

TYPICALS & PAVEMENT DESIGN

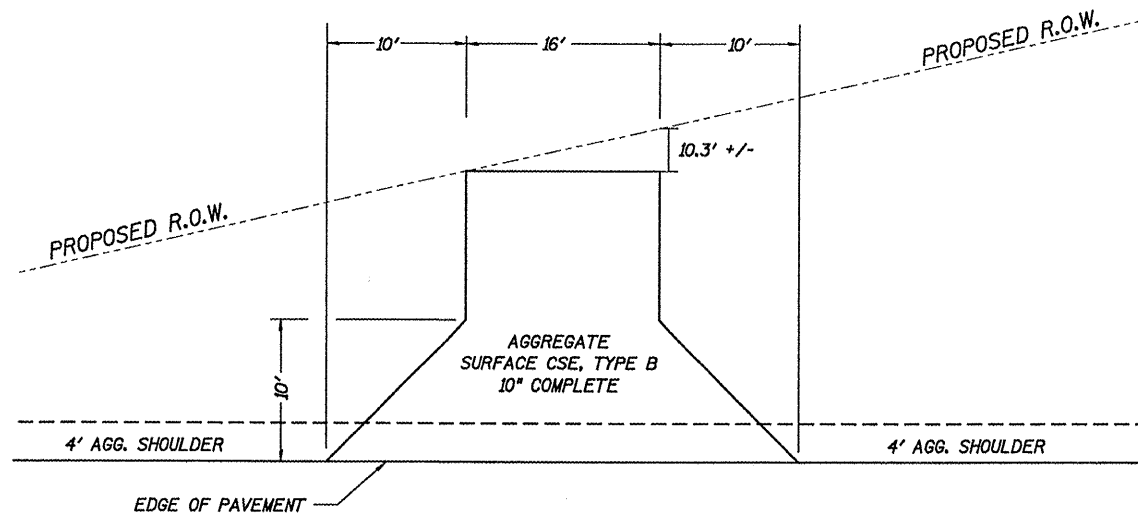
PAVEMENT STRUCTURAL DESIGN EAST BETHEL ROAD STA. 18+00 - 23+30

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2011	
CLASS IV ROAD	P.V. 267
80,000* TRUCK DESIGN	S.U. 5 } 275 ADT
	M.U. 3
E_{PI} : (ASSUMED) 2 ksi	1.5" HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50
TF = 0.74	1.5" HOT-MIX ASPHALT BINDER COURSE, IL 12.5, N50
HMA MIX TEMP. 78.5° F	4" AGGREGATE BASE COURSE, T-A
HMA E_{AC} = 580 ksi	8" SUB-BASE GRANULAR MATERIAL, T-B
HMA DESIGN STRAIN = 116 microstrain	

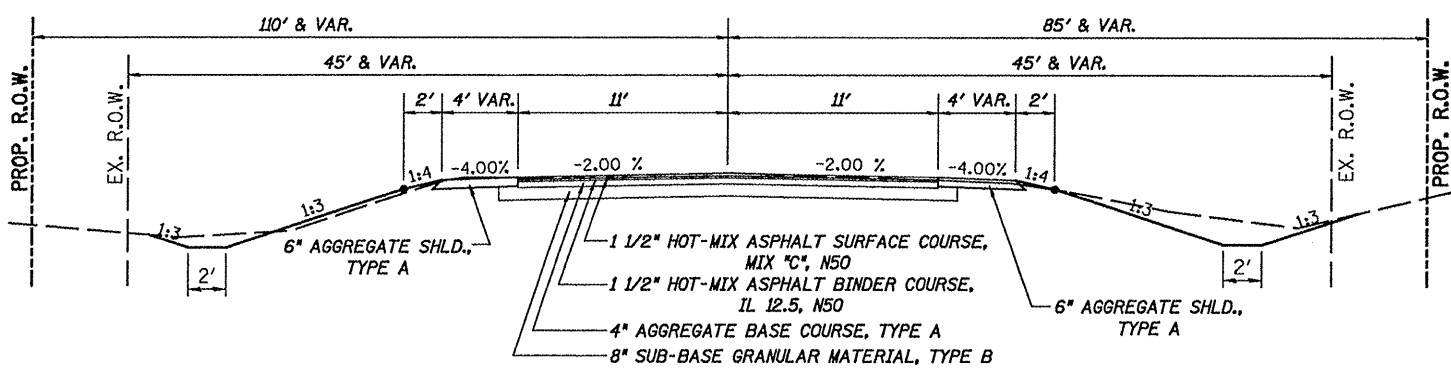
POINT #	STATION	O/S	ELEV	NORTH	EAST
100	14+18	15.8' LT	703.25	2053478.38	2297946.22
103	23+96	15.8' RT	722.45	2052973.96	2298784.55
107	23+01	16.0' RT	715.70	2053019.99	2298701.76
110	22+17	91.1' LT	695.56	2053154.70	2298680.23

