

# RECONSTRUCTION OF THE ACCESS ROAD TO ST. JOSEPH'S COLLEGE, SASSE

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# INTRODUCTION

- The access road into Sasse College, **from the main gate to the Father's house**, is in a poor state, making access to the college difficult at times
- The **length of the road** section in question is about **600m**,
- Some repairs were done in the last few years

# CURRENT STATE OF THE ROAD

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No.	Description of the road surface	Condition assessment
i	deposited unselected, rough pozzolanic soil	Partly natural earth; some sections consist of deposited poorly selected materials, not properly compacted; Sides eroded due to drains being clogged by grass and debris
ii	abandoned stone/concreting work with reinforcement bars	Uncompleted works; Not possible to drive on the surface
iii	inter-locking block pavers	Not very good condition; deterioration at edges
iv	concrete slab	some degradations on some sections

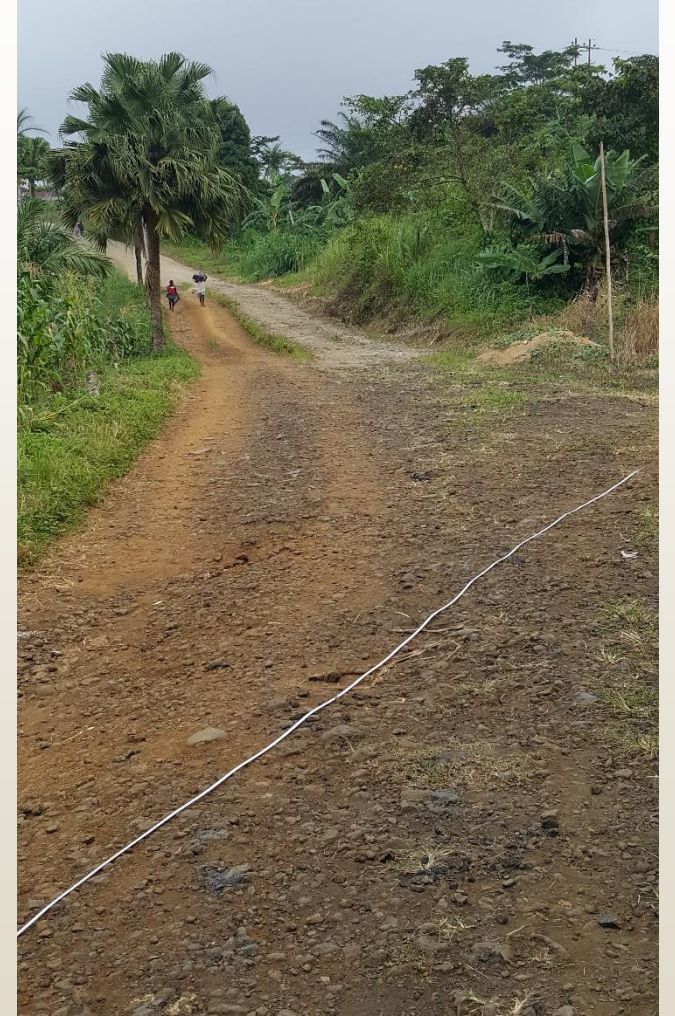
# CURRENT STATE OF THE ROAD

4



# CURRENT STATE OF THE ROAD

5



# PROJECTED WORKS

6

- ➡ **Excavation of** some **uncompleted concrete** sections
- ➡ **Scarification** of the section having pozzolan ;
- ➡ Construction of a **culvert** for drainage (CH 135+00)
- ➡ Opening of **earth drains** along sections of the road
- ➡ Construction of a **road structure made up of concrete,**
- ➡ **Landscaping,** planting of **shrubs** and **flowers**
- ➡ Possible installation of **solar-powered street lights** and **planting of trees**

