

BENCHMARKS:
 BM #1: COW Disc in top of curb adjacent to the fire hydrant at the SW corner of Yosemite and Lamp Cir.
 Elev. = 146.73 (City Datum)

BM #2: COW Disc in top of curb adjacent to the fire hydrant on the west side of Westgate along the southwesterly line of Lot 13, Block B, Southern Ridge Addition.
 Elev. = 144.10 (City Datum)

P.V.I.
 Elev. = 150.20
 No V.C.

P.V.I.
 Elev. = 151.05
 34' V.C.

P.V.I.
 Elev. = 150.50
 No V.C.

Sta 7+98.49, 35.75' Lt.
 Install subdivision benchmark (Flat survey marker No. 8134-08 3" top diameter) in top of curb. Cost shall be incidental to L.F. curb & gutter.

P.V.I.
 Elev. = 149.18
 No V.C.

P.V.I.
 Elev. = 149.90
 No V.C.

Sta 8+04.00, 45' Lt.
 Install metro D3 (SNS) ass'y as per City specs. "Greenfield" (W) & "Maize Rd" (S).

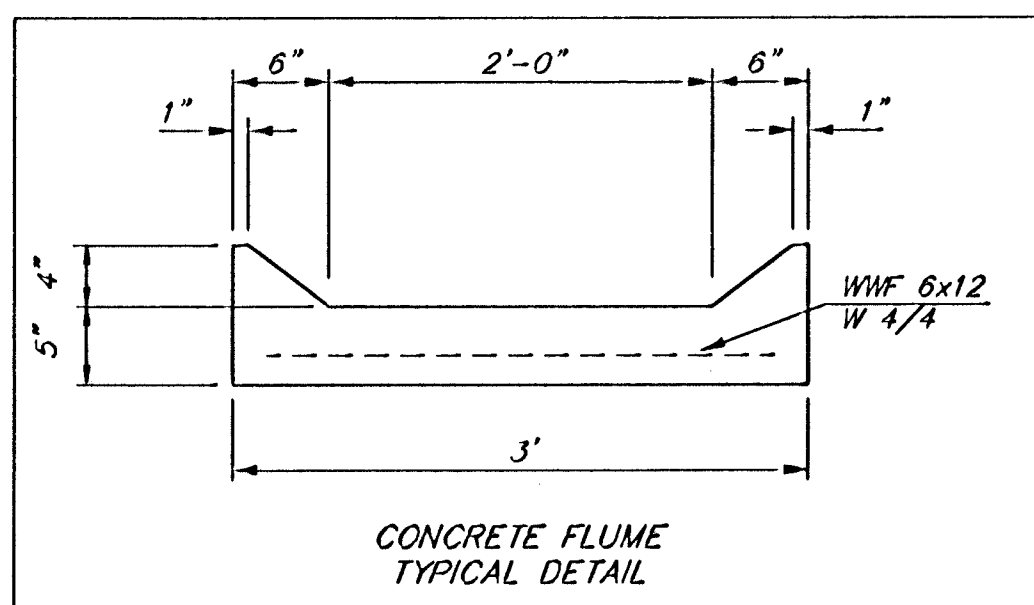
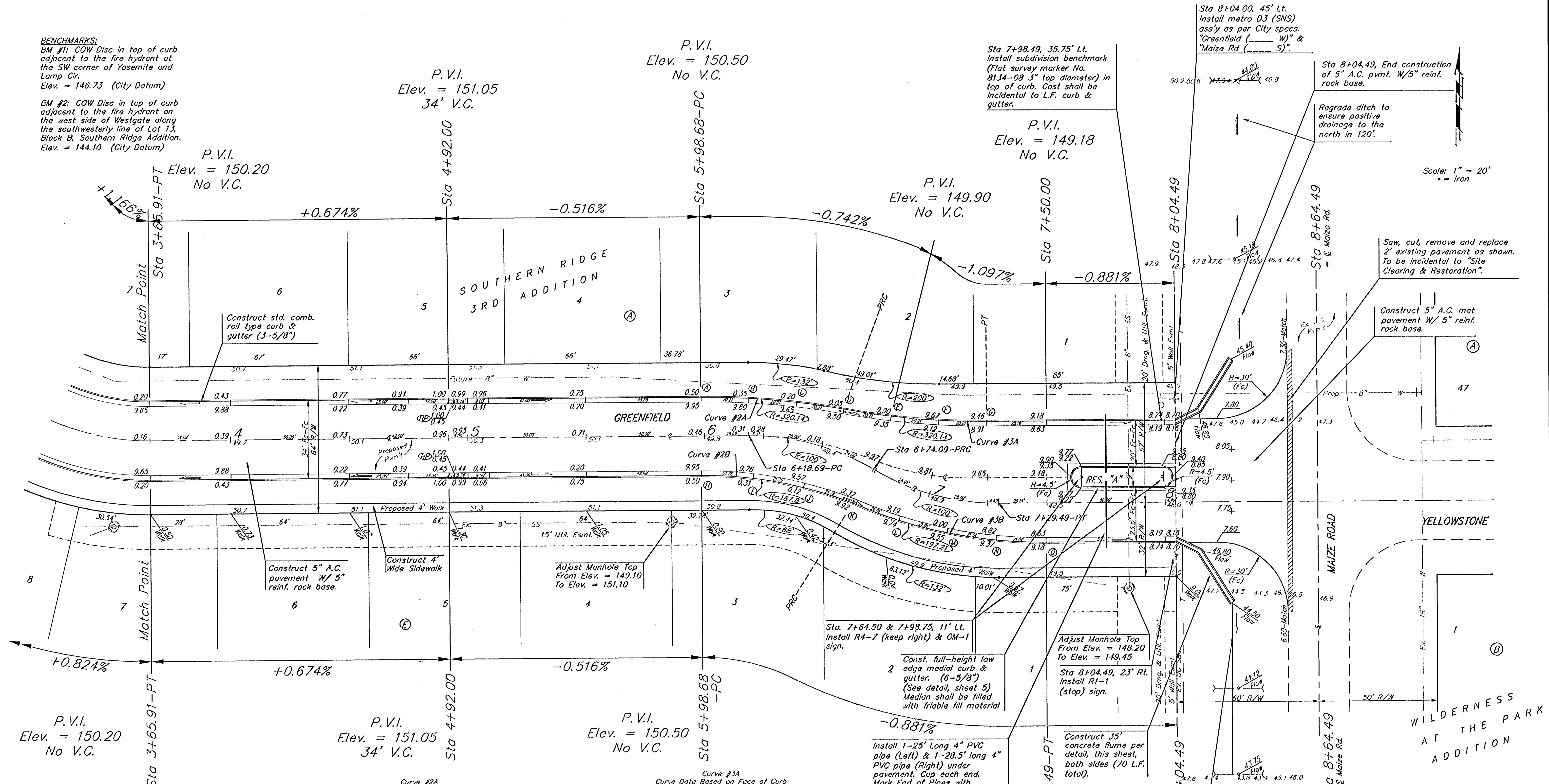
Sta 8+04.49, End construction of 5" A.C. pmt. W/5" reinf. rock base.

Regrade ditch to ensure positive drainage to the north in 120'.

Scale: 1" = 20'
 * = Iron

Saw, cut, remove and replace 2' existing pavement as shown. To be incidental to "Site Clearing & Restoration".

Construct 5" A.C. mat pavement W/ 5" reinf. rock base.



Curve #2A
 Curve Data Based on Face of Curb
 Rad. = 320.14' Delta = 10° 51'05" Tangent = 30.41'
 Arc = 60.63' L.C. = 60.54' Del/Ft. = 5.36932 Min.

Station	Arc	FACE CHORD LENGTHS	8' Lt.	8' Rt.	T. Del.	T. Del.
A	20.21'	20.21'	1'48'31"	1'48'31"	0'00'00"	0'00'00"
B	20.21'	20.21'	1'48'31"	1'48'31"	0'00'00"	0'00'00"
C	20.21'	20.21'	1'48'31"	1'48'31"	0'00'00"	0'00'00"
D	20.21'	20.21'	1'48'31"	1'48'31"	0'00'00"	0'00'00"

Curve #2B
 Curve Data Based on Face of Curb
 Rad. = 167.8' Delta = 22° 17' 20" Tangent = 33.06'
 Arc = 65.28' L.C. = 64.82' Del/Ft. = 10.24306 Min.

Station	Arc	FACE CHORD LENGTHS	8' Lt.	8' Rt.	T. Del.	T. Del.
H	21.76'	22.78'	20.71'	3'42'53"	3'42'53"	0'00'00"
I	21.76'	22.78'	20.71'	3'42'53"	3'42'53"	0'00'00"
J	21.76'	22.78'	20.71'	3'42'53"	3'42'53"	0'00'00"
K	21.76'	22.78'	20.71'	3'42'53"	3'42'53"	0'00'00"

Curve #3A
 Curve Data Based on Face of Curb
 Rad. = 320.14' Delta = 10° 51'05" Tangent = 30.41'
 Arc = 60.63' L.C. = 60.54' Del/Ft. = 5.36932 Min.

Station	Arc	FACE CHORD LENGTHS	8' Lt.	8' Rt.	T. Del.	T. Del.
E	20.21'	20.21'	1'48'31"	1'48'31"	0'00'00"	0'00'00"
F	20.21'	20.21'	1'48'31"	1'48'31"	0'00'00"	0'00'00"
G	20.21'	20.21'	1'48'31"	1'48'31"	0'00'00"	0'00'00"

Curve #3B
 Curve Data Based on Face of Curb
 Rad. = 197.21' Delta = 24° 25'06" Tangent = 42.67'
 Arc = 84.04' L.C. = 83.41' Del/Ft. = 8.71668 Min.

Station	Arc	FACE CHORD LENGTHS	8' Lt.	8' Rt.	T. Del.	T. Del.
L	21.01'	21.85'	21.85'	3'03'08"	0'00'00"	0'00'00"
M	21.01'	21.85'	21.85'	3'03'08"	0'00'00"	0'00'00"
N	21.01'	21.85'	21.85'	3'03'08"	0'00'00"	0'00'00"
O	21.01'	21.85'	21.85'	3'03'08"	0'00'00"	0'00'00"

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

Baughman SOUTHERN RIDGE 3RD ADDITION - PH IV
GREENFIELD STA 3+65.91 TO STA 8+64.49
 Baughman Company, P.A. 315 Ellis St. Waltham, MA 02154 P: 617-252-7771 F: 617-252-0149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-24267	DESIGN AEO	DRAWN TMS
REVISIONS	APPROVED AEO	DATE 10/12/05
SCALES Noted		SHEET 8 OF 19

Southern Ridge 3rd/Phase 4/Str3 0508E314