



# ROAD AND TRANSPORTATION MASTER PLAN

WEST BANK AND GAZA STRIP

TA 2012013 PS 00 F10

**Annex 12 – Public Transport Survey**

SEPTEMBER 30, 2016





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## 1. Introduction

Public transport survey was carried out on the 15<sup>th</sup> of February 2016 as a part of the Road and Transportation Master plan of West Bank and Gaza Strip project. This report provides a comprehensive description of the survey.

The public transport survey was done in two parts. The first part was mapping and collecting data related to the main characteristics of the ten main public transport bus terminals, in the West Bank and Gaza Strip as well as the time schedule and fare structure of the operational bus lines of the terminals.

The second part was the travel time and patronage survey on board of twenty-six identified bus lines in both West Bank and Gaza Strip.

The aim of the survey was to understand the existing public transport pattern by defining the existing connections and lines. In addition, the survey was carried out in order to identify the current capacity and to understand the hierarchy of the public transport lines and routes.

The collected information was used to inform the model and it was the base for the final public transport proposal.

The report includes the following four chapters:

- Public Transport Survey Details
- Survey Methodology
- Survey Results
- Original Survey Sheets

## 2. Public Transport Survey Details

### Date and Time of Survey

The survey was performed on Monday, February 15, 2016, from 13.15 to 19.15.

### Location of the Survey

The first part of the survey was done in ten main public transport hubs, among which nine are located in West Bank and one in Gaza Strip. The hubs are bus terminals, since other modes of public transport are not currently available in the country.

The surveyed hubs are Gaza City, Bethlehem, Jenin, Nablus (two terminals of Nablus Eastern Terminal and Nablus Western Terminal), Bir Zayt, Hebron, Jericho, Ramallah Tulkarm, East Jerusalem (two terminals of Al Musrara and Nablus Street Terminal), therefore the survey includes 12 bus terminals. Following figure shows the map of all the public transport hubs available in the country, among which ten main hubs that are chosen for the survey.

The second part of the survey is an onboard survey on travel time and patronage of the 26 main bus lines, which both directions (when available) are surveyed. Twenty-two lines are located in the West Bank and four in Gaza Strip.

### Survey Activity 1

As mentioned before, the survey consists of two different activities:

The first activity is collecting data related to the main characteristics of the twelve main bus terminals, which included:

- Bus Terminals location within the City
- Total number of bus stalls present in the selected bus terminal

- Inbound/ outbound bus traffic
  - Vehicle type and characteristics (vehicle model, number of seats, etc.) operating each bus route during the above indicated time period
  - Origins and Destinations of all departing/ arriving/ transiting buses during the above indicated peak period
- Bus schedule of routes – when available
- Fare structure related to each route

The collected data provide information regarding frequency and patronage of main corridors of Palestine public transport system in order to calibrate and validate the public transport distribution model. The information about the most important routes and the patronage of each terminal represented an essential datum for the second activity of the survey.

Following table shows the coordinates, number of the stalls for buses inside the terminals and total number of routes for each of them. All the survey sheets are shown in the last chapter of this report.

## Fare Structures

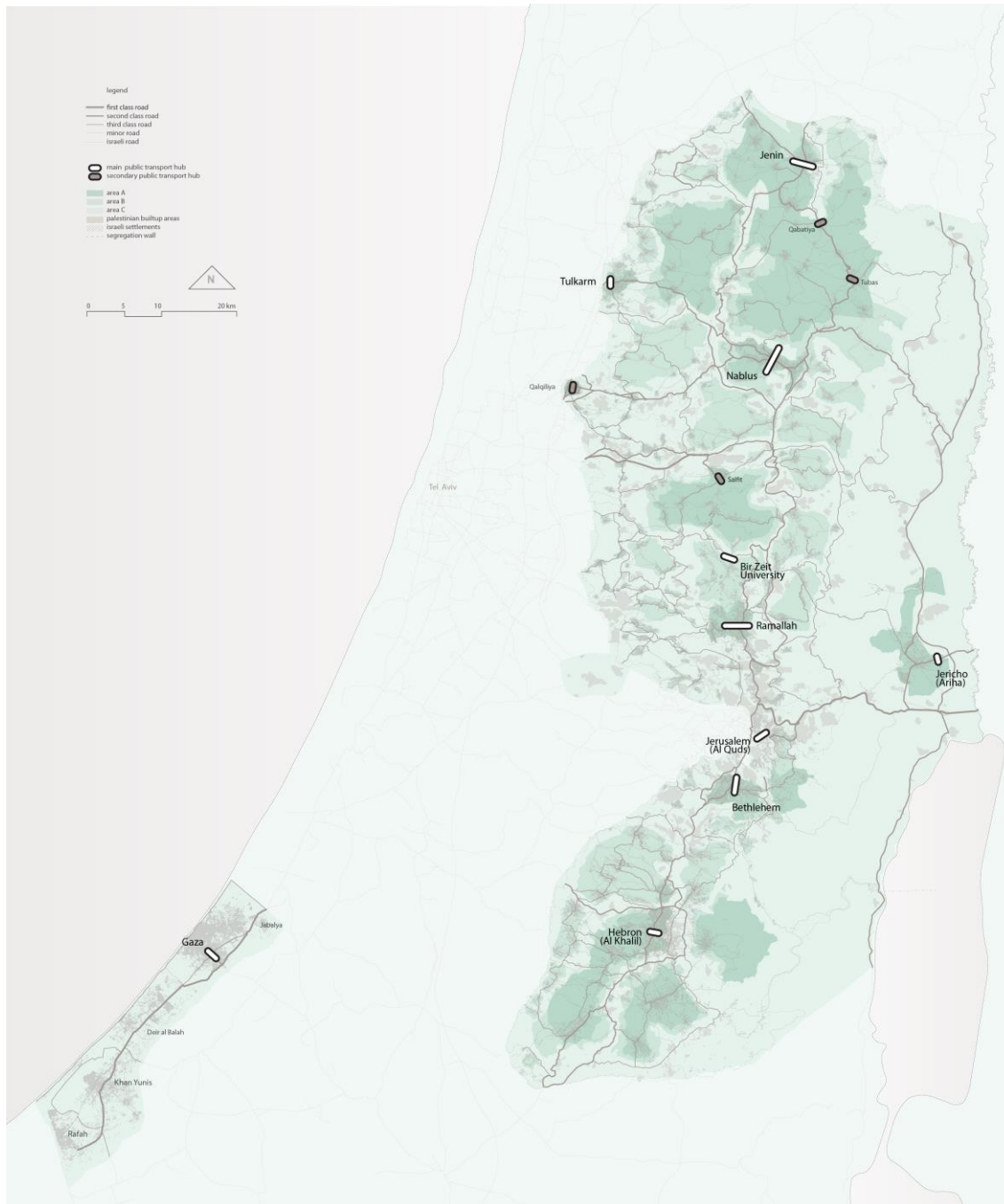
As mentioned above, the time schedule available for the routes in all the bus terminals was surveyed with the fare structure of these routes.

In Gaza City the fares are different for go and return along the same path, the tariff of the routes are not divided equally to two since the drivers preferred not to deal with half NIS. All the survey sheets are shown in the last chapter of this report.

*Tab 1. List of the Surveyed Terminals*

Bus Terminal	Coordinates	Total No of Stalls	Total No of Routes
Bethlehem	31 42'35.34"N , 35 11'55.21"E	8	4
Jenin	32 27'39.3"N , 35 17'55.21"E	20	15
Nablus (Western Terminal)	32 13'27.75"N , 35 15'30.09"E	8	4
Nablus (Eastern Terminal)	32 13'06.27"N , 35 16'02.97"E	20	10
Bir Zayt	31 57'31.18" N , 35 10'52.48"E	5	2
Hebron	31 31'41.05"N , 35 06'02.57"E	3	3
Jericho	31 51'35.80"N , 35°28'39.95"E	6	8
Ramallah	31 54'19.724"N , 35 12'25.707"E	43	22
Tulkarm	32 19'05.28"N , 35 01'42.54"E	15	6
East Jerusalem (Al Musrara / Al Anbya')	31 46'54.7"N , 35 13'43.56"E	10	5
East Jerusalem (Nablus Road)	31 47'2.11"N , 35 13'43.99"E	25	7
Gaza City	31 30'56.85"N , 34 26'16.41"E	35	6

Figure 1. Map of Public Transport Hubs in West Bank & Gaza Strip



## Survey Activity 2

Around 250 operational bus lines were identified in Palestine using the data received from the ministry of Transportation, therefore a reasonable sample size corresponding to 10% of all lines is chosen, for the second activity of the survey.

The selected 26 bus lines have the highest weight and were surveyed on both directions when available. As mentioned before 22 of the surveyed bus lines are located in the West Bank and 4 in Gaza Strip.

Following table shows all the surveyed lines and the following figure shows all the surveyed bus lines.

For each surveyed line, operators conducted a complete round trip. The departure and arrival time of the bus is recorded, including the number of boarded and alighted passengers at any point along the path with reference to the geographical coordinates and name of the stop or area.

The provided information illustrate the travel patterns outside the main cities.

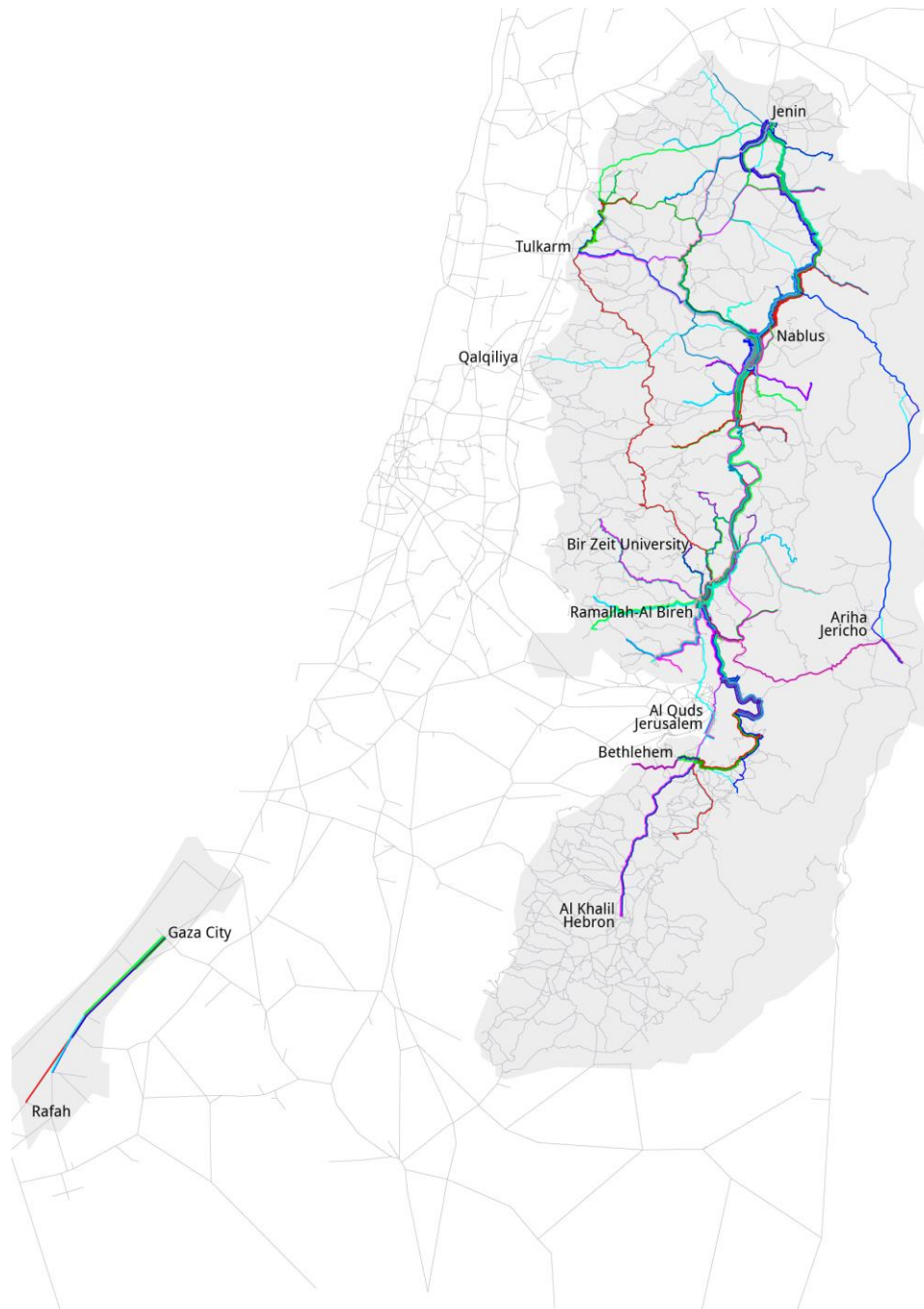
Tab 2. List of Surveyed Lines

Line Number	Line Direction
1	Jenin-Nablus
	Nablus-Jenin
2	Tulkarm-Nablus
	Nablus-Tulkarm
3	Nablus-Qalqiliya
	Qalqilia-Nablus *
4	Nablus-Ramallah
	Ramallah-Nablus
5	Nablus-Tubas
	Tubas-Nablus *
6	Nablus-Salfit
	Salfit-Nablus
7	Ramallah-Jenin
	Jenin-Ramallah *
8	Ramallah-Tulkarm
	Tulkarm-Ramallah *
9	Ramallah-Qalqiliya
	Qalqiliya Ramallah *
10	Salfit-Ramallah
	Ramallah-Salfit *
11	Ramallah-Hebron
	Hebron-Ramallah *
12	Bir Zayt-Ramallah
	Ramallah-Bir Zayt *
13	Ramallah-East Jerusalem
	East Jerusalem-Ramallah
14	Jericho-Hebron
	Hebron-Jericho *
15	Hebron-Bethlehem
	Bethlehem-Hebron
16	Tubas-Jenin
	Jenin-Tubas
17	Jenin-Tulkarm *
	Tulkarm-Jenin
18	Qabatiya-Jenin

	Jenin-Qabatiya
19	Bethlehem-East Jerusalem
	East Jerusalem-Bethlehem
20	Ramallah - Jericho
	Jericho – Ramallah*
21	Nablus - Beit Furik
	Beit Furik - Nablus
22	Jenin - Ya'bad
	Ya'bad – Jenin*
23	Gaza City-Khan Younis
	Khan Younis-Gaza City*
24	Gaza City-Rafah
	Rafah-Gaza City*
25	Gaza City-Dair al Balah
	Dair Al Balah-Gaza City*
26	Gaza City-Al Nouseirat
	Al Nouseirat-Gaza City*

\* Routes not operational at the date and time of the survey.

*Figure 2. Map of the Surveyed Bus Lines Routes during Public Transport Survey*





### 3. Survey Methodology

A team of 64 operators was responsible to complete the survey activities. In addition, the team included five coordinators, a professional supervisor and a team leader who was responsible for managing the entire public transport survey.

After the survey, the collected data were verified and checked by team leader and supervisor, no discrepancies were noticed.

### 4. Survey Results

As mentioned before the public transport survey data is used to design the final road and master plan of West Bank and Gaza Strip. The collected data responds to the existing public transport demand in the country and provides information about the areas that are not covered properly.

Maps and tables presented in this part of the report demonstrate the summary and the results of the public transport survey.

Following first figure, maps the frequency of the surveyed bus lines and the second figure maps the density of the surveyed lines.

These two maps are the technical elaborations providing information regarding the ratio of public transport to road infrastructure. The map showing the frequency of the routes is the output of the GIS data extracted from the survey, providing information about the service of the public transport in West Bank and Gaza Strip while the second map showing the density of the surveyed lines is provides information regarding the level of service of the public transport.

Following table shows the summary of the first activity of the public transport survey, regarding bus terminals characteristics. The total number of inbound and outbound buses as well as number of passengers and bus capacities are shown. It is noteworthy that demand in Gaza City Terminal is higher than bus capacity.

Following table shows the summary of the second activity of the survey. It includes the location, service, capacity and number of passengers in all of the surveyed public transport routes.

Figure 3. Map of the Frequency of the Surveyed Bus Lines

(frequency is measured in minutes: thicker lines represent PT routes with major frequency)

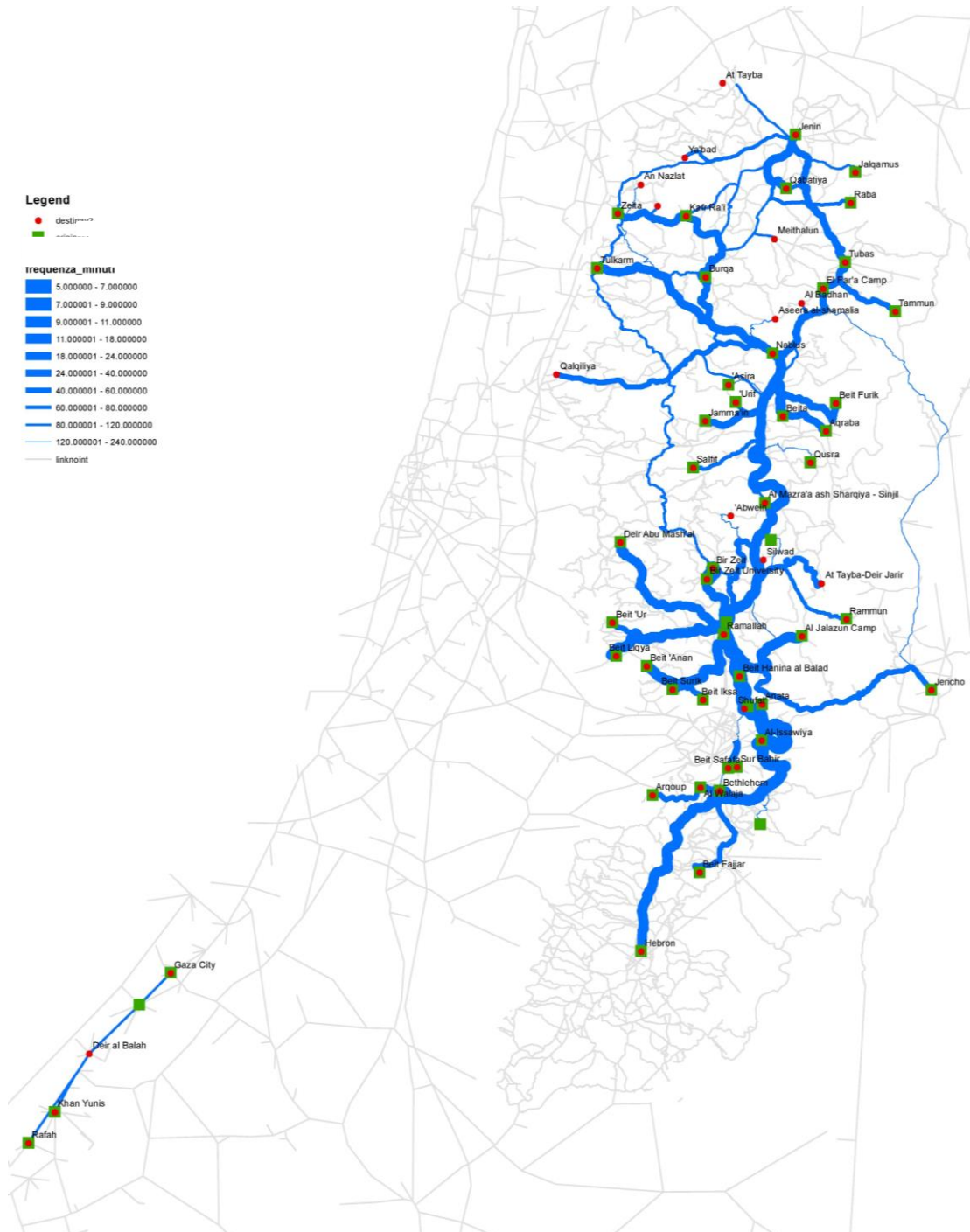
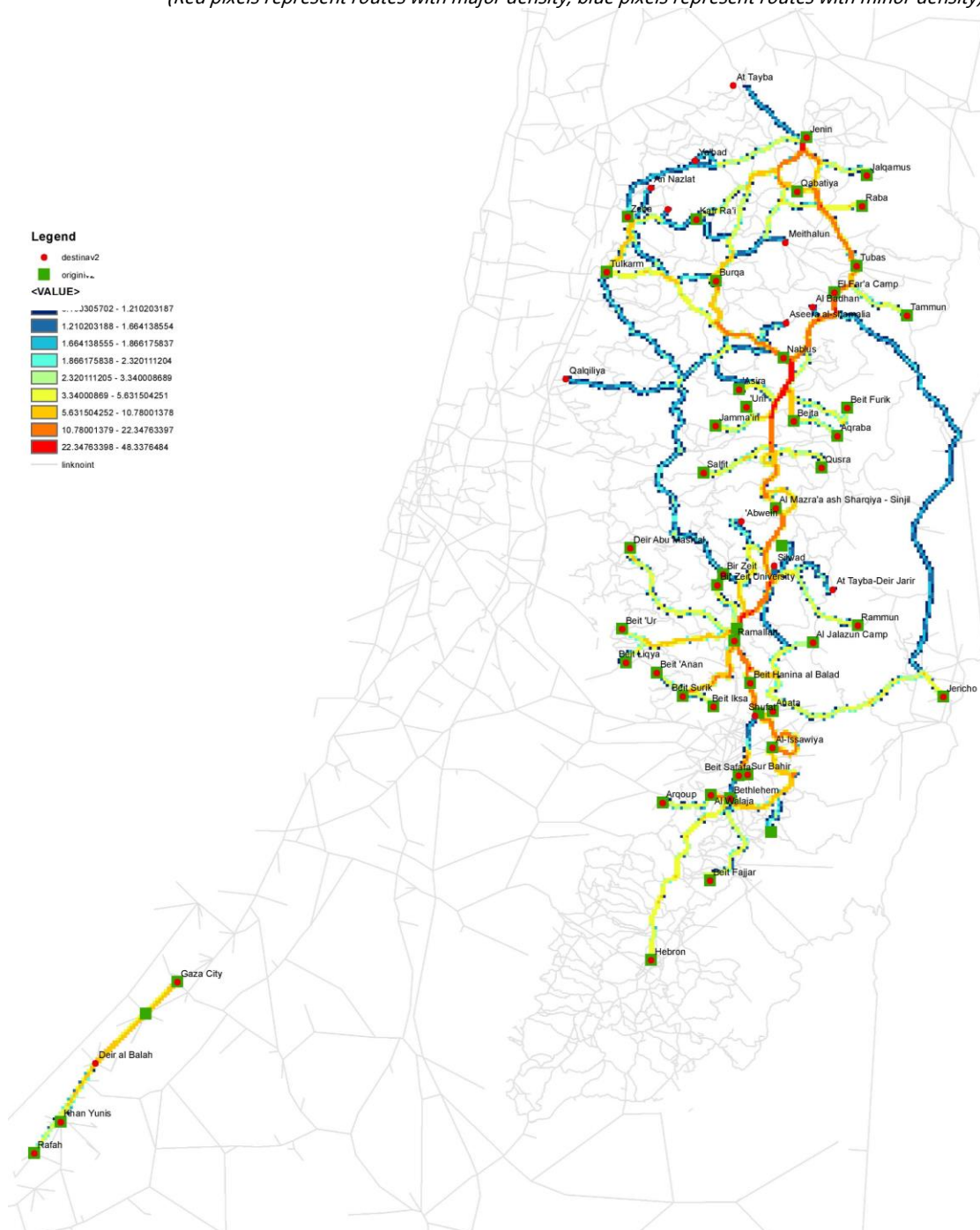


