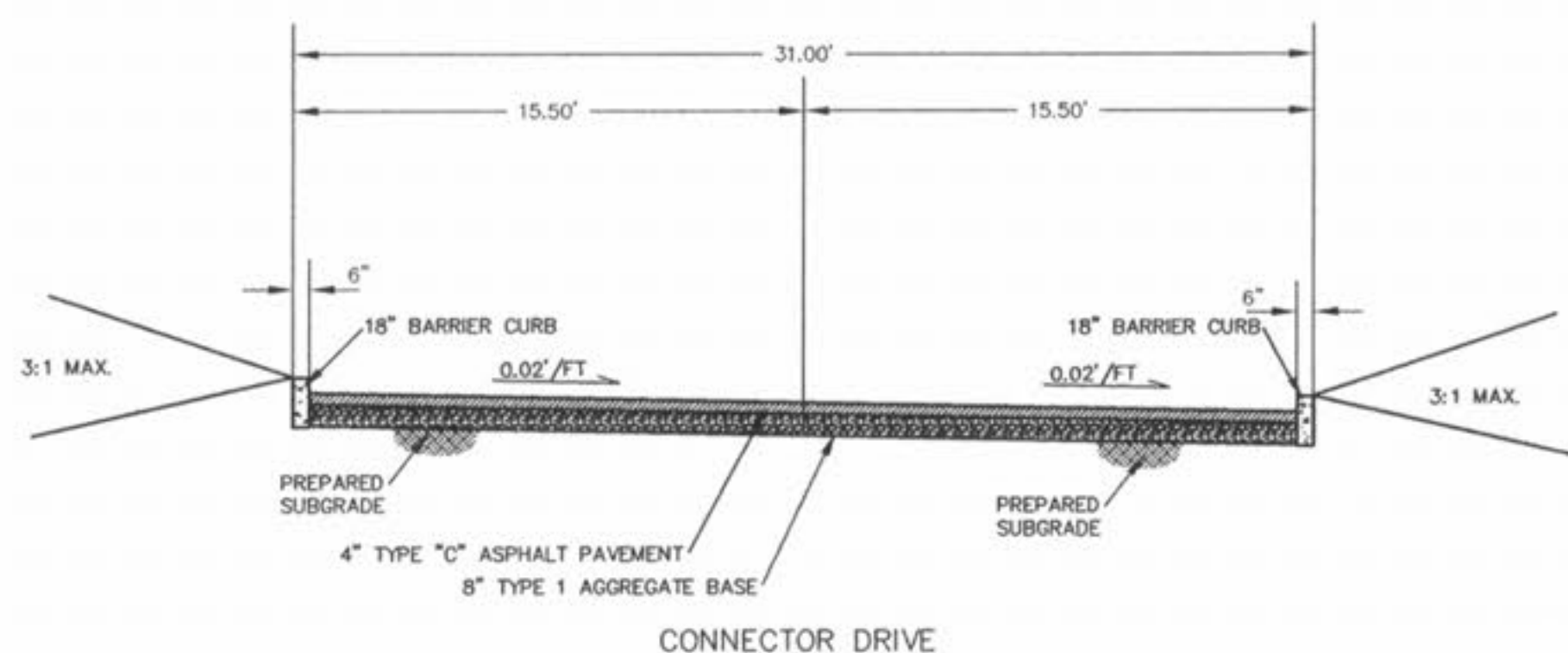


NOTE: LONGITUDINAL JOINTS SHALL FOLLOW PROPOSED PAVEMENT STRIPING.

