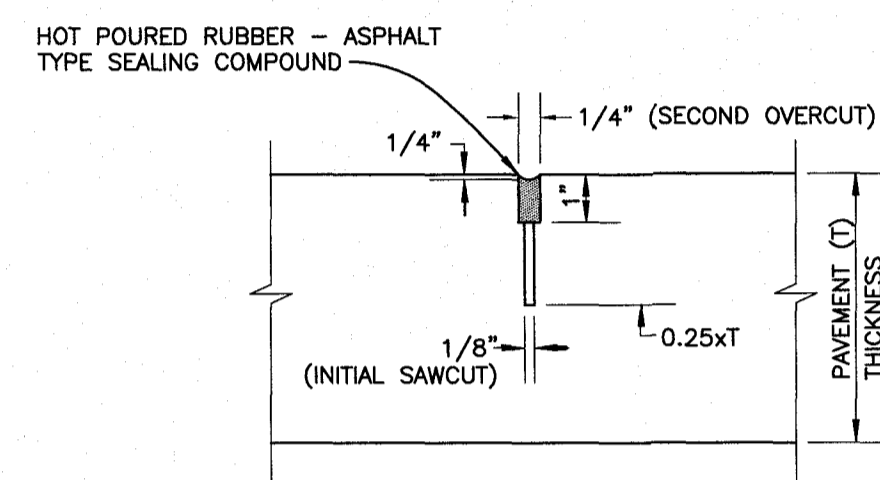
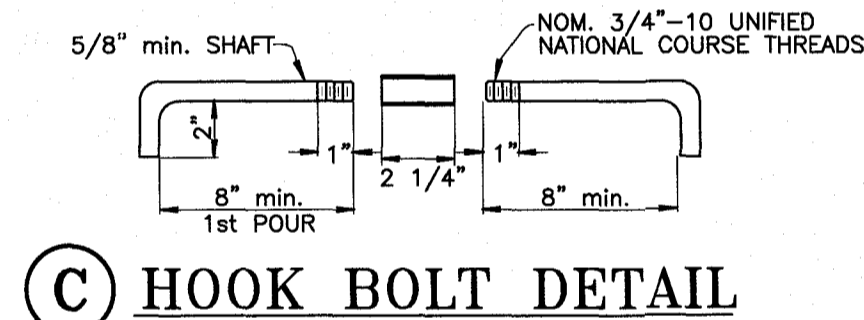


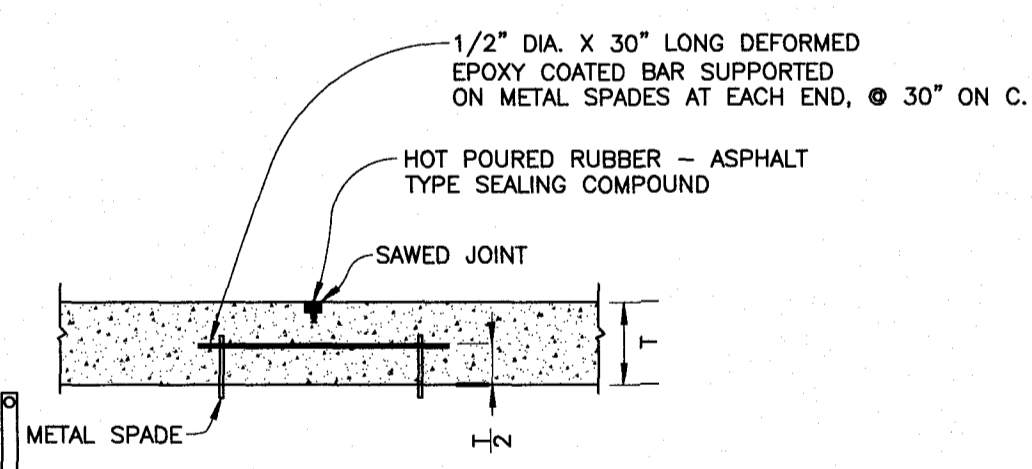
**A CONSTRUCTION JOINTS**



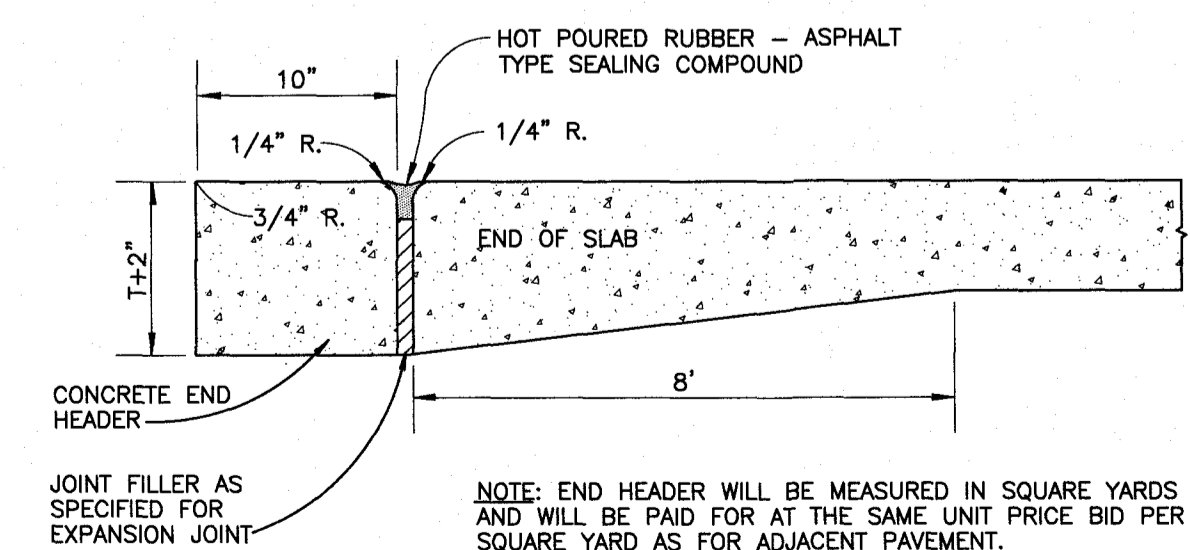
**B TRANSVERSE/LONGITUDINAL PLANE OF WEAKNESS JOINT**



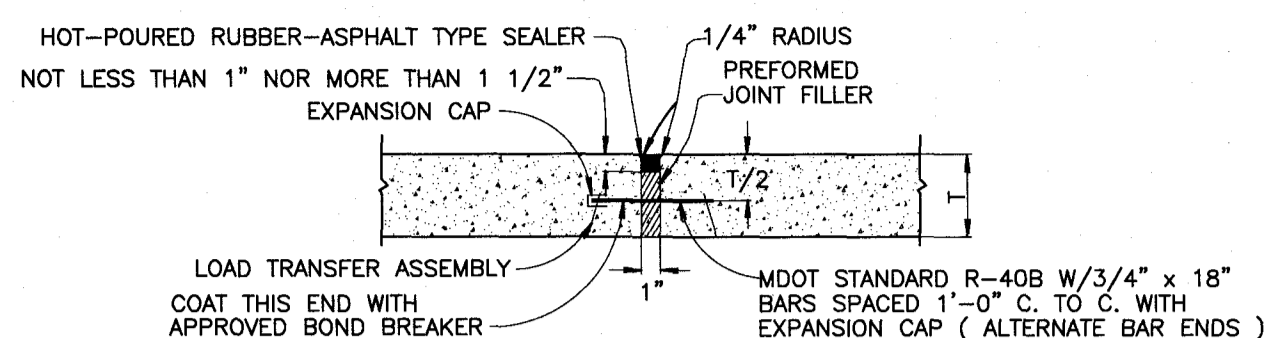
**C HOOK BOLT DETAIL**



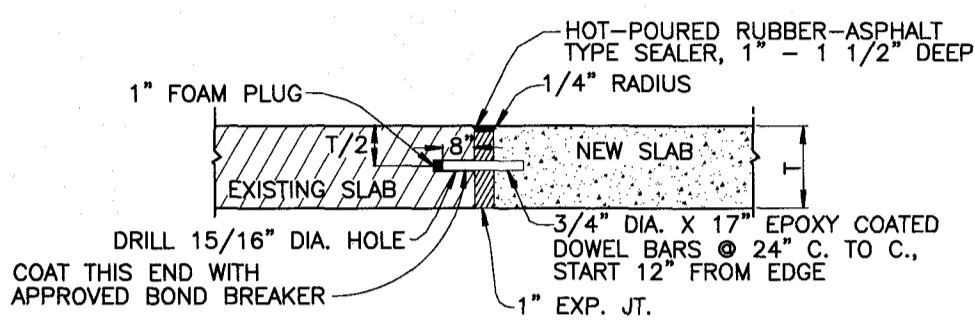
**D TIEBAR DETAIL**



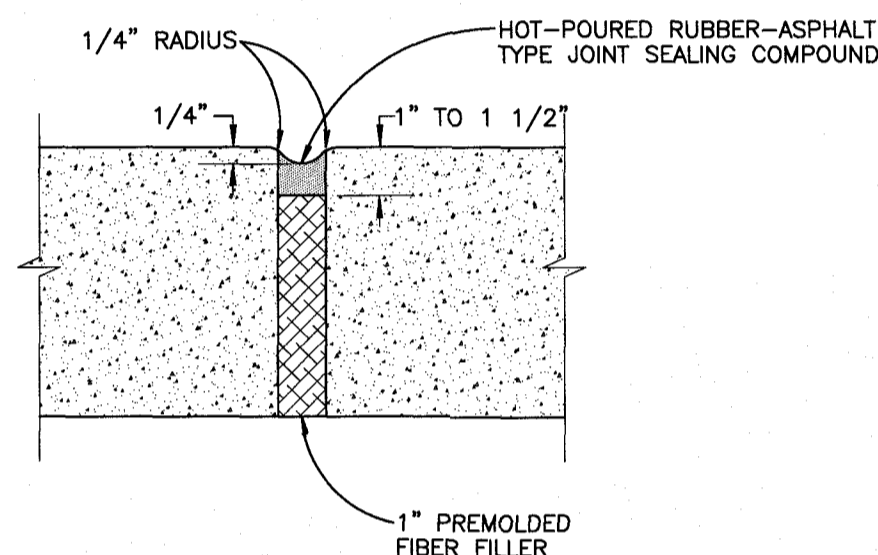
**END HEADER**



**1 LOAD TRANSFER ASSEMBLY WITH PREFORMED EXPANSION JOINT FILLER**



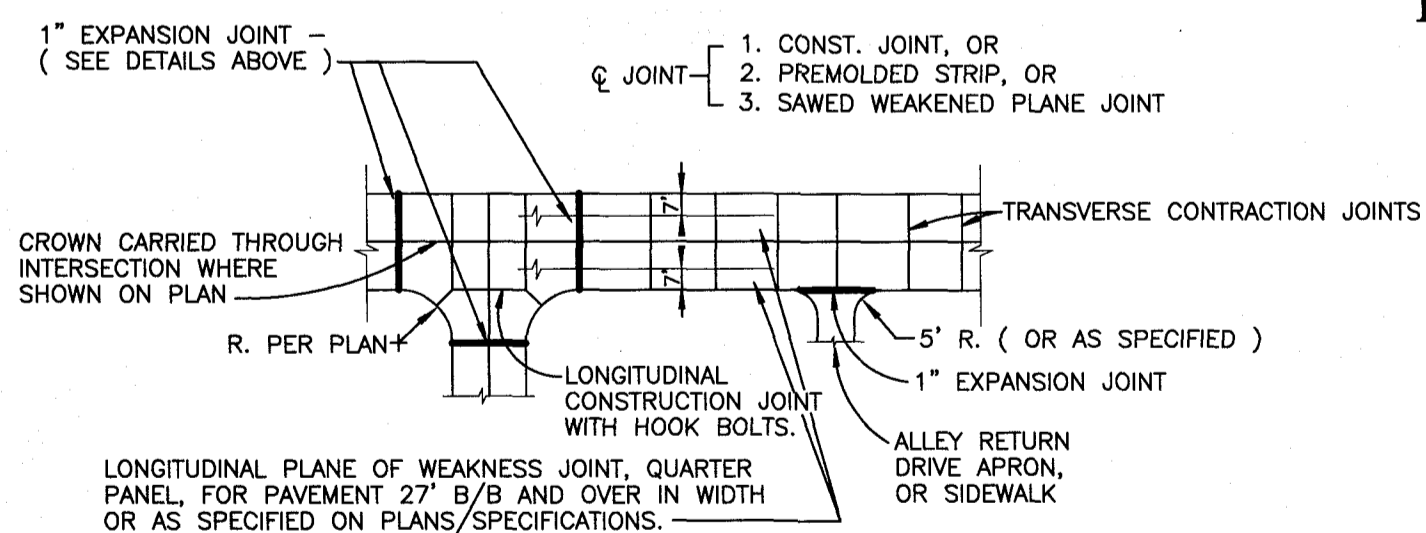
**2 EXPANSION JOINT WITH 3/4" DOWELS**



**3 EXPANSION JOINT**

**4 EXPANSION JOINT SPACING**

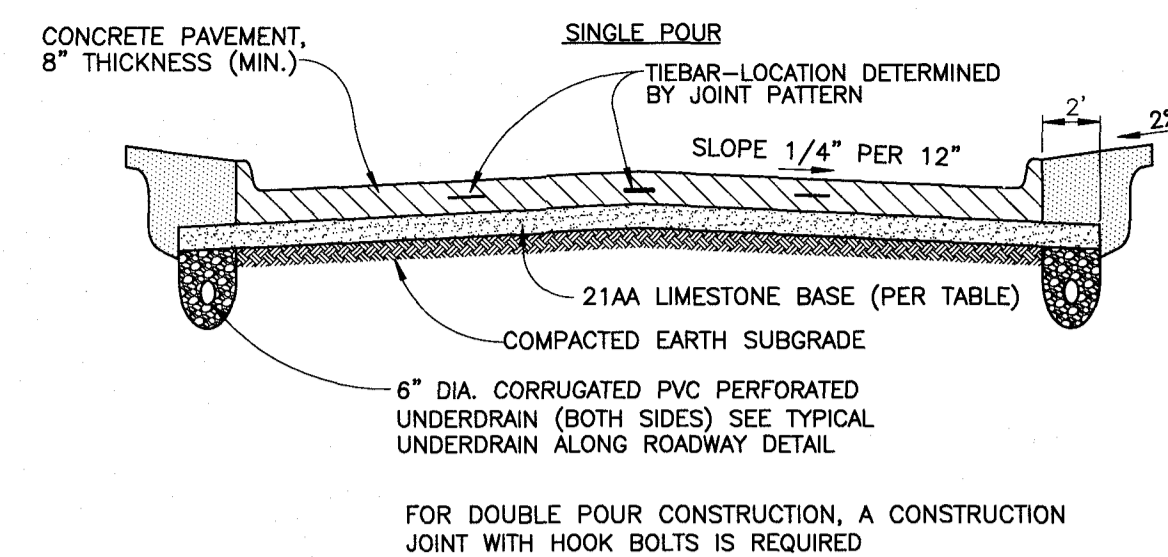
DAYTIME TEMPERATURES 50°F AND ABOVE:  
AT ALL INTERSECTIONS; MAXIMUM SPACING 700 FEET; AS SHOWN ON PLANS.  
DAYTIME TEMPERATURES BELOW 50°F:  
AT ALL INTERSECTIONS; MAXIMUM SPACING 450 FEET; AS SHOWN ON PLANS.



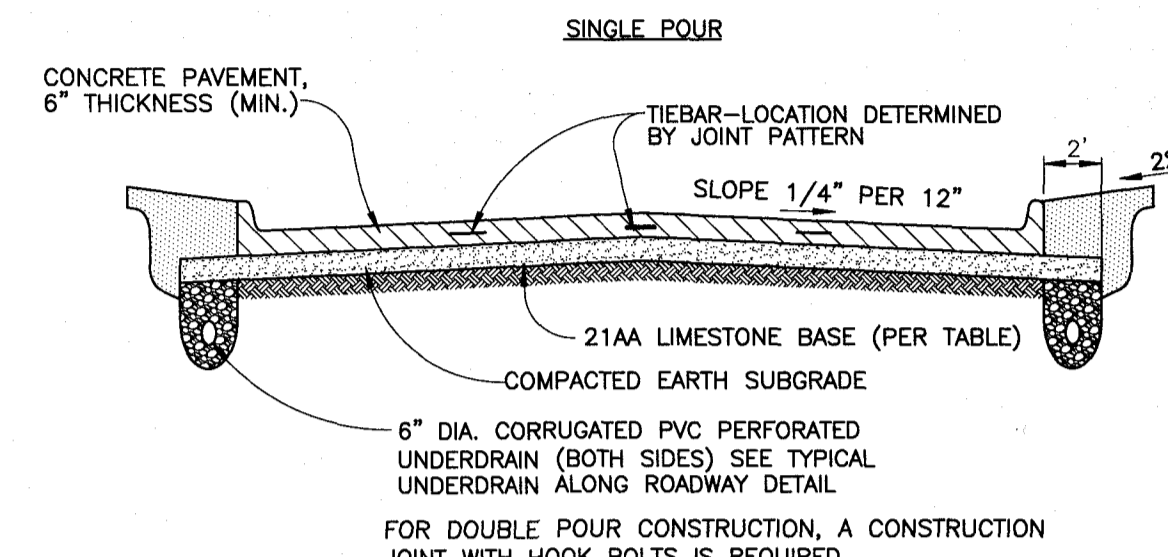
TRANSVERSE CONTRACTION JOINT SPACING		PAVEMENT WIDTH JOINT SPACING	
28' B/B	10.5'	30' B/B	10.5'
30' B/B	10.5'	32' B/B	12.5'

NOTE: EVERY 5TH TRANSVERSE JOINT SHALL BE FORMED WITH 1/4" x 2 1/4" PREFORMED BITUMINOUS JOINT MATERIAL PLACED AT THE TIME CONCRETE IS POURED. INTERMEDIATE TRANSVERSE JOINTS SHALL BE SAWED.

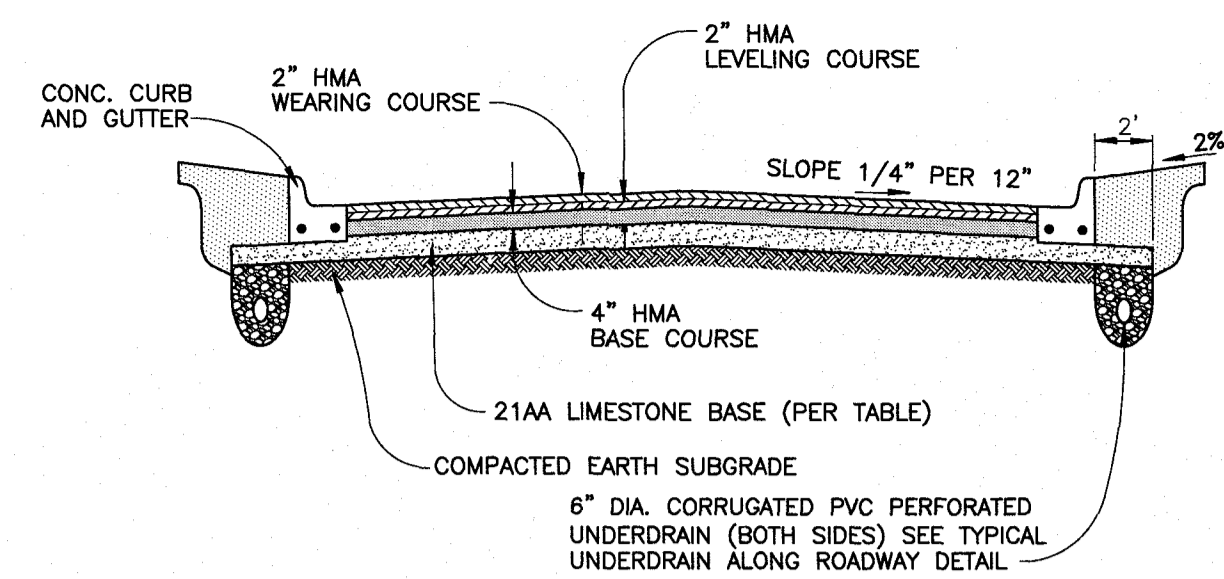
**5 JOINTING DETAILS**



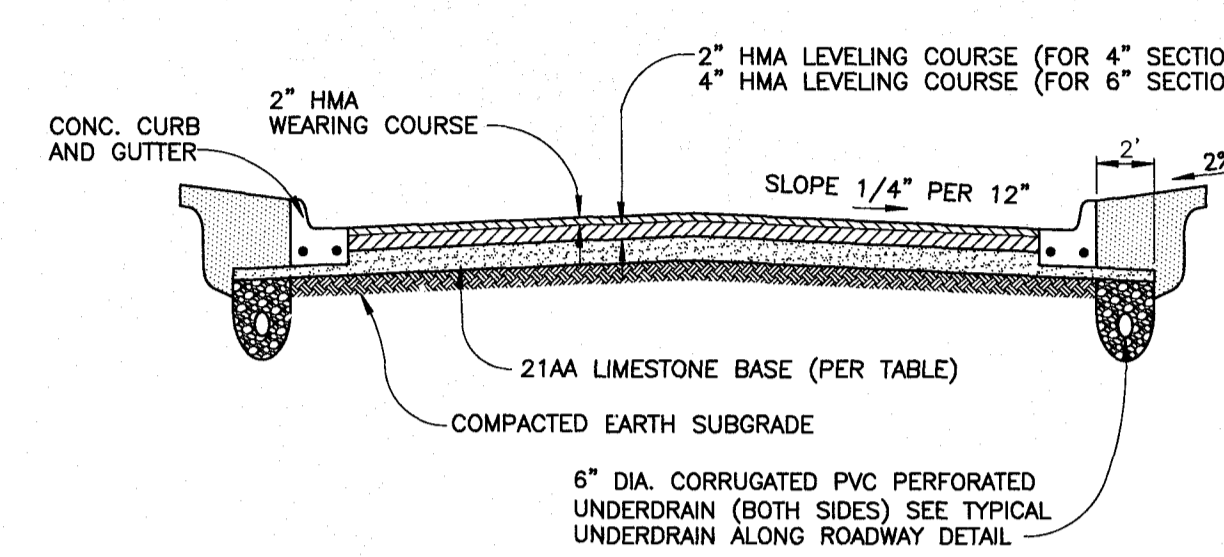
**CONCRETE PAVEMENT**  
HEAVY INDUSTRIAL, LIGHT INDUSTRIAL & COMMERCIAL/OFFICE MANEUVERING LANE - TRUCK TRAFFIC



**CONCRETE PAVEMENT**  
COMMERCIAL AND OFFICE PARKING AREAS



**8" HMA PAVEMENT**  
HEAVY INDUSTRIAL, LIGHT INDUSTRIAL & COMMERCIAL/OFFICE MANEUVERING LANE - TRUCK TRAFFIC



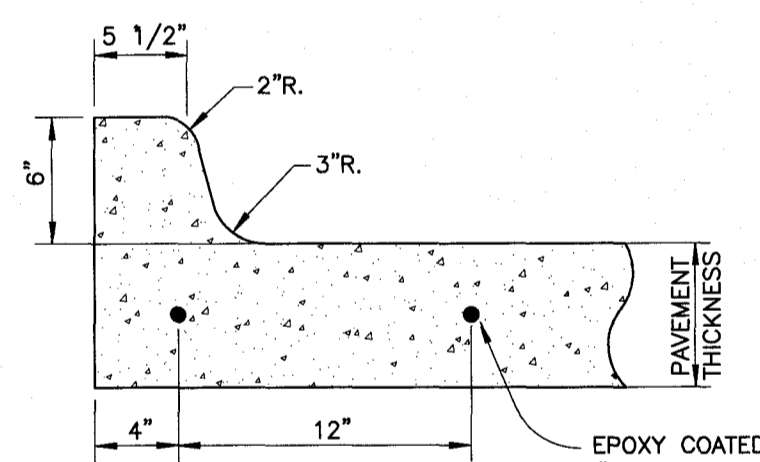
**4" & 6" HMA PAVEMENT**  
COMMERCIAL AND OFFICE PARKING AREAS

**TYPICAL PAVEMENT SECTIONS**

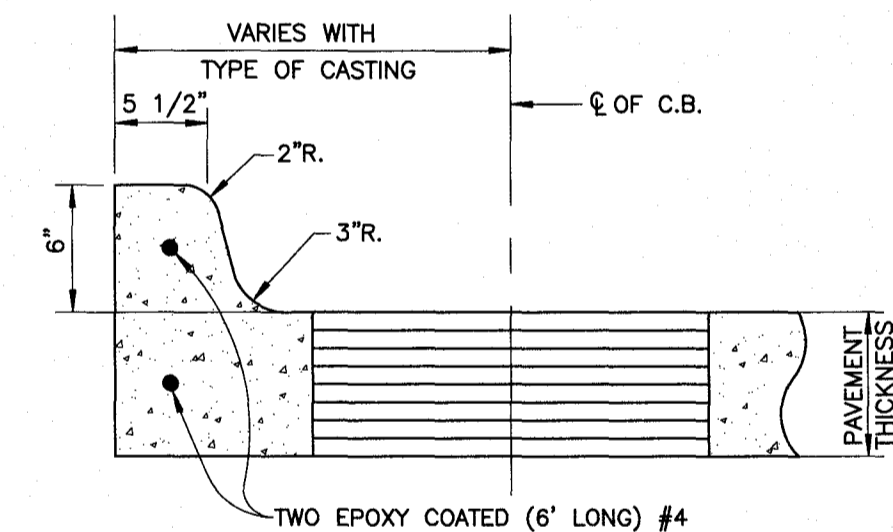
PAVEMENT CLASSIFICATION	CONCRETE PAVEMENT		BITUMINOUS PAVEMENT	
	CONCRETE	SUBBASE	HMA	SUBBASE
INDUSTRIAL	8"	6"	8"	6"
COMMERCIAL AND OFFICE				
- TRUCK & DRIVE LANE	8"	6"	6"	8"
- PARKING AREAS ONLY	6"	6"	4"	6"
MULTIPLE FAMILY RESIDENTIAL DRIVING LANE	7"	6"	4"	8"

**NOTES:**

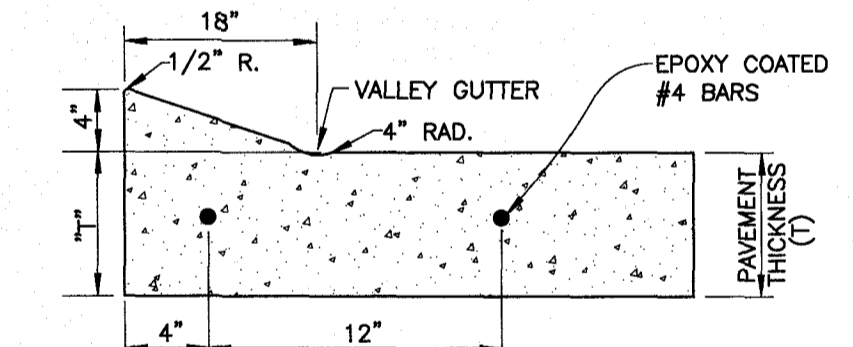
1. ALTERNATE PAVEMENT DESIGNS WILL BE CONSIDERED WHEN PROPOSED SECTION PROVIDES THE SAME STRUCTURAL NUMBER, LIFE EXPECTANCY AND IS SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER AND IS ACCOMPANIED BY DESIGN CALCULATIONS AND SOIL BORINGS.
2. HMA APPLICATION RATE IS 220#/S.Y. (2") MAX.
3. WEARING COURSE: MDOT 5E3 OR LVSP MIX
4. LEVELING COURSE: MDOT 4E3 MIX
5. BASE COURSE: MDOT 2E3 MIX
6. HMA MIXES SHALL BE ASPHALT CEMