

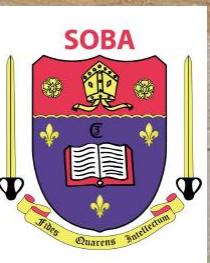
# RECONSTRUCTION OF THE ACCESS ROAD TO ST. JOSEPH'S COLLEGE, SASSE

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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

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- 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

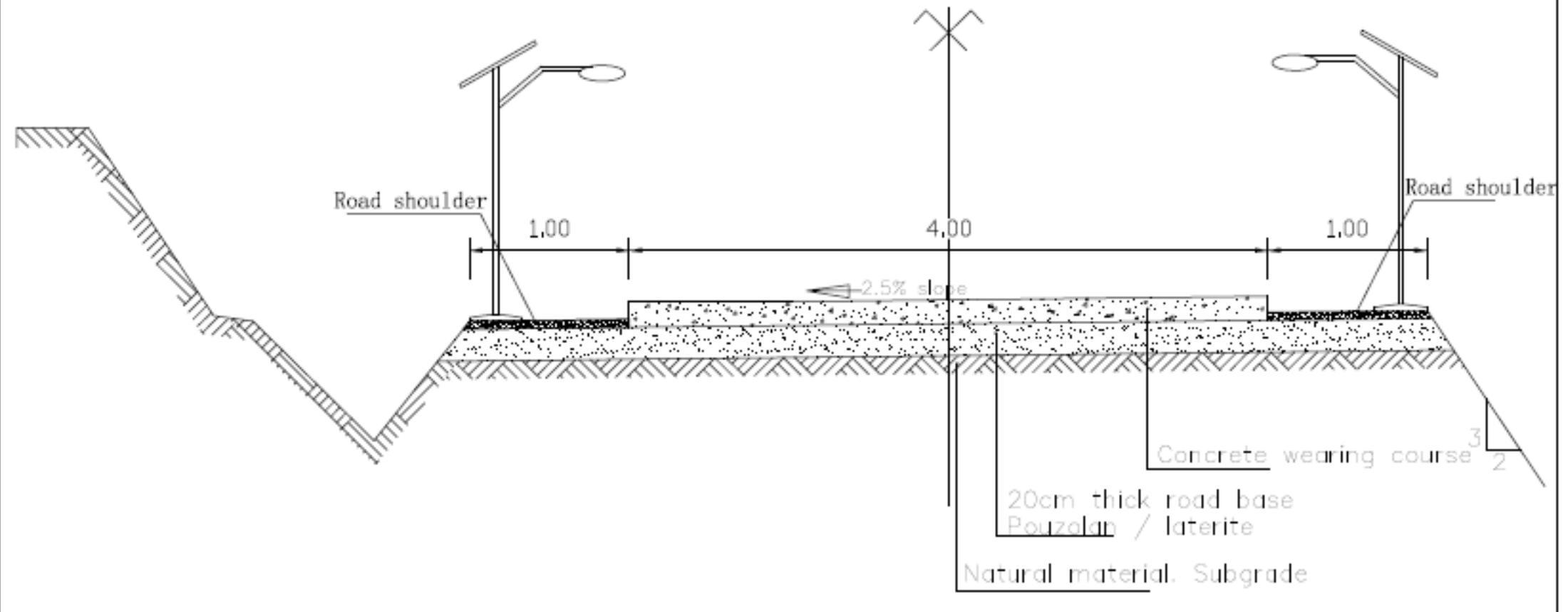
7

## 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

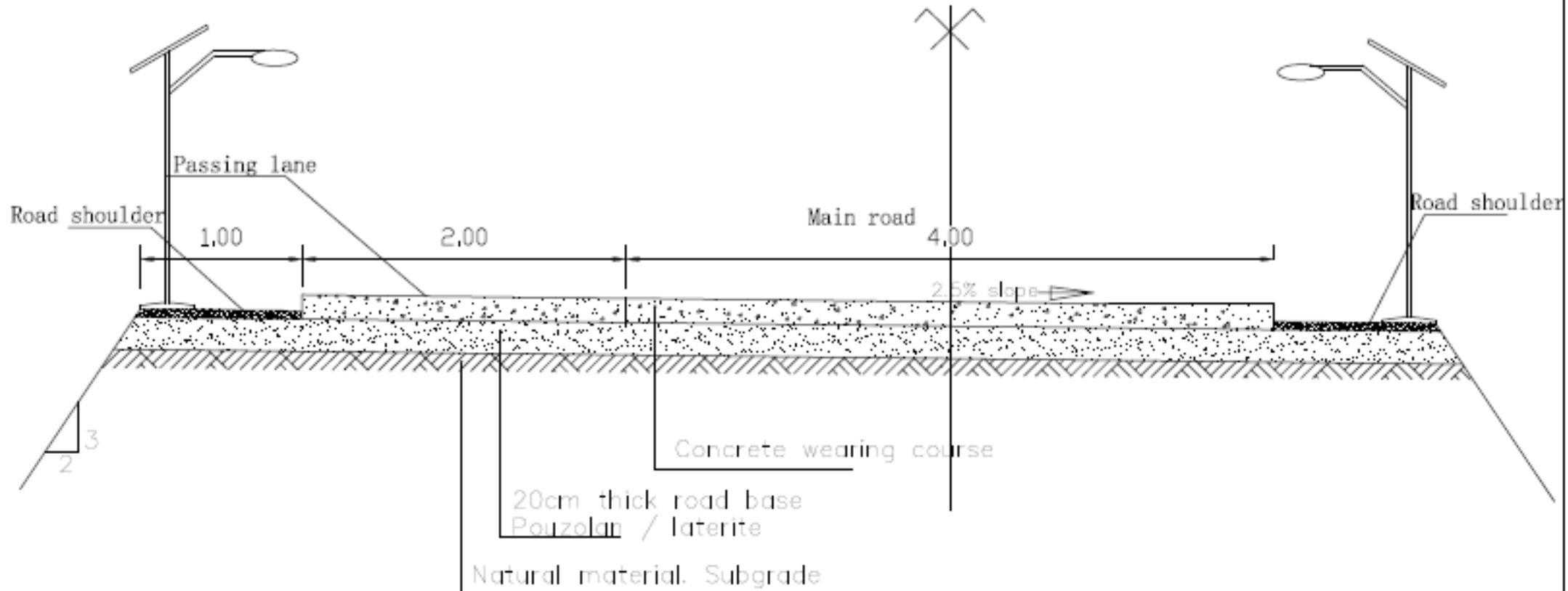
## SECTION 1 : NORMAL SECTION



# DESIGNS

9

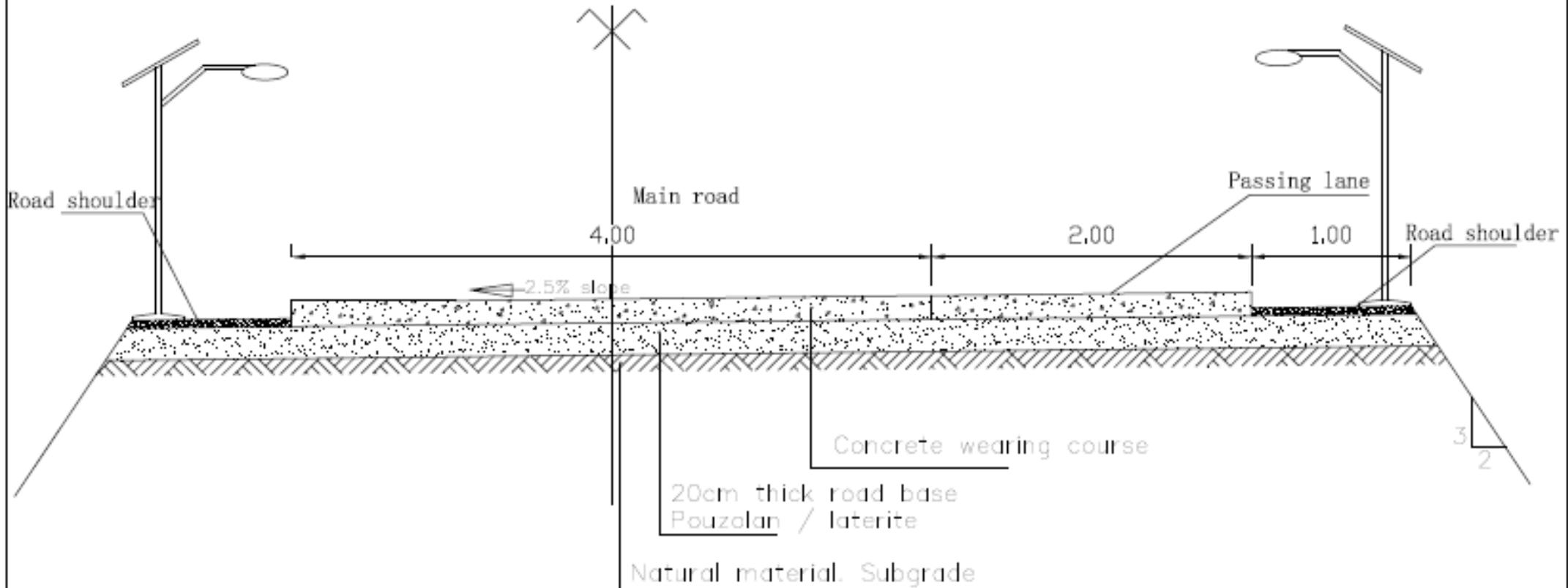
## SECTION 3 : CROSSING POINT PASSING LANE ON THE LEFT



# 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