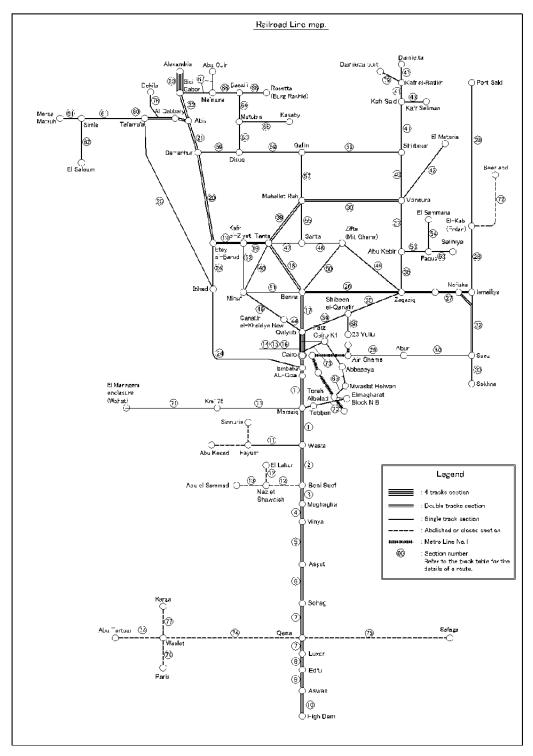
APPENDIX

- 1. RAILWAY LINE INFORMATION
- 2. TRAIN DIAGRAM
- 3. RUN CURVE (TRAIN OPERATION SPEED) 4. PROJECTS PROFILE

1. RAILWAY LINE INFORMATION

Figure App 1.1 indicates the route map of ENR line and Table App 1.1 indicates the information of each section.



Souse Study Team based on ENR data

Figure App 1.1 ENR Route Map

Table App 1.1 Line Information

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2. TRAIN DIAGRAM

Figure App 2.1 to App 2.26 show the current diagram of passenger train drawn by study team based on time table of ENR.

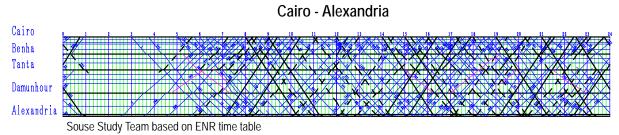
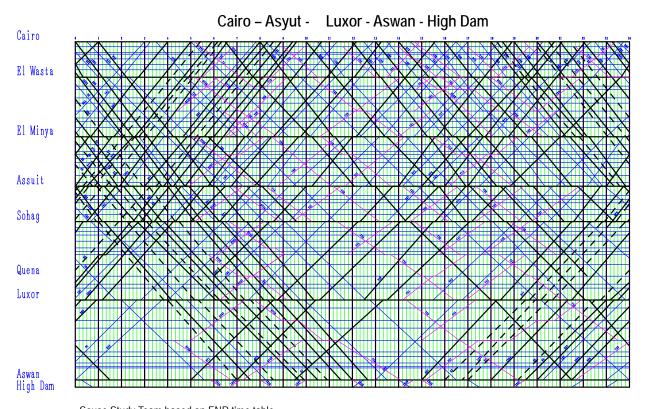


Figure App 2.1 Train Diagram



Souse Study Team based on ENR time table

Figure App 2.2 Train Diagram

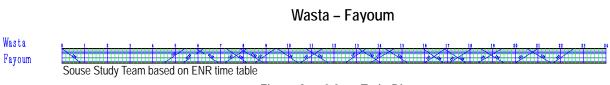
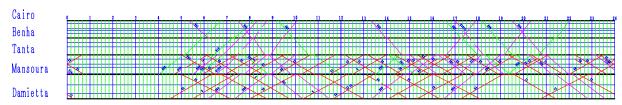


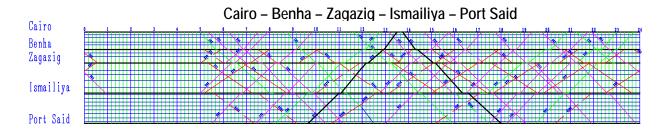
Figure App 2.3 Train Diagram

Cairo - Benha - Tanta - Mansoura - Damietta



Souse Study Team based on ENR time table

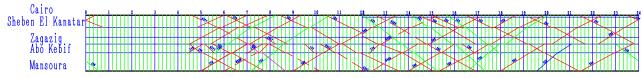
Figure App 2.4 Train Diagram



Souse Study Team based on ENR time table

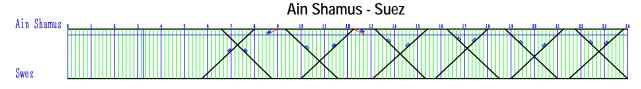
Figure App 2.5 Train Diagram

Cairo - Sheben El Kanater - Zagazig - Mansoura



Souse Study Team based on ENR time table

Figure App 2.6 Train Diagram



Souse Study Team based on ENR time table

Figure App 2.7 Train Diagram

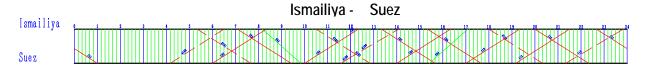


Figure App 2.8 Train Diagram

23 July - Shebeen El Kanater

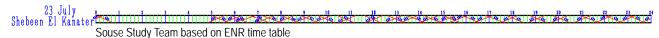
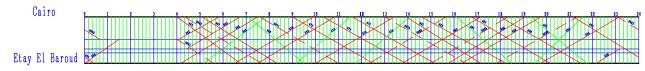


Figure App 2.9 Train Diagram

Cairo - El Ethad - Etay El Baroud



Souse Study Team based on ENR time table

Figure App 2.10 Train Diagram (10)

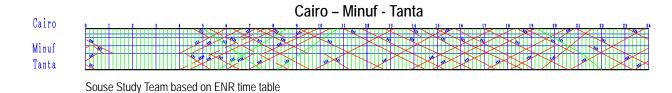


Figure App 2.11 Train Diagram (11)

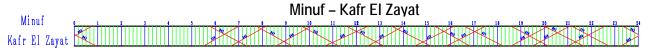


Figure App 2.12 Train Diagram (12)

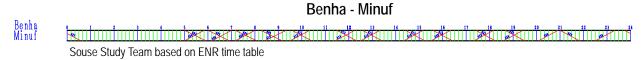


Figure App 2.13 Train Diagram (13)

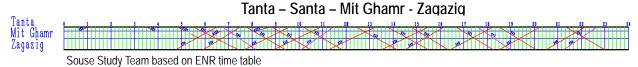


Figure App 2.14 Train Diagram (14)

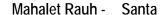




Figure App 2.15 Train Diagram (15)

Benha – Zefta – Mit Ghamr

Souse Study Team based on ENR time table

Benha

Figure App 2.16 Train Diagram (16)

Tanta - Qelein - Damanhour

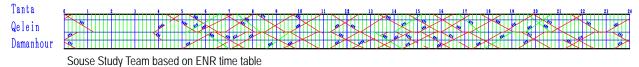
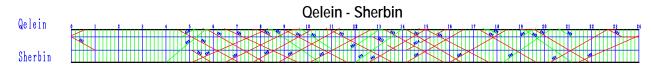


Figure App 2.17 Train Diagram (17)



Souse Study Team based on ENR time table

Figure App 2.17 Train Diagram (17)



Figure App 2.18 Train Diagram (18)

Abo Kebir - Salheya

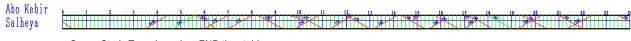


Figure App 2.19 Train Diagram (19)

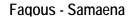




Figure App 2.20 Train Diagram (20)

Mansoura - Matareya Matareya

Souse Study Team based on ENR time table

Figure App 2.20 Train Diagram (20)

Desouk – Motibus – El Bouseli El bouseli Desouk

Souse Study Team based on ENR time table

Figure App 2.21 Train Diagram (21)

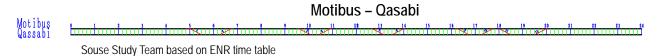


Figure App 2.22 Train Diagram (22)

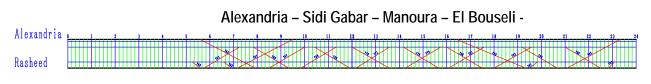


Figure App 2.23 Train Diagram (23)

Alexandria - Marsa Matrauh

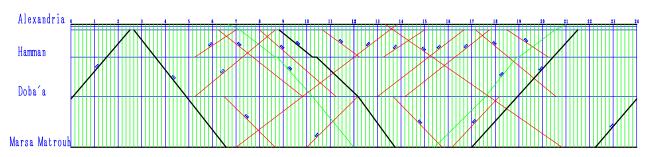


Figure App 2.25 Train Diagram (25)

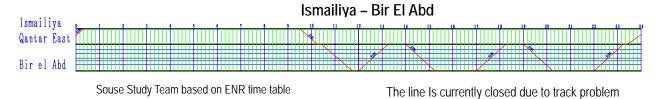


Figure App 2.26 Train Diagram (26)

3. RUN CURVE (TRAIN OPERATION SPEED)

Figure App 3.1.1 to figure App 3.5 show the actual run curve traced by GPS data logger.

