



PAVEMENT DESIGN
 600TH ST STA 100+00 TO STA 124+18.69
 STRUCTURAL DESIGN TRAFFIC YEAR: 2019
 PV = 105 SU = 8 MU = 7
 IBV = 3.0 TRAFFIC FACTOR = 0.036
 PERCENT OF SDT FOR TWO LANES
 PV = 88% SU = 7.0% MU = 5.0%
 HEAVY TRUCKS = 75 TRAFFIC FACTOR = 0.768
 DESIGN TRAFFIC FACTOR = 0.804
 STRUCTURAL NUMBER = 4.05

PAVEMENT COMPOSITION
 EXISTING
 11 1/2" HMA A₁ = 0.23
 10 1/2" AGGREGATE A₂ = 0.08
 PROPOSED
 4" HMA A₁ = 0.36

CUMMINS ENGINEERING CORPORATION	JOB = 2217	DESIGNED - NAK	REVISED -
	FILE NAME = 2217typ.dgn	DRAWN - AJH	REVISED -
	PLOT SCALE = 10.0000' / IN.	CHECKED - NAK	REVISED -
	PLOT DATE = 2/5/2009	DATE - 11/03/2008	REVISED -

LOGAN COUNTY
CH 10, TR 199A, TR 92 IMPROVEMENTS

TYPICAL CROSS SECTIONS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	05-00113-00-WR	LOGAN	63	4
CH 10, TR 199A, TR 92			CONTRACT NO.	
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

93482