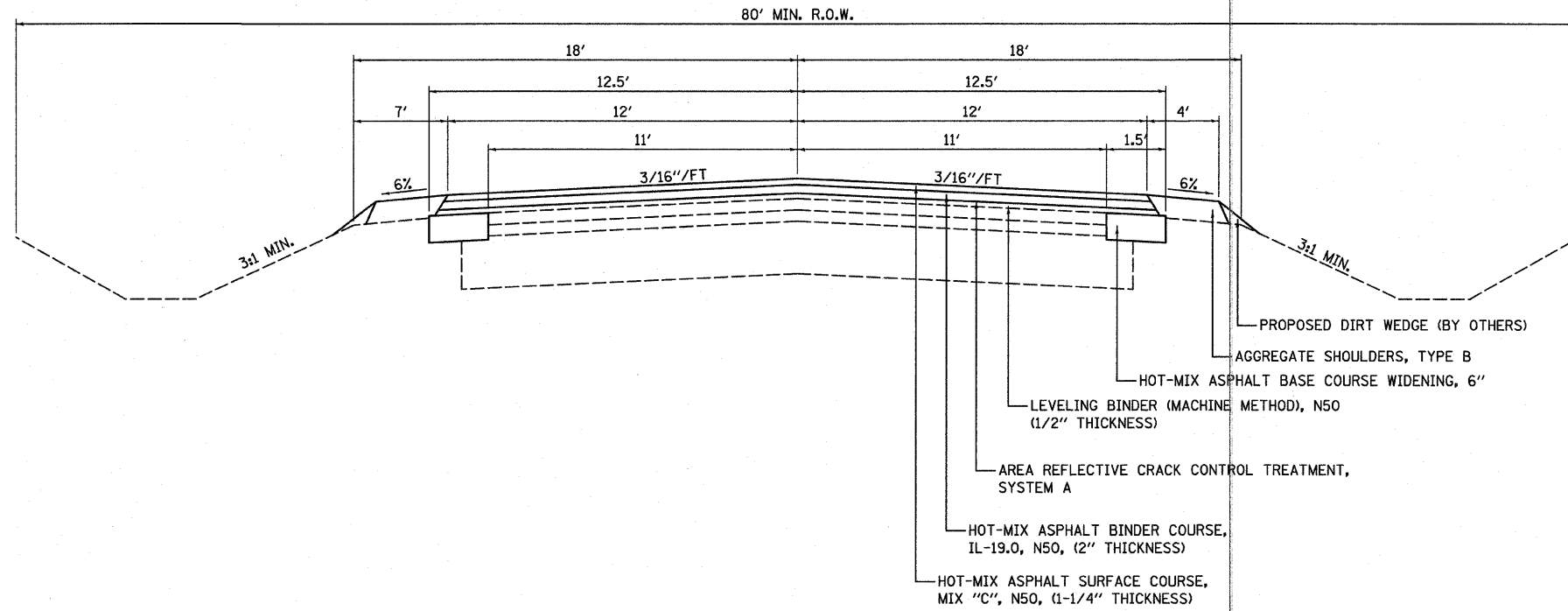


PIPELINE RD (CH 31)

PROPOSED TYPICAL CROSS SECTION
 STA: 241+92.50 TO 330+50.80
 331+59.46 TO 346+35.46



STRUCTURAL DESIGN DATA 80,000#
 CLASS III ROAD DESIGN PERIOD 20 YEARS
 STRUCTURAL DESIGN TRAFFIC: 1537 YEAR: 2021
 PERCENT OF DESIGN TRAFFIC IN DESIGN LANE:
 P.C. 88% S.U. 7% M.U. 5%
 P.C. 1353 S.U. 108 M.U. 77
 MINIMUM SOIL SUPPORT: IBR= 3.0
 TRAFFIC FACTOR (T.F.)= 0.415
 STRUCTURAL NUMBER (Dt): 3.7
 PAVEMENT STRUCTURE MATERIALS:
 SURFACE: PROPOSED HOT-MIX ASPHALT 3.75" @ 0.40 a1= 1.50
 BASE: EXISTING BITUMINOUS CONCRETE 2.25" @ 0.30 a2= 0.68
 BASE: EXISTING BITUMINOUS CONCRETE 3" @ 0.12 a3= 0.69
 SUBBASE: EXISTING AGGREGATE BASE COURSE 9" @ 0.06 a4= 0.90

PROPOSED (Dt) TOTAL= 3.77

FILE NAME =	USER NAME = SUSERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED CROSS SECTIONS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NO.	PLOT SCALE = SCALES	DRAWN -	REVISED -			1472	08-00073-10-WR	McLEAN	9	3
PLOT DATE = DATES	CHECKED -	REVISED -	REVISED -			COUNTY HIGHWAY 31		CONTRACT NO. 91456		
DATE -	DATE -	REVISED -	REVISED -			SCALE: NO SCALE	SHEET NO. 1 OF 1 SHEETS	STA. 241+25 TO STA. 320+00	FED. ROAD DIST. NO. 5	ILLINOIS