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1. パレスチナ自治区との協議録

Minutes of Discussions on the Preliminary Study on the Project for Improvement of Internal City Roads in Jericho in Palestinian Authority

In response to a request from the Palestinian Authority (hereinafter referred to as "PA"), the Government of Japan decided to conduct a Preliminary Study on the Project for Improvement of Internal City Roads in Jericho in the Palestinian Authority (hereinafter referred to as "the Project") and entrusted the study to the Japan International Cooperation Agency (hereinafter referred to as "JICA").

JICA sent to PA the Preliminary Study Team (hereinafter referred to as "the Team"), which is headed by Mr. Toshiyuki IWAMA, Director, Project Study Division I, Grant Aid and Loan Support Department, JICA, and is scheduled to stay in the country from July 13 to August 19, 2008.

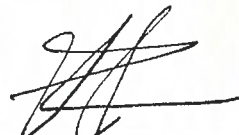
The Team held discussions with the officials concerned of PA and conducted a field survey at the study area.

In the course of discussions and field survey, both parties confirmed the main items described in the Attachment.


Ramallah, July 17, 2008



Mr. Toshiyuki IWAMA
Leader
Preliminary Study Team
Japan International Cooperation Agency



Eng. Mazen Ghunaim
Deputy Minister
Ministry of Local Government
Palestinian Authority



Dr. Cairo Arafat
Director General
Aid Coordination and Management Department
Ministry of Planning
Palestinian Authority

ATTACHMENT

1. Objective of the Project

The objective of the Project is to improve the condition of selected roads in Jericho City.

2. Project Site

The site of the Project is shown in Annex-1.

3. Responsible and Implementing Organization

The responsible Ministry is Ministry of Local Government. The organization chart of the responsible Ministry is shown in Annex-2.

The implementing organization is Jericho Municipality. The organization chart of the implementing organization is shown in Annex-3.

4. Items Requested by PA

4-1. After discussions with the Team, the items described below were requested by PA side.

(1) To improve the 91 existing roads in the City; about the length of 33.76 km

(The list of the roads is shown in Annex-4),

(2) Construction of the sidewalks ; about 4.32 km length alongside 7 major roads in the city,

(3) Installation of street lighting; 13.75 km length alongside 17 major roads in the city.

JICA will assess the appropriateness of the request and will report the findings to the Government of Japan.

5. Japan's Grant Aid Scheme

5-1. PA side understands the Japan's Grant Aid Scheme explained by the Team.

5-2. PA side will take the necessary measures, as described in Annex-5, for smooth implementation of the Project, as a condition for the Japanese Grant Aid to be implemented.

5-3. PA side assured to take the necessary measures to make VAT exemption for all local contracts.

5-4. The parties concerned to the Project are shown in Annex-6, and PA side understood to conclude a procurement management service contract with Japan International Cooperation System (JICS).

6. The JICA Guidelines for Environmental and Social Considerations

6-1. The Team explained the outline of the JICA Guidelines for Environmental and Social Considerations (hereinafter referred to as "the JICA Guidelines"), and the PA side agreed to take the JICA Guidelines into consideration.

6-2. The PA side will conduct the IEE (Initial Environmental Examination) together with the Team.

6-3. The PA side agreed to obtain basic agreement from the Project Affected Persons (PAPs) including land owners regarding the Project, and to arrange the budget allocation for land acquisition, resettlement and compensation for PAPs before the approval of the Project by the Government of Japan, in case any PAPs would be identified at the Project sites.

7. Schedule of the Study

7-1. Consultant members of the Team will proceed to further studies in PA until August 19, 2008. They will work out the justification and the priority of the roads in close collaboration with the Jericho municipality.

7-2. JICA will prepare a summary of the result of the Study, and send it to the PA by the middle of October, 2008.

8. Other Relevant Issues

8-1. PA side shall secure enough budget and personnel necessary for the operation and maintenance of the roads and facilities improved by the Project, including the periodical maintenance work after the completion of the Project.

8-2. PA side shall provide security for all concerned Japanese nationals working for the Project, if deemed necessary.

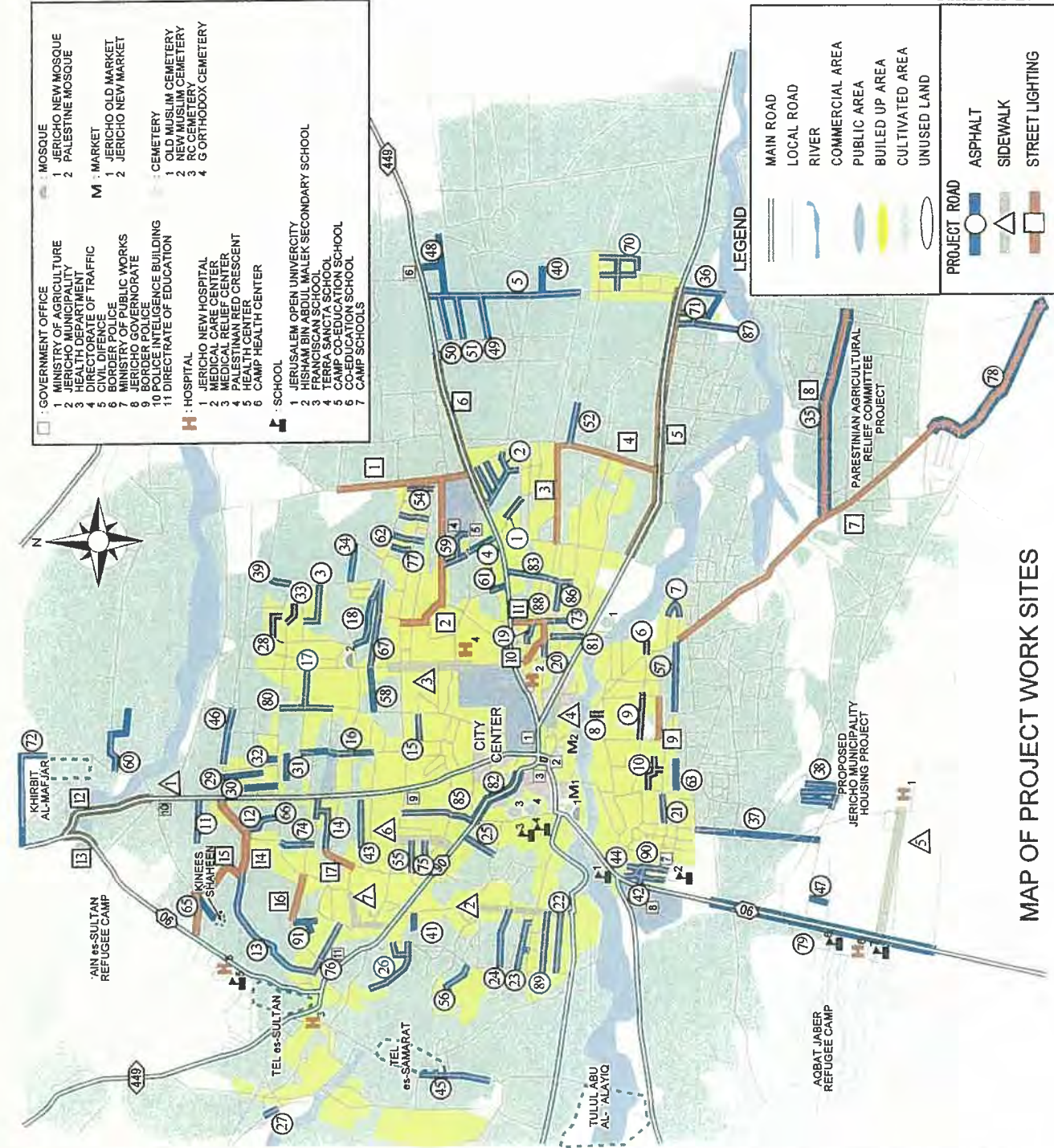
8-3. PA side shall provide necessary numbers of counterpart personnel to the Team during the period of their studies in PA.

8-4 PA side shall submit answers to the Questionnaire, which the Team handed to the PA side, by August 4, 2008.

