



State Of Kuwait  
Ministry of Public Works

دولة الكويت  
وزارة الأشغال العامة



انشاء وإنجاز وصيانة شارع الغوص من الطريق الدائري السابع  
إلى طريق الفحيحيل - الأحمدى (212) (هـ ط 265)

Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to  
Fahaheel Road (Road 212) (RA 265)

التقرير الشهري رقم (8)  
لشهريناير-2022

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

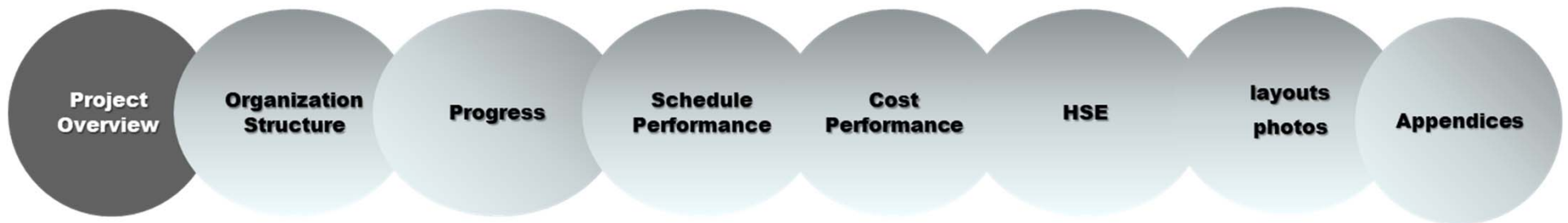
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# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 1.2 Project Brief

### 1. Project Overview



- 1.1 Table of Contents
- 1.2 Project Brief
- 1.3 Contract Information
- 1.4 Project Location
- 1.5 Weather status
- 1.6 Time status

The Purpose of this Monthly Report is to provide the owner ,the client and the consultant with the project status and clarify the key issues onsite and any deviations from the baselines.

This is a live document which will be submitted at regular intervals as further method statements for areas of work are prepared.

The Monthly Report is reviewed and issued in accordance with the company procedures and will be updated as necessary in the future months

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 1.2 Project Brief

As a part of Ministry of Public Works plan to improve and upgrade the urban roads infrastructures of Kuwait in order to meet the increasing traffic demands and accommodate development programs, MPW has decided to launch the " Study, Design & Construction supervision for the construction and Maintenance for the Upgrading of Al Ghouse road".

Although the Kuwait road network developed over the last 30 years is of a high standard, the increasing car ownership associated with new and proposed urban needs have placed greater demands on the motorway system which are now resulting in traffic congestion and travel time delays at a significant number of interchanges, especially those equipped with traffic signal installations.

Al Ghouse Road is a dual carriageway with various numbers of lanes depending on the concerned sections. It runs parallel to Fahaheel Expressway (Route 30) and King Fahed Ben Abdul Aziz Road (Route 40).

A majority of the intersections are at present controlled by traffic signals and Al Ghouse Road therefore functions as major collector road as part of the Primary Road Network in hierarchy, distributing the local traffic to major road network including Route 30 and Route 40.

As running parallel to Route 30 and Route 40, the upgraded Al Ghouse Road could be an alternate road carrying traffic between the south most end of Kuwait Metropolitan area and Al Ahmadi industrial area.

Project serves many residential areas, including (Al-Aqila - Jaber Al-Ali - Hadiya - Al-Raqqa - Fahd Al-Ahmad - Al-Sabahiya).





# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 1.2 Project Brief

Package (3): Construction, Completion and maintenance of Al Ghouse road from 7th Ring Road till Fahaheel-Ahmadi road (road 212) (7th ring road excluded)

- Total Length: 10 Km from 17+354 to 27+460

- No. of Lanes:

1. From 16+630 to 19+100 km – 4+4 Lanes
2. From 19+100 to 23+800 km – 3+3 Lanes
3. From 23+800 to 27+460 km – 2+2 Lanes

- Duration of Works: 36 months

### Summary of Main Works

Improving and upgrading 6 existing roundabouts along Al Ghouse road.  
Construction of 3 flyovers (3+3 lanes) and upgrading existing signalized junctions by wide roundabouts.

Construction of three (3) footbridges

Upgrading and maintenance of Al Ghouse road as per described in the drawings.  
Protect & relocate existing utilities taking into consideration the new road's design.  
Construction of new services (ITS, etc.)

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 1.2 Project Brief

### RA/265 Junctions

#### Project Matrix Information (PMI)

S.N.	Starting KP	Component	Type Of Works
1	16+630	Start of Package 3	
2	18+940	Flyover J16	New
3	19+630	Roundabout J16a	Upgrading
4	20+790	Roundabout J17	Upgrading
5	21+720	Flyover J18	New
6	22+510	Roundabout J19	Upgrading
7	23+150	Roundabout J20	Upgrading
8	23+740	Roundabout J21	New
9	26+920	Roundabout J25	New
10	26+500	Flyover J26	New
11	26+700	End of Package 3	

Out of Scope of work  
Under contract EFR 193



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 1.3 Contract Information

### Contract information

- **Contract Number:**  
Contract No. (RA 265)
- **Project:**  
Construction, Completion & Maintenance of Al-Ghouse Road From 7th Ring Road to Fahaheel Road
- **Employer:**  
Ministry of Public Works (MPW)
- **Engineer Representative (Consultant):**  
EGIS International  
In association with SSH
- **Contractor:**  
Kuwait Arab contractors
- **Contract Value:**  
KD 59,780,000
- **Contract Period:**  
1095 Days
- **Contract Signature Date:**  
15 April 2021
- **Commencement Date:**  
10 June 2021
- **Completion Date:**  
09 June 2021
- **Advanced Payment:**  
10%
- **Retention:**  
10%

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 1.4 Project Location

### Overall Project Location





# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 1.4 Project Location

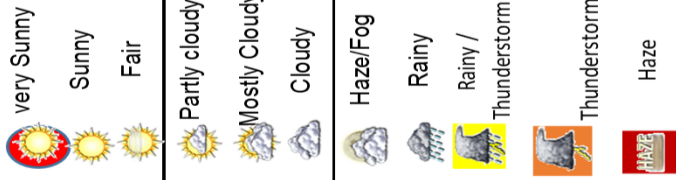
RA/265(R)



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 1.5 Weather status

	Temp	Type	wind	w/non
Saturday, January 1, 2022	21°C	Sunny	no wind	w
Sunday, January 2, 2022	24°C	Sunny	no wind	w
Monday, January 3, 2022	22°C	Sunny	no wind	w
Tuesday, January 4, 2022	21°C	Sunny	no wind	w
Wednesday, January 5, 2022	24°C	Sunny	no wind	w
Thursday, January 6, 2022	22°C	Sunny	no wind	w
Friday, January 7, 2022	21°C	Sunny	no wind	w
Saturday, January 8, 2022	24°C	Sunny	no wind	w
Sunday, January 9, 2022	22°C	Sunny	no wind	w
Monday, January 10, 2022	28°C	Rainy	no wind	w
Tuesday, January 11, 2022	28°C	Sunny	no wind	w
Wednesday, January 12, 2022	28°C	Sunny	no wind	w
Thursday, January 13, 2022	28°C	Sunny	no wind	w
Friday, January 14, 2022	27°C	Sunny	no wind	w
Saturday, January 15, 2022	24°C	Sunny	mid- winds	w
Sunday, January 16, 2022	24°C	Sunny	no wind	w
Monday, January 17, 2022	26°C	Rainy	breeze	w
Tuesday, January 18, 2022	26°C	Rainy	breeze	w
Wednesday, January 19, 2022	27°C	Rainy	breeze	w
Thursday, January 20, 2022	27°C	Partly cloudy	no wind	w
Friday, January 21, 2022	27°C	Partly cloudy	no wind	w
Saturday, January 22, 2022	24°C	Sunny	no wind	w
Sunday, January 23, 2022	24°C	Sunny	no wind	w
Monday, January 24, 2022	24°C	Sunny	no wind	w
Tuesday, January 25, 2022	24°C	Sunny	no wind	w
Wednesday, January 26, 2022	24°C	Sunny	no wind	w
Thursday, January 27, 2022	22°C	Sunny	no wind	w
Friday, January 28, 2022	22°C	Sunny	no wind	w
Saturday, January 29, 2022	22°C	Sunny	no wind	w
Sunday, January 30, 2022	26°C	Sunny	mid- winds	w
Monday, January 31, 2022	26°C	Rainy	mid- winds	w

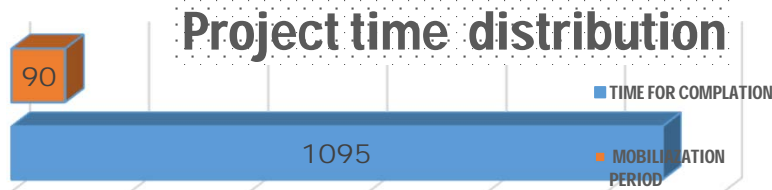


# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 1.6 Time status

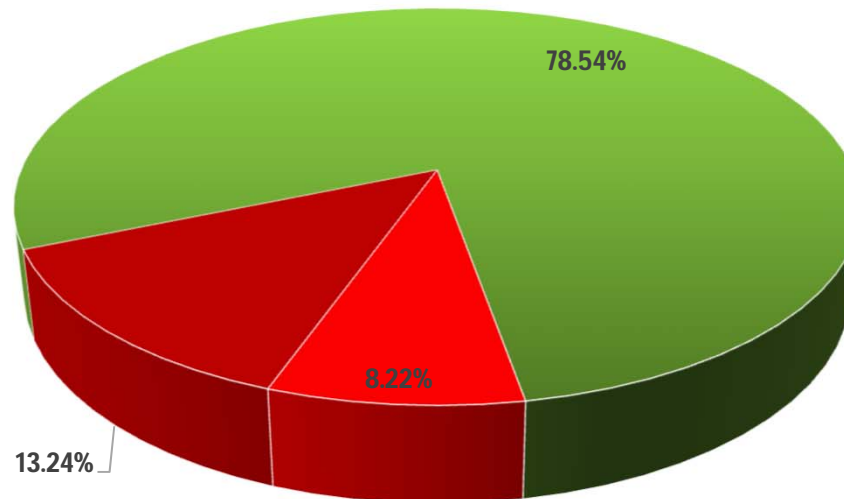
PROJECT START DATE	10-Jun-21
CONTRACT SIGN	15-Apr-21
PROJECT COMPLETION DATE	9-Jun-24
DATA DATE	31-Jan-22

TIME FOR COMPLETION	1095 DAYS	100.00%
TIME OF CONSTRUCTION WORK	1005 DAYS	91.78%
ELAPSED PERIOD	235 DAYS	21.46%
MOBILIZATION PERIOD	90 DAYS	8.22%
ELAPSED CONSTRUCTION PERIOD	145 DAYS	13.24%
REMAINING CONSTRUCTION PERIOD	860 DAYS	78.54%



