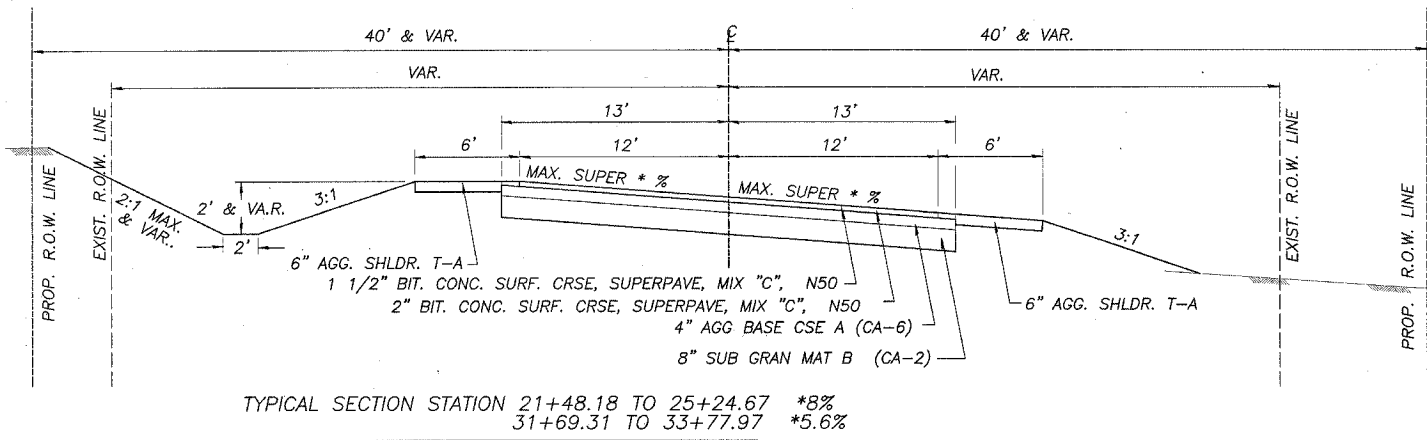
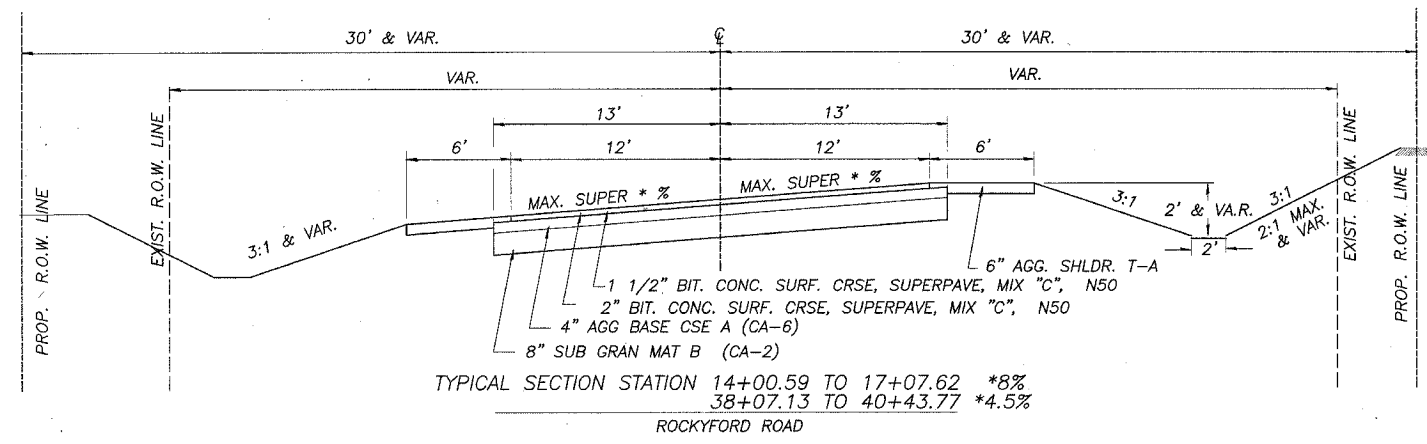
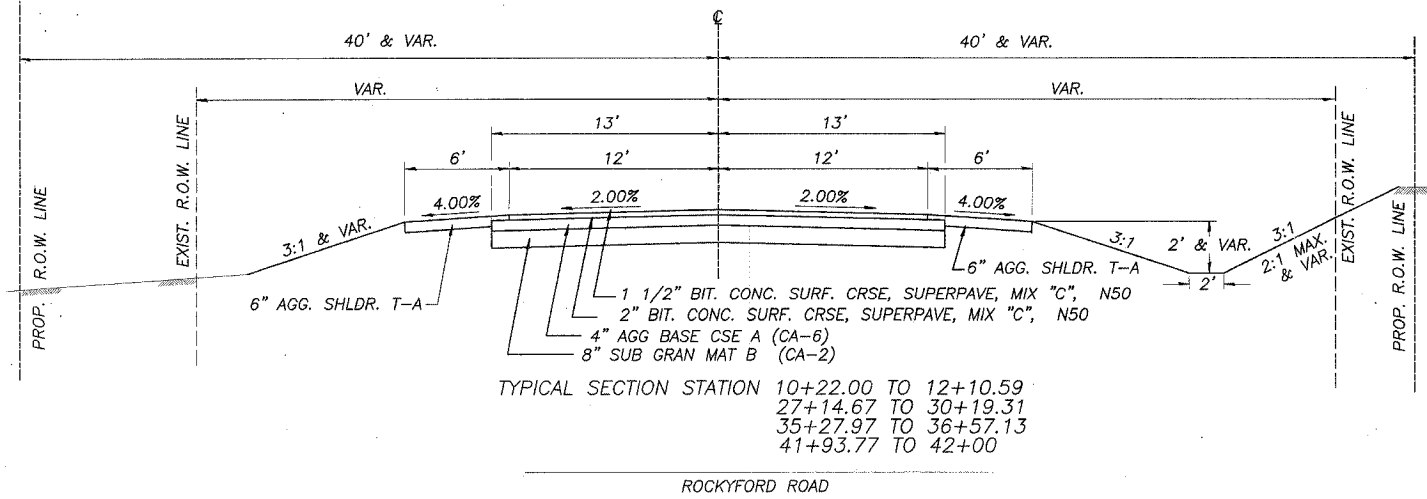