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MAP OF PROJECT WORK SITES

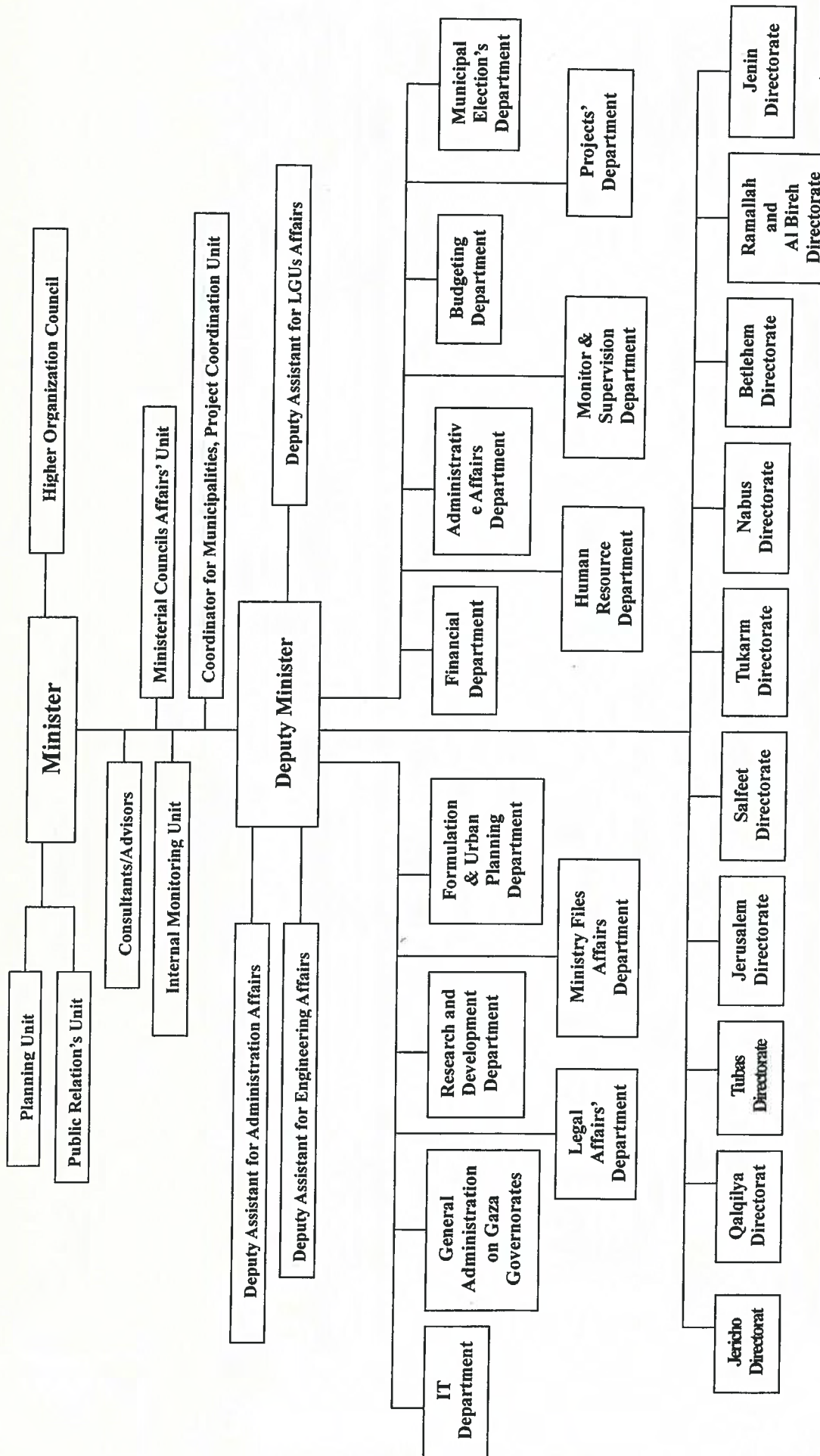
No.	Street Name	No.	Street Name
1	Al Furest	47	Zam Al Mugahidh
2	Abu Ranaucha	48	Abbas Al Awar
3	Al Naman	49	Al Salaman
4	Yahood Jomazier	50	Abu Arabh
5	Iltam Al Mafis	51	Fawqer Bajji
6	Abi Al Ibrahim	52	Abur Ekramawi
7	Omair bin Al Khattab	53	small entrances
8	Al Miam	54	Abdel Highh Abu Saqah
9	Fouad Huzan	55	Ira Abu Rahmih
10	Barhidal	56	Mahmoud Abu Srair
11	Al Yaman	57	Nasim Karima
12	Al Basad	58	Ibrahim Al Hilou
13	Araf Al Araf	59	Al Karbawitk
14	Fasihim Bahlou	60	Abdel Al Raouf Al Naman
15	Al Hidad	61	Fawez Al muakht
16	Al Madina Street	62	Fitradik
17	Abu Aljaji	63	Abu odelh Al mughrab
18	Abu Faris Essaj	64	imcment center street
19	Abu Faran	65	Salih ablo
20	Al Saraf	66	Mohamad yousef ayayibh
21	Al Shik Heth	67	Abu Al moumber
22	Al Shakim	68	Venitable market
23	Hannuad	69	Al Douk
24	Al Baraf	70	Al Jellia
25	Al Burohal	71	Shabrazal
26	Huliam Suii	72	Hitham palace
27	Al Samuak	73	Bahra km
28	Al Bushasha	74	Bhal
29	Ishaghe Balu	75	Yarat
30	Yousef Alwodi	76	Dawal Al Mugahidh
31	Sultam Abu Garazah	77	Al Hadayam
32	Khalafash Hizrri	78	Irao Fetour street
33	Abu Zaitun	79	Al Qudus street
34	Rakmeih Al Okawwi	80	Khalid bin al walid
35	Al Ferosin Street	81	Touam
36	Al Shalaha	82	Era Es Sultam
37	Abdel Elshaher Al bucum	83	Al Amwath
38	Fekam Jericho municipality	84	Diamond site street
39	Hitham Bahio	85	Yafa
40	Khalid Amar	86	Awam al rashrah
41	Ahmed Shinat	87	Baram Fetran Street
42	Al Taham	88	Al Fawam
43	Al Moudrabb agam	89	Kawh bin al awar
44	Mura Al Bakar	90	Saud Savel
45	Tareo Zaki	91	Jubas
46	Khaiber Dawish		

No.	Street Name	No.	Street Name
1	Hitham palace street	5	libe hospital street
2	Alkedawi Street	6	Hifa Street
3	Palestine street	7	Ministry of Education street
4	libe library street		

No.	Street Name	No.	Street Name
10	Al shubela street	11	Bahra Km
11	Michael Khenna	12	Hitham Bahaw Street
12	Al Mamar	13	Buzan street
13	Mohammad Al Jara Street	14	Araf Al Araf
14	Al Madras Street	15	Al Nile
15	Amman Street	16	Bhal
16	Al Oudain	17	Gaza
17	Al Fawar		
18	Dinasha		

SCALE 0 250 500 1000m

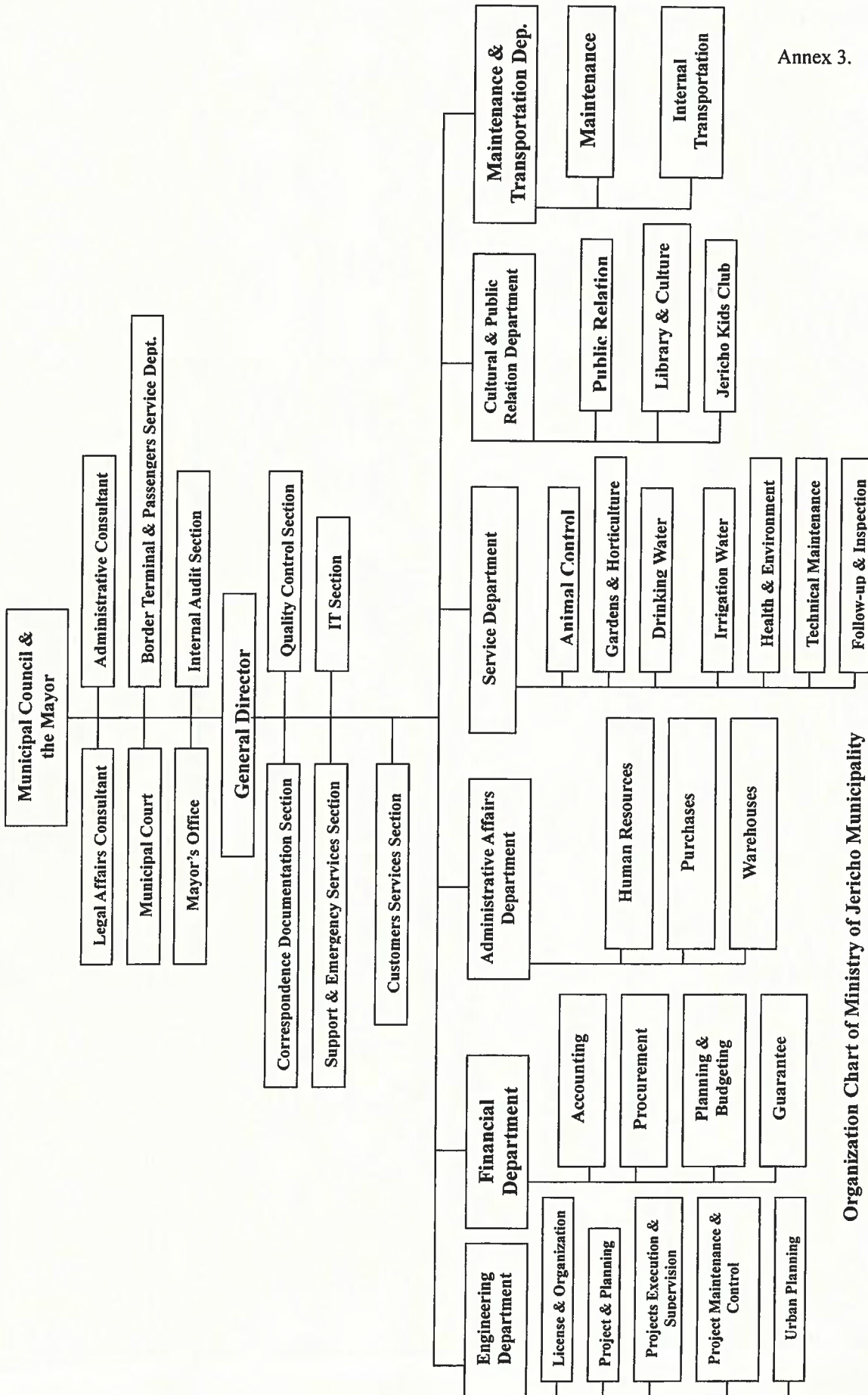
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Annex 2.

Organization Chart of Ministry of Local Government

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Annex 3.