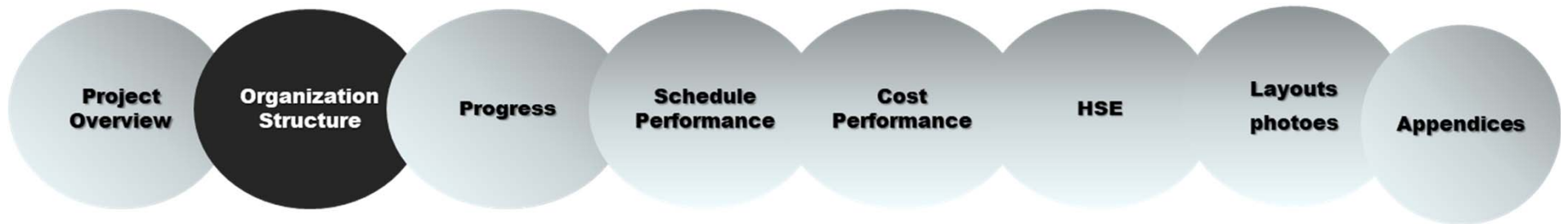
### Project status(time)

- MOBILIZATION PERIOD
- ELAPSED CONSTRUCTION PERIOD
- REMAINING CONSTRUCTION PERIOD



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 2. Organization Structure



- 2.1 Project Parties
- 2.2 Contractor Organization Chart



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 2.1 Project Parties

### Project Parties:



### Employer/ Engineer



### Consultant/ Engineer Representative

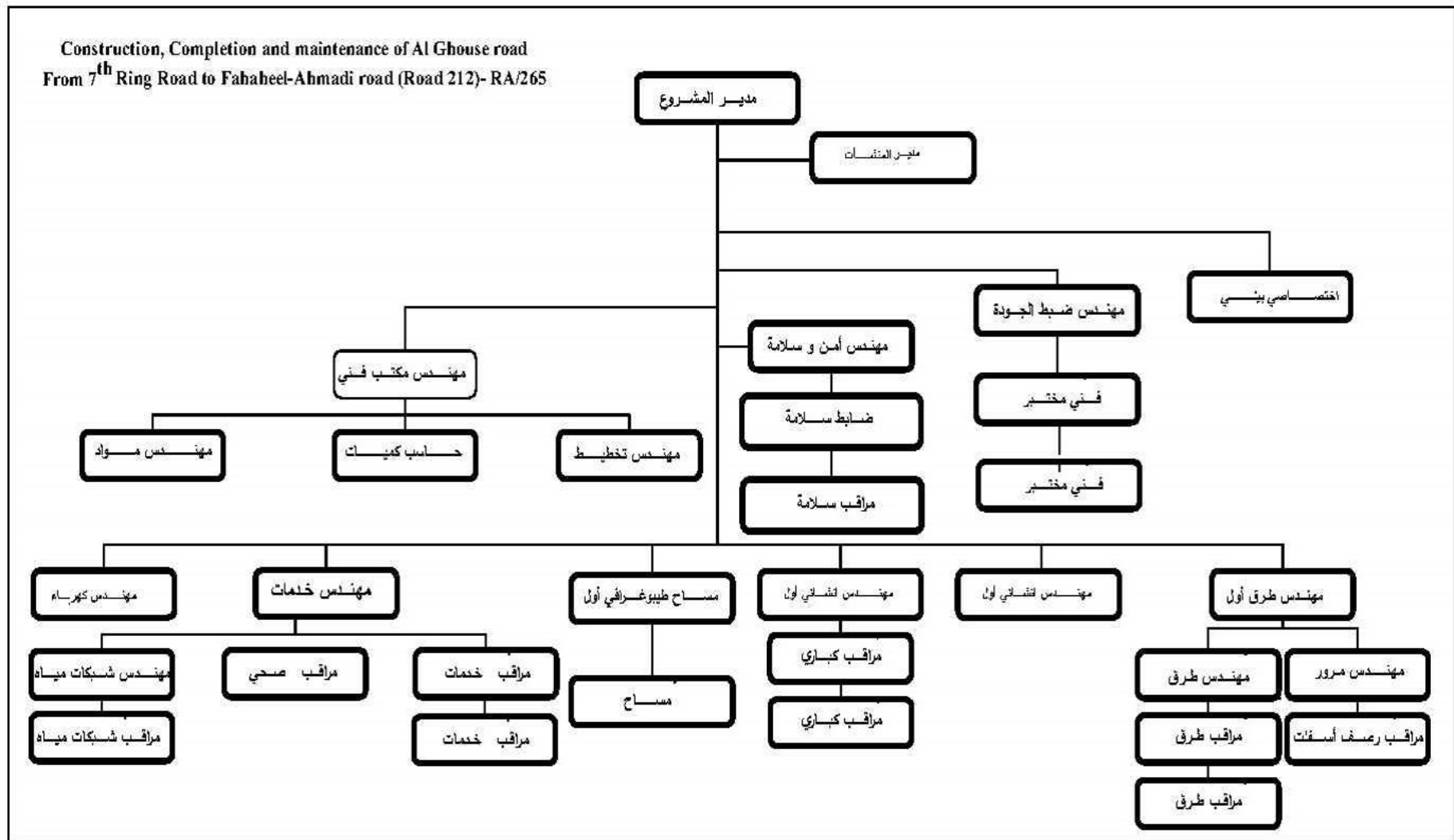


### Contractor



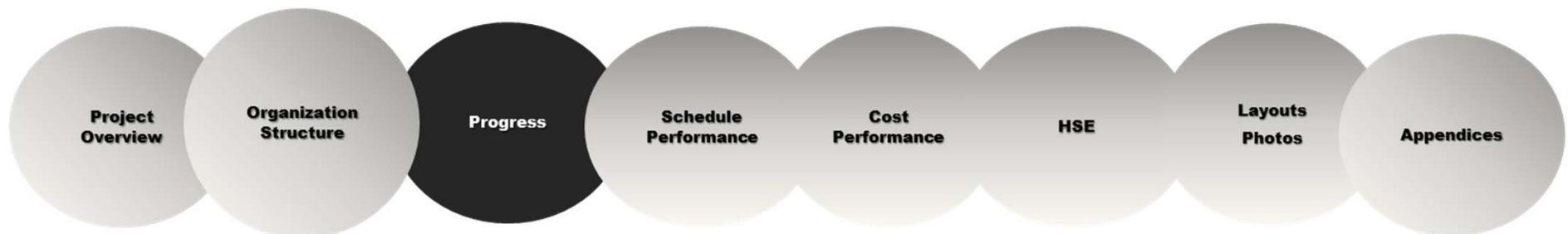
# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 2.2 Contractor Organization Chart



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

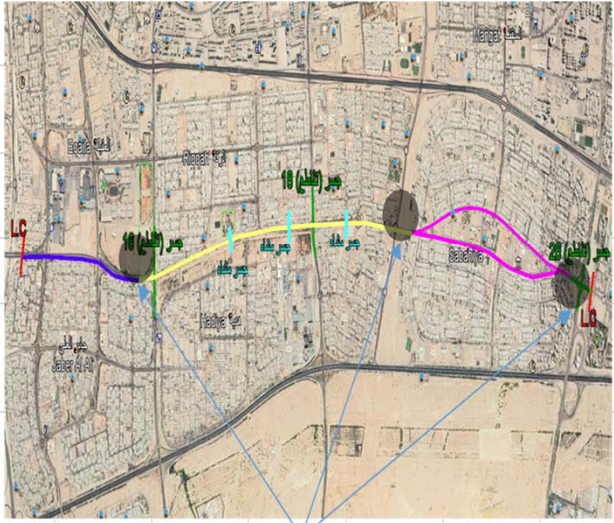
## 3. Progress



- 3.1 Executive summary of progress
- 3.2 Dashboard & DRAWING
- 3.3 Reasons for delay and Issues

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

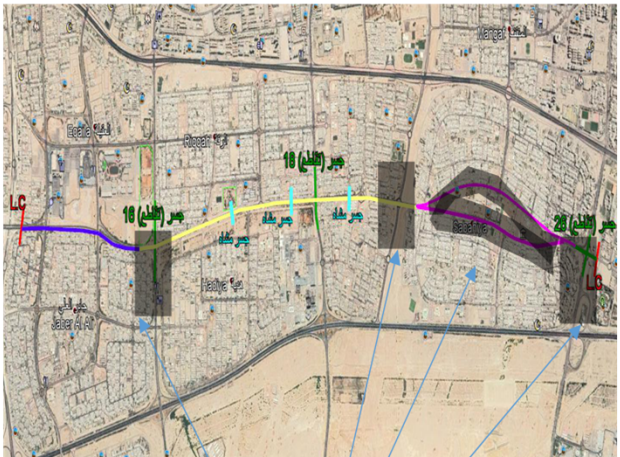
## 3.2 Executive summary of progress

<p><u>لماكن الاعمال</u></p>	<p>ZONE</p>	<p>الأعمال الجارية بالمشروع يناير 2022</p>	
 <p><b>ROAD WORK</b> أعمال الطرق</p>		<p><u>أولاً: أعمال الطرق:</u></p>	
	<p>ZONE 6</p>	<p>أعمال الترابيات للتحويلة J16</p>	<p>1-1</p>
	<p>ZONE 4</p>	<p>فك وتجميع البلاط المتداخل في تقاطع J18</p>	<p>1-2</p>
	<p>ZONE 5</p>	<p>حفوسات لكشف الخدمات الأرضية المعارضة لمسار التحويلة وعمل الحماية المناسبة لها</p>	<p>1-3</p>
	<p>ZONE 4</p>	<p>أعمال الترابيات للتحويلة J18</p>	<p>1-4</p>
	<p>ZONE 4</p>	<p>تسوية الأرض وتجميع الأنقاض التي تعيق أعمال التحويلة ونقلها خارج المشروع</p>	<p>1-5</p>
<p>ZONE 4</p>	<p>أعمال إزلات للعوائق في مسار التحويلة (بلاط / شجر / كرستون)</p>	<p>1-6</p>	



