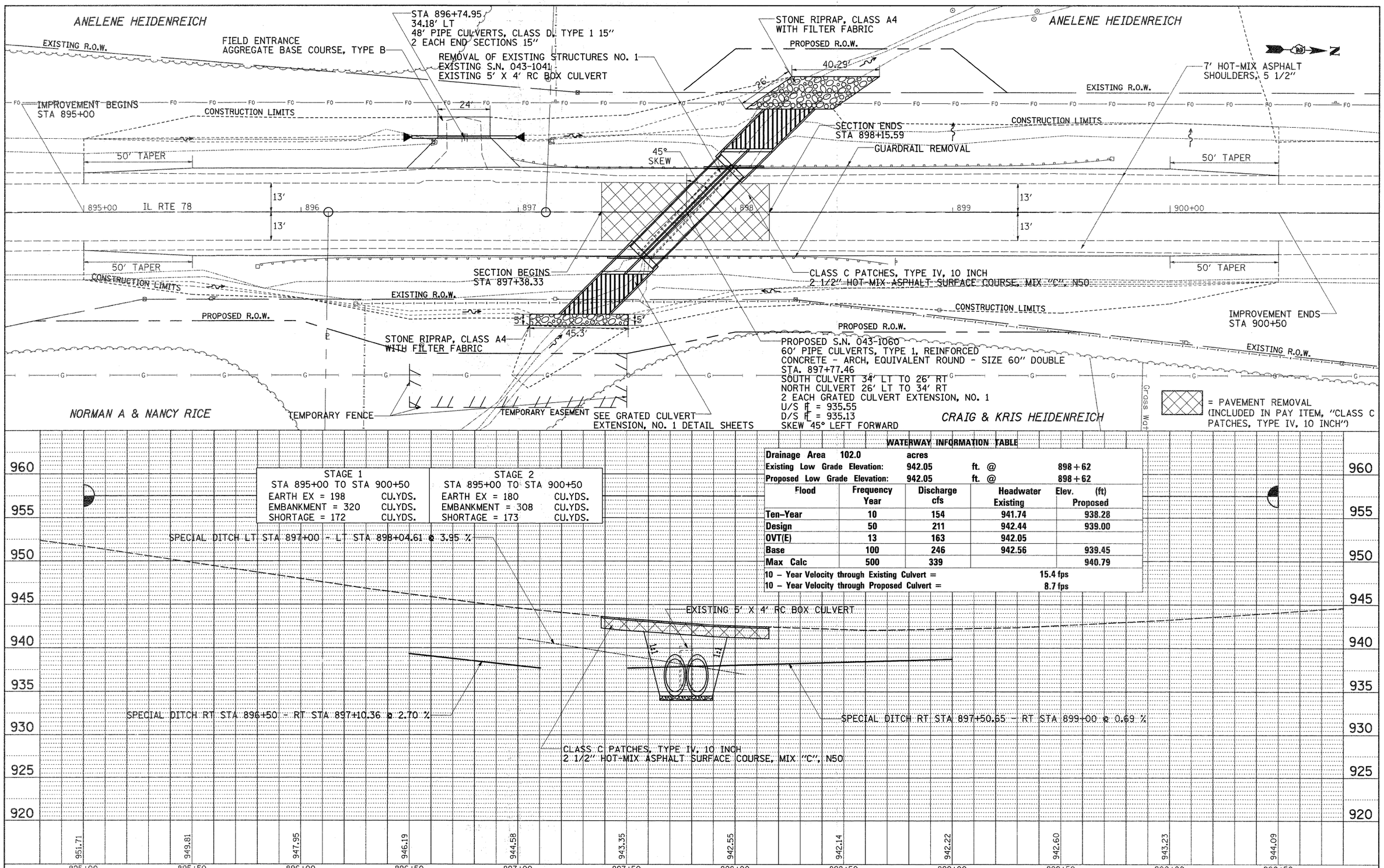

STAGE 1		STAGE 2	
STA 895+00 TO STA 900+50		STA 895+00 TO STA 900+50	
EARTH EX = 198	CU.YDS.	EARTH EX = 180	CU.YDS.
EMBANKMENT = 320	CU.YDS.	EMBANKMENT = 308	CU.YDS.
SHORTAGE = 172	CU.YDS.	SHORTAGE = 173	CU.YDS.

WATERWAY INFORMATION TABLE

Drainage Area	102.0	acres		
Existing Low Grade Elevation:	942.05	ft. @	898+62	
Proposed Low Grade Elevation:	942.05	ft. @	898+62	
Flood	Frequency Year	Discharge cfs	Headwater Elev. (ft) Existing	Proposed
Ten-Year	10	154	941.74	938.28
Design	50	211	942.44	939.00
OVT(E)	13	163	942.05	
Base	100	246	942.56	939.45
Max Calc	500	339		940.79
10 – Year Velocity through Existing Culvert =			15.4 fps	
10 – Year Velocity through Proposed Culvert =			8.7 fps	

PLAN: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ ALIGNMENT CHECKED ___ RT. OF WAY CHECKED ___ CADD FILE NAME ___ BY ___ DATE ___

PROFILE: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ B.M. NOTED ___ STRUCTURE NOTATNS CHKD ___ BY ___ DATE ___

FILE NAME = c:\pw_work\PWIDOT\GOFFJL\dms37299\d01107pln.dgn	USER NAME = goffjl	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Mon Sep 21 07:54:53 2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL RTE 78

SCALE: | SHEET NO. 1 OF 2 SHEETS | STA. 895+00 TO STA. 900+50

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
650	104T-2	JO DAVIESS	53	19

CONTRACT NO. 64C79

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT