

### MEDIAN DIMENSION CHART

| B  | C      | D      | E      | F      | G      | H      | I      | J       | K       | L       | M      | N     |
|----|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|-------|
| 12 | 4.00'S | 3.80'S | 3.20'S | 2.19'S | 0.78'S | 1.00'N | 2.78'N | 4.19'N  | 5.20'N  | 5.80'N  | 22.56' | 1.00' |
| 13 | 3.50'S | 3.30'S | 2.70'S | 1.69'S | 0.28'S | 1.50'N | 3.28'N | 4.69'N  | 5.70'N  | 6.30'N  | 23.56' | 1.00' |
| 14 | 3.00'S | 2.80'S | 2.20'S | 1.19'S | 0.22'N | 2.00'N | 3.78'N | 5.19'N  | 6.20'N  | 6.80'N  | 22.68' | 2.50' |
| 15 | 2.50'S | 2.30'S | 1.70'S | 0.69'S | 0.72'N | 2.50'N | 4.28'N | 5.69'N  | 6.70'N  | 7.30'N  | 23.71' | 2.50' |
| 16 | 2.00'S | 1.80'S | 1.20'S | 0.19'S | 1.22'N | 3.00'N | 4.78'N | 6.19'N  | 7.20'N  | 7.80'N  | 23.46' | 3.50' |
| 17 | 1.50'S | 1.30'S | 0.70'S | 0.31'N | 1.72'N | 3.50'N | 5.28'N | 6.69'N  | 7.70'N  | 8.30'N  | 24.48' | 3.50' |
| 18 | 1.00'S | 0.80'S | 0.20'S | 0.81'N | 2.22'N | 4.00'N | 5.78'N | 7.19'N  | 8.20'N  | 8.80'N  | 25.44' | 3.50' |
| 19 | 0.50'S | 0.30'S | 0.30'S | 1.31'N | 2.72'N | 4.50'N | 6.28'N | 7.69'N  | 8.70'N  | 9.30'N  | 26.34' | 3.50' |
| 20 | 0.00'  | 0.20'N | 0.80'N | 1.81'N | 3.22'N | 5.00'N | 6.78'N | 8.19'N  | 9.20'N  | 9.80'N  | 26.72' | 4.00' |
| 21 | 0.50'N | 0.70'N | 1.30'N | 2.31'N | 3.72'N | 5.50'N | 7.28'N | 8.69'N  | 9.70'N  | 10.30'N | 27.57' | 4.00' |
| 22 | 1.00'N | 1.20'N | 1.80'N | 2.81'N | 4.22'N | 6.00'N | 7.78'N | 9.19'N  | 10.20'N | 10.80'N | 28.39' | 4.00' |
| 23 | 1.50'N | 1.70'N | 2.30'N | 3.31'N | 4.72'N | 6.50'N | 8.28'N | 9.69'N  | 10.70'N | 11.30'N | 29.17' | 4.00' |
| 24 | 2.00'N | 2.30'N | 2.80'N | 3.81'N | 5.22'N | 7.00'N | 8.78'N | 10.19'N | 11.20'N | 11.80'N | 29.92' | 4.00' |

N = NORTH OF CENTERLINE  
S = SOUTH OF CENTERLINE

### CURVE DATA C3 & C4 FOR 7° A=14'

| A  | Δ         | R   | T      | L      | M      | N     |
|----|-----------|-----|--------|--------|--------|-------|
| 7  | 18°22'52" | 50' | 8.09'  | 16.04' | 16.48' | 1.00' |
| 8  | 20°09'11" |     | 8.89'  | 17.89' | 17.88' | 1.00' |
| 9  | 21°47'12" |     | 9.62'  | 19.01' | 19.15' | 1.00' |
| 10 | 23°18'41" |     | 10.31' | 20.34' | 20.39' | 1.00' |
| 11 | 24°44'50" |     | 10.97' | 21.60' | 21.51' | 1.00' |
| 12 | 26°06'32" |     | 11.59' | 22.78' | 22.56' | 1.00' |
| 13 | 27°24'27" |     | 12.19' | 23.92' | 23.56' | 1.00' |
| 14 | 28°08'28" |     | 12.75' | 25.00' | 24.68' | 1.00' |

