Subdivision Bench Marks

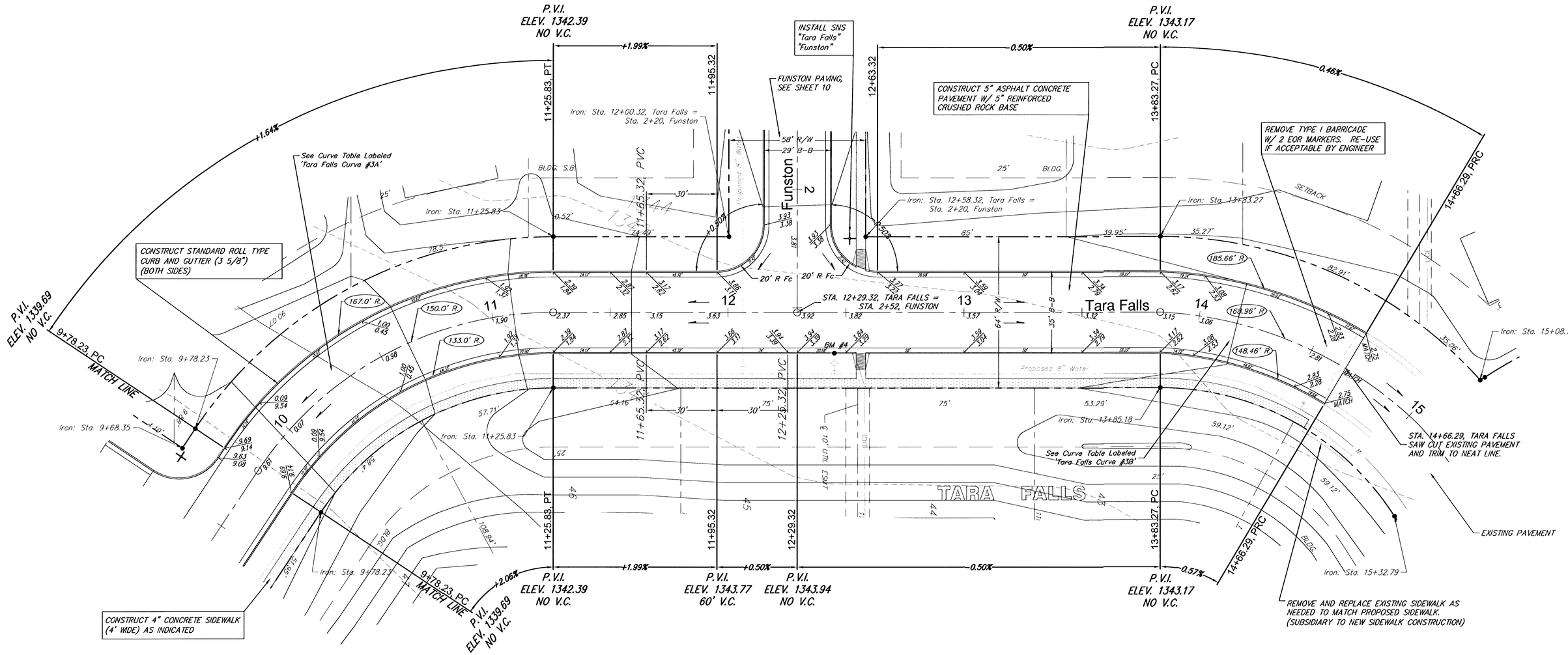
No.	Street and Station	From CL	Description	Elevation
4	Tara Falls, Sta. 12+45.01	17.25' Rt.	Top of Curb at the Southeast corner of the intersection of Tara Falls & Funston. Top of Curb in front of Fire Hydrant.	

Subdivision Bench Marks shall be "Flat Survey Markers No. 8134-08 3" top diameter" provided by Kansas Blue Print Co., Inc. Bench mark installation cost to be subsidiary to curb & gutter.

Tara Falls Curve #3B

Curve Data Based on Centerline
Rad. = 168.96' Delta = 28°09' 10" Tangent = 42.37'
Arc = 83.02' L.C. = 82.19' Def/Ft. =10.17325 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
13+83.27	–	–	–	0°00'00"	0°00'00"
14+00.00	16.73'	19.20'	14.25'	2°50'12"	2°50'12"
14+25.00	25.00'	28.67'	21.28'	4°14'20"	7°04'32"
14+50.00	25.00'	28.67'	21.28'	4°14'20"	11°18'51"
14+66.29	16.29'	18.69'	13.87'	2°45'43"	14°04'35"



Tara Falls Curve #3A

Curve Data Based on Centerline
Rad. = 150' Delta = 56° 22' 41" Tangent = 80.39'
Arc = 147.6' L.C. = 141.71' Def/Ft. =11.45895 Min.

		FACE CHORD LENGTHS			
Station	Arc	8 Lt.	8 Rt.	Defl.	T. Defl.
9+78.23	–	–	–	0°00'00"	0°00'00"
10+00.00	21.77'	25.38'	18.13'	4°09'27"	4°09'27"
10+25.00	25.00'	29.13'	20.81'	4°46'28"	8°55'56"
10+50.00	25.00'	29.13'	20.81'	4°46'28"	13°42'24"
10+75.00	25.00'	29.13'	20.81'	4°46'28"	18°28'53"
11+00.00	25.00'	29.13'	20.81'	4°46'28"	23°15'21"
11+25.83	25.83'	30.10'	21.50'	4°55'59"	28°11'20"

NOTE: ROLL TYPE CURB AND GUTTER TO BE CONSTRUCTED ALONG PAVEMENT DEPICTED ON THIS SHEET

SCALE: 1" = 20'
● = IRON

REVISED

Tara Falls - Phase 3 Paving
Tara Falls - Sta. 9+78.23 to Sta. 14+66.29
WICHITA, KANSAS

Ruggles & Bohm, P.A.
Engineering, Surveying, Land Planning
924 North Main
Wichita, Kansas 67203
www.rbkansas.com
(316) 264-8008
(316) 264-4621 fax
E-mail: info@rbkansas.com

DESIGN	MWS
DRAWN	MWS
REVIEW	
UTILITY	
DATE	02/26/03
RB JOB	2111 E
SHEET	7 OF 35
DRAWING FILE	Phase 3 Pav...\Paving.dwg
PROJECT NUMBER	472-83648