

Phil [unclear] 1965

LOCAL DEVELOPMENT II URBAN PROJECT

Submitted to
USAID / CAIRO

Submitted by
WILBUR SMITH ASSOCIATES

in association with

**PUBLIC ADMINISTRATION SERVICE
DEVELOPMENT CONSULTING OFFICE**

**DELOITTE HASKINS AND SELLS
ENGINEERING AND GEOLOGICAL
CONSULTING OFFICE**

**Needs Assessment Report
For
Educational, Health and Youth Facilities
El Dawahy District - Port Said Governorate**

TABLE OF CONTENTS

<u>Subject</u>	<u>Page No.</u>
<u>Introduction :</u>	
1. Location	1
2. Area	1
3. Population	1
4. Report Components	1
I. <u>Education Facilities :</u>	
1. Standards	2
2. Educational Facilities	2
3. School Shifts	2
4. Educational Facilities Status	4
5. Student Density and Needs for Classrooms	4
6. Expected Future Increases	4
7. Deficiencies and Shortages in Educational Facilities	7
8. Development Potential in Educational Services	7
9. Needs Assessment and Estimated Cost	7
II. <u>Health Facilities :</u>	
1. Policies and Standards of Public Health	9
2. Health Facilities	9
3. Deficiencies, Shortages and Development Potential in Health Services:	9
4. Needs Assessment and Estimated Cost	11
III. <u>Youth Facilities :</u>	
1. Standards	13
2. Youth Facilities	13
3. Needs Assessment and Estimated Cost	13

Tables

<u>Table</u>	<u>Page No.</u>
I. <u>Education :</u>	
- Survey Summary of Basic Data and Observations for Educational Facilities, E-2	3
- School Physical Conditions Summary Sheet, E-3	5
- Classroom Projections : Additional Classrooms to be constructed, E-4	6
- Multi - Year Capital Improvements Program, Educational Facilities, E-5	8
II. <u>Health :</u>	
- Summary of Basic Data and Observations for Public Health Facilities, H-2	10
- Multi - Year Capital Improvements Program, Health Facilities, H-3	12
III. <u>Youth :</u>	
- Survey Summary of Basic Data and Observations for Public Youth Centers, Y-2	14
- Multi - Year Capital Improvements Program, Youth Facilities, Y-3	15

Note : Tables E-1, H-1, and Y-1 are individual field survey forms and are only in Arabic.

INTRODUCTION

Introduction

1. **Location :**

El Dawahy is one of Port Said districts

2. **Arca:**

The area of the district is 566.763 km² approximately.

3. **Population :**

The population according to the latest census is 79,000 persons.

4. **The Report Components :**

This report includes three sections :

Section I : Educational Facilities

Section II : Health Facilities

Section III : Youth Facilities

Section I

Educational Facilities

1. Standards :

- a. Classroom density : (40) Primary / Preparatory, (36) Secondary
(General Education), (32) Secondary (Technical Education).
- b. Full day system (one shift).
- c. One urinal and one toilet for each (20) students of the first hundred. One to three
urinals and toilets for each additional hundred.
- d. One W.C. for each floor of the school.
- e. One desk for each 2 students of the Primary stage.
One desk for each student of the Preparatory and Secondary stages.
- f. The minimum number of classrooms for a Primary or Preparatory school is 18.
The minimum number of classrooms for a Secondary school is 18 to 24.

2. Educational Facilities :

(Table E-2)

3. School Shifts:

- a. (11) schools (61%) operating one shift.
- b. (7) schools (39%) operating two shifts.

FACILITY					ENROLLMENT BY SHIFT									CONDITIONS (4)				EXPAN- SION POT. (5)
					FIRST			SECOND			THIRD							
CODE NO.	NAME	OWNER- SHIP (1)	TYPE SCHOOL (2)	SEX (3)	CLASS- ROOMS	STUD- ENTS	AVE. DENS.	CLASS- ROOMS	STUD- ENTS	AVE. DENS.	CLASS- ROOMS	STUD- ENTS	AVE. DENS.	BUILD- ING	LIGHT- ING	EQUIP- MENT	W.C.	
1	Al Kab	G	P	B	6	181	30							B	A	B	B	N
2	Al Madine Al Monawra	G	P	B	16	751	47							A	A	D	D	H
3	El Emam El Houssien/El Yarmouk	G	P	B	18	836	46	18	841	47				A	A	D	B	H
4	El Kabouti/ Asmaa Bent Abu Bakr	G	P	B	12	539	45	6	281	47				A	B	B	B	H
5	Saad Zaghoul / El Ahd.	G	P	B	17	716	42	17	651	38				A	C	B	C	H
6	Attef El Sadaat/Abdel Moneem Reyad	G	P	B	9	401	45	9	409	45				Moved to El Kabouti Primary School				
7	Ismile El Kebbany / Badr.	G	P	B	13	573	44	13	582	45				D	B	C	B	H
8	El Emam Mohamed Abdou	G	P	B	13	591	45							A	D	B	B	N
9	El Sayeda Aesha	G	P	B	23	1011	44	23	1009	44				A	A	B	A	H/V
10	Belal Ebn Rabah	G	P	B	12	504	42							A	A	C	A	H
11	El Monasera	G	P	B	15	135	9							A	A	B	A	H/V
12	Mahmoud Nabil	G	P	B	6	243	41							B	B	B	B	N
13	El Sayeda Nafisa	G	P	B	14	627	45							B	B	C	C	H
14	El Kabouti	G	Pr	M	14	526	38	14	556	40				C	B	B	C	V
15	Port Said	G	Pr	M	7	181	26							A	B	D	B	V
16	Hafiz Ibrahim	G	Pr	M	16	497	31							A	A	B	A	V/H
17	El Sayeda Nafisa	G	Pr	B	3	65	22							A	B	C	B	N
18	Ahmed Shawki	G	Pr	M	16	558	35							A	A	B	A	H/V