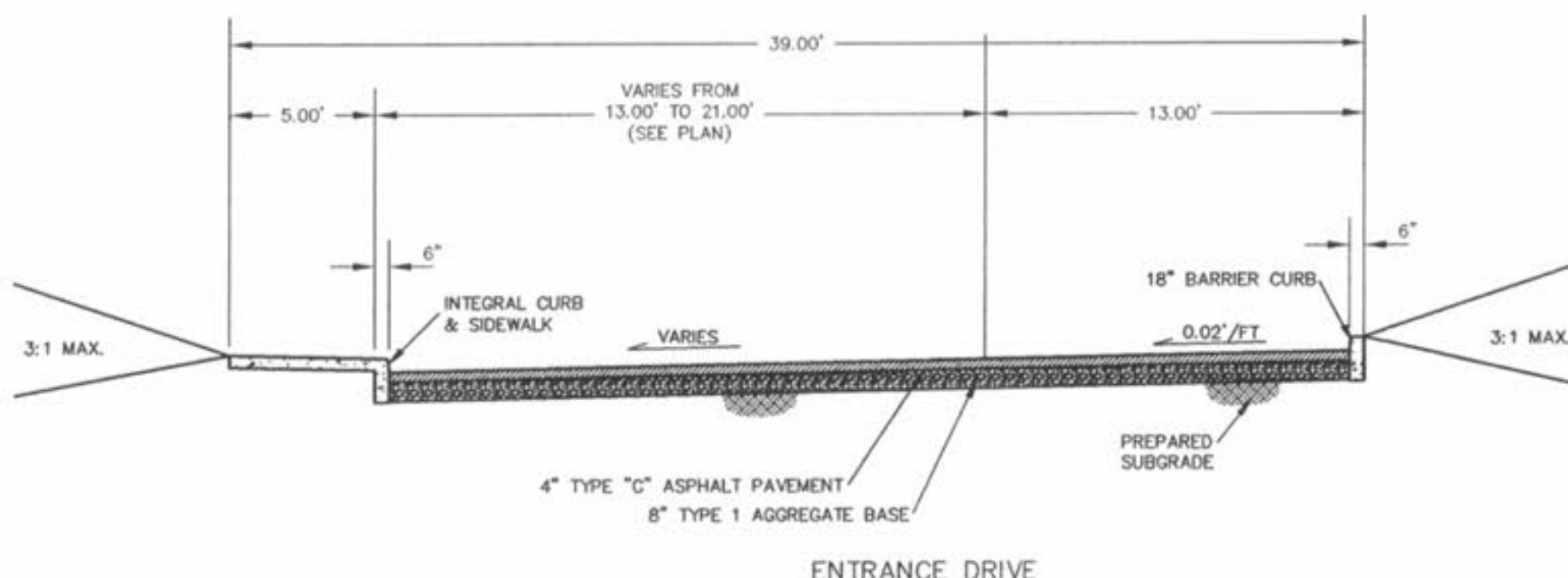
CRUSHER ROAD  
TYPICAL SUPERELEVATED SECTION  
STA 16+25.17 TO 17+90.17 TRANSITION S.E.  
STA 17+90.17 TO 22+17.92 FULL S.E.  
STA 22+17.92 TO 25+31.38 TRANSITION S.E.

NOTE: TYPE G TRAVERSE JOINTS REQUIRED:  
ALL JOINTS ARE TO BE SAWCUT.

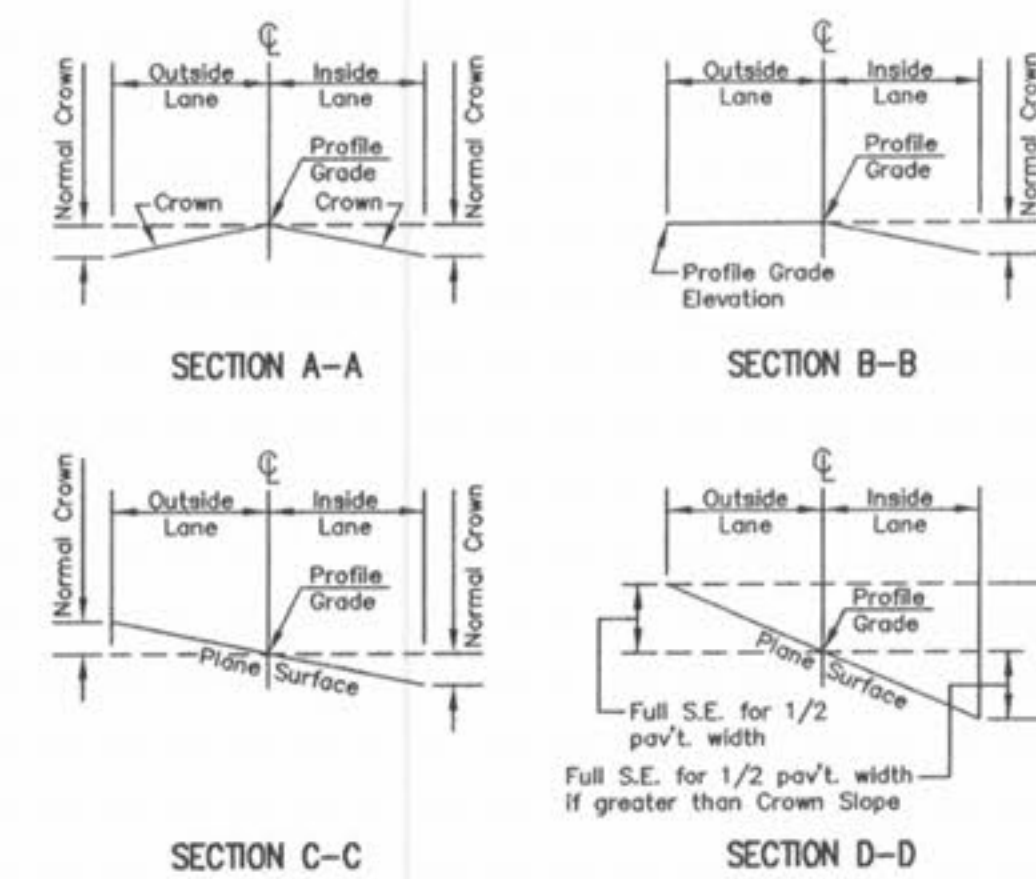
5  
VERT.  
5  
HORIZ.  
SCALE:



