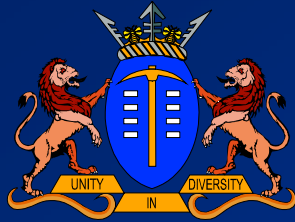


Job Creation, Skills Development and Empowerment in Road Construction Rehabilitation and Maintenance

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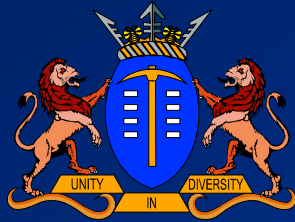
**Road Pavements Forum
4 May 2010**



Scope of Manual

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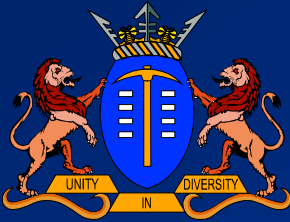
- **To provide guidance to Road Authorities and their Consultants on:**
 - **Optimal labour components for specific design elements;**
 - **Appropriate contract documentation, specifications and tender evaluation procedures to encourage the use of labour;**
 - **Legal requirements related to the employment of unskilled and semi-skilled labour;**
 - **Quality and cost of labour related to group tasks and group balancing:**
 - **Training, mentoring and incubation programmes including the current requirements**



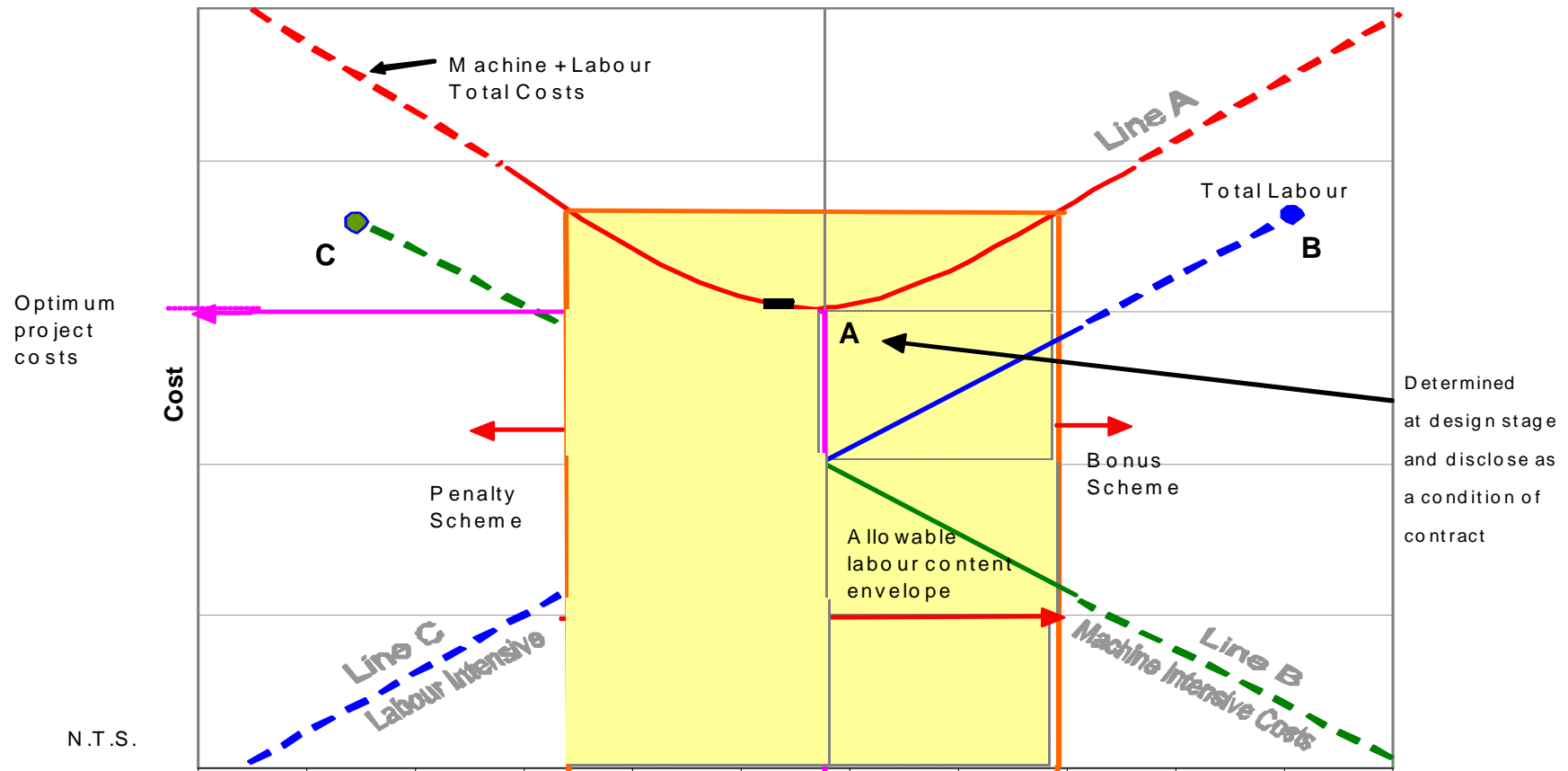
Benefits

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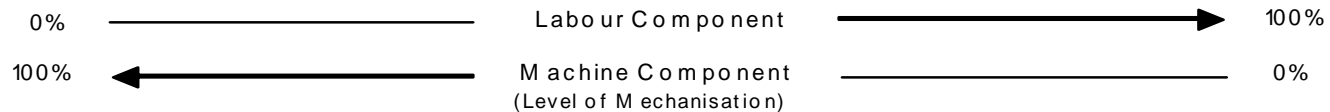
- Optimisation of the use of labour on **all** projects (new construction, rehabilitation and maintenance);
- Increased sustainability of job opportunities through the optimisation of labour on all projects;
- Increased use of appropriate labour -intensive technologies;
- Increased involvement by the formal construction sector in job creation and mentoring of emerging contractors;
- Improvement in performance of the emerging sector through, training, mentoring and incubation

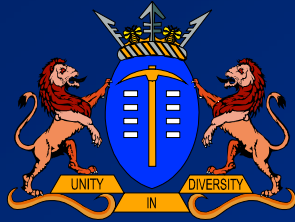