Organization Chart of Ministry of Jericho Municipality

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List of Project Roads Requested by PA

1. Road Improvement					
No.	Street Name	Length (m)	No.	Street Name	Length (m)
1	Al Furat	200	47	Zain Al Mughrabi	150
2	Abu Raausha	800	48	Abass Al Awar	500
3	Al Namari	350	49	Al Salman	260
4	Yabrodi dinameter	400	50	Abu Arab	260
5	Ibnm Al Nafis	900	51	Tayseer Bali	260
6	Ali Al thalam	200	52	Aber Ekrimawi	150
7	Omar bin Al Khatab	200	53	Small entrances	350
8	AL Mimi	130	54	Abdel Hafith Abu Sarah	180
9	Fouad Hijazi	150	55	Isa Abu Rahmih	200
10	Baghdad	280	56	Mahmoud Abu Srou	300
11	Al Yazuri	230	57	Najuan kaabna	500
12	AL Baiad	200	58	Ibrahim Al Hilou	300
13	Arif Al Arif	870	59	Al Karboutly	110
14	Hashim Balou	400	60	Abed Al raouf Al Namari	200
15	Al Hadad	150	61	Fayez al muakit	200
16	Al Malga Street	400	62	Ekdadik	200
17	Abu Aljaj	200	63	Abu odeh Al mughrabi	220
18	Abu Faris Esed	400	64	Tretement center street	500
19	Abu Earam	150	65	Salah abdo	80
20	Al Satafi	100	66	Mohamad yousif auajnih	150
21	Al Shik Harb	200	67	Abu Al mounther	400
22	Al Sakakini	300	68	Vegitable market	-
23	Hammad	370	69	Al Douk	1000
24	Al kutafi	380	70	Al dahia	1000
25	Al Burtukal	300	71	Shahrazad	400
26	Hitham Suiti	520	72	Hisham palace	800
27	Al Samarat	100	73	Bshara kuri	80
28	AL Mushasha	100	74	Bilal	170
29	Ishaque Balu	200	75	Yagi	130
30	Yousif Abuodi	200	76	Dalal Al Mughrabi	100
31	Sultan Abu Gazaleh	250	77	Al Halawani	150
32	Khadigeh Hijazi	80	78	Iron factory street	2000
33	Abu Zaitun	150	79	Al Qudes street	2000
34	Rasmieh Al Owaiwi	250	80	Khalid bin al walid	300
35	Al Forosia Street	1000	81	Tounis	100
36	Al Shalabi	270	82	Ein Es Sultan	500
37	Abed Elkader Al husini	1500	83	Al yarmouk	200
38	Eskan Jericho municipality	2000	84	Dumping silte street	1000
39	Hisham Baluo	100	85	Yafa	500
40	Khalid Amar	250	86	Aum al rashrash	100
41	Ahmed Shatat	100	87	Batari Factori Street	200
42	Al Tahan	220	88	Al Fityani	130
43	Al Moughrabi qasem	400	89	Kawla bnt al azwar	250
44	Musa Al Bakar	200	90	Saaid Sayel	320
45	Tareq Zaki	250	91	Jubas	160
46	Khader Darwish	300		Total	33,760

2. Street Lighting					
No.	Street Name	Road Length (m)	No.	Street Name	Road Length (m)
1	al shuhada street	800	10	Ali Bin Abi Talib	200
2	Mikael Naema	450	11	Bshara Kuri	250
3	al Manar	600	12	Hisham Balace Street	800
4	mohammad Al dora Street	1200	13	Bisan street	1800
5	Al Magtas Street	650	14	Araif Al Aref	800
6	amman Street	750	15	Al Nile	1000
7	al Qadesia	2500	16	Bilal	350
8	Al Furusia	1000	17	Gaza	500
9	Dimashq	100		Total	13,750

3. Sidewalk					
No.	Street Name	Length (m)	No.	Street Name	Length (m)
1	Hisham palace street	1370	5	the hospital street	820
2	Alkedawi Street	700	6	Hifa Street	390
3	palestine street	470	7	ministry of Education street	230
4	the library street	340		Total	4,320

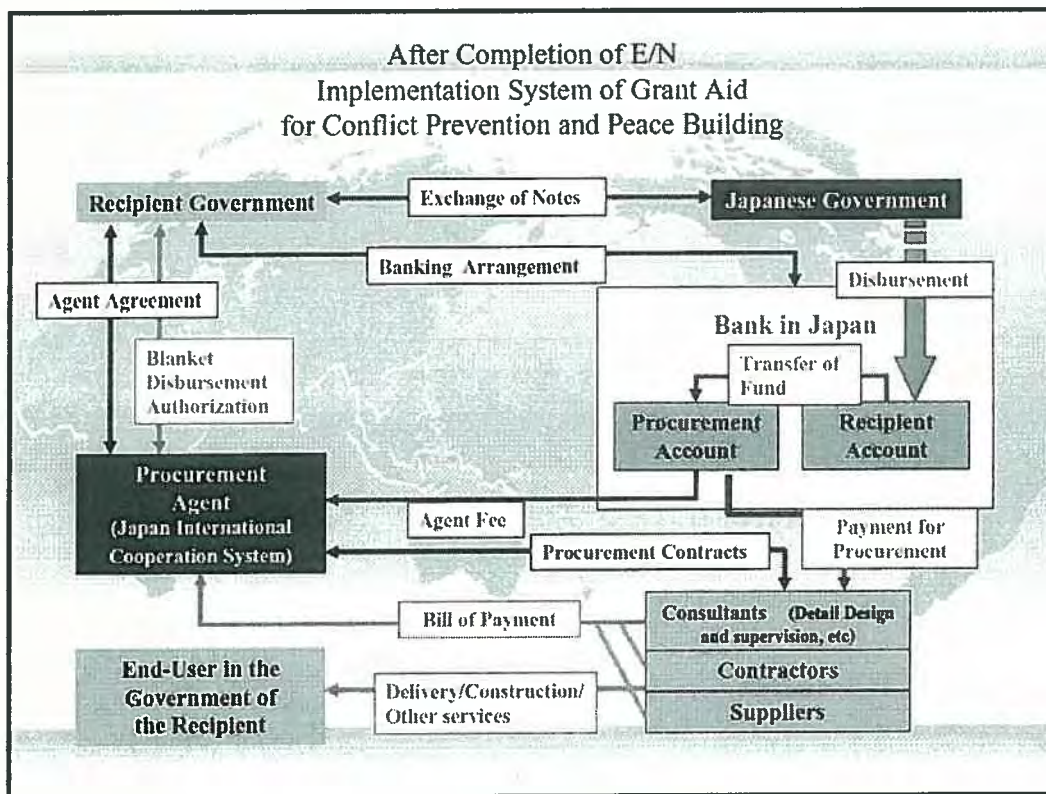
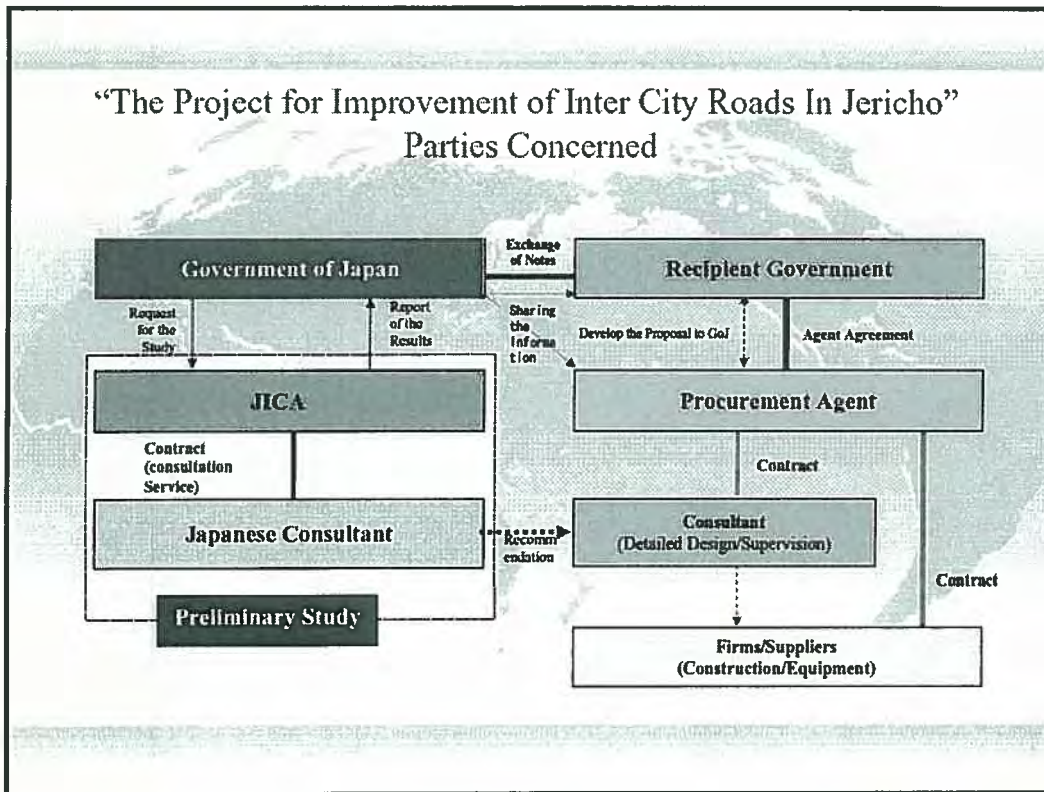
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Major Undertakings to be taken by Each Government

