

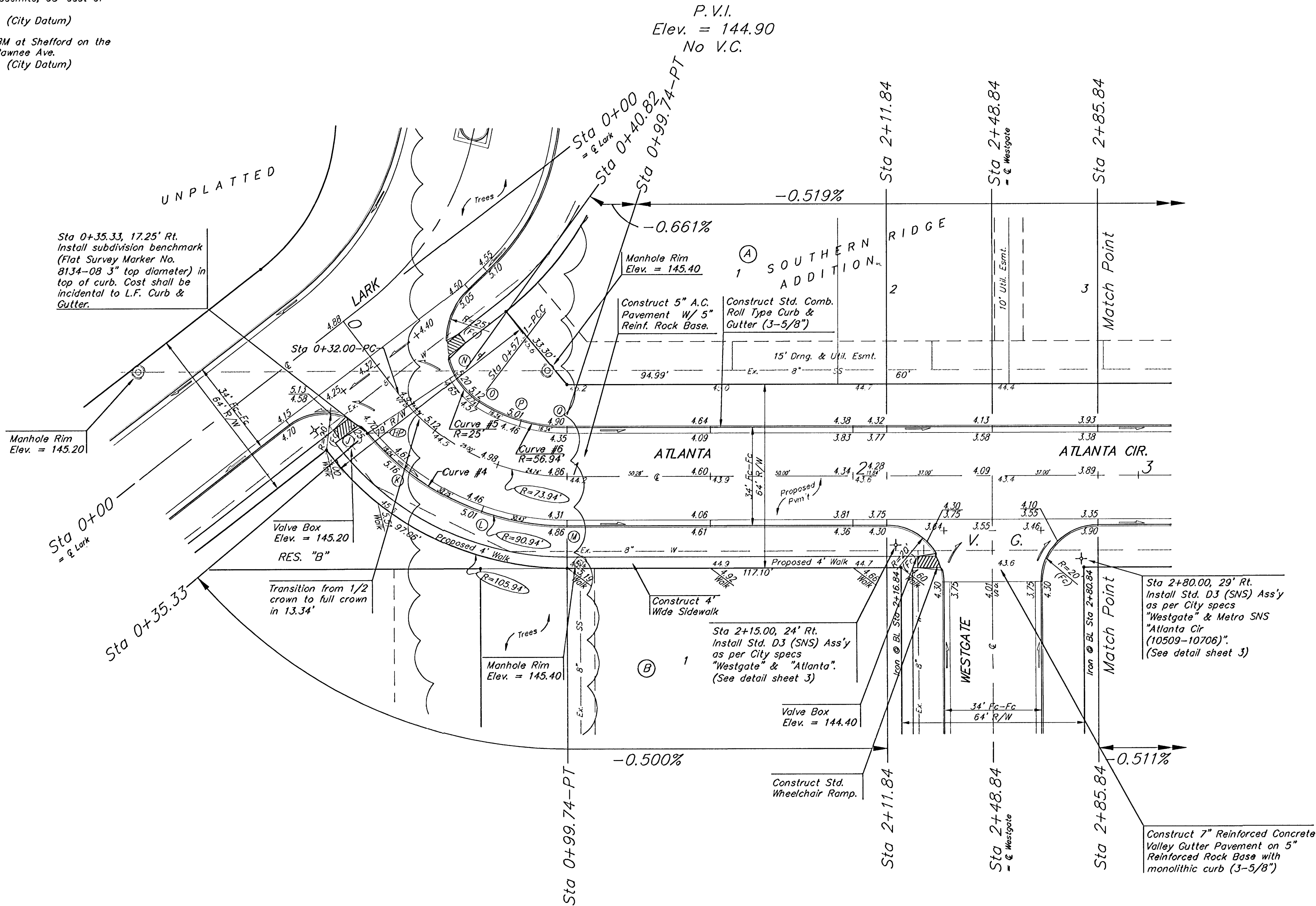
BENCHMARKS:  
BM #1: COW BM at the SW corner of  
Pawnee Ave. and Maize Road.  
Elev. = 135.15 (City Datum)

BM #2: "□" in top of curb on the  
north side of Yosemite, 65' east of  
Maize Road.  
Elev. = 143.67 (City Datum)

BM #3: COW BM at Shefford on the  
south side of Pawnee Ave.  
Elev. = 145.53 (City Datum)



Scale: 1" = 20'  
• = Iron



Curve #4  
Curve Data Based on Centerline  
Rad. = 90.94' Delta = 49° 54' 39" Tangent = 42.32'  
Arc = 79.22' L.C. = 76.74' Del/Ft. = 18.90085 Min.

| Station | Arc    | FACE CHORD LENGTHS<br>8' Rt. | Defl.    | T. Defl.  |
|---------|--------|------------------------------|----------|-----------|
| J       | 18.04' | 19.59'                       | 0°00'00" | 0°00'00"  |
| L       | 30.75' | 33.30'                       | 5°40'58" | 5°40'58"  |
| M       | 30.43' | 32.95'                       | 9°41'12" | 15°22'10" |

Curve #5  
Curve Data Based on Face of Curb  
Rad. = 25' Delta = 29° 11' 43" Tangent = 6.51'  
Arc = 12.74' L.C. = 12.60' Del/Ft. = 68.74870 Min.

| Station | Arc    | FACE CHORD LENGTHS<br>8' Lt. | Defl.     | T. Defl.  |
|---------|--------|------------------------------|-----------|-----------|
| N       | 12.74' | 16.58'                       | 0°00'00"  | 0°00'00"  |
| O       | 12.74' | 16.58'                       | 29°11'43" | 29°11'43" |

Curve #6  
Curve Data Based on Face of Curb  
Rad. = 56.94' Delta = 32° 52' 47" Tangent = 16.80'  
Arc = 32.68' L.C. = 32.23' Del/Ft. = 30.18335 Min.

| Station | Arc    | FACE CHORD LENGTHS<br>8' Lt. | Defl.    | T. Defl.  |
|---------|--------|------------------------------|----------|-----------|
| P       | 16.34' | 13.99'                       | 0°00'00" | 0°00'00"  |
| Q       | 16.34' | 13.99'                       | 8°13'11" | 16°26'24" |

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.

Remove trees ONLY as  
necessary for street construction  
and as approved by Engineer.  
Cost of removal to be incidental  
to lump sum bid item "Site  
Clearing & Restoration".

As B-15 3/2/02 KZ

SOUTHERN RIDGE ADDITION  
**ATLANTA**  
STA 0+00 TO STA 2+85.84

**BAUGHMAN COMPANY P.A.**  
ENGINEERING, SURVEYING, & PLANNING  
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER  
**472-83881**

DESIGN NBW DRAWN TMS APPROVED DATE 05/03 SCALE Noted SHEET 7 OF 48