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

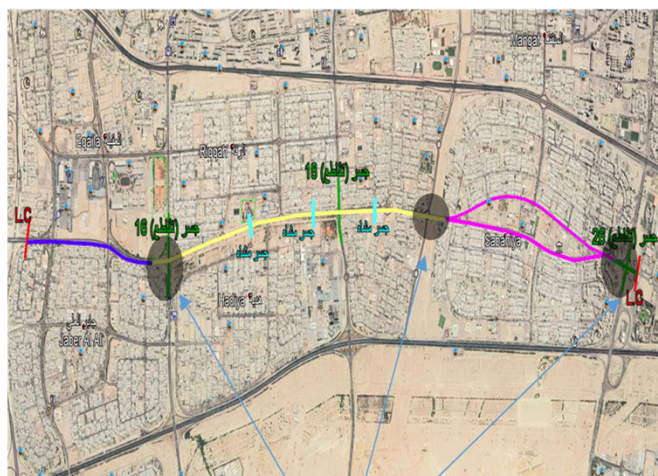
## 3.1 Executive summary of progress

مماكن الاعمال	ثانياً: أعمال الخدمات :		
	ZONE 1	أعمال تنفيذ حفر وتمديد وتغليف خطوط و تنزيل جاليات لشبكة الأمطر للتحويله جنوب الصباحية (J-26) -j25b	2-1
	ZONE 1	أعمال الكشف على الخدمات المتعاضة مع التحويله وعمل الحماية المناسبة لها وتسليمها إلى الجهة المختصة J26	2-2
	ZONE 2	أعمال شبكة خطوط صرف الأمطر المقترحة في (منطقة الصباحية) J25	2-3
	ZONE 4	أعمال تدعيم الحفر shoring لجوانب الحفر الخصب بأعمال مجرور مياه الأمطر في منطقة الصباحية	2-4
	ZONE 4	اعمال تجديدو اعدلة تأهيل خطوط الجاليات بين قاطع 21 و قاطع 25	2-5
	ZONE 4	أعمال إنشاء مجرور مياه صرف الأمطر الجديد في منطقة الصباحية وإزالة المجرور القديم	2-6
	ZONE 4	عمل جسات موقعية للكشف على الخدمات المتعاضة مع مسار التحويله المؤقتة وعمل اللارم لحمايتها	2-7
	ZONE 4	أعمال تسوية ونظافة الموقع وتجميع الأنقاض المتعاضة لمسار التحويله المؤقتة J16	2-8
	ZONE 4	أعمال إنشاء مجرور مياه صرف الأمطار منطقة العقيلة	2-9
	ZONE 4	أعمال إنشاء مجرور مياه صرف الأمطار منطقة العقيلة	2-10
	اعمال المجرور J25-مجرور صرف مياة الامطار J25 -اعمال التدعيم وسند جوانب الحفر لمجرور صرف مياة الامطار	2-10	

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 3.1 Executive summary of progress

### لماكن الاعمال



### BRIDGE WORK

أعمال الجسور

### ثالثا : أعمال الجسور :

3-1	إنهاء أعمال جسات لفحص التربة بالتحويلة في تقاطع J16
3-2	البدء بأعمال الخويزيق الاختبار الخصة في تقاطع J16
3-3	أعمال خويزيق الخصة في تقاطع J26
3-4	اعمال قواعد الخويزيق في تقاطع J26

### رابعا : أعمال شبكة الكهرباء :

5-1	تثبيت عدد 24 أعمدة إنارة بالتحويلة رقم J16
5-2	نقل عدد 24 عمود

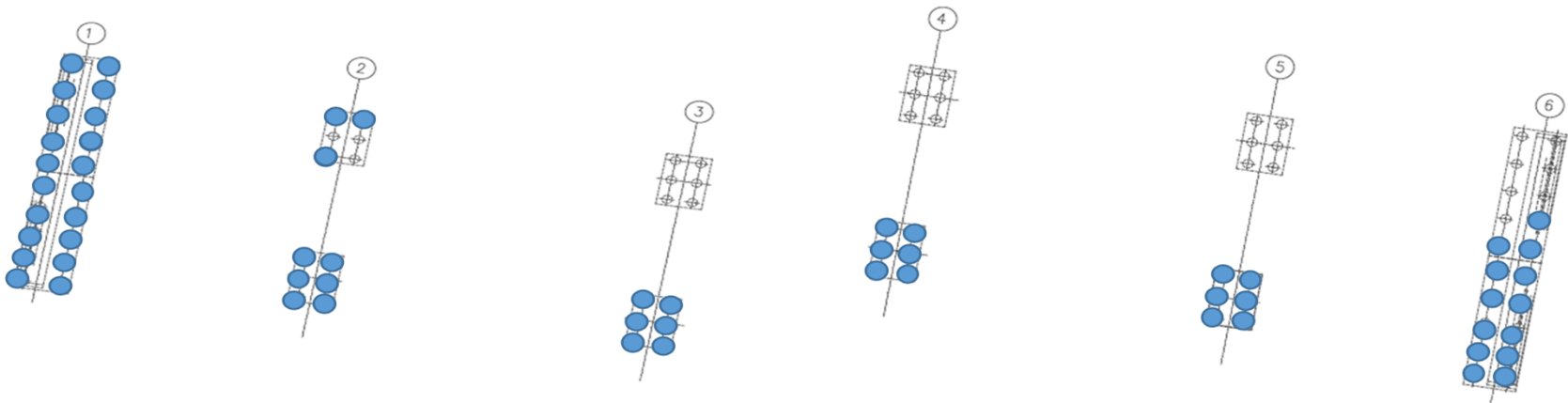
### خامسا : أعمال المرور :

6-1	تم توريد الحواجز الخرسانية ورضهم للتحويلة الجنوبية J26 لمن قطاع (1+300 الى 0+670)
6-2	تم رفع لوحة علامات مرورية عند قطاع 1+300 للتحويلة الجنوبية J26 وذلك لإعادة تركيبها في مكان آخر بالتحويلة .
6-3	تم توريد الأسهم الضوئية واللوحات المرورية للتحويلة الجنوبية J26 وتم تركيبها

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 3.1 Executive summary of progress

### BRIDGE WORK



Piles	1	2	3	4	5	6	TOTAL	%
No. Of Piles/Axis	20	12	12	12	12	20	<b>88</b>	<b>68.18%</b>
ACTUAL No. Of Piles/Axis	20	9	6	6	6	13	<b>60</b>	
Pile Cap Dim.	30.8X6.2	7.8X5.4	7.8X5.4	7.8X5.4	7.8X5.4	30.8X6.2	<b>550.4</b>	
Pile Cap Dim.							<b>0</b>	

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 3.1 Executive summary of progress

### STORM WATER

DIA	TOTAL LENGTH	TOTAL WORK DONE	%
400mm	6880.72	382.8	6%
500mm	2133.91	240.9	11%
600mm	1360.53	42.51	3%
800mm	365.49	0	0%
900mm	189.8	0	0%
1200mm	96.35	96.39	100%
1400mm	215.21	57.96	27%
1600mm	636.11	38.28	6%
1800mm	1211.92	0	0%
2000mm	413.63	0	0%
<b>TOTAL</b>	<b>13503.67</b>	<b>858.84</b>	<b>6%</b>

Description	TOTAL	TOTAL WORK DONE	%
Excavation	4773	3182	67%
Blinding	50575	31308	62%
Blinding Insulation	673	385	57%
Reinforcement of Raft	21	12	57%
Casting RC Raft	283	162	57%
Formwork of Walls & Slab	21	8	38%
Reinforcement of Walls & Slab	21	8	38%
Casting RC Walls & Slab	660	251	38%
Walls & Slab External Insulation	2280	434	19%
Backfilling to TOP OF SLAB	1360	0	0%



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 3.1 Executive summary of progress

جدول التدفقات النقدية كامل المشروع

Month	Early Cash Flow				Late Cash Flow				Actual	
	Early Cost / Monthly		Cum Early Cost		Late Cost / Monthly		Cum Late Cost		Cum Late Cost	Cum Late Cost
	Amount (KQ)	%	Amount (KQ)	%	Amount (KQ)	%	Amount (KQ)	%	Amount (KQ)	%
Jun-21	-	0.00%	-	0.00%	-	0.00%	-	0.00%	0.000	0.00%
Jul-21	2,384.11	0.00%	2,384.11	0.00%	-	0.00%	-	0.00%	0.000	0.00%
Aug-21	21,035.55	0.04%	23,419.66	0.04%	14,981.00	0.03%	14,981.00	0.03%	0.000	0.00%
Sep-21	179,543.26	0.29%	196,962.92	0.33%	160,133.93	0.27%	175,114.93	0.29%	0.000	0.00%
Oct-21	203,021.01	0.34%	399,983.93	0.67%	199,490.46	0.33%	374,605.39	0.63%	692,882.315	1.16%
Nov-21	222,687.06	0.37%	622,670.99	1.04%	213,924.04	0.36%	588,529.43	0.98%	1,450,674.359	2.43%
Dec-21	289,354.27	0.48%	912,225.26	1.53%	188,281.55	0.31%	776,810.98	1.30%	2,235,193.353	3.74%
Jan-22	933,863.38	1.50%	1,846,088.64	3.03%	366,236.82	0.61%	1,143,047.80	1.91%	3,379,366.358	5.65%
Feb-22	3,314,341.62	5.54%	5,160,430.26	8.63%	1,785,060.67	2.99%	2,928,108.47	4.90%		0.00%
Mar-22	4,187,742.18	7.01%	9,348,172.44	15.64%	2,920,309.26	4.89%	5,848,417.73	9.78%		0.00%
Apr-22	2,103,177.51	3.32%	11,451,349.95	19.16%	1,820,746.79	3.05%	7,669,164.52	12.83%		0.00%
May-22	2,989,036.01	5.00%	14,440,385.96	24.16%	1,929,668.59	3.23%	9,598,833.11	16.06%		0.00%
Jun-22	2,519,402.80	4.21%	16,959,788.76	28.37%	2,499,008.42	4.18%	12,097,841.53	20.24%		0.00%
Jul-22	2,102,709.83	3.52%	19,062,498.59	31.89%	1,249,570.43	2.09%	13,347,411.96	23.33%		0.00%
Aug-22	2,948,648.62	4.89%	22,010,947.21	36.82%	1,850,331.41	3.10%	15,197,743.37	26.42%		0.00%
Sep-22	2,606,747.80	4.38%	24,617,695.01	41.38%	2,725,016.51	4.55%	17,922,759.88	29.98%		0.00%
Oct-22	2,594,637.95	4.30%	27,212,332.96	45.32%	2,304,515.75	3.85%	20,227,275.63	33.84%		0.00%
Nov-22	2,428,345.80	4.08%	29,640,678.76	49.38%	2,586,777.56	4.33%	22,814,053.19	38.16%		0.00%
Dec-22	1,897,680.50	3.17%	31,538,359.26	52.67%	1,869,526.85	3.13%	24,683,580.04	41.29%		0.00%
Jan-23	1,637,688.33	2.74%	33,176,047.59	55.39%	2,293,437.63	3.84%	26,977,017.67	45.13%		0.00%
Feb-23	2,008,313.97	3.39%	35,184,361.56	58.86%	2,355,627.83	3.94%	29,332,645.50	49.77%		0.00%
Mar-23	2,619,372.14	4.38%	37,803,733.70	63.24%	3,129,961.29	5.34%	32,462,606.79	54.30%		0.00%
Apr-23	3,364,359.61	5.63%	41,168,093.31	68.87%	2,648,850.90	4.43%	35,111,457.69	58.73%		0.00%
May-23	3,243,239.34	5.43%	44,412,332.65	74.29%	2,155,097.89	3.61%	37,266,555.58	62.34%		0.00%
Jun-23	2,883,181.21	4.82%	47,295,513.86	79.12%	2,098,570.54	3.51%	39,365,126.12	65.83%		0.00%
Jul-23	2,897,628.64	4.83%	50,193,142.50	83.96%	2,628,832.92	4.40%	41,993,959.04	70.23%		0.00%
Aug-23	1,931,012.99	3.23%	52,123,955.49	87.19%	2,536,096.02	4.38%	44,530,055.06	74.49%		0.00%
Sep-23	1,000,470.38	1.67%	53,124,425.87	88.87%	2,193,531.76	3.67%	46,723,586.82	78.16%		0.00%
Oct-23	1,748,100.54	2.92%	54,872,526.41	91.79%	1,731,042.88	2.90%	48,454,629.70	81.05%		0.00%
Nov-23	1,050,310.10	1.70%	55,922,836.51	93.55%	1,833,625.17	3.07%	50,288,254.87	84.12%		0.00%
Dec-23	1,503,883.10	2.52%	57,426,719.61	96.06%	1,999,036.57	3.34%	52,287,291.44	87.47%		0.00%
Jan-24	1,433,190.94	2.40%	58,859,910.55	98.46%	1,848,223.55	3.09%	54,135,514.99	90.56%		0.00%
Feb-24	487,715.16	0.82%	59,347,625.71	99.28%	2,988,007.54	5.00%	57,133,522.53	95.56%		0.00%
Mar-24	222,953.71	0.37%	59,570,579.42	99.65%	675,770.73	1.13%	57,799,293.26	96.69%		0.00%
Apr-24	202,719.14	0.34%	59,773,298.56	99.99%	1,368,927.11	2.29%	59,168,220.37	98.98%		0.00%
May-24	5,779.09	0.01%	59,779,077.65	100.00%	399,103.92	0.67%	59,567,324.29	99.64%		0.00%
Jun-24	1,362.35	0.00%	59,780,440.00	100.00%	212,675.71	0.36%	59,780,000.00	100.00%		0.00%

## Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

### 3.2 Dashboard & drawing

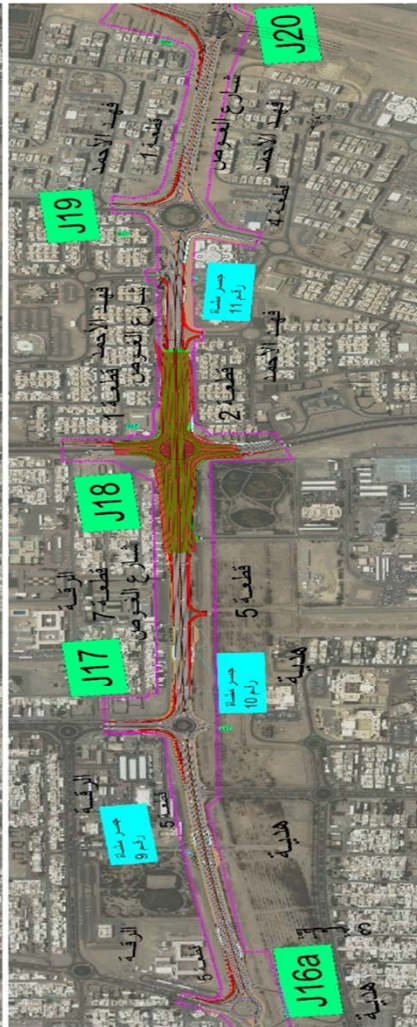
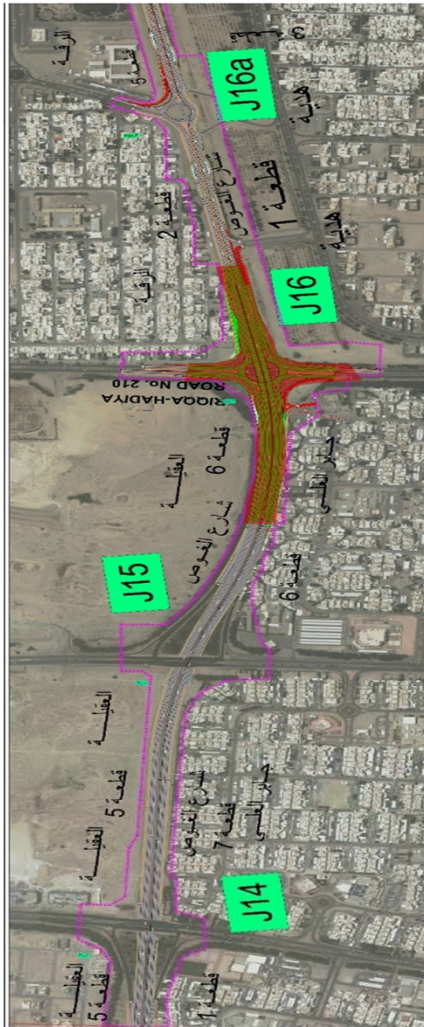


TYPE OF WORK		%
DIVISION 01	General Requirements	42.57%
DIVISION 02	Existing Conditions	0.00%
DIVISION 03	Concrete	0.02%
DIVISION 07	Thermal and Moisture Protection	0.04%
DIVISION 26	Electrical	0.41%
DIVISION 31	Earth Work	20.59%
DIVISION 32	Exterior Improvements	0.01%
DIVISION 33	Utilities	4.71%
DIVISION 34	Transportation Division	0.00%
DIVISION 44	Pollution Control Equipment	30.00%

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 3.2 Dashboard & drawing

### PROGRESS



DETOUR WORK & BRIDGE WORK

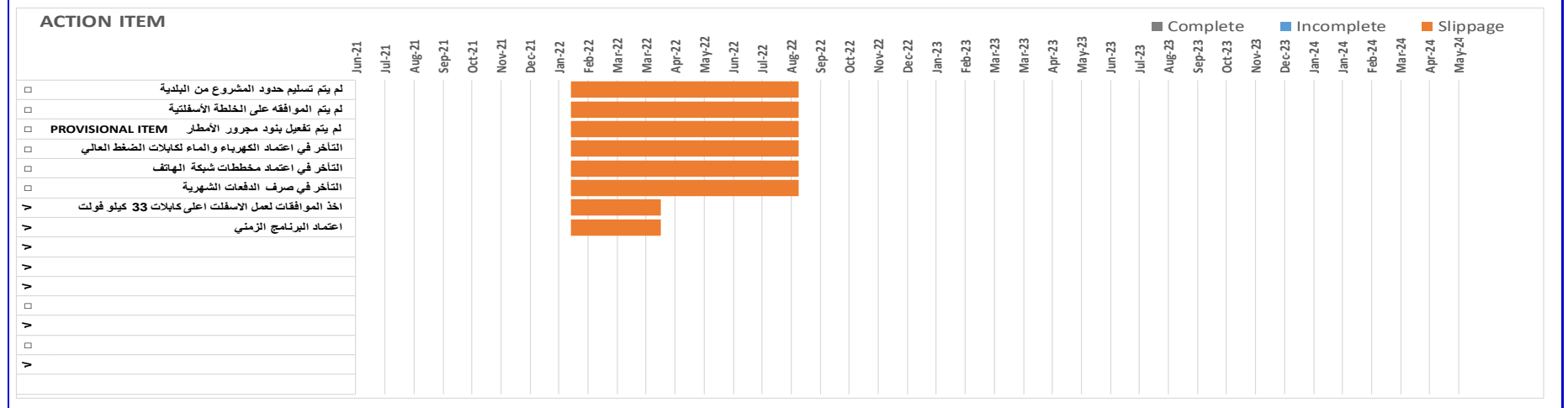
STORM WATER WORK



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 3.2 Issues effect progress

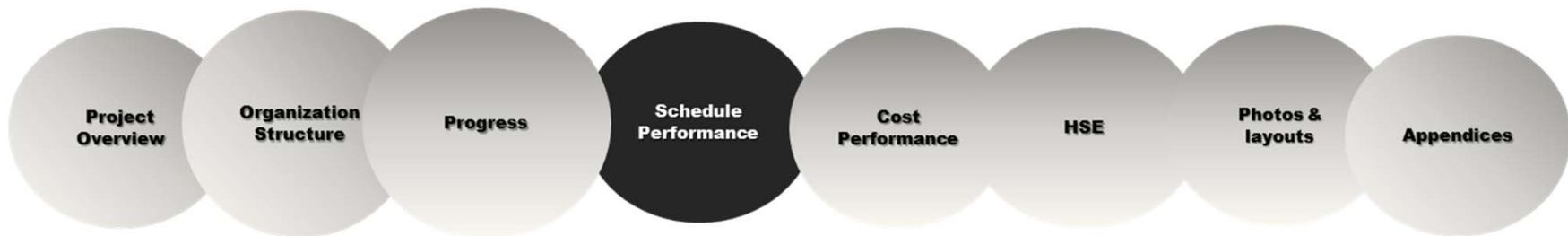
STATUS	TASK	PRIORITY	START	PLANNED START	PLANNED FINISH	% COMPLETE	ACTION BY	NOTE
<input type="checkbox"/>	لم يتم تسليم حدود المشروع من البلدية	HIGH	10/06/2021	10/06/2021	16/01/2022	25%	Authorities approvals	
<input type="checkbox"/>	لم يتم الموافقة على الخطة الأسفلتية	HIGH	10/06/2021	10/06/2021	16/01/2022	50%	MPW	
<input type="checkbox"/>	لم يتم تفعيل بنود مجرور الأمطار PROVISIONAL ITEM	HIGH	10/06/2021	10/06/2021	16/01/2022	50%	MPW	
<input type="checkbox"/>	التأخر في اعتماد الكهرباء والماء لكابلات الضغط العالي	HIGH	10/06/2021	10/06/2021	16/01/2022	50%	Authorities approvals	
<input type="checkbox"/>	التأخر في اعتماد مخططات شبكة الهاتف	HIGH	10/06/2021	10/06/2021	16/01/2022	50%	Authorities approvals	
<input type="checkbox"/>	التأخر في صرف الدفعات الشهرية	HIGH	10/06/2021	10/06/2021	16/01/2022	50%	MPW	
<input checked="" type="checkbox"/>	أخذ الموافقات لعمل الإسفلت أعلى كابلات 33 كيلو فولت	HIGH	03/10/2021	03/10/2021	29/12/2021	50%	Authorities approvals	
<input checked="" type="checkbox"/>	اعتماد البرنامج الزمني	LOW	03/10/2021	03/10/2021	29/12/2021	50%	CONTRACTOR	





# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

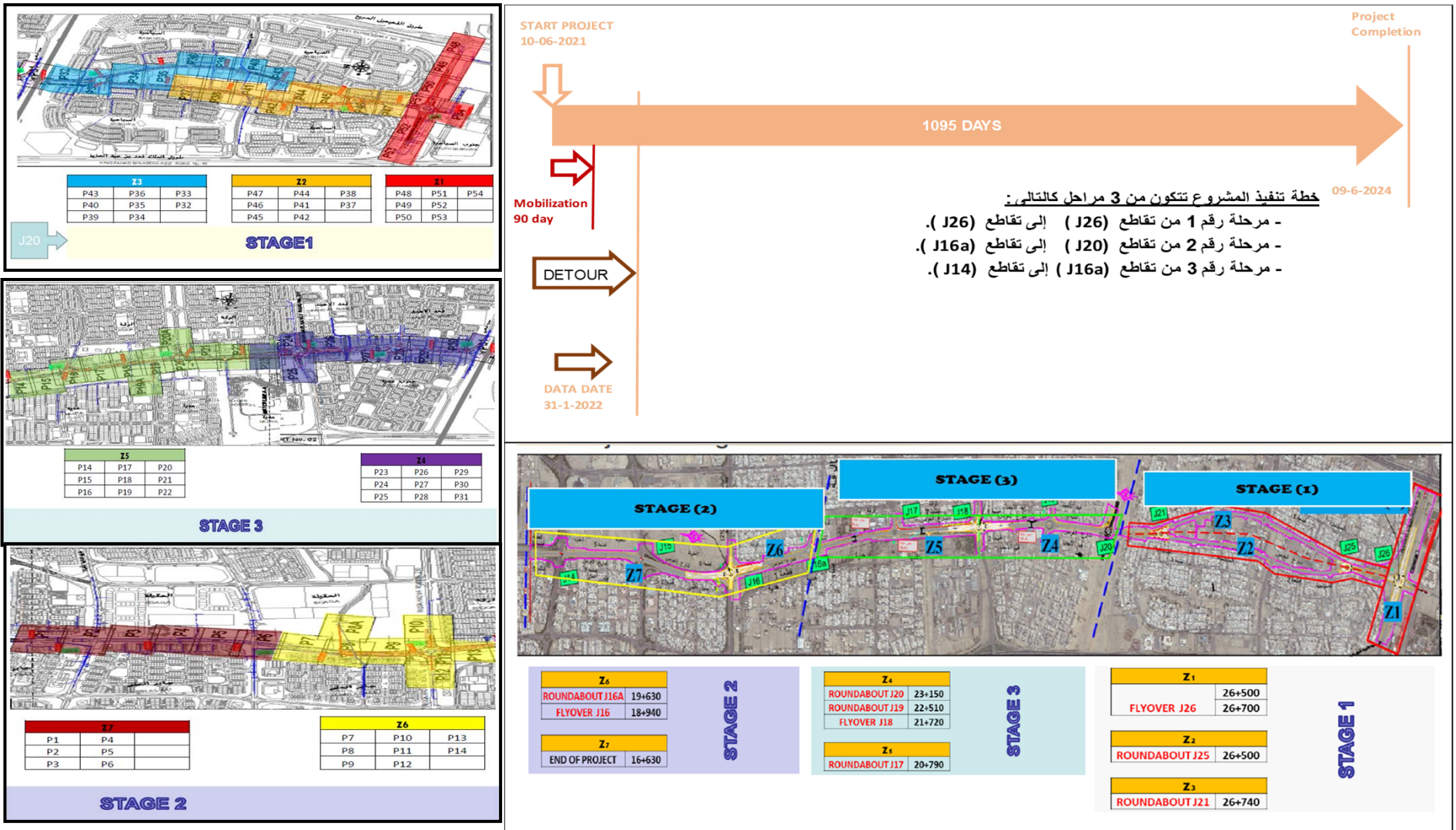
## 4. Schedule Performance



- 4.1 Time Line
- 4.2 Progress Charts
- 4.3 Milestone summary
- 4.3 Contractor's Construction Schedule (CCS ) Update
- 4.4 Critical path
- 4.5 Look ahead
- 4.6 Manpower Histogram
- 4.7 Equipment Histogram

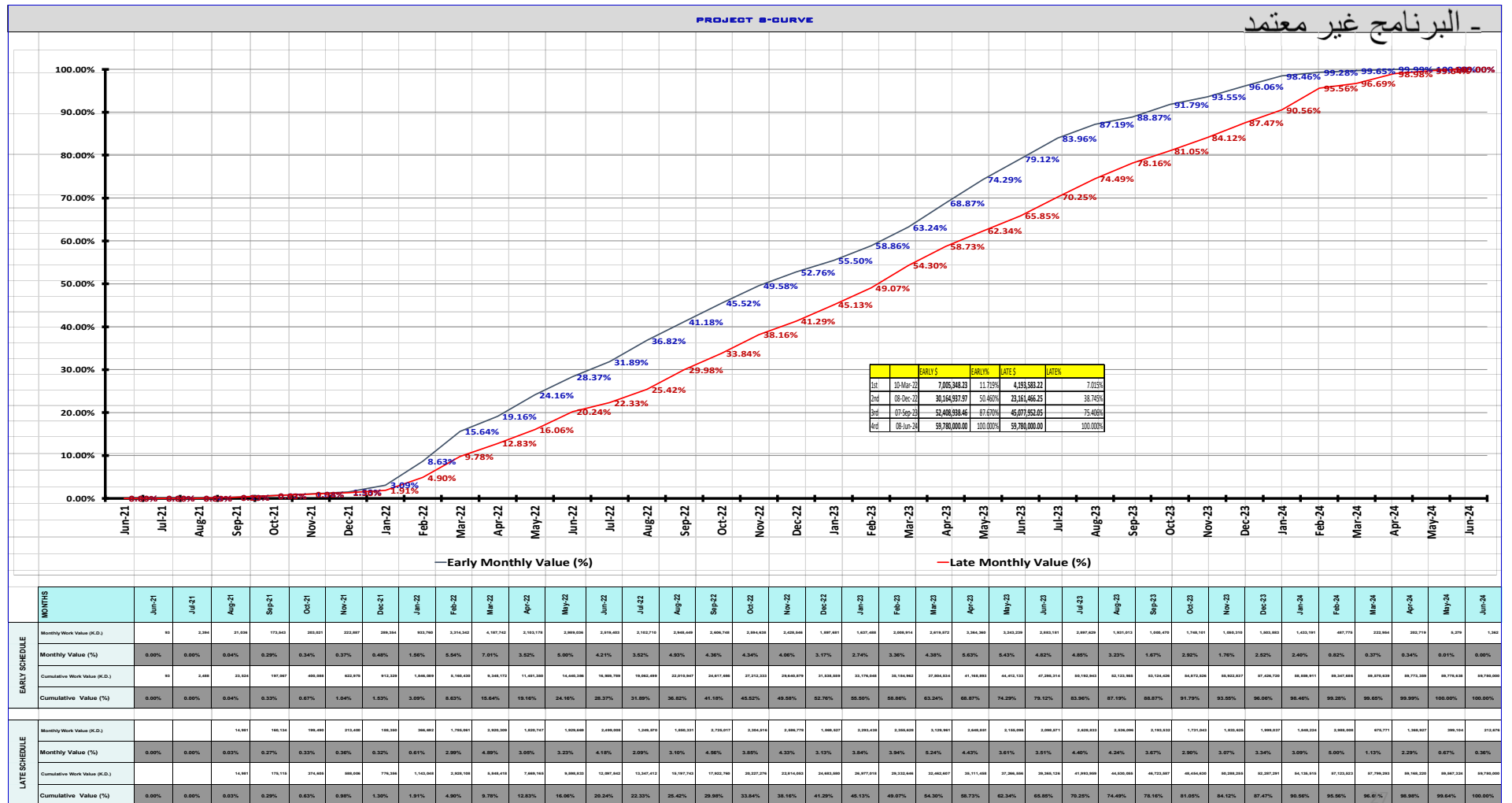
# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 4.1 Time Line



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 4.2 Progress Charts- S-curve







## Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

### 4.3 Milestone summary

- **Contractual Milestone**

- Start Date 10/06/2021
- Mobilization Date 08/09/2021
- Finish date 09/06/2024

- The Schedule will detailed all Time Frame for trades of Project

- تم تقديم البرنامج الزمني للمشروع ( Baseline Schedule ) في تاريخ 13/6/2021 طبقا للخطاب رقم ( 2021/ku/054 ) وتم رفضه.
- تم إعادة تقديم البرنامج الزمني للمشروع ( Baseline Schedule ) في تاريخ 12/9/2021 طبقا للخطاب رقم (KAC/AGR/RA/0044/2021) وتم رفضه.
- تم إعادة تقديم البرنامج الزمني للمشروع ( Baseline Schedule ) في تاريخ 24/10/2021 طبقا للخطاب رقم (KAC/AGR/RA/0087/2021) وجاري مراجعته.

Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

4.4 Contractor's Construction Schedule (CCS ) Update

**ATTACHED -1**

Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

4.4 LOOK AHEAD

**ATTACHED -2**



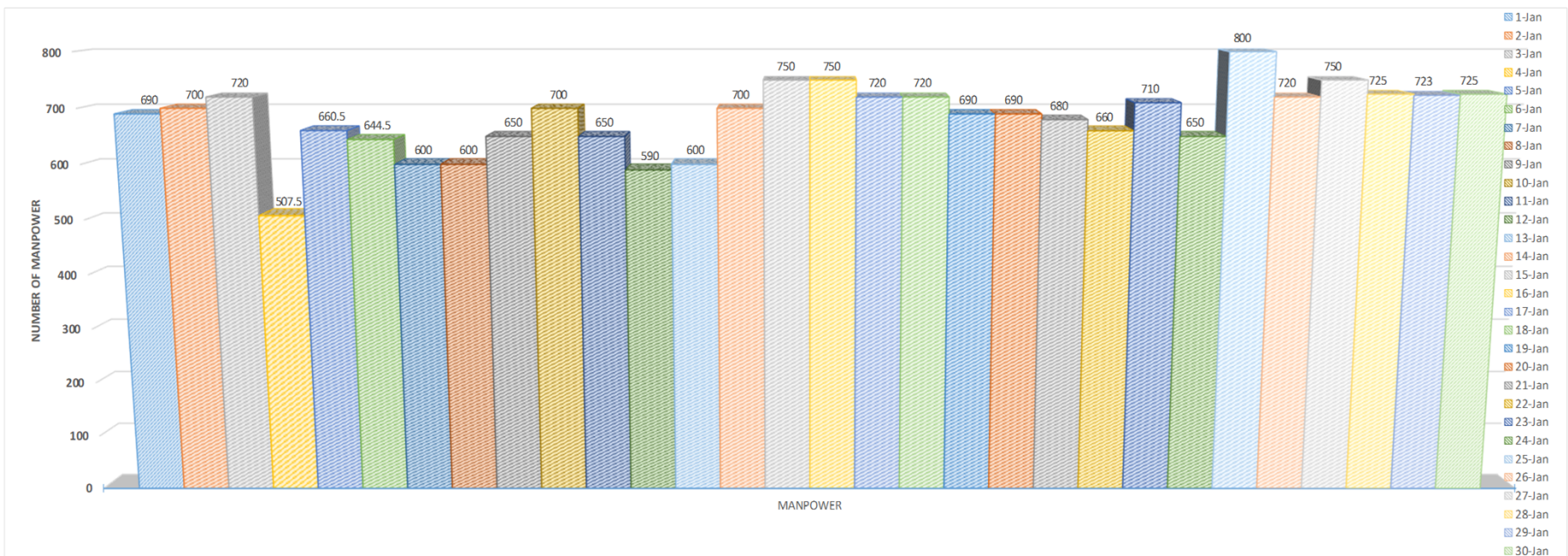


# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 4.6 Manpower & Equipment

General histogram for Manpower

	1-Jan	2-Jan	3-Jan	4-Jan	5-Jan	6-Jan	7-Jan	8-Jan	9-Jan	10-Jan	11-Jan	12-Jan	13-Jan	14-Jan	15-Jan	16-Jan	17-Jan	18-Jan	19-Jan	20-Jan	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan	26-Jan	27-Jan	28-Jan	29-Jan	30-Jan	average
MANPOWER	690	700	720	507.5	660.5	644.5	600	600	650	700	650	590	600	700	750	750	720	720	690	690	680	660	710	650	800	720	750	725	723	725	683

