

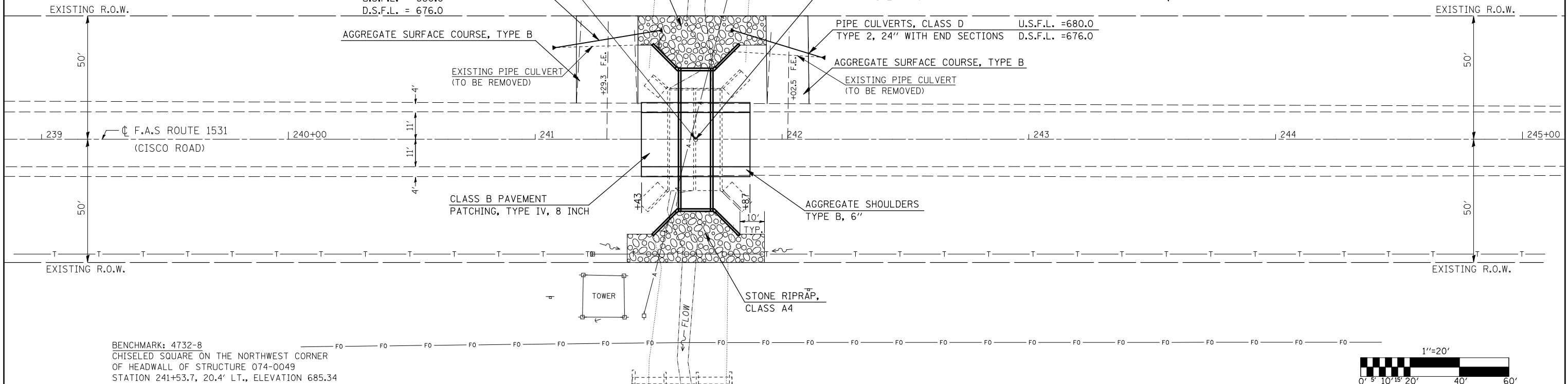
SEC. 17, T. 18 N., R. 5 E., 3rd P.M.

EXISTING S.N. 074-0049
STATION 241+65
R.C. BOX CULVERT 2 @ 10' x 9'
SKEW = 0°
REMOVE EXISTING STRUCTURE NO. 2
PIPE CULVERTS, CLASS D
TYPE 2, 24" WITH END SECTIONS
U.S.F.L. = 680.0
D.S.F.L. = 676.0

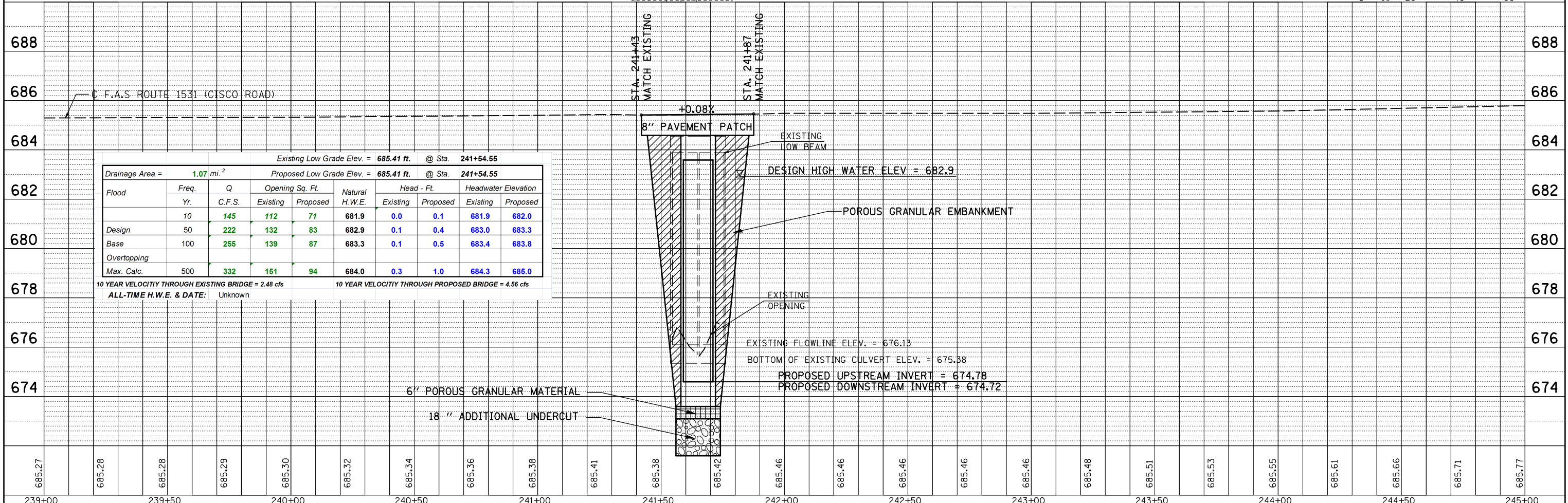
PROPOSED S.N. 074-8606
STATION 241+65
PRECAST BOX CULVERT WITH
CAST-IN-PLACE END SECTIONS &
SHEET PILE WINGWALLS
SINGLE 12' x 9' x 58'
SKEW = 0°



PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO.	



PROFILE	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILED	
	NO.	



Drainage Area = 1.07 mi. ²		Existing Low Grade Elev. = 685.41 ft. @ Sta. 241+54.55		Proposed Low Grade Elev. = 685.41 ft. @ Sta. 241+54.55		
Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Existing Proposed	Natural H.W.E.	Head - Ft. Existing Proposed	Headwater Elevation Existing Proposed
Design	10	145	112 71	681.9	0.0 0.1	681.9 682.0
Base	50	222	132 83	682.9	0.1 0.4	683.0 683.3
Overtopping	100	255	139 87	683.3	0.1 0.5	683.4 683.8
Max. Calc.	500	332	151 94	684.0	0.3 1.0	684.3 685.0

10 YEAR VELOCITY THROUGH EXISTING BRIDGE = 2.48 cfs
10 YEAR VELOCITY THROUGH PROPOSED BRIDGE = 4.56 cfs
ALL-TIME H.W.E. & DATE: Unknown