NOTES: 1. Ownership - G (Government), R (Rented), MO (Moana)
 2. Schools - P (Primary), PR (Preparatory), S (Secondary), SE (Special Education)
 3. Sex - F (Female), M (Male), B (Both)
 4. Conditions - A (Good), B (Fair), C (Poor), D (Serious)
 5. Expansion Potential - H (Horizontal), V (Vertical), N (No)

Source: Wilbur Smith and Associates

4. **Educational Facilities Status :**

(Table E-3)

5. **Student Density and Needs for Classrooms :**

(Table E-4)

6. **Expected Future Increases :**

The projected increase is 2.7% annually.

Schools, Physical Condition
Summary Sheet

Governorate: Port Said
District : El Dawahy

Date Prepared: 1989

School Type	Total No. of Schools	Physical Condition																Expansion Potential					
		Government				Rented				Moana				Total				Governorate					
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	V	H				
Primary	12+	8	3	-	1													8	3	-	1	2	9
Preparatory	1 moved 5	4	-	1	-													4	-	1	-	4	2
Secondary	-	-	-	-	-													-	-	-	-	-	-
Special Education	-	-	-	-	-													-	-	-	-	-	-
TOTAL	17+ 1 Moved	12	3	1	1													12	3	1	1	6 Schools	11 Schools

Expansion potentials are only for Government-owned Schools

H is horizontal, V is vertical, provide No. of classrooms which have potential for expansion

A = Good (needs only periodical maintenance, for example, painting & minor repairs) <10% of facility needs work

B = Fair (needs some renovations, for example, replacing of sewer risers, door frames & stair steps); 10-25% of facility needs work

C = Poor (needs major upgrading); > 50% of facility needs work

D = Serious (including building subject to failure or not economical to repair)

ES/E-30dawahe1

Superintendent: Fred Egan
 District: 55 Davis

64
 DISTRICT SUPERVISOR
 Additional Classrooms Needed for Growth

Date Reported: 1955

Type	Schools in the Area									Total			Additional Classrooms Needed																			
	School			2-Grades			3-Grades			Total	(1)	(2)	1st years					2nd years					3rd years									
	No. of Class.	No. of Stu.	Dens.	No. of Class.	No. of Stu.	Dens.	No. of Class.	No. of Stu.	Dens.				No. of Class.	No. of Stu.	Dens.	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T		
P.	174	7108	41	56	2370	42	---	---	---	267	10881	40	---	---	02	115	---	---	00	117	---	---	107	121	---	---	114	120	---	---	122	127
Q.	56	1827	33	14	556	41	---	---	---	71	2227	31	---	---	14	8	---	---	10	---	---	20	21	---	---	22	11	---	---	24	11	
R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
S.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
T.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
Total	230	8935	39	100	4326	41	---	---	---	338	13108	41	---	---	108	110	---	---	117	117	---	---	127	122	---	---	126	129	---	---	146	

P = Primary
 PD = Preparatory
 S = Secondary
 S.T. = Secondary Technical & Commercial
 S.E. = Special Education

$$\frac{\text{Total No. of Students in (1) + Rate of Growth}}{\text{Average Density (2)}} = \text{No. of Class. in First Sh. if No. of Stu.}$$

$$\text{Sh. 2} = \frac{\text{Total No. of Students in (1) + Rate of Growth}}{\text{Average Density (2)}} = \text{No. of Class. in First Sh. + (2)}$$

$$\text{Sh. 2} = \frac{\text{Total No. of Students in (1) + Rate of Growth}}{\text{Average Density (2)}} = \text{No. of Class. in First Sh.}$$

$$\text{T.} = \frac{\text{Total No. of Students in (1) + Rate of Growth}}{\text{Standard Density}} = \text{No. of Class. in First Sh.}$$

