Construction, upgrading, rehabilitation and maintenance of roads and bridges to ensure a safe, efficient, sustainable and well co-ordinated transport management system

ENG. SAYED BADER ALAWI
Roads Projects & Maintenance Director
The Roads Projects & Maintenance Directorate supervises the construction and maintenance of the Kingdom’s road and bridge network through approved contractors. It evaluates the network capacity and is responsible for ensuring compliance with safety standards through a regular service and maintenance programme. The Directorate works to realise the national objective for using transportation as an instrument for economic development. To this end, particular attention is given to routes that link major developments and investments to other parts of the Kingdom, and to upgrading the strategic approach roads to neighbouring countries.

Also project management section was established to spread the skills and culture of this science and to contribute in improving project performance in terms of risk management, user management, human resource motivation and optimal utilization of financial resources. The Ministry has been always training its engineers in project management to have the skills of project managements along with their technical qualifications to meet the challenges and requirements for better implementation of projects.
Completed Projects
2018

Three (3) Lane Widening at Wali Al Ahed Highway - Phase 2
The aim of the project is to winding wali al-ahed highway to 3 lanes in each direction and improve all the junctions on it with a total roads length of 17.716 Km-lane, also the project includes construction of new storm water drainage, installation of street lighting, pavement block along the side of the highway and installation of traffic signage’s and road markings to provide safe drive and gives clear directions.
Contract Value (BD): 1,965,765.000
Start Date: 5/2/2017
Finish Date: 28/4/2018

JASRAH Grade Separated Interchange Reconfiguration - Phase 1: Stage 2A & Stage 2B (Blk 569, 577, 1001)
The project aims to construct loop with a total length of 400 meters from the north east side and connecting with sh. Isa bin salman highway from one side and aljasra area from the other. The project includes widening of sh. Isa bin salman highway to provide free movements on aljasra junction, construction of roundabout on almazrah highway to provide a new access to sh. Isa bin salman highway from those living in aljasra, street light and installation of traffic signage’s and road markings to provide safe drive and gives clear directions.
Contract Value (BD): 1,637,400.000
Start Date: 12/11/17
Finish Date: 22/9/18

Improve of Roads in Riffa Block 911
The project aims to reconstruct and improve the roads in riffa block 911 with a total length of roads reached 13 km-lanes. The project works include civil works, installation of street lights, drainage system, utilities works installation of traffic signage’s and road markings to provide safe drive and gives clear directions.
Contract Value (BD): 1,094,175.000
Start Date: 29/1/2017
Finish Date: 22/9/18
Shahrakkan Block 1044 Road 4457 & Environs

The project aims to construct and asphalt new roads in block 1044, road 4457 and the environs roads with total length of 772 meters. The project works include civil works, construction of drainage system, installation of street lights, utilities works, installation of traffic signage and road markings to provide safe drive and gives clear directions.

**Contract Value (BD):** 149,172,000

**Start Date:** 1/7/2018

**Finish Date:** 17/11/2018

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New Exit from Buri to Sh. Khalifa Bin Salman Highway

The aim of the project is to construct new exit from buri to Sh. Khalifa bin Salman highway parallel to the recently open access to buri where the project consists of excavation works, constructing concrete barrier that separate Sh. Khalifa bin Salman highway from the new exit, construct new storm water drainage, installation of traffic signage's and road markings to provide safe drive and gives clear directions.

**Contract Value (BD):** 429,000,000

**Start Date:** 22/7/18

**Finish Date:** 14/10/18

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Improvement of Mahzoorah Avenue/Estiglal Highway Junction-Block 939

The project aims to widen of mahzoorah avenue on the southern side to have 4 lanes at the stop line and increase the capacity of the left turn pocket lane to al estigalal highway. The works also include constriction of storm water drainage, protecting the existing utilities installation of street lights, installation of traffic signage’s and road markings to provide safe drive and gives clear directions.

**Contract Value (BD):** 66,000,000

**Start Date:** 4/7/2018

**Finish Date:** 13/11/18

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Sh. Jaber Al Ahmed Al Subah Highway Upgrade Project (Alba & Nuwaidrat Interchanges)

The project aims to reduce the traffic congestion at alba, nuwaidrat and the surrounded roads junction and also to increase the capacity at the junction. The project works include construction of junction with 3 levels; signalized junction at a low level, bridge with 3 lanes in each direction which will be transferring the traffic from alastiglal highway to king hamad highway and another bridge higher than the earlier mentioned bridge with 2 lanes which will be transferring the traffic from sh. Jaber alsobah highway to king hamad highway. Also the works include construction of junction at nuwaidrat with 2 levels; the first junction is signalized at low road level where the other is a bridge with 3 lanes transferring traffic along sh. Jaber alsobah. Further, works include widening of sh. Jaber alahmed alsobah highway, alastiglal, almuaskar and king hamad highways and also reconstructing avenue 15 from nuwaidrat roundabout and new dual road construction connecting almaamer area and king hamad highway from the south. Also, improvement of all roads accessing to refinery station, civil defence and bapco. Finally there are also other works that were included in the projects to enhance the traffic capacity and provide access to the other stakeholders properties such as ministry of housing projects and alhaffera areas. The ministry of works has completed phase 1 & 2 that consists the bridges construction.

**Contract Value (BD):** 50,983,700.000

**Start Date:** 8/11/2015  
**Finish Date:** 31/5/2019

Muharraq Ring Road Widening (Hidd Junction To Amwaj Junction)

The project aims to create a smooth flow of traffic with the newly established road to diyar al muharraq by expanding al muharraq ring road in its restricted area between hidd and amwaj / galali junction. The street will be three lanes in each direction and a total length of 8.5 Km. In addition to the development of the hidd junction fourth arm has been created to link bahrain investment gateway (big) area.

The project works include improving the storm water system, paving the roads according to kingdom of bahrain standard to the asphalt layers, develop the sidewalks, concrete barriers, install the fence, street lighting poles, traffic signals and traffic signs. It also includes the protection of existing services as a fuel line for ships and high voltage cables.

**Contract Value (BD):** 1,847,300.000

**Start Date:** 15/2/17  
**Finish Date:** 30/4/18
South Hidd Infrastructure Development Phase 1

The project aims to improve the roads of the industrial area south hidd and to facilitate access by re-establishing and expanding avenue 17 with a length of 3 km and the establishment of another access reaching the industrial area on the dry dock highway with a length of 1.3 Km, in addition to establishing other internal roads to provide the necessary accesses according to the plans of the ministry of industry and commerce. The project includes earth works, paving of the roads according to the kingdom of bahrain standard to the asphalt layers and the installation of the safety fence and the necessary traffic signs. The works also include laying concrete slabs according to the specifications of the bahrain petroleum company (bapco) to protect the gas line.

**Contract Value (BD):** 1,496,876.000

**Start Date:** 15/3/17

**Finish Date:** 26/6/18

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<th>COST (BD)</th>
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