

BENCHMARKS:

BM #1: "□" on top of curb near the NW corner of Lot 27, Block E, Firefly Way Addition.
Elev. = 1398.85 NAVD88

BM #2: "□" on top of curb near the SW corner of Lot 54, Block D, Firefly Way Addition.
Elev. = 1398.61 NAVD88

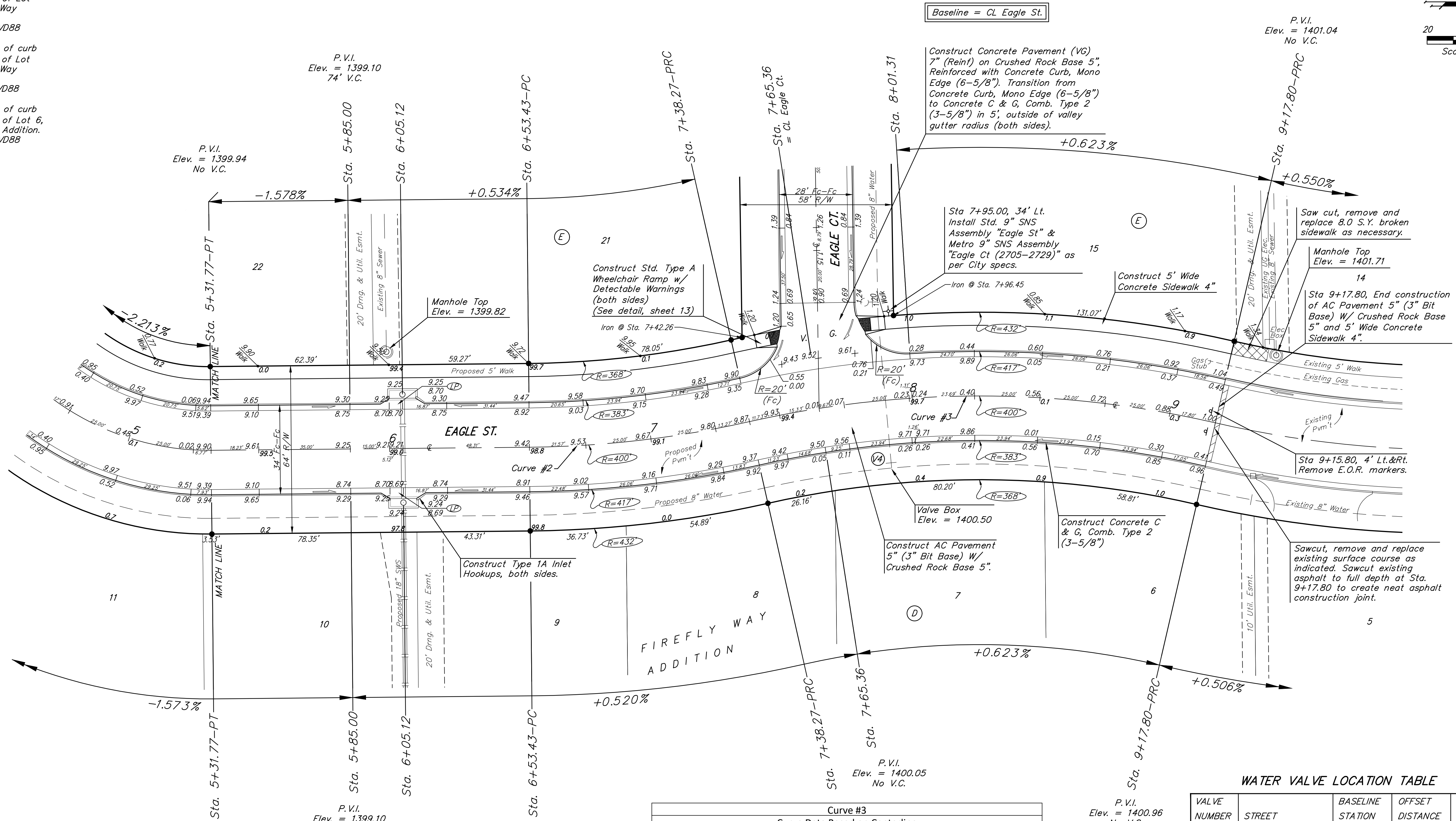
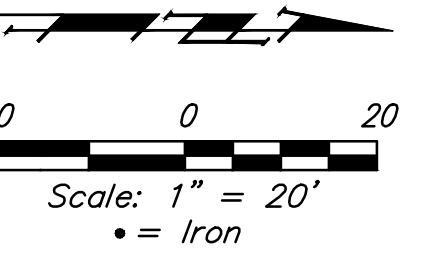
BM #3: "□" on top of curb near the NW corner of Lot 6, Block D, Firefly Way Addition.
Elev. = 1400.77 NAVD88

P.V.I.
Elev. = 1399.94
No V.C.

P.V.I.
Elev. = 1399.10
74' V.C.

P.V.I.
Elev. = 1400.05
No V.C.

P.V.I.
Elev. = 1400.96
No V.C.



Curve #2
Curve Data Based on Centerline
Rad. = 400' Delta = 12°09'08" Tangent = 42.58'
Arc = 84.84' L.C. = 84.68' Def./Ft. = 4.29711 Min.

Face Chord Lengths					
Station	Arc	8' Left	8' Right	Defl.	Total Defl.
6+53.43	-	-	-	0°00'00"	0°00'00"
6+75.00	21.57'	20.22'	22.91'	1°32'41"	1°32'41"
7+00.00	25.00'	23.43'	26.56'	1°47'26"	3°20'07"
7+25.00	25.00'	23.43'	26.56'	1°47'26"	5°07'33"
7+38.27	13.27'	12.44'	14.10'	0°57'01"	6°04'34"

Curve #3
Curve Data Based on Centerline
Rad. = 400' Delta = 25°42'59" Tangent = 91.31'
Arc = 179.53' L.C. = 178.03' Def./Ft. = 4.29729 Min.

Face Chord Lengths					
Station	Arc	8' Left	8' Right	Defl.	Total Defl.
7+38.27	-	-	-	0°00'00"	0°00'00"
7+50.00	11.73'	12.46'	11.00'	0°50'24"	0°50'24"
7+65.36	15.36'	16.32'	14.40'	1°06'01"	1°56'25"
7+75.00	9.64'	10.24'	9.04'	0°41'25"	2°37'50"
8+00.00	25.00'	26.56'	23.43'	1°47'26"	4°25'16"
8+01.31	1.31'	1.39'	1.23'	0°05'38"	4°30'54"
8+25.00	23.69'	25.17'	22.21'	1°41'48"	6°12'42"
8+50.00	25.00'	26.56'	23.43'	1°47'26"	8°00'08"
8+75.00	25.00'	26.56'	23.43'	1°47'26"	9°47'34"
9+00.00	25.00'	26.56'	23.43'	1°47'26"	11°35'00"
9+17.80	17.80'	18.91'	16.69'	1°16'30"	12°51'30"

WATER VALVE LOCATION TABLE

VALVE NUMBER	STREET	BASELINE STATION	OFFSET DISTANCE	OFFSET DIRECTION
V4	Eagle St.	7+90.91	26'	Rt.

Paving contractor will be responsible to operate all water valves on the project, in the presence of the inspector, to ensure accessibility to the valves, and that all valves (except blowoffs) are left in the "ON" position when the project is completed.

NOTE: ROLL TYPE CURB & GUTTER (TYPE 2) TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB (TYPE 4).