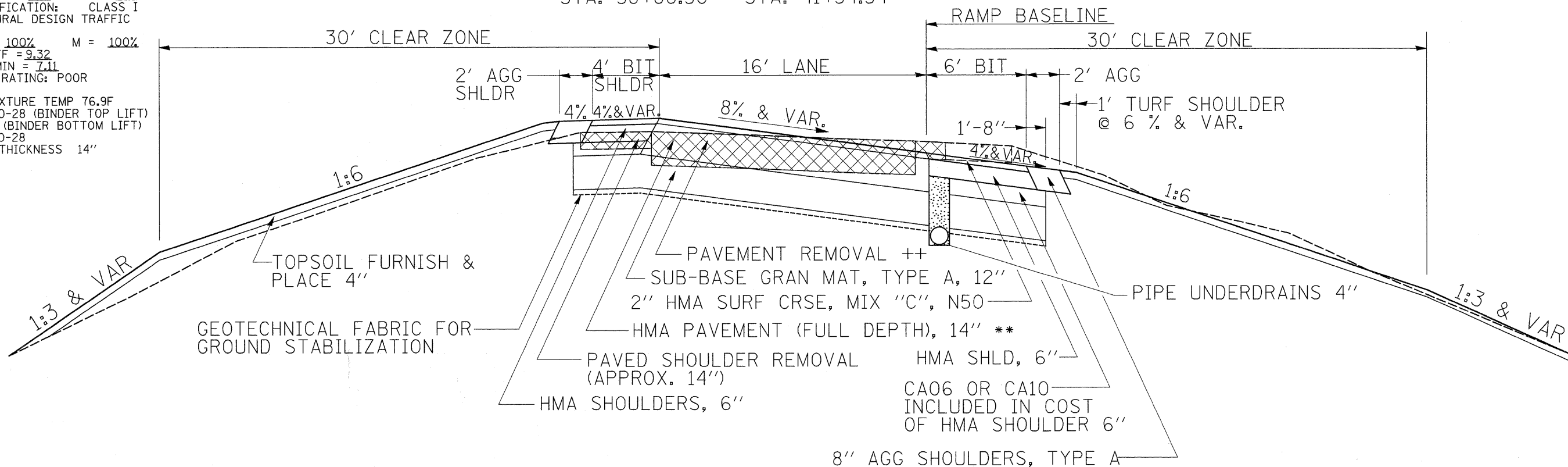


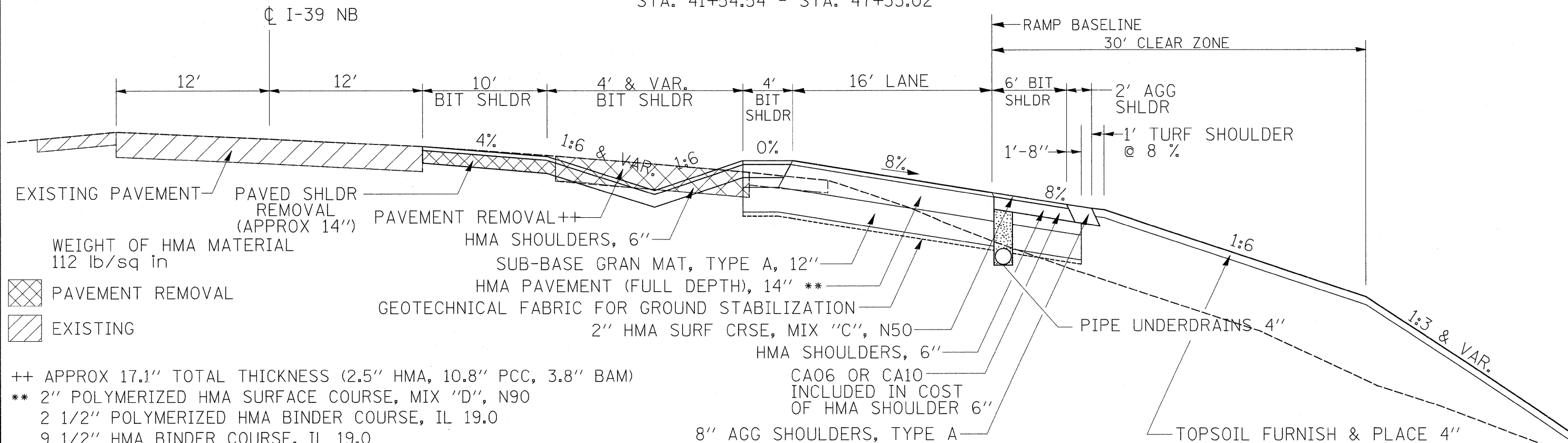
# TYPICAL SECTIONS

STA. 38+66.50 - STA. 41+54.54

STRUCTURAL DESIGN INFORMATION  
(FLEXIBLE PAVEMENT)  
STRUCTURAL DESIGN TRAFFIC: YEAR 2019  
PV= 3,046 SU= 123 MU= 931  
ROAD/STREET CLASSIFICATION: CLASS I  
PERCENT OF STRUCTURAL DESIGN TRAFFIC  
IN DESIGN LANE:  
P = 100% S = 100% M = 100%  
TRAFFIC FACTOR: TF = 9.32  
TRAFFIC FACTOR: MIN = 7.11  
SUB-GRADE SUPPORT RATING: POOR  
AC 20 AC MIXTURE TEMP 76.9F  
AC GRADE: SBS PG 70-28 (BINDER TOP LIFT)  
PG 64-22 (BINDER BOTTOM LIFT)  
SURFACE: SBS PG 70-28  
FLEXIBLE PAVEMENT THICKNESS 14"



STA. 41+54.54 - STA. 47+35.02



EXISTING PAVEMENT  
PAVED SHLDR  
REMOVAL  
(APPROX 14")

WEIGHT OF HMA MATERIAL  
112 lb/sq in

PAVEMENT REMOVAL  
EXISTING

++ APPROX 17.1" TOTAL THICKNESS (2.5" HMA, 10.8" PCC, 3.8" BAM)  
\*\* 2" POLYMERIZED HMA SURFACE COURSE, MIX "D", N90  
2 1/2" POLYMERIZED HMA BINDER COURSE, IL 19.0  
9 1/2" HMA BINDER COURSE, IL 19.0

FILE NAME =	USER NAME = stringerjm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.I. RTE. 39	SECTION (141-1M-1)	COUNTY OGLE	TOTAL SHEETS 82	SHEET NO. 7
ct:\pw\work\NPWIDOT\STRINGERJM\dms84027\200309-shl-typical.dgn	200309-shl-typical.dgn	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. 7 OF 82 SHEETS	STA.	TO STA.	CONTRACT NO. 64E60			
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -									
PLOT DATE = Fri Jan 23 11:04:46 2009		DATE -	REVISED -									