

References

1. Burningham, Sally & Stenkevich, Natalya. *Why road maintenance is important and how to get it done*. Washington DC: World Bank, 2005
2. Kumarage, Amal S. *Assessing Public Investment in the Transport Sector*. Colombo: Department of National Planning, 2001
3. Organization for Economic Co-operation and Development. *Asset Management for the Road Sector*. Paris: OECD publication service, 2001
4. Organization for Economic Co-operation and Development. *Performance Indicators for the Road Sector*. Paris: OECD publication service, 2001
5. Kumarage, Amal S. *Road Public Expenditure Review*. University of Moratuwa, 2006
6. Stevenson, Mark. *Social Impact Assessment of Major Roads*. Montreal: 20th World Road Congress, 1995
7. “Initial Social & Environmental Assessment. “*Amendments to the Selected Road Traces Colombo-Kandy Alternate Highway and Outer Circular Highway*”. University of Moratuwa, 2006
8. Anthony, Pellegrini. *Roads and the Environment: A Hand Book*. The World Bank, 2000
9. Wasantha, MAW & Gunaratne, M. *PCEC 43: Highway Maintenance & Management*. University of Moratuwa, 2006
10. Talvitie, Anti. *Performance Indicators for the Road Sector*. The World Bank, 2001
11. *Road Sector Performance Indicators for African Countries*. The World Bank Group, 2000
12. “Environmental Impact Assessment Report. “*Southern Expressway Development Project*”. University of Moratuwa, 1999, Vol I

Glossary of Terms

- Accessibility:** Ability of reaching to an intended place using road infrastructure
- Accessibility improvement:** Enhancement in the accessibility functions
- Adherence:** Measure of project goal achievement compare to the intended of a particular process
- Community development:** Improvement in quality of life of people due to the road infrastructure development
- Comprehensive design:** Finalized drawing and schedules of the road construction work
- Confidence level:** The magnitude of the consistency engaged with a particular value
- Degree of influence:** The quantity of the effect
- Distress occurrences:** Medium or high-severity reflected cracks, punchouts, or failed patches per mile in the outer traffic lane
- Effectiveness of finance utilization:** Appropriateness (no excessive expenses) in handling finance
- Effectiveness of process function:** Capability of a particular process function in deriving its intended outputs and outcomes using corresponding inputs
- Expected effectiveness by process:** Achievements intended to derive through the process
- Measures of perspective parameter:** Gauge which can be used for computing relevant perspective parameter
- Funding agency:** Agency who is providing the finance aid to run the project activities
- Level of deterioration:** The magnitude of road infrastructure declining
- Level of rectification:** Enhancement incurred due to the correction of defects in road infrastructure assets
- Level of perspective achievement:** Quantity of realized project aspects with regards to the perspective of corresponding stakeholder
- Labor proficiency:** Expertise of labors engaged with project activities
- Labor deployment:** Involvement of labors in project activities
- Level of improvement:** The magnitude of the enhancement
- Mobility:** Ease of access to a particular place using road infrastructure
- Mobility improvement:** Enhancement in the mobility functions
- Project goal intensity:** Quantity of project goals achieved by performing a particular process
- Preliminary design:** Drawings and schedules which provide the guidance for final design work of road construction
- Quality of secondary inputs:** Supremacy of the secondary input compared to most appropriates

Quality of the road: Level of assistance given by the road infrastructure in connection to mobility and accessibility functions

Rate of output formation: Amount of output derivation through a particular process within a specific time period

Rate of deterioration: Amount of road infrastructure deterioration incurred within a specific time period

Schedule functionality: Effectiveness of proposed schedule (duration or labor deployment) compared to the implemented schedule

Social cost: Costs incurred in re-settling the things which were disturbed by the project activities

Stakeholder: A person or a party involved in activities engaged with road project processes

Steering agency: Agency responsible for supervising and monitoring the project activities

Value of economic impact: Financial worth of a particular effect which occurs in the execution of the road project



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