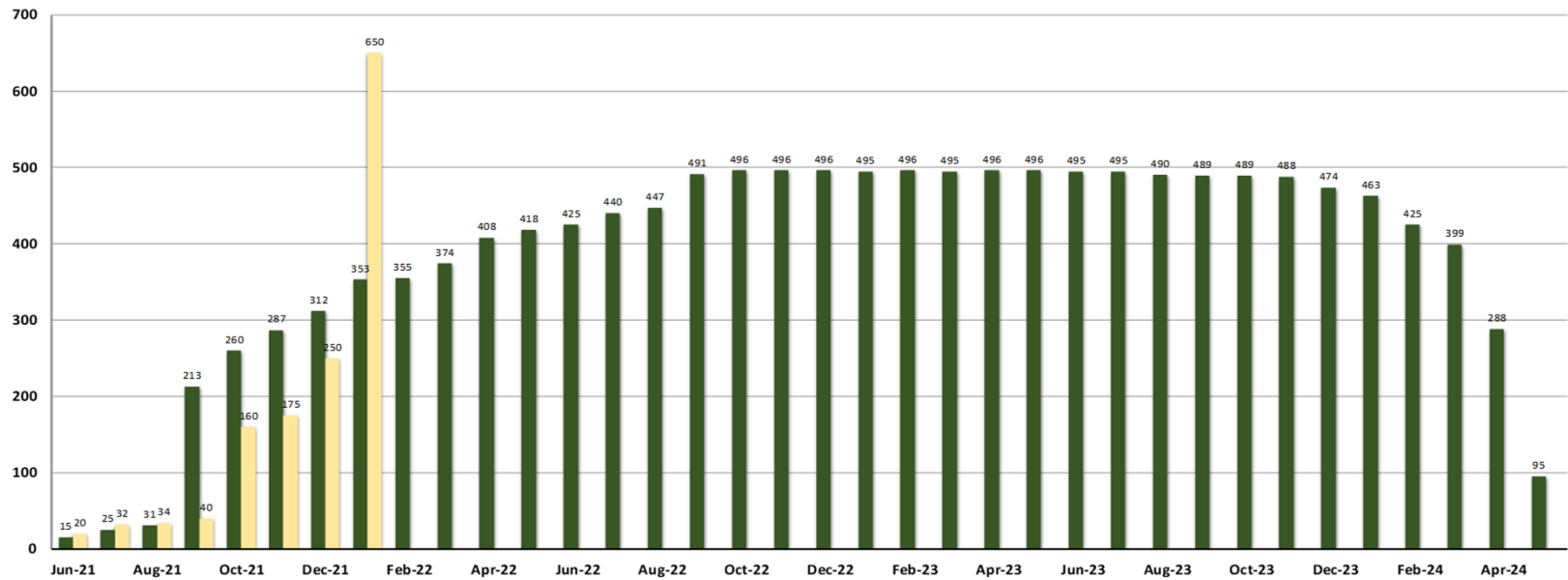


# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 4.6 Manpower & Equipment

Manpower Histogram

AVERAGE MANPOWER



Summary Resource Manpower

DATE	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24
AVERAGE MANPOWER	15	25	31	213	260	287	312	353	355	374	408	418	425	440	447	491	496	496	496	495	496	495	496	496	495	495	490	489	489	488	474	463	425	399	288	95
Actual	20	32	34	40	160	175	250	650																												

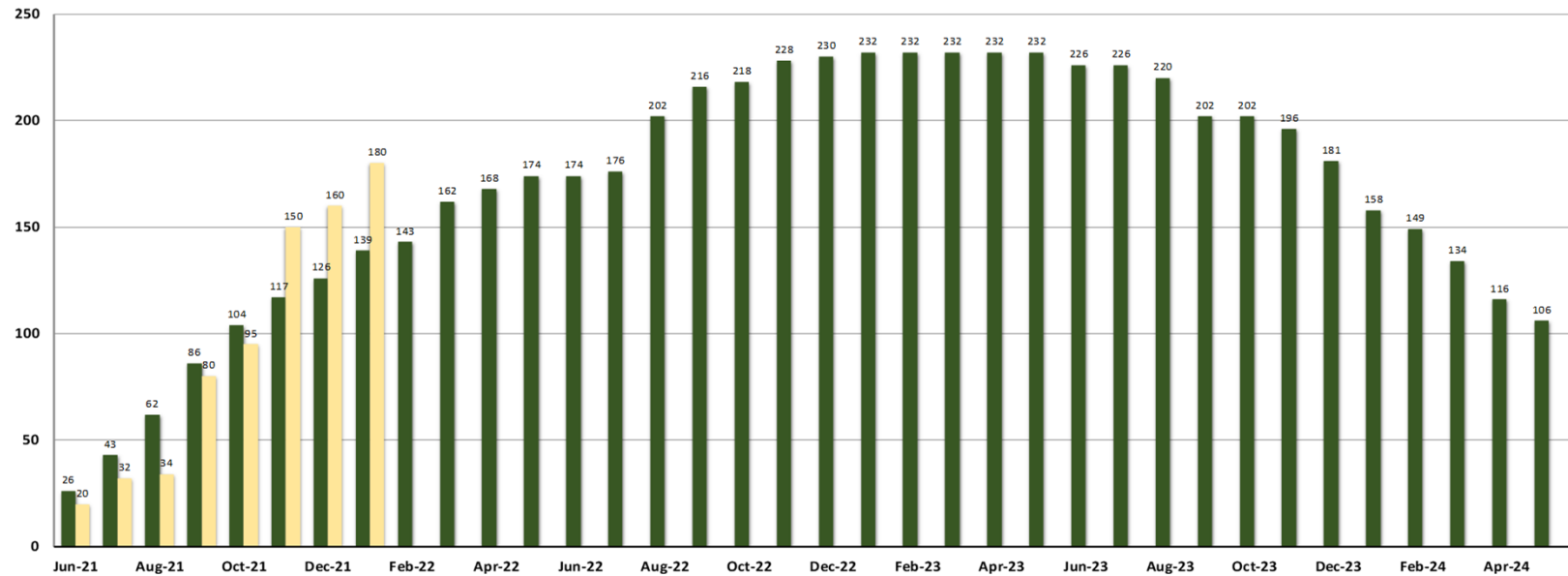


# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 4.6 Manpower & Equipment

Equipment Histogram

AVERAGE EQUIPMENT



Summary Resource Equipment

DATE	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	
AVERAGE MANPOWER	26	43	62	86	104	117	126	139	143	162	168	174	174	176	202	216	218	228	230	232	232	232	232	232	226	226	220	202	202	196	181	158	149	134	116	106	
Actual	20	32	34	80	95	150	160	180																													

## Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

### 4.6 Manpower & Equipment

مدة العمل	العدد	بيان الآليات	م
حسب الحاجة	1	مصنع مركزي للخلطات الإسفلتية للخلطات 80-120 طن/س	1
حسب الحاجة	2	فراشة اسفلتية كاملة التحكم الأوتوماتيكي	2
حسب الحاجة	2	رشاش ميكانيكي للقرار السائل	3
حسب الحاجة	2	آلة تسوية ميكانيكية	4
حسب الحاجة	2	مدحلة هزاز حديدية	5
حسب الحاجة	2	مدحلة حديدية	6
حسب الحاجة	2	مدحلة مطاوية	7
حسب الحاجة	4	مدحلة حديدية يدوية	8
حسب الحاجة	2	دكك	9
حسب الحاجة	2	رشاش مياه ميكانيكي	10
حسب الحاجة	3	لوري قلاب	11
حسب الحاجة	5	حفارة	12
حسب الحاجة	1	رافعة 30طن	13
حسب الحاجة	1	رافعة 50 طن	14
حسب الحاجة	1	رافعة 400 طن	15



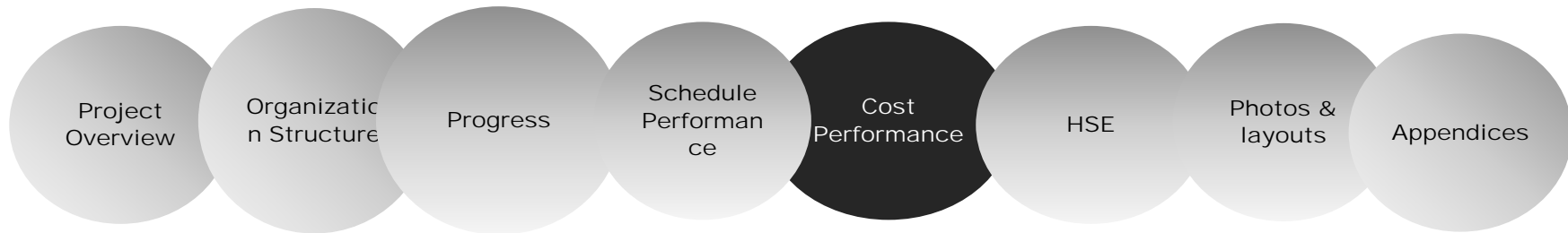
## Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

### 4.6 Manpower & Equipment

مدة العمل	العدد	بيان الآليات	م
حسب الحاجة	3	تنكر مياه	16
حسب الحاجة	4	تراكتور حفر ونقل	17
حسب الحاجة	5	قلاب	19
حسب الحاجة	4	هزاز خرسانة	20
حسب الحاجة	4	آلة ضاغطة مع مثقاب (كومبرسور)	21
حسب الحاجة	1	مصنع خلط خرسانة	22
حسب الحاجة	3	ناقلة خرسانة	23
حسب الحاجة	4	مولد كهربائي	24
حسب الحاجة	1	تريلة	25
حسب الحاجة	2	مضخة مياه 4 انش	26
حسب الحاجة	2	مضخة مياه 6 انش	27
حسب الحاجة	3 مجموعات	مجموعة سحب مياه بطريقة الإبر	28
حسب الحاجة	1 مجموعة	مجموعة أجهزة مساحة كاملة	29