Figure 4. Map of the Density of the Surveyed Bus Lines

(Red pixels represent routes with major density; blue pixels represent routes with minor density)



Tab 3. Summary of the First Activity of Public Transport Survey

Bus Terminal	Inbound Buses	Inbound Patronage	Inbound Capacity	Outbound Buses	Outbound Patronage	Outbound Capacity
Jenin	13	222	373	30	480	597
Tulkarm	6	214	325	10	137	298
Hebron	5	104	101	6	72	114
Nablus Western	13	352	503	16	449	609
Nablus Eastern	38	69	760	60	910	1230
Jericho	11	451	565	9	447	485
Ramallah	81	1036	2056	135	2776	3185
Bir Zayt *	36	0	792	46	987	1090
Bethlehem	17	63	354	21	307	432
East Jerusalem (Al Musrara / Al Anbya')	48	653	2225	24	489	1126
East Jerusalem (Nablus Road)	89	794	2319	94	3207	3309
Gaza City**	0	0	0	8	447	400

\* Since there are no students going to the university in the afternoon, the inbound patronage in Bir Zayt University station is zero. Information about education related data about education-related flows are collected through ad hoc traffic survey campaign. (Refer to Manual Traffic Counts and OD Survey for further information)

\*\* There are no in bound buses because Gaza city is the main destination of Gaza Strip at daytime and at the time of the survey commuters mostly returned to nearby cities and villages

Tab 4. Summary from the Second Activity of the Survey

FROM	TO	SERVICES (Buses)	CAPACITY (Pax per Bus)	PASSENGERS
Tulkarm	Zeita	1	20	6
Tulkarm	An Nazlat	1	50	3
Tulkarm	Seida, e'llar, Deir al Ghusun, 'Attil	2	40	28
Tulkarm	Nablus	6	233	130
Tulkarm	Jenin	2	40	30
Tulkarm	Raba	2	40	20
Beit 'Ur	Ramallah	2	40	18
Beit Liqya	Ramallah	10	200	26
Zeita	Nablus	1	0	9
Deir Abu Mash'al	Ramallah	8	140	3
Hebron	Bethlehem	11	240	124
Beit 'Anan	Ramallah	6	120	12
Arqoup	Bethlehem	4	76	0
Beit Surik	Ramallah	6	120	51
Kafr Ra'i	Jenin	1	20	0
Salfit	Nablus	1	19	0
Beit Fajjar	Bethlehem	3	57	5
Al Walaja	Bethlehem	3	57	6
Al Walaja	Al-Issawiya	8	494	286
Beit Iksa	Ramallah	3	95	78
Jamma'in	Nablus	6	0	10
Burqa	Ramallah	1	20	0
Bir Zayt University	Bir Zayt	36	720	650
Bir Zayt University	Ramallah	10	370	337
Bir Zayt	Bir Zayt University	30	570	0
Bethlehem	Hebron	13	290	236
Bethlehem	Arqoup	5	95	52
Bethlehem	Beit Fajjar	5	92	90
Bethlehem	Al Walaja	3	56	33
Bethlehem	Al-Issawiya	21	1252	280
Ramallah	Tulkarm	2	110	33
Ramallah	Beit 'Ur	5	94	94
Ramallah	Beit Liqya	15	285	285
Ramallah	Deir Abu Mash'al	10	190	186
Ramallah	Beit 'Anan	13	241	236

FROM	TO	SERVICES (Buses)	CAPACITY (Pax per Bus)	PASSENGERS
Ramallah	Beit Surik	14	266	267
Ramallah	Beit Iksa	4	184	139
Ramallah	Burqa	1	19	19
Ramallah	Bir Zeit University	6	222	0
Ramallah	At Tayba	2	38	32
Ramallah	'Abwein	1	19	19
Ramallah	Al-Issawiya	39	1366	1177
Ramallah	Anata	4	75	72
Ramallah	Silwad	2	35	28
Ramallah	Al Mazra'a ash Sharqiya - Sinjil	5	95	92
Ramallah	Nablus	17	681	567
Ramallah	Jenin	2	118	72
Ramallah	Al Jalazun Camp	17	323	300
Ramallah	At Tayba-Deir Jarir	4	76	76
Ramallah	Rammun	1	19	19
Ramallah	Jericho	4	76	76
Al Bireh	Ramallah	2	40	38
'Asira	Nablus	1	0	1
'Urif	Nablus	3	0	2
Beit Hanina al Balad	Al-Issawiya	37	1274	1179
Shufat Camp	Al-Issawiya	11	341	350
Za'tara	Ramallah	1	20	0
Al-Issawiya	Al Walaja	7	375	124
Al-Issawiya	Bethlehem	6	357	168
Al-Issawiya	Ramallah	27	1035	741
Al-Issawiya	Beit Hanina al Balad	45	1124	382
Al-Issawiya	Shufat	14	292	94
Al-Issawiya	Anata	8	256	70
Al-Issawiya	Beit Safafa	7	142	74
Al-Issawiya	Sur Bahir	3	202	103
Anata	Ramallah	1	20	14
Anata	Al-Issawiya	12	360	363
Al Mazra'a ash Sharqiya - Sinjil	Ramallah	4	80	12
Al Mazra'a ash Sharqiya	Ramallah	1	20	0
Nablus	Qalqiliya	4	144	50

FROM	TO	SERVICES (Buses)	CAPACITY (Pax per Bus)	PASSENGERS
Nablus	Tulkarm	10	499	400
Nablus	Zeita	6	120	97
Nablus	Salfit	3	60	45
Nablus	Jamma'in	2	40	35
Nablus	Ramallah	6	128	99
Nablus	'Asira	1	20	15
Nablus	'Urif	3	60	47
Nablus	Aseera al-shamalia	1	20	19
Nablus	Beita	14	280	231
Nablus	Jenin	6	302	293
Nablus	Al Badhan	2	40	36
Nablus	Qusra	1	20	7
Nablus	El Far'a Camp	6	120	117
Nablus	Aqraba	7	140	109
Nablus	Beit Furik	7	139	74
Nablus	Tubas	4	80	44
Nablus	Tammun	4	110	43
Beita	Nablus	10	0	29
Qabatiya	Jenin	3	51	1
Jenin	Hebron	1	19	11
Jenin	Ya'bad	3	57	50
Jenin	Kafr Ra'i	2	38	19
Jenin	Nablus	2	98	24
Jenin	Meithalun	2	38	34
Jenin	Qabatiya	12	225	197
Jenin	Tubas	3	57	52
Jenin	Raba	3	57	54
Jenin	Jalqamus	2	38	31
Jenin	Jericho	1	19	20
Al Jalazun Camp	Ramallah	10	200	69
Qusra	Nablus	1	0	2
El Far'a Camp	Nablus	4	0	5
Aqraba	Nablus	4	0	2
Beit Furik	Nablus	4	19	11
Tubas	Nablus	3	0	5
Tubas	Jenin	2	39	22
Rammun	Ramallah	3	60	19
Raba	Jenin	1	20	3

FROM	TO	SERVICES (Buses)	CAPACITY (Pax per Bus)	PASSENGERS
Jalqamus	Jenin	1	16	1
Tammun	Nablus	2	0	2
Jericho	Ramallah	3	60	23
Rafah	Gaza City	2	100	149
Khan Younis	Gaza City	1	50	59
Al Nouseirat	Gaza City	1	50	24
Gaza City	Rafah	1	50	93
Gaza City	Khan Younis	2	100	76
Gaza City	Deir Al Balah	1	50	46
Beit Safafa	Al-Issawiya	11	216	54
Sur Bahir	Al-Issawiya	5	200	18

## 5. Original Survey Sheets

### Survey Activity 1 Sheets

The following tables are the original sheets of the first activity of the public transport survey. They include both bus terminal's characteristics and time schedule and fare structures.



Tab 5. Jenin Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Sa'ed Torkman Adel Basim Abdelhai
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>JENIN</b>	<b>total: 15</b>
<b>N. BUS STALLS:</b>	<b>20 (3 large, 17 small)</b>	<b>N. OF ROUTES: active after 3:15: 7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
2:00	Origin	Tubas	Inbound	Mercedes	19	19
2:02	Dest.	Nabulus	Outbound	DAF 1997	12	49
2:42	Origin	Ramallah	Inbound	Mercedes	36	59
2:50	Dest.	Ya'bad	Outbound	Mercedes	19	19
02:54	Dest.	Hebron	Outbound	Mercedes 2002	11	19
03:18	Dest.	Raba	Outbound	Mercedes 2000	19	19
03:21	Dest.	Tubas	Outbound	Mercedes 2000	19	19
03:23	Dest.	Ya'bad	Outbound	Mercedes 2001	19	19
03:24	Dest.	Qabatiya	Outbound	Mercedes 2000	16	19
03:25	Origin	Tubas	Inbound	Mercedes 2007	3	20
03:28	Origin	Kafr Ra'i	Inbound	Mercedes 2000	0	20
03:28	Origin	Umm at Tut	Inbound	Mercedes 2000	1	16
03:30	Dest.	Jericho	Outbound	Mercedes 2006	20	19
03:32	Dest.	Qabatiya	Outbound	Mercedes 2001	20	20
03:36	Origin	Nabulus	Inbound	DAF 1997	48	49
03:42	Dest.	Qabatiya	Outbound	Mercedes 2000	19	19
03:45	Origin	Qabatiya	Inbound	Mercedes 2000	1	16
03:55	Dest.	Qabatiya	Outbound	Mercedes 2005	19	19
03:58	Dest.	Jalqamus	Outbound	Mercedes 1998	16	19
04:01	Origin	Raba	Inbound	Mercedes 2000	3	20
04:03	Origin	Nabulus	Inbound	Mercedes 2000	50	50
04:05	Dest.	Raba	Outbound	VW 2007	17	19
04:07	Dest.	Qabatiya	Outbound	Mercedes 2000	19	19
04:11	Dest.	Meithalun	Outbound	VW 2010	16	19
04:17	Dest.	Tubas	Outbound	Mercedes 2001	19	19
04:20	Dest.	Ya'bad	Outbound	Mercedes 2002	12	19
04:29	Dest.	Qabatiya	Outbound	VW 2001	19	19
04:29	Dest.	Jalqamus	Outbound	VW 2000	15	19
04:34	Origin	Tulkarm	Inbound	Mercedes 2010	16	20
04:39	Dest.	Qabatiya	Outbound	Mercedes 2000	19	19
04:47	Dest.	Meithalun	Outbound	VW 2002	18	19
04:49	Dest.	Qabatiya	Outbound	Mercedes 2000	17	17
04:54	Dest.	Tubas	Outbound	Mercedes 2000	14	19
04:54	Dest.	Qabatiya	Outbound	Mercedes 2000	19	19
04:57	Origin	Nabulus	Inbound	DAF 1997	45	49
05:02	Dest.	Raba	Outbound	Mercedes 2006	18	19
05:06	Dest.	Kafr Ra'i	Outbound	Mercedes 2005	12	19
05:10	Origin	Qabatiya	Inbound	Mercedes 1998	0	16
05:16	Dest.	Qabatiya	Outbound	Mercedes 2005	19	19



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Sa'ed Torkman Adel Basim Abdelhai
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>JENIN</b>	<b>total: 15</b>
<b>N. BUS STALLS:</b>	<b>20 (3 large, 17 small)</b>	<b>N. OF ROUTES: active after 3:15: 7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
05:23	Dest.	Kafr Ra'i	Outbound	Mercedes 2002	7	19
05:50	Origin	Qabatiya	Inbound	Mercedes 2000	0	19
05:51	Dest.	Qabatiya	Outbound	Mercedes 2001	11	17
05:55	Dest.	Qabatiya	Outbound	Mercedes 2000	0	19

Tab 6. Time Schedules & Fare Structures of Jenin Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name: Adel Abdelhai
Act.01: Survey of Main PT Bus Terminals	Date: 15/2/2016

BUS TERMINAL:	Jenin
N. BUS STALLS:	20 (3 large, 17 small) N. OF ROUTES: 15

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	Jenin-Umm at Tut	7:00 am - 5:00 pm (Every 15 min)	Umm at Tut	3
2	Jenin-Jalqamus	7:00 am - 5:00 pm (Every 15 min)	Jalqamus	3
3	Jenin-Border Crossing	7:00 am - 5:00 pm (Every 15 min)	Border Crossing	4,5
4	Jenin-Tubas	7:30 am - 4:30 pm (Every 30 min)	Tubas	5
			Aqqaba	4
			Zabda	3
5	Jenin-Meithalun	7:00 am - 4:30 pm (Every 60 min)	Meithalun	5
6	Jenin-Siris	7:00 am - 4:30 pm (Every 60 min)	Siris	6
7	Jenin-al Jadida	7:00 am - 4:30 pm (Every 60 min)	al Jadida	6
8	Jenin-Qabatiya	7:00 am - 6:00 pm (Every 20 min)	Qabatiya	2,5
9	Jenin-Ash Shuhada	7:00 am - 6:00 pm (Every 20 min)	Ash Shuhada	2,5
10	Jenin-Kafr Ra'i	8:00 am - 6:00 pm (Every 60 min)	Kafr Ra'i	5
11	Jenin-Fahma	8:00 am - 6:00 pm (Every 60 min)	Fahma	5
12	Jenin-Arraba	8:00 am - 6:00 pm (Every 60 min)	Arraba	5
13	Jenin-Nablus	6:30 am - 5:00 (Every 30 min)	Nablus	9,5
		6:30 am - 5:00 (Every 30 min)	Silat adh Dhahr	6
14	Jenin-Jaba'	8:00 am - 4:00 (Every 30 min)	Jaba'	5
15	Jenin-Ya'bad	8:00 am - 4:00 (Every 30 min)	Ya'bad	5,5

Tab 7. Tulkarm Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name:	Ayman Bdair
		Fayiz Abu_Safaqa
Act.01: Survey of Main PT Bus Terminals	Date:	15/2/2016

BUS TERMINAL:	TULKARM
N. BUS STALLS:	10 + 5 on curb
N. OF ROUTES:	6

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
03:10	Dest.	Nablus	Outbound		24	50
03:24	Origin	Nablus	Inbound		40	50
03:28	Dest.	Zeita	Outbound		6	20
03:29	Dest.	Jenin	Outbound		14	20
03:32	Dest.	Seida, e'llar, Deir al Ghusun, 'Attil	Outbound		19	20
03:42	Dest.	Nablus	Outbound		23	50
03:47	Dest.	An Nazlat	Outbound		3	50
03:50	Dest.	Arraba	Outbound		0	20
03:54	Origin	Nablus	Inbound		36	55
03:56	Origin	Ramallah	Inbound		14	55
04:06	Dest.	Arraba	Outbound		20	20
04:17	Dest.	Nablus	Outbound		19	28
04:37	Origin	Nablus	Inbound		52	55
04:38	Dest.	Seida, e'llar, Deir al Ghusun, 'Attil	Outbound		9	20
05:09	Origin	Nablus	Inbound		49	55
05:45	Origin	Nablus	Inbound		23	55

Tab 8. Time Schedules & Fare Structures of Tulkarm Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name: Ayman Hisham Bdair
Act.01: Survey of Main PT Bus Terminals	Date: 15/2/2016

BUS TERMINAL:	Tulkarm
N. BUS STALLS:	10 + 5 on curb
N. OF ROUTES:	6

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	Tulkarm-Nablus	6:30 am - 4:35 pm ( Every 30 min )	Nur Shams Camp	3
			Anabta	3
			Deir Sharaf	5
			Nablus	6
2	Tulkarm-Ramallah	6:30 am - 4:35 pm ( Every 30 min )	Al Funduq	7
			Ramallah	16
3	Tulkarm-Zeita	6:30 am - 4:35 pm ( Every 20 min )	Zeita	4,5
4	Tulkarm-Jenin	6:30 am - 4:35 pm ( Every 40 min )	Arraba	7
			Fahma	7
			Jenin	10
			Kafr Ra'i	7
5	Tulkarm-An Nazlat	6:30 am - 4:35 pm ( Every 35 min )	An Nazlat	5
6	Tulkarm-An Nazlat	6:30 am - 4:35 pm ( Every 40 min )	Seida	5,5
		6:30 am - 4:35 pm ( Every 35 min )	Illar	5
		6:30 am - 4:35 pm ( Every 20 min )	Deir al Ghusun	3,5
		6:30 am - 4:35 pm ( Every 25 min )	Attil	4
		6:30 am - 4:35 pm ( Every 15 min )	Al Jarushiya	3
		6:30 am - 4:35 pm ( Every 10 min )	Shwaike (32.317759,35.029164)	2,5

Tab 9. Hebron Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Mohammed Elzahir Ibraheem Abu Mansour
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>HEBRON</b>	<b>total: 3</b>
<b>N. BUS STALLS:</b>	<b>3</b>	<b>N. OF ROUTES: active after 3:15: 2</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
03:02	Origin	Bethlehem	Inbound		20	19
03:16	Dest.	Bethlehem	Outbound		19	19
03:25	Origin	Bethlehem	Inbound		19	19
03:40	Origin	Bethlehem	Inbound		20	19
03:56	Dest.	Bethlehem	Outbound		19	19
04:07	Origin	Bethlehem	Inbound		19	19
04:08	Dest.	Bethlehem	Outbound		17	19
04:39	Dest.	Polytechnic University	Outbound		0	19
04:39	Dest.	Polytechnic University	Outbound		0	19
05:08	Origin	Bethlehem	Inbound		26	25
05:20	Dest.	Bethlehem	Outbound		17	19

