

## Draft Roadmap of Shashakt Uttarakhand @2025

Name of Department: Public Works Department

Problem/ Issues Identified	Potential Solutions/ Initiatives	Activities	Output	Measurable Indicator	Strategy	Timeline			Targets			Structural Policy/ Governance/ Schemes reforms required
						Short Term	Medium Term	Long Term	Short Term	Medium term	Long Term	
<b>Planning Reforms</b>												
Staggered Planning for Road Network by Different Agencies ie PWD, PMGSY, ULB, etc. and ROW sharing with other utility owner Agencies ie. Power, Water Supply, Telecom etc.	Formation of Independent Infrastructure Management Board for Comprehensive Planning	<ul style="list-style-type: none"> <li>Discussion with Departments dealing with Infrastructure</li> <li>Identification of Stakeholders to be incorporated in Proposed Board</li> <li>Identification of Role/ Scope of Board</li> </ul>	Policy & Establishment of Board			√	√			Policy & Establishment of Board		Yes
	Re-define Road Network Category/ Ownership for Rural and Urban Roads for All Departments	<ul style="list-style-type: none"> <li>Redefine Road Categorization Standards on basis of Chandigarh Plan.</li> <li>Unique Identification no. for each Road Asset.</li> <li>Finalization of Ownership</li> <li>Finalization of Maintenance Responsibility</li> <li>Finalization of Reconstruction/ Improvement Responsibility</li> </ul>				√			Policy			Yes
	GIS Based Assets Management System	<ul style="list-style-type: none"> <li>Development of System</li> <li>Implementation</li> </ul>				√	√		Developme nt	Impleme ntation		
Funding for Infrastructure	On-selves project as investment opportunity for public partnership or readiness for loan	<ul style="list-style-type: none"> <li>Dedicated SPU in department i/c Specialists of Different Fields.</li> <li>Dedicated Fund for Future Projects Planning i/c funds for LA.</li> <li>Redefine Standards for DPR preparation inline of Probable Loaning Agencies i/e WB, ADB, JICA.</li> <li>Theme Base DPR Preparation.</li> </ul>	DPR/ Project for Public partnership or readiness for loan				√			Policy		
<b>Infrastructure Development</b>												
Lack of Smooth and Direct Connectivity	Shortest Possible Connectivity of District HQ, Business Centers, Tourist Places, New Destinations	<ul style="list-style-type: none"> <li>Master Plan</li> <li>Procurement for Consultancy Service</li> <li>DPR Preparation</li> </ul>				√	√		Master Plan	DPR		
	All Single Lane State Highway Upgradation to intermediate / 2 Lane	<ul style="list-style-type: none"> <li>Procurement for Consultancy Service</li> <li>DPR Preparation</li> </ul>					√			DPR		

