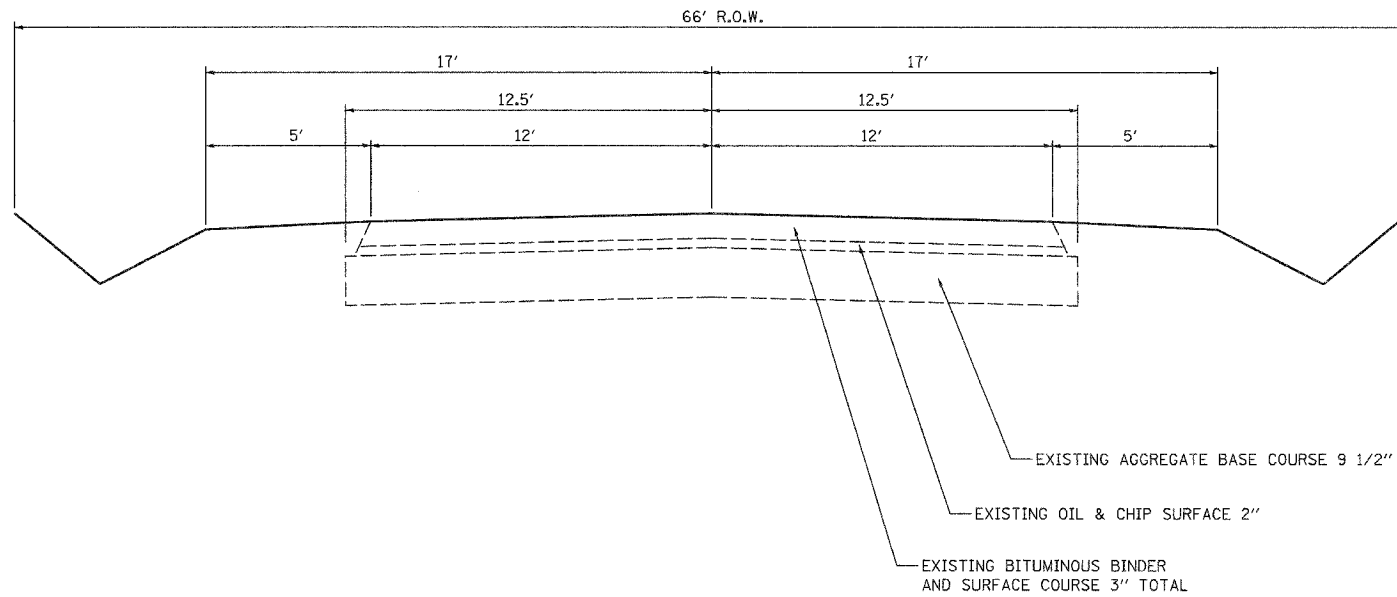


CO HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
21	04-00044-08-WR	McLEAN	9	3

EXISTING TYPICAL CROSS SECTION #1

SEC. 04-00044-08-WR
 LEXINGTON-LEROY RD (CH 21)
 STA: 0+43 TO STA: 17+90



STRUCTURAL DESIGN DATA 73,280#

CLASS III ROAD DESIGN PERIOD 20 YEARS
 STRUCTURAL DESIGN TRAFFIC: 1800 YEAR: 2016
 PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:
 P.C. 88% S.U. 7% M.U. 5%
 P.C. 1584 S.U. 126 M.U. 90
 MINIMUM SOIL SUPPORT: IBR= 3.0
 TRAFFIC FACTOR (T.F.)= 0.393
 STRUCTURAL NUMBER (Dt): 3.7
 PAVEMENT STRUCTURE MATERIALS:
 SURFACE: PROPOSED BITUMINOUS SURFACE COURSE 4" @ 0.40 a1= 1.60
 BASE: EXISTING BITUMINOUS CONCRETE 3" @ 0.30 a2= 0.90
 BASE: EXISTING OIL & CHIP SURFACE 2" @ 0.16 a2= 0.32
 SUBBASE: EXISTING AGGREGATE BASE COURSE 9" @ 0.10 a3= 0.90

PROPOSED (Dt) TOTAL= 3.72

PROPOSED TYPICAL CROSS SECTION #1

SEC. 04-00044-08-WR
 LEXINGTON-LEROY RD (CH 21)
 STA: 0+43 TO STA: 17+90