Tab 10. Time Schedules & Fare Structures of Hebron Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name: Ahmad Jamal Marshoud
Act.01: Survey of Main PT Bus Terminals	Date: 15/2/2016

BUS TERMINAL:	Hebron
N. BUS STALLS:	3
N. OF ROUTES:	3

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	Hebron-Allenby Bridge	6:00 am - 9:00 am ( Every 30 min )	Jericho	20
			Al 'Eizariya	12
			Allenby Bridge	25
2	Hebron-Bethlehem-East Jerusalem	6:00 am - 5:00 pm ( Every 30 min )	Bethlehem	6
			Halhul	3
			Beit 'Amra	4
			Al 'Arrub Camp	4
			A'suon	5
			Furat	6
			Alkhafir	6
			Ad Duheisha Camp	6
			Raheel Dome	6
			East Jerusalem	6
3	Hebron-Ramallah	NA	Ramallah	18
			Al 'Eizariya	12
			Qalandiya	18
			Az Za'ayem	18
			Bab al amood	12



Tab 11. Nablus Western Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name:	Ihab Hashim Se'eed A'amodi
Act.01: Survey of Main PT Bus Terminals	Date:	15/2/2016

BUS TERMINAL:	NABLUS WESTERN TERMINAL
N. BUS STALLS:	8 (6 large, 2 small)
N. OF ROUTES:	4

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
2:02	Origin	Jenin	Inbound	DAF 1997	12	49
2:30	Dest.	Beit Furik	Outbound	Mercedes	9	19
2:57	Origin	Beit Furik	Inbound	Mercedes	9	19
03:05	Dest.	Ramallah	Inbound	Mercedes	1	19
03:15	Origin	Salftit	Inbound	Mercedes 2001	0	19
03:26	Origin	Tulkarm	Inbound	Volvo	30	55
03:26	Dest.	Tulkarm	Outbound	Mercedes	49	49
03:30	Dest.	Qalqiliya	Outbound	Mercedes	7	56
03:35	Dest.	Jenin	Outbound	Mercedes	50	50
03:45	Dest.	Ramallah	Outbound	Mercedes	21	25
03:52	Dest.	Tulkarm	Outbound	Mercedes	54	55
03:55	Dest.	Jenin	Outbound	Mercedes	45	49
04:00	Dest.	Qalqiliya	Outbound	Mercedes	21	53
04:20	Origin	Ramallah	Inbound	Mercedes	47	55
04:25	Dest.	Tulkarm	Outbound	Mercedes	54	54
04:30	Dest.	Ramallah	Outbound	Mercedes	17	19
04:34	Dest.	Ramallah	Outbound	Mercedes	2	19
04:37	Dest.	Qalqiliya	Outbound	Mercedes	16	16
04:42	Origin	Ramallah	Inbound	Mercedes	44	53
04:56	Dest.	Jenin	Outbound	Mercedes	55	55
05:00	Origin	Tulkarm	Inbound	Mercedes	24	25
05:02	Dest.	Tulkarm	Outbound	Mercedes	27	55
05:03	Origin	Tulkarm	Inbound	Mercedes	10	25
05:03	Origin	Ramallah	Inbound	DAF	55	55
05:07	Dest.	Qalqiliya	Outbound	Mercedes	6	19
05:25	Dest.	Tulkarm	Outbound	Mercedes	16	16
05:37	Origin	Ramallah	Inbound	Mercedes	55	55
05:39	Origin	Ramallah	Inbound	Mercedes	15	19
05:56	Origin	Ramallah	Inbound	Volvo	50	55



Tab 12. Time Schedules & Fare Structures of Nablus Western Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name: Ihab A'rif Hashim
Act.01: Survey of Main PT Bus Terminals	Date: 15/2/2016

BUS TERMINAL:	Nablus Western Terminal
N. BUS STALLS:	8
N. OF ROUTES:	4

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	Nablus-Ramallah	5:30 am - 6:00 pm (Every 30 min)	Huwwara	3
			Za'tara	5
			As Sawiya, Al Lubban ash Sharq	6
			Turmus'ayya	8
			Sinjlil	8
			Ramallah	10,5
2	Nablus-Tulkarm	6:00 am - 5:00 pm (Every 30 min)	Nur Shams Camp	5
			Anabta	6
			Tulkarm	6
3	Nablus-Jenin	6:00 am - 5:00 pm (Every 30 min)	Silat adh Dhahr	7
			Jaba'	7
			Jenin	9,5
4	Nablus-Qalqiliya	6:00 am - 5:00 pm (Every 30 min)	Azzun	7
			Qalqiliya	7,5

Tab 13. Nablus Eastern Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Ya'qoup Abuhantash Jihad Kalboneh
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>NABLUS EASTERN TERMINAL</b>
<b>N. BUS STALLS:</b>	<b>20 (1 large, 19 small)</b>
<b>N. OF ROUTES:</b>	<b>10</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
03:15	Dest.	Beit Furik	Outbound		17	20
03:17	Origin	El Far'a Camp	Inbound		0	20
03:17	Dest.	Huwwara- 'Einabus- Jamma'in- zeita	Outbound		19	20
03:19	Origin	Aqraba	Inbound		1	20
03:20	Origin	Qusra	Inbound		2	20
03:21	Origin	Jamma'in	Inbound		2	20
03:22	Dest.	Beita	Outbound		19	20
03:22	Dest.	El Far'a Camp	Outbound		20	20
03:25	Origin	Beita	Inbound		3	20
03:25	Dest.	Tubas-El Far'a Camp	Outbound		0	20
03:28	Origin	'Urif	Inbound		0	20
03:28	Dest.	Beita	Outbound		20	20
03:31	Origin	Beita	Inbound		8	20
03:34	Dest.	Jamma'in	Outbound		16	20
03:38	Origin	Tubas	Inbound		0	20
03:38	Dest.	Beita	Outbound		20	20
03:39	Origin	Jamma'in	Inbound		2	20
03:42	Dest.	Salfit	Outbound		14	20
03:45	Dest.	Tammun	Outbound		20	50
03:45	Dest.	El Far'a Camp	Outbound		20	20
03:46	Dest.	'Urif - 'Einabus	Outbound		16	20
03:47	Origin	Aqraba	Inbound		0	20
03:47	Dest.	Qusra	Outbound		7	20
03:47	Dest.	Aqraba	Outbound		17	20
03:48	Dest.	Beita	Outbound		6	20
03:49	Origin	Beita	Inbound		5	20
03:49	Dest.	Aseera al- shamalia	Outbound		19	20
03:49	Dest.	Salfit	Outbound		12	20
03:51	Origin	'Asira	Inbound		1	20
03:55	Origin	Jamma'in	Inbound		5	20
03:55	Dest.	Jamma'in	Outbound		19	20
03:56	Origin	Tammun	Inbound		0	20
03:56	Dest.	Beit Furik	Outbound		14	20

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Ya'qoup Abuhantash Jihad Kalboneh
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>NABLUS EASTERN TERMINAL</b>
<b>N. BUS STALLS:</b>	<b>20 (1 large, 19 small)</b>
<b>N. OF ROUTES:</b>	<b>10</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
03:57	Dest.	Aqraba	Outbound		19	20
03:58	Origin	Beita	Inbound		4	20
04:01	Origin	Aqraba	Inbound		0	20
04:01	Dest.	Tubas	Outbound		19	20
04:02	Origin	Beit Furik	Inbound		0	20
04:03	Dest.	Madama-'Iraq Burin	Outbound		15	20
04:04	Dest.	Beita	Outbound		20	20
04:05	Origin	Zeita	Inbound		9	20
04:07	Origin	'Urif	Inbound		1	20
04:09	Dest.	Aqraba	Outbound		19	20
04:11	Dest.	Aqraba	Outbound		19	20
04:14	Dest.	Jamma'in - Zeita	Outbound		19	20
04:15	Origin	Aqraba	Inbound		1	20
04:20	Origin	Beita	Inbound		0	20
04:20	Dest.	Beita	Outbound		20	20
04:21	Origin	Tubas	Inbound		5	20
04:23	Origin	Tamun	Inbound		2	20
04:23	Dest.	El Far'a Camp	Outbound		19	20
04:30	Origin	El Far'a Camp	Inbound		3	20
04:30	Dest.	Beita	Outbound		20	20
04:31	Origin	Beita	Inbound		6	20
04:32	Origin	Beita	Inbound		2	20
04:33	Dest.	'Urif- 'Einabus	Outbound		19	20
04:35	Origin	Beit Furik	Inbound		0	20
04:35	Dest.	Beit Furik	Outbound		15	20
04:39	Dest.	Al Badhan	Outbound		17	20
04:41	Dest.	Salfit	Outbound		19	20
04:42	Origin	Jamma'in	Inbound		1	20
04:42	Dest.	Beita	Outbound		20	20
04:43	Origin	Beita	Inbound		0	20
04:43	Dest.	El Far'a Camp	Outbound		19	20
04:44	Origin	'Urif	Inbound		1	20
04:45	Dest.	Huwwara- Jamma'in- zeita	Outbound		20	20
04:51	Origin	Jamma'in	Inbound		0	20



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Ya'qoup Abuhantash Jihad Kalboneh
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>NABLUS EASTERN TERMINAL</b>
<b>N. BUS STALLS:</b>	<b>20 (1 large, 19 small) N. OF ROUTES: 10</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
04:51	Origin	El Far'a Camp	Inbound		0	20
04:52	Origin	Tubas	Inbound		0	20
04:54	Dest.	Beita	Outbound		19	20
04:55	Dest.	Einabus - 'Urif	Outbound		12	20
04:58	Dest.	Beita	Outbound		0	20
05:02	Dest.	El Far'a Camp	Outbound		19	20
05:04	Dest.	Tammun	Outbound		10	20
05:07	Origin	Beita	Inbound		1	20
05:07	Dest.	Tubas	Outbound		6	20
05:08	Dest.	Tubas- El Far'a Camp	Outbound		19	20
05:09	Dest.	Huwwara - 'Einabus- Jamma'in- zeita	Outbound		19	20
05:10	Origin	Jamma'in	Inbound		0	20
05:15	Dest.	Beit Furik	Outbound		0	20
05:15	Dest.	Beita	Outbound		19	20
05:16	Dest.	Beit Furik	Outbound		19	20
05:17	Origin	Beita	Inbound		0	20
05:17	Dest.	Aqraba	Outbound		19	20
05:18	Origin	Beit Furik	Inbound		2	20
05:21	Dest.	Aqraba	Outbound		14	20
05:25	Origin	El Far'a Camp	Inbound		2	20
05:26	Dest.	Beit Furik	Outbound		0	20
05:36	Dest.	Beita	Outbound		15	20
05:40	Dest.	Jamma'in - Zeita	Outbound		19	20
05:41	Dest.	Jamma'in - Zeita	Outbound		1	20
05:45	Dest.	Aqraba	Outbound		2	20
05:48	Dest.	Tammun	Outbound		7	20
05:52	Dest.	Tammun- Al Badhan	Outbound		6	20
05:54	Dest.	El Far'a Camp	Outbound		20	20
06:03	Dest.	Beita	Outbound		14	20
06:08	Dest.	Beita	Outbound		19	20
06:20	Dest.	Al Badhan	Outbound		19	20

Tab 14. Time Schedules & Fare Structures of Nablus Eastern Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name: Jihad Kalbone
Act.01: Survey of Main PT Bus Terminals	Date: 15/2/2016

BUS TERMINAL:	Nablus Eastern Terminal		
N. BUS STALLS:	20	N. OF ROUTES:	10

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	Nablus-Beita	6:30 am - 6:00 pm ( Morning Every 15 Min, Evening On Full )	Huwwara	3
			Beita	4
2	Nablus- 'Urif	6:30 am - 5:15 pm ( Morning Every 10 Min, Evening On Full)	'Einabus	4
			'Urif	4
3	Nablus-'Awarta	6:30 am - 5:30 pm (Morning Every 20 Min, Evening On Full)	Awarta	4
4	Nablus-Jamma'in	7:00 am - 5:30 pm (Every 10-20 min)	Zeita Jamma'in	5
5	Nablus-Haris	7:00 am - 4:00 ( Every 15 to 60 min)	Marda	7
			Kifl Haris	7
			Qira	7
			Haris	7
6	Nablus-Beit Furik	6:30 am - 5:30 pm ( Every 10 to 15 min)	Beit Furik	3
7	Nablus-Salfit	1:00 pm - 4:00 pm (Every 60 min)	Salfit	7
8	Nablus-Aqraba	7:00 am - 6:00 pm (Every 60 min )	Aqraba	7
9	Nablus-El Far'a Camp	7:00 am - 8:00 pm ( Every 30 min )	El Far'a Camp	6
10	Nablus-Tammun	6:30 am - 6:30 (On Full )	Al Far'a	5
			Al Badhan	5
			Tammun	6

Tab 15. Jericho Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name:	Muhanad Joher
Act.01: Survey of Main PT Bus Terminals	Date:	15/2/2016

BUS TERMINAL:	JERICHO	total: 8
N. BUS STALLS:	6	N. OF ROUTES: active after 3:15: 2

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
03:30	Dest.	Allenby Bridge	Outbound		50	50
03:48	Origin	Allenby Bridge	Inbound		48	50
04:00	Origin	Allenby Bridge	Inbound		35	50
04:03	Dest.	Allenby Bridge	Outbound		53	53
04:20	Dest.	Allenby Bridge	Outbound		50	50
04:25	Origin	Allenby Bridge	Inbound		45	53
04:30	Origin	Allenby Bridge	Inbound		37	51
04:40	Origin	Allenby Bridge	Inbound		35	51
04:40	Dest.	Allenby Bridge	Outbound		50	50
05:00	Origin	Allenby Bridge	Inbound		35	50
05:05	Dest.	Allenby Bridge	Outbound		50	50
05:15	Origin	Allenby Bridge	Inbound		45	53
05:25	Dest.	Allenby Bridge	Outbound		51	51
05:35	Origin	Allenby Bridge	Inbound		50	50
05:45	Dest.	Allenby Bridge	Outbound		51	51
05:57	Origin	Allenby Bridge	Inbound		50	53
06:05	Dest.	Allenby Bridge	Outbound		47	53
06:20	Origin	Allenby Bridge	Inbound		46	51
06:40	Dest.	Allenby Bridge	Outbound		45	50
07:05	Origin	Allenby Bridge	Inbound		25	53

Tab 16. Time Schedules & Fare Structures of Jericho Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name: Muhannad Joher
Act.01: Survey of Main PT Bus Terminals	Date: 15/2/2016

BUS TERMINAL:	Jericho
N. BUS STALLS:	6
N. OF ROUTES:	8

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	Allenby Bridge - Jericho border	(Actual: Every 60 min) (law : Every 45 min)	Jericho border crossing	10
2	Allenby Bridge - Hebron	(Actual: Every 60 min) (law : Every 90 min)	Hebron	22,5
			Al 'Arrub Camp	22,5
			Beit 'Amra	22,5
			Halhul	22,5



Tab 17. Ramallah Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Soliman Adeeb Khreisha Ahmad Jamal Marshoud
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>RAMALLAH</b>
<b>N. BUS STALLS:</b>	<b>43</b>
<b>N. OF ROUTES:</b>	<b>22</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
2:42	Dest.	Jenin	Outbound	Mercedes	36	59
03:00	Origin	Beit Surik	Inbound		5	20
03:15	Dest.	Beit 'Anan	Outbound		19	19
03:16	Origin	Beit Liqya	Inbound		0	20
03:17	Dest.	Beit Liqya	Outbound		19	19
03:18	Dest.	Sinjil	Outbound		19	19
03:18	Origin	Al Bireh	Inbound		19	20
03:19	Origin	Al Jalazun Camp	Inbound		15	20
03:20	Dest.	Deir Abu Mash'al	Outbound		19	19
03:20	Dest.	Tulkarem	Outbound		19	55
03:20	Origin	Deir Dibwan	Inbound		3	20
03:22	Dest.	Beit 'Ur	Outbound		19	19
03:24	Dest.	Beit 'Anan	Outbound		17	19
03:24	Origin	Sinjil	Inbound		1	20
03:26	Dest.	Deir Dibwan	Outbound		19	19
03:27	Origin	Beit 'Anan	Inbound		4	20
03:28	Dest.	Beit Liqya	Outbound		19	19
03:28	Dest.	Atoof	Outbound		5	19
03:29	Dest.	Beit Surik	Outbound		19	19
03:29	Origin	Deir Abu Mash'al	Inbound		0	20
03:30	Dest.	Anata	Outbound		19	19
03:30	Dest.	Deir Abu Mash'al	Outbound		14	19
03:30	Origin	Deir Abu Mash'al	Inbound		0	20
03:30	Origin	Beit Iksa	Inbound		20	20
03:31	Dest.	At Tayba	Outbound		19	19
03:31	Dest.	Nablus	Outbound		55	55
03:32	Origin	Beit Liqya	Inbound		0	20
03:32	Dest.	Burqa	Outbound		19	19
03:33	Origin	Deir Abu Mash'al	Inbound		2	20
03:33	Dest.	Jerusalem	Outbound		18	19
03:33	Dest.	Jericho	Outbound		19	19
03:34	Origin	Nablus	Inbound		19	20
03:34	Dest.	Beit Iksa	Outbound		55	55



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Soliman Adeeb Khreisha Ahmad Jamal Marshoud
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>RAMALLAH</b>	
<b>N. BUS STALLS:</b>	<b>43</b>	<b>N. OF ROUTES: 22</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
03:37	Origin	Sinjl	Inbound		10	20
03:37	Dest.	Beit Liqya	Outbound		19	19
03:38	Dest.	Jerusalem	Outbound		55	55
03:39	Dest.	Nablus	Outbound		0	55
03:40	Origin	Deir Dibwan	Inbound		15	20
03:43	Origin	Surda	Inbound		19	20
03:43	Dest.	Beit 'Anan	Outbound		19	19
03:44	Origin	Beit 'Ur	Inbound		0	20
03:45	Dest.	Beit Liqya	Outbound		19	19
03:46	Dest.	Burqa-Deir Dibwan	Outbound		16	19
03:47	Origin	Beit Iksa	Inbound		3	20
03:50	Dest.	Jerusalem	Outbound		50	55
03:50	Origin	Jerusalem- border	Inbound		10	55
03:50	Origin	Al Jalazun Camp	Inbound		10	20
03:51	Origin	Beit 'Anan	Inbound		4	20
03:51	Dest.	Al Jalazun Camp	Outbound		19	19
03:52	Origin	Beit Surik	Inbound		19	20
03:52	Dest.	Beit Surik	Outbound		19	19
03:53	Dest.	Jerusalem	Outbound		39	39
03:53	Dest.	Beit 'Anan	Outbound		19	19
03:54	Dest.	Deir Abu Mash'al	Outbound		19	19
03:55	Origin	Anata	Inbound		14	20
03:55	Dest.	Deir Dibwan	Outbound		19	19
03:56	Dest.	Beit Liqya	Outbound		19	19
03:58	Dest.	Nablus	Outbound		55	55
03:59	Dest.	Deir Jarir	Outbound		19	19
04:00	Origin	Al Jalazun Camp	Inbound		8	20
04:00	Dest.	Beit Surik	Outbound		19	19
04:02	Origin	Beit 'Anan	Inbound		4	20
04:03	Dest.	Sinjl	Outbound		19	19
04:04	Origin	Nablus	Inbound		25	25
04:04	Dest.	Beit 'Anan	Outbound		19	19
04:04	Dest.	Beit 'Ur	Outbound		19	19



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name:	Soliman Adeeb Khreisha Ahmad Jamal Marshoud
Act.01: Survey of Main PT Bus Terminals	Date:	15/2/2016

