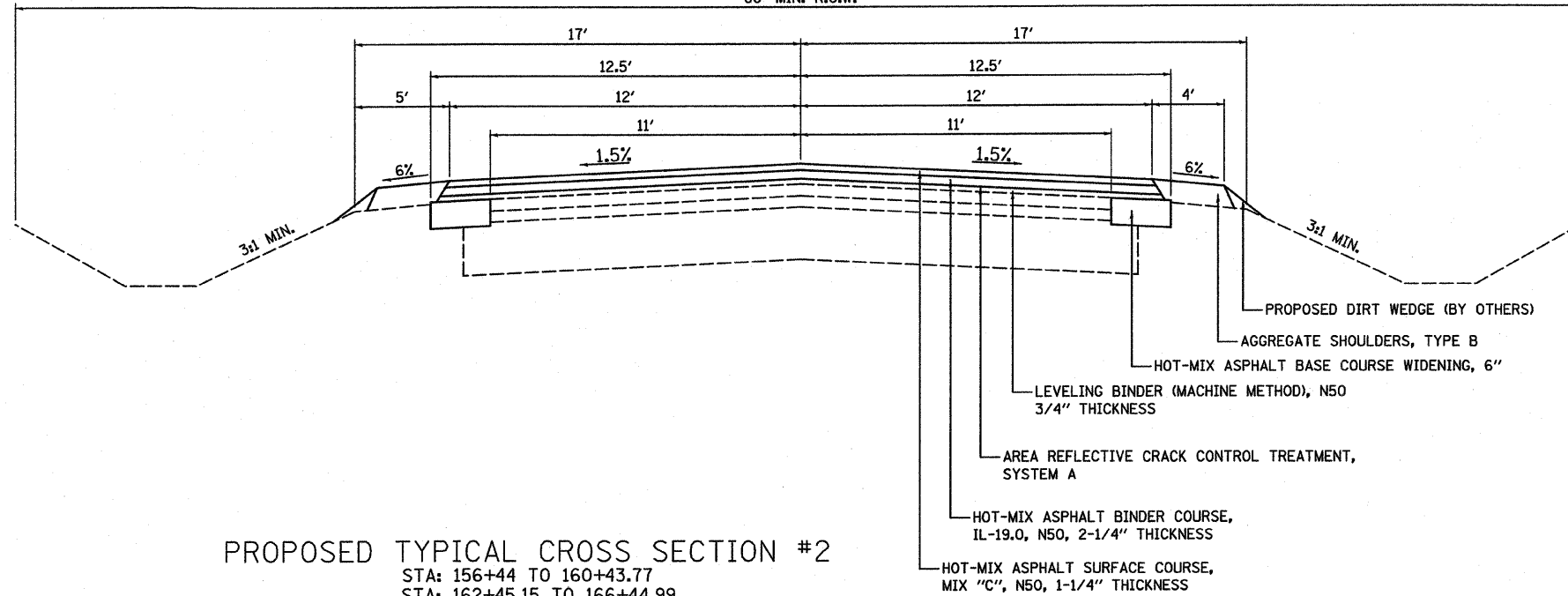


PIPELINE RD (CH 31)

PROPOSED TYPICAL CROSS SECTION #1

STA: 87+54 TO 156+44
 STA: 160+43.77 TO 162+45.15
 STA: 166+44.99 TO 240+12.50
 (OMISSION STA: 80+27.50 TO STA: 87+54)
 (OMISSION STA: 240+12.5 TO STA: 241+02.50)

