

Date: 9/27/2018

To: Public Works Department

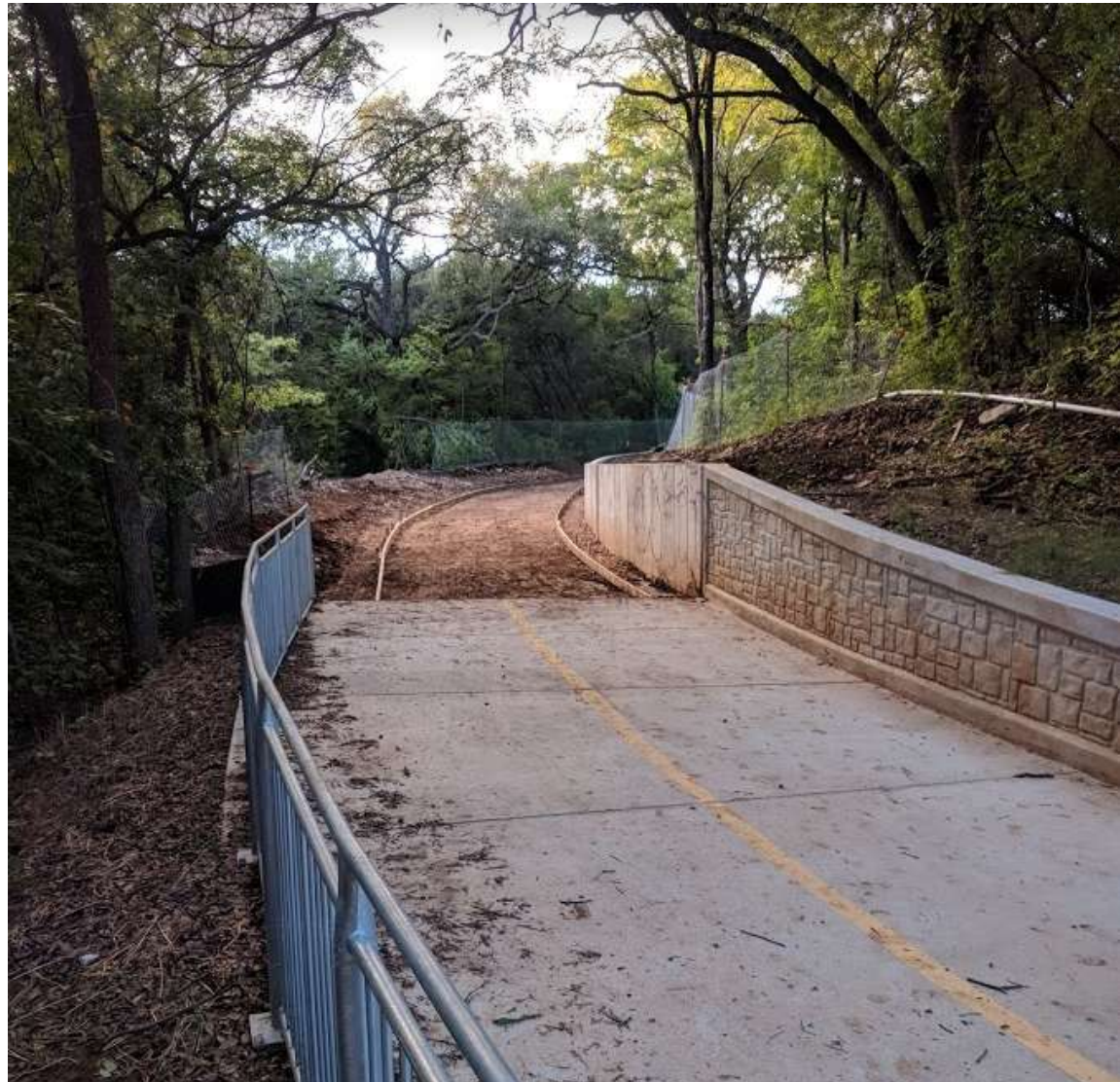
From: Milwood Neighborhood Association

Subject: Northern Walnut Creek Trail connection between Segments 2 and 3

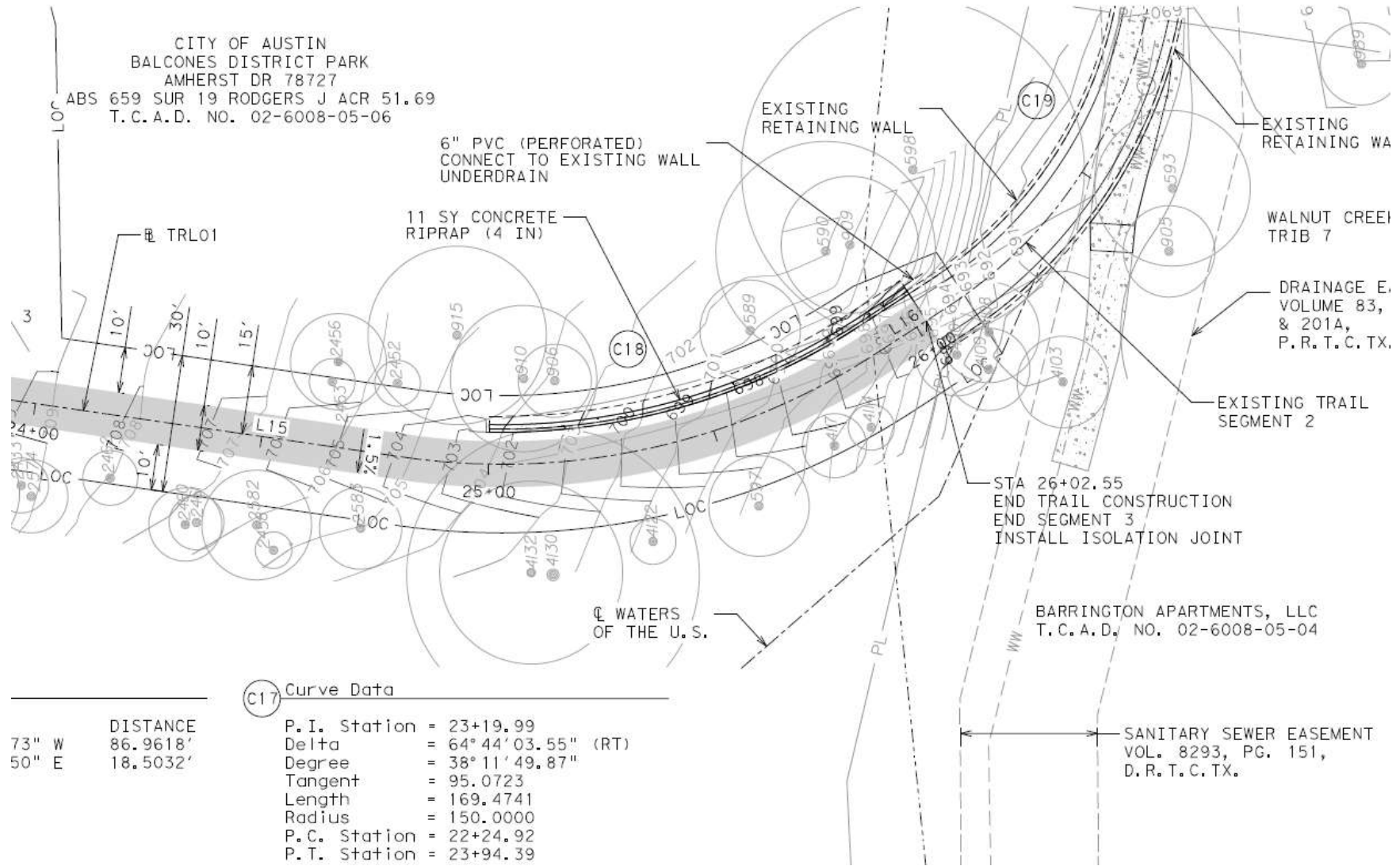
Upon questioning the form placement shown in the photo here, Milwood Neighborhood Association (MNA) contacted Public Works staff and was informed that the transition to between the existing Segment 2 trail and new Segment 3 will consist of an abrupt transition from the existing 14' wide concrete surface to 10' with 2' compacted base shoulders.