ESSE-4024481

- F = Additional Classrooms Per Year Needed to be Constructed for Future Population at Existing Students Density Level. Based on Declared Rate of Growth, assuming Existing Number of Shites.
- Sh. 2 = Additional Classrooms Needed to be Constructed, if the Third Shift is Cancelled (to work 2 Shifts Only) at Existing Students Density Level, Based on Declared Rate of Growth.
- Sh. 2 = Additional Classrooms Needed to be Constructed, if the Second Shift is Cancelled (to work One Shift Only) at Existing Students Density Level, Based on Declared Rate of Growth.
- T = Additional Classrooms Needed to be Constructed to Meet Educator Department's Students Density Criteria assuming One Shift Only. Based on Declared Rate of Growth.
- A = No. of years in future

NOTE:

Calculations for each category are not based on the results from other categories. (i.e. Sh. 1, Sh. 2 and T do not take into consideration the number needed for F.) The District would construct Sh. 3 or Sh. 2 or T. No. of classrooms, not F plus that number.

STANDARD DENSITY:

- 40 P. & Q.
- 30 S. General
- 30 S.T. & C.

7. Deficiencies and Shortages in Educational Facilities:

- a. There is no vacant land assigned to the educational services.
- b. Scarcity of vacant land.
- c. Scarcity of financial resources for purchasing land.
- d. The limited ability for expansion does not cover the projected increases.

8. Development Potential in Educational Services:

- a. From (Table E-4) the need for classrooms is apparent according to the expected future increases (Item 6) through the next 5 years. Thus the total number of classrooms required to be constructed for the projected increase while cancelling the 2nd shift and maintaining the standard rates is (149) i.e (30) classroom per year approximately.
- b. Increasing the allocations for maintenance works.
- c. Providing equipment and furniture for classrooms, workshops and laboratories.
- d. Construction of additional classrooms according to expansion potential.
- e. Boosting the efficiency level of teachers through conducting training courses for them.
- f. Utilizing modern educational aid.

9. Needs Assessment and Estimated Cost :

(Table E-5)

The total estimated cost is L.E. 585,000

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Port Said
 District : El Dawahy

EDUCATIONAL FACILITIES

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
1. El Madina Al Monawara Prim. School	- W.C.s repair	25,000
2. El Kabouty / Asmaa Bent Abu Bakr. Prim. School	- Construction of (6) classrooms	90,000
3. El Kabouty Prep. School for Boys.	- Upgrading of the old building	350,000
4. El-Emam El-Houssien / El-Yarmouk Prim. School	- W.C.s repair	40,000
5. Port Said El-Mehania Prep. School	- Construction of 2 labs.	30,000
	- Construction of W.C.	20,000
	- Construction of 2 workshops.	30,000
TOTAL:		585,000

ES/E-5Dawahe1

Section II

Health Facilities

1 Policies and Standards of Public Health:

The following are the policies and standards of public health as per Alexandria Governorate Health Dept. in 1983.

- a- Average number of beds per hospital is 200. One hundred beds are first established then the other hundred.
- b- Maximum number of beds per hospital is 400.
- c- The number of beds fluctuates between 35 and 40 per 10,000 persons in the population served.
- d- Four hospitals per 200,000 persons.
- f- One urban health center consisting of an out-patient clinic, a school health center, a health office and a mother/child care center for each 50,000 persons.

2 Health Facilities :

(Table H-2)

Governorate : West Side
District : El Dewah

SUMMARY OF BASIC DATA AND OBSERVATIONS FOR
PUBLIC HEALTH FACILITIES

Date Prepared: 1966

FACILITY		OUT-PATIENT					IN-PATIENT					FACILITY CONDITION (1)							EXP. POT. (2)			
NO.	NAME	SERVICE AREA	AVE. PATNS /DAY	PHYSICIAN TECH. STAFF	NURSES OTH. STAFF	TREATMENT	AVE. PATNS /DAY	AVERAGE STAY	No. BEDS	PHYSICIAN TECH. STAFF	NURSES OTH. STAFF	TREATMENT	BUILDING	PADDOCK	ENERG. POOR	ILLUMINATION	TREATM. ROOMS	OPERAT. ROOMS		WATER SEWER	N.C.C.	
1	El Kabouty Health Center	El Kabouty	150	10 Dr. ---	4 Nurses 26 employees	General / Dermatology/ Internal Medicine								A	A	N	A	A	N	A	B	H
2	El Kab Unit	El Kab Dr Anliga	75	1 Dr. ---	2 Nurses 4 employees	Genl							E	D	N	B	C	N	C	C	V	
3	Baher El Baker El Fadisa Unit	Baher El Baker	80	2 Dr. 2 Tech.	2 Nurses 5 employees	Dermatology/ Pediatrics/ Malnutrition/ Infectious diseases							C	B	N	N	C	N	C	C	N	
4	Baher El Baker El Fadisa Unit	El Awawad El Malliyah El Ballitar El Mantaria	60	1 Dr. ---	2 Nurses 4 employees	Dermatology/ Gynecology/ Malnutrition/ Parasites							C	D	N	E	E	N	D	D	N	