BUS TERMINAL:	RAMALLAH	
N. BUS STALLS:	43	N. OF ROUTES: 22

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
04:05	Dest.	Deir Dibwan	Outbound		19	19
04:06	Origin	Jerusalem	Inbound		19	20
04:07	Dest.	Beit Surik	Outbound		18	19
04:08	Origin	Jericho	Inbound		19	20
04:08	Dest.	Beit Liqya	Outbound		19	19
04:09	Dest.	Jerusalem	Outbound		19	19
04:10	Origin	Jerusalem	Inbound		50	55
04:10	Dest.	Deir Abu Mash'al	Outbound		19	19
04:12	Origin	Deir Abu Mash'al	Inbound		0	20
04:14	Dest.	Beit 'Anan	Outbound		19	19
04:15	Origin	Al Mazra'a ash Sharqiya	Inbound		0	20
04:15	Dest.	Beit Liqya	Outbound		19	19
04:16	Origin	Deir Abu	Inbound		1	20
04:16	Dest.	A'rora	Outbound		17	19
04:17	Dest.	Biddu	Outbound		18	19
04:18	Dest.	East Jerusalem	Outbound		55	55
04:19	Origin	Beit Liqya	Inbound		0	20
04:19	Dest.	Beit 'Anan	Outbound		16	19
04:21	Origin	East Jerusalem	Inbound		20	20
04:21	Origin	Beit 'Anan	Inbound		0	20
04:22	Origin	Beit 'Ur	Inbound		18	20
04:22	Dest.	Deir Dibwan	Outbound		19	19
04:23	Dest.	East Jerusalem	Outbound		19	19
04:24	Dest.	Beit Liqya	Outbound		19	19
04:26	Dest.	Deir Abu Mash'al	Outbound		19	19
04:26	Dest.	Anata	Outbound		19	19
04:27	Dest.	Beit 'Anan	Outbound		19	19
04:27	Dest.	East Jerusalem	Outbound		19	19
04:27	Dest.	Beit Liqya	Outbound		19	19
04:28	Dest.	Beit Surik	Outbound		19	19
04:28	Dest.	Beit Iksa	Outbound		55	55

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Soliman Adeeb Khreisha Ahmad Jamal Marshoud
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>RAMALLAH</b>
<b>N. BUS STALLS:</b>	<b>43</b>
<b>N. OF ROUTES:</b>	<b>22</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
04:29	Origin	Rammun	Inbound		0	20
04:29	Dest.	Nablus	Outbound		55	55
04:30	Origin	Beit Surik	Inbound		8	20
04:30	Dest.	Jericho	Outbound		19	19
04:30	Dest.	Deir Jarir	Outbound		19	19
04:31	Origin	Beit Liqya	Inbound		2	20
04:31	Dest.	Deir Dibwan	Outbound		19	19
04:32	Origin	Za'tara	Inbound		0	20
04:32	Dest.	Al Mazra'a ash Sharqiya - Sinjil	Outbound		19	19
04:35	Dest.	Beit Iksa	Outbound		9	19
04:36	Dest.	Beit Liqya	Outbound		19	19
04:37	Dest.	Silwad	Outbound		15	19
04:38	Dest.	Deir Abu Mash'al	Outbound		19	19
04:38	Dest.	Biddu	Outbound		19	19
04:39	Dest.	Beit 'Ur	Outbound		18	18
04:42	Origin	East Jerusalem	Inbound		10	20
04:43	Origin	Sinjil	Inbound		0	20
04:44	Origin	Beit Liqya	Inbound		0	20
04:44	Dest.	Beit 'Anan	Outbound		19	19
04:45	Origin	Beit Surik	Inbound		0	20
04:45	Dest.	East Jerusalem	Outbound		19	19
04:47	Dest.	Al Jalazun Camp	Outbound		19	19
04:48	Dest.	Sinjil	Outbound		19	19
04:48	Dest.	Rammun	Outbound		19	19
04:49	Origin	Sinjil	Inbound		1	20
04:49	Dest.	Deir Dibwan	Outbound		19	19
04:51	Origin	Beit Liqya	Inbound		19	20
04:51	Origin	Rammun	Inbound		19	20
04:51	Dest.	Beit Surik	Outbound		19	19
04:52	Origin	Burqa	Inbound		0	20
04:52	Dest.	Beit Liqya	Outbound		19	19
04:53	Origin	Deir Abu Mash'al	Inbound		0	20

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Soliman Adeeb Khreisha Ahmad Jamal Marshoud
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>RAMALLAH</b>	<b>N. OF ROUTES:</b>	<b>22</b>
<b>N. BUS STALLS:</b>	<b>43</b>		

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
04:54	Origin	Rammun	Inbound		0	20
04:54	Dest.	Deir Dibwan	Outbound		19	19
04:56	Origin	Deir Dibwan	Inbound		16	20
04:56	Dest.	Deir Abu Mash'al	Outbound		19	19
04:57	Origin	Deir Dibwan	Inbound		0	20
04:57	Dest.	Jerusalem	Outbound		19	19
04:58	Origin	Beit Liqya	Inbound		2	20
04:59	Origin	Beit Liqya	Inbound		0	20
05:00	Origin	East Jerusalem	Inbound		50	55
05:00	Dest.	Beit Surik	Outbound		19	19
05:01	Dest.	'Abwein	Outbound		19	19
05:02	Dest.	Nablus	Outbound		19	19
05:03	Origin	East Jerusalem	Inbound		19	22
05:03	Dest.	Al Jalazun Camp	Outbound		19	19
05:05	Origin	East Jerusalem	Inbound		51	63
05:07	Origin	Beit Surik	Inbound		0	20
05:07	Dest.	At Tayba-Deir Jarir	Outbound		19	19
05:08	Dest.	East Jerusalem	Outbound		19	22
05:09	Origin	Beit 'Anan	Inbound		0	20
05:09	Dest.	Beit Surik	Outbound		19	19
05:10	Dest.	Nablus	Outbound		50	55
05:10	Dest.	Deir Dibwan	Outbound		16	19
05:13	Dest.	Silwad	Outbound		13	16
05:13	Dest.	Beit Liqya	Outbound		19	19
05:15	Origin	Bab Al'amood	Inbound		55	55
05:15	Dest.	Beit 'Anan	Outbound		19	19
05:17	Dest.	East Jerusalem	Outbound		0	19
05:18	Origin	Beit Liqya	Inbound		3	20
05:18	Dest.	Nablus	Outbound		19	19
05:19	Dest.	Beit 'Ur	Outbound		19	19

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Soliman Adeeb Khreisha Ahmad Jamal Marshoud
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>RAMALLAH</b>	
<b>N. BUS STALLS:</b>	<b>43</b>	<b>N. OF ROUTES: 22</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
05:20	Origin	Deir Abu Mash'al	Inbound		0	
05:20	Dest.	Sinjl	Outbound		16	19
05:20	Dest.	Deir Abu Mash'al	Outbound		18	19
05:20	Dest.	Jerusalem	Outbound		55	55
05:21	Dest.	Beit Surik	Outbound		19	19
05:22	Origin	East Jerusalem	Inbound		55	75
05:23	Origin	Beit Iksa	Inbound		55	55
05:23	Dest.	Jericho	Outbound		19	19
05:24	Origin	Deir Dibwan	Inbound		0	20
05:25	Dest.	Jerusalem	Outbound		0	50
05:26	Origin	Beit 'Anan	Inbound		0	20
05:27	Dest.	Deir Jarir	Outbound		19	19
05:27	Dest.	Deir Dibwan	Outbound		19	19
05:28	Dest.	Deir Abu Mash'al	Outbound		19	19
05:28	Dest.	Beit 'Anan	Outbound		19	19
05:29	Origin	Beit Liqya	Inbound		0	20
05:30	Origin	East Jerusalem	Inbound		11	20
05:30	Origin	Jericho	Inbound		0	20
05:30	Dest.	Beit Surik	Outbound		19	19
05:31	Origin	Jerusalem	Inbound		12	20
05:31	Dest.	Jerusalem	Outbound		34	34
05:31	Dest.	Beit Liqya	Outbound		19	19
05:33	Dest.	Nablus	Outbound		19	19
05:34	Dest.	Deir Dibwan	Outbound		19	19
05:34	Dest.	Beit 'Anan	Outbound		13	13
05:35	Dest.	Al Jalazun Camp	Outbound		1	19
05:35	Dest.	Beit Iksa	Outbound		20	55
05:36	Dest.	East Jerusalem	Outbound		11	19
05:38	Dest.	Anata	Outbound		16	18
05:40	Origin	East Jerusalem	Inbound		50	55

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Soliman Adeeb Khreisha Ahmad Jamal Marshoud
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>RAMALLAH</b>	<b>N. OF ROUTES:</b>	<b>22</b>
<b>N. BUS STALLS:</b>	<b>43</b>		

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
05:43	Origin	East Jerusalem	Inbound		37	47
05:43	Dest.	East Jerusalem	Outbound		0	37
05:46	Origin	Beit Surik	Inbound		19	20
05:46	Dest.	Beit Surik	Outbound		19	19
05:49	Dest.	Nablus	Outbound		14	19
05:49	Dest.	East Jerusalem	Outbound		16	19
05:50	Origin	Nablus	Inbound		15	20
05:52	Origin	Deir Dibwan	Inbound		0	20
05:53	Origin	Jericho	Inbound		4	20
05:54	Dest.	Beit Liqya	Outbound		19	19
05:55	Dest.	Deir Dibwan	Outbound		20	19
05:57	Dest.	East Jerusalem	Outbound		12	55
05:59	Dest.	Beit 'Anan	Outbound		19	19
06:00	Origin	Al Jalazun Camp	Inbound		2	20
06:06	Dest.	At Tayba	Outbound		13	19
06:08	Origin	Deir Abu Mash'al	Inbound		0	20
06:10	Dest.	Beit Surik	Outbound		22	19
06:13	Dest.	Deir Abu Mash'al	Outbound		21	19
06:14	Dest.	Beit 'Ur	Outbound		19	19
06:14	Dest.	Jericho	Outbound		19	19
06:14	Dest.	Anata	Outbound		18	19
06:15	Dest.	Beit Liqya	Outbound		19	19
06:16	Dest.	Nablus	Outbound		14	19
06:17	Origin	East Jerusalem	Inbound		55	59
06:17	Dest.	Deir Dibwan	Outbound		19	19
06:18	Origin	East Jerusalem	Inbound		55	55
06:20	Origin	East Jerusalem	Inbound		55	60



Tab 18. Time Schedules & Fare Structures of Ramallah Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Ahmad Jamal Marshoud
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b> 15/2/2016

<b>BUS TERMINAL:</b>	<b>Ramallah</b>
<b>N. BUS STALLS:</b>	<b>43</b>
<b>N. OF ROUTES:</b>	<b>22</b>

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	Ramallah-Nablus	7:00 am-6:30 pm (Every 30 min)	As Sawiya, Al Lubban ash Sharq	7
			Za'tara	8
			Huwwara, Nablus	10,5
2	Ramallah-Jenin	11:00 am-3:30 pm (Every 60 min)	Silat adh Dhahr	15
			Jaba' Intersection	15
			Ya'bad Intersection	17
			Jenin	19
3	Ramallah-Tulkarm	10:00 am-4:00 pm (Every 60 min)	Jamma'in, Marda	11
			Kifl Haris, Haris	11
			Al Funduq, Deir Istiya	12
			Tulkarm	16
4	Ramallah-Qalqiliya	10:00 am-4:00 pm (Every 60 min)	Jamma'in, Marda	11
			Kifl Haris, Haris	11
			Al Funduq, Deir Istiya	12
			Qalqiliya, 'Azzun	16
5	Ramallah-Deir Abu Mash'al	7:15 am-6:30 pm (Every 30 min)	Umm Safa	6
			Deir Nidham, An Nabi Salih	7
			Deir Abu Mash'al	7,5
6	Ramallah-Beit Iksa	12:30 pm-6:00 pm (Every 60 min)	Biddu	5
			Beit Iksa	6



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Ahmad Jamal Marshoud
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b> 15/2/2016

<b>BUS TERMINAL:</b>	<b>Ramallah</b>
<b>N. BUS STALLS:</b>	<b>43</b>
<b>N. OF ROUTES:</b>	<b>22</b>

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
7	Ramallah-Jericho	7:30 am-6:00 pm (Every 30 min)	Badiw al Mu'arrajat, Aqbat Jaber Camp, Jericho	12
8	Ramallah-Tubas	12:00 pm-3:30 pm (Every 180 min)	Tubas	17
9	Ramallah-Beit Surik	12:00 pm-7:00 pm (Every 20 min)	Al Jib, Biddu, Bir Nabala	5
			Beit Surik	5
10	Ramallah-Beit 'Anan	12:00 pm-7:00 pm (Every 20 min)	Al Jib, Biddu, Bir Nabala	5
			Al Qubeiba	5
			Beit 'Anan	5
11	Ramallah-Qatanna	1:30 am-8:30 pm (Every 30 min)	Al Jib, Biddu, Bir Nabala	5
			Al Qubeiba	5
			Qatanna	6
12	Ramallah-Silwad	7:15 am-5:30 pm (Every 60 min)	Silwad	5
13	Ramallah-Deir Dibwan	7:00 am-6:30 pm (Every 15 min)	Beitin	5
			Deir Dibwan, Burqa	6
14	Ramallah-Beit Liqya	7:00 am-6:30 pm (Every 30 min)	Beit Liqya	6
15	Ramallah-Beit Sira	6:45 am-6:30 pm (Every 30 min)	Beit 'Ur, At Tira.	6
			Saffa	6
			Beit Sira	6
16	Ramallah-Sinjil	7:30 am-6:00 (Every 30 min)	Sinjil	8
17	Ramallah-'Anata	7:00 am-6:00 pm (Every 30 min)	Hizma, 'Anata, Shouafat	6
18	Ramallah-Hebron	12:00 pm-2:00 pm (2 Buses Only/ Every 120 min)	Hebron	18
19	Ramallah-Al Jalazun Camp	7:30 am-6:00 pm (Every 15 min)	Al Jalazun Camp, Al Bireh	2,5
			Jifna	3,5
20	Ramallah-East Jerusalem	5:30 am-9:00 pm (Every 7 min)	Qalandiya, Jerusalem	7,6



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Ahmad Jamal Marshoud
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b> 15/2/2016

<b>BUS TERMINAL:</b>	<b>Ramallah</b>
<b>N. BUS STALLS:</b>	<b>43</b>
<b>N. OF ROUTES:</b>	<b>22</b>

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
			Shouafat, Beit Hanina al Balad	7,6
			Ash Sheikh Jarrah	7,6
21	Ramallah-Rammun	9:00 am-6:30 pm (Every 60 min)	Al Bireh, 'Ein Yabrud	5
			At Tayba, Deir Jarir	5
			Rammun	7
22	Ramallah- 'Abwein	NA	Abwein	NA

Tab 19. Bir Zayt Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Amr Souf
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>BIR ZAYT UNIVERSITY</b>	
<b>N. BUS STALLS:</b>	<b>5 (3 large, 17 small)</b>	<b>N. OF ROUTES:</b> 2

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
03:17	Dest.	Ramallah	Outbound	Volvo 2005	55	55
03:21	Dest.	Bir Zayt	Outbound	Mercedes 2005	19	19
03:23	Dest.	Bir Zayt	Outbound	Mercedes 2000	19	19
03:27	Dest.	Bir Zayt	Outbound	Mercedes 2005	19	19
03:30	Dest.	Ramallah	Outbound	Mercedes 2005	55	55
03:30	Dest.	Bir Zayt	Outbound	Mercedes 2001	19	19
03:30	Dest.	Bir Zayt	Outbound	Mercedes 2005	19	19
03:35	Dest.	Bir Zayt	Outbound	Mercedes 2005	19	19
03:35	Dest.	Ramallah	Outbound	Volvo 2005	55	55
03:35	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
03:37	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
03:40	Dest.	Bir Zayt	Outbound	Mercedes 2000	19	19
03:41	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
03:42	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
03:44	Dest.	Ramallah	Outbound	Mercedes 2001	19	19
03:44	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
03:47	Dest.	Bir Zayt	Outbound	Mercedes 1999	19	19
03:47	Dest.	Bir Zayt	Outbound	Mercedes 2000	19	19
03:47	Origin	Ramallah	Inbound	DAF 2005	0	55
03:47	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
03:49	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
03:50	Dest.	Bir Zayt	Outbound	Mercedes 2001	19	19
03:50	Origin	Bir Zayt	Inbound	Mercedes 2000	0	19
03:52	Dest.	Bir Zayt	Outbound	Mercedes 2002	19	19
03:53	Dest.	Ramallah	Outbound	Daf 2005	55	55
03:53	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
03:53	Origin	Bir Zayt	Inbound	Mercedes 2000	0	19
03:54	Dest.	Bir Zayt	Outbound	Mercedes 2001	19	19
03:56	Dest.	Bir Zayt	Outbound	Mercedes 2001	19	19
03:58	Origin	Bir Zayt	Inbound	Mercedes 2003	0	19
03:59	Dest.	Bir Zayt	Outbound	Mercedes 2005	19	19
04:00	Dest.	Bir Zayt	Outbound	Mercedes 2000	19	19
04:00	Dest.	Bir Zayt	Outbound	Mercedes 2000	19	19
04:00	Dest.	Ramallah	Outbound	Mercedes 2000	19	19
04:00	Origin	Ramallah	Inbound	Mercedes 2005	0	19
04:03	Origin	Ramallah	Inbound	Irizar 2005	0	55
04:03	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:05	Dest.	Ramallah	Outbound	Mercedes 2002	19	19
04:06	Dest.	Bir Zayt	Outbound	Mercedes 2002	18	19

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Amr Souf
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>BIR ZAYT UNIVERSITY</b>	
<b>N. BUS STALLS:</b>	<b>5 (3 large, 17 small)</b>	<b>N. OF ROUTES:</b> 2

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
04:06	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:07	Origin	Bir Zayt	Inbound	Mercedes 2000	0	19
04:07	Origin	Bir Zayt	Inbound	Mercedes 2003	0	19
04:09	Dest.	Bir Zayt	Outbound	Mercedes 2002	19	19
04:10	Dest.	Bir Zayt	Outbound	Mercedes 2002	19	19
04:13	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:14	Dest.	Bir Zayt	Outbound	Mercedes 2003	19	19
04:15	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:15	Origin	Ramallah	Inbound	Volvo 2007	0	55
04:16	Dest.	Bir Zayt	Outbound	Mercedes 2003	19	19
04:20	Dest.	Bir Zayt	Outbound	Mercedes 2003	19	19
04:21	Dest.	Bir Zayt	Outbound	Irizar 2005	50	55
04:23	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:24	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:25	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:28	Dest.	Bir Zayt	Outbound	Mercedes 2003	19	19
04:31	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:33	Dest.	Bir Zayt	Outbound	Mercedes 2005	19	19
04:35	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:37	Dest.	Bir Zayt	Outbound	Mercedes 2003	19	19
04:40	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:40	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:41	Dest.	Bir Zayt	Outbound	Mercedes 2002	0	19
04:41	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:45	Dest.	Ramallah	Outbound	Volvo 2007	40	55
04:45	Origin	Ramallah	Inbound	Mercedes 2002	0	19
04:46	Dest.	Bir Zayt	Outbound	Mercedes 2003	19	19
04:48	Origin	Bir Zayt	Inbound	Mercedes 2002	0	19
04:50	Dest.	Bir Zayt	Outbound	Mercedes 2003	17	19
04:50	Origin	Bir Zayt	Inbound	Mercedes 2000	0	19
04:50	Origin	Bir Zayt	Inbound	Mercedes 2000	0	19
04:52	Dest.	Bir Zayt	Outbound	Mercedes 2002	19	19
04:53	Origin	Ramallah	Inbound	Mercedes 2007	0	19
04:54	Dest.	Bir Zayt	Outbound	Mercedes 2005	19	19
04:57	Origin	Bir Zayt	Inbound	Mercedes 2000	0	19
04:59	Dest.	Bir Zayt	Outbound	Mercedes 2002	19	19
05:06	Dest.	Bir Zayt	Outbound	Mercedes 2002	18	19
05:07	Origin	Bir Zayt	Inbound	Mercedes 2005	0	19
05:09	Dest.	Ramallah	Outbound	Mercedes 2002	15	19



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name:	Amr Souf
Act.01: Survey of Main PT Bus Terminals	Date:	15/2/2016

BUS TERMINAL:	BIR ZAYT UNIVERSITY	
N. BUS STALLS:	5 (3 large, 17 small)	N. OF ROUTES: 2

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
05:10	Dest.	Bir Zayt	Outbound	Mercedes 2002	0	19
05:15	Dest.	Ramallah	Outbound	Mercedes 2002	5	19
05:19	Dest.	Bir Zayt	Outbound	Mercedes 2002	9	19
05:35	Dest.	Bir Zayt	Outbound	Mercedes 2002	6	19

Tab 20. Time Schedules & Fare Structures of Bir Zayt Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name: Amr Souf
Act.01: Survey of Main PT Bus Terminals	Date: 15/2/2016

BUS TERMINAL:	Bir Zayt University
N. BUS STALLS:	5(2 large, 3 Small )
N. OF ROUTES:	2