No.	Items	To be covered by Grant Aid	To be covered by Recipient Country
1	To secure land		●
2	To clear, level and reclaim the site when needed		●
3	Relocation, improvement and/or repair of existing utilities (power lines, telecommunication lines, water lines, etc.), if necessary.		●
4	To bear the following commission to the Japanese bank for the banking services based upon the B/A		
	1) Advising commission of BDA (Blanket Disbursement Authorization)		●
	2) Payment commission		●
5	To ensure prompt unloading and customs clearance at port of disembarkation in recipient country		
	1) Marine (Air) transportation of the products from Japan to the recipient country	●	
	2) Tax exemption and custom clearance of the products at the port of disembarkation		●
	3) Internal transportation from the port of disembarkation to the project site	●	
6	To accord those, whose services may be required in connection with the supply of the products and the services under the verified contract, such facilities as may be necessary for their entry into PA and stay therein for the performance of their works, within the authority of PA.		●
7	To exempt from customs duties, internal taxes and other fiscal levies which may be imposed in PA with respect to the supply of the products and services under the verified contracts, within the authority of PA.		●
8	To maintain and use properly and effectively the facilities constructed and equipment provided under the Japan's Grant		●
9	To bear all the expenses, other than those to be borne by the Japan's Grant, necessary for construction of the facilities		●

(B/A: Banking Arrangement, A/P: Authorization to Pay)



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**Flow of
Grant Aid for Conflict Prevention and Peace Building
After Conclusion of E/N**

- 1 Conclusion of Exchange of Note (E/N)**
- 2 Conclusion of Banking Arrangement (B/A) and opening Recipient Account**
- 3 Disbursement of Fund to Recipient Account**
- 4 Conclusion of Agent Agreement (A/A)**
- 5 Transfer of Fund to Procurement Account from Recipient Account**
- 6 Procurement of goods and services (construction and supervision, etc)**
 - 6-1 Tender or other appropriate methods**
 - 6-2 Conclusion of Contracts**
 - 6-3 Construction / Supervision / Delivery of goods**
- 7 Payments including Agent fee from Procurement Account**

Roles of Procurement Agent

- ① Work for the Recipient Government as an Agent**
- ② Administrate the Grant Budget**
- ③ Prepare for and evaluate tender or other appropriate methods**
- ④ Conclude contracts with suppliers and service providers (consultant, contractors etc.)**
- ⑤ Procure necessary goods**
- ⑥ Supervise construction**
- ⑦ Make payment to suppliers and service providers**
- ⑧ Manage progress of the project**

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2. 実施機関との打ち合わせに関するテクニカルノート

TECHNICAL NOTES ON THE MEETING BETWEEN OFFICIALS OF THE MUNICIPALITY OF JERICHO AND THE JICA STUDY TEAM ON THE PROJECT FOR IMPROVEMENT OF INTERNAL CITY ROADS IN JERICHO, PALESTINIAN AUTHORITY

AGENDA	:	1. Confirmation of Target Roads 2. Requirements of Road Improvement 3. Social and Environmental Considerations
DATE AND TIME	:	Saturday, August 16, 2008; 08:30 to 09:30 a.m.
VENUE	:	Engineering Department, Municipality of Jericho
PARTICIPANTS	:	(See Annex 1)

The meeting was convened by Mr. Basel A. Hijazi, Head of the Engineering Department, Municipality of Jericho, at 08:30 a.m. on August 16, 2008, to discuss and confirm certain issues necessary to be resolved before starting the Project for Improvement of Internal City Roads in Jericho, Palestinian Authority. As listed in the Agenda, the following issues were taken up in the meeting:

1. CONFIRMATION OF TARGET ROADS

The lengths and locations of target roads are as shown in Annex 2. The total road length of 115 stretches has been estimated at 49.88 km by aerial photography and GPS survey, but the requested length in the beginning of the preliminary study is 51.83 km only, as shown below.

Scope of Road Improvement	Requested Length	Estimated Length
Improvement of existing roads (91 roads)	33.76 km	30.98 km
Construction of sidewalks (7 roads)	4.32 km	5.08 km
Installation of street lighting (17 roads)	13.75 km	13.82 km
Total	51.83 km	49.88 km

2. REQUIREMENTS OF ROAD IMPROVEMENT

The standard road width of the target roads is 9 m with pavement of 5 m, but the required road width would vary due to the Right-of-Way under the city plan and also the limited urban road spaces, as shown in the Annex 3.

The standard sidewalk width is 2 m and the sidewalk will be provided at only one side of the road because of the narrow road space, so as to keep the existing ditch not covered by sidewalk.

Street lighting will be provided at every 40 meters interval at the height of 8 m except those to be provided at the main arterial roads (Amman Street and Al Qadesia Road) where the height should be 12 m.

Prioritization of road improvement required by the Municipality of Jericho is shown in Annex 4 and Annex 5, in consideration of function and socio-economic aspect. Al Qudes Street is a specifically important road, socially and economically, in Jericho Municipality and, although only pavement rehabilitation was required at the beginning of the preliminary study, raising of the road elevation is required to prevent inundation by yearly floods. The road length, however, will be decreased from 2 km to 500 m so as not to increase the cost of the Project.

3. SOCIAL AND ENVIRONMENTAL CONSIDERATIONS

3.1 Land Clearing (removal of obstacles at the proposed project sites)

The Municipality of Jericho will start the removal of all obstacles at the project sites to secure the proposed road widths immediately after the final decision of the Japanese Government on which roads to include in the conceived Project.

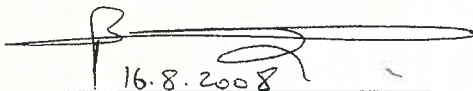
The reasons for having low priority roads from the social and environmental perspective have been confirmed between the Municipality of Jericho and the JICA Preliminary Study Team, and the time needed for land clearing for the roads, which involve large-scale obstacles, have been indicated by the Municipality (see Annex 6).

3.2 Compliance with the Palestinian Environmental Assessment Policy

The Palestinian side will start to go through the procedure of Palestinian Environmental Assessment immediately after the final decision of the Japanese Government on which roads to include in the conceived Project. As the first step, the Palestinian side will prepare an application for environmental approval and submit it to the Environmental Quality Authority (EQA) (see Annex 7). In case Initial Environmental Examination (IEE) or Environmental Impact Assessment (EIA) is requested by the EQA, the Municipality shall immediately start IEE/EIA and obtain an environmental approval before the implementation of the Project.

The contents of this Minutes of Meeting were unanimously approved by both parties, at the Municipality of Jericho, Palestinian Authority, on August 16, 2008.

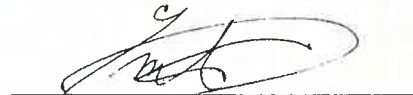
FOR AND ON BEHALF OF THE
MUNICIPALITY OF JERICHO,
PALESTINIAN AUTHORITY:



16.8.2008
BASEL A. HIJAZI

Head of Engineering Department
Municipality of Jericho

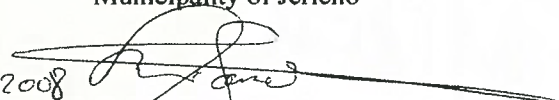
FOR AND ON BEHALF OF JICA,
GOVERNMENT OF JAPAN:



YUZO MIZOTA

Road Planner
JICA Study Team

16-8-2008



SAMAR ZAINA

Head of the Planning Project Section
Engineering Department
Municipality of Jericho

LIST OF MEETING PARTICIPANTS

Date and Time : Saturday, August 16, 2008; 8:30 to 9:30 A.M.
Venue : Engineering Department, Jericho Municipality

(1) Jericho Municipality

1. Mr. Basel A. Jijazi Head of Engineering Department, Municipality of Jericho
2. Mrs. Samar Zaina Head of Planning Project Section, Engineering Department, Municipality of Jericho

(2) JICA Study Team

1. Mr. Yuzo Mizota Road Planner I / Construction & Procurement Condition Survey
2. Mr. Ryuichi UENO Road Planner II / Road Traffic Planner
3. Dr. Hideki YUKIHIRA Specialist on Environmental and Social Considerations



ROAD PROJECT LIST

1. Road Improvement

Project Road	Street Name	Length (m)
1	Al Furat	240
2	Abu Raasha	780
3	Al Namari	115
4	Yabrodi Dinameter	480
5	Ibn Al Nafis	1,030
6	Al Tholam	150
7	Omar Bin Al Khatab	220
8	Al Mimi	140
9	Fouad Hijazi	180
10	Baghdad	320
11	Al Yazuri	150
12	AL Balad	130
13	Arif Al Arif	870
14	Hashim Balou	400
15	Al Hadad	180
16	Al Malga Street	440
17	Abu Aljaj	210
18	Abu Faris Esed	400
19	Abu Earam	200
20	Al Satafi	90
21	Al Shikh Harb	210
22	Al Sakakini	310
23	Hammad	370
24	Al Kutafi	400
25	Al Burtukal	230
26	Hitham Sufi	570
27	Al Samarat	30
28	Al Mushasha	135
29	Ishaque Balu	150
30	Yousif Abuodi	150
31	Sultan Abu Gazaleh	170
32	Khadijeh Hijazi	90
33	Abu Zaitun	140
34	Rasmieh Al Owaiwi	250
35	Al Forosia Street	1,280
36	Al Shalabi	270
37	Abed Elkader Al Husini	950
38	Eskan Jericho Municipality	500
39	Hisham Baluo	135
40	Khalid Amar	200
41	Ahmed Shatat	30
42	Al Tahan	330
43	Al Moughrabi Qasem	360
44	Musa Al Bakar	190
45	Tareq Zaki	260
46	Khader Darwish	320

