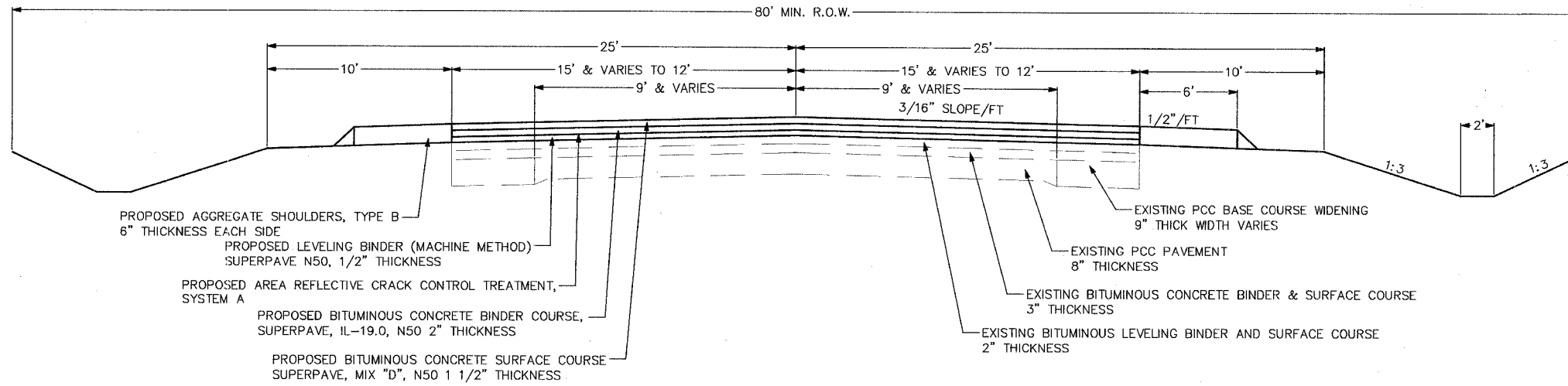


\* 03-00182-00-RS  
CONTRACT NO. 87275

**TYPICAL CROSS SECTION #1**  
STA: 603+44 TO STA: 607+43 (30' PAVEMENT)  
STA: 607+43 TO STA: 608+78 (TAPERS TO 24' PAVEMENT)



STRUCTURAL DESIGN DATA 73,280#

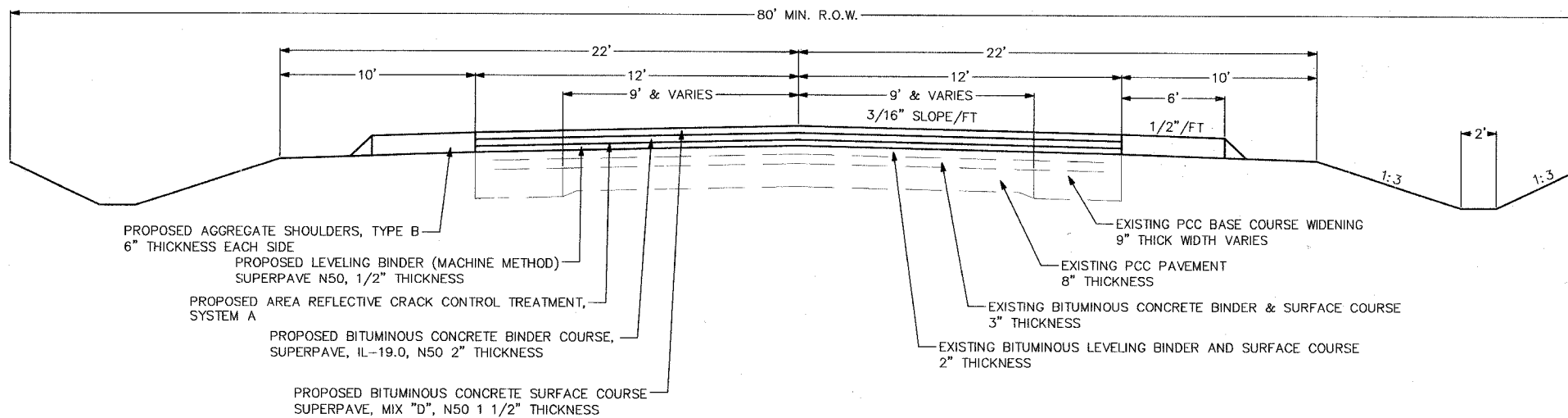
CLASS II ROAD	DESIGN PERIOD 20 YEARS
STRUCTURAL DESIGN TRAFFIC: 8010	YEAR: 2015
PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:	
P.C. 88%	S.U. 7% M.U. 5%
P.C. 7049	S.U. 561 M.U. 401
MINIMUM SOIL SUPPORT: IBR= 3.0	
TRAFFIC FACTOR (T.F.)= 1.76	
STRUCTURAL NUMBER (Dt): 3.2	
PAVEMENT STRUCTURE MATERIALS:	
SURFACE: PROPOSED BITUMINOUS SURFACE COURSE	4" @ 0.40 a1= 1.60
BASE: EXISTING BITUMINOUS CONCRETE	5" @ 0.30 a2= 1.50
SUBBASE: EXISTING CONCRETE BASE COURSE	8" @ 0.10 a3= 0.80

PROPOSED (Dt) TOTAL= 3.90

**TYPICAL CROSS SECTION #2**

STA: 608+78 TO STA: 627+33  
STA: 629+02 TO STA: 630+88.88  
STA: 632+34.46 TO STA: 716+77.02\*  
STA: \*736+12.24 TO STA: 752+22  
STA: 754+60 TO STA: 769+27  
STA: 769+33 TO STA: 792+09  
STA: 794+27 TO STA: 818+50  
STA: 819+85 TO STA: 835+43

\* STA: 716+77.02 BACK = 90+16.41 AHEAD (INTERSECTION WORK AT COLLEGE AVE.)  
STA: 736+12.24 AHEAD = 109+51.63 BACK (INTERSECTION WORK AT COLLEGE AVE.)  
SEE TYPICAL SHEETS NO. 12-13



STRUCTURAL DESIGN DATA 73,280#

CLASS II ROAD	DESIGN PERIOD 20 YEARS
STRUCTURAL DESIGN TRAFFIC: 8010	YEAR: 2015
PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:	
P.C. 88%	S.U. 7% M.U. 5%
P.C. 7049	S.U. 561 M.U. 401
MINIMUM SOIL SUPPORT: IBR= 3.0	
TRAFFIC FACTOR (T.F.)= 1.76	
STRUCTURAL NUMBER (Dt): 3.2	
PAVEMENT STRUCTURE MATERIALS:	
SURFACE: PROPOSED BITUMINOUS SURFACE COURSE	4" @ 0.40 a1= 1.60
BASE: EXISTING BITUMINOUS CONCRETE	5" @ 0.30 a2= 1.50
SUBBASE: EXISTING CONCRETE BASE COURSE	8" @ 0.10 a3= 0.80

PROPOSED (Dt) TOTAL= 3.90