PAVEMENT MIXTURE REQUIREMENTS

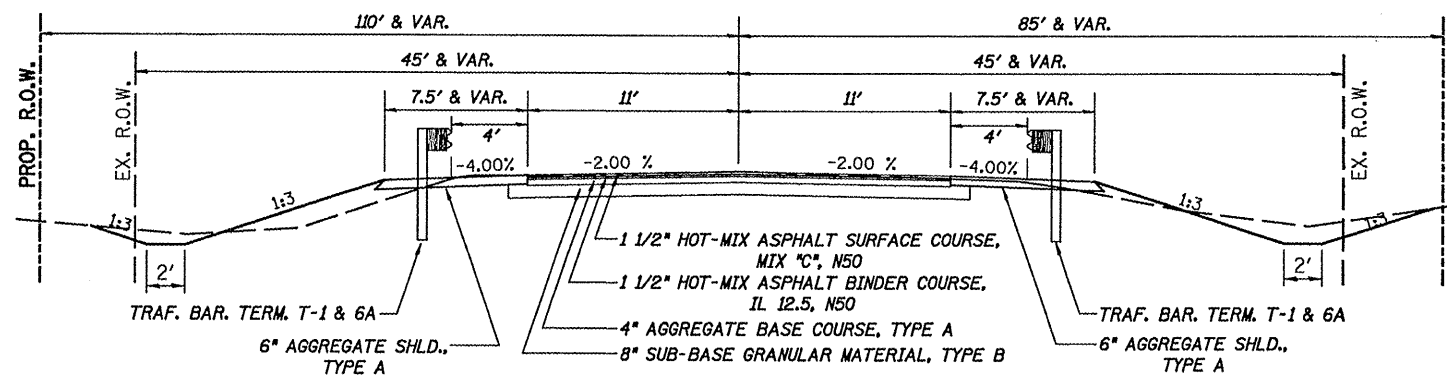
LOCATION:	EAST BETHEL ROAD - STA. 18+25 - 22+25	
MIXTURE USE:	BINDER	SURFACE
PG:	PG 58-22	PG 58-22
DESIGN AIR VOIDS	3.0 @ N50	3.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 12.5 OR 9.5	IL 12.5 OR 9.5
FRICTION AGGREGATE	N/A	C
ESAL		0.0



FIELD ENTRANCE LEFT
STA. 18+50



STA. 18+25 - 18+74
STA. 21+56 - 22+25



STA. 18+74 - 19+26.23
STA. 21+03.77 - 21+56

FILE = S:\PROJECTS\2010\1183 - Jo Daviess County - Bethel Road\DESIGN\1183TYP\pavdes.dgn

REV.	DATE	BY	REMARKS

DRAWN M.P.O.	JO DAVIESS COUNTY BRIDGE REPLACEMENT EAST BETHEL ROAD OVER LITTLE RUSH CREEK 2011
CHECKED D.L.B.	
APPROVED X.X.X.	

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ROADWAY TYPICALS ENTRANCE TYPICAL PAVEMENT INFORMATION	
SECTION	COUNTY
10-00134-00-BR	JO DAVIESS
STA.	STA.
WHA PROJECT: 1183D10	DATE: 1/2011

TOTAL SHEETS	SHEET NO.
34	3