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	Bir Zayt University-Bir Zayt	7:00 am - 5:30 (Every 15 min)	Bir Zayt	2
2	Bir Zayt University-Ramallah	7:00 am - 5:30 ( Every 15 min )	Abu Qash	2,5
			Ramallah	3,5



Tab 21. Bethlehem Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Oday Assaf Mo'taz Abu_Eisheh
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>BETHLEHEM</b>
<b>N. BUS STALLS:</b>	<b>8</b>
<b>N. OF ROUTES:</b>	<b>4</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
03:15	Origin	Beit Fajjar	Inbound		5	19
03:55	Dest.	Beit Fajjar	Outbound		19	19
04:05	Dest.	Hebron	Outbound		25	25
04:10	Origin	Hebron	Inbound		2	19
04:15	Dest.	Hebron	Outbound		19	19
04:22	Dest.	Al Walaja	Outbound		15	19
04:25	Origin	Al Walaja	Inbound		2	19
04:29	Origin	Arqoup	Inbound		0	19
04:31	Dest.	Arqoup	Outbound		12	19
04:32	Origin	Arqoup	Inbound		0	19
04:37	Origin	Beit Fajjar	Inbound		0	19
04:42	Dest.	Beit Fajjar	Outbound		19	19
04:49	Origin	Hebron	Inbound		30	50
04:54	Dest.	Beit Fajjar	Outbound		17	19
04:55	Dest.	Al Walaja	Outbound		18	18
04:59	Origin	Hebron	Inbound		5	19
05:03	Dest.	Hebron	Outbound		20	50
05:07	Origin	Arqoup	Inbound		0	19
05:09	Origin	Al Walaja	Inbound		4	19
05:10	Dest.	Arqoup	Outbound		14	19
05:11	Dest.	Hebron	Outbound		19	19
05:12	Dest.	Beit Fajjar	Outbound		16	16
05:13	Origin	Hebron	Inbound		2	19
05:24	Dest.	Arqoup	Outbound		4	19
05:25	Origin	Arqoup	Inbound		0	19
05:26	Dest.	Hebron	Outbound		19	19
05:33	Origin	Hebron	Inbound		7	19
05:38	Dest.	Arqoup	Outbound		10	19
05:40	Dest.	Hebron	Outbound		17	19
05:41	Origin	Beit Fajjar	Inbound		0	19
05:42	Dest.	Beit Fajjar	Outbound		19	19
05:42	Origin	Al Walaja	Inbound		0	19
05:45	Dest.	Arqoup	Outbound		12	19
06:04	Origin	Hebron	Inbound		2	19
06:10	Dest.	Al Walaja	Outbound		0	19
06:20	Dest.	Hebron	Outbound		11	19
06:22	Origin	Hebron	Inbound		4	19
06:45	Dest.	Hebron	Outbound		2	19



Tab 22. Time Schedules & Fare Structures of Bethlehem Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name: Oday Assaf
Act.01: Survey of Main PT Bus Terminals	Date: 15/2/2016

BUS TERMINAL:	Bethlehem
N. BUS STALLS:	8
N. OF ROUTES:	4

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	Bethlehem-Beit Fajjar	Every 30 min	Beit Fajjar	5
2	Bethlehem-Hebron	Every 30 min	Hebron	6
3	Bethlehem-Al Walaja	Every 30 min	Al Walaja	3
4	Bethlehem-Arqoup	Every 30 min	Arqoup	5,5

Tab 23. East Jerusalem Al Musrara / Al Anbya' Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Ahmad Shqair
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM - AL MUSRARA / AL ANBYA'</b>
<b>N. BUS STALLS:</b>	<b>10</b>
<b>N. OF ROUTES:</b>	<b>5</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
04:30	Dest.	Beit Safafa	Outbound	Mercedes 2005	20	20
04:30	Dest.	Sur Bahir	Outbound	Solar 2015	36	92
04:33	Origin	Bethlehem	Inbound		7	22
04:35	Origin	Beit safafa	Inbound	Mercedes 2005	0	20
04:35	Origin	Sur Bahir	Inbound	Mercedes 2006	5	20
04:36	Origin	Beit Jala	Inbound	Mercedes 2005	20	20
04:45	Dest.	Bethlehem Border Crossing	Outbound	Mercedes 2004	26	55
04:46	Origin	Beit safafa	Inbound	Mercedes 2015	16	22
04:46	Origin	Beit safafa	Inbound	Mercedes 2015	1	22
04:50	Dest.	Bethlehem	Outbound	Volvo 2011	30	55
04:55	Origin	Bethlehem	Inbound	Volvo 2015	33	92
04:58	Origin	Beit Jala	Inbound	Volvo 2010	50	50
05:00	Origin	Bethlehem	Inbound	Mercedes 2006	40	65
05:00	Origin	Bethlehem	Inbound	Mercedes 2006	10	65
05:00	Dest.	Beit safafa	Outbound	Mercedes 2007	11	20
05:00	Dest.	Beit Jala	Outbound	Mercedes 2008	40	55
05:00	Dest.	Beit Safafa	Outbound	Mercedes 2005	16	20
05:00	Dest.	Imleson	Outbound	Mercedes 2007	20	50
05:02	Origin	Bethlehem	Inbound	Volvo 2015	17	92
05:03	Origin	Bethlehem	Inbound	Volvo 2015	2	92
05:05	Origin	Beit Jala	Inbound	Volvo	55	60
05:07	Origin	Bethlehem	Inbound	Mercedes 2005	9	22
05:08	Origin	Sur Bahir	Inbound	Volvo 2008	10	50
05:10	Origin	Bethlehem	Inbound	Mercedes 2008	5	55
05:10	Dest.	Beit Jala	Outbound	Mercedes 2011	0	50
05:10	Dest.	Bethlehem Border Crossing	Outbound	Mercedes	20	50
05:13	Origin	Beit safafa	Inbound	mercedes 2006	4	19
05:15	Origin	Beit jala	Inbound	Mercedes 2007	45	55
05:15	Origin	Beit safafa	Inbound	Mercedes 2005	8	19
05:15	Dest.	Beit Safafa	Outbound	Mercedes 2005	0	20
05:20	Dest.	Beit Jala	Outbound	Mercedes 2010	0	50
05:20	Dest.	Beit Jala	Outbound	Volvo 2010	0	60
05:20	Dest.	Border Crossing	Outbound		40	50
05:21	Origin	Bethlehem	Inbound	Volvo 2008	30	55

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	Ahmad Shqair
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM - AL MUSRARA / AL ANBYA'</b>
<b>N. BUS STALLS:</b>	<b>10</b>
<b>N. OF ROUTES:</b>	<b>5</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
05:24	Origin	Imleson	Inbound	Mercedes 2005	2	22
05:28	Origin	Bethlehem	Inbound	Mercedes 2009	3	65
05:30	Origin	Bethlehem	Inbound	Volvo 2008	30	65
05:30	Dest.	Beit Safafa	Outbound	Mercedes 2005	15	22
05:30	Dest.	Beit Jala	Outbound	Volvo 2008	30	50
05:32	Origin	Bethlehem	Inbound	Volvo 2010	15	52
05:40	Origin	Beit jala	Inbound	Mercedes 2010	0	55
05:53	Origin	Sur Bahir	Inbound	Mercedes 2010	0	55
05:55	Origin	Bethlehem	Inbound	Volvo 2001	15	55
05:55	Dest.	Sur Bahir	Outbound	Volvo 2001	35	55
06:00	Origin	Bethlehem	Inbound	Mercedes 2009	5	53
06:00	Dest.	Border Crossing	Outbound	Volvo 2015	32	92
06:00	Dest.	Beit Safafa	Outbound	Mercedes 2005	0	20
06:00	Dest.	Beit Jala	Outbound	Volvo 2008	54	55
06:07	Origin	beit jala	Inbound	Volvo 2015	46	92
06:08	Origin	Beit safafa	Inbound	Mercedes 2005	5	19
06:10	Origin	Beit safafa	Inbound	Mercedes 2005	3	19
06:16	Origin	Bethlehem	Inbound	Mercedes 2005	6	22
06:20	Dest.	Sur Bahir	Outbound	Volvo 2010	32	55
06:23	Origin	Beit Jala	Inbound	Volvo 2015	60	70
06:24	Origin	Sur Bahir	Inbound	Mercedes 2006	1	20
06:27	Origin	Bethlehem	Inbound	Volvo 2015	15	92
06:30	Dest.	Beit Jala	Outbound	Mercedes 2008	0	55
06:30	Dest.	Beit Safafa	Outbound	Mercedes 2005	12	20
06:40	Origin	Beit safafa	Inbound	Mercedes 2005	0	19
06:41	Origin	Beit safafa	Inbound	Volvo 2015	6	19
06:45	Origin	Bethlehem	Inbound	Volvo 2005	10	92
06:45	Dest.	B Crossing	Outbound	Volvo 2005	20	55
06:50	Origin	Imleson	Inbound	Mercedes 2005	3	19
06:51	Origin	Bethlehem	Inbound	Mercedes 2009	1	65
06:55	Origin	Bethlehem	Inbound	Mertcedes 2008	13	55
06:58	Origin	Beit Jala	Inbound	Volvo 2015	10	92
06:59	Origin	Beit safafa	Inbound	Mercedes 2006	10	19
07:10	Origin	Bethlehem	Inbound	Mercedes 2005	9	23
07:12	Origin	Sur Bahir	Inbound	Mercedes 2010	2	55
07:12	Origin	Imleson	Inbound	Mercedes 2005	10	22
07:15	Origin	Bethlehem	Inbound	Mercedes 2009	5	53
07:15	Origin	Beit safafa	Inbound	Mercedes 2005	1	19

Tab 24. Time Schedules & Fare Structures of East Jerusalem Al Musrara / Al Anbya' Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Ahmad Shqair
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b> 15/2/2016

<b>BUS TERMINAL:</b>	<b>East Jerusalem Al Musrara / Al Anbya'</b>
<b>N. BUS STALLS:</b>	<b>10</b>
<b>N. OF ROUTES:</b>	<b>5</b>

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	East Jerusalem-Beit Jala	6:00 am - 7:30 pm (Every 15 min )	Bab al amood	6,8
			Bab Al khalil Tunnel	6,8
			Hebron-Jerusalem Street	6,8
			Jilo Tunnel	6,8
2	East Jerusalem-Bab al amood-Bethlehem	4:00 am - 8:30 pm (Every 15 min)	Border Crossing 300	4,7
			Bab Al khalil Tunnel	4,7
			Hebron Street	4,7
3	East Jerusalem-Beit Safafa	6:00 am - 8:00 pm (Every 20 min)	Bab al amood	4,7
			Bab Al khalil Tunnel	4,7
			Hebron Street	4,7
			Beit Safafa	4,7
4	East Jerusalem-Sur Bahir	5:30 am - 8:00 pm	Bab al amood Tunnel	4,7
		5:30 am - 11:50 am (Every 30 min)	Bab Al khalil	4,7
		11:50 am - 4:50 pm (Every 20 min)	Jorat Eli'nnab	4,7
		4:50 am - 8:00 pm (Every 30 min)	Hebron Street	4,7
			El-Teelet	4,7
			Jabal Almukapper	4,7
			Sur Bahir	4,7
5	East Jerusalem-Imleson	6:30 am - 8:00 pm (Every 30 min)	Bab al amood Tunnel	4,7
			Bab Al khalil Tunnel	4,7
			Jorat Eli'nnab	4,7
			Hebron Street	4,7
			El-Teelet	4,7
			Jabal Almukapper	4,7
			Imleson	4,7

Tab 25. East Jerusalem Nablus Road Bus Terminal Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	A'ref Al-Kurd
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM NABLUS ROAD</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
3:42	Dest.	Shufat Camp	Outbound		19	19
3:45	Dest.	Ramallah (Express)	Outbound		19	19
3:48	Dest.	Ramallah (Express)	Outbound		52	52
3:48	Dest.	Al-Issawiya	Outbound		52	52
3:49	Dest.	Beit Hanina al Balad	Outbound		11	52
3:50	Dest.	Beit Hanina al Balad (Express)	Outbound		19	19
3:50	Dest.	Ramallah	Outbound		0	19
3:52	Dest.	Ramallah (Express)	Outbound		19	19
03:52	Origin	Beit Hanina al Balad	Inbound		27	52
03:52	Origin	Beit Hanina al Balad (Express)	Inbound		15	52
03:52	Origin	Al-Issawiya	Inbound		20	52
3:53	Dest.	Anata	Outbound		19	19
3:55	Dest.	Shufat Camp	Outbound		19	19
03:56	Origin	Beit Hanina al Balad (Express)	Inbound		10	20
3:57	Dest.	Beit Hanina al Balad	Outbound		52	52
03:59	Origin	Beit Hanina al Balad	Inbound		2	20
4:00	Dest.	Beit Hanina al Balad (Express)	Outbound		52	52
04:01	Origin	Ramallah (Express)	Inbound		30	52
4:03	Dest.	Al-Issawiya	Outbound		52	52
04:03	Origin	Shufat	Inbound		8	20
4:04	Dest.	Anata	Outbound		52	52
04:04	Origin	Al-Issawiya	Inbound		12	52
04:04	Origin	Ramallah	Inbound		9	20



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	A'ref Al-Kurd
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM NABLUS ROAD</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
4:06	Dest.	Beit Hanina al Balad	Outbound		52	52
04:06	Origin	Beit Hanina al Balad	Inbound		16	52
04:06	Origin	Beit Hanina al Balad (Express)	Inbound		5	20
4:08	Dest.	Beit Hanina al Balad (Express)	Outbound		19	19
04:09	Origin	Beit Hanina al Balad(Express)	Inbound		10	20
4:10	Dest.	Al-Issawiya	Outbound		19	19
4:12	Dest.	Ramallah (Express)	Outbound		52	52
04:12	Origin	Shufat	Inbound		20	52
04:12	Origin	Beit Hanina al Balad (Express)	Inbound		2	20
4:13	Dest.	Beit Hanina al Balad	Outbound		19	19
4:14	Dest.	Shufat Camp	Outbound		58	52
04:14	Origin	Anata	Inbound		10	20
04:14	Origin	Al-Issawiya	Inbound		12	20
04:14	Origin	Beit Hanina al Balad (Express)	Inbound		8	20
04:15	Origin	Anata	Inbound		7	20
4:18	Dest.	Beit Hanina al Balad (Express)	Outbound		52	52
4:18	Dest.	Beit Hanina al Balad	Outbound		19	19
04:18	Origin	Beit Hanina al Balad	Inbound		10	20
04:19	Origin	Ramallah (Express)	Inbound		50	52

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	A'ref Al-Kurd
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM NABLUS ROAD</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
04:21	Origin	Al-Issawiya	Inbound		12	20
4:22	Dest.	Anata	Outbound		52	52
4:24	Dest.	Al-Issawiya	Outbound		52	52
4:24	Dest.	Al-Issawiya	Outbound		52	52
04:25	Origin	Anata	Inbound		12	52
04:25	Origin	Beit Hanina al Balad	Inbound		15	52
04:26	Origin	Beit Hanina al Balad (Express)	Inbound		10	20
04:26	Origin	Beit Hanina al Balad (Express)	Inbound		10	20
4:28	Dest.	Beit Hanina al Balad (Express)	Outbound		52	52
4:30	Dest.	Beit Hanina al Balad	Outbound		52	52
04:30	Origin	Beit Hanina al Balad	Inbound		4	20
04:33	Origin	Ramallah (Express)	Inbound		5	35
4:35	Dest.	Anata	Outbound		52	52
04:35	Origin	Ramallah (Express)	Inbound		3	20
4:36	Dest.	Ramallah (Express)	Outbound		52	52
4:38	Dest.	Al-Issawiya	Outbound		52	52
04:38	Origin	Beit Hanina al Balad (Express)	Inbound		6	20
04:38	Origin	Anata	Inbound		12	52
4:39	Dest.	Beit Hanina al Balad	Outbound		57	57
04:39	Origin	Beit Hanina al Balad (Express)	Inbound		11	20



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	A'ref Al-Kurd
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM NABLUS ROAD</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
4:40	Dest.	Beit Hanina al Balad (Express)	Outbound		52	52
4:41	Dest.	Ramallah (Express)	Outbound		52	52
4:42	Dest.	Anata	Outbound		19	19
04:43	Origin	Beit Hanina al Balad (Express)	Inbound		22	52
04:43	Origin	Ramallah (Express)	Inbound		5	20
4:45	Dest.	Shufat Camp	Outbound		19	19
4:47	Dest.	Ramallah (Express)	Outbound		52	52
04:47	Origin	Al-Issawiya	Inbound		22	52
04:48	Origin	Beit Hanina al Balad	Inbound		7	20
04:48	Origin	Shufat	Inbound		10	20
04:48	Origin	Shufat	Inbound		5	20
4:49	Dest.	Beit Hanina al Balad (Express)	Outbound		19	19
04:49	Origin	Beit Hanina al Balad	Inbound		5	20
04:49	Origin	Al-Issawiya	Inbound		3	20
04:50	Origin	Beit Hanina al Balad	Inbound		3	20
04:51	Origin	Ramallah (Express)	Inbound		3	20
04:51	Origin	Beit Hanina al Balad	Inbound		6	20
04:51	Origin	Ramallah (Express)	Inbound		5	20
04:54	Origin	Anata	Inbound		5	20
04:54	Origin	Beit Hanina al Balad (Express)	Inbound		4	20
4:55	Dest.	Beit Hanina al Balad	Outbound		53	57

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	A'ref Al-Kurd
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM NABLUS ROAD</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
04:55	Origin	Beit Hanina al Balad	Inbound		5	20
4:57	Dest.	Ramallah (Express)	Outbound		19	19
4:57	Dest.	Shufat Camp	Outbound		52	52
04:57	Origin	Ramallah (Express)	Inbound		7	20
04:59	Origin	Beit Hanina al Balad	Inbound		1	20
04:59	Origin	Beit Hanina al Balad (Express)	Inbound		15	52
05:00	Origin	Al-Issawiya	Inbound		5	20
5:01	Dest.	Beit Hanina al Balad (Express)	Outbound		52	52
5:03	Dest.	Al-Issawiya	Outbound		22	19
5:03	Dest.	Ramallah	Outbound		0	0
5:05	Dest.	Ramallah (Express)	Outbound		52	52
05:05	Origin	Al-Issawiya	Inbound		1	20
5:08	Dest.	Beit Hanina al Balad (Express)	Outbound		19	19
5:09	Dest.	Anata	Outbound		52	52
05:09	Origin	Beit Hanina al Balad	Inbound		5	20
05:09	Origin	Beit Hanina al Balad (Express)	Inbound		6	20
05:09	Origin	Beit Hanina al Balad	Inbound		4	20
5:10	Dest.	Ramallah (Express)	Outbound		52	52
05:10	Origin	Shufat	Inbound		4	
05:14	Origin	Shufat	Inbound		1	20
5:15	Dest.	Al-Issawiya	Outbound		48	52

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	A'ref Al-Kurd
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM NABLUS ROAD</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
5:16	Dest.	Beit Hanina al Balad (Express)	Outbound		16	19
5:17	Dest.	Anata	Outbound		19	19
05:17	Origin	Beit Hanina al Balad (Express)	Inbound		14	20
5:19	Dest.	Beit Hanina al Balad	Outbound		47	52
05:19	Origin	Al-Issawiya	Inbound		12	20
5:20	Dest.	Beit Hanina al Balad	Outbound		0	19
5:20	Dest.	Ramallah (Express)	Outbound		52	52
5:20	Dest.	Ramallah (Express)	Outbound		0	0
05:21	Origin	Beit Hanina al Balad (Express)	Inbound		5	20
5:22	Dest.	Beit Hanina al Balad	Outbound		0	0
5:24	Dest.	Shufat Camp	Outbound		52	52
5:27	Dest.	Beit Hanina al Balad	Outbound		52	57
05:27	Origin	Anata	Inbound		8	20
5:28	Dest.	Beit Hanina al Balad (Express)	Outbound		19	19
5:30	Dest.	Ramallah (Express)	Outbound		52	52
05:30	Origin	Beit Hanina al Balad	Inbound		8	20
5:32	Dest.	Beit Hanina al Balad	Outbound		17	19
5:32	Dest.	Shufat Camp	Outbound		19	19
05:34	Origin	Al-Issawiya	Inbound		16	52
05:34	Origin	Beit Hanina al Balad	Inbound		10	20