NOTES: (1) Facility condition - A (Good), E (Fair), C (Poor), D (Serious)
(2) Expansion potential - H (Horizontal), V (Vertical), N (No)

EG/H-28awahel

3 Deficiencies, Shortages and Development Potential in Health Services:

- a- Inadequacy of medical equipment.
- b- Inadequacy of allocated land.

The health service can be raised through:

- 1- Supplying equipment for the health facilities.
- 2- Periodic maintenance for health facilities.
- 3- Providing spare parts required for maintenance works.
- 4- Conducting training courses for doctors and technicians.

4 Needs Assessment and Estimated Cost:

(Table H-3)

The total estimated cost is L.E. 140,000.

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Port Said
 District : El Dawahy

HEALTH FACILITIES

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
1. Urban Medical Center - in El-Kabouty	<ul style="list-style-type: none"> - Cardiographic apparatus - Window screens - Blood analysis equipment - Fans and iron screens - Ventilators and fans. - Chairs for waiting room. - Fence (to surround the building). 	
2. Rural Unit - in El Kab.	<ul style="list-style-type: none"> - Complete Dental unit, - Desk, shelves and seats for the clinic & warehouse. - Complete electric maintenance work. - Carpets for the clinic & the doctors' residence - Plumbing equipment. 	15,000
3. Baher El Baker El-Kadima Unit	<ul style="list-style-type: none"> - Maintenance of sewerage & potable water networks - Lab. equipment. - Stoves, refrigerators & electric water pumps. - Examining beds and furniture. - Surgery equipment. - Delivery room. - Water tanks - Electric generator 	85,000
4. Baher El Baker Rural El-Gedida Unit	<ul style="list-style-type: none"> - Fence (to surround the building.) - Ceiling repair - Completing the Lab. equipment. - Plumbing works - Furniture and carpets. - Water pipes and water tanks. 	40,000
TOTAL		140,000

ES/H-3Dawahe1

Section III

Youth Facilities

1. Standards :

- a- One youth center for each 10,000 persons.
- b- The typical youth center should occupy approximately 5.5 feddans.
- c- Each center includes a swimming pool.
- d- Provide facilities to serve 80% of the district's youth. It is assumed that the other 20% will use facilities in private clubs.

2. Youth Facilities :

(Table Y-2)

3. Needs Assessment and Estimated Cost:

(Table Y-3)

The total estimated cost amounts to L.E. 11,000.

FIELD YOUTH CENTERS

SURVEY SUMMARY & BASIC DATA AND OBSERVATIONS

Governorate : East Delta
 District : El Bahari

Date Prepared: 1993

No.	FACILITY DATA				FACILITY CONDITION								EXPANSION POTENTIAL
	NAME	TYPE OF FACILITY	ACTIVITIES PROVIDED	ADDRESS	ADDRESS/POSTAL CODE	ADDRESS/POSTAL CODE	UTILIZED	ATTENDANT	ILLUMINATED	PLUMBING	WATER SUPPLY	SEWERAGE	
1	El Shark Club	Sports/Social	200 activities	710	El Agwa & Kabouty	710	0	0	0	0	0	0	0
2	El Kabouty Youth Center	Sports/Social	200 activities	677	El Kabouty	677	0	0	0	0	0	0	0
3	El Agwa Youth Center	Sports/Social	200 activities	710	El Agwa	710	0	0	0	0	0	0	0
4	El Bahari Youth Center	Sports/Social	200 activities	677	El Bahari	677	0	0	0	0	0	0	0

NOTES: (1) Facility condition - 0 (None), 1 (Poor), 2 (Fair), 3 (Good), 4 (Satisfactory)
 (2) Expansion potential - 0 (None), 1 (Horizontal), 2 (Vertical), 3 (Both) - units of 50

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

YOUTH FACILITIES

Governorate : Port Said

District : El Dawahy

Date Prepared: 1989

Youth Facility	Description of Improvement	Total Estimated Cost (LE)
El-Shark Club	<ul style="list-style-type: none"> - Completing the club building. - Furniture 	10,000 1,000
TOTAL		11,000

ES/Y-3Dawahil

SOURCE OF TABLES

Table

Sources

E-2 & E-5

District

H-2 & H-3

District

Y-2 & H-3

District

E-3 & E-4

Wilbur Smith Associates