

## Asset Management Plan Template Example 2

| Section Title                               | Key Information Presented                                                                                                                                                                                                                                                                   |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction                                | <ul style="list-style-type: none"> <li>• The road network</li> <li>• Trunk road network</li> <li>• DOT overview Scotland</li> <li>• Asset management</li> <li>• Road asset management plan</li> <li>• Summary of financial plan</li> <li>• Contents of the Asset Management Plan</li> </ul> |
| Aims, Objectives, Targets, and Expectations | <b>Objectives and measures</b> <ul style="list-style-type: none"> <li>• Terminology</li> <li>• Corporate aims</li> <li>• Corporate objectives and targets</li> <li>• Customer expectations</li> </ul>                                                                                       |
| Road Assets                                 | <b>Pavement and bridge inventory and conditions</b> <ul style="list-style-type: none"> <li>• Trunk road network</li> <li>• Roads</li> <li>• Bridges and other road structures</li> </ul>                                                                                                    |
| Asset Management Practices                  | <ul style="list-style-type: none"> <li>• Our asset management ethos</li> <li>• AM roles and responsibilities</li> <li>• AM and the management hierarchy</li> <li>• AM framework</li> <li>• Realizing the AM framework</li> </ul>                                                            |
|                                             |                                                                                                                                                                                                                                                                                             |
| Current and Future Demand                   | <ul style="list-style-type: none"> <li>• What is demand and why is it important?</li> <li>• Current network demand</li> <li>• Predicted future demand and impact</li> <li>• Impact on network management</li> </ul>                                                                         |
| Performance Management Framework            | <b>Performance Gap Identification</b> <ul style="list-style-type: none"> <li>• Overview</li> <li>• Levels of service</li> <li>• Performance measures</li> <li>• Performance targets</li> <li>• Efficiency improvements</li> </ul>                                                           |
| Risk Management                             | <b>Risk Management Analysis</b> <ul style="list-style-type: none"> <li>• Overview</li> <li>• Agency Scotland corporate risk management strategy</li> <li>• Risk management for roads</li> </ul>                                                                                             |

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| Life-Cycle Plans                              | <b>Lifecycle Cost Analysis</b> <ul style="list-style-type: none"> <li>• Overview</li> <li>• Developing a life-cycle plan</li> <li>• Using a life-cycle plan</li> <li>• Continual challenge and improvement</li> <li>• Life-cycle plans</li> </ul> |
| Decision Support                              | <ul style="list-style-type: none"> <li>• Whole life cost and value</li> <li>• Value management and value engineering</li> <li>• Network analysis</li> </ul>                                                                                       |
| Work Plan                                     | <b>Investment strategies</b> <ul style="list-style-type: none"> <li>• Overview</li> <li>• Work volumes</li> </ul>                                                                                                                                 |
| Financial Plan                                | <b>Financial Plan</b> <ul style="list-style-type: none"> <li>• Overview</li> <li>• Financial plans</li> <li>• Asset valuation</li> </ul>                                                                                                          |
| Risks to the AMP and Their Management         | <ul style="list-style-type: none"> <li>• Overview</li> <li>• AMP risk register</li> </ul>                                                                                                                                                         |
| Monitoring, Review, and Continual Improvement | <ul style="list-style-type: none"> <li>• Monitoring</li> <li>• AM review and continual improvement</li> <li>• AMTP review and update</li> </ul>                                                                                                   |
| Asset Management Improvements                 | <ul style="list-style-type: none"> <li>• Background</li> <li>• Description of work packages</li> </ul>                                                                                                                                            |
| References                                    | •                                                                                                                                                                                                                                                 |
| Appendix A                                    | •                                                                                                                                                                                                                                                 |
| Appendix B                                    | •                                                                                                                                                                                                                                                 |
| Appendix C                                    | •                                                                                                                                                                                                                                                 |

Based on Scotland's Trunk Roads 2007 Road Asset Management Plan Outline from the AASHTO Transportation Asset Management Guide – A Focus on Implementation

### Asset Management Plan Template Example 3

| Section Title                             | Key information Presented                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Executive Summary                         | Summary for key stakeholders in order to demonstrate sustainable asset stewardship, effective use of financial resources, and presenting a robust case for funding.                                                                                                                                                                                          |
| About the National Asset Management Plan  | <ul style="list-style-type: none"> <li>• Purpose of AMP</li> <li>• Asset management for state highways</li> <li>• Scope of plan</li> <li>• Putting it into practice</li> </ul>                                                                                                                                                                               |
| Putting the Customer First                | <ul style="list-style-type: none"> <li>• Identifying customer needs</li> <li>• Legislation and Government direction</li> <li>• Goals into practice</li> <li>• Different levels of service to suit different customer demands</li> <li>• Translating customer need into LOS and operating targets</li> <li>• Managing in a constrained environment</li> </ul> |
| The State Highway and Its Assets          | <b>Pavement and bridge inventory and conditions</b> <ul style="list-style-type: none"> <li>• Defining the assets</li> <li>• Asset information management</li> <li>• Summary of our assets</li> </ul>                                                                                                                                                         |
| Operating Performance and Asset Condition | <b>Objectives and measures</b> <ul style="list-style-type: none"> <li>• Key principles</li> <li>• Safety performance</li> <li>• Operating performance</li> <li>• Pavement condition</li> <li>• Structural assets condition</li> <li>• Corridor assets performance and condition</li> </ul>                                                                   |
| Managing Customer Demand                  | <ul style="list-style-type: none"> <li>• Key issues</li> <li>• Knowing current demand</li> <li>• Traditional corridor operations</li> <li>• Maximizing capacity through managing demand</li> <li>• Predicting future demand</li> <li>• Environmental and social responsibility requirements</li> </ul>                                                       |

| Section Title                                         | Key information Presented                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Managing Risk                                         | <b>Risk Management Analysis</b> <ul style="list-style-type: none"> <li>• A basis for the business</li> <li>• Risk management approach</li> <li>• State highway risk exposures</li> <li>• Managing state highway risks</li> <li>• Emergency management and response planning</li> </ul>                                                                                                                                                                                                                                         |
| Asset Life-Cycle and Funding Requirements             | <b>Life-Cycle Cost Analysis, Investment Strategies, and Financial Plan</b> <ul style="list-style-type: none"> <li>• Key principles</li> <li>• Historic expenditure trends</li> <li>• Asset valuation</li> <li>• Condition and risk based funding</li> <li>• Predicting condition and performance</li> <li>• Funding and programming requirements</li> <li>• “Structural” requirements and initiatives (e.g., pavements, bridges)</li> <li>• “Corridor” requirements and initiatives (e.g., lighting, signage, etc.)</li> </ul> |
| Asset Life-Cycle and Funding Requirements (Continued) | <ul style="list-style-type: none"> <li>• Other requirements and initiatives (e.g., emergencies, network asset management, etc.)</li> <li>• Capital programs</li> <li>• Summary</li> </ul>                                                                                                                                                                                                                                                                                                                                      |
| Implementation on the Ground                          | <ul style="list-style-type: none"> <li>• Regional operating plans and special asset operating plans</li> <li>• Procurement</li> <li>• Detailed design and management</li> <li>• Culture of continuous improvement</li> </ul>                                                                                                                                                                                                                                                                                                   |
| Improvement Plan                                      | <ul style="list-style-type: none"> <li>• Developing a realistic commitment</li> <li>• The improvement plan</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                          |

Based on New Zealand’s Asset Management Plan Outline from the AASHTO Transportation Asset Management Guide – A Focus on Implementation