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	A'ref Al-Kurd
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM NABLUS ROAD</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
05:34	Origin	Beit Hanina al Balad	Inbound		5	20
5:35	Dest.	Ramallah (Express)	Outbound		18	19
5:35	Dest.	Anata	Outbound		19	19
05:36	Origin	Shufat	Inbound		4	20
5:37	Dest.	Ramallah	Outbound		19	19
5:38	Dest.	Beit Hanina al Balad (Express)	Outbound		19	19
5:38	Dest.	Beit Hanina al Balad	Outbound		19	19
05:38	Origin	Beit Hanina al Balad	Inbound		15	20
05:39	Origin	Shufat	Inbound		6	20
5:40	Dest.	Al-Issawiya	Outbound		52	52
05:42	Origin	Shufat	Inbound		10	20
05:42	Origin	Beit Hanina al Balad	Inbound		6	20
05:42	Origin	Shufat	Inbound		5	20
05:43	Origin	Beit Hanina al Balad	Inbound		8	20
5:45	Dest.	Ramallah (Express)	Outbound		52	52
5:46	Dest.	Beit Hanina al Balad (Express)	Outbound		16	19
5:47	Dest.	Al-Issawiya	Outbound		21	19
05:57	Origin	Al-Issawiya	Inbound		3	20
06:00	Origin	Beit Hanina al Balad	Inbound		2	20
06:02	Origin	Beit Hanina al Balad (Express)	Inbound		24	52
6:04	Dest.	Beit Hanina al Balad (Express)	Outbound		52	52
6:04	Dest.	Al-Issawiya	Outbound		52	52
6:09	Dest.	Shufat Camp	Outbound		52	52

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	A'ref Al-Kurd
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM NABLUS ROAD</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
6:11	Dest.	Beit Hanina al Balad (Express)	Outbound		19	19
6:11	Dest.	Beit Hanina al Balad	Outbound		19	19
6:11	Dest.	Anata	Outbound		19	19
06:12	Origin	Shufat	Inbound		10	20
06:12	Origin	Anata	Inbound		10	52
6:14	Dest.	Shufat Camp	Outbound		22	19
06:15	Origin	Ramallah (Express)	Inbound		10	20
6:16	Dest.	Beit Hanina al Balad	Outbound		0	0
6:16	Dest.	Beit Hanina al Balad	Outbound		48	52
6:18	Dest.	Al-Issawiya	Outbound		52	52
06:20	Origin	Beit Hanina al Balad	Inbound		4	20
06:20	Origin	Beit Hanina al Balad	Inbound		4	20
6:22	Dest.	Ramallah (Express)	Outbound		52	52
06:22	Origin	Beit Hanina al Balad (Express)	Inbound		10	20
06:22	Origin	Shufat	Inbound		5	20
06:22	Origin	Shufat	Inbound		1	20
6:23	Dest.	Beit Hanina al Balad (Express)	Outbound		16	19
6:23	Dest.	Anata	Outbound		19	19
6:24	Dest.	Beit Hanina al Balad	Outbound		52	52
6:24	Dest.	Shufat Camp	Outbound		19	19
06:25	Origin	Beit Hanina al Balad	Inbound		5	20
6:27	Dest.	Anata	Outbound		19	19
06:30	Origin	Shufat	Inbound		5	20

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>	A'ref Al-Kurd
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b>	15/2/2016

<b>BUS TERMINAL:</b>	<b>EAST JERUSALEM NABLUS ROAD</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
6:31	Dest.	Ramallah (Express)	Outbound		52	52
06:32	Origin	Anata	Inbound		6	20
6:33	Dest.	Beit Hanina al Balad (Express)	Outbound		19	19
6:33	Dest.	Al-Issawiya	Outbound		52	52
06:33	Origin	Beit Hanina al Balad	Inbound		8	20
06:34	Origin	Beit Hanina al Balad(Express)	Inbound		7	20
6:35	Dest.	Beit Hanina al Balad	Outbound		46	52
6:35	Dest.	Shufat Camp	Outbound		19	19
06:35	Origin	Al-Issawiya	Inbound		3	20
06:37	Origin	Beit Hanina al Balad	Inbound		3	20
6:40	Dest.	Al-Issawiya	Outbound		19	19
6:42	Dest.	Anata	Outbound		22	19
6:44	Dest.	Beit Hanina al Balad	Outbound		52	52



Tab 26. Time Schedules & Fare Structures of Jerusalem Nablus Road Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name: A'ref Al-Kurd</b>
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date: 15/2/2016</b>

<b>BUS TERMINAL:</b>	<b>East Jerusalem Nablus Road</b>
<b>N. BUS STALLS:</b>	<b>25</b>
<b>N. OF ROUTES:</b>	<b>7</b>

Line No.	Line Path	Bus Schedule	Bus Stops	Fare Structure
1	East Jerusalem-Beit Hanina al Balad	(5:30 am - 6:00 am ) Every 30 min	Sheikh Jarah	4,7
		(6:00 am - 9:30 am) Every 10 min	Shufat	4,7
		(9:30 am - 2:00 pm) Every 15 min	Beit Hanina al Balad	4,7
		(2:00 pm - 4:00 pm) Every 10 min		
2	East Jerusalem-Beit Hanina al Baladb (Express)	(4:00 pm - 8:00 pm) Every 15 min		
		(8:00 pm - 10:00 pm) Every 20 min		
		(7:00 am - 9:00 am ) Every 15 min	Sheikh Jarah	4,7
		(9:00 am - 2:00 pm) Every 20 min	Shufat	4,7
		(2:00 pm - 4:00 pm) Every 12 min	Beit Hanina al Balad	4,7
3	East Jerusalem-Al-Issawiya	(4:00 pm - 6:00 pm) Every 20 min	Qalandiya	6,0
		(6:00 pm - 8:00 pm) Every 30 min	Border Crossing	
		( 5:45 am - 6:45 pm ) Every 10 min	Wadi al-Joz	4,7
		(6:45 pm - 10:00 pm) Every 15 min	Sheikh Jarah	4,7
4	East Jerusalem-Ramallah (Express)		Jabel Mukaber	4,7
		NA	Issawiya	4,7
			Sheikh Jarah	4,7
			Qalandiya	6,0
5	East Jerusalem-Ramallah		Kafr 'Aqab	7,6
		(6:30 am - 9:30 am ) Every 12 min	Al Bireh	7,6
		(9:30 am - 2:10 pm) Every 20 min	Sheikh Jarah	4,7
		(2:10 pm - 4:10 pm) Every 12 min	Shufat	4,7
		(4:10 pm - 6:10 pm) Every 15 min	Beit Hanina	4,7
6	East Jerusalem-Anata	(6:10 pm - 7:40 pm) Every 30 min	Qalandiya	6,0
		(7:40 pm - 8:00 pm) Every 20 min	Border Crossing	
		(5:30 am - 8:30 am ) Every 10 min	Sheikh Jarah	4,7
		(8:30 am - 12:30 pm) Every 15 min		
7	East Jerusalem-Shufat Camp	(12:30 pm - 4:00 pm) Every 10 min	Shufat	4,7
		(4:00 pm - 6:30 pm) Every 15 min	Anata	4,7
		(6:30 pm - 9:50 pm) Every 20 min		
		( 5:30 am - 9:50 am ) Every 20 min	Sheikh Jarah	4,7
		(9:50 am - 2:05 pm) Every 15 min	Shufat	4,7
		(2:05 pm - 6:05 pm) Every 10 min	Shufat Camp	4,7
		(6:05pm - 8:05 pm) Every 15 min		
		(8:05 pm - 10:05 pm) Every 20 min		



Tab 27. Gaza city Bus Terminal Survey Sheet

**ROADS AND TRANSPORTATION MASTERPLAN**

## WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name:	Mohammed Elzahir Ibraheem Abu Mansour
Act.01: Survey of Main PT Bus Terminals	Date:	15/2/2016

BUS TERMINAL:	GAZA CITY/ UNIVERSITY INTERSECTION	total: 6
N. BUS STALLS:	35 (30 Large; 5 Small)	N. OF ROUTES: active after

Time	O/D	Place	In/Out	Type of Vehicle	N. of pass.	Capacity
03:15	Dest.	Rafah	Outbound	Mercedes	71	50
03:15	Dest.	Khan Younis	Outbound	MAN	32	50
03:16	Dest.	Rafah	Outbound	Mercedes	78	50
03:17	Dest.	Al Nuseirat	Outbound	Mercedes 1989	24	50
03:19	Dest.	Deir Al Balah	Outbound	Mercedes 1989	46	50
03:20	Dest.	Khan Younis	Outbound	Mercedes	59	50
03:30	Dest.	Rafah	Outbound	MAN 2000	93	50
03:38	Dest.	Khan Younis	Outbound	Mercedes	44	50

Tab 28. Time Schedules & Fare Structures of Gaza City Bus Terminal

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b> 15/2/2016

<b>BUS TERMINAL:</b>	<b>Gaza City - University Intersection</b>
<b>N. BUS STALLS:</b>	<b>35</b>
<b>N. OF ROUTES:</b>	<b>6</b>

Line No.	Line Path	Bus Schedule		Bus Stop	Fare Structure	
		Go	Return		Go	Return
1	Jabalia-Gaza City	once only 7:15	once only 1:50	Aljala' , Alghafri	1	1
				Jabalia Town	2	2
				Beit Lahiya	2	2
2	Bayt Hanoun-Gaza City	once only 7:15	once only 1:55	Alkaraj	2	2
				Almasryieen Street	2	2
3	Al Nuseirat -Gaza City	once only 6:45	once only 3:15	Al Mughraqa Int.	3	2
				Omar Bin Al Khttab Street	3	2
				Al Nuseirat Camp entrance	3	2
				Abu Sarar Roundabout	3	2
				Al Nuseirat Roundabout	3	2
				Khalid Bin Al Waleed Roundabout	3	2
				Al Shgagi Mosque	3	2
				Az Zawayda Int.	3	2
4	Deir Al Balah-Gaza City	once only 6:45	once only 3:20	Bahr Deir Al Balah	3	2
				Deir Al Balah Camp	3	2
				Deir Al Balah/ Al Bassa	3	2
				Deir Al Balah/ Al Nakheel Street	3	2
				Deir Al Balah/ Al Be'aa Area	3	2
				Deir Al Balah/ Yafa	3	2
				Deir al Balah/ Al Burka Roundabout	3	2
				Deir Al Balah City Cinter	3	2
				Deir Al Balah/ Al Hadaba	3	2
				Deir Al Balah/ Al Swarka	3	2

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>
<b>Act.01: Survey of Main PT Bus Terminals</b>	<b>Date:</b> 15/2/2016

<b>BUS TERMINAL:</b>	<b>Gaza City - University Intersection</b>
<b>N. BUS STALLS:</b> 35	<b>N. OF ROUTES:</b> 6

Line No.	Line Path	Bus Schedule		Bus Stop	Fare Structure	
		Go	Return		Go	Return
				Deir Al Balah/ Al Furqan Mosque	3	2
				Deir Al Balah/ Omm Dhair	3	2
				Deir Al Balah/ Al Barakeh Area	3	2
5	Khan Younis-Gaza City	once only 6:40	once only 3:20	Madinat An Nur Int.	3	2
				Al Nuseirat entrance	3	2
				Deir al Balah entrance	4	3
				Al Matahen Int.	4	3
				Al Qarara/ Al Jayya Street	4	3
				Al Qarara	4	3
				Al Sikka Street	4	3
				Ghazi Al Farra Tower	4	3
				Hmaid Roundabout	4	3
				Bani Suheila	4	3
				Shuhada' Bani Suheila	4	3
				Bani Suheila Roundabout	4	3
				Al Jundi	4	3
				Jomayza Handoqa	4	3
				The Secondary School	4	3
				Abasan Street	4	3
				Arab College of Applied Science	4	3
				Absan Roundabout	4	3
6	Rafah-Gaza City	once only 6:25	once only 4:15	Al Hay Al So'udi	5	4
				Dar Al Fadeela School	5	4
				Sa'den Mosque	5	4
				Al Nass Street	5	4
				Kaman Odwan School	5	4
				Jaser Street	5	4
				Sindibad Hall	5	4
				Zu'rob Roundabout	5	4
				Al Aqsa Station	5	4



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY	Surveyor's name:
Act.01: Survey of Main PT Bus Terminals	Date: 15/2/2016

BUS TERMINAL:	Gaza City - University Intersection		
N. BUS STALLS:	35	N. OF ROUTES:	6

Line No.	Line Path	Bus Schedule		Bus Stop	Fare Structure	
		Go	Return		Go	Return
				Rabi'a School	5	4
				Ali Bin Abe Talib Mosque	5	4
				Al Sho'uth Street	5	4
				Khawla School	5	4
				Kbeer Int.	5	4
				Civil Defense Center	5	4
				Burqa Stadium	5	4
				Al Nujma Roundabout	5	4
				Al Awda Mosque	5	4
				The Eastern Terminal	5	4
				Jawwal Company	5	4
				Governorate Building	5	4
				Al-Juneh - Awad Tower	5	4
				Al Faluja int.	5	4
				Al Quds Open University	5	4
				Dier Yaseen Street	5	4
				Al Madkha Street	5	4
				Al Abadela wal Astal Station	5	4



## Survey Activity 2 Sheets

Following tables are the original sheets of the second activity of the public transport survey, onboard travel time and patronage of selected bus lines in West Bank and Gaza Strip.

Tab 29. Beit Furik - Nablus Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Izzeddin Jayyusi
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b>	<b>Beit Furik-Nablus</b>	<b>FROM:</b>	<b>Beit Furik</b>	<b>TO:</b>	<b>Nablus</b>
<b>BUS TYPE:</b>	<b>Mercedes</b>	<b>CAPACITY:</b>	<b>19</b>		
<b>TIME OF DEPARTURE:</b>	<b>02:57</b>	<b>TIME OF ARRIVAL:</b>	<b>03:23</b>		

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32.175439 , 35.338327	Beit Furik	1	02:57		
32.218103 , 35.267430	Eastern Nablus Bus Station			1	03:23

Tab 30. Nablus – Beit Furik Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name: Izzeddin Jayyusi</b>
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date: 15/2/2016</b>

<b>LINE:</b>	<b>Nablus-Beit Furik</b>	<b>FROM:</b>	<b>Nablus</b>	<b>TO:</b>	<b>Beit Furik</b>
<b>BUS TYPE:</b>	<b>Mercedes</b>	<b>CAPACITY:</b>	<b>19</b>		
<b>TIME OF DEPARTURE:</b>	<b>02:30</b>	<b>TIME OF ARRIVAL:</b>	<b>02:56</b>		

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32.218103 , 35.267430	Eastern Nablus Bus Station	9	02:30		
32.207413 , 35.296059	Balata Street			4	02:38
32°10'34.93"N , 35°20'7.17"E	Beit Furik			1	02:50
32.175958 , 35.335748	Beit Furik			1	02:50
32.175922 , 35.336743	Beit Furik			1	02:52
32.175766 , 35.337282	Beit Furik			1	02:53
32.175439 , 35.338327	Beit Furik			1	02:56



Tab 31. Bethlehem – Hebron Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Anan Awni Al Aghbar
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Bethlehem-Hebron	<b>FROM:</b> Bethlehem	<b>TO:</b> Hebron
<b>BUS TYPE:</b> Mercedes 2016	<b>CAPACITY:</b> 25	
<b>TIME OF DEPARTURE:</b> 04:04	<b>TIME OF ARRIVAL:</b> 05:08	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31.709733 , 35.199002	Bethlehem Bus Station	26	04:04		
31.695179 , 35.182558	Ad Duheisha Camp	1	04:12		
31.694674 , 35.177744	Ad Duheisha Camp	1	04:14		
31.69479 , 35.17214	Ad Duheisha Camp	1	04:15		
31.671271 , 35.141276	Danial Intersection	2	04:22		
31.625994 , 35.132812	Al 'Arrub Camp			3	04:32
31.621066 , 35.11921	Beit Ummar			2	04:34
31.619156 , 35.116538	Beit Ummar Station			8	04:36
31.585137 , 35.120117	Halhul			2	04:41
31.578395 , 35.10588	Halhul			1	04:45
31.575505 , 35.097157	Halhul			1	04:48
31.570865 , 35.09901	Halhul			1	04:50
31.568415 , 35.099518	Halhul			1	04:51
31.56219 , 35.100504	Ras Al Jora			2	04:52
31.556423 , 35.100457	Ras Al Jora			1	04:55
31.531698 , 35.097773	Ibn Rushd Roundabout			2	05:03
31.530234 , 35.098131	Bab Az Zawiya			1	05:05
31.529737 , 35.098468	Bab Az Zawiya			1	05:06
31.529429 , 35.09904	Bab Az Zawiya			2	05:06
31.527955 , 35.100778	Hebron Bus Station			3	05:08

Tab 32. Hebron – Bethlehem Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Abdallah Shehadeh
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Hebron-Bethlehem	<b>FROM:</b> Hebron	<b>TO:</b> Bethlehem
<b>BUS TYPE:</b> Mercedes 2002	<b>CAPACITY:</b> 19	
<b>TIME OF DEPARTURE:</b> 03:16	<b>TIME OF ARRIVAL:</b> 04:12	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 31'41.05"N , 35 06'02.57"E	Hebron Terminal	19	03:16		
31 33'29.32" N 35 06' 00.24" E	Ras Al-Jora	2	03:28		
31 34'07.96" N 35 05 58.3" E	Halhul			12	03:32
31 34'40.8" N 35 05'55.41 E	Halhul	1	03:35		
31 34'50.67"N 35 5'57.35"E	Halhul	1	03:37		
31 34'46.93" N 35 06'50.82" E	Halhul			1	03:40
31 37'00.37" N 35 06'52.58" E	Beit Ummar			2	03:46
31 37'08.36"N 35 06'59.29" E	Beit Ummar			1	03:47
31 37'32.56" N 35 07'58.34" E	Al 'Arrub Camp			6	03:49
31 41'33.38" N 35 10'00.1" E	Al Khadr	1	04:02		
31 41'41.23" N 35 10'47.65" E	Ad Duheisha Camp	2	04:05		
31 41'43.29" N 35 11'00.62" E	Ad Duheisha Camp			1	04:06
31 42'37.68" N 35 11'55.2" E	Bethlehem Bus Station			3	04:11

Tab 33. Bethlehem – East Jerusalem Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Ahmad Almasri
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Bethlehem- East Jerusalem	<b>FROM:</b> Bethlehem	<b>TO:</b> E. Jerusalem
<b>BUS TYPE:</b> Volvo 2008	<b>CAPACITY:</b> 55	
<b>TIME OF DEPARTURE:</b> 06:15	<b>TIME OF ARRIVAL:</b> 06:50	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 42'35.34"N , 35 11'55.21"E	Bethlehem Terminal	18	06:15		
31.71065 , 35.1843	Beit Jala			1	06:11
31.71237 , 35.1742	D.C.O Checkpoint			1	06:20
31.731862 , 35.20458	Border Crossing 300			1	06:29
31.740663 , 35.213097	Beit Safafa	2	06:31		
31.744845 , 35.21603	Beit Safafa			1	06:33
31.750183 , 35.219	Hebron Street	1	06:34	2	06:34
31.750338 , 35.219287	Hebron Street	2	06:35		
31.755942 , 35.221805	Hebron Street			2	06:37
31.7658052 , 35.22613	Hebron Street	2	06:41		
31.7797765 , 35.227237	Bab Alkhalel	2	06:41	7	06:48
31.781861 , 35.228767	Al Musrara Bus Terminal			12	06:50

Tab 34. Jerusalem – Bethlehem Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Ahmad Almasri
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> East Jerusalem-Bethlehem	<b>FROM:</b> E. Jerusalem	<b>TO:</b> Bethlehem
<b>BUS TYPE:</b> Volvo 2015	<b>CAPACITY:</b> 55	
<b>TIME OF DEPARTURE:</b> 04:10	<b>TIME OF ARRIVAL:</b> 05:10	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 46'54.7"N , 35 13'43.56"E	East Jerusalem Terminal	27	04:10		
31.778473 , 35.226351	An Nabi Dawoud	5	04:15		
31.770313 , 35.2272371	Jorat Al'ennab			2	04:18
31.76422 , 35.22613	Hebron Street			1	04:20
31.7539173 , 35.219	Hebron Street	1	04:23		
31.7500 , 35.218	Hebron Street	1	04:28		
31.744982 , 35.217	Hebron Street	4	04:35		
31.74021 , 35.2139	Hebron Street	3	04:37		
31.727977 , 35.202987	Beit Safafa	4	04:41	1	04:41
31°42'17.67"N , 35°10'4.41"E	Husan			20	04:55
31.716093 , 35.177452	D.C.O Checkpoint			4	04:59
31.71637 , 35.18178	Beit Jala			1	05:00
31.71472 , 35.1855	Beit Jala			2	05:02
31.712065 , 35.198937	Bethlehem Terminal			14	05:09