CONNECTOR DRIVE

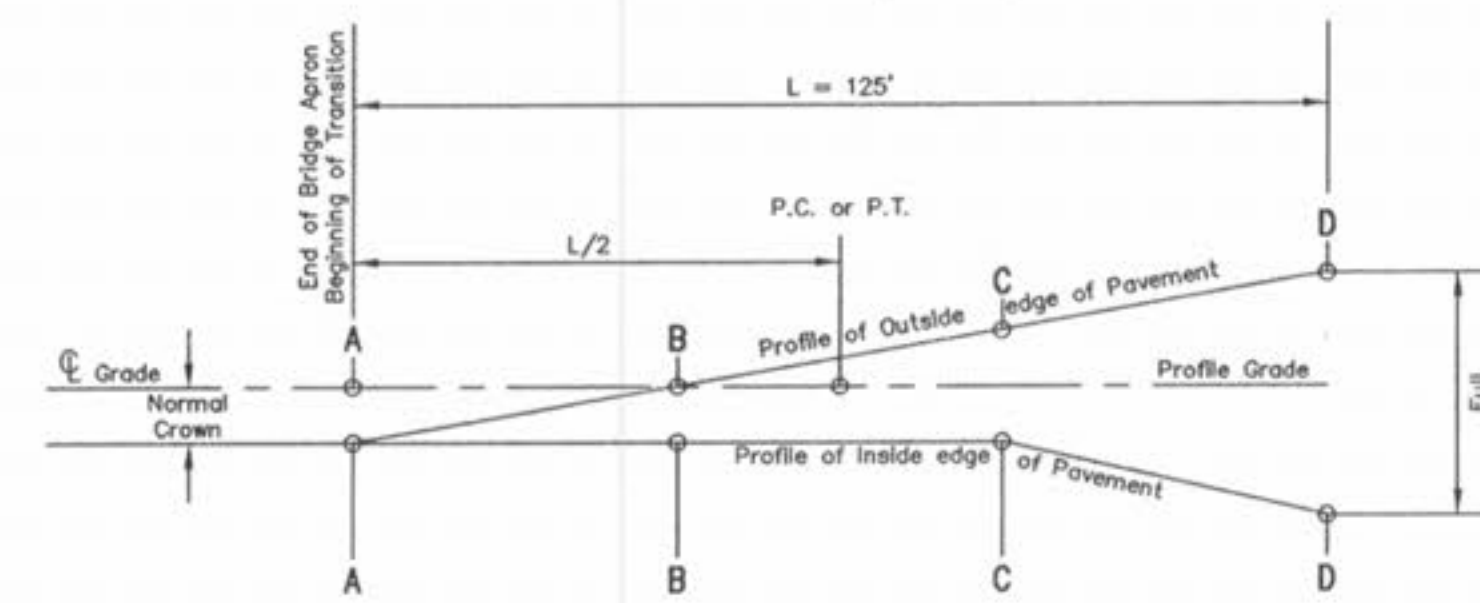


ENTRANCE DRIVE



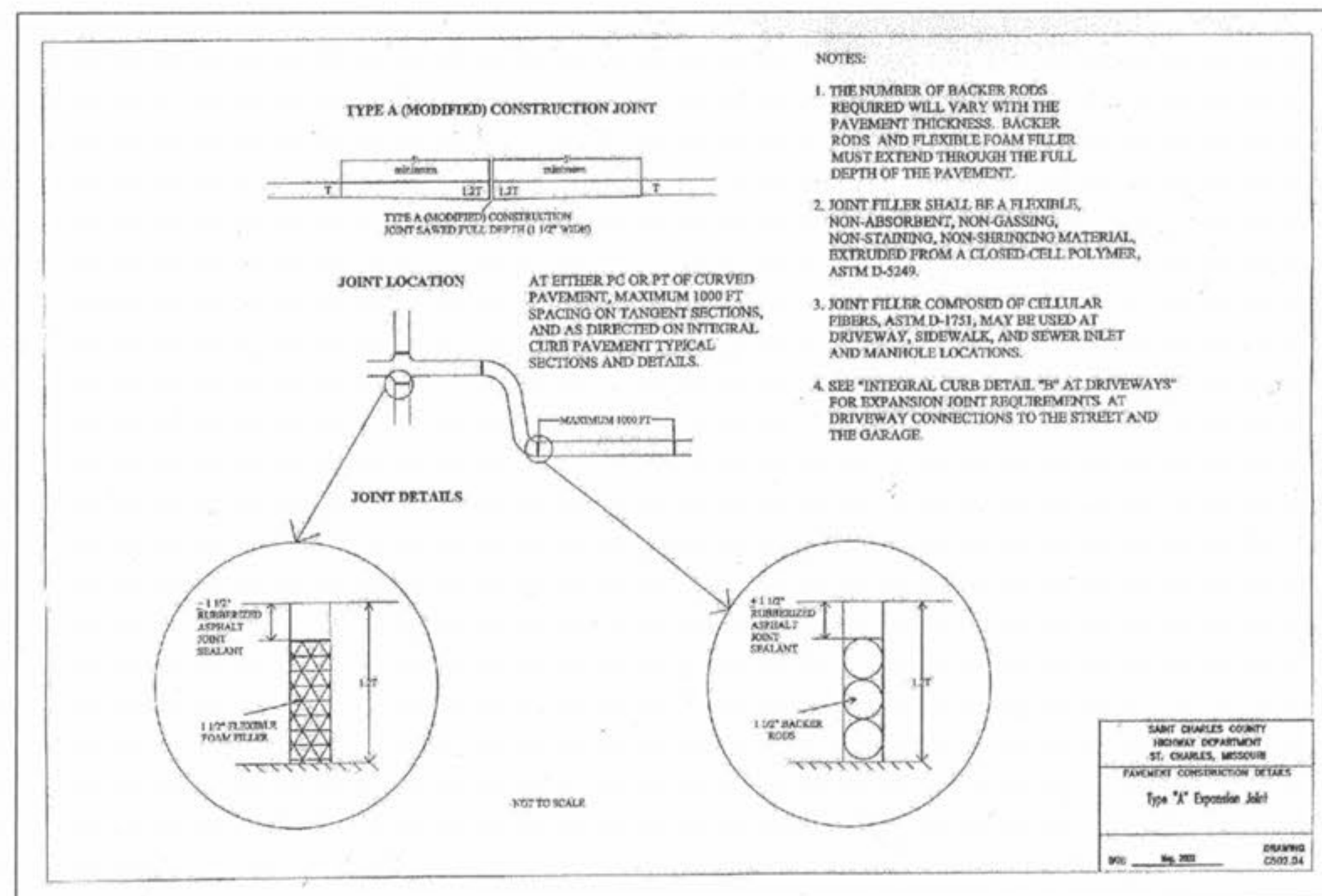
SUPERELEVATION DATA			
DESIGN SPEED	V=35 M.P.H.		
DEGREE OF CURVE	RADIUS (ft)	S.E.	3-LANES L (ft)
15°	375	0.040	125