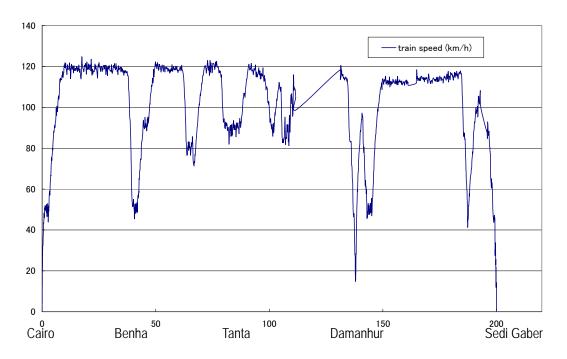


Figure APP 3.1 Run Curve (Cairo to Sidi Gabar)

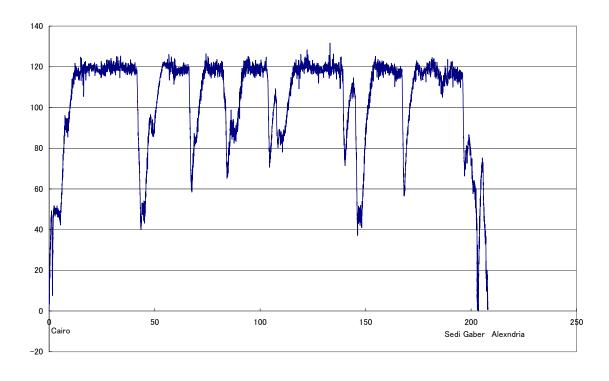


Figure APP 3.2 Run Curve (Cairo to Alexandria)

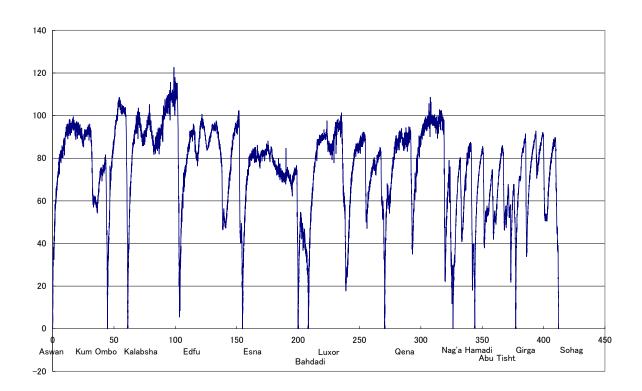


Figure APP 3.3.1 Run Curve (Aswan to Cairo 1)

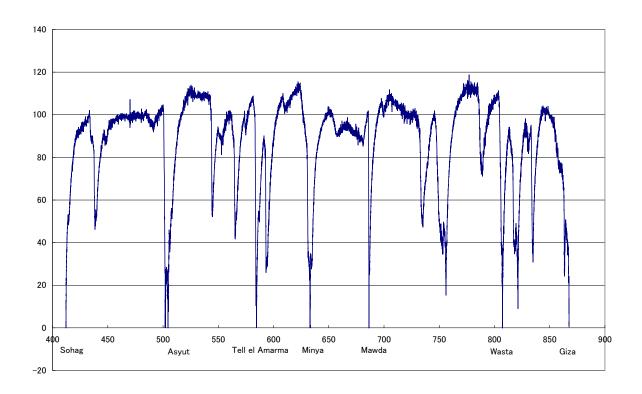


Figure APP 3.3.2 Run Curve (Aswan to Cairo 2)

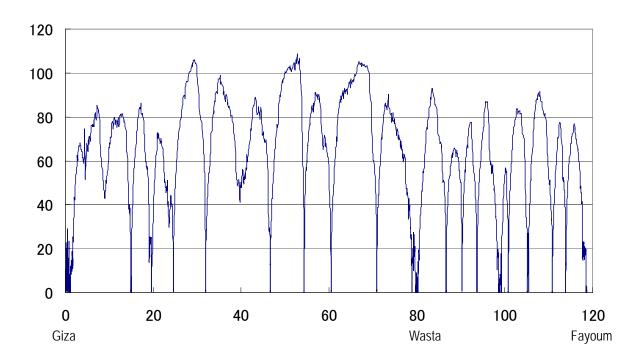


Figure APP 3.4 Run Curve (Giza to Fayoum)

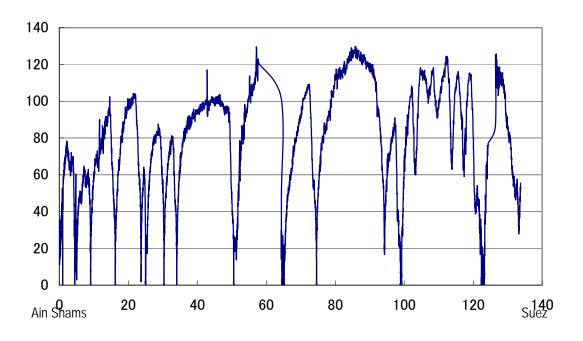


Figure APP 3.5 Run Curve (Ain Shams to Suez)

4. PROJECTS PROFILE

Following sheets are profile of the projects. Transportation Project Sheet (1) to (19) indicate the project planned by ENR. Transportation Project Sheet (20) to (30) indicate the project planned by Study Team.

A-12

Transportation Project Sheet (1)

Internal Code RW 100	Prepares by:
(to be given by the Study Team)	Date: / /2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: Rail Line for Borg Al Arabin - New Borg Al Arab	City Rail Pipeline
Double Tracking for Rail Line Al Qabbary Marsa	Matrouh. Port Others
Project Description in Charge	,
Dupulication of the railway line Alkabbary Matrouh from 15 t	to 42.95km that the railway line
Runs to the city of New Borg Al Arab.	
Step1: Double-tracking of the railway line . (28km in length	າ)
Step2: New railway line construction. (Double-track new l	
Organization in charge: E.N.R – Manegement of projects	Progress of the Project
Planned Implementation Period: 2 0 0 7 - 2 0 1 1	1 Under Construction
Information Source:	Bidding/Constructing
Cost: E £ 6 5 0 million estimated in 2 0 0 9	3 Financed/Budget Allotted
Route/Location Map	₄ D/D Completed
	5 F/S Completed
42.95km 15km To Marsa Matroh	6 Project Idea Stage
←	Egypt
New Freight line Step1 Step2 Borg El Arab new city	Libya Libya Alarrah

Transportation Project Sheet (2)

Internal Code RW 300	Prepares by: Magdy
(to be given by the Study Team)	Date: / / 2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: Dupulication of railway Ain Shame / Suez to s	erve RailPipeline
The new city in the east of Cairo and a link for	Port Others
Tenth of Ramadan City.	
Project Description in Charge	
Branch link Tenth of Ramadan City the new railway line Qa	youb / Shebeen barrages /
Zagazig at the railway station and go my Bilbeis Cairo / Isma	llia Desert for agricultural and
Reated railway Suez / Aine Shames when A:rubiky station se	rve the cites of the Tenth of
Ramadan City and Badr,Sunrise. (50km in length)	
Organization in charge: Manegement of projects and	Progress of the Project
Organization in charge: Manegement of projects and Contractors.	Flogress of the Floject
Planned Implementation Period: 2 0 1 7 - 2 0 2 1	Under Construction
Information Source: Infrastructure Section.	Bidding/Constructing
Cost: E £ 5 0 0 million estimated in 2 0 0 9	Financed/Budget Allotted
Route/Location Map	4 D/D Completed
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	5 F/S Completed
Tanta	Project Idea Stage
Salihiya	Egypt
Itihad. Zagazig Ismailiya	SYRIA
Tel El Kebir	Libya 12 Covers Jordan
Benha 10 th of Ramadan city	Cairos Sina Marab
	Rani Siwayi Sau SauDi Al Minya
Qalyul	Asyut Al Ahmar
Imbaba Cairo	EGYPT Suba Coina
Helwan : Four track line : Double track line	I. Ad Daqabliyah 2. Al Buhayrah 3. Al Gharbiyah Al Wadi 4. Al Jadid
: Single track line : Disused line : River and canal	4. Al Iskandariyah 5. Al Ismailiyah 6. Al Minufiyah 7. Al Quhirah 8. Al Qubyhyah
	9. Ash Sharejvah 10. Bur Said 11. Dumyat 12. Kafr ash Shaykh
0 25 50 75 100km	SUDAN

Transportation Project Sheet (3)

