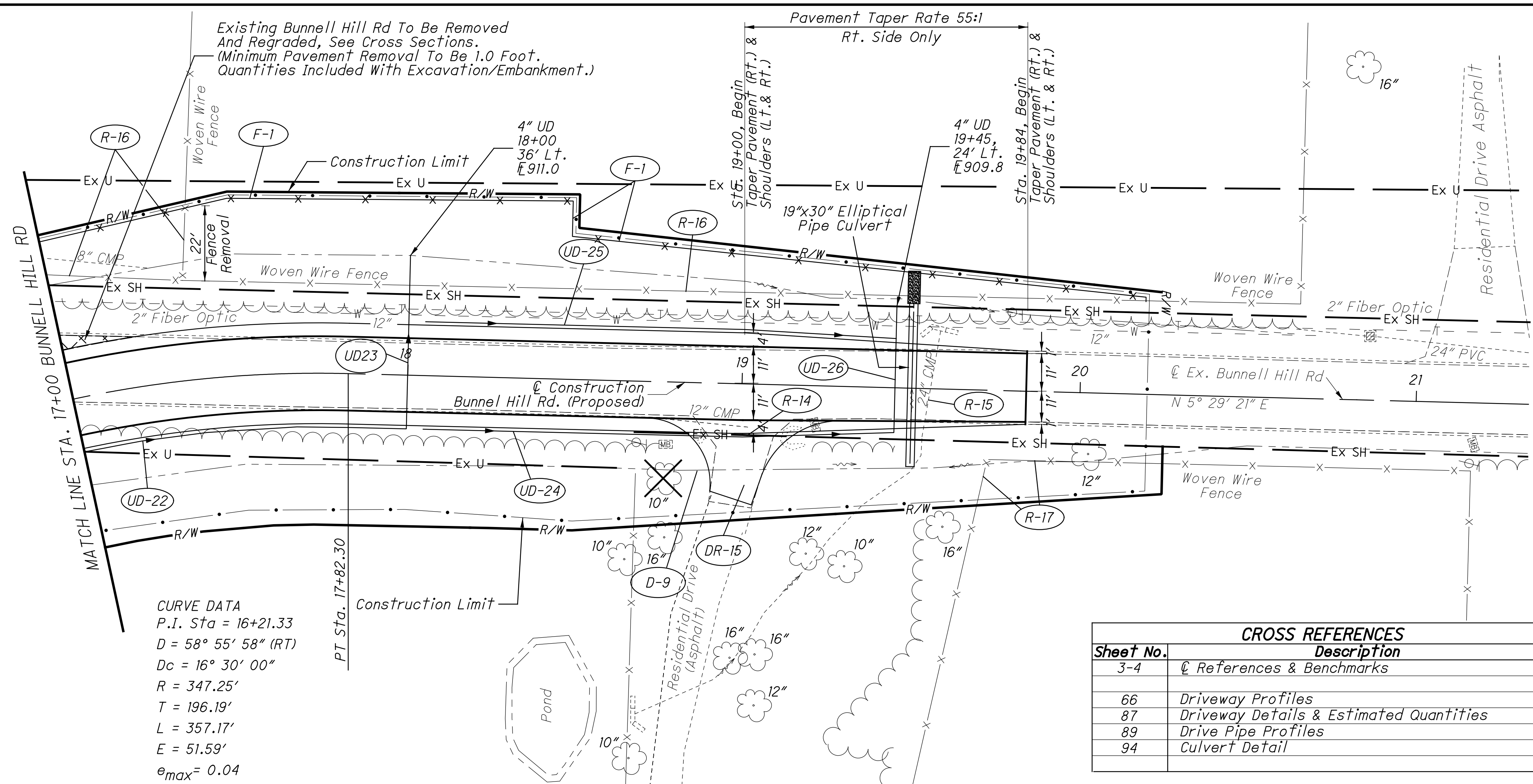


CALCULATED
MSQ
CHECKED
JAD

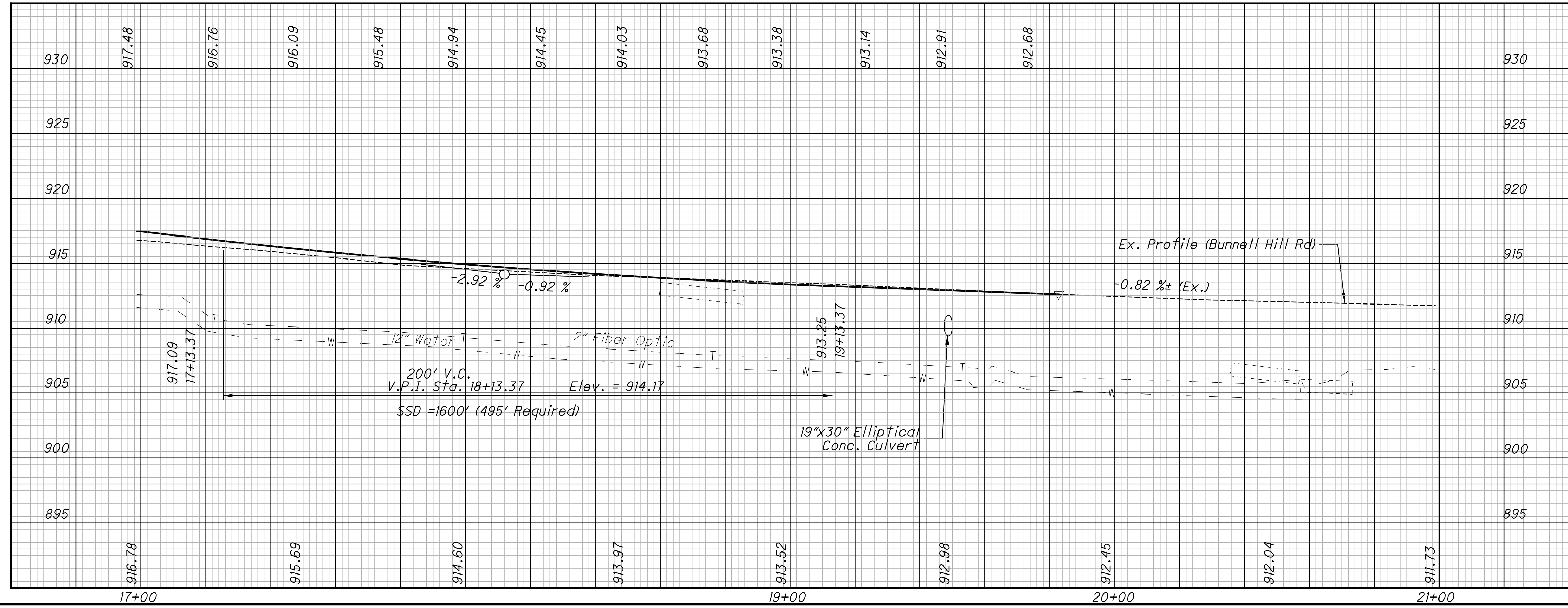
PLAN AND PROFILE - BUNNELL HILL RD
STA. 17+00 TO STA 21+00

WAR-48.19.40



CURVE DATA
P.I. Sta = 16+21.33
D = 58° 55' 58" (RT)
Dc = 16° 30' 00"
R = 347.25'
T = 196.19'
L = 357.17'
E = 51.59'
e_{max} = 0.04

Sheet No.	Description
3-4	References & Benchmarks
66	Driveway Profiles
87	Driveway Details & Estimated Quantities
89	Drive Pipe Profiles
94	Culvert Detail



REF NO.	STATION		SIDE	DESCRIPTION	QUANTITY
	FROM	TO			
R-14	18+86	19+20	Rt.	4" BASE PIPE UNDERDRAINS (18" DEEP)	140
R-15	19+52	19+55	Center	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	140
R-16	16+60	20+20	Lt.	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	140
R-17	19+70	20+19	Rt.	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	140
UD-22	17+00	18+00	Rt.	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	96
UD-23	18+00	18+00	Center	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	96
UD-24	18+05	19+45	Rt.	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	140
UD-25	18+05	19+45	Lt.	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	140
UD-26	19+45	19+45	Center	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	140
D-9	18+83	19+17	Rt.	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	140
F-1	16+62	20+19	Lt.	4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	140
TOTALS CARRIED TO GENERAL SUMMARY					
				PIPE REMOVED, 24" AND UNDER	57
				FENCE REMOVED	470
				4" SHALLOW PIPE UNDERDRAINS (24" DEEP)	96
				4" BASE PIPE UNDERDRAINS (18" DEEP)	280
				FENCE, TYPE 4TRA	390
				12" CONDUIT, TYPE D	33
				4" CONDUIT, TYPE B	89
				PRECAST REINF. CONCRETE OUTLET	2
				BENDS & BRANCHES FOR INFO. ONLY	
				45° BEND	1
				90° BEND	2

p:\ohiodot-pw-bentley.com\ohiodot-pw-02\Documents\03 Standards\Sample Plans\SP1309-5_2022-01.dgn Sheet 2/9/2022 3:36:59 PM ipetros