Labour Optimisation



Apply team balancing principles intelligent mix of man & machine and the application of appropriate technologies over the total project to determine the optimum labour component

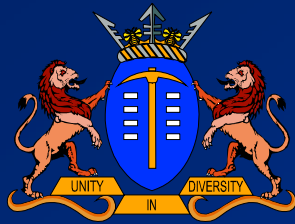




Status of Document

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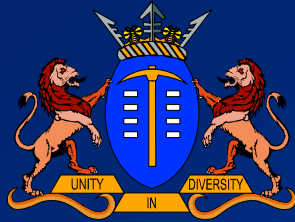
- Document finalised in October 08
- Discussed at RPF of Nov 08
- Problems with method statements
 - Industry commitment
- Manual with original method statements finally launched at SATC in June 09
- Document on HVS web site
 - w.w.w.gautrans-hvs.co.za
- Sabita an C&CI developed method statements in their area
 - Link on web site
- ASPSA asked one of its members to update the relevant aggregate method statements



ASPASA Comments

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- **Insufficient practical LIC experience to provide the required details for the outstanding method statements**
- **Need to identify a suitable contractor or practitioner to undertake the task possibly through Sabita members**



Issues

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- **How do we finalise the outstanding method statements?**
 - **Appendix 2: EARTHWORKS/FILLS**
 - **Appendix 3: LAYERS OF GRAVEL MATERIAL**
 - **Appendix 7: WATER/DRYBOUND MACADAM BASE LAYER**
 - **Appendix 11: CEMENT TREATED / STABILISED GRAVEL BASE AND SUB-BASE**
 - **Appendix 12: CRUSHER-RUN SUB-BASE AND BASE (G2, G3)**
- **Is the document accessed and used?**
- **Should the document be upgraded for national use?**
- **If yes, how?**