### CURVE DATA C1 C2 FOR 11°28'40"

|   |        |
|---|--------|
| R | 250'   |
| T | 25.13' |
| L | 50.08' |

### CURVE DATA C3 & C4 FOR 12° B=24'

| B  | Δ         | R      | T      | L      |
|----|-----------|--------|--------|--------|
| 12 | 26°06'32" | 50.00' | 11.59' | 22.78' |
| 13 | 27°24'27" |        | 12.19' | 23.92' |
| 14 | 28°08'28" |        | 12.75' | 25.00' |
| 15 | 28°31'32" |        | 12.92' | 25.35' |
| 16 | 28°48'53" |        | 13.07' | 25.68' |
| 17 | 28°58'51" |        | 13.21' | 25.98' |
| 18 | 29°06'58" |        | 13.33' | 26.26' |
| 19 | 29°12'43" |        | 13.44' | 26.52' |
| 20 | 29°17'30" |        | 13.54' | 26.77' |
| 21 | 29°21'46" |        | 13.63' | 27.00' |
| 22 | 29°25'24" |        | 13.71' | 27.21' |
| 23 | 29°28'18" |        | 13.78' | 27.40' |
| 24 | 29°30'45" |        | 13.84' | 27.57' |

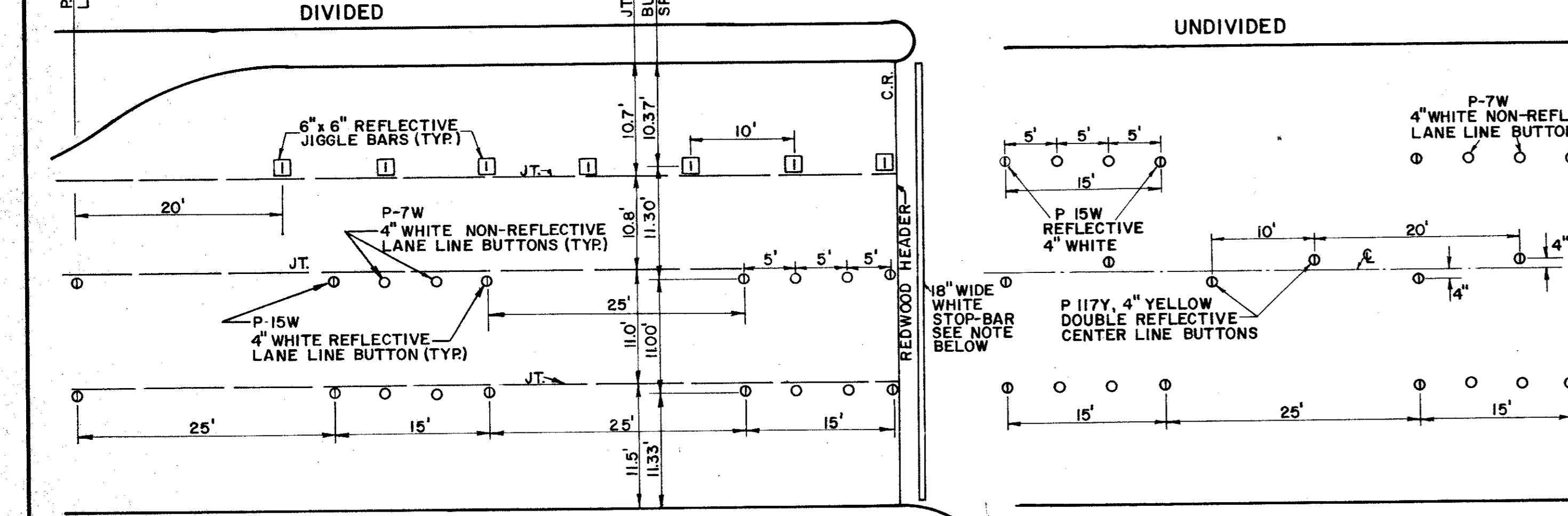
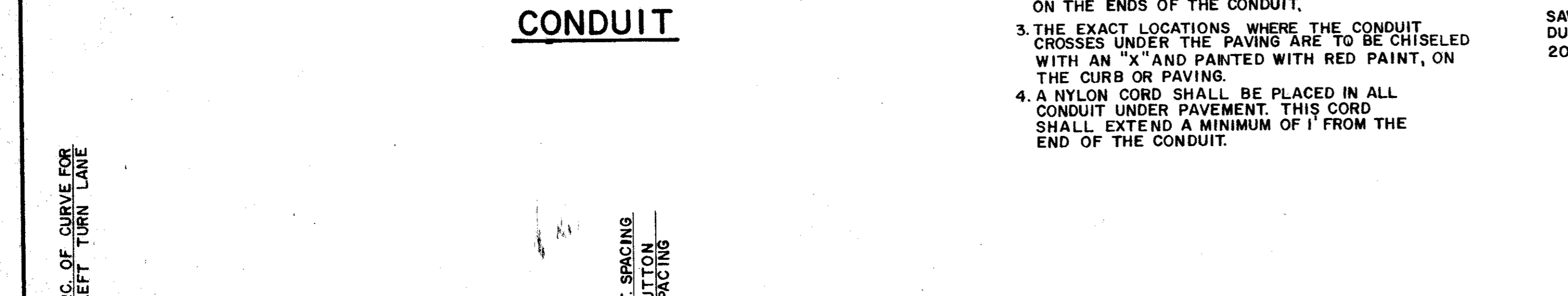
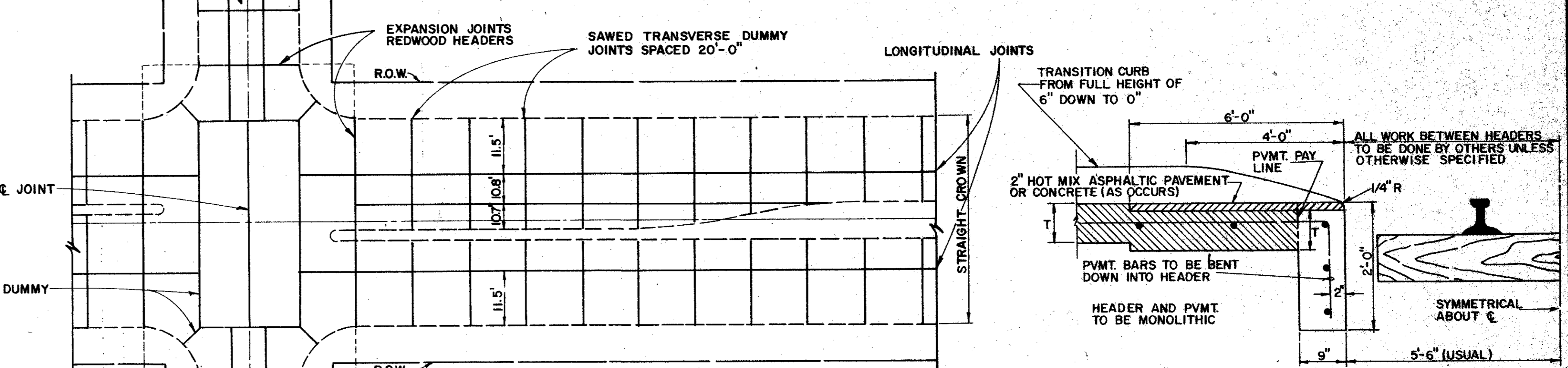
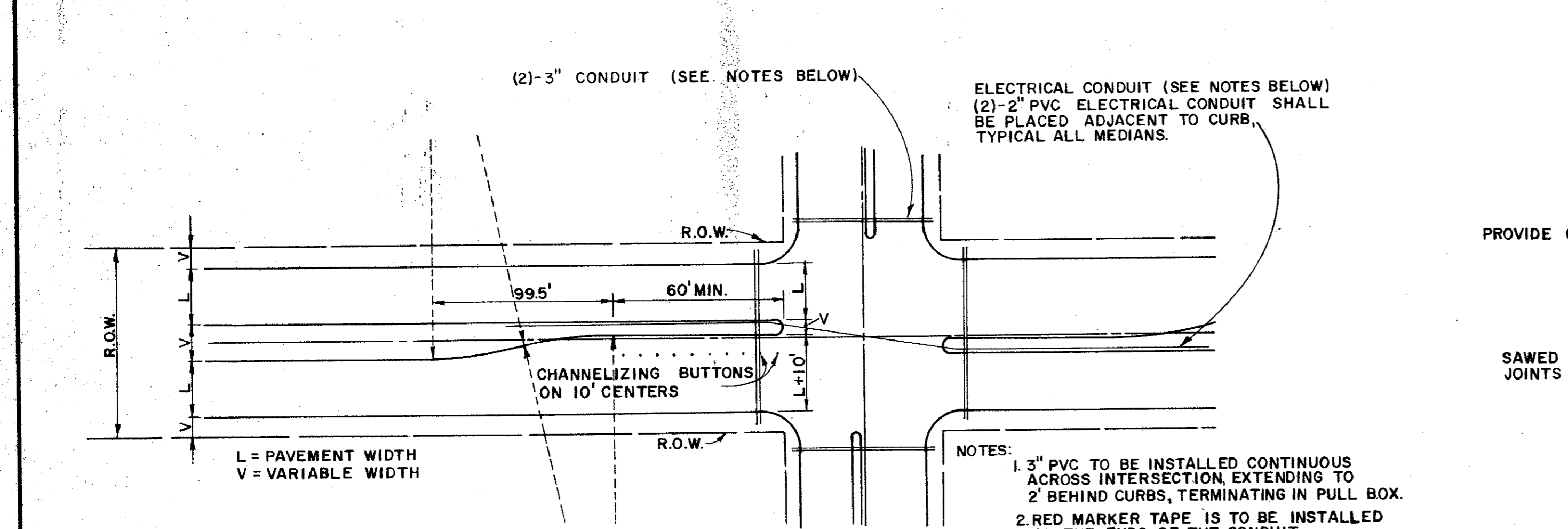
### CURVE DATA C5 FOR 12° B=24'

| B  | Δ         | R     | T     | L     |
|----|-----------|-------|-------|-------|
| 12 | 27°47'32" | 1.00' | 2.04' | 2.23' |
| 13 | 29°12'46" | 1.00' | 1.93' | 2.19' |
| 14 | 30°43'08" | 2.50' | 5.33' | 5.66' |
| 15 | 32°17'31" | 2.50' | 5.01' | 5.54' |
| 16 | 33°54'53" | 3.50' | 7.36' | 7.69' |
| 17 | 35°34'51" | 3.50' | 6.92' | 7.72' |
| 18 | 37°17'38" | 3.50' | 6.54' | 7.56' |
| 19 | 38°52'03" | 3.50' | 6.17' | 7.38' |
| 20 | 40°28'56" | 4.00' | 7.04' | 8.43' |
| 21 | 42°07'08" | 4.00' | 6.70' | 8.26' |
| 22 | 43°47'07" | 4.00' | 6.40' | 8.10' |
| 23 | 45°28'22" | 4.00' | 6.12' | 7.93' |
| 24 | 47°10'48" | 4.00' | 5.86' | 7.78' |

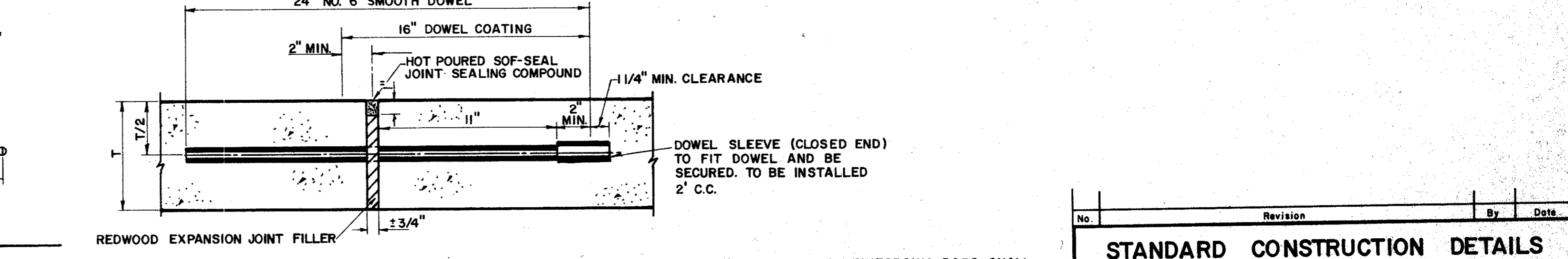
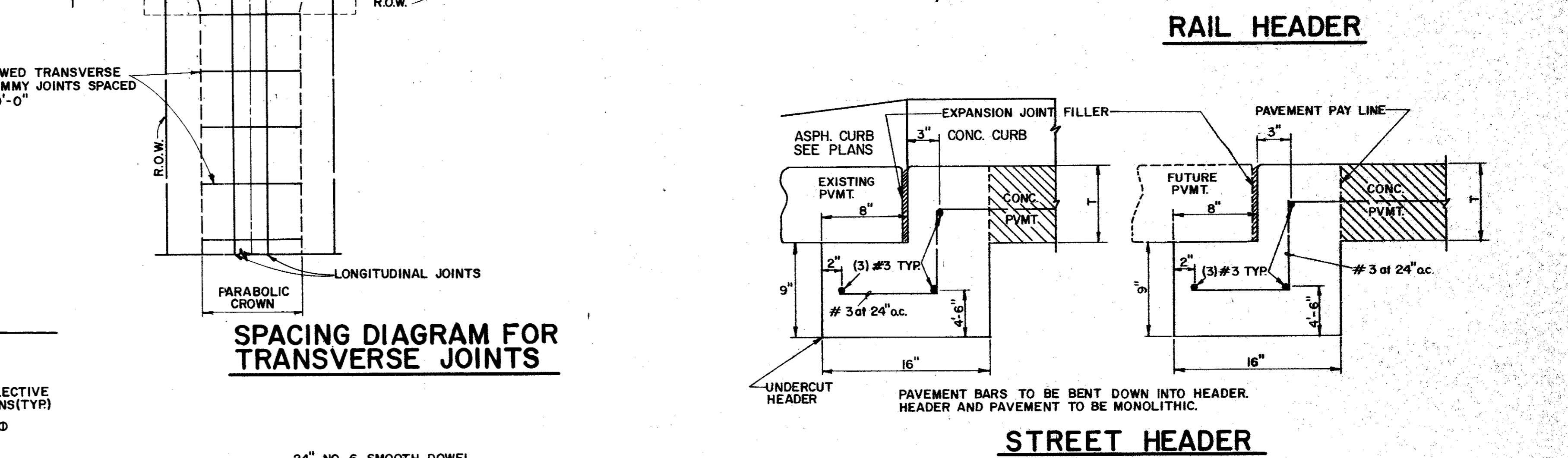
### CURVE DATA C5 FOR 7° A=14'

| A  | Δ          | R     | T     | L     |
|----|------------|-------|-------|-------|
| 7  | 143°14'15" | 1.00' | 3.01' | 2.50' |
| 8  | 139°41'38" | 1.00' | 2.72' | 2.44' |
| 9  | 136°25'35" | 1.00' | 2.50' | 2.38' |
| 10 | 133°22'38" | 1.00' | 2.32' | 2.33' |
| 11 | 130°30'20" | 1.00' | 2.17' | 2.28' |
| 12 | 127°47'32" | 1.00' | 2.04' | 2.23' |
| 13 | 125°12'46" | 1.00' | 1.93' | 2.19' |
| 14 | 123°08'28" | 2.50' | 5.33' | 5.66' |