LEGEND  
V = Assumed design speed  
S.E. = Rate of superlevation  
L = Length of S.E. Transition  
NC = Normal Crown (0.02ft./ft.)



NOTE: Short vertical curves may be inserted at points A, B, C & D by visual adjustments of stakes or forms in the field.

SUPERELEVATION  
(STRAIGHT LINE METHOD)



NOTES:

1. THE NUMBER OF BACKER RODS REQUIRED WILL VARY WITH THE PAVEMENT THICKNESS. BACKER RODS AND FLEXIBLE FOAM FILLER MUST EXTEND THROUGH THE FULL DEPTH OF THE PAVEMENT.
2. JOINT FILLER SHALL BE A FLEXIBLE, NON-ABSORBENT, NON-GASSING, NON-STAINING, NON-SHEDDING MATERIAL, EXTRUDED FROM A CLOSED-CELL POLYMER, ASTM D-5349.
3. JOINT FILLER COMPOSED OF CELLULAR FIBERS, ASTM D-1751, MAY BE USED AT DRIVEWAY, SIDEWALK, AND SEWER INLET AND MANHOLE LOCATIONS.
4. SEE "INTEGRAL CURB DETAIL 'B' AT DRIVEWAYS" FOR EXPANSION JOINT REQUIREMENTS AT DRIVEWAY CONNECTIONS TO THE STREET AND THE GARAGE.

SANIT CHARLES COUNTY  
INDUSTRIAL DEPARTMENT  
ST. CHARLES, MISSOURI  
PAVEMENT CONSTRUCTION DETAILS  
Type 'A' Expansion Joint  
DATE: 04/08/05  
DRAWING: 0303.04



- ▲ 06/30/05 PER CITY COMMENTS
- ▲ 05/23/05 PER CITY, WATER & SANITARY COMMENTS
- ▲ 04/11/05 PER FIRE MARSHAL COMMENTS

PREPARED FOR:  
BRINKMANN CONSTRUCTORS  
CONTACT: KEVIN JACOBSMEYER  
16650 CHESTERFIELD GROVE RD, SUITE 100  
CHESTERFIELD, MO 63005  
PH: (636) 537-9700  
FAX: (636) 537-9880

P&Z FILE # 3101.05.03

<b>O'FALLON AUTO MALL</b>			
<b>SITE DETAILS</b>			
<b>J. R. GRIMES</b>		12300 OLD TESSON ROAD SUITE 3000 ST. LOUIS, MO. 63128 PH. (314) 849-6100 FAX (314) 849-6010	
<b>CONSULTING ENGINEERS, INC.</b>			
DRAWN BY: JLW	DATE: 04/08/05	CHECKED BY: LJM	DATE: 04/08/05
JOB NUMBER: 675N		SHEET: C17.1	