Project Road	Street Name	Length (m)
47	Zain Al Mughrabi	100
48	Abass Al Awar	460
49	Al Salman	290
50	Abu Arab	290
51	Tayseer Bali	280
52	Aber Ekrimawi	120
53	Small Entrances	310
54	Abdel Hafith Abu Sarah	130
55	Isa Abu Rahmih	200
56	Mahmoud Abu Srou	300
57	Najuan Kaabna	360
58	Ibrahim Al Hilou	280
59	Al Karbouty	270
60	Abed Al raouf Al Namari	200
61	Fayez Al Muakit	200
62	Edkadik	230
63	Abu odeh Al Mughrabi	220
64	Tretement Center Street	500
65	Salah Abdo	150
66	Mohamad Yousif Auajnih	170
67	Abu Al Mounther	400
68	Vegetable Market	0
69	Al Douk	580
70	Al Dahia	860
71	Shahrazad	540
72	Hisham Palace	920
73	Bshara Khuri	80
74	Bilal	180
75	Yaghi	130
76	Dalal Al Mughrabi	100
77	Al Halawani	140
78	Iron Factory Street	2,100
79	Al Qudes Street	500
80	Khalid Bin Al Walid	300
81	Tounis	130
82	Ein Es Sultan	500
83	Al Yarmouk	420
84	Dumping Site Street	1100
85	Yafa	480
86	Aum Al Rashrash	170
87	Batari Factory Street	300
88	Al Fityani	130
89	Khawla Bnt Al Azwar	380
90	Saaid Sayel	580
91	Al Sahouri	160
Total		30,975

2. Street Lighting

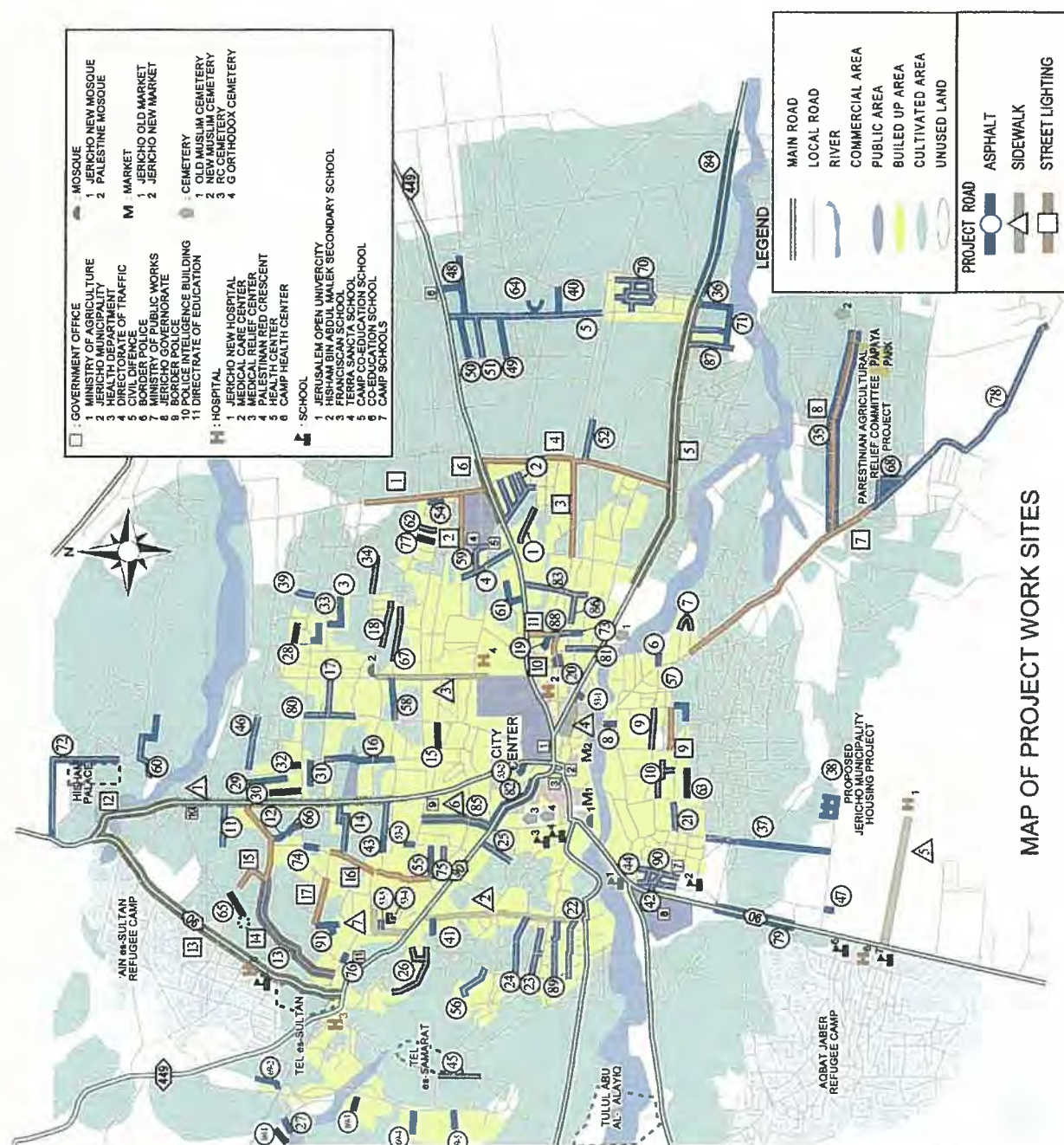
Project Road	Street Name	Length (m)
1	Al Shuhada Street	820
2	Mikhael Naema	500
3	Al Manar	630
4	Mohammad Al Dora Street	1,060
5	Al Magtas Street	2,200
6	Amman Street	570
7	Al Qadesia	1,200
8	Al Furusia	1,280
9	Dimashq	270

Project Road	Street Name	Length (m)
10	Ali Bin Abi Talib	250
11	Bshara Khuri	0
12	Hisham Palace Street	680
13	Bisan Street	2,000
14	Araif Al Aref	870
15	Al Nile	790
16	Bilal	370
17	Gaza	330
Total		13,820

3. Sidewalk

Project Road	Street Name	Length (m)
1	Hisham Palace Street	1430
2	Alkedawi Street	1090
3	Palestine Street	800
4	the Library Street	250

Project Road	Street Name	Length (m)
5	the Hospital Street	780
6	Yafa Street	480
7	Ministry of Education Street	450
Total		5,080



MAP OF PROJECT WORK SITES

No.	Street Name	No.	Street Name
1	Al Furaiq	27	Zain Al Moudaribi
2	Abu Rousha	28	Abass Al Awad
3	Al Najar	29	Al Salimani
4	Yahoudi Dinamiqar	30	Abu Anab
5	Ibn Al Nayis	31	Fayez Belli
6	Al Tholan	32	Abaz Ekrinawi
7	Omara Bin Al Khatib	33	Small Entrance
8	Al Mirni	34	Abdel Hadyh Abu Sarah
9	Foad Hajar	35	Ibn Abu Salamih
10	Bashadil	36	Mohammed Abu Saour
11	Al Yazou	37	Salamun Kababa
12	Al Barad	38	Ibrahim Al Hilou
13	Al Anif	39	Al Karoubiy
14	Hisham Bilou	40	Abdel Al moft Al Baynati
15	Al Haded	41	Fayez Al amaki
16	Al Mahan Street	42	Efshakh
17	Abu Alan	43	Abu ooch Al moabrabi
18	Abu Fays Ezed	44	Trestment center street
19	Abu Eragm	45	Solabi abdo
20	Al Satali	46	Mohammed Yusuf Awamih
21	Al Shiba Harb	47	Abu Al poumber
22	Al Shokhon	48	Yeroudie Market
23	Hamoud	49	Al Dailin
24	Al Iwafid	50	Shabanazad
25	Al Burtakal	51	Hisham Palace
26	Hisham Suij	52	Bakara Khari
27	Al Sarwan	53	Bilal
28	Al Mitrabcha	54	Yaouh
29	Hesoue Balu	55	Dahil Al Moudarabi
30	Yasouf Abessid	56	Al Halasani
31	Saltan Abu Garaleh	57	Ibn Essouq Street
32	Khadirah Hhadi	58	Al Oubay Street
33	Abu Zuhun	59	Khalid bin al walid
34	Moumneh Al Oubay	60	Tromie
35	Al Farouq Street	61	An Es Sulhan
36	Al Shalabi	62	Al Yarmouk
37	Abdel Elwader Al Husini	63	Dunsiqie alle street
38	Efson Jericho Municipality	64	Yafa
39	Hisham Balou	65	Amn Al moabrach
40	Khalid Anar	66	Batou Enoum Street
41	Amesd Sheah	67	Al Fityani
42	Al Taban	68	Kwala bin al azour
43	Al Moudarabi Osson	69	Saad Stavel
44	Musa Al Bishar	70	Al Shouari
45	Tarouq ZAV	71	Al Shouari
46	Hisham Darashih		

No.	Street Name
1	Hisham Palace Street
2	Al Kebab Street
3	Palatine Street
4	Ibn Libarou Street

No.	Street Name
1	Al Shubaha Street
2	Mikhael Naoua
3	Al Manar
4	Mohammed Al Dana Street
5	Al Maras Street
6	Amman Street
7	Al Oubeyh
8	Al Furayh
9	Dinamiqar

