

## Dummer-Cambridge-Errol 16304B NH 16 Alternative Matrix - Summary of Regulatory Requirements

**Project Purpose and Need:** The purpose of the project is to address the poor condition of the pavement and road base and provide a sustainable roadway that maintains the connectivity of the corridor, minimizes long-term maintenance and risk resulting from the proximity of the Androscoggin River, and preserves the scenic quality of the surrounding area. It is needed because the NH 16 is in poor condition and frost heaves impede the winter maintenance activities. Additionally, slope stabilization is needed to maintain the integrity of the existing roadway in its current location.

6/5/2020

REGULATORY AGENCY/PERMIT	TRIGGER	TYPICAL COMPLIANCE MEASURES	ONLINE	PARTIAL SHIFT	FULL SHIFT	FULL SHIFT VARIATION
FEDERAL HIGHWAY ADMINISTRATION - NEPA CONCURRENCE	USE OF FEDERAL FUNDS	MUST DEMONSTRATE COMPLIANCE WITH PROJECT'S PURPOSE AND NEED AND OTHER STATE AND FEDERAL ENVIRONMENTAL REGULATIONS	NOT MET	PARTIALLY MET	FULLY MET	FULLY MET
NHDES WETLANDS BUREAU - STANDARD DREDGE AND FILL PERMIT AND STREAM CROSSING RULES	IMPACTS TO JURISDICTIONAL WETLANDS, INCLUDING RIVER BANKS BELOW TOP OF BANK	MITIGATION THROUGH CONSERVATION/CREATION OF WETLANDS, IMPROVEMENT OF STREAM PASSAGES OR PAYMENT INTO THE ARM FUND	REQUIRED 1.8 AC	REQUIRED 2.6 AC	REQUIRED 5.8 AC	REQUIRED 5.1 AC
NHDES SHORELAND PERMIT	WORK WITHIN 250' OF CERTAIN STREAMS/RIVERS	NA	REQUIRED FOR ALL ALTERNATIVES - NO CONCERNS			
NHDES ALTERATION OF TERRAIN PERMIT	WHEN AN AREA OVER 1 AC IS DISTURBED	STORMWATER TREATMENT FOR TWICE THE INCREASE IN IMPERVIOUS AREA	NO TREATMENT POSSIBLE	NO TREATMENT POSSIBLE	FULL TREATMENT	FULL TREATMENT
US ARMY CORPS OF ENGINEERS - INDIVIDUAL PERMIT	AT THEIR DISCRETION, GENERALLY WHEN WETLAND IMPACTS EXCEED 3 ACRES	WATER QUALITY CERTIFICATION MUST BE OBTAINED	NOT REQUIRED	MAY BE REQUIRED	REQUIRED	REQUIRED
NHDES WATER QUALITY CERTIFICATION	REQUIRED WITH USACOE INDIVIDUAL PERMIT	MUST DEMONSTRATE THAT THERE IS NO INCREASE IN CERTAIN POLLUTANT RUNOFF, ACHIEVED THROUGH THE USE OF STORMWATER TREATMENT BMPS	NOT REQUIRED	MAY BE REQUIRED - <b>CONDITIONS CANNOT BE ACHIEVED</b>	REQUIREMENTS ACHIEVED	REQUIREMENTS ACHIEVED
US ARMY CORPS OF ENGINEERS - FLOOD STORAGE	WHEN FILL IS PLACED IN A FLOODPLAIN OR FLOODWAY	COMPENSATORY FLOOD STORAGE MUST BE PROVIDED, TYPICALLY BY REMOVING FILL ELSEWHERE IN THE FLOODPLAIN	REQUIRED 2970 CY NO PLACE TO REMOVE FILL	REQUIRED 2560 CY NO PLACE TO REMOVE FILL	REQUIRED 4450 CY MAY BE DIFFICULT TO ACHIEVE	REQUIRED 1920 CY CAN BE ACHIEVED
FEMA - COMPLIANCE WITH FLOODPLAIN REQUIREMENTS	WHEN FILL IS PLACED IN FLOODWAY	MUST DEMONSTRATE THAT THERE WILL BE NO INCREASE IN FLOOD ELEVATIONS DUE TO PLACEMENT OF FILL	IMPACTED	IMPACTED	NO IMPACT	NO IMPACT
LCHIP AND FOREST LEGACY APPROVAL	WHEN PROPERTY ON WHICH LCHIP OR THE FOREST LEGACY PROGRAM HOLDS AN INTEREST IS IMPACTED	MITIGATION THROUGH MONETARY OR LAND CONTRIBUTIONS	NO IMPACT	NO IMPACT	IMPACTED 9.7 ACRES	IMPACTED 11 to 12 ACRES
EPA - NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM CONSTRUCTION GENERAL PERMIT (NPDES CGP)	WHEN AN AREA OVER 1 AC IS DISTURBED	FILE NOTICE OF INTENT (NOI) TO DISCHARGE STORMWATER AND PREPARE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	REQUIRED FOR ALL ALTERNATIVES - NO CONCERNS			
NHDOT TRAFFIC CONTROL COMMITTEE	REVIEWS ALL PROJECTS TO ENSURE TRANSPORTATION NETWORK IS MAINTAINED		CONCERNS ABOUT ABILITY TO MAINTAIN ANY TRAFFIC	CONCERN WITH ONLY MAINTAINING 1 LANE OF TRAFFIC FOR EXTENDED PERIOD	NO CONCERNS	NO CONCERNS
COST (INCLUDING ANTICIPATED ARM FUND PAYMENT)			\$8.1 MILLION	\$7 MILLION	\$8 MILLION	\$7.8 MILLION