

Update on SAPEM

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Road Pavements Forum

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SAPEM's Aim

- **Best practice guide**
 - For selection of most appropriate standards and specs
- **Unified guideline**
 - Catering for all. Pitched at National level with caveats for others
- **Education and training:**
 - Tertiary level training of engineers, technologists, technicians
- **Updated reference**
 - For all TRH's, TMH's, Sabita and C&CI documents
- **One stop shop**
 - For anything related to pavement engineering
 - Explanation of relevant concepts

**And with better roads...
we deal with the political promises
quicker!!**



Original SAPEM Structure

	Title	Pages	App.
1	Introduction	12	
2	Pavement Composition and Behaviour	42	
3	Standards	55	21
4	Test Protocols	75	2
8	Laboratory Management	25	10
5	Road Prism and Pavement Investigations	75	21
6	Geotechnical Investigations and Design Considerations	67	29
7	Material Sources	39	
9	Materials Utilisation and Design	117	
10	Pavement Design	92	11
11	Documentation and Tendering	16	
12	Construction Equipment and Guidelines	120	
13	Acceptance Control	128+	
14	Post-Construction	22	

BACKGROUND

1. Introduction

2. Pavement Composition and Behaviour

TESTING AND LABORATORY

3. Materials Testing

4. Standards

5. Laboratory Management

INVESTIGATION

6. Road Prism and Pavement Investigations

7. Geotechnical Investigations and Design Considerations

8. Material Sources

DESIGN

9. Materials Utilisation and Design

10. Pavement Design

DOCUMENTATION AND TENDERING

11. Documentation and Tendering

IMPLEMENTATION

12. Construction Equipment and Method Guidelines

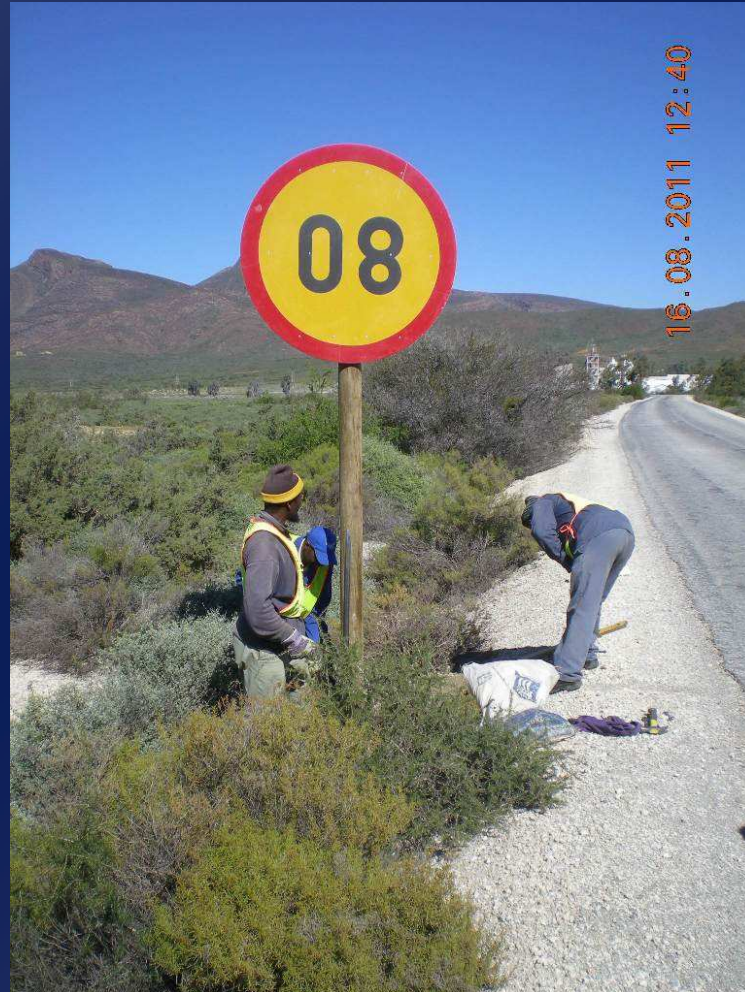
QUALITY MANAGEMENT

13. Acceptance Control

POST CONSTRUCTION

14. Post-Construction

**You may think that progress
has been slow**



Progress

Chapter	1	2	3	4	8	5	6	7	9	10	11	12	13	14
Author Draft 1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Edit & Standardise	1/2	✓	✓	✓	✓	✓	✓	✓	✓	1/2	✓	✓	✓	✓
Author Draft 2	✗	✓	✓	✓	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗
Finalized	✗	✗	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗

We must deliver or we'll be launched into space leaving more than a vapour trail



Dates

- Upload to web
 - 2011 late
- Roadshows in Gauteng and Western Cape
 - 2012 early

SAPeM needs YOU to review it!



**...and when all is said and done,
a lot more is said than done!**