# PROJECTED WORKS

7

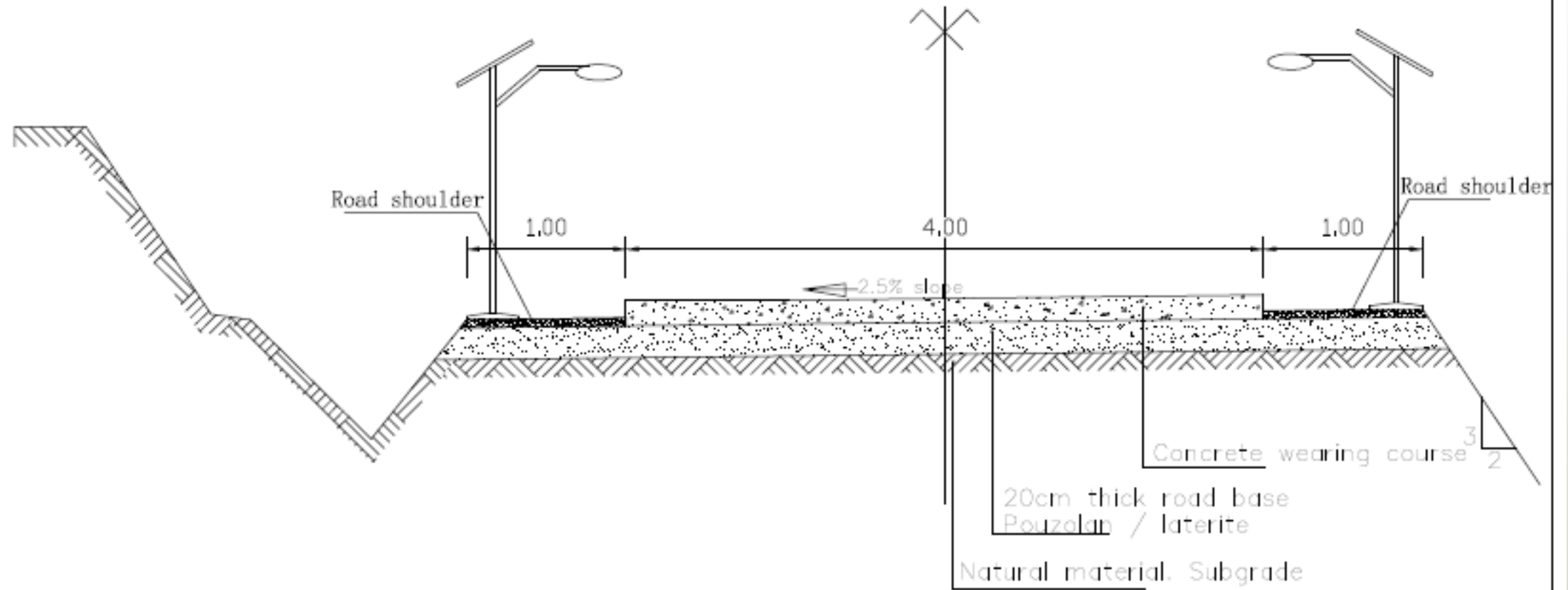
Principal dimensions of the works:

- ➔ Nominal **road width is 4.0m**
- ➔ **Hard shoulders 1m wide** on each side
- ➔ **Four passing sections** with extended road width at 6m
- ➔ Total road **surface area is 3250m<sup>2</sup>.**

# DESIGNS

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## SECTION 1 : NORMAL SECTION

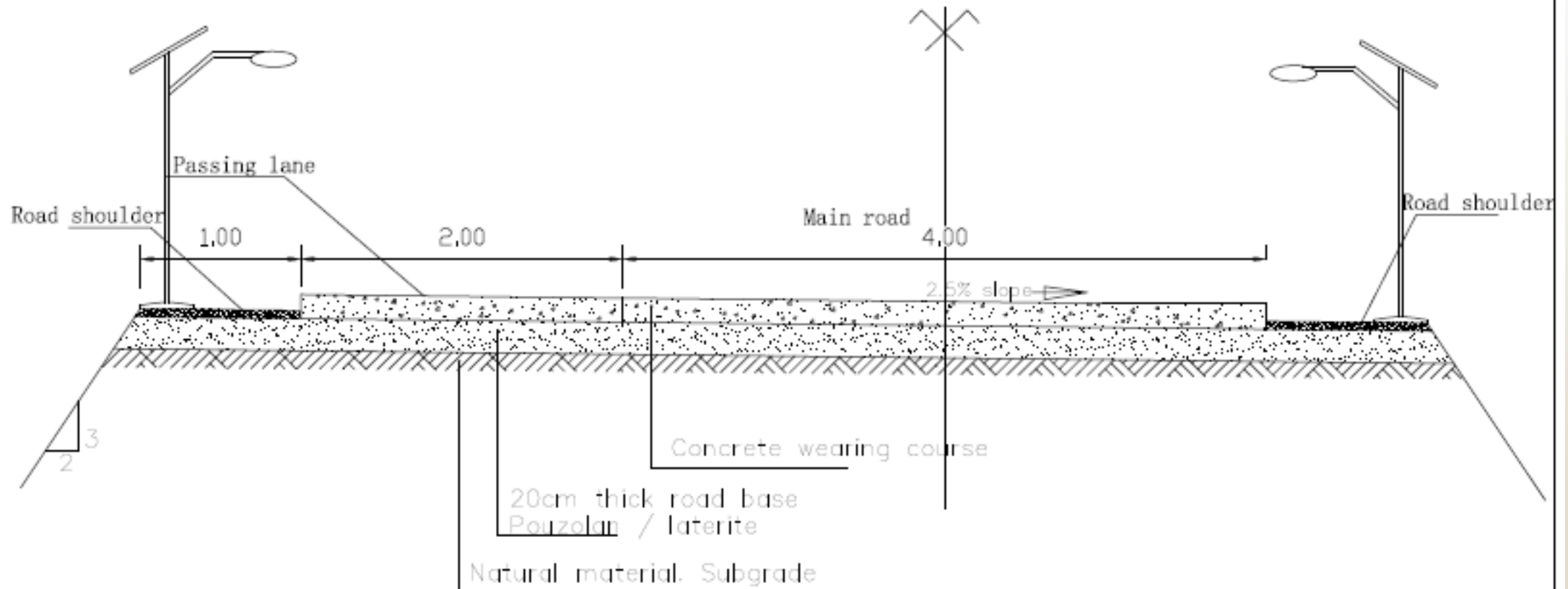


# DESIGNS

9



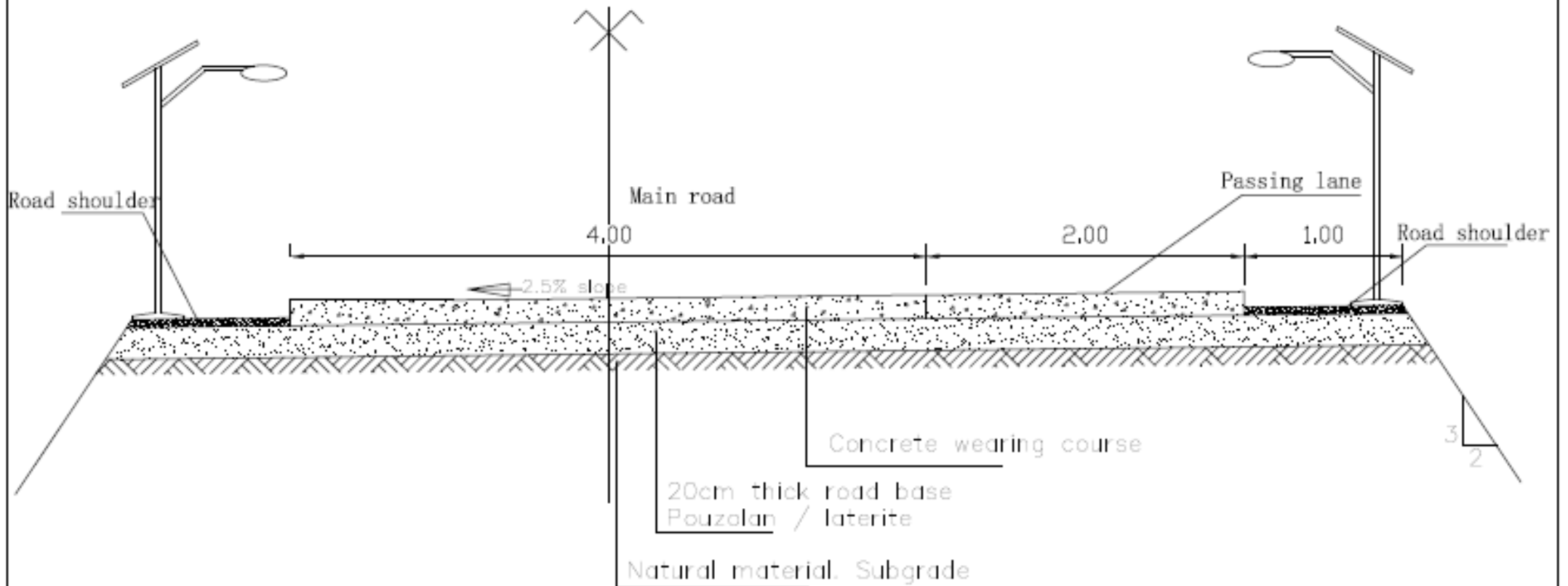
## SECTION 3 : CROSSING POINT PASSING LANE ON THE LEFT



# DESIGNS

10

## SECTION 2 : CROSSING POINT PASSING LANE ON THE RIGHT



# COST ESTIMATES

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ITEM No.	ITEM HEADING			ITEM COST (FCFA)
1	INSTALLATIONS (incl equipment/fuel)			4,775,000
2	PREPARATORY WORKS			1,540,000
3	ROAD BASE WORKS			7,221,750
4	ROAD SURFACE COURSE WORKS			45,800,000
5	DRAINAGE WORKS			3,481,250
6	GATE REHABILITATION/LANDSCAPING AND PLANTING WORKS			2,182,000
TOTAL PROJECT COST ESTIMATE (CFA Frs)				65,000,000



- **THANK YOU FOR YOUR KIND ATTENTION  
AND**
- **FOR SUPPORTING THIS GREAT ENDEAVOUR**