MNA is concerned that either select fill, or native soil, or compacted base will erode and be deposited on the trail surface causing hazards to trail users. There is already a problem with material being deposited on the completed Segment 2 immediately downhill of this location. We are also concerned that differential settlement of soil or base material and the concrete surface will create a ledge at the transition.

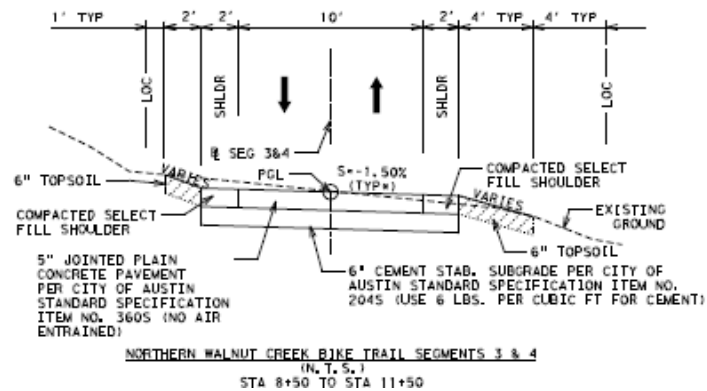
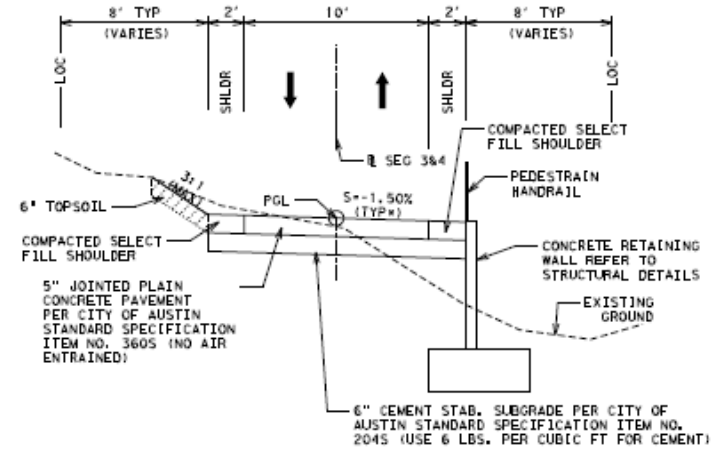
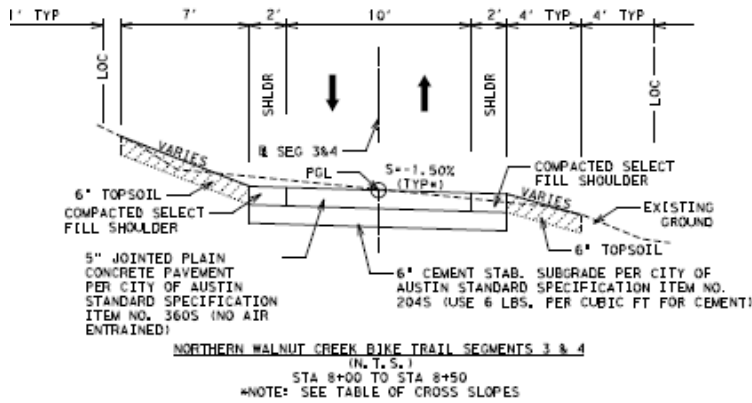
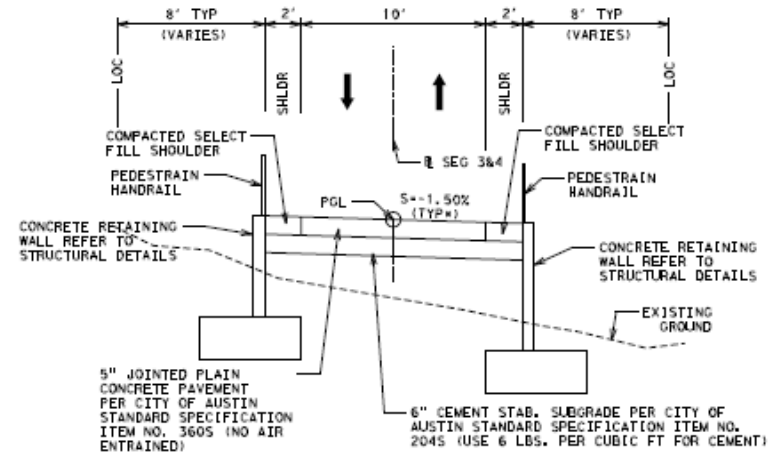
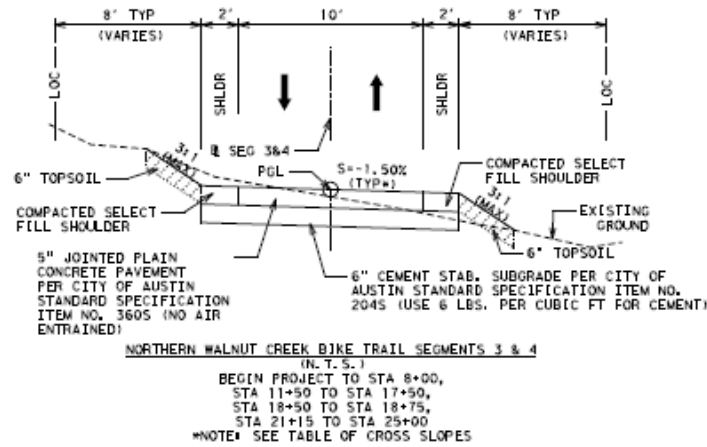
We also note that no other section of the trail has compacted base as a shoulder material. This material will erode over time and is not in keeping with the natural park setting. No other portions of the Walnut Creek trail have road base as a shoulder.



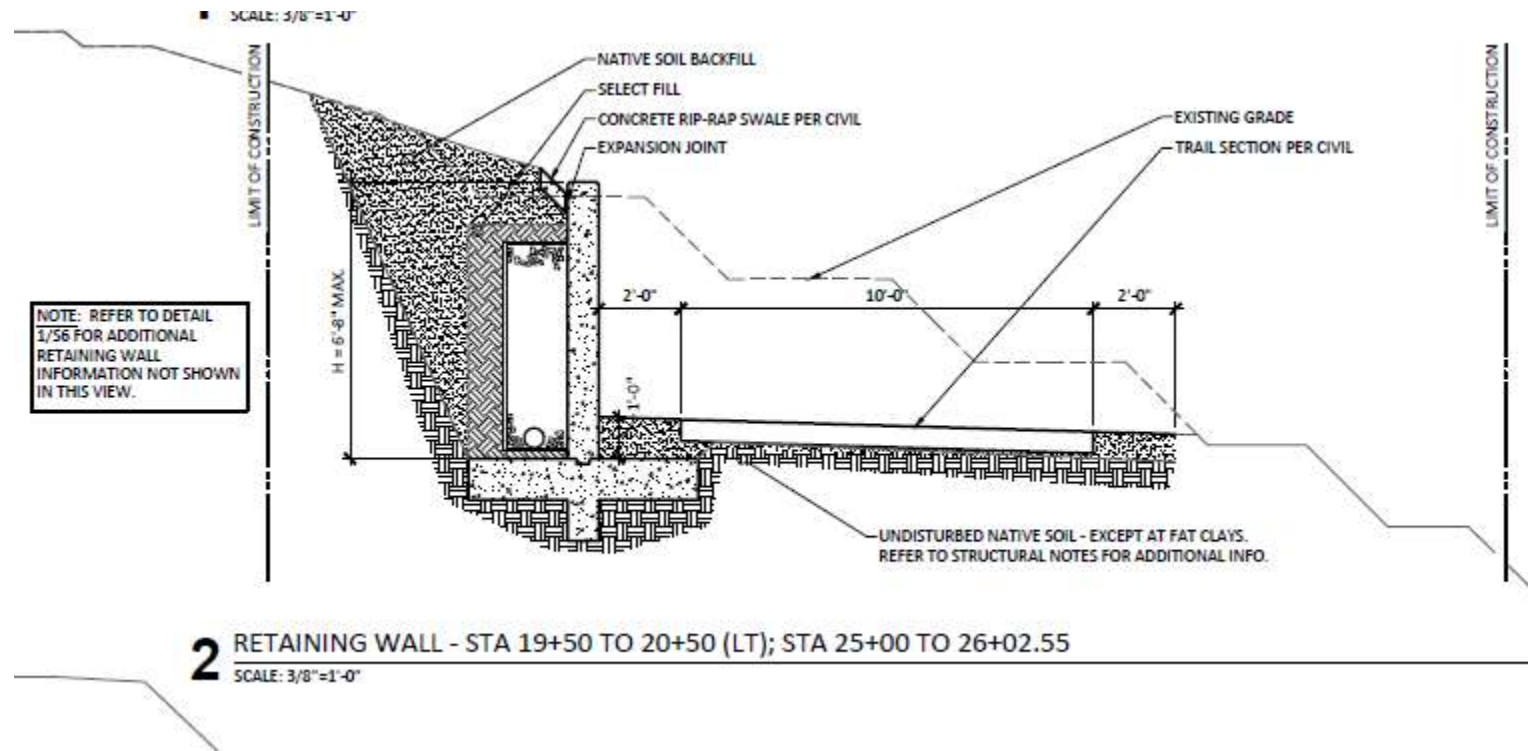
Plan Sheet 13 shows the transition as currently planned



Plan sheet 15 has several cross-sections showing 2' of "select fill" backfill along each side of the 10' concrete trail surface, however there is no cross-section for STA 25+00 to 26+02.55



Plan Sheet 31 Detail 2 appears to show 2' native soil backfill between the wall and concrete trail surface, and beyond the trail



### **Recommendations:**

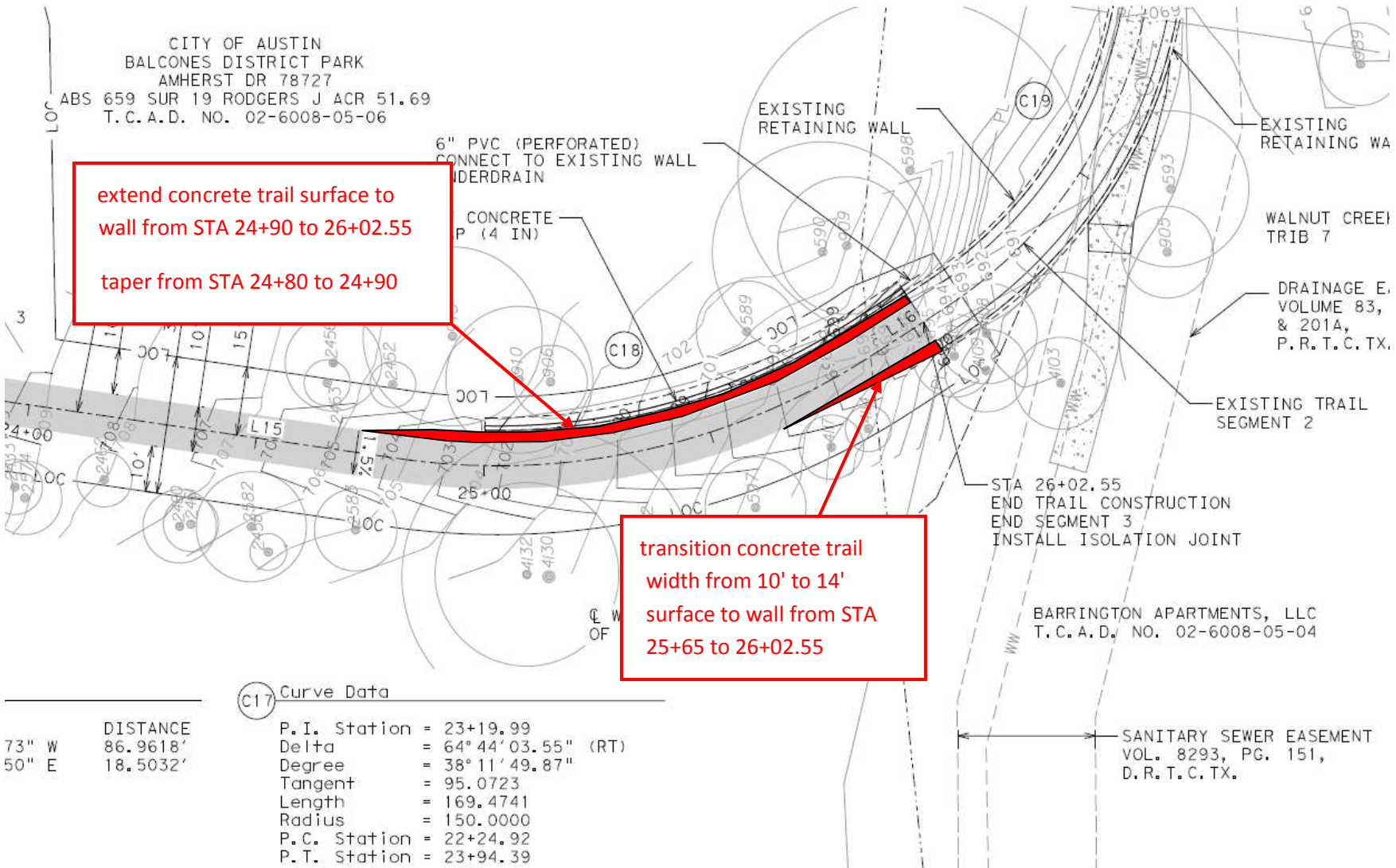
- 1) MNA requests that the concrete surface be extended to cover the 2' between the trail and wall and that the outside of the trail be backfilled with native soil and revegetated. We recommend that the concrete surface be extended approximately 10' beyond the end of the wall to allow runoff flowing to the trail to pass over the trail. The additional concrete required is approximately 30 sy which is an additional material cost of approximately \$1212, not including compensation for resetting forms. We request the City authorize a change order to fulfill this request.
- 2) We further request that other areas of the trail have a native soil backfill so that the sides of the trail will be revegetated, as has been done with the other sections of the Walnut Creek Trail. This change should be a zero cost or negative cost change order.
- 3) We request the city consider extending the concrete surface to the retaining wall in other areas where a retaining wall is proposed (17+50 to 18+00 LT, 17+50 to 18+50 RT, 18+75 to 19+50 RT, 19+50 to 20+50 LT, 20+50 to 21+15 RT). This additional 98 sy would cost approximately \$3911.

