State of Wisconsin
Department of Transportation

pmp

Project ID : 8520-01-05 **Route :** STH 077
Title : HAYWARD - CLAM LAKE **Sub Title :** USH 63 TO CTH K
Region : NORTHWEST **County :** SAWYER

Soils and Pavements

Soils - General		
✓	**Soils Report ****	Preliminary report only for Cold In-Place Recycle project.
	Select subgrade required	Within mapped area for inclusion. Not req'd for CIR projects.
	Type and quality of available material	
	Predominant soil type	Silty Loam
	Design Group Index	14
	Soil Support Value	3.9
Soils - Roadway Conditions		
✓	**Potential frost susceptible soils**	No known frost heaves at this time. Need input from Maintenance.
	Marsh excavation	Marshes excavated as part of 1993 project.
	Bedrock or outcrops to be encountered	
	Slope stability issues	
	--->Cut sections	
	--->Fill sections	
	High water table	
	Springs/seeps	
	Underdrain problems	
	Excavation below subgrade	
	Floating road core/corduroy	
	Desirable grade line location	
	Two stage soil investigation required	
	Preliminary grade line review required	
	Final grade line review required	
Soils - Borings		
	Soil borings required	
	--->At cut to fill transition	
	--->In cut sections	
	Structure borings required	
Soil Comments		

Cold in-place recycle project will require pavement cores and possibly Ground Penetrating Radar work. Project 8530-05-71 plan pavement thickness is 5" HMA over 12" CABC.

Last updated by KING, ORVILLE D on 01/14/2019

Pavements - General		
✓	**Pavement Design Report ****	
	Life cycle cost analysis required	
	PSI,IRI,PCI Data Year	
	Pavement Condition Index (PCI)	Min: Max:
	International Roughness Index (IRI)	Min: Max:
	Pavement Serviceability Index (PSI)	Min: Max:
Pavement Distress - PC Concrete		
	Raveled transverse joints and cracks	
	Raveled longitudinal joints and cracks	
	Cracked slabs with movement	
	Joint faulting	
	Surface spall	
Pavement Distress - Asphaltic		
	Transverse cracking	
	Block cracking	
	Alligator cracking	
	Raveled surface	
	Raveled edge	
Pavements - Evaluation/History		
	Existing pavement structure	
	Existing pavement condition	
	Year of original construction	
	Year(s) resurfaced/rehabilitated	
	Year(s) rut filled	
	Asphaltic Concrete Pavement (ACP)	approximate number of cores at foot intervals
	ACP thickness/verfication & condition (not recycling cores)	approximate number of cores (at specific locations)
	Portland Cement Concrete (PCC) pavement	approximate number of cores at foot intervals
	PCC pavement depth verification & joint study (not pay cores)	approximate number of cores (at specific locations)
Pavement - Alternatives		
	Alternative Rehab Strategies (include life expectancy and approximate cost per mile)	
No Pavement - Alternatives		
Preliminary proposed alternative		

1/28/19 DCH: This project was changed to a 3.25" mill and overlay (4 MT 58-34V) due to the concerns with the run off the road crashes. Add about 500 tons of Asphaltic Surface for Misc Repairs. 12/7/18 DCH. 8400 AADT. Asbuilt shows 5" HMA over 7" pulverize over base, 14.5% trucks, 1,900,000 esals. Propose No premill (assuming it is allowed), 2.75" HMA (5 MT 58-34V), 4" CIR. If a premill is required, I may recommend a 3.25" mill and overlay. 1000 CY of CIR base repair. Expected life is 12 - 15 yrs.

Pavement Comments

Last updated by HARINGS, DEVIN C on 01/31/2019