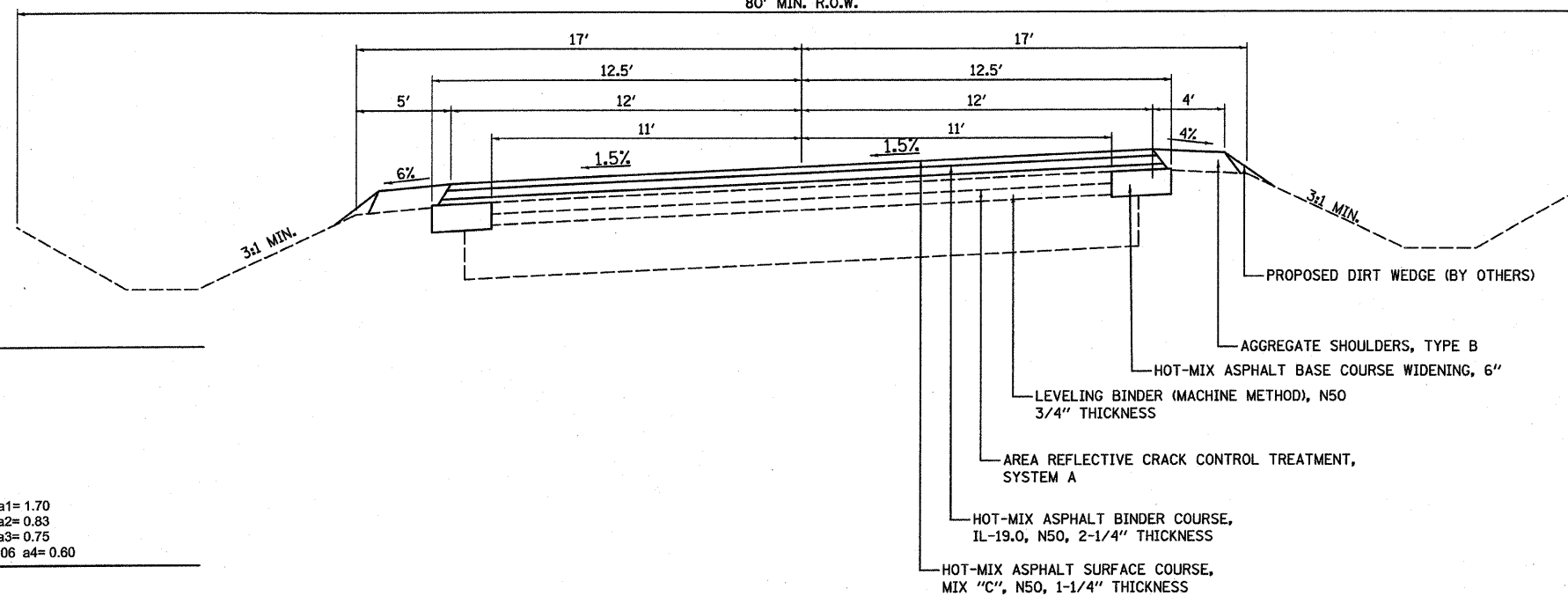
80' MIN. R.O.W.



PROPOSED TYPICAL CROSS SECTION #2

STA: 156+44 TO 160+43.77
 STA: 162+45.15 TO 166+44.99

80' MIN. R.O.W.



STRUCTURAL DESIGN DATA 80,000# PROPOSED TYPICAL

CLASS III ROAD DESIGN PERIOD 20 YEARS
 STRUCTURAL DESIGN TRAFFIC: 2440 YEAR: 2018
 PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:
 P.C. 88% S.U. 7% M.U. 5%
 P.C. 2147 S.U. 171 M.U. 122
 MINIMUM SOIL SUPPORT: IBR= 3.0
 TRAFFIC FACTOR (T.F.)= 0.533
 STRUCTURAL NUMBER (D_s): 3.8
 PAVEMENT STRUCTURE MATERIALS:
 SURFACE: PROPOSED HOT-MIX ASPHALT 4.25" @ 0.40 a1= 1.70
 BASE: EXISTING BITUMINOUS CONCRETE 2.75" @ 0.30 a2= 0.83
 BASE: EXISTING BITUMINOUS CONCRETE 3.25" @ 0.23 a3= 0.75
 SUBBASE: EXISTING AGGREGATE BASE COURSE 10" @ 0.06 a4= 0.60

PROPOSED (D_s) TOTAL= 3.88

FILE NAME =	USER NAME = SUSERS	DESIGNED =	REVISED =
SHILLS		DRAWN = EJJ	REVISED =
		CHECKED =	REVISED =
		DATE =	REVISED =

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

SCALE: NO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1472	07-00073-09-WR	McLEAN	8	3
CONTRACT NO. 91434				
FED. ROAD DIST. NO. 5 ILLINOIS FED. AID PROJECT				