Internal Code RW 307 (to be given by the Study Team)	Prepares by: Magdy Date: 10 / 2 /2010
Original Code (if any given by the Organization in charge) Project Title: Double Tracking for Qalyoub – El Qnater. Project Description in Charge Duble tracking of the line between Qalyoub station and El C The cost is 100million EGP	
Organization in charge: E.N.R – Manegement of projects Planned Implementation Period: 2 0 1 7 – 2 0 2 1	Progress of the Project
Planned Implementation Period: 2 0 1 7 - 2 0 2 1 Information Source: Infrastructure Section.	2 Bidding/Constructing
Cost: E £ 1 0 0 million estimated in 2 0 1 0	Financed/Budget Allotted
Route/Location Map Tanta Sammana	D/D Completed 5 F/S Completed 6 Project Idea Stage
Itihad. El Caro Benha Faqus Zagazig Tel El Kebir Benha Qalyub Single track line Single track line Single track line El Cairo Helwan Double track line River and canal Disused line River and canal	Egypt Libya Alama Alama Alama Alama Alama Alama Alama Alama Alama Alama Alama EGypt Libya Alama Al
	12. Kair asi Sisiyan

Transportation Project Sheet (4)

Internal Code RW 308	Prepares by:
(to be given by the Study Team)	Date: / 7 /2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title : Triple Tracking for Qalyoub- Benha.	Rail Pipeline
	Port Others
Project Description in Charge	
Triple tracking for the line between Qalyoub and Banha .(3	30km in length)
The cost is 400 million EGP including 200million EGP of si	ignal work.
Organization in charge: E.N.R – Manegement of projects	Progress of the Project
Planned Implementation Period: 2 0 1 7 - 2 0 2 0	1 Under Construction
Information Source: Infrastructure Section.	Bidding/Constructing
Cost: E £ 4 0 0 million estimated in 2 0 1 0	3 Financed/Budget Allotted
Route/Location Map	D/D Completed
Tanta	5 F/S Completed
5	Project Idea Stage
Itihad.	Egypt
Zagazig Tel El Kebir Benha	Libya Libya Cairon 7 Alimib Alimib Alimib Alimib Alimib Sina SAUDI
: Four track line : Double track line : Single track line : Disused line : Disused line	Al Bahr Asyut Al Ahmar EGYPT Sahaj Qina
Disused line Hibaba Hib	J. Ad Daspaldiyah 2. Ali Bushuyah 3. Al Gharfuyah 3. Al Gharfuyah 4. Al Ishandiryah 5. Al Ismailyah 6. Al Mundiryah 7. Al Smailyah 8. Al Qalyubiyah 9. An Shanqiyah 10. Bur Said 11. Dunya 12. Kafr ash Shaykh
- 	SUDAN

Transportation Project Sheet (5)

Internal Code RW 306	Prepares by: Magdy
(to be given by the Study Team)	Date: 14 / 2 /2010
Original Code (if any given by the Organization in charge) Project Title: Development of Railway Bridge for Lemon – Ab - Tora.	Transport Mode Road IWT Rail Pipeline Port Others
Project Description in Charge Development of railway bridge for Lemon / Abbaseya / To The cost is 100million EGP.	· · · · · · · · · · · · · · · · · · ·
Organization in charge: Manegement of projects and Contractors. Planned Implementation Period: 2017 - 2021 Information Source: Infrastructure Section. Cost: E £ 100 million estimated in 2010 Route/Location Map To Alexandria	Progress of the Project 1 Under Construction 2 Bidding/Constructing 3 Financed/Budget Allotted 4 D/D Completed 5 F/S Completed 6 Project Idea Stage
Cairo Station Abbaseya Metro Line.1 Tora To Aswan To Helwan	Egypt Libya ISRAEI Libya ISRAEI Libya ISRAEI JORDAN Alimah Simoy Summer Jaman Sima JORDAN Alimah Simoy Alimah Simoy Alimah Alimah Animah

Transportation Project Sheet (6)

Internal Code RW 309	Prepares by: Magdy
(to be given by the Study Team)	Date: 14 / 2 /2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: Double Tracking for Mansoura – Damietta.	Rail Pipeline
	Port Others
Project Description in Charge	
Double tracking of the line between Mansura / Damietta. (3	72km in length)
The cost is 500 million EGP.	
Organization in charge: Manegement of projects and	Progress of the Project
Contractors.	l Togress of the Froject
Planned Implementation Period: 2 0 1 7 - 2 0 2 0	Under Construction
Information Source: Infrastructure Section.	2 Bidding/Constructing
Cost: E £ 5 0 0 million estimated in 2 0 1 0	Financed/Budget Allotted
Route/Location Map	4 D/D Completed
: Four track line : Double track line : Single track line	5 F/S Completed
: Disused line : River and canal	6 Project Idea Stage
Damicta	Egypt
and the same of th	SWRIA
Port Said Shirbeen	ISRAEL C
Desuq El Mataria	Libya 2 6 5 Shamid Cairon 7 7 Sons
Qallin	Altrab Altrabyum Somop Bani Sawayi Sana SAUDI
	Al Jirah Al Minya
Tanta Sammana Salihiya	EGYPT Subj.
Itihad Faqus	I. Ad Danabiliyah
Zagazig Ismailiya	1. Ad Daquihli yuh 2. Al Buhnyruh 3. Al Gharbiyah 4. Il Sadandariyah 5. Al Ismailiyah 6. Al Minufiyah
Tel El Kebir	7. Al Quhirah 8. Al Qujusbiyah 9. Ash Sharqiyah 10. Bur Said
0 190Nm 200Km	11. Dumyat 12. Kafr sah Shaykh SUDAN
	JUDAN

Transportation Project Sheet (7)

Internal Code RW 312	Prepares by: Magdy
(to be given by the Study Team)	Date: 14 / 2 /2010
Original Code (if any given by the Organization in charge) Project Title: Single Tracking for Bir El Abd – Rafah.	Transport Mode Road IWT Rail Pipeline Port Others
Project Description in Charge Construction of new single line for Bir El Abd / Rafah. (120) The cost is 800 million EGP.	
Organization in charge: Manegement of projects and Contractors. Planned Implementation Period: 2017 - 2021 Information Source: Infrastructure Section. Cost: E £ 800 million estimated in 2010 Route/Location Map	Progress of the Project 1 Under Construction 2 Bidding/Constructing 3 Financed/Budget Allotted 4 D/D Completed 5 F/S Completed
Damietta Shirbeen Sousell Desug El Maharia Sammana Etay B. Benha SShebeen K. Imbaba Cairo Helwan Sokhna Sokhna Sokhna Peal El Abd Four track line Double track line Single track line Single track line Disused line River and canal SINAI	Egypt Israel

Transportation Project Sheet (8)

Internal Code RW 102		Prepares by:
(to be given by the Study Team)		Date: / /2010
Original Code		Transport Mode
(if any given by the Organization in charge)		Road IWT
Project Title: Replacement of the old Mechanical Interlocki	ng systen	n Rail Pipeline
by the Electronic Interlocking System for Beni Suef – Asyut.		Port Others
Project Description in Charge		
Replacement of the old mechanical interlocking system I	by the	
electronic interlocking system for the section from Beni Suef to A	Asyut. (2	51km in length)
The cost is 1600 million EGP.		
Organization in charge: ENR Signal Section	Progress	of the Project
Planned Implementation Period: 2 0 1 2 - 2 0 1 6	-	Under Construction
Information Source: ENR Signal Section	-	Bidding/Constructing
Cost: E £ 1600 million estimated in 2010	=	Financed/Budget Allotted
Route/Location Map	-	D/D Completed
Faques Ismailiya		F/S Completed
Benha- KShebeen K.		Project Idea Stage
timbalsa & Cairo Mary	Egypt	. rojour rudu diago
Tebben Sekina SiNA	Едурі	(\$YRIA
Abu kesad 8 8 Wasta	2	ISRAEL
Fayum Lalium Abu el Sammad Beni Suef RED SEA	Libya	12 CNO Shund JORDAN
Aug et sammad v	Atlanta	Cairot 7
	1	Bani Sakuyi Sina SAUDI ARABIA
Minya		Al Minya Al Bahr Al Ahmar
		EGYPT \
:Four track line	1. Ad Daqahliyah	Qina
Double track line Single track line Asyut	2. Al Buhayrah 3. Al Gharbiyah 4. Al Iskandariyah 5. Al Ismailiyah	Al Wadi Al Jadid Aswan
: Disused line : River and canal	6. Al Minufiyah 7. Al Qahirah 8. Al Qalyubiyah 9. Ash Sharqiyah	
0 100km 200km	10. Bur Said 11. Dumyat 12. Kafr ash Shayk	
0 100km 200kn Sohag		SUDAN

Transportation Project Sheet (9)

