

PD-1111-048
15N-54391

MONTHLY PROGRESS REPORT

MAURITANIA RURAL ROADS IMPROVEMENTS

PROJECT NO. 682-0214

CONTRACT NO. AFR-0214-C-00-3045-00

USAID NOUAKCHOTT ISLAMIC REPUBLIC OF MAURITANIA

DATE APRIL 30, 1986

PREPARED BY:

JACK FERNANDEZ, P.E. _____

CHIEF-OF-PARTY - M'BOUT _____

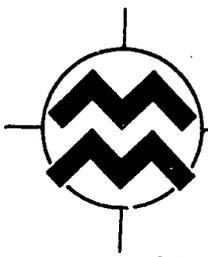
MORRISON-MAIERLE, INC.

CONSULTING ENGINEERS

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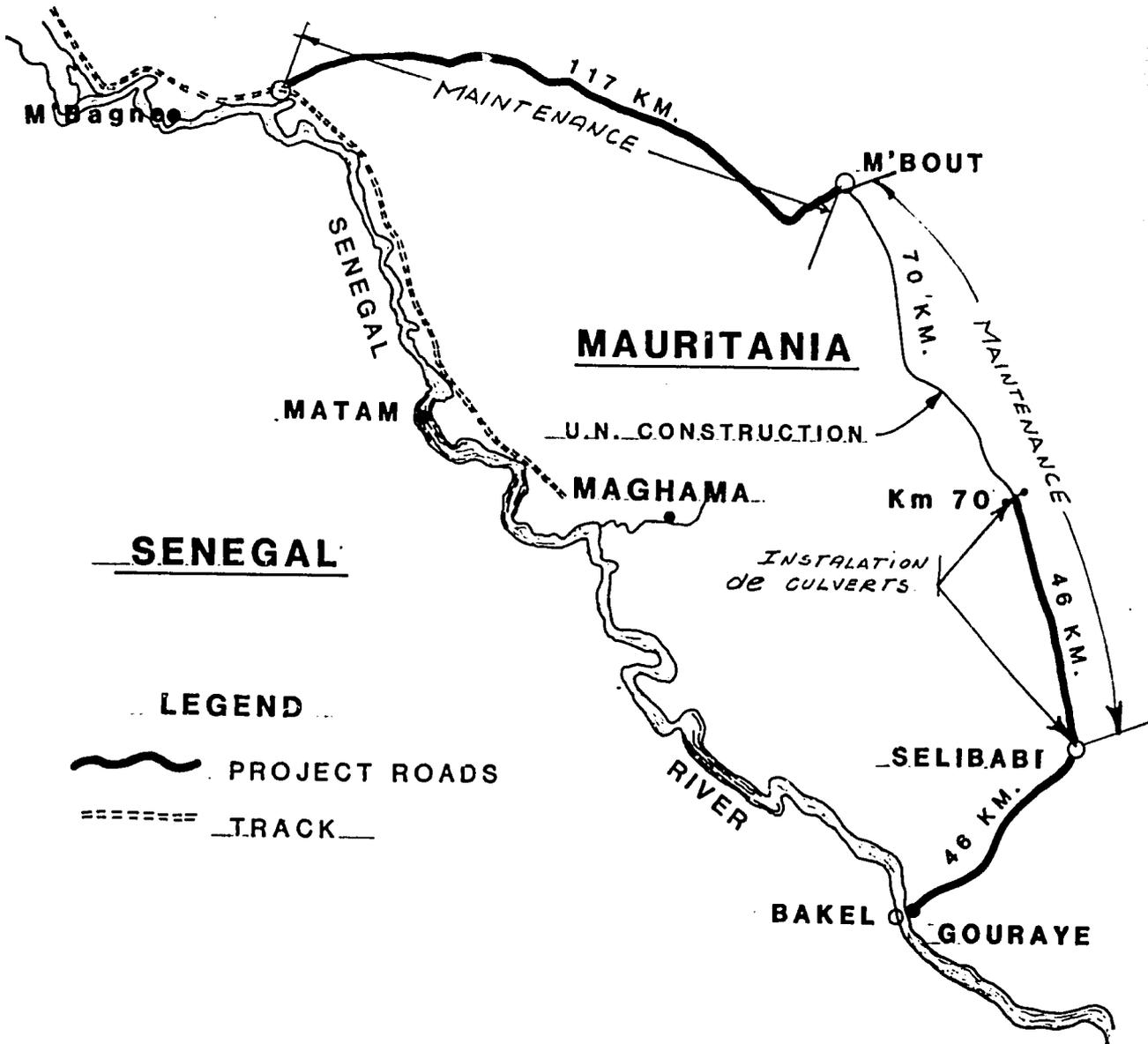
AND

OVERSEAS CONSTRUCTION SERVICES



PROJECT MAP
LA CARTE DU PROJET

APRIL 1996



5.5m, 80 Km /hr, All Weather Earth Road.

Route de Terre à Deux Voies Utilisable
à tout les Temps à la Vitesse de 80Km/h

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1.0 EXECUTIVE SUMMARY

Kaedi-M'Bout- Section:

Maintenance : 117 Kms surface & slope maint.
Construction of radiers : 1st phase completed
Reconstruction : None Required

M'Bout-Selibaby Section:

Maintenance : 116 Kms surface maint.
Maintenance of Radiers : 4
Construction of Culverts : 382.5 m completed: 120m in progress

Personnel

Expatriate : 5
Brigade : 89 payroll: 1,180,000 (Approx)
of time of report

Other

Working days : 26
Holidays : 4

Fuel Consumption : Gasoil: 47,933 Lts. Gasoline: 3,519 Lts.

2.0 KAEDI - M'BOUT ROAD

2.1 MAINTENANCE

The main activity on this section of road continue to be surface maintenance, with slope control where it needs to be improved. with two gradiers working in tandem we are able to cover about 25 Kms per day, with supervision. We have now been maintaining this road for four month and can maintain a reasonably comfortable and safe surface, if the surface is bladed and/or dragged at least twice a month.

2.2 DRAINAGE FACILITIES :

In accordance with the priorities set by AID-NKT, all our efforts in drainage construction are concentrated in the Selibaby-M'Bout section.

3.0 M'BOUT - SELIBABY ROAD

3.1 ROAD MAINTENANCE

During this reporting period, the entire road has been maintained utilizing two motor graders. Its in very good condition, with a few exceptions where segregation of material has occurred and corrugations occur rapidly.

3.2 DRAINAGE FACILITIES

The last field revision of the drainage report finally indicated 14 locations where culverts were to be installed. They are:

| <u>Sta.</u> | <u>Number & Diameter (cm)</u> | <u>Total Length installed</u> |
|-------------|-----------------------------------|-------------------------------|
| PK 9.46 | 4 x 150 | 52.4 |
| PK 16.71 | 2 x 150 | 30.2 |
| PK 18.86 | 2 x 90 | * |
| PK 28.07 | 2 x 150 | 26.2 |
| PK 30.64 | 4 x 150 | 53.6 |
| PK 32.75 | 1 x 150 | 13.1 |
| PK 36.52 | 4 x 150 | 61.2 |
| PK 38.36 | 3 x 150 | 45.9 |
| PK 41.59 | 4 x 150 | 61.2 |
| PK 42.49 | 3 x 150 | 38.7 |
| PK 42.82 | 2 x 150 | * |
| PK 42.97 | 2 x 150 | * |
| PK 43.82 | 2 x 150 | * |

Notes: * Installation in progress on April 25/86.

A further revision (telev MM 203) added the following:

| | | | | |
|----|-------|---|---|-----|
| PK | 3.464 | 6 | x | 150 |
| PK | 6.15 | 3 | x | 150 |
| PK | 7.99 | 2 | x | 150 |

Wire Gabions arrived at M'Bout on the 24th of the month, unloaded, and sent to the field on the same dog. Grading and excaution has started and gabions will be installed at proposed radier crossings starting and week.

4.0 EQUIPMENT STATUS.

All construction equipment continues to be functional. Normal wear and break, downs do occur but they are quickly repaired and equipment put back into service. Periodic preventive maintenance and the availability of most spare parts makes the difference.

The major activities at M'Bout work shop have been the complete over hauling of a D.7. Continue working on the rebuilding of two Mack Truck engines, which were completed by the middle of the month, and the trucks placed in service.

In addition repairs to two service vehicles, were accomplished.

5.0 FUEL AND LUBRICANT STATUS.

| | <u>Date</u> | <u>Diesel Liters</u> | <u>Gasoline Liters</u> |
|-----------------|-------------|--------------------------|----------------------------|
| Balance on | 3/25/86 | 50,904 | 5,568 |
| Fuel Received | April | 42,000 | 8,000 |
| Fuel Used | April | (47,933) | (3,519) |
| Fuel in Storage | 4/25/86 | 44,976 | 10,049 |

Lubricants in stock

| | | |
|-----------------|----|-------|
| 0.1 W-10 ----- | 7 | drums |
| 0.1 W-30 ----- | 32 | " |
| 0.1 W-40 ----- | 9 | " |
| Dextron ----- | 2 | " |
| Antifreeze----- | 15 | " |
| Grease ----- | 5 | " |

6.0 VISITORS. EXPATRIATE ARRIVAL & DEPARTURE

| <u>Name</u> | <u>Organization</u> | <u>Arrival</u> | <u>Departure</u> |
|-------------|---------------------|----------------|------------------|
| Mike Stangl | USAID Nouakchott | 4/1 | 4/6 |