## E3-3 EXPRESSWAY

## I NDEX OF DRAWINGS

DWG. DRAWING TITLE
NO.

ALIGMENT PLAN
E3-3/A-01 ALGMENT PLAN
LAND PLAN
E3-3/L-01 LAND PLAN

## SHEET DWG. DRAWING TITLE <br> NO. NO

## ROADWA

E3-3/R-01 PLAN \& PROFLE STA. $13+400$ - STA. $14+900$ E3-3/R-02 PLAN \& PROFLL STA. $14+900-$ STA. $16+600$ E3-3/R-03 PLAN \& PROFLLE STA. $16+600$ - STA. $17+800$. E3-3/R-04 PLAN \& PROFLE STA. $17+800-$ STA. $18+900$ (NORTH LEG) E3-3/R-05 PLAN \& PROFLLE STA. $17+800-$ STA. $18+900$ (SOUTH LEG). E3-3/R-06 TTPICAL ROAD SECTION E3-3/R-07 CRoss SEction ( $1 / 3$ ). E3-3/R-08 CROSS SEction (2/3).
E3-3/R-09 CROSS SEction ( $3 / 3$ ).
E3-3/R-10 ON / OFF RAMP NO. 1 PLAN AND PROFLLE ( $13+400 \& 14+500$ )
E3-3/R-10 ON / OFF RAMP NO. 1 PLAN AND PROFLE ( $13+400 \& 14+500$ ). . E3-3/R-1 ON OFF RANP NO. ( $1 / 2$ ) CROSS SECTION ( $13+400$ \& $14+500$ )

STRUCTURES
E3-3/S-01 E3-3 OVERALL PLAN \& LAYOUT
E3-3/S-02 SINGLE COLUMN PIER LAYOUT \& SECTIONS (EXPANSION)
E3-3/S-03 SINGLe COLUMN PIER laYout \& SEctions (COntinuous)
E3-3/S-04 PORTAL TYPE PIER
E3-3/S-05 TRANSITION PIER TO DOUBLE DECK - SALAH SALIM
E3-3/S-06 3 RC COLUMN frame PIER - AL MaLK AL SALEH - Double deck (EXPANsIon)
E3-3/5-07 3 RC COLUMN frame Pler - al malk al saleh - double deck (Coninnous)
E3-3/S-08 steel frame pier - al rawdah - double deck (expansion).
E3-3/S-09 SteEl frame pier - al rawdah - double deck (continuous)
E3-3/S-10 3 RC COLUMN FRAME PIER - AL RAWDAH - DOUBLE DECK (EXPANSION) -
3-3/5-11 3 RC COLNW FRAME PER - AL RIWDAH - DOLBE DECK (CONTNO
E3-3/S-12 SUPERSTRUCTURE LAYOUT \& SECTIONS (EAST OF NLEE) 1 OF 3
3-3/S-13 SUPERSTRUCTURE LAYOUT \& SECTIONS (EAST OF NILE) 2 OF 3
E3-3/S-14 SUPERSTRUCTURE LAYOUT \& SECTIONS (EAST OF NLLE) 3 OF 3
3-3/S-15 NILE RIVER BRIDGE OUTIINE DETALS
3-3/S-16 PIIR TYPE 1 LAYOUT AND SECTIONS (GIZA SQUARE)
$3-3 / \mathrm{S}-17$ PIER TTPE 2 LAYOUT AND SECTIONS (GIIA SQUARE)
3-3/S-18 PIER TTPE 3 LAYOUT AND SECTIONS (FAYSAL),
E3-3/S-19 PIER TTPE 4 LAYOUT AND SECTIONS (AL AHRAM).
3-3/S-20 SUPERSTRUCTURE LAYOUT \& SECTIONS (WEST DF .
E3-3/S-21 SUPERSTRUCTURE LAYOUT \& SECTIONS (WEST OF NLLE TO E8) 2 OF $3 \cdots 2$
3-3/S-22 SUPERSTRUCTURE LAYOUT \& SECTIONS (WEST OF NLE TO E8) 3 of $3 \cdots 22$



( 4 SCAE SECTION

jica
$(3)$ SECTION
( 1 SCALE SECTION

JAPAN INTERNATIONAL COOPERATION AGENC GENERAL AUTHORITY FOR ROADS
BRIDGESADLANDTAANSPORT (GARBLT)
MINSTYOFTRNSPON
ARAB REPUBLC OF EGYPT $\square$ 1:20000



Land required $2,000 \mathrm{~m}^{2}$
$1 \begin{aligned} & \text { katahira \& engineers } \\ & \text { international }\end{aligned}$
RICE WATERHOUSE COOP
ADVISORY CO., LTD.
jicA
GENERAL AUTHORITY FOR ROADS
BRDGS AND LANDTRANPORT (GARBLT)
BINTRYOTRANSORT
MINSTM
ARAB REPUBLIC OF EGYPT
HIGH PRIORITY FEASBABLLTY TOLLUDY ON
SCALE :
1:20000
$\square$




























(2a) STRUCTURAL STEEL TUB GIRDER TYPE-1 (25 SPAN)


2b STRUCTURAL STEEL TUB GIRDER TYPE-2 (40 SPAN)


| GENERAL AUTHORITY FOR ROADS BRIDGES AND LAND TRANSPORT (GARBLT) MINISTRY OF TRANSPORT ARAB REPUBLIC OF EGYPT | Project And location | SCALE : | DRAWING TTTLE : | DRAWING No: |
| :---: | :---: | :---: | :---: | :---: |
|  | FEASIBILITY STUDY ON |  |  | E3-3/S-14 |
|  | E3-3 EXPRESSWAY |  | (EAST OF NILE) 3 OF 3 | SHEET No: |
|  |  | FULL SIZE A3 |  | 14/22 |




[^0]
RICE WATERHOUSE COOPERS DN
ADVISORY CO., LTD. $\qquad$ ARAB REPUBLIC OF EGYPT $\square$ E3-3 EXPRESSWAY 1:200 (WEST OF NILE)


)

(scane PIER TYPE 3 - SH. AL-AHRAM STREET UNDERPASS



$\square$ Proolect and location : $\quad$ SCALE: ${ }^{\text {DRAWNG TTLE }}$
. Minstry of transport $\underbrace{}_{\text {fIL SIE A3 }}$

|  | SHEET No: |
| :---: | :---: |
|  | $18 / 22$ |


(scuie $)$ PIER TYPE 4 - TO EL MALEK FAISAL STREET
$1<\begin{gathered}\text { KAtaHira \& ENGINEERS } \\ \text { INTERNATIONAL }\end{gathered}$
RICE WATERHOUSE COOPERS W
ADVISORY CO., LTD.


Proolect and location :

URBAN TOLL EXPRE
E3-3 EXPRESSWA
ful size A3 (WESTOF NLLE)




SPAN 25 m to 40 m
(1a (sale STRUCTURAL STEEL TUB GIRDERS TYPE - 1 (SH. AL-AHRAM STREET)

(1b STRUCTURAL STEEL TUB GIRDERS TYPE - 2 (MIDAN AL-JIZAH)


SPAN 25m

[^1](scalE STRUCTURAL STEEL TUB GIRDERS

- $\begin{aligned} & \text { Katahira \& Engineers international }\end{aligned}$ ARAB REPUBLIC OF EGYPT $\qquad$
PuL sIE A3


[^0]:    (scale PIER TYPE $1-\mathrm{SH}$. AL-AHRAM STREET

[^1]:    1 ( 1 ScAE $)$ STRUCTURAEL STEEL TUB GIRDERS TYPE $-3 \&$ TYPE -4 (SH. AL-AHRAM ST. \& TO FAYSAL)