Planned Implementation Period: 2 0 1 2 1 1 1 Information Source: ENR Signal Section 2 2 Cost: E £ 7 0 0 million estimated in 2 0 1 0 3 3 Route/Location Map 0 25 50 75 100km 4 5 5 6 6 Egypt	Prepares by:
(if any given by the Organization in charge) Project Title: Improvement of Signaling System for Increase of Freight Trains for Tanta – Mansoura – Damietta Project Description in Charge Improvement of Tanta / Mansoura / Damietta corridor to secure saf number of freight trains. The contents of the improvement are as follows: the upgrading of si introduction of full new automatic block system with color light sign current mechanical interlock system to electronic interlocking system level crossings, and introduction of new communication systems. (6 The cost is 700 million EGP. Organization in charge: ENR Signal Section Planned Implementation Period: 2 0 1 2 0 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date: / /2010
Project Title: Improvement of Signaling System for Increase of Freight Trains for Tanta – Mansoura – Damietta Project Description in Charge Improvement of Tanta / Mansoura / Damietta corridor to secure saf number of freight trains. The contents of the improvement are as follows:the upgrading of si introduction of full new automatic block system with color light sign current mechanical interlock system to electronic interlocking system level crossings, and introduction of new communication systems. (If The cost is 700 million EGP. Organization in charge: ENR Signal Section Progress Planned Implementation Period: 2 0 1 2 2 0 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Transport Mode
Project Description in Charge Improvement of Tanta / Mansoura / Damietta corridor to secure saf number of freight trains. The contents of the improvement are as follows:the upgrading of si introduction of full new automatic block system with color light sign current mechanical interlock system to electronic interlocking system level crossings, and introduction of new communication systems. (8 The cost is 700 million EGP. Organization in charge: ENR Signal Section Planned Implementation Period: 2 0 1 2 1 6 1 Information Source: ENR Signal Section Cost: E £ 7 0 0 million estimated in 2 0 1 0 3 Route/Location Map N SEA Sammunan OSalibiya Libya Aliandaria Aliandaria Italiana Aliandaria Al	Road IWT
Project Description in Charge Improvement of Tanta / Mansoura / Damietta corridor to secure saft number of freight trains. The contents of the improvement are as follows; the upgrading of si introduction of full new automatic block system with color light sign current mechanical interlock system to electronic interlocking system level crossings, and introduction of new communication systems. (8 The cost is 700 million EGP. Organization in charge: ENR Signal Section Planned Implementation Period: 2 0 1 2 2 0 1 6 1 Information Source: ENR Signal Section Cost: E£ 7 0 0 million estimated in 2 0 1 0 3 Route/Location Map OSalthiya Italian National Shirbora Italian Sammunan OSalthiya Italian	Rail Pipeline
Improvement of Tanta / Mansoura / Damietta corridor to secure safe number of freight trains. The contents of the improvement are as follows:the upgrading of si introduction of full new automatic block system with color light sign current mechanical interlock system to electronic interlocking system. Level crossings, and introduction of new communication systems. (8 The cost is 700 million EGP. Organization in charge: ENR Signal Section Progress Planned Implementation Period: 2 0 1 2 2 0 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Port Others
number of freight trains. The contents of the improvement are as follows:the upgrading of si introduction of full new automatic block system with color light sign current mechanical interlock system to electronic interlocking system. It is level crossings, and introduction of new communication systems. (If the cost is 700 million EGP. Organization in charge: ENR Signal Section Progress Planned Implementation Period: 2 0 1 2 1 1 2 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1	
The contents of the improvement are as follows: the upgrading of si introduction of full new automatic block system with color light sign current mechanical interlock system to electronic interlocking system. Is evel crossings, and introduction of new communication systems. (If the cost is 700 million EGP. Organization in charge: ENR Signal Section Planned Implementation Period: 2 0 1 2 - 2 0 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	fety and to increase the
introduction of full new automatic block system with color light sign current mechanical interlock system to electronic interlocking system. level crossings, and introduction of new communication systems. (8 The cost is 700 million EGP. Organization in charge: ENR Signal Section Planned Implementation Period: 2 0 1 2 2 0 1 6 1 1 Information Source: ENR Signal Section Cost: E £ 7 0 0 million estimated in 2 0 1 0 3 3 Route/Location Map NSEA Port Said Library	
Current mechanical interlock system to electronic interlocking system. Ievel crossings, and introduction of new communication systems. (8 The cost is 700 million EGP. Organization in charge: ENR Signal Section Planned Implementation Period: 2 0 1 2 2 0 1 6 1 Information Source: ENR Signal Section Cost: E £ 7 0 0 million estimated in 2 0 1 0 3 Route/Location Map N SEA Sammana O Salihiya Fagus Figus Figus Sammana O Salihiya Figus Fig	ignaling installations,
Libya Coalin Co	nals,replacement from
The cost is 700 million EGP. Organization in charge: ENR Signal Section Planned Implementation Period: 2 0 1 2	em,full new automatic
Organization in charge: ENR Signal Section Planned Implementation Period: 2 0 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	89km in length)
Planned Implementation Period: 2 0 1 2 2 0 1 6 1 Information Source: ENR Signal Section 2 Cost: E £ 7 0 0 million estimated in 2 0 1 0 3 Route/Location Map 0 25 50 75 100km 4 N SEA 5 6 Egypt Damietta Sammana OSalihiya Faqus 1. Ad Dapahliyah Tanta 7. Agazzig Ismailiya 1. Ad Dapahliyah Tanta 7. Agazzig Ismailiya 1. Ad Dapahliyah Tanta 7. Agazzig Ismailiya 1. Ad Dapahliyah Tanta 7. Ad Dapahliyah Tel El Kebir 1. Ad Dapahliyah	
Planned Implementation Period: 2 0 1 2 2 0 1 6 1 Information Source: ENR Signal Section 2 Cost: E £ 7 0 0 million estimated in 2 0 1 0 3 Route/Location Map 0 25 50 75 100km 4 N SEA 5 6 Egypt Damietta Sammana OSalihiya Faqus 1. Ad Dapahliyah Tanta 7. Agazzig Ismailiya 1. Ad Dapahliyah Tanta 7. Agazzig Ismailiya 1. Ad Dapahliyah Tanta 7. Agazzig Ismailiya 1. Ad Dapahliyah Tanta 7. Ad Dapahliyah Tel El Kebir 1. Ad Dapahliyah	
Information Source: ENR Signal Section Cost: E £	s of the Project
Route/Location Map N SEA Damieta Damieta Sammana O Salihiya Tanta Sammana O Salihiya Faqus Tanta Sammana O Salihiya Tel El Kebir Sammana O Salihiya Tel El Kebir Sammana O Salihiya Tel El Kebir Tanta Sammana O Salihiya Tel El Kebir Sammana O Salihiya Tel El Kebir Sammana O Salihiya Tel El Kebir Sammana O Salihiya Tel El Kebir	Under Construction
Route/Location Map N SEA Damieta Damieta Port Said Egypt Port Said Libya Libya Atain Tanta Sammana O Salihiya Faqus Libya Libya Atain Atain Atain Atain Atain Atain Atain Tel El Kebir Tel El Kebir	Bidding/Constructing
N SEA Damietta Damietta Port Said Egypt Port Said Libya Callin Mansura Sammana OSalihiya Faqus Tel El Kebir Tel El Kebir Ramaliya Tel El Kebir Ramaliya Tel El Kebir	Financed/Budget Allotted
Damietta Port Said Egypt Port Said Libya Libya Libya Alam Alam Alam Alam Tanta Sammana O Salihiya Faqus Tel El Kebir Tel El Kebir A I Banajayah A J I Isandinyah A J J Isandinyah	D/D Completed
Damietta S Port Said Port Said Libya Libya Alam Tanta Sammana Salihiya Faqus Itihad. Libya Libya Libya Libya Libya Alam A	F/S Completed
Port Said Port Said Port Said Libya Libya Libya Alim	Project Idea Stage
Shirbeen Desuq Callin Mansura Itihad. Itihad. Sammana Salihiya Faqus Ismailiya Tel El Kebir Tel El Kebir Tel El Kebir Tel El Kebir Tel El Kebir	
Desuq Callin Mansura Sammana OSalihiya Faqus Itihad. Itihad. Itihad. J. Al Dapabliya A I Bahayali J. Al Glarbiyal J. Al Glarbiyal J. Al Glarbiyal J. Al Isandiyal	ISRAEL
Tanta Sammana Salihiya Faqus Itihad. Itihad. Itahad.	The Salar
Tanta Sammana Salihiya Faqus Zagazig Ismailiya Tel El Kebir Tel El Kebir Tel Ad Dapabliyah 3. Al Gharbiyah 4. Al Islandiyah 5. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah 7. Al Ismailiyah	
Itihad. Faqus Ismailiya Tel El Kebir Tel El Kebir Tel Danba Tel El Kebir Tel Ad Daqabiyah A Hakadiyah A Hakadiyah A Hakadiyah A Hakadiyah A Hakadiyah A Hakadiyah	Al Fayuni - Saruni Saruni SauDi ARABIA
Faqus Zagazig Ismailiya Tel El Kebir Tel El Kebir Tel Ad Daqabiyah 3. Ai Gharbyah 4. Ai Ismailiyah 5. Ai Ismailiyah 7. Aj Olamba	Al Minya Al Bahr Asvint Al Ahmar
Zagazig Ismailiya Tel El Kebir Tel El Kebir Tel Quanti (A) Danha Tel Quanti (A) Danha Tel Quanti (A) Danha Tel Quanti (A) Danha Tel Quanti (A) Danha Tel Quanti (A) Danha Tel Quanti (A) Danha Tel Quanti (A) Danha	EGYPT Subaj Qina
1 A. Il Standariyah 5. Al Ismaliyah 6. Al Minufiyah 7. Al Quality	h ATWAR
Renha O From Association 1 7. Al Quintan	ah Aswan
: Double track line	
: Single track line : Disused line : River and canal	SUDAN
: Double track line	EGYPT Solbi Oita Al Wali Al Jadid Al Wali Al Jadid Al Jadid

Transportation Project Sheet (10)

Internal Code RW 200		Prepares by:
(to be given by the Study Team)		Date: / /2010
Original Code		Transport Mode
(if any given by the Organization in charge)		Road IWT
Project Title: Improvement of Signaling System for Increase	of	Rail Pipeline
Freight Trains for Benha - Port Said.		Port Others
Project Description in Charge		•
Improvement of Benha / Zagazig / Ismailya / Port Said to	connect F	ort Said port
with the ENR network, to increase the safety level, increase	the max	imum speed from 110 km/h
to 140 km/h, and to increase the number of freight trains.		
The contents of the improvement are as follows: the upgrad	ding of sig	naling.
Installations, introduction of full new automatic block system	m with co	lor light signals,
replacement of the current mechanical interlock system by	the elect	ronic interlocking system,
full new automatic level crossings, and introduction of the r	new comr	nunication systems.
Length: Track improvement: 79km, Signal improvement	: 192km	
	Progress	of the Project
Planned Implementation Period: 2 0 1 2 - 2 0 1 6	1	Under Construction
Information Source: ENR Signal Section	2	Bidding/Constructing
Cost: E £ 1000 million estimated in 2010	З	Financed/Budget Allotted
Route/Location Map 0 25 50 75 100km	4	D/D Completed
Four track line	5	F/S Completed
: Single track line : Disused line	6	Project Idea Stage
- : River and canal	Egypt	
Shirrocen El Mataria		ISRAEL
Qailin	134	was and a
	Libỳa	Cairok 7 Shamel JORDAN
Tanta Sammana O Salihiya	Atam	Alfayun Samay Sanuti SAUDI
Faqus		Al Jizah Al Minya
Zagazig Ismuliya Tel El Kebir		Al Bahr Asyut Al Ahmar EGYPT Sahai
Benha		Qina
3 1 N	Ad Daqahliyah Al Buhayrah Al Gharbiyah Al Iskandariyah	Al Wadi Al Jadid
Calvul	5. Al Ismailiyah 6. Al Minufiyah 7. Al Qahirah 8. Al Qalyubiyah 9. Ash Sharqiyah	
Imbaba G Cairo	10. Bur Said 11. Dumyat 12. Kafr ash Shayk	a
Suez		SUDAN

Transportation Project Sheet (11)

Internal Code RW 103		Prepares by:
(to be given by the Study Team)		Date: / 7 /2010
Original Code		Transport Mode
(if any given by the Organization in charge)		Road IWT
Project Title: Improvement of Signaling System for Cairo –		Rail Pipeline
Alexandria, and Operation Assistance.		Port Others
Project Description in Charge		
The improvement of signaling system from Cairo to Alexan	ndria. (2081	km in length)
This Project involves the development of the all necessary	design, su	pplying, construction,
Phasing, Testing and commissioning, Spare Parts, Training,	Document	ation, two years of Total
guarantee and assistance in operation plus, as option, mainte	enance ser	rvices and assistance in
operation during five years.		
- The creation of new Communication systems for the comp	lete line.	
- Passengers' information systemTelephony system.		
- Interfaces Radio system Data,voice and video	transmiss	ion network.
- Increase the line speed from 140Km/h to 160Km/h		
Organization in charge: E.N.R – Manegement of projects	Progress 6	of the Project
Planned Implementation Period: 2 0 1 2 - 2 0 1 6	1 U	Inder Construction
Information Source: E.N.R	₂ B	Bidding/Constructing
Cost: E £ 1 5 3 0 million estimated in 2 0 1 0	₃ F	Financed/Budget Allotted
Route/Location Map	4 D	D/D Completed
MEDITERRANEAN SEA	₅ F	F/S Completed
Abu Quir		Project Idea Stage
Alexandria	Egypt	
Desug		ISRAEL
Damanhur	2	- Colon Colon
Mansura	Libya	Cairok 7 Shand JORDAN
Tanta	Marrab	Al Fayyum Sumay Sanutr Sina SAUDI
Itihad		Al Jizah Al Minya ARABIA
Zagazig Tel El Kebir		Al Bahr Asyut Al Ahmar EGYPT Subii
: Double track line : Single track line		Oina
: Disused line : River and canal	Ad Daqahliyah Al Buhayrah Al Gharbiyah Al Iskandariyah	Al Wadi Al Jadid
Qalyuy	5. Al Ismailiyah 6. Al Minufiyah 7. Al Qahirah 8. Al Qalyabiyah 9. Ash Sharqiyah	
Imbaba - Cairo	10. Bur Said 11. Dumyat 12. Kafr ash Shaykh	
		SUDAN

Transportation Project Sheet (12)

Internal Code RW 108	Prepares by:	
(to be given by the Study Team)	Date: / 7 /2010	
Original Code	Transport Mode	
(if any given by the Organization in charge)	Road IWT	
Project Title: Single Tracking to Kafr Dawood - Sadat City	Rail Pipeline	
	Port Others	
Project Description in Charge		
The new line start from 66.7km from line Embaba - Etay El Ba	arud. (34.4km in length)	
The line constists of 3station and 1 bridge.		
Now Project is stopping because Recurred Right of way(Ro	w) issue. (18km in length)	
	Progress of the Project	
Planned Implementation Period: 2 0 0 9 - 2 0 1 4	1 Under Construction	
Information Source: ENR Project General Manger	Bidding/Constructing	
Cost: E £ 3 0 0 million estimated in 2 0 1 0	3 Financed/Budget Allotted	
Route/Location Map	D/D Completed	
1 1 1 1 Mandalista	5 F/S Completed	
nhour Mansoura!	6 Project Idea Stage	
	Egypt	
GHARBIA S	SVRIA	
Tanta	15 months	
SHAI	Libba 2 5 Shamid JORDAN Carlook 7 9 Sing JORDAN	
RA Shoin El-Kom City Zagazig	Alfayun Sampy Sanut SAUDI	
	Al Jizah Al Minya	
MINUFIA Benia	Al Ahmar Al Ahmar EGYPT	
	Sulhai	
QALYUBIA	Ad Daqahliyah Al Bhasyrah Al Wadi Al Adarbiyah Al Jadid	
	4. Al Iskandariyah 5. Al Ismailiyah 6. Al Minufiyah 7. Al Qahirah 8. Al Qalyubiyah	
EL-QAHIRA (CAIRO)	9, Ash Sharqiyah 10, Bur Said 11, Dumya 12, Kafr ash Shaykh	
Six October City SIX OCTOBER Six October City GIZA GIZA HELWAN	SUDAN	
HELWAN		
III Helwan		

Transportation Project Sheet (13)

Internal Code RW 301	Prepares by:
(to be given by the Study Team)	Date: / 7 /2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: Single Tracking in Basion City.	Rail Pipeline
	Port Others
Project Description in Charge	
Construction of a line for Basion city branched from cairo -	Alex line - [shubra el Namela station].
(27 km in length)	
The new line includes 4 station and 3 railway bridge, some F	Pipelines for passing water from
canal and drainage.	
85 acre is needed for Right of way.	
Organization in charge: E.N.R – Manegement of projects	Progress of the Project
Planned Implementation Period: 2 0 1 3 - 2 0 1 6	Under Construction
Information Source:	Bidding/Constructing
Cost: E £ 200 million estimated in 2010	3 Financed/Budget Allotted
Route/Location Map	4 D/D Completed
To Alexandria	5 F/S Completed
	6 Project Idea Stage
	Egypt
Kafr El-Zayat Basion city	ISRAEL
	Libya Com El
	Samuel JORDAN Cairos 7 AS
21km	Alfayyun - Sawayi Sanu SAUDI
New line	Al Jizah Al Minya
Shubra El-namla 6km Single Track	EGYPT Subay
(93km) Cairo/Alex	Gina V
Existing line	1. Ad Dasgabityash 2. Al Buhatyash 3. Al Ghatriyash 4. Al Sakandaryash 4. Al Sakandaryash A Sakandaryash A Sakandaryash A Sakandaryash
Tanta Station New line	S. Al Ismailiyah 6. Al Mindiryah 7. Al Qahirah 8. Al Qaybirah 9. Ash Sharqiyah 10. Bur Said
To Coire	10. Bur Said 11. Dumyat 12. Kafr ash Shaykh
To Cairo	SUDAN