Future Readiness	Development of Way Side Amenities	<ul style="list-style-type: none"> <li>Discussion with Departments and Stakeholders</li> <li>Cross Visits in other States</li> <li>Policy Formation</li> </ul>					√			Policy			
	EV Supported infrastructure						√			Policy			
	Dedicated Utility Corridor for digital Connectivity						√			Policy			
	Road Safety Provisions as per Road Category						√			Policy			
Unsafe Roads	Dedicated Fund for Road Safety in Each New Project on the basis of Road Category.	<ul style="list-style-type: none"> <li>Policy</li> </ul>		Reducing Highway Fatalities up to 50%			√			Policy			
	Road Safety Works in All Primary Roads	<ul style="list-style-type: none"> <li>Safety Audit</li> <li>DPR Formation</li> <li>Implementation</li> </ul>				√	√	√	Safety Audit	DPR	Implementation		
Landslides	Landslides Mitigation	<ul style="list-style-type: none"> <li>Treatment of All Landslides Area on NH</li> </ul>					√	√		DPR	Implementation		
<b>Execution Reforms</b>													
Lack of expertise in Department,	<ul style="list-style-type: none"> <li>Dedicated Bridge Construction Units in Department</li> </ul>	<ul style="list-style-type: none"> <li>Identification of No of Units / Structure with other stakeholder ie BRIDCUL etc</li> <li>Restructuring of Department</li> <li>Onboarding</li> </ul>					√	√		Policy	Implementation	Yes	
	<ul style="list-style-type: none"> <li>Regrouping of Procurement process</li> </ul>	<ul style="list-style-type: none"> <li>Change in Delegation of Power</li> </ul>					√			Policy		Yes	
	<ul style="list-style-type: none"> <li>Redistribution of Tasks like Contract Registration, LA, Arbitration, Enforcement Removal, Quality Assurance, Quality Control etc.</li> </ul>	<ul style="list-style-type: none"> <li>Identification of Non-competitive advantage Task at particular level.</li> <li>Redefine roles and responsibility of office/ Job Level.</li> <li>Restructuring of Department</li> <li>Change in Policy ie. Delegation of Power, Procurement Rules etc.</li> </ul>						√		Policy/ Implementation		Yes	
	<ul style="list-style-type: none"> <li>Robust Training System</li> </ul>	<ul style="list-style-type: none"> <li>Policy for Need identification for a particular employee</li> <li>Policy for Dedicated Fund for Training and its monitoring.</li> <li>Policy for Deputation for external long-term exposure/ study leave.</li> </ul>						√			Policy/ Implementation		Yes
	<ul style="list-style-type: none"> <li>New Technology Implementation Framework</li> </ul>	<ul style="list-style-type: none"> <li>Formulation of Trial run Policy.</li> <li>Result based implementation/ target setting policy.</li> </ul>						√			Policy/ Implementation		Yes
Quality of Execution	<ul style="list-style-type: none"> <li>Effective Contractor Selection/ Registration Process</li> </ul>	<ul style="list-style-type: none"> <li>Amendments in Contractors Registration Criteria inline of Himanchal Pradesh</li> </ul>					√			Policy			
	<ul style="list-style-type: none"> <li>Enforcement of Quality Assurance Responsibility to Service Delivery Partner</li> </ul>	<ul style="list-style-type: none"> <li>Induction Training to Contractor after Award of Work</li> <li>IT enabled Quality Assurance Event Tracking System</li> </ul>						√			Policy/ Implementation		

	<ul style="list-style-type: none"> <li>Updating of Comprehensive Work Manual</li> </ul>	<ul style="list-style-type: none"> <li>Selection of consultant</li> <li>Development of Work Manual inline of CPWD</li> <li>Annual Review of Document and updating</li> </ul>					√			Policy/ Implementation		
	<ul style="list-style-type: none"> <li>Update Standards of Labs</li> </ul>	<ul style="list-style-type: none"> <li>All District and State Level Labs Will be Upgraded to NABL/ ISO standard</li> </ul>					√			Implementation		
Inefficient Procurement/ Contract Management and Disputes	<ul style="list-style-type: none"> <li>Efficient, Effective and Transparent Procurement Process</li> </ul>	<ul style="list-style-type: none"> <li>Online System for Bid Evaluation</li> <li>Upgrade rules to make faceless e-procurement</li> </ul>					√			Policy/ Implementation		
	<ul style="list-style-type: none"> <li>Efficient Dispute Resolution Mechanism</li> </ul>	<ul style="list-style-type: none"> <li>Departmental Dispute Resolution Committee</li> </ul>					√			Policy		
Encroachments on Road	<ul style="list-style-type: none"> <li>Road/ Infrastructure Protection Force</li> </ul>	<ul style="list-style-type: none"> <li>Discussion with Departments dealing with Infrastructure and Police/ Forest/ Revenue and other Stakeholders</li> <li>Framing of Policy</li> <li>Handing Over Duty to Protection Force</li> </ul>					√			Policy		