PROPOSED TYPICAL SECTIONS

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00282-00-BR		LEE	51	6
FED. ROAD DIST. NO. 7		RUMOR		FED. AID PROJECT



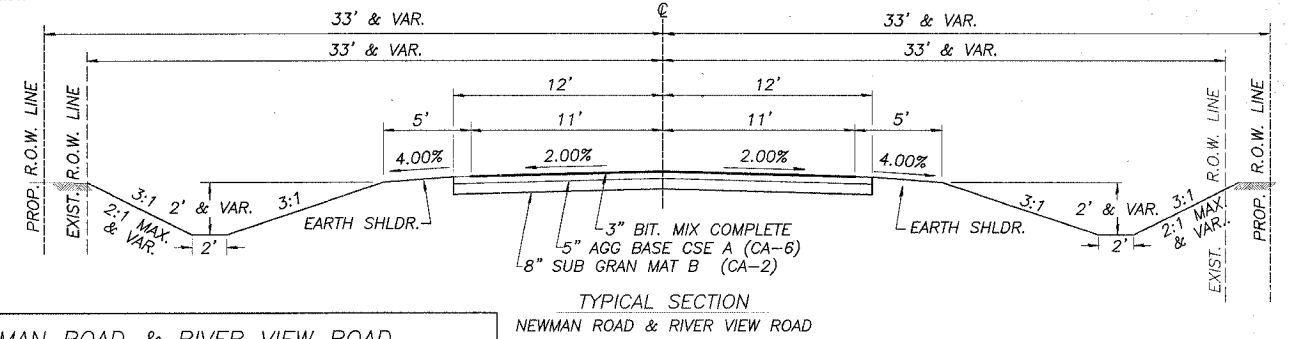
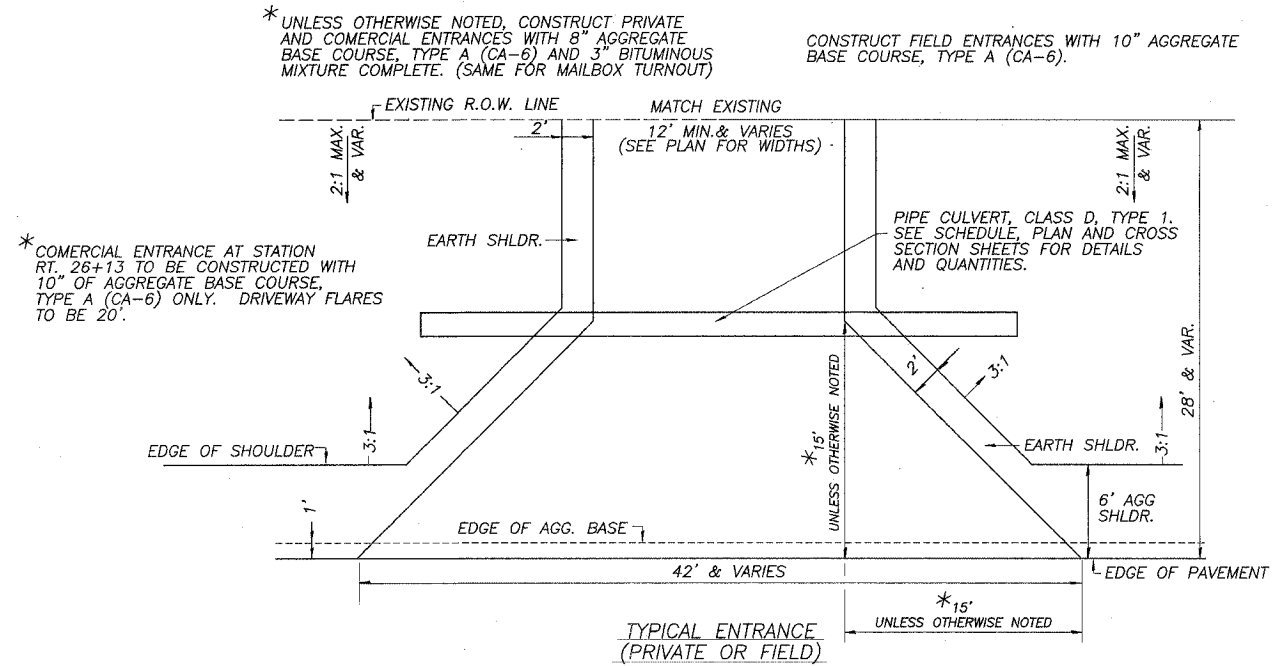
PAVEMENT MIXTURE REQUIREMENTS

MIXTURE USE	CONSTRUCTION SURFACE
PG:	PG 58-22
RAP % (MAX)	15
DESIGN AIR Voids	3.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5
FRICTION AGGREGATE	C
20 YEAR ESAL	0.11

ROCKYFORD ROAD PAVEMENT STRUCTURAL DESIGN
80,000 LB. DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2014 P.V. 910
S.U. 20 > 950 ADT
M.U. 20

ASSUMED: $E_{Ri} = 2.0$ KSI
CLASS III ROAD T. F. 0.10; AC 5 OR 10
USE: 1 1/2" BIT. CONC. SURF. CRSE, SUPERPAVE, MIX C, N50