Transportation Project Sheet (14)

Internal Code RW 302	Prepares by:
(to be given by the Study Team)	Date: / 7 /2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: Single Tracking for Kafr El-Batikh - New Damiett	ta City. Rail Pipeline
	Port Others
Project Description in Charge	
This branch line starts from Kfr Batikh (Mansura / Damietta)
It's length is 7km and another branch line to the industrial R	egion is 4km in length.
17 acre is needed for right of way.	
Organization in charge: E.N.R – Manegement of projects	Progress of the Project
Planned Implementation Period: 2 0 1 6 - 2 0 2 1	1 Under Construction
Information Source: ENR Project General Manger	Bidding/Constructing
Cost: E £ 7 0 million estimated in 2 0 1 0	3 Financed/Budget Allotted
Route/Location Map	4 D/D Completed
	5 F/S Completed
	6 Project Idea Stage
New Dommietta city Dammiata port	Egypt
Passenger Station	SVRIA
	Libya
Freight Station	Cairos 7 Shand Sinu JORDAN
Industrial areal Reception yard.	Alamb Alfayuri Sunay Sauuri Sau
	Al Jizah Al Minya
Length 4km	EGYPT Subij
Kfr El Batikh	Oha Ohabilinh
	1. Ad Dapabliyash 2. Al Bubayrash 3. Al Gharbiyash 3. Al Gharbiyash 4. Al Iskandariyash 5. Al Ismailiyash 6. Al Minuffyash 7. Al Smailiyash
To Mansoura	6. Al Minutivyah 7. Al Qahirah 8. Al Qahyabiyah 9. Ash Sharqiyah 10. Bur Said
Existing line	10. Bur Sayd 11. Duris Sayd 12. Kafr ad Shaykh
New line	SUDAN

Transportation Project Sheet (15)

Internal Code RW 303	Prepares by:
(to be given by the Study Team)	Date: / 7 /2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: Single Tracking for Luxor – Hurghada.	Rail Pipeline
	Port Others
Project Description in Charge	
It takes two hours between the two cities with the speed of 15	50 km/h.
The track can be divided into three sections.	
First section is about 100 km in length, starting from south Hu	rghada airport and running along
Hurghada/Quseir road and Red Sea coast passing Safaga. T	his section is almost flat.
As for the second section, it runs to the west towards Luxor d	irection. It is 140 km in length
and passing through rugged mountainous areas.	
The third section is 54 km in length passing by easy slops til	l joining Cairo/Aswan line up to Luxor.
Organization in charge: E.N.R – Manegement of projects	Progress of the Project
Planned Implementation Period: 2 0 1 5 - 2 0 2 0	Under Construction
Information Source: ENR Initial Design Report	2 Bidding/Constructing
Cost: E £ 3 6 0 0 million estimated in 2 0 0 9	3 Financed/Budget Allotted
Route/Location Map	₄ D/D Completed
Asvut Hurghada	₅ F/S Completed
Taylii.	6 Project Idea Stage
RED SEA	Egypt
Safaga	SYRIA
Sohag	ISRAEL/
	Libya 4 2 5 Shamid Gairote 7 Smu JORDAN
Qena	All Fiftyuri - Survivo Januar
	Bani Sinuayi Sina SAUDI ARABIA
Luxor	EGYPT Al Alare Co
	Ship
	1. Ad Daqahliyah 2. Al Buhayrah Al Wadi 3. Al Gharbiyah Al Jadid
Edfu	4. Al Iskandariyah 5. Al Ismailiyah 6. Al Minufiyah 7. Al Qohirah 8. Al Qulyubiyah
———— : Double track line(partly four track) ————— : Single track line	9, Add Saurolyah 10. Bur Stalidi 11. Dumyat 12. Kaff sah Shaykh
: Disused line: River and canal	SUDAN
0 100km 200km _	

Transportation Project Sheet (16)

Internal Code RW 304	Prepares by:
(to be given by the Study Team)	Date: / 7 /2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: High Speed Railway for Cairo – Alexandria.	Rail Pipeline
	Port Others
Project Description in Charge	1
High-Speed-railway project is due to establish an Outdoor stati	on in the west side of the
Cairo, and to connect it to Alexandria.	
The route is planned to be constructed along the desert road which	ch exists in the west side of current
Cairo-Alexandria line.	
Comparison study of two main routes was carried out and comp	arison study of the 3 plan was carried out
concerning the connection with terminal.	
The Route is about 220 km in length.	
The operational maximum speed was planned at 300 km/h.	
Organization in charge: E.N.R – Manegement of projects	Progress of the Project
Planned Implementation Period: 2022 - 2027	Under Construction
Information Source: Pre-Feasibility Study Report.	2 Bidding/Constructing
Cost: E £ 1 5 1 1 0 million estimated in 2 0 1 0	3 Financed/Budget Allotted
Route/Location Map	₄ D/D Completed
	5 F/S Completed
	6 Project Idea Stage
KAFR EL SHEIKH DAMIESTA	Egypt
ALEXANDRIA BEHEIRA JAMES E SOMM CONTROL MARGON CO	Libyta Libyta Alarrah Alara

Transportation Project Sheet (17)

Internal Code RW 101	Prepares by:
(to be given by the Study Team)	Date: / / 2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title : Cairo Metro No. 3 Line Phase 1&2(Phase	3&4: F/S Rail Pipeline
completed).	Port Others
Project Description in Charge A project completes the metro No. 3 line of now under construction. Total length 34.20km. Total Number of state of the Cail Length: 4.30 km. Number of stations: 5. Under construction. Length: 4.30 km. Number of stations: 5. Under construction. Length: 7.12 km. Number of stations: 4. Under construction. Length: 7.12 km. Number of stations: 4. Under construction. Phase 3.: The Nile River is crossed to the west side of the and extended to it. It branches in a north-south route at an Length: 15 km. Under study. (In 2010.) Phase 4.: It extends to the east side of the Phase 2 section.	tion 33. ro central part east side. tion. Cost : 3.09Billion EGP tion. Cost : 1.92Billion EGP Phase1 section, and is been n intermediate Al Kitkat station.
Length:12.1 km. Number of stations :8 Some section	
Organization in charge:	Progress of the Project
Planned Implementation Period: 2 0 0 7 - 2 0 1 1	1 Under Construction
Information Source: National Ajthority for Tunnnels (NAT)	Bidding/Constructing
Cost: E £ 5 0 1 0 million estimated in 2 0 0 7	3 Financed/Budget Allotted
Route/Location Map	₄ D/D Completed
	5 F/S Completed
	6 Project Idea Stage
Att Share 19 and 18 Share 2 Att Share 19 and 18 Share 2 Att Share 19 and 18 Share 2 Att Share 19 and 18 Share 2 Att Share 2 Att Share 2 Att Share 3 Att Sh	Libya Libya Alama Al

Transportation Project Sheet (18)

Internal Code RW 305	Prepares by: Magdy
(to be given by the Study Team)	Date: 10 / 2 /2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title : Cairo Metro Line No. 4.	Rail Pipeline
	Port Others
Project Description in Charge	<u> </u>
The metro No.4 line construction project consists of 3 phase	<u>s.</u>
Phase 1 : Construction between Grand Museum-El Malik E	
Length:14 km. Cost Estimated : 5 Billion EGP F/S co	empleted.
Phase 2.,3 : Poject idea stage.	
Owner-institution in above	Dun sure of the Duniert
	Progress of the Project
Planned Implementation Period: 2 0 1 2 - 2 0 1 9	Under Construction
Information Source: National Ajthority for Tunnnels (NAT).	Bidding/Constructing
Cost: E £ 5 0 0 0 million estimated in 2 0 1 1	3 Financed/Budget Allotted
Route/Location Map	4 D/D Completed
	₅ F/S Completed
Greater Cairo Metro Lines Notwork Square	6 Project Idea Stage
Shoutes & Khappa & Shoutes & Shoppa	Egypt
CARC AIR FORT	ISRAEL
St. Rolle 19 Kindles O Tellings	Libya 12 CNO n
Figure 1	Alamab Simu JORDAN
C1-Senten S. Meleccial. Septem. Spirit St. Sancterial St. A. Sanct	Al Falysum Storing Januar Sinna SAUDI
Shakesi	Al Minya
Bisto	EGYPT Salaj
72yyrlie:	1. Ad Daqahliyah
S Attacem Montale groys squire	2. Al Buhayrah Al Wadi 3. Al Gharbyah Al Jadid 4. Al Iskandaryah 5. Al Ismailiyah Aswan
2 300	6. Al Minufryah 7. Al Qahirah 8. Al Qalyabiyah 9. Ash Sharayah 10. Bur Said
	10. Buryani 11. Dunyani 12. Kafrah Shaykh
	SUDAN