LEFT TURN LANE NOTES: 1) FOR 2° A=7' USE TYPE II NOSE  
2) FOR 7° A=14' USE TYPE I NOSE  
3) FOR 12° B=24' USE TYPE I NOSE



NOTE: STOP-BAR TO BE HOT LAID THERMO-PLASTIC w/ GLASS BEADS, OR STAMARK 3M BRAND #6330, #5730  
(57) FIRST 2 DIGITS = STICKBACKING  
(63) FIRST 2 DIGITS = LINERBACKING  
(30) SECOND 2 DIGITS = WHITE IMPLEMENTED 2 PART COMPONENT EPOXY  
(31) SECOND 2 DIGITS = YELLOW



NOTE: DOWELS AND REINFORCING BARS SHALL BE SUPPORTED BY AN APPROVED DEVICE.

## BUTTON DETAILS

|   |           |                   |                 |
|---|-----------|-------------------|-----------------|
| No.   | Revision  | By                | Date            |
| <b>STANDARD CONSTRUCTION DETAILS PAVING</b> |           |                   |                 |
| <b>TURN LANES &amp; JOINTS</b>              |           |                   |                 |
| <b>GINN, INC.</b>                           |           |                   |                 |
| Consulting Engineers Dallas, Texas          |           |                   |                 |
| Designed -                                  | Drawn -   | Date - June, 1990 | Job No. - 90439 |
| Approved -                                  | Checked - | Scale -           | Sheet M5 OF     |

SD2