Business Model Canvas

Key Partnerships

- Recognize the parties involved (especially the metro authorities, sensor manufacturers, IoT service providers, and maintenance teams).

Key Activities

- Also include designing the sensors for structural health, the dashboard, and the Internet of Things for real-time monitoring.

Key Resources

- List IoT devices(strain gauges ,accelerometers), sensors, software, and cloud platforms.

Value Propositions

- Emphasize the more multi-layered advantages like real-time problem detection, reduced maintenance costs, and improved safety.

Customer Relationships

- Show that the solution will be implemented through training, support, and periodic updates.

Channels

- Mention delivery means like web platforms, mobile apps, etc.

Customer Segments

- Customer Segments: Metropolitan authorities, engineers, and policymakers will be the main users.

Cost Structure

- Incorporate material costs, especially sensors, software development,hardware development, and cloud services.

Revenue Streams

- Examples refer to subscription fees, implementation charges, and maintenance contracts, Hardware(eg.IOT sensors sales or lleasing).