A markup of the change requests 1 & 3 follows:

CITY OF AUSTIN  
 BALCONES DISTRICT PARK  
 AMHERST DR 78727  
 ABS 659 SUR 19 RODGERS J ACR 51.69  
 T.C.A.D. NO. 02-6008-05-06

extend concrete trail surface to wall from STA 24+90 to 26+02.55  
 taper from STA 24+80 to 24+90

transition concrete trail width from 10' to 14' surface to wall from STA 25+65 to 26+02.55



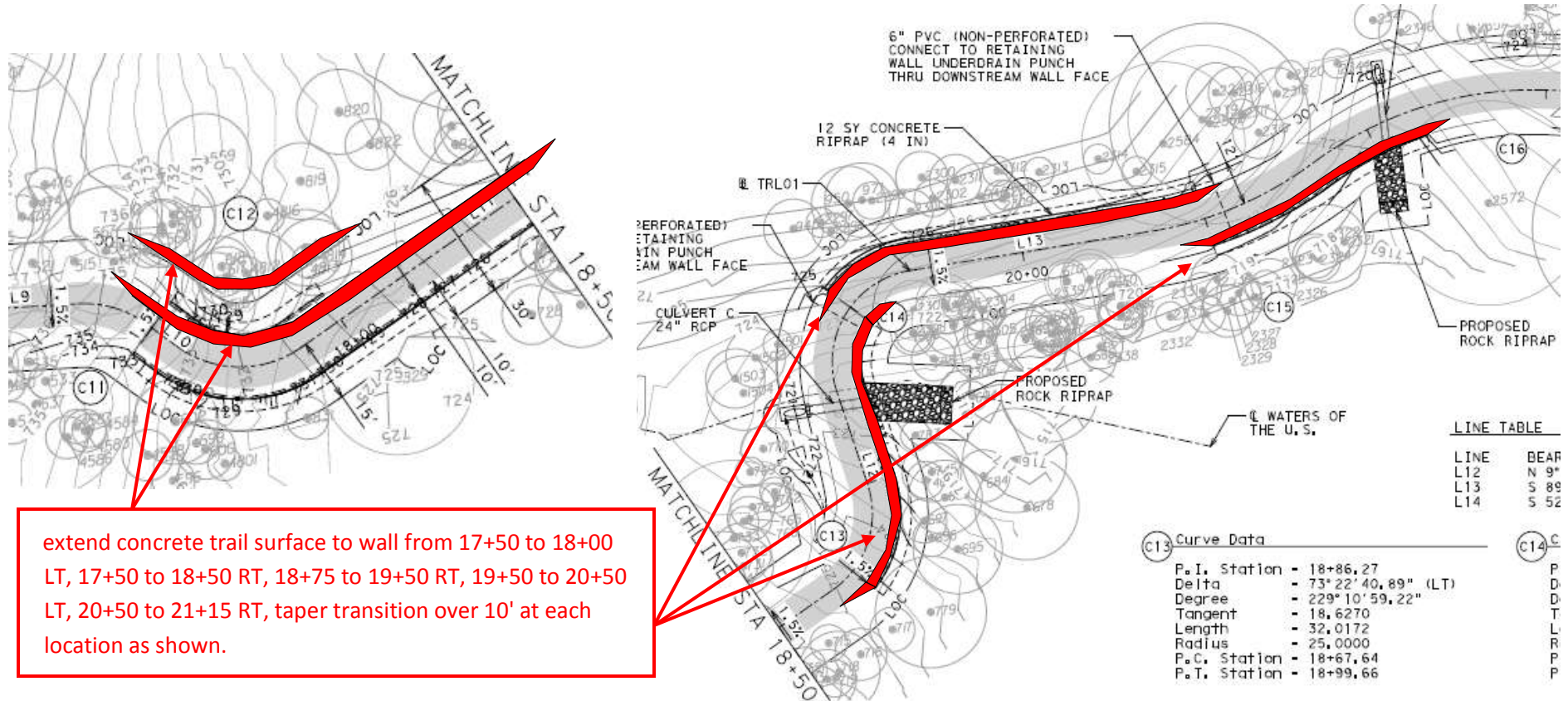
(C17) Curve Data

P.I. Station	= 23+19.99
Delta	= 64° 44' 03.55" (RT)
Degree	= 38° 11' 49.87"
Tangent	= 95.0723
Length	= 169.4741
Radius	= 150.0000
P.C. Station	= 22+24.92
P.T. Station	= 23+94.39

73" W 86.9618'  
 50" E 18.5032'

BARRINGTON APARTMENTS, LLC  
 T.C.A.D. NO. 02-6008-05-04

SANITARY SEWER EASEMENT  
 VOL. 8293, PG. 151,  
 D.R.T.C.TX.