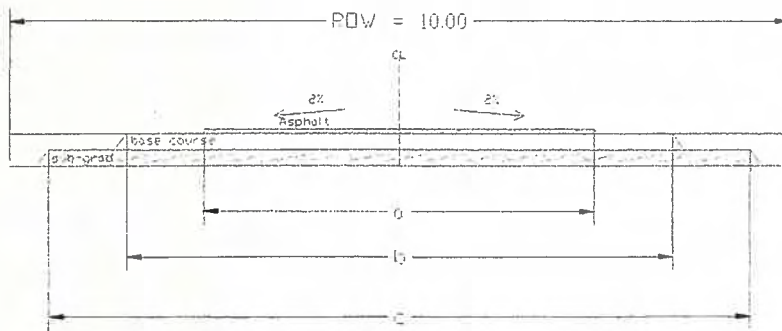
SCALE
0 250 500 1000m

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TYPICAL CROSS SECTION

1. Road Improvement

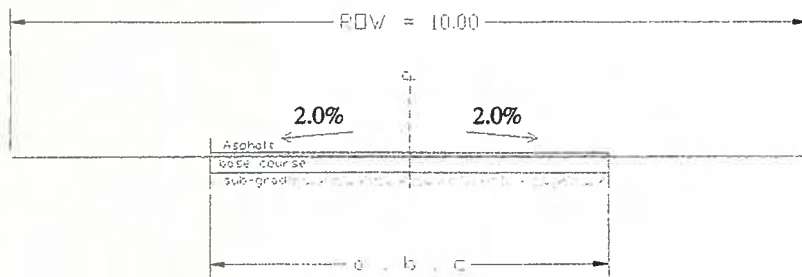
Type I



Type	a (m)	b (m)	c (m)
I-1	5	7	9
I-2	5	7	8
I-3	5	7	7
I-4	5	6	6
I-5	8	9	9

a: asphalt
b: base course
c: sub grade

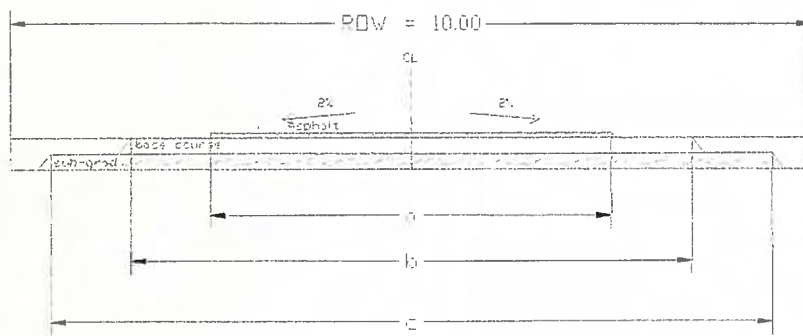
Type II



Type	a (m)	b (m)	c (m)
II-1	3	3	3
II-2	4	4	4
II-3	5	5	5

a: asphalt
b: base course
c: sub grade

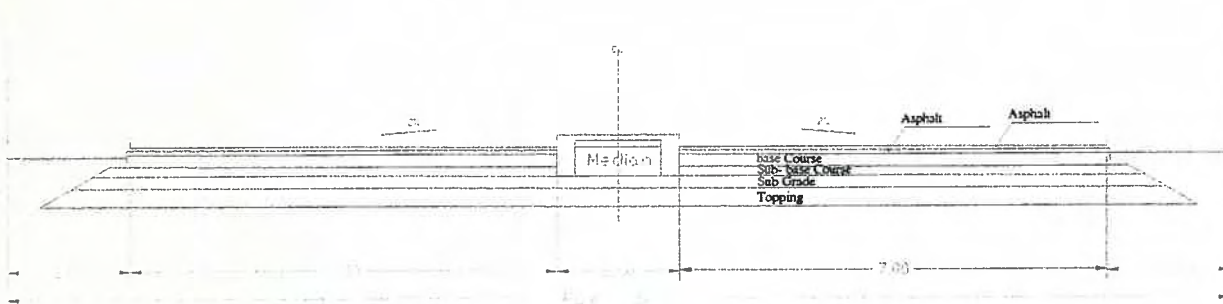
Type III



Type	a (m)	b (m)	c (m)
III-1	4	6	8

a: asphalt
b: base course
c: sub grade

Type IV ROW = 20m (with Median)



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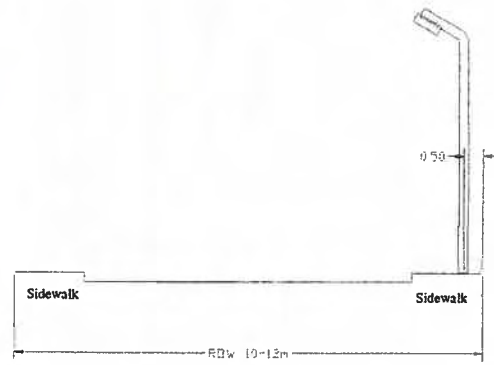
- 6 *

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2. Street Lighting

TYPE L-1 (Street lighting is located one side at 0.5 m from sidewalk)

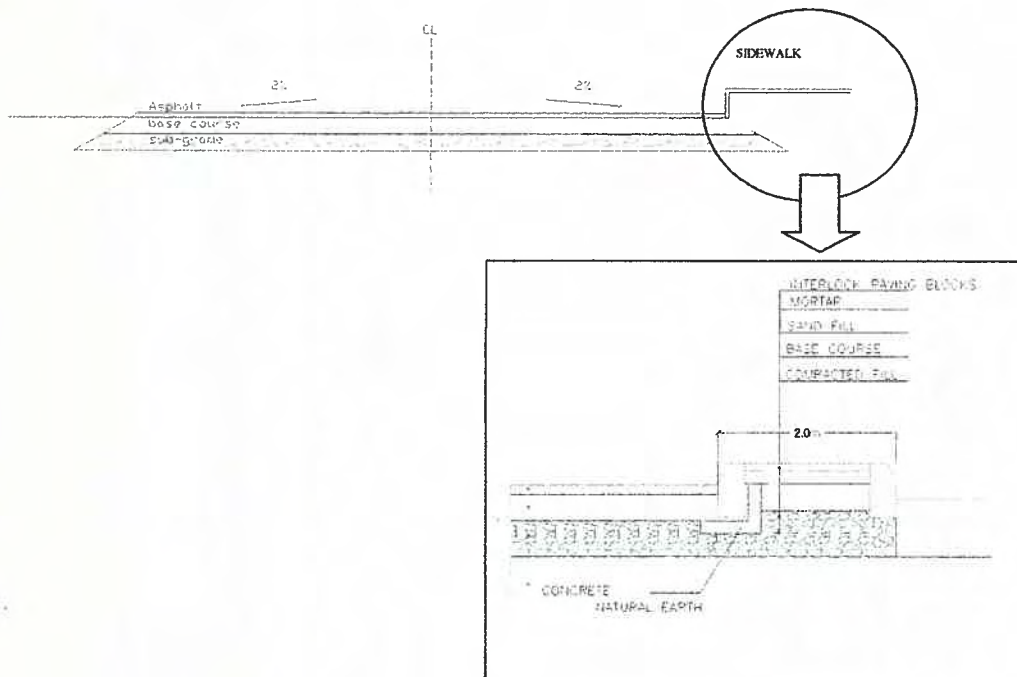


TYPE L-2 (Street lighting is located both side at 0.5 m from sidewalk)



3. Sidewalk

TYPE S-1



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PRIORITIZATION OF ROAD IMPROVEMENT

The concept of prioritization of road improvement and prioritization of the Project requested by Jericho Municipality is as follows:

1. CONCEPT OF PRIORITIZATION

The prioritization of road improvement was decided from the viewpoint of socio-economic importance, popularity and socio-environmental considerations, as follows:

Prioritization of Road Improvement	Category	Concept of Prioritization
1st Priority	A	Arterial roads radiating from the center of Jericho Municipality are the most urgent roads to be improved. Especially, the three (3) main arterial roads to Jerusalem/Ramallah, Nablus and Amman of Jordan are the most urgent. Secondly, the arterial roads to Hisham Palace, solid waste landfill site, amusement park/new muslim cemetery, and Tululabu Al Alayiq are required to be improved.
2nd Priority	B	Link road to connect arterial roads are prioritized.
3rd Priority	C	Tourism and industrial roads are important in the socio-economic point of view.
4th Priority	D	Missing roads to connect existing paved road networks are also prioritized as well as the approach roads to public facilities such as hospitals, mosques, schools, cemeteries, etc.
5th Priority	E	City roads in high density residential areas are prioritized in view of utilization of public roads.
6th Priority	F	City roads in low density residential areas have lower priority compared to the high density residential areas. Furthermore, dead end roads are categorized under lower priority "F" because of lower popularity. Furthermore, some stretches among the Category "F" roads have lower priority compared to Category "G" because of their location in future development areas.
7th Priority	G	In case that there is no agreement reached between land owners/users and Jericho Municipality, and/or a large-scale obstacle need to be removed, the lower "G" category is taken in consideration of smooth implementation of the Project.

2. PRIORITIZATION OF THE PROJECT

Prioritization of the Project for Improvement of Internal City Roads in Jericho is required by Jericho Municipality, as follows:

Prioritization of the Project							
Improvement of Existing Road (91 roads)				Construction of Sidewalk (7 roads)		Installation of Street Lighting (17 roads)	
Pavement Construction		Pavement Rehabilitation					
Category	Priority	Category	Priority	Category	Priority	Category	Priority
A	②	A	①	A	⑦	A	⑥
B	②	B	①	B	⑦	B	⑥
C	②	C	①	C	⑦	C	⑥
D	③	D	—	D	⑪	D	⑫
E	④	E	①	E	⑪	E	⑫
F	⑤	F	⑨			F	⑫
F*	⑧						
G	⑩						
F**	⑬						

* Some roads in Category "F" have lower priority compared to the sidewalk construction and the installation of street lighting facilities.

** Some roads in Category "F" have the lowest priority in the target roads, because the future development plans near the target areas have not yet been decided to be implemented by the Jericho Municipal Government. Furthermore, shorter roads of around 50m or less in length in low density residential areas also have the lowest priority.

The table of road improvement project prioritization is given in **Annex 5**.

- 9 x

PRIORITIZATION OF ROAD PROJECTS

1. Road Improvement

1.1 Pavement Construction

Ranking	Project Road No.	Street Name	Length (m)	ROW (m)	Proposed Dimensions(m)				Cross-section Type	Priority to Improve
					Width	Paved	B. Course	Sub Grade		
1	5	Ibn Al Nafis	1,030	16	9	5	7	9	I-1	B
2	35	Al Forosia Street	1,280	12	9	8	9	9	I-5	C
3	16	Al Malga Street	440	10	9	5	7	9	I-1	D
4	26	Hitham Sutti	570	10	6	5	6	6	I-4	D
5	14	Hashim Balou	350	10	9	5	7	9	I-1	D
			50		5	5	5	5	II-3	
6	24	Al Kutafi	400	10	9	5	7	9	I-1	D
7	67	Abu Al Mounther	320	10	9	5	7	9	I-1	D
			80		5	5	5	5	II-3	
8	23	Hammad	370	10	8	5	7	8	I-2	D
9	57	Najuan Kaabna	360	10	9	5	7	9	I-1	D
10	42	Al Tahan	330	14	9	5	7	9	I-1	D
11	10	Baghdad	290	8	8	5	7	8	I-2	D
			30		5	5	5	5	II-3	
12	25	Al Burtukal	230	10	9	5	7	9	I-1	D
13	1	Al Furat	240	10	9	5	7	9	I-1	D
14	21	Al Shikh Harb	210	10	9	5	7	9	I-1	D
15	55	Isa Abu Rahmih	200	8	8	5	7	8	I-2	D
16	44	Musa Al Bakar	190	14	9	5	7	9	I-1	D
17	9	Fouad Hijazi	180	10	9	5	7	9	I-1	D
18	74	Bilal	180	10	9	5	7	9	I-1	D
19	28	Al Mushasha	135	4	4	4	4	4	II-2	D
20	75	Yaghi	130	10	9	5	7	9	I-1	D
21	3	Al Namari	115	10	9	5	7	9	I-1	D
22	71	Shahrazad	540	10	9	5	7	9	I-1	E
23	64	Tretement Center Street	500	10	9	5	7	9	I-1	E
24	36	Al Shalabi	270	15	9	5	7	9	I-1	E
25	38	Eskan Jericho Municipality	500	10	9	5	7	9	I-1	E
26	49	Al Salman	290	10	9	5	7	9	I-1	E
27	50	Abu Arab	290	10	9	5	7	9	I-1	E
28	51	Tayseer Bali	280	10	9	5	7	9	I-1	E
29	48	Abass Al Awar	460	10	9	5	7	9	I-1	F
30	62	Edkadik	230	8	8	5	7	8	I-2	F
31	77	Al Halawani	140	10	9	5	7	9	I-1	F
32	54	Abdel Hafith Abu Sarah	130	10	9	5	7	9	I-1	F
33	52	Aber Ekrimawi	120	12	9	5	7	9	I-1	F
34	56	Mahmoud Abu Srour	300	10	9	5	7	9	I-1	F
35	59	Al Karboutly	270	4	4	4	4	4	II-2	F
36	45	Tareq Zaki	260	10	9	5	7	9	I-1	F
37	40	Khalid Amar	200	10	9	5	7	9	I-1	F
38	91	Al Sahouri	160	8	7	5	7	7	I-3	F
39	6	Al Tholam	150	10	9	5	7	9	I-1	F
40	11	Al Yazuri	150	6	6	5	6	6	I-4	F
41	30	Yousif Abuodi	150	3	3	3	3	3	II-1	F
42	33	Abu Zaitun	140	4	4	4	4	4	II-2	F
43	32	Khadigeh Hijazi	90	4	4	4	4	4	II-2	F
44	2	Abu Rausha	780	8	7	5	7	7	I-3	F*
45	39	Hisham Baluo	135	10	9	5	7	9	I-1	F*
46	70	Al Dahia	860	7	7	5	7	7	I-3	F*
47	7	Omar Bin Al Khatab	220	10	9	5	7	9	I-1	F*
48	65	Salah Abdo	150	10	9	5	7	9	I-1	F*
49	60	Abed Al raouf Al Namari	200	8	8	5	7	8	I-2	F*
50	31	Sultan Abu Gazaleh	170	5	5	5	5	5	II-3	F*
51	47	Zain Al Mughrabi	100	8	8	5	7	8	I-2	F*
52	18	Abu Faris Esed	400	10	7	5	7	7	I-3	F*

Ranking	Project Road No.	Street Name	Length (m)	ROW (m)	Proposed Dimensions(m)				Cross-section Type	Priority to Improve
					Width	Paved	B. Course	Sub Grade		
53	13	Arif Al Arif	870	10	9	5	7	9	I-1	G(C)
54	72	Hisham Palace	920	10	9	5	7	9	I-1	G(C)
55	4	Yabrodi Dinameter	460	10	7	5	7	7	I-3	G(D)
56	43	Al Moughrabi Qasem	210	10	9	5	7	9	I-1	G(D)
			150		4	4	4	4		
57	58	Ibrahim Al Hilou	280	10	7	5	7	7	I-3	G(D)
58	22	Al Sakakini	310	10	9	5	7	9	I-1	G(D)
59	15	Al Hadad	180	8	8	5	7	8	I-2	G(D)
60	17	Abu Aljaj	210	10	9	5	7	9	I-1	G(D)
61	20	Al Safafi	90	10	9	5	7	9	I-1	G(D)
62	69	Al Douk	580	10	9	5	7	9	I-1	G(D)
63	73	Bshara Khuri	80	10	9	5	7	9	I-1	G(D)
64	12	AL Baiad	130	4	4	4	4	4	II-2	G(D)
65	66	Mohamad Yousif Auajnih	170	10	9	5	7	9	I-1	G(E)
66	34	Rasmieh Al Owaiwi	250	10	9	5	7	9	I-1	G(F)
67	63	Abu odeh Al Mughrabi	220	4	4	4	4	4	II-2	G(F)
68	61	Fayez Al Muakit	200	4	4	4	4	4	II-2	G(F)
69	76	Dalai Al Mughrabi	100	10	9	5	7	9	I-1	G(F)
70	46	Khader Darwish	320	12	9	5	7	9	I-1	G(F)
71	29	Ishaque Balu	150	3	3	3	3	3	II-1	G(F)
72	8	Al Mimi	140	3	3	3	3	3	II-1	G(F)
73	19	Abu Earam	200	5	5	5	5	5	II-3	G(F)
74	53	Small Entrances	310	3	3	3	3	3	II-1	F**
75	41	Ahmed Shatat	30	3	3	3	3	3	II-1	F**
76	27	Al Samarat	30	4	4	4	4	4	II-2	F**
77	68	Vegitable Market	-	-	-	-	-	-	-	F**
78	37	Abed Elkader Al Husini	950	20	9	5	7	9	I-1	F**
79	78	Iron Factory Street	2,100	20	20	14	14	14	IV-1	F**
Total			25,985							

1.2 Rehabilitation

Ranking	Project Road No.	Street Name	Length (m)	ROW (m)	Proposed Dimensions(m)				Cross-section Type	Priority to Improve
					Width	Paved	B. Course	Sub Grade		
1	79	Al Qudes Street	500	20	20	14	14	14	IV-1	A
2	82	Ein Es Sultan	500	20	20	14	14	14	IV-1	A
3	84	Dumping Silte Street	1100	14	9	5	7	9	I-1	A
4	85	Yafa	480	10	9	5	7	9	I-1	B
5	80	Khalid Bin Al Walid	300	10	8	4	6	8	III-1	B
6	81	Tounis	130	10	8	4	6	8	III-1	B
7	90	Saaïd Sayel	580	10	8	4	6	8	III-1	E
8	83	Al Yarmouk	420	10	8	4	6	8	III-1	E
9	88	Al Fityani	130	10	8	4	6	8	III-1	E
10	89	Khawla Bnt Al Azwar	380	10	9	5	7	9	I-1	E
11	86	Aum Al Rashrash	170	10	4	4	4	4	II-2	E
12	87	Batari Factory Street	300	10	9	5	7	9	I-1	F
Total			4,990							

2. Street Lighting

Ranking	Project Road No.	Street Name	Length (m)	ROW (m)	No of Lighting		Cross-section Type	Priority to Improve
					Type A	Type B		
1	6	Amman Street	570	20	0	30	L-2	A
2	5	Al Magtas Street	2,200	20	0	55	L-1	A
3	13	Bisan Street	2,000	20	0	50	L-1	A
4	12	Hisham Palace Street	680	12	0	17	L-1	A
5	4	Mohammad Al Dora Street	1,060	10	0	27	L-1	B
6	2	Mikhael Naema	500	10	13	0	L-1	B
7	3	Al Manar	630	10	11	6	L-1	B
8	16	Bilal	370	10	2	7	L-1	B
9	9	Dimashq	270	10	0	7	L-1	B
10	1	Al Shuhada Street	820	12	0	21	L-1	C
11	17	Gaza	330	10	0	9	L-1	D
12	10	Ali Bin Abi Talib	250	10	3	4	L-1	D
13	8	Al Furusia	1,280	12	32	0	L-1	E
14	15	Al Nile	790	12	0	20	L-1	E
15	14	Araif Al Aref	870	10	0	22	L-1	E
16	7	Al Qadesia	1,200	20	0	0	L-2	F
17	11	Bshara Khuri	0*	10	0	60		
Total			13,820					

Note: Type A is attached on existing pole, Type B is to construct lighting and pole.