Transportation Project Sheet (20)

Internal Code W-403		Prepares by:
(to be given by the Study Team)		Date: / / 2010
Original Code		Transport Mode
		Road IWT
(if any given by the Organization in charge)	. Naw	
Project Title: Double tracking of Bypass Line fpr Cair	0 – New	Rail Pipeline
<u>Alexandria</u>		Port Others
Project Description in Charge		
The project is double tracking of El Giza – Imbaba – El Itha with the increasing demand between Cairo – Alexandria, also. By this double tracking, mainly special passenger trains	223 km in	length. Stations is improved
able to be transferred to this line. This line will be used for		
Organization in charge:	Progress o	of the Project
Planned Implementation Period: 2 0 1 2 - 2 0 2 2	₁ U	nder Construction
Information Source: JICA Study Team	₂ B	idding/Constructing
Cost: E £	3 Fi	inanced/Budget Allotted
Route/Location Map	4 D	/D Completed
	5 F/	/S Completed
DAMIENIA	6 Pi	roject Idea Stage
Mark States (States of States ibya 1. Ad Dagabiiyah 2. Al Bahayah 3. Al Gharbiyah 4. Al Samdrayah 6. Al Mimufiyah 6. Al Mimufiyah 7. Al Qalyabyah 8. Al Qalyabyah 9. Banayah 10. Dumyat 12. Kafr ash Shaykh	SYRIA ISRAEL SYRIA ISRAEL SAUDI ALTERNATI Simus SAUDI ARABIA Al Minya Al Bahr Asyut Al Almare EGYPT Subal Gina SUDAN	

Transportation Project Sheet (21)

Internal Code RW-400		Prepares by:
(to be given by the Study Team)		Date: / / 2010
Original Code		Transport Mode
(if any given by the Organization in charge)		Road IWT
Project Title: High Speed Railway for Cairo – Alexandria via	Tanta_	Rail Pipeline
		Port Others
Project Description in Charge		
Construction of High Speed Railway between Cairo – Alex	kandria via	a Tanta, 196 km in length.
Maximum speed is 300 km/h		
At Tanta, important junction, passengers of current railway	are able	to exchange trains to and
from High Speed Railway.		
Construction of depot and workshop for the maintenance of	f High Spe	eed Railway cars
Procurement of High Speed Railway cars.		
	-	of the Project
Planned Implementation Period: 2 0 2 2 - 2 0 2 7		Under Construction
Information Source: JICA Study Team		Bidding/Constructing
Cost: E £ 2 0 0 0 0 million estimated in 2 0 1 1		Financed/Budget Allotted
Route/Location Map		D/D Completed
A MARIE E. SHEHM	5	F/S Completed
Alexandria	6 F	Project Idea Stage
OMAJUM OMAJUM	Egypt	
		ISRAEL
ALEXANOMA Tanta	Libya	The Great Ed
	Atlanta	Cairok Sina JÓRDAN
BEHEIRA SHARKIA		Bani Siwayi Santai SAUDI
Amaton Control of the		Al Bahr
		EGYPT Subaji
on the state of th		Offina
Cairo	Ad Daqahliyah Al Buhayrah Al Gharbiyah Al Iskandariyah Al Ismailiyah	Al Wadi Al Jadid Aswan
- 0 20 40 80 18ER EN COUNTRY HELWAN	6. Al Minufiyah 7. Al Qahirah 8. Al Qalyubiyah 9. Ash Sharqiyah	
km km	10. Bur Said 11. Dumyat 12. Kafr ash Shaykh	
A M.S		SUDAN

Transportation Project Sheet (22)

Internal Code RW-407	Prepares by:
(to be given by the Study Team)	Date: / / 2010
Original Code (if any given by the Organization in charge) Project Title: Single Tracking for Robeki – Helwan Project Description in Charge The line is to connect Robeki st. (between Ein Shams and through industrial city, 10 of Ramadan with Herwan. By this the line through industrial city, 10 of Ramadan to 6 th of Oct available.	s line, freight transportation between
Organization in charge:	Progress of the Project
	,
Planned Implementation Period: 2 0 2 2 — 2 0 2 7 Information Source: JICA Study Team	1 Under Construction
	Bidding/Constructing Financed/Budget Allotted
	3 Financed/Budget Allotted
Route/Location Map	D/D Completed F/S Completed
Double track line : Double track line : Single track line	
: Disused line : River and canal San	Egypt Libya Alarah

Transportation Project Sheet (23)

Internal Code RW-406		Prepares by:
(to be given by the Study Team)		Date: / / 2010
Original Code		Transport Mode
(if any given by the Organization in charge)		Road IWT
Project Title : Railway Link for 6th of October City.		Rail Pipeline
		Port Others
Project Description in Charge		
The line is to connect the Double Tracking Bypass Line for	Cairo - N	New Alexandria with the
line (between Marazig to Managem) through industrial city,	6 th of Oc	tober. By the route
freight transportation by railway between Alexandria and 6	of Octobe	er can be available.
Organization in charge:	Progress	s of the Project
Planned Implementation Period: 2 0 1 2 - 2 0 2 2	1	Under Construction
Information Source: JICA Study Team	2	Bidding/Constructing
Cost: E £ 1600 million estimated in 2011	3	Financed/Budget Allotted
Route/Location Map	4	D/D Completed
: Four track line : Double track line	5	F/S Completed
Single track line : Disused line	6	Project Idea Stage
: River and canal	Egypt	
Sammans	371	SYRIA
Inhad Zanazis Ismailiya	2	ISRAEL/
Tel El Kebis	Libya	2 6 5 Shamel JORDAN
SINA	Man	Cairon 7
		Al Jizah Al Minya
Daby		Al Bahr Asyut Al Ahmar
6 th of October Gity Helwan Sucz		EGYPT Suhaj Oina
o of october diff	1. Ad Daqahliyah 2. Al Buhayrah 3. Al Gharbiyah	Al Wadi
	3. Al Gharbiyah 4. Al Iskandariyah 5. Al Ismailiyah 6. Al Minufiyah 7. Al Qahirah	Al Jadid Aswan
RED SEA	8. Al Qalyubiyah 9. Ash Sharqiyah 10. Bur Said 11. Dumyat	
C 25 50 75 100km	12. Kafr ash Shayi	SUDAN
	Ш	

Transportation Project Sheet (24)

Prepares by:
Date: / / 2010
Transport Mode Road IWT
Rail Pipeline Port Others
ngth. I Port - 10 th of October – Alexandria is
Progress of the Project
Under Construction
Bidding/Constructing
3 Financed/Budget Allotted
5 F/S Completed
6 Project Idea Stage
Libya Libya Alimah

Transportation Project Sheet (25)

Internal Code RW 401		Prepares by:
(to be given by the Study Team)		Date: / 7 /2010
Original Code		Transport Mode
(if any given by the Organization in charge)		Road IWT
Project Title: Improvement of Track Arrangement for Cairo -	Qalyub	Rail Pipeline
		Port Others
Project Description in Charge		
Construction of elevated railway at Qalyub Station for the	train oper	ation to and from Cairo
and Minuf.		
Construction of new platforms and new lines at Cairo Stat	ion	
Rearrangement of lines at Cairo Station and Qalyub Station)	
Organization in charge: E.N.R – Manegement of projects	1	s of the Project
Planned Implementation Period: 2 0 1 2 - 2 0 2 2	1	Under Construction
Information Source: E.N.R	2	Bidding/Constructing
Cost: E £ 720 million estimated in 2010	3	Financed/Budget Allotted
Route/Location Map	4	D/D Completed
Tanta	5	F/S Completed
0/8/ 70%	6	Project Idea Stage
Itihad. Faqus Zagazig	Egypt	
Tel El Kebir		ISRAEL
Benha	Libya	The great &
E 2"	3	Cairon 7 Shamal JORDAN
4 5	Atama	Al Fayrum - Son and Sanutr Sina SAUDI
: Four track line		Al Jizah Al Minya Al Bahr
: Double track line : Single track line Imbaba Cairo		EGYPT Subbi
: Disused line : River and canal		Qina V
	Ad Daqahliyah Al Buhayrah Al Gharbiyah Al Iskandariyah Al Ismailiyah	Al Wadi Al Jadid
	6. Al Minufiyah 7. Al Qahirah 8. Al Qalyubiyah 9. Ash Sharqiyah	
C 25 50 75 190km	10. Bur Said 11. Dumyat 12. Kafr ash Shayk	h J
		SUDAN

Transportation Project Sheet (26)

Internal Code RW-408	Prepares by:
(to be given by the Study Team)	Date: / / 2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: Rehabilitation of Tracks for Qena – Kharga.	Rail Pipeline
	Port Others
Project Description in Charge	
The project is to rehabilitate the existing railway betweer	n Qena – Kharga, 255 km in length, for
both freight transportation or passenger transportation according forecast.	
The market includes the fellowing	
(1) Rehabilitation of railway.	
(2) Rehabilitation of electric facilities as signaling, telecomi	nunication, etc.
(3) To construct the new station at Kharga.	
Organization in charge:	Progress of the Project
Planned Implementation Period: 2 0 1 7 - 2 0 2 1	Under Construction
Information Source: JICA Study Team	Bidding/Constructing
Cost: E £ 2300 million estimated in 2011	3 Financed/Budget Allotted
Route/Location Map	4 D/D Completed
	5 F/S Completed
Mirryu	6 Project Idea Stage
	Egypt
Safaga Sohag	Libya Libya Libya Cairos 7 Samuel JORDAN Alamah
Abu Tanour Eldru	EGYPT Subal Gina
: Double track line (partly four track) : Single track line : Disused line : River and canal	J. Ad Doughliyosh 2. Al Hoshiyyosh 3. Al Charbiyosh 4. Al Iskandariyosh 5. Al Homatilyosh 6. Al Montariyosh 8. Al Odyshiyosh 9. Ash Charbiyosh 9. Ash Shariyosh 10. Bur Said 11. Donnyost 12. Ashir ash Sharyix
	SUDAN

Transportation Project Sheet (27)

Internal Code RW-409		Prepares by:_	
(to be given by the Study Team)		Date: /	/ 2010
Original Code		Transport Mod	de
(if any given by the Organization in charge)		Road	IWT
Project Title: Rehabilitation of Tracks for Qena – Safaga.		Rail	Pipeline
		Port	Others
Project Description in Charge	l		
The project is to rehabilitate the existing railway between 0	Qena – Sa	ıfaga, 170 km	in length,
for both freight transportation and passenger transportation	according	to the result of	of
demand forecast.			
The project includes the following.			
(1) Rehabilitation of railway.			
(2) Rehabilitation of electric facilities as signaling, telecom	municatio	n, etc	
(3) To construct new stations of East Qena (New), Quseir	(New) and	d Safaga.	
Organization in charge:	Progress of	of the Project	
Planned Implementation Period: 2 0 1 7 - 2 0 2 1	1 U	Inder Constru	ction
Information Source: JICA Study Team	₂ B	Bidding/Constr	ucting
Cost: E £ 1 9 0 0 million estimated in 2 0 1 1	₃ F	inanced/Budg	et Allotted
Route/Location Map	4 D	D/D Completed	i
	₅ F	S/S Completed	
Mirya	6 P	roject Idea Sta	age
\$	Egypt		
Asyut	Едурі		\$XRIA
	2	~~!!	ISRAEL
Safaga Sohur	Libya	The saw	Shamal JORDAN
One	Atamio	Cairon 7	
Linco	1	Bani Siwayf Al Jizah Al Minya	SAUDI ARABIA
Abu Tanour 🗸		Asyut AlA	Bahr hmar
Edfu		EGYPT Suhaj	The state of the s
: Double track line(partly four track)	Ad Daqahliyah Al Buhayrah Al Gharbiyah	Al Wadi	
: Single track line : Disused line	Al Iskandariyah Al Iskandariyah Al Ismailiyah Al Minufiyah Al Qahirah	Al Jadid	Assvan
: River and canal	8. Al Qalyubiyah 9. Ash Sharqiyah 10. Bur Said 11. Dumyat	5 74	
0 100km 200km	12. Kafr ash Shaykh	SUD	AN

Transportation Project Sheet (28)

Internal Code RW-410	Prepares by:
(to be given by the Study Team)	Date: / / 2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: Rehabilitation of Tracks for El-Kab – Bir El Ab	od Rail Pipeline
	Port Others
Project Description in Charge	'
The project is to rehabilitate the existing railway between	El-Kab – Bir El Abd, 100 km in length,
for both freight transportation and passenger transportation	n according to the result of demand
forecast.	
The project includes the following.	
(1) Rehabilitation of railway.	
(2) Rehabilitation of electric facilities as signaling, telecor	nmunication, etc
(3) To construct newly two stations of East El Kab and Ron	nany. To improve Port Said railway
station.	
Organization in charge:	Progress of the Project
Planned Implementation Period: 2 0 1 7 - 2 0 2 1	1 Under Construction
Information Source: JICA Study Team	2 Bidding/Constructing
Cost: E £ 1600 million estimated in 2011	3 Financed/Budget Allotted
Route/Location Map : Double track line(partly four track)	
—————————————————————————————————————	5 F/S Completed
: River and canal	Project Idea Stage
Damietta	Egypt
Shirbeen Port Said	SYRIA
Qallin Mansura	ISRAEL/
Sammana Salihiya	Libya Samul JORDAN
Faqus	Califor 7 AS Some Sandy Salini
Menui Zagazig	Sinal SauDI ARABIA At Minya
P.Shebeen K.	Al Babr Asjut Al Ahmar EGYPT
Imbaba Cairo Marg	EGITI Salai
Helwan Sokhna SINAI	1. Ad Dagahliyah 2. Al Buhayrah 3. Al Ghartiyah Al Jadid
Tebben	4. Al Iskandariyah 5. Al Ismailiyah 6. Al Minafiyah 7. Al Oshirah
G 100km 200km	8. Al Qulyubiyah 9. Ash Sharqiyah 10. Bur Said 11. Dunya 12. Kaff sah Shaykh
V TOWN EOWN	SUDAN

Transportation Project Sheet (29)

Internal Code RW-412		Prepares by:
(to be given by the Study Team)		Date: / / 2010
Original Code		Transport Mode
(if any given by the Organization in charge)		Road IWT
Project Title : Freight Transportation System Change		Rail Pipeline
		Port Others
Project Description in Charge		
To increase the efficiency of freight transportation consolid the freight transportation. Project includes; (1) integrate freight stations and construct container termin (2) provide container wagons (3) provide regular schedule of container train	nal	
Route of container trains and location of container terminates	al are as f	follows
-		
Port Said corridor Tel El Kebir, Port Said Damietta corridor Tanta, Mansoura, Damietta		
Aswan corridor Imbaba, Beni Suef, Asyut, Qen		
Organization in charge:		of the Project
Planned Implementation Period: 2 0 1 2 - 2 0 2 2	1	Under Construction
Information Source : JICA Study Team	2	Bidding/Constructing
Cost: E £ 4 68 0 million estimated in 2 0 1 1	З	Financed/Budget Allotted
Route/Location Map	4	D/D Completed
Damietta Mansoura	5	F/S Completed
Qabbary		Project Idea Stage
Tanta Tal El Kobir	Egypt	
Tel El Kebir Cairo OBeni Suef Asyut Quena	Libya 1. Ad Daqahliyah 2. Al Bahayrah 3. Al Gharbyah ah 4. Al Ishariyah 4. Al Maringah 6. Al Misufiyah 7. Al Qahirah 8. Al Qaybah 9. Bur Said 11. Dumyat 12. Kafr ash Shayk	Al Fayuri Survey Sau SAUDI ARABIA Al Minya Al Bahr Asyur Al Alamar EGYPT Sahij Gita Al Wadi Al Jadid Asyuri
b Aswan		

Transportation Project Sheet (30)

Internal Code RW-999	Prepares by:
(to be given by the Study Team)	Date: / / 2010
Original Code	Transport Mode
(if any given by the Organization in charge)	Road IWT
Project Title: High Speed Railway for Cairo – Aswan	Rail Pipeline
	Port Others
Project Description in Charge To coupe with demand of Upper Egypt, construct new high Project is divided to 3 phases. Phase 1: Cairo – Asyut, Phase 2: Asyut – Luxor.	n speed railway from Cairo to Aswan.
Phase 3 Luxor – Aswan same standard is applied with Cairo – Alexandria High Spossible.	Speed Rail so that through operation is
Organization in charge:	Progress of the Project
Planned Implementation Period: 2 0 1 2 - 2 0 1 9	1 Under Construction
Information Source: JICA Study Team	2 Bidding/Constructing
Cost: E £ 1 0 0 0 million estimated in 2 0 1 1	3 Financed/Budget Allotted
Mensal Zapata Brandon Zapata AShatera K	₄ D/D Completed
Landon Coare, Mongo Sokinan Sokinan NIN Al	5 F/S Completed
Abushesia y Corra Wanta	6 Project Idea Stage
Abact dominal different factor EED SEA	Libya Libya Alamb
Abstrations 200m : Double track line (partly four track) : Single track line : Disuad line : River and canal	EGYP J. Ad Desphiliyah 2. All Behryrah 3. Al Gharfriyah 4. Al Iskandariyah 5. Al Standiryah 6. Al Gharflyah 7. Al Qahrinh 8. Al Qalyahiyah 9. Ash Sharqiyah 10. Bur Said 11. Kafir ads Shaykh SUDAN