2" BIT. CONC. SURF. CRSE, SUPERPAVE, MIX C, N50
4" AGGREGATE BASE CRSE, TYPE A
8" SUB-BASE GRANULAR MATERIAL, TY B
PAVEMENT DESIGN PROCEDURES MEMORANDUM #95-11 TO COUNTY ENGINEERS/SUPERINTENDENTS OF HIGHWAYS, MUNICIPAL ENGINEERS /DIRECTORS OF PUBLIC WORKS, CONSULTING ENGINEERS WAS USED.



NEWMAN ROAD & RIVER VIEW ROAD PAVEMENT STRUCTURAL DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.) = YEAR 2014 P.V. 100
S.U. 5 } 110 ADT
M.U. 5 }

ASSUMED: CLASS IV ROAD
OGLE COUNTY SOIL SURVEY: AASHTO SOIL TYPE A-6 & 7.
 $E_{Ri} = 3.0$ KSI
USE 13" AGGREGATE BASE
PAVEMENT DESIGN PROCEDURES MEMORANDUM #95-11 TO COUNTY ENGINEERS/SUPERINTENDENTS OF HIGHWAYS, MUNICIPAL ENGINEERS /DIRECTORS OF PUBLIC WORKS, CONSULTING ENGINEERS WAS USED.