* The street lighting has already been installed along Bshara Khuri street .

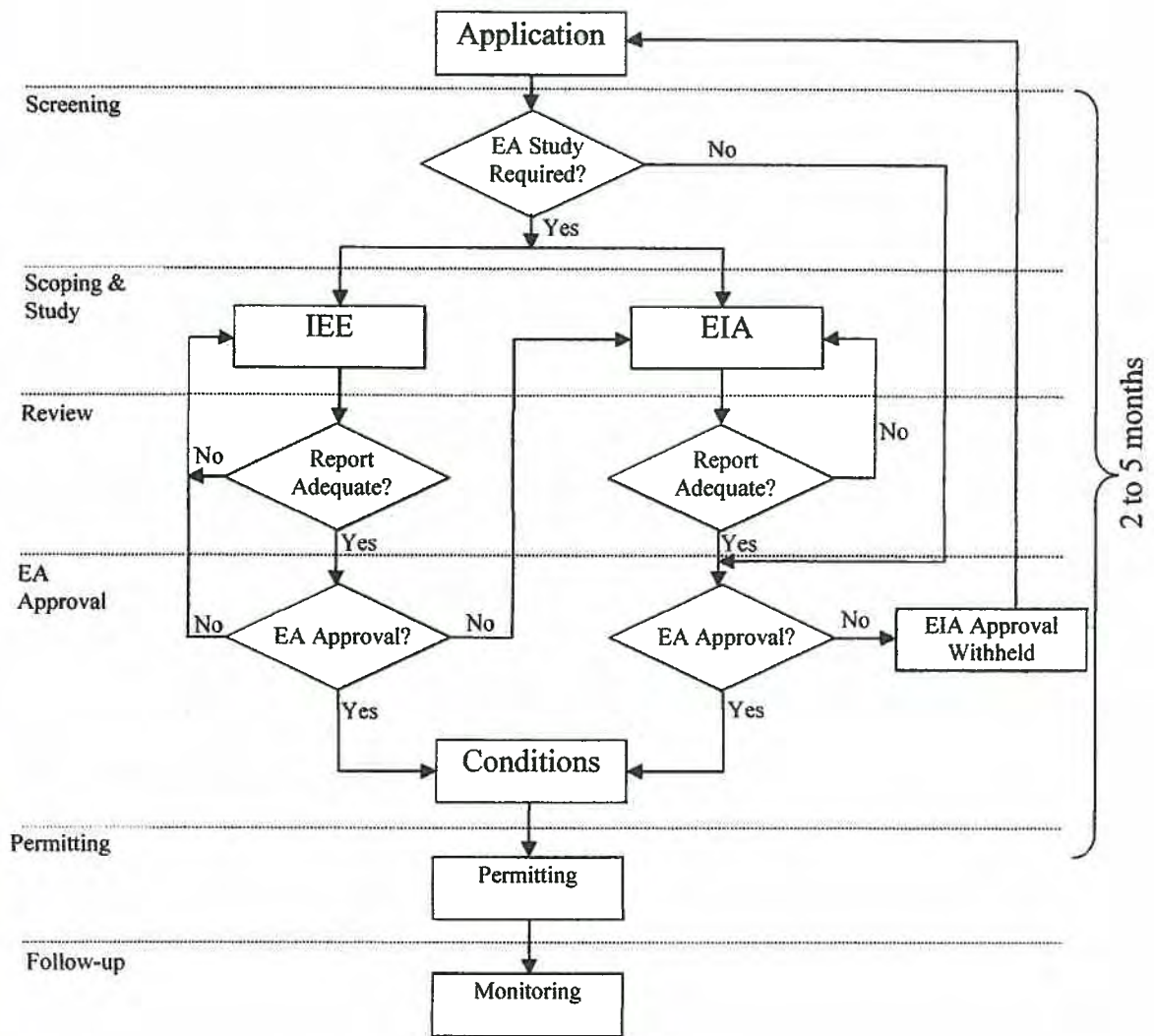
3. Sidewalk

Ranking	Project Road No.	Street Name	Length (m)	ROW (m)	Sidewalk Width(m)		Cross-section Type	Priority to Improve	Remarks
					Left	Right			
1	4	the Library Street	250	10	2.0	None	S-1	A	Northside only.
2	6	Yafa Street	480	10	2.0	None	S-1	B	Westside only
3	3	Palestine Street	600	10	2.0	None	S-1	B	Westside only
4	2	Alkedawi Street	1,090	16	2.0	None	S-1	B	Westside only
5	7	Ministry of Education Street	450	10	2.0	None	S-1	B	Eastside only
6	5	the Hospital Street	780	22	2.0	None	S-1	C	Northside only.
7	1	Hisham Palace Street	1,430	12	2.0	None	S-1	D	Westside only
Total			5,080						

**Reason for Low Priority Roads from Social and Environmental
Perspective and Time Required for Land Clearing**

No.	Name of street	Reason for low priority			Time required for land clearing* (month)	Total time (month) required for land clearing (and ROW acquisition) *
		Large-scale obstacles or agricultural land	There is no agreement reached between land owner/user and the Municipality	There is no Right of Way (ROW). (Time needed for obtaining a ROW in month)		
4	Yabrodi Dinameter	✓			1	1
20	Al Satafi	✓			1	1
13	Arif Al Arif	✓	✓		1	1
66	Mohamad Yousif Auajnih	✓			2	2
76	Dalai Al Mughrabi	✓			3	3
58	Ibrahim Al Hilou	✓			3	3
12	Al Baiad	✓		Only 4m wide cadastral road	3	3
15	Al Hadad	✓	✓		3	3
34	Rasmieh Al Owaiwi	✓			4	4
43	Al Moughrabi Qasem	✓	✓		4	4
63	Abu Odeh Al Mughrabi	✓	✓		4	4
61	Fayez Al Muakit	✓	✓		5	5
22	Al Sakakini	✓			6	6
19	Abu Earam	✓			6	6
17	Abu Aljaj	✓	✓		6	6
73	Bshara Khuri	✓	✓		6	6
69	Al Douk			✓ (6)	1	7
72	Hisham Palace			✓ (6)	1	7
29	Ishaque Balu			✓ (6)	1	7
46	Khader Darwish	✓			8	8
78	Iron Factory Street	✓	✓		Unknown	Unknown

* Time after the Municipality of Jericho receives a notice from Japanese government about which roads are finally included in the Project.



Procedure of Palestinian Environmental Assessment Policy

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3. 主要面談者リスト

- (1) 地方自治省 (Ministry of Local Government)
Mr. Mazen Ghunaim, Deputy Minister
Mr. Fawaz Rabaia, General Director
Mr. Moayed Mohd Shehada, Project Director
Mr. Walid Halayqa, Environmental Advisor
- (2) 計画庁 (Ministry of Planning)
Mr. Ibrahim Abdelrahim, Director
- (3) 公共事業省 (MPWH)
Mr. Basam Mari, Road Department, Ministry of Public Works and Housing
Marwan Al Azzeh, Road Department, Ministry of Public Works and Housing
- (4) ジェリコ市役所
Mr. Hassan Saleh Hussein, Mayor
Mr. Basel A. Hijazi, Head of Engineering Department
Ms. Samar Zaina, Engineering Dep., Head of Planning Project Section
Ms. Tamara Erikat, Engineering Dep., License & Organization Section
Mr. Mohammad Barahmah, Engineering Dep., License & Organization Section
Mr. Shirad Al Safadi, Engineering Dep., License & Organization Section
Ms. Deema Qasem, Engineering Dep., G.I.S section
Mr. Mohammad Al Fityani, Supervising & project implementation section
Mr. Iyad Hamdan, Supervising & project implementation section
Mr. Sameer Njoun, Law and court Section
Mr. Mohammad Daraghmeh, Finance Dep.
Mr. Ali Abd Salam, Engineering Dep., Inspection section
Mr. Mohammad Al Karaki, Engineering Dep., Inspection section
- (5) 環境局 (Environmental Quality Authority)
Mr. Mahmoud Abu-Shanab, Acting Director General for Environmental Protection
- (6) パレスチナ基準局 (Palestinian Standards Institution)
Mr. Moammed Thekri, Cooperation and International Relations
- (7) 観光史跡省 (Ministry of Tourism & Antiquities) ジェリコ事務所 (Jericho Office)
Mr. Wael Hamarnah, Director of Jericho Office
- (8) 交通省気象事務所 (Meteorological Office, Ministry of Transport)
Mr. Isam Isa, Director of Applied Meteorological Studies

- (9) 在イスラエル日本大使館
松田 邦紀 公使
近藤 哲史 パレスチナ班長
西岡 達史 一等書記官
田中 香織 二等書記官
柴崎 大輔 三等書記官
- (10) JICA パレスチナ事務所
小池 誠一 所長
小林 勤 次長
水谷 徹哉 企画調査員
岩瀬 英明 企画調査員