extend concrete trail surface to wall from 17+50 to 18+00 LT, 17+50 to 18+50 RT, 18+75 to 19+50 RT, 19+50 to 20+50 LT, 20+50 to 21+15 RT, taper transition over 10' at each location as shown.

STA 1	STA 2	length	width	area, SF	area, SY	unit cost	ext. cost
2490	2602.55	112.55	2	225.1	25.01	\$ 40.00	\$1,000.44
	2565	2602.55	2	37.55	4.17	\$ 40.00	\$ 166.89
	10' taper at 1 location	10	1	10	1.11	\$ 40.00	\$ 44.44
		0	2	0	0.00	\$ 40.00	\$ -
<b>total</b>				<b>272.65</b>	<b>30.29</b>		<b>\$1,211.78</b>
1750	1800	50	2	100	11.11	\$ 40.00	\$ 444.44
1750	1850	100	2	200	22.22	\$ 40.00	\$ 888.89
1875	1950	75	2	150	16.67	\$ 40.00	\$ 666.67
1950	2050	100	2	200	22.22	\$ 40.00	\$ 888.89
2050	2115	65	2	130	14.44	\$ 40.00	\$ 577.78
10' taper at 10 locations		100	1	100	11.11	\$ 40.00	\$ 444.44
				<b>880</b>	<b>97.78</b>		<b>\$3,911.11</b>