Tab 35. Bir Zayt – Ramallah Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Kamal Salhab
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Bir Zayt-Ramallah	<b>FROM:</b> Bir Zayt	<b>TO:</b> Ramallah
<b>BUS TYPE:</b> DAF 2001	<b>CAPACITY:</b> 55	
<b>TIME OF DEPARTURE:</b> 03:50	<b>TIME OF ARRIVAL:</b> 04:12	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 57'31.18" N , 35 10'52.48"E	Bir Zayt Terminal	55	03:50		
31.926286 , 35.209225	Best Eastern Hotel				04:00
31.924023 , 35.208691	Al Ersal Street			2	04:01
31.910621 , 35.208216	Ramallah- Bethlehem Street			2	04:09
31.909174 , 35.207982	Al Hamra Street			50	04:12

Tab 36. Jenin – Nablus Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Kamal Salhab
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Jenin-Nablus	<b>FROM:</b> Jenin	<b>TO:</b> Nablus
<b>BUS TYPE:</b> DAF 1997	<b>CAPACITY:</b> 49	
<b>TIME OF DEPARTURE:</b> 02:02	<b>TIME OF ARRIVAL:</b> 03:00	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32.46078 , 35.298646	Jenin Bus Station	12	02:02		
32.45939 , 35.2989	Yahya 'Ayyash Street	1	02:06		
32.387278 , 35.215016	Arraba Intersection	1	02:23		
32.322141 , 35.196308	Fandaqumiya Intersection			2	02:32
32.322531 , 35.191355	Silat adh Dhahr			1	02:34
32.319895 , 35.192064	Silat adh Dhahr			2	02:35
32.305538 , 35.176216	Bazariya intersection			1	02:39
32.302709 , 35.183266	Burqa Intersection	1	02:40		
32.225114 , 35.257796	Western Nablus Bus Station			3	02:59
32.223142 , 35.260489	Nablus City Center			6	03:00

Tab 37. Nablus – Jenin Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Tha'er Khalil
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Nablus-Jenin	<b>FROM:</b> Nablus	<b>TO:</b> Jenin
<b>BUS TYPE:</b> DAF	<b>CAPACITY:</b> 49	
<b>TIME OF DEPARTURE:</b> 03:35	<b>TIME OF ARRIVAL:</b> 04:40	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32 13'27.75"N , 35 15'30.09"E	Nablus Terminal	37	03:35		
32.31857 , 35.191	Silat adh Dhahr			3	04:07
32.347701 , 35.200222	'Ajja			5	04:12
32.408145, 35.227244	Arraba			2	04:21
32.420721 , 35.23092	Bir al Basha			1	04:25
32.430707 , 35.266818	Al-Shuhada'			1	04:30
32°26'58.85"N , 35°17'51.85"E	Nablus Street			2	04:35
32.459208 , 35.298746	Jenin Bus Station			23	04:40



Tab 38. Jenin – Qabatiya Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Ramzi Kmail
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Jenin-Qabatiya	<b>FROM:</b> Jenin	<b>TO:</b> Qabatiya
<b>BUS TYPE:</b> Mercedes 1998	<b>CAPACITY:</b> 16	
<b>TIME OF DEPARTURE:</b> 03:23	<b>TIME OF ARRIVAL:</b> 03:44	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32°27'39.3"N , 35°17'55.21"E	Jenin Terminal	16	03:23		
32°26'55.21"N , 35°17'50.64"E	Nablus Street			1	03:26
32°26'46.34"N , 35°17'43.91"E	Nablus Street			3	03:26
32.429921 , 35.273463	Al-Shuhada'			2	03:31
32°25'47.89"N , 35°16'19.98"E	Al-Shuhada'			3	03:32
32°25'49.20"N , 35°16'14.92"E	Al-Shuhada'			2	03:33
32°25'27.06"N , 35°16'0.27"E	Qabatiya Entrance	2	03:35		
32°24'56.57"N , 35°16'9.92"E	Al Hisbah	1	03:37		
32.41055 , 35.273926	Western District			2	03:39
32°24'36.00"N , 35°16'36.74"E	Western District			2	03:40
32.4123445 , 35.278313	Gas Station			2	03:41
32.410825 , 35.28271	Qabatiya Bus Station			2	03:44



Tab 39. Qabatiya – Jenin Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY		Surveyor's name: Ahmad Draghmeh
Act.02: On-Board Travel Time & Patronage Survey	Date:	15/2/2016

LINE:	Qabatiya-Jenin	FROM:	Qabatiya	TO:	Jenin
BUS TYPE:	Mercedes	CAPACITY:	16		
TIME OF DEPARTURE:	03:27	TIME OF ARRIVAL:	03:45		

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32.407692 , 35.2803793	Qabatiya Center	1	03:27		
32.430683 , 35.266914	Al Shuhada'	2	03:36		
32.461246 , 35.297797				4	03:45

Tab 40. Jenin – Tubas Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Mu'ath 'Ardah
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Jenin-Tubas	<b>FROM:</b> Jenin	<b>TO:</b> Tubas
<b>BUS TYPE:</b> Volkswagen	<b>CAPACITY:</b> 19	
<b>TIME OF DEPARTURE:</b> 04:15	<b>TIME OF ARRIVAL:</b> 04:53	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32 27'39.3"N , 35 17'55.21"E	Jenin Terminal	17	04:15		
32.38409 , 35.325872	Az Zababida			2	04:36
32.352097 , 35.348931	'Aqqaba			1	04:42
32.351805 , 35.349776	'Aqqaba			1	04:43
32.351399 , 35.350969	'Aqqaba			1	04:44
32.351 , 35.351728	'Aqqaba			2	04:44
32.350237 , 35.352069	'Aqqaba	1	04:44		
32°20'52.30"N , 35°21'16.32"E	'Aqqaba			2	04:45
32.345961 , 35.356924	'Aqqaba			3	04:47
32.327514 , 35.364571	Tubas			1	04:50
32.32175 , 35.36854	Tubas			5	04:53

Tab 41. Tubas – Jenin Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Mohammad Swafta
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Tubas-Jenin	<b>FROM:</b> Tubas	<b>TO:</b> Jenin
<b>BUS TYPE:</b> Mercedes	<b>CAPACITY:</b> 19	
<b>TIME OF DEPARTURE:</b> 02:00	<b>TIME OF ARRIVAL:</b> 02:30	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32°20'4.15"N , 35°22'3.05"E	Tubas	19	02:00		
32.343765 , 35.357753	Aqqaba			2	02:02
32.34802 , 35.354224	Aqqaba			1	02:04
32°20'58.73"N , 35°21'8.91"E	Aqqaba			1	02:05
32.350143 , 35.350337	Aqqaba			4	02:06
32.35171 , 35.350495	Aqqaba	1	02:07		
32°21'8.32"N , 35°20'55.95"E	Aqqaba			1	02:09
32.354996 , 35.347792	Aqqaba			1	02:10
32.384051 , 35.325845	Az Zababida			2	02:14
32 27'39.3"N , 35 17'55.21"E	Jenin Bus Station			8	02:30

Tab 42. Jenin – Ya'bad Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Jenin-Ya'bad	<b>FROM:</b> Jenin	<b>TO:</b> Ya'bad
<b>BUS TYPE:</b> Mercedes	<b>CAPACITY:</b> 19	
<b>TIME OF DEPARTURE:</b> 02:50	<b>TIME OF ARRIVAL:</b> 03:26	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32.460941 , 35.298409	Jenin Bus Station	19	02:50		
32.441409 , 35.163308	Ya'bad			2	03:08
32.439005 , 35.160684	Ya'bad			2	03:11
32.439016 , 35.160314	Ya'bad			1	03:12
32.439647 , 35.155272	Ya'bad			4	03:17
32.442451 , 35.158798	Ya'bad			1	03:19
32.44302 , 35.160287	Ya'bad			2	03:20
32.44395 , 35.161304	Ya'bad			4	03:21
32.445565 , 35.176085	Ya'bad			1	03:25
32.432314 , 35.190888	Ya'bad			2	03:26

Tab 43. Jericho – Hebron Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name: Mahmood Hmaidat</b>
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date: 15/2/2016</b>

<b>LINE:</b>	<b>Jericho-Hebron</b>	<b>FROM:</b>	<b>Jericho</b>	<b>TO:</b>	<b>Hebron</b>
<b>BUS TYPE:</b>	<b>MAN 2002</b>	<b>CAPACITY:</b>	<b>50</b>		
<b>TIME OF DEPARTURE:</b>	<b>04:38</b>	<b>TIME OF ARRIVAL:</b>	<b>07:02</b>		

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 51'35.80"N , 35°28'39.95"E	Jericho Terminal	12	04:38		
31.767286 , 35.289176	Al 'Eizariya	1	05:09		
31.707257 , 35.254437	Dar Salah			1	05:46
31.613 , 35.113	Beit Ummar	1	06:32	1	06:32
31.585212 , 35.120444	Halhul			3	06:38
31.556941 , 35.100388	Ras Al Jora			3	06:47
31.554746 , 35.099669	Ras Al Jora			1	06:49
31.528673 , 35.096838	Al Quds Street			5	07:02

Tab 44. East Jerusalem – Ramallah Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name: A'rif Al-Kurd</b>
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date: 15/2/2016</b>

<b>LINE:</b> East Jerusalem-Ramallah	<b>FROM:</b> E. Jerusalem	<b>TO:</b> Ramallah
<b>BUS TYPE:</b> Man 1997	<b>CAPACITY:</b> 81	<b>(Express)</b>
<b>TIME OF DEPARTURE:</b> 03:31	<b>TIME OF ARRIVAL:</b> 05:01	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31°47'2.11" 35°13'43.99"	East Jerusalem Bus Station	51	03:31		
32°0'8.9453" 35°12'37.9054"	Beside the Court	1	03:35		
31°47'19.8253" 35°13'41.5551"	Beside Mercantile Bank	1	03:37		
31°47'33.2447" 35°13'47.4107"	Sheikh Jarrah	1	03:30		
31°47'45.8993" 35°13'49.6830"	St John of Jerusalem Eye Hospital	4	03:43		
31°49'33.3003" 35°14'8.0003"	Hizma stop	1	04:01		
31°50'10.7098" 35°13'45.9453"	Beit Hanina stop	2	04:03	3	04:03
31°50'38.8786" 35°13'42.7479"	Safi stop	1	04:11	4	04:11
31°51'10.3630" 35°13'26.0637"	Atarot			3	04:13
31°51'41.6723" 35°13'37.3649"	Qalandiya Border Crossing			5	04:18
31°51'43.1416" 35°13'43.4897"	Ar Ram			9	04:20
31°51'47.2903" 35°13'38.5746"	Qalandiya Camp	1	04:24	2	04:24
31°52'0.9736" 35°13'29.3694"	Qalandiya Camp Entrance			1	04:25
31°52'8.2686" 35°13'25.1342"	Sama station			2	04:27
31°52'13.3929" 35°13'18.8586"	Beside al Rahma			5	04:28





## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> A'rif Al-Kurd
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> East Jerusalem-Ramallah	<b>FROM:</b> E. Jerusalem	<b>TO:</b> Ramallah
<b>BUS TYPE:</b> Man 1997	<b>CAPACITY:</b> 81	<b>(Express)</b>
<b>TIME OF DEPARTURE:</b> 03:31	<b>TIME OF ARRIVAL:</b> 05:01	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31°52'18.4743" 35°13'11.4142"	Beside Nofal			2	04:29
31°52'23.3062" 35°13'4.3826"	Beside Al Bayan Center			2	04:31
31°52'26.3884"	Kafr Aqab			1	04:33
31°52'29.3329"	Kafr Aqab			3	04:34
31°52'34.4051" 35°13'2.6051"	Beside Sameer amis			1	04:35
31°52'40.4487" 35°13'5.9655"	Beside Four Seasons			2	04:39
31°53'10.2202" 35°13'6.7232"	Beside Al Swees Gas Station			1	04:40
31°53'14.3555" 35°13'1.6754"	Besides dirt road			1	04:41
31°54'22.7838"	Arab Bank			3	04:50
31°54'22.3152" 35°12'32.9363"	near Arab Bank			1	04:51
31°54'18.6525" 35°12'22.8484	Ramallah Bus Station			12	05:01

Tab 45. Ramallah – East Jerusalem Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> A'rif Al-Kurd
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b>	<b>Ramallah- East Jerusalem</b>	<b>FROM:</b>	<b>Ramallah</b>	<b>TO:</b>	<b>E. Jerusalem</b>
<b>BUS TYPE:</b>	<b>Mercedes 2008</b>	<b>CAPACITY:</b>	<b>19</b>		
<b>TIME OF DEPARTURE:</b>	<b>05:49</b>	<b>TIME OF ARRIVAL:</b>	<b>06:57</b>		

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31°54'19.724" 35°12'25.707"	Ramallah Bus Station	19	05:49		
31°52'26.7194" 35°12'59.9802"	Kafr Aqab			1	06:05
31°51'44.4020" 35°13'36.4486"	Qalandiya Border Crossing			18	06:15
31°51'41.7027" 35°13'34.2976"	near Qalandiya Border Crossing	19	06:22		
31°50'35.3494" 35°13'43.8652"	Dahyet Al Bareed			2	06:35
31°50'14.1403" 35°13'43.7707"	Pisgat Ze'ev			1	06:37
31°48'2.4648" 35°13'57.5282"	Pisgat Ze'ev	2	06:45		
31°47'52.6737" 35°13'50.8923"	Ministries station			2	06:47
31°47'48.3759" 35°13'45.8382"	St John of Jerusalem Eye Hospital			1	06:50
31°47'37.5535" 35°13'33.9585"	Sheikh Jarrah			2	06:52
31°47'29.7131" 35°13'32.0096"	Beside Mercantile Bank			1	06:53
31°47'5.0213" 35°13'38.9961"	Salah ad Din Street			7	06:55
31°47'1.9863" 35°13'40.5959"	Beside E.Jerusalem Bus Station			5	06:57



Tab 46. Nablus – Qalqiliya Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Yazeed Abu Nimr
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Nablus-Qalqiliya	<b>FROM:</b> Nablus	<b>TO:</b> Qalqiliya
<b>BUS TYPE:</b> Mercedes 2001	<b>CAPACITY:</b> 55	
<b>TIME OF DEPARTURE:</b> 03:30	<b>TIME OF ARRIVAL:</b> 04:25	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32 13'27.75"N , 35 15'30.09"E	Nablus Terminal	9	03:30		
32.2214 , 35.23793	Rafedia	1	03:38		
32.22712 , 35.221556	An-Najah University (new campus)	7	03:42		
32.216137 , 35.168737	Jit	5	03:52		
32.177055 , 35.058344	'Azzun			6	04:06
32.185395 , 35.018302	An Nabi Elyas			1	04:13
32.190182 , 34.96715	Qalqiliya			15	04:25

Tab 47. Nablus – Ramallah Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Mohammad Abd AL Salam Hussien
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Nablus-Ramallah	<b>FROM:</b> Nablus	<b>TO:</b> Ramallah
<b>BUS TYPE:</b> Mercedes 2000	<b>CAPACITY:</b> 25	
<b>TIME OF DEPARTURE:</b> 03:43	<b>TIME OF ARRIVAL:</b> 05:02	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32 13'27.75"N , 35 15'30.09"E	Nablus Terminal	21	03:43		
32.089273.35.264615	As Sawiya			1	04:12
32.039077.35.275818	Turmus'ayya			1	04:20
32.035645.35.271667	Turmus'ayya			1	04:21
31.945075.35.215586	Al Jalazun Camp			2	04:40
31.906627.35.209684	Friends Street			5	04:56
31 54'19.724"N 35 12'25.707"E	Ramallah Bus Station			11	05:02

Tab 48. Ramallah – Nablus Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name: Izzeddin Jayyusi</b>
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date: 15/2/2016</b>

<b>LINE:</b>	<b>Ramallah-Nablus</b>	<b>FROM:</b>	<b>Ramallah</b>	<b>TO:</b>	<b>Nablus</b>
<b>BUS TYPE:</b>	<b>Mercedes 2006</b>	<b>CAPACITY:</b>	<b>53</b>		
<b>TIME OF DEPARTURE:</b>	<b>03:15</b>	<b>TIME OF ARRIVAL:</b>	<b>04:42</b>		

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 54'19.724"N , 35 12'25.707"E	Ramallah Terminal	53	03:15		
31.916043 , 35.215891	Nablus St.	1	03:16		
31°55'12.16"N, 35°13'2.11"E	Nablus St.	1	03:17		
31.92741 , 35.221545	Nablus St.	1	03:18		
32.078177 , 35.258199	As-Sawiya			1	03:49
32.08713 , 35.265266	As-Sawiya			2	03:52
32.13703 , 35.25809	Huwwara			2	04:10
32.148435 , 35.25788	Huwwara			3	04:17
32.150713 , 35.258366	Huwwara			2	04:18
32.193716 , 35.284215	Al Quds Street			2	04:26
32.203286 , 35.284258	Al Quds Street			3	04:29
32.206077 , 35.283644	Al Quds Street			3	04:30
32.208475 , 35.283726	Al Quds Street			1	04:31
32°13'6.28"N , 35°16'9.45"E	Faisal Street			2	04:34
32.220241 , 35.266411	Faisal Street			1	04:36
32.222876 , 35.261976	Faisal Street			18	04:39
32.224723 , 35.257739	Nablus Bus Station			4	04:42

Tab 49. Nablus – Salfit Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Anan Azzam Al Aghbar
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Nablus-Salfit	<b>FROM:</b> Nablus	<b>TO:</b> Salfit
<b>BUS TYPE:</b> Mercedes 2002	<b>CAPACITY:</b> 19	
<b>TIME OF DEPARTURE:</b> 03:40	<b>TIME OF ARRIVAL:</b> 04:22	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32 13'27.75"N , 35 15'30.09"E	Nablus Terminal	15	03:40		
32.116383 , 35.255319	Za'tarah	1	04:05		
32.113459 , 35.243904	Yasuf			2	04:07
32° 6'14.83"N , 35°13'59.91"E	Iskaka			1	04:10
32.103561 , 35.226673	Iskaka			1	04:12
32.103512 , 35.225072	Iskaka			2	04:14
32.082335 , 35.181885	Salfit Bus Station			10	04:22

Tab 50. Salfit – Nablus Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name: Mohammad Ishtaya</b>
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date: 15/2/2016</b>

<b>LINE:</b> Salfit-Nablus	<b>FROM:</b> Salfit	<b>TO:</b> Nablus
<b>BUS TYPE:</b> Mercedes 2001	<b>CAPACITY:</b> 19	
<b>TIME OF DEPARTURE:</b> 03:00	<b>TIME OF ARRIVAL:</b> 03:49	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32.082335 , 35.181885	Salfit Bus Station	0	03:00		
32.084726 , 35.177913	Salfit/Az Zaytuna complex	4	03:05		
32.085037 , 35.181842	Salfit/Magistrate Court	1	03:10		
32.082687 , 35.181495	Salfit/Ad Dakhiliya Street	1	03:12		
32.083734 , 35.188203	Salfit/Al Jame'a Roundabout	2	03:14		
32.107822 , 35.237669	Yasuf	1	03:21		
32.138054 , 35.258089	Beita Roundabout	2	03:29		
32.148573 , 35.258028	Huwwara	1	03:35		
32.207285 , 35.283778	Al Quds Street			1	03:42
32.210552 , 35.282733	Al Quds Street			1	03:43
32.213578 , 35.277376	Faisal Street			1	03:45
32.214897 , 35.27385	Faisal Street			1	03:46
32.218376 , 35.268169	Eastern Nablus Bus Station			8	03:49



Tab 51. Nablus – Tubas Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Nada Jaradat
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Nablus-Tubas	<b>FROM:</b> Nablus	<b>TO:</b> Tubas
<b>BUS TYPE:</b> NA	<b>CAPACITY:</b> 19	
<b>TIME OF DEPARTURE:</b> 04:01	<b>TIME OF ARRIVAL:</b> 04:35	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32 13'06.27"N , 35 16'02.97"E	Nablus Terminal	19	04:01		
32.258758 , 35.322402	Al Badhan			1	04:18
32.261588 , 35.327584	Al Badhan			1	04:20
32.263254 , 35.339794	Al Badhan			1	04:21
32.283371 , 35.340294	Wadi al Far'a			1	04:24
32.289498 , 35.342025	Wadi al Far'a			1	04:26
32.291813 , 35.345265	El Far'a Camp			9	04:28
32.292146 , 35.347863	El Far'a Camp	1	04:29		
32.321198 , 35.371252	Tubas			2	04:34
32.322167 , 35.370402	Tubas			4	04:35

Tab 52. Nablus – Tulkarm Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Malik Al Sheikh Ibraheem
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Nablus-Tulkarm	<b>FROM:</b> Nablus	<b>TO:</b> Tulkarm
<b>BUS TYPE:</b> DAF	<b>CAPACITY:</b> 49	
<b>TIME OF DEPARTURE:</b> 03:26	<b>TIME OF ARRIVAL:</b> 04:14	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32 13'27.75"N , 35 15'30.09"E	Nablus Terminal	49	03:26		
32.303879 , 35.12711	Anabta			1	03:47
32.30551 , 35.11859	Anabta			1	03:48
32.305759 , 35.117659	Anabta			1	03:49
32.308173 , 35.114893	Anabta			1	03:51
32.317157 , 35.091839	Bal'a Intersection			4	03:54
32.319476 , 35.059298	Nur Shams Camp			5	03:58
32.319642 , 35.050412	Iktaba			1	04:00
32°19'11.43"N , 35° 2'35.84"E	Iktaba Int.			2	04:00
32.318457 , 35.039276	Tulkarm/ Nablus St.			1	04:02
32.31779 , 35.035077	Tulkarm/ Nablus St.			4	04:03
32.316508 , 35.031409	Tulkarm/ Nablus St.			1	04:05
32.314776 , 35.029037	Tulkarm City Center			22	04:10
32.318148 , 35.028792	Tulkarm Bus Station			5	04:14

Tab 53. Tulkarm – Nablus Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Hani Awwad
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Tulkarm-Nablus	<b>FROM:</b> Tulkarm	<b>TO:</b> Nablus
<b>BUS TYPE:</b> Man 1998	<b>CAPACITY:</b> 27	
<b>TIME OF DEPARTURE:</b> 03:25	<b>TIME OF ARRIVAL:</b> 04:01	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32 19'05.28"N , 35 01'42.54"E	Tulkarm Terminal	22	03:25		
32.254681 , 35.185289	Deir Sharaf			3	03:49
32.230493 , 35.246338	Haifa street			1	03:56
32.2293 , 35.249885	Haifa street			1	03:57
32.225338 , 35.257448	Nablus City Center			2	03:59
32.222572 , 35.260123	Nablus City Center			15	04:01

Tab 54. Ramallah – Hebron Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Anas Abdul Fattah
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Ramallah-Hebron	<b>FROM:</b> Ramallah	<b>TO:</b> Hebron
<b>BUS TYPE:</b> Mercedes 2002	<b>CAPACITY:</b> 19	
<b>TIME OF DEPARTURE:</b> 02:40	<b>TIME OF ARRIVAL:</b> 05:10	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 54'19.724"N , 35 12'25.707"E	Ramallah Terminal	11	02:40		
31°51'47.70"N , 35°13'40.48"E	Qalandiya	1	02:54		
31 46'14.54"N , 35 15'24.79" E	Al 'Eizariya			1	04:09
31 37'12.69"N , 35 06'15.67"E	Beit Ummar			1	04:38
31 33'20.44"N , 35 06'02.19"E	Ras Al Jora			1	04:56
31 31'47.01"N 35 05'50.04"E	Hebron City Center			9	05:10

Tab 55. Ramallah – Jenin Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name: Sa'id Turkman</b>
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date: 15/2/2016</b>

<b>LINE:</b> Ramallah-Jenin	<b>FROM:</b> Ramallah	<b>TO:</b> Jenin
<b>BUS TYPE:</b> Mercedes	<b>CAPACITY:</b> 59	
<b>TIME OF DEPARTURE:</b> 02:42	<b>TIME OF ARRIVAL:</b> 04:44	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 54'19.724"N , 35 12'25.707"E	Ramallah Terminal	36	02:40		
32 05'17.5"N 35 15'53"E	As Sawiya			2	03:27
32 06'51.9"N 35 15'26.22"E	Za'tara Checkpoint			1	03:34
32 15'20.32"N 35 11'07.32"E	Deir Sharaf			1	04:01
32 18'09.72"N 35 10'59.7"E	Burqa			1	04:08
32 18'57.7"N 35 11'20.8"E	Silat adh Dhahr			1	04:13
32 19'54.7"N 35 12'16.9"E	Jaba' Intersection			1	04:19
32.349024 , 35.200879	Ajja Intersection			1	04:21
32 23'27"N 35 13'05.3"E	Al Mansura			2	04:27
32 24'27.6"N 35 13'37.6"E	Arraba Intersection			1	04:29
32 25'50.5"N 35 15'58.5"E	Al Shuhada' Intersection			1	04:36
32 26'47.8"N 35 17'45.7"E	Nablus Street (Asfor Roundabout)			2	04:40
32 27'39.3"N 35 17'55.21"E	Jenin Bus Station			22	04:44



Tab 56. Ramallah – Jericho Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

PALESTINE PUBLIC TRANSPORT SURVEY		Surveyor's name: Mus'ab Mar'e
Act.02: On-Board Travel Time & Patronage Survey		Date: 15/2/2016

LINE:	Ramallah-Jericho	FROM:	Ramallah	TO:	Jericho
BUS TYPE:	Mercedes 2006	CAPACITY:	19		
TIME OF DEPARTURE:	03:30	TIME OF ARRIVAL:	04:35		

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 54'19.69"N , 35 12'25.62"E	Ramallah Bus Station	20	03:30		
31 53'19.87"N 35 26'00.9"E	Nue'eima Intersection			1	04:00
31 52'35.9"N 35 26'21.16"E	Ein Al Dyouk Street			1	04:12
31 51'52.69"N 35 26'55.16"E	Ein Al Sultan Street			2	04:25
31 51'49"N 35 26'58.88"E	Ein Al Sultan Street			1	04:27
31 51'20.46"N 35 27'35.81"E	Jericho Roundabout			15	04:35



Tab 57. Ramallah – Qalailya Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b>
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	Abdallah Mohammed Aqra'
<b>Date:</b>	15/2/2016

<b>LINE:</b>	Ramallah-Qalailya	<b>FROM:</b>	Ramallah	<b>TO:</b>	Qalailya
<b>BUS TYPE:</b>	Mercedes 1997	<b>CAPACITY:</b>	50		
<b>TIME OF DEPARTURE:</b>	03:20	<b>TIME OF ARRIVAL:</b>	04:41		

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 54'19.724"N , 35 12'25.707"E	Ramallah Terminal	22	03:20		
32.03787 , 35.273761	Turmus'ayya	1	03:57		
32.121401 , 35.20091	Jamma'in			3	04:17
32.109731 , 35.163523	Kifl Haris			1	04:23
32.190215 , 35.136055	Al Funduq			9	04:41



Tab 58. Ramallah – Tulkarm Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Ramzi Wajeh Drobi
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Ramallah-Tulkarm	<b>FROM:</b> Ramallah	<b>TO:</b> Tulkarm
<b>BUS TYPE:</b> Mercedes 1997	<b>CAPACITY:</b> 50	
<b>TIME OF DEPARTURE:</b> 03:20	<b>TIME OF ARRIVAL:</b> 05:14	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 54'19.724"N , 35 12'25.707"E	Ramallah Terminal	22	03:20		
32.03787 , 35.273764	Turmus'ayya	1	03:57		
32.121461 , 35.20091	Jamma'in			3	04:17
32.109731 , 35.163523	Kifl Haris			1	04:23
32.190215 , 35.136055	Al Funduq			8	04:40
32.309099 , 35.113554	Anabta			1	04:59
32.319148 , 35.059241	Nur Shams Camp			2	05:06
32.319077 , 35.047123	Tulkarm Camp			1	05:10
32.314668 , 35.028857	Tulkarm City Center			7	05:14

Tab 59. Salfit – Ramallah Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Mohammad Omar Sa'ire
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Salfit-Ramallah	<b>FROM:</b> Salfit	<b>TO:</b> Ramallah
<b>BUS TYPE:</b> Mercedes 2000	<b>CAPACITY:</b> 19	
<b>TIME OF DEPARTURE:</b> 03:09	<b>TIME OF ARRIVAL:</b> 04:19	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32.082335 , 35.181885	Salfit Bus Station	19	0,13125		
32° 2'37.93"N 35° 7'40.95"E	Qarawat Bani Zeid			2	03:25
32.01655 , 35.12404	An Nabi Salih			1	03:30
31.970143 , 35.192519	Bir Zayt			1	03:49
31°57'24.03"N 35°11'7.86"E	Bir Zayt	1	03:50		
31.9488 , 35.184247	Abu Qash	1	04:01		
31.934281 , 35.207279	Al Ersal Street			1	04:11
31.909174 , 35.207982	Al Hamra Street			16	04:19

Tab 60. Tulkarm – Jenin Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>		Surveyor's name: Yousef Thieb
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>		Date: 15/2/2016

LINE:	Tulkarm-Jenin	FROM:	Tulkarm	TO:	Jenin
BUS TYPE:	Mercedes 2011	CAPACITY:	20		
TIME OF DEPARTURE:	03:29	TIME OF ARRIVAL:	04:27		

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
32 19'05.28"N , 35 01'42.54"E	Tulkarm Terminal	14	03:29		
32.31979 , 35.043335	Iktaba Intersection	1	03:36		
32.31955 , 35.19223	Al Silah-Nablus Street	1	03:59		
32.325362 , 35.199546	Al Silah-Nablus Street			1	04:02
32.408545 , 35.227305	Jenin-Nablus Street			1	04:11
32.460918 , 35.298669	Jenin Bus Station			14	04:27

Tab 61. Gaza City – Al Nouseirat Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Ahmad Zaidyeh
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Gaza City-Al Nouseirat	<b>FROM:</b> Gaza City	<b>TO:</b> Al Nouseirat
<b>BUS TYPE:</b> Mercedes 1989	<b>CAPACITY:</b> 50	
<b>TIME OF DEPARTURE:</b> 03:17	<b>TIME OF ARRIVAL:</b> 03:58	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 30'56.85"N , 34 26'16.41"E	Gaza City (University Intersection)	24	03:17		
31 30'36.06"N 34 26'18.34"E	Ministry of Detainees Int.	11	03:18		
31 30'00.05"N 34 26'15.52"E	Gaza Community College	3	03:22		
31 28'39.40"N 34 26'24.64"E	Al Mughraqa Int.			5	03:33
31 28'12.38"N 34 25'16.52"E	Omar Bin Al Khttab Street			1	03:35
31 27'48.14"N 34 24'02.18"E	Al Nouseirat Camp entrance			7	03:38
31 27'08.30"N 34 23'12.14"E	Abu Sarar Roundabout			3	03:41
31 26'45.04"N 34 23'41.78"E	Al Nouseirat Roundabout			5	03:45
31 26'25.76"N 34 23'15.46"E	Khalid Bin Al Waleed School			1	03:50
31 26'27.41"N 34 23'04.72"E	Fathei Al Shgagi Mosque			9	03:52
31 26'23.26"N 34 22'50.59"E	Az Zawayda Int.			7	03:58

Tab 62. Gaza City – Deir Al Balah Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Isma'eel Radee
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Gaza City-Deir Al Balah	<b>FROM:</b> Gaza City	<b>TO:</b> Deir Al Balah
<b>BUS TYPE:</b> Mercedes 1989	<b>CAPACITY:</b> 50	
<b>TIME OF DEPARTURE:</b> 03:19	<b>TIME OF ARRIVAL:</b> 04:28	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 30'56.85"N , 34 26'16.41"E	Gaza City (University Intersection)	46	03:19		
31 30'35.2" N 34 26'18.71" E	Ministry of Detainees Int.	7	03:20		
31 29'59.68" N 34 26'20.83" E	Al Dahdooh Roundabout	5	03:25		
31 25'57.58" N 34 20'44.43" E	Al Nuseirat Int.	3	03:40		
31 26'34.51" N 34 21'19.33" E	Al Rasheed Street	2	03:43		
31 25'47.41" N 34 20'35.97" E	Deir Al Balah(Akkela ST.)/Al Rasheed ST.			2	03:45
31 25'34.11" N 34 20'30.66" E	Deir Al Balah Camp			4	03:50
31 25'40.44" N 34 20'37.23" E	Deir Al Balah/ Al Bassa			5	03:52
31°25'28.71"N , 34°20'23.98"E	Deir Al Balah/ Al Shuhada' Street			9	03:55
31 25'18.42" N 34 20'42.43" E	Deir al Balah/ Al Be'aa Area			6	03:57
31 25'12.82" N 34 20'46.78" E	Deir Al Balah/ Yafa			5	04:00
31 25'06.94" N 34 20'56.57" E	Deir Al Balah/ Al Burka Roundabout			3	04:05
31°25'1.74"N 34°21'4.08"E	Deir Al Balah City Center	5	04:09	9	04:09



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Isma'eel Radee
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Gaza City-Deir Al Balah	<b>FROM:</b> Gaza City	<b>TO:</b> Deir Al Balah
<b>BUS TYPE:</b> Mercedes 1989	<b>CAPACITY:</b> 50	
<b>TIME OF DEPARTURE:</b> 03:19	<b>TIME OF ARRIVAL:</b> 04:28	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 24'48.79" N 34 20'58.22" E	Deir Al Balah/ Al Hadaba			7	04:13
31 24'41.79" N 34 20'53.15" E	Deir Al Balah/ Al Swarka			5	04:18
31 24'25.24" N 34 20'42.25" E	Deir Al Balah/ Al Furqan Mosque			3	04:22
31 24'07.74" N 34 20'28.14" E	Deir Al Balah/ Omm Dhair			4	04:25
31 24'28.78" N 34 20'12.39" E	Deir Al Balah/ Al Barakeh Area			6	04:28

Tab 63. Gaza City – Khan Younis Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name: Mohammad Al Batran</b>
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date: 15/2/2016</b>

<b>LINE:</b> Gaza City-Khan Younis	<b>FROM:</b> Gaza City	<b>TO:</b> Khan Younis
<b>BUS TYPE:</b> Mercedes 1989	<b>CAPACITY:</b> 50	<b>(Abasan al Kabira)</b>
<b>TIME OF DEPARTURE:</b> 03:20	<b>TIME OF ARRIVAL:</b> 04:28	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 30'56.85"N , 34 26'16.41"E	Gaza City (University Intersection)	59	03:20		
31 30'33.44" N 34 26' 21.34" E	Ministry of Detainees Int.	5	03:23		
31°30'3.34"N , 34°26'2.08"E	Al Sena'a Street	4	03:27		
31 30'00.05"N 34 26'15.52"E	Gaza Community College			1	03:37
31 26'37.16" N 34 23'53.18" E	Al Nuseirat Entra nce			1	03:43
31 24'36.78" N 34 21'35.56" E	Deir Al Balah Entrance			1	03:51
31 23'34.64" N 34 20'47.52" E	Al Matahen Int.			3	03:54
31 22'48.79" N 34 20' 11.32" E	Al Qarara/ Al Jayya Street			2	03:57
31 22'20.81" N 34 19'54.52" E	Al Qarara			2	04:01
31 21'07.4" N 34 18'25.17" E	Al Sikka Street			4	04:05
31 20'41.87" N 34 18'25.17" E	Ghazi Al Farra Tower			2	04:08
31 20'36.13" N 34 18'31.73" E	Hmaid Roundabout			4	04:09
31 20'36.13" N 34 18'50.95" E	Bani Suheila			3	04:11
31 20'37.52" N 34 19'20.34" E	Shuhada' Bani Suheila			2	04:15
31 20'33.64" N 34 19'29.52" E	Bani Suheila Roundabout			15	04:16
31 20'27.21" N 34 19'39.45" E	Al Jundi			4	04:18





## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Mohammad Al Batran
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Gaza City-Khan Younis	<b>FROM:</b> Gaza City	<b>TO:</b> Khan Younis
<b>BUS TYPE:</b> Mercedes 1989	<b>CAPACITY:</b> 50	('Abasan al Kabira)
<b>TIME OF DEPARTURE:</b> 03:20	<b>TIME OF ARRIVAL:</b> 04:28	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 20'07.6" N 34 19'56.43" E	Abasan al Kabira Street			4	04:20
31 20'51.27" N 34 20'13.56" E	The Secondary School			7	04:22
31 19'37.32" N 34 20'34.47" E	Abasan Street			2	04:24
31 19'31.40" N 34 20'38.37" E	Arab College of Applied			1	04:24
31 19'23.85" N 34 20'48.40" E	Absan Roundabout			10	04:28

Tab 64. Gaza City – Rafah Line Onboard Travel Time and Patronage Survey Sheet

## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Rohe Al Batran
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Gaza City-Rafah	<b>FROM:</b> Gaza City	<b>TO:</b> Rafah
<b>BUS TYPE:</b> MAN 2000	<b>CAPACITY:</b> 50	
<b>TIME OF DEPARTURE:</b> 03:30	<b>TIME OF ARRIVAL:</b> 05:02	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 30'56.85"N , 34 26'16.41"E	Gaza City (University Intersection)	93	03:30		
31 19'03.78"N 34 14'56.48"E	Al Hay Al So'udi			2	04:13
31 18'44.82"N 34 15'02.60"E	Dar Al Fadeela School			2	04:14
31 18'34.62"N 34 14'45.01"E	Sa'den Mosque			9	04:16
31 18'35.98"N 34 14'40.94"E	Al Nass Street			2	04:19
31 18'37.52"N 34 14'33.66"E	Kaman Odwan School			7	04:20
31 18'32.02"N 34 14'32.11"E	Jaser Street			2	04:21
31 18'11.85"N 34 14'18.81"E	Sindibad Hall			1	04:23
31 17'49.65"N 34 14'38.10"E	Zu'rob Roundabout			2	04:25
31 17'36.16"N 34 14'40.32"E	Al Aqsa Station			1	04:27
31 17'29.80"N 34 14'45.38"E	Rabi'a School			3	04:28
31 17'22.74"N 34 14'50.93"E	Ali Bin Abe Talib Mosque			1	04:29
31 17'19.48"N 34 14'51.72"E	Al Sho'uth Street			2	04:30
31 17'15.33"N 34 14'54.48"E	Khawla School			2	04:31
31 17'07.64"N 34 14'59.25"E	Kbeer Int.			2	04:31
31.16'58.75"N 34 15'07.91"E	Civil Defense Center			7	04:33
31 17'01.72"N 34 15'18.66"E	Burqa Stadium			1	04:35



## ROAD AND TRANSPORTATION MASTERPLAN

WEST BANK AND GAZA STRIP

<b>PALESTINE PUBLIC TRANSPORT SURVEY</b>	<b>Surveyor's name:</b> Rohe Al Batran
<b>Act.02: On-Board Travel Time &amp; Patronage Survey</b>	<b>Date:</b> 15/2/2016

<b>LINE:</b> Gaza City-Rafah	<b>FROM:</b> Gaza City	<b>TO:</b> Rafah
<b>BUS TYPE:</b> MAN 2000	<b>CAPACITY:</b> 50	
<b>TIME OF DEPARTURE:</b> 03:30	<b>TIME OF ARRIVAL:</b> 05:02	

STOP LOCATION		BOARDING		ALIGHTING	
Coordinates	Area/ Spot	Number of Passengers	Time	Number of Passengers	Time
31 16'56.79"N 34 15'23.63"E	Al Nujma Roundabout			7	04:37
31 16'49.38"N 34 15'20.32"E	Al Awda Mosque			5	04:40
31 16'43.53"N 34 15'21.47"E	The Eastern Terminal			3	04:42
31 16'35.11"N 34 15'26.98"E	Jawwal Company			3	04:43
31 16'26.68"N 34 15'27.78"E	Governorate Building			3	04:44
31 16'27.19"N 34 15'40.97"E	Awad Tower			3	04:45
31 16'26.03"N 34 15'42.48"E	Al Faluja			1	04:46
31°16'20.73"N , 34°15'30.58"E	Abu Baker Street			9	04:47
31 16'23.06"N 34 16'12.35"E	Dier Yaseen Street			4	04:50
31 16'36.32"N 34 16'15.18"E	Al Madkha Street			3	04:52
31 17'26.74"N 34 15'56.09"E	Al Abadela wal Astal Station			6	05:02