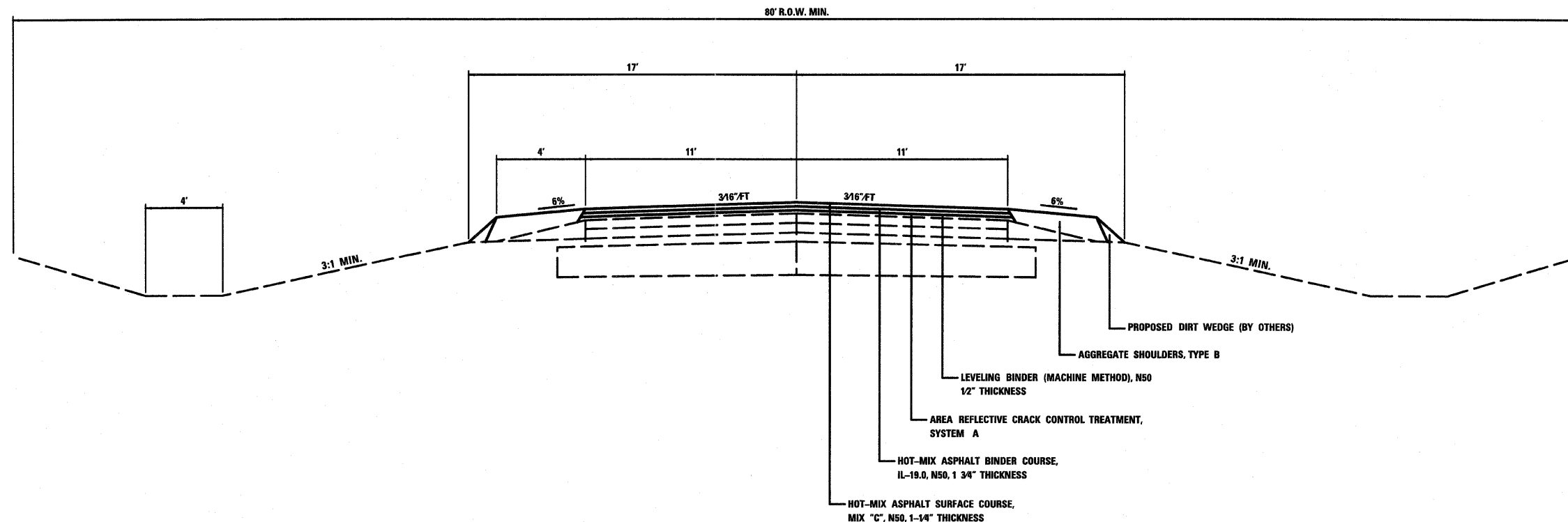


### TYPICAL CROSS SECTION

SEC. 11-00041-03-RS  
 LEROY-LEXINGTON RD (CH 21)  
 STA: 223+92 TO 346+47



STRUCTURAL DESIGN DATA 80,000#					
CLASS III ROAD DESIGN PERIOD 20 YEARS					
CURRENT A.D.T.		554			
STRUCTURAL DESIGN TRAFFIC:		676	YEAR:	2031	
PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:					
P.C.	88%	S.U.	7%	M.U.	5%
P.C.	595	S.U.	47	M.U.	34
MINIMUM SOIL SUPPORT:		IBR = 3.0			
TRAFFIC FACTOR (T.F.)=		0.182			
STRUCTURAL NUMBER (Dt)=		3.2			
PAVEMENT STRUCTURE MATERIALS:					
SURFACE:	PROPOSED BITUMINOUS CONCRETE	2.75 @ 0.40	a1=	1.10	
BASE:	EXISTING BITUMINOUS CONCRETE	2.25 @ 0.23	a2=	0.52	
BASE:	EXISTING BITUMINOUS (SCARIFIED)	3 @ 0.15	a3=	0.45	
SUBBASE:	EXISTING AGGREGATE BASE COURSE	12 @ 0.10	a4=	1.20	
PROPOSED Dt TOTAL					3.27