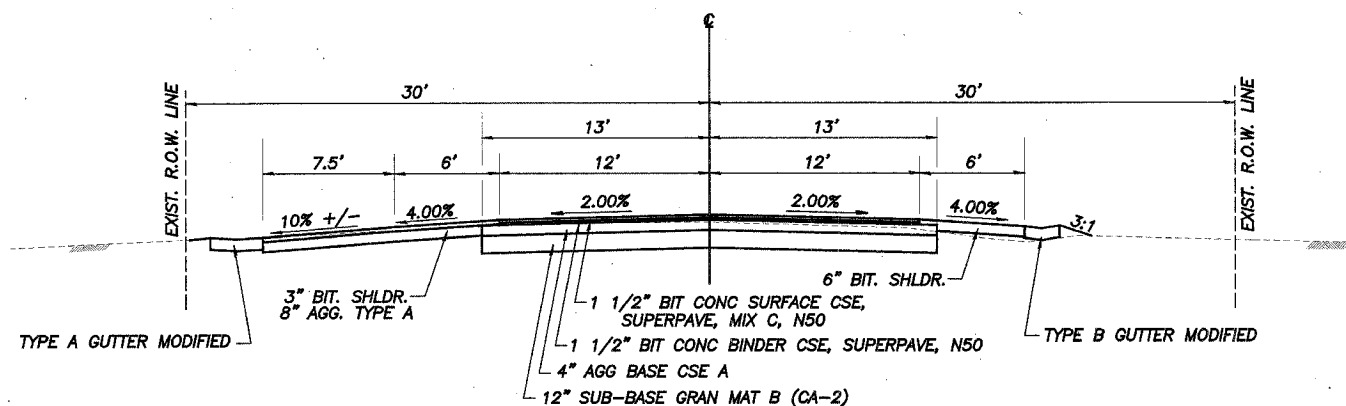


TYPICAL SECTIONS

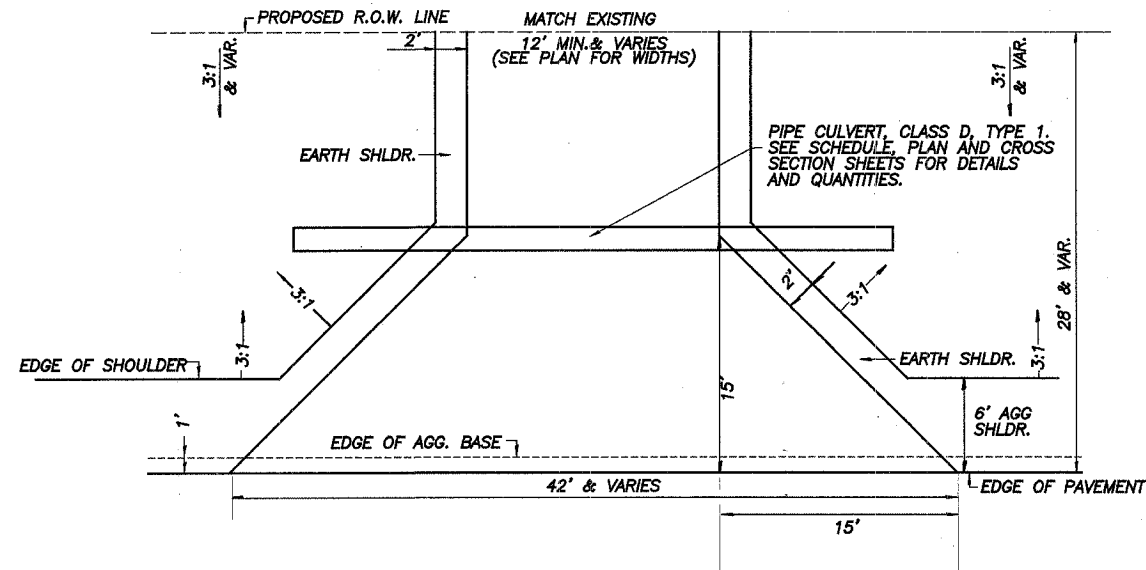
F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5585	04-00229-00-FF	OGLE	42	3
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONSTRUCT PRIVATE ENTRANCES WITH 8" AGGREGATE BASE COURSE, TYPE A (CA-6) AND 3" BITUMINOUS MIXTURE COMPLETE. (SAME FOR MAILBOX TURNOUT)

CONSTRUCT FIELD ENTRANCES WITH 10" AGGREGATE BASE COURSE, TYPE A (CA-6).



TYPICAL SECTION
CENTER ROAD
STA. 87+60 TO 89+65



PAVEMENT MIXTURE REQUIREMENTS
CONSTRUCTION

	BINDER / SHOULDER	SURFACE / SHOULDER (TOP 1 1/2")
PG:	PG 58-22	PG 58-22
RAP % (MAX)	25	15
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

**CENTER ROAD
PAVEMENT STRUCTURAL DESIGN**
80,000 LB. DESIGN

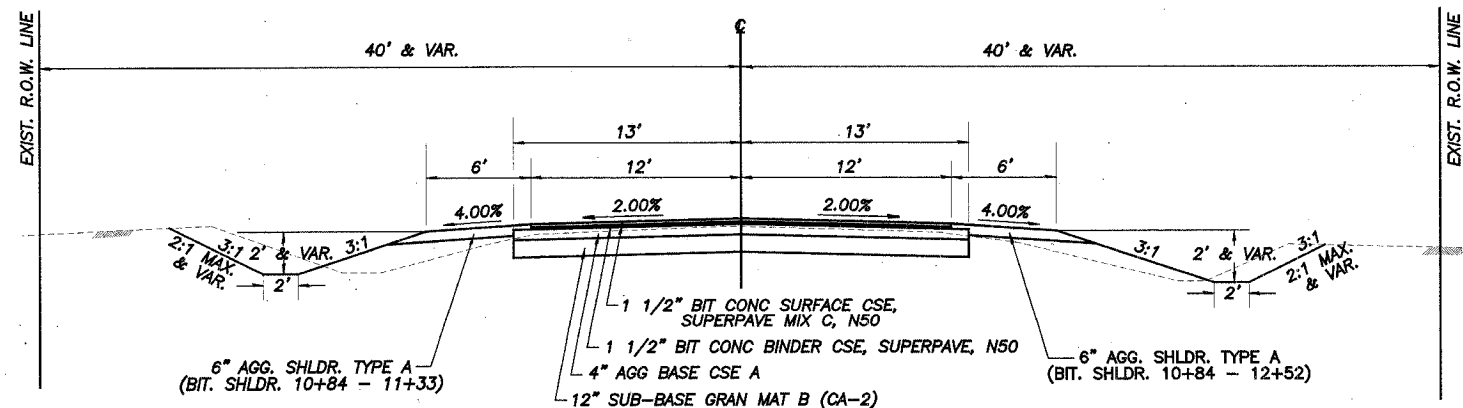
STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2015 P.V. 1485
S.U. 10 > 1500 ADT
M.U. 5

CLASS III ROAD

ASSUME $E_{R1} = 2.0$ KSI
 $T.F. = 0.032$; $E_{AC} = 650$

OGLE COUNTY MIN. 12" ENHANCE BASE BY 4"
USE 1 1/2" BIT. CONC. SURFACE CSE, SUPERPAVE, MIX C, N50
1 1/2" BIT. CONC. BINDER CSE, SUPERPAVE, N50
4" AGGREGATE BASE CSE, TYPE A
12" SUB-BASE GRANULAR MATERIAL, TYPE B (CA-2)

PAVEMENT DESIGN PROCEDURES BUREAU OF LOCAL ROADS AND STREETS MANUAL WAS USED.



TYPICAL SECTION
CENTER ROAD
STA. 10+84 TO 87+60