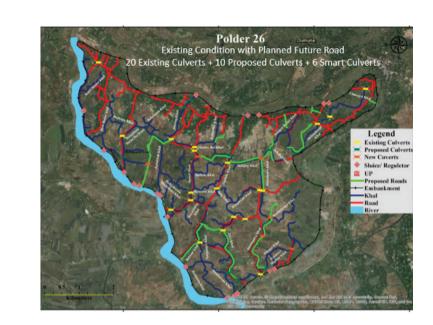


Opportunities and Challenges

- 1 Unblock drainage congestion and reduce water logging.
- Systematically equip roads with adequate cross drainage structures and install additional bridges and culverts in critical areas
- 2 Salvage tidal rivers, prevent them from silting up.
- Retrofit/ construct bridges with adequate spans and preferably no piers
- **3** Support desilting of drains.
- Use excavation material from silted up khals for local road construction
- 4 Facilitate water management for high yielding Amon paddy.
- Install gated culverts on local roads to allow field water ponding and release, when needed
- 5 Improve flood preparedness.
- Construct elevated roads in lower lying polder areas (for livestock evacuation) connecting to typhoon shelters
- 6 Improve flood protection.
- → Built in flood protection requirements in river facing roads adequate height, armouring, salt-tolerant vegetative cover
- 7 Optimize functions with well-planned roadside vegetation.
- Vegetation planting and species selection for direct productive use, embankment stability, dust/ pollution control, noise reduction, biodiversity

Examples of techniques



Remove water
logging by
retrofitting adequate
road cross drainage



Ensure wide bridge spans and no piers to salvage tidal rivers



Gated culverts:
allowing water
control for HYV
Amon Paddy



Repurposing sediment from excavating khals for local road construction