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

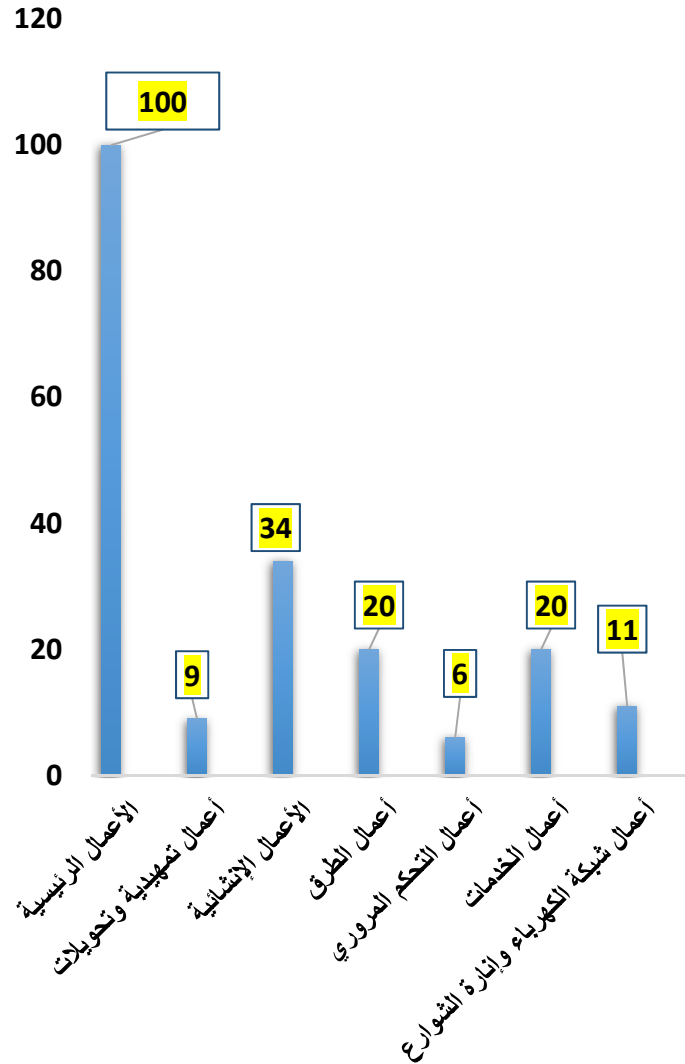
## 5. Cost Performance



- 5.1 BOQ Breakdown
- 5.2 Payment Status
- 5.3 Variations status
- 5.4 Status To Date For Contract B.O.Q Sections

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 5.1 BOQ Breakdown

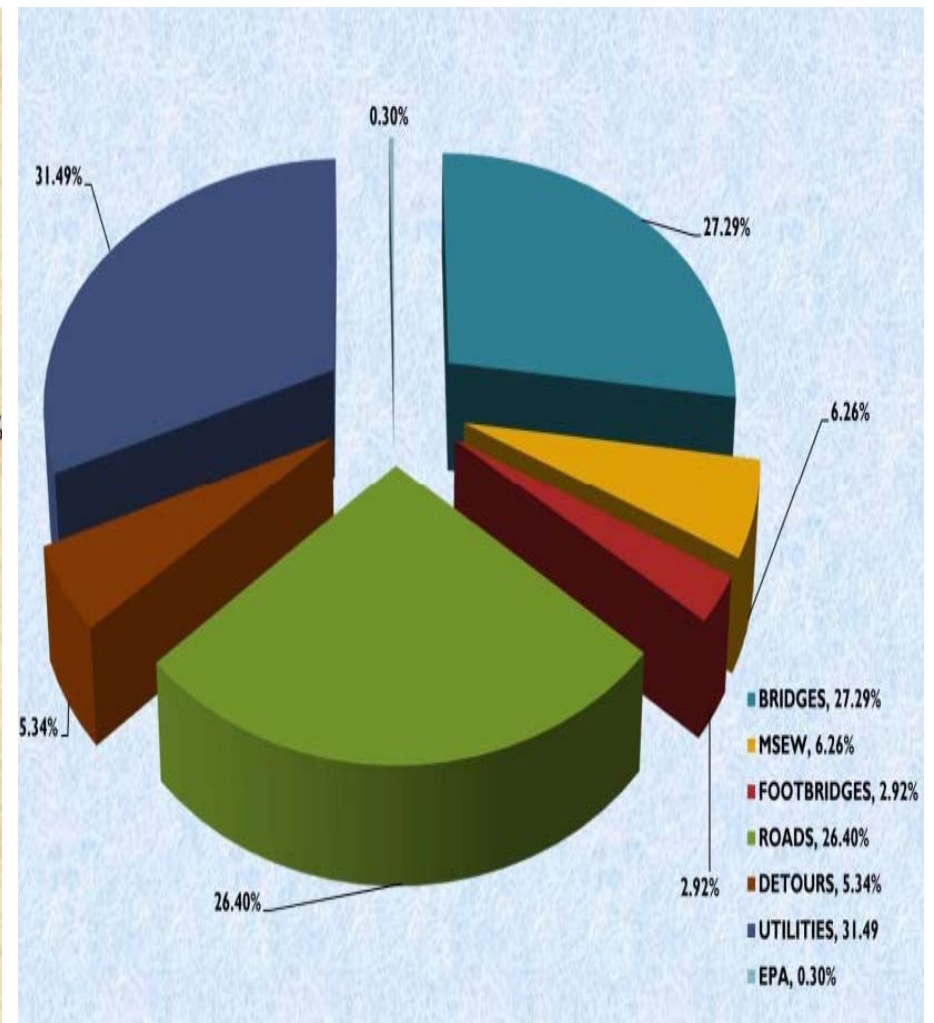
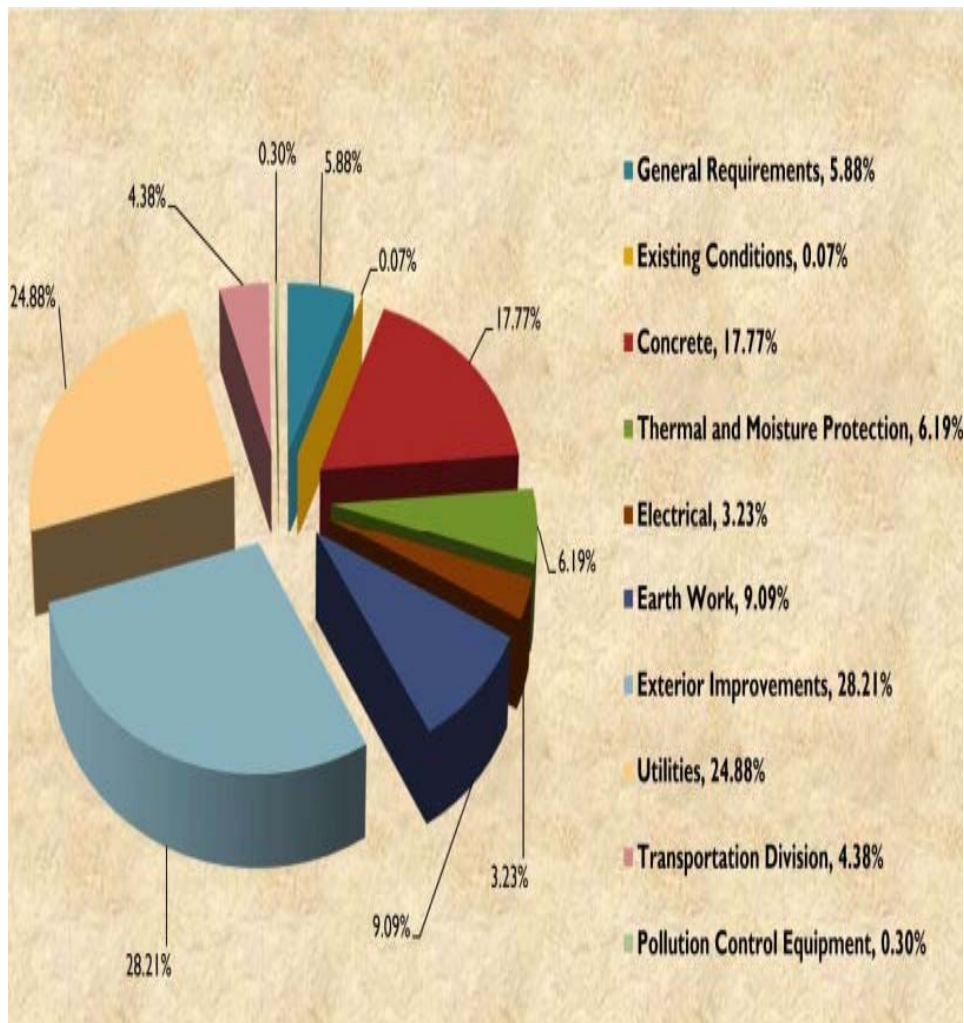


### • - الأعمال الرئيسية :

- \* أعمال تمهيدية وتحويلات %9
- \* الأعمال الإنشائية %34
- \* أعمال الطرق %20
- \* الأعمال التحكم المروري %6
- \* أعمال الخدمات %20  
( شبكة المياه العذبة -شبكة المياه المعالجة- شبكة الصرف الصحي  
- شبكة صرف الأمطار -شبكة الري- شبكة الهاتف)
- \* أعمال شبكة الكهرباء وإنارة الشوارع %11

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 5.1 BOQ Breakdown



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 5.2 Payment Status

Payment Log

م	رقم الشهادة	تاريخ التقديم	عن شهر	الاعمال المنجزة خلال الشهر	الاعمال تراكمي	قيمة 80% من المواد	قيمة الشهادة	تاريخ الصرف
1	الدفعة الأولى = (5%) من قيمة الدفعة المقدمة	12/7/2021		0.000	0.000	0.000	2,989,000.000	19/9/2021
2	الدفعة الثانية = (5%) من قيمة الدفعة المقدمة							
3	الدفعة 1	7/11/2021	10/2021	692,882.815	692,882.815	23,196.288	572,863.282	
4	الدفعة 2	12/12/2021	11/2021	757,791.544	1,450,674.359	42,537.612	640,263.325	
5	الدفعة 3	12/1/2022	12/2021	784,518.994	2,235,193.353	54,471.840	671,192.668	
6	الدفعة 4							
7	الدفعة 5							
8	الدفعة 6							
9	الدفع 7							
10	الدفعة 8							
11	الدفعة 9							
12	الدفعة 10							
13	الدفعة 11							
14	الدفعة 12							
15	الدفعة 13							
16	الدفعة 14							
17	الدفعة 15							
18	الدفعة 16							
19	الدفعة 17							
20	الدفعة 18							
21	الدفعة 19							42



## Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

### 5.2 Payment Status

22	الدفعة 20								
23	الدفعة 21								
24	الدفعة 22								
25	الدفعة 23								
26	الدفعة 24								
27	الدفعة 25								
28	الدفعة 26								
29	الدفعة 27								
30	الدفعة 28								
31	الدفعة 29								
32	الدفعة 30								
33	الدفعة 31								
34	الدفعة 32								
35	الدفعة 33								
36	الدفعة 34								
37	الدفعة 35								
38	الدفعة 36								
39	الدفعة 37								
40	الدفعة 38								
41	الدفعة 39								
إجمالي الدفعات				2,235,193.353		120,205.740	4,873,319.275		

## Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

### 5.3 Variations status

VP	VO	Description	Status	Proposal (K.D)	Status Date	Approved (K.D)	Comments

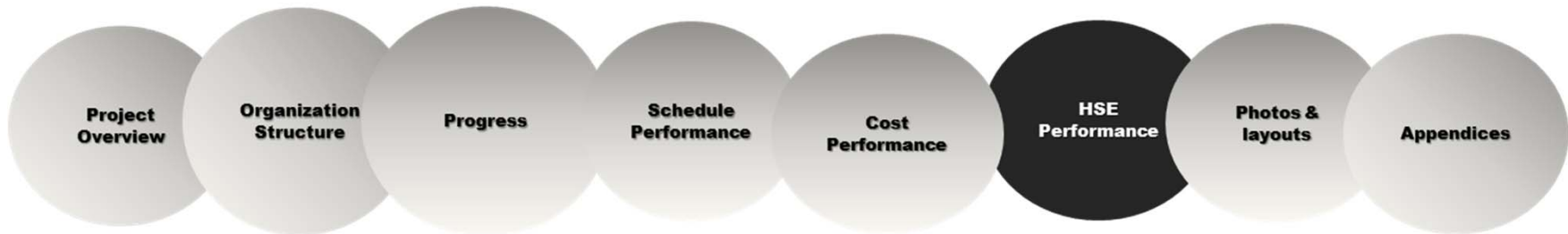
## Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

### 5.4 Status To Date For Contract B.O.Q Sections

<b>MAIN SUMMARY</b>						
B.O.Q. Section		Amount K.D	AMOUNT DUE			%
			Previous	Current	Total	
DIVISION 01	General Requirements	3,512,500.000	1,140,422.000	354,895.500	1,495,317.500	42.57%
DIVISION 02	Existing Conditions	43,305.000	0.000	0.000	0.000	0.00%
DIVISION 03	Concrete	10,620,474.840	0.000	2,603.853	2,603.853	0.02%
DIVISION 07	Thermal and Moisture Protection	3,700,676.495	0.000	1,426.800	1,426.800	0.04%
DIVISION 26	Electrical	1,929,611.635	2,070.785	5,780.225	7,851.010	0.41%
DIVISION 31	Earth Work	5,435,857.890	684,563.318	434,841.533	1,119,404.851	20.59%
DIVISION 32	Exterior Improvements	16,866,727.850	0.000	1,583.890	1,583.890	0.01%
DIVISION 33	Utilities	14,874,047.690	358,637.250	341,881.054	700,518.304	4.71%
DIVISION 34	Transportation Division	2,616,798.600	0.000	0.000	0.000	0.00%
DIVISION 44	Pollution Control Equipment	180,000.000	49,500.000	4,500.000	54,000.000	30.00%
ADDITION	ADDITION ITEMS	0.000	0.000	0.000	0.000	
OMMISION	OMMISION ITEMS	0.000	0.000	0.000	0.000	
<b>SUB - TOTAL KD.</b>		<b>59,780,000.000</b>	2,235,193.353	1,147,512.855	3,382,706.208	5.66%
<b>MATERIAL ON SITE</b>		<b>169,286.161</b>	120,205.740	15,223.189	135,428.929	
<b>GRAND TOTAL WITH MATERIAL</b>					<b>3,518,135.137</b>	<b>5.89%</b>

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 6. HSE Management



6.1 HSE Status

## Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

### 6.1 HSE Status

SRN	ITEM	THIS MONTH	ACCUMULATED
1	Manpower / ايام العمل	5327	12659
2	Actual Man-hours / ساعات العمل	42616	101272
3	Safe Man-hours / ساعات العمل الآمنه	42616	101272
4	Recordable Accidents / الحوادث	1	2
5	Lost Workday Cases / ايام عمل مفقوده	0	0
6	Fatality Case / حاله وفاه	0	0
7	Non-Lost Time Accident / حادث بدون وقت مفقود	1	1
8	Near Miss Incident / حاله كادت تؤدي الى حادث	0	0
9	First Aid Cases / حالات اسعافات اوليه	0	0
10	Safety Audit / مراجعه السلامه	0	0
11	Safety Meeting / Training / Toolbox/ الاجتماعات و التدريبات اليوميه	31	122
12	Safety Violation / Infringement / المخالفات	0	1
13	Penalties to Sub-contractors / مخالفات مقاول الباطن	1	3



## Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

### 6.1 HSE Status

#### • B.TRAINING / TOOL BOX MEETING:

DATE	TOPICS	ATTENDEES
continues	Safety Induction for Labors / المحاضرات التعريفية والاوليه للعمال	34
continues	Safety Induction For Staff / المحاضرات التعريفية بمخاطر الموقع للمهندسين و المراقبين	2 Engineer & 1 Foreman
Daily	Tool Box talks / الاجتماعات اليومية	31

#### C.INCIDENTS /ACCIDENTS:

Name of Injured / اسم المصاب	Description / الوصف	Location / الموقع	Date /
Ahmed Mohamed	Struck by Grader	J26	27/12/2021

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 6.1 HSE Status

### **HSE Activities for December 2021:**

- Concrete barriers for J26 detour ongoing
- Complete Traffic Precautions For Pile Test Works In J26
- Area Barricading for J26/J25//J21/J20/J16/J18 – Completed (continues monitoring and improvement)
- Safety Induction for all personnel – Ongoing
- Regular safety toolbox talks – conducted regularly
- Maintenance of Traffic protection for J26– Ongoing
- Maintenance of Traffic protection for J16 – Ongoing
- Traffic protection for all road side activities – ongoing
- Edge protection for all trial pits – installed and maintained daily
- Daily site safety monitoring – continues
- Achieved 27040 Man-hours

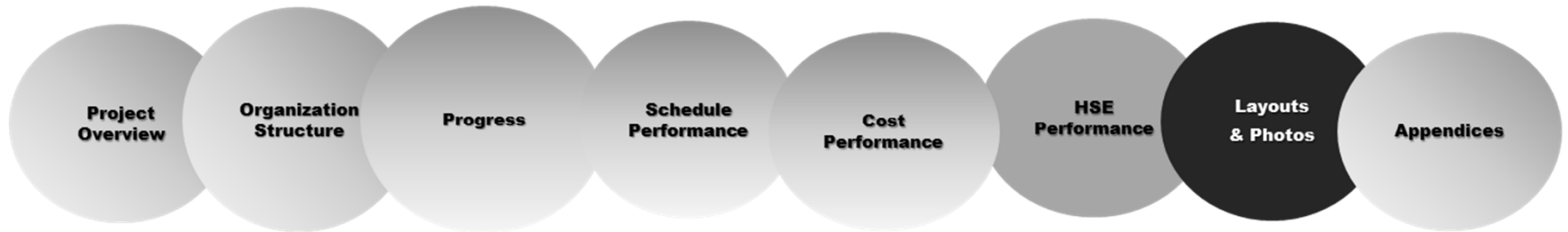
### **HSE Targets for January 2022:**

- Complete Traffic Precautions For Test Pile Works In J26
- Complete detour @ J26
- Safety Induction for new employees
- Increase frequency of toolbox talks
- Achieve 60,000 safe man-hours without lost time incident.

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 7.1 Progress Layouts

### 7. Progress Layouts & Photos



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 7.1 Progress Layouts



أعمال ساحة الصب وتشوينات لمواد المشروع بتقاطع 26



اعمال التحويلات المرورية بتقاطع (26)



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 7.1 Progress Layouts



أعمال الجسور-اعمال الخوازيق - بتقاطع 26



أعمال شبكة صرف مياة الأمطار بتقاطع 26



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 7.1 Progress Layouts



أعمال الخدمات - أعمال مجرور صرف مياة الأمطار  
بمنطقة الصباحية



أعمال الخدمات - شبكة مياة الأمطار - بتقاطع 25



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)



أعمال الخدمات- حفر مجرور صرف  
بمنطقة العقيلة



تقاطع 18



أعمال الخدمات - اعمال تطوير الجاليات  
بمنطقة الصباحية



أعمال سند جوانب الحفر لمجرور صرف الامطار  
بمنطقة الصباحية



# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 7.1 Progress Layouts



أعمال الخدمات- حفر مجرور صرف مياه الامطار  
بمنطقة العقيلة



اعمال اختبارات التربة - بتقاطع 18

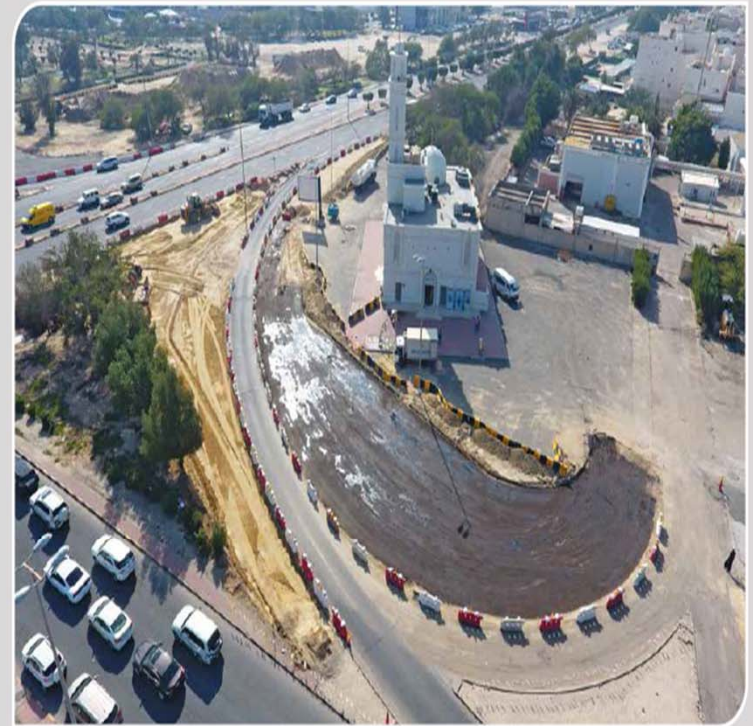


# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 7.1 Progress Layouts



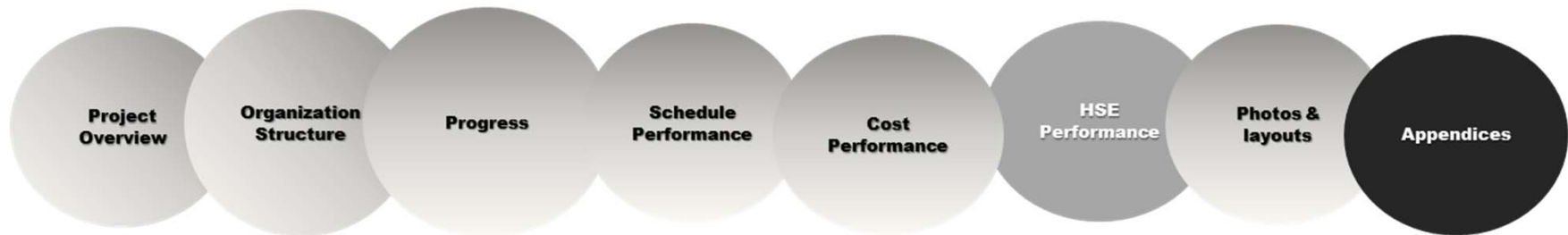
اعمال الترابية - لتجهيز التحويلة المرورية - بتقاطع 16



اعمال الأسفلت - تجهيز التحويلة المرورية - بتقاطع 16

# Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

## 8. Appendices



- 8.1 Overall Status for Submission
- 8.2 Material Log
- 8.3 shop drawing
- 8.4 Subcontractors Log



Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

8.1 Overall Status for Submission

**ATTACHED -3**

Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

8.2 Material Log

**ATTACHED -4**

Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

8.3 shop drawing

**ATTACHED -5**

Construction, Completion & Maintenance of Al-Ghouse Road From 7<sup>th</sup> Ring Road to Fahaheel Road (Road 212) (RA 265)

8.4 Subcontractors Log

**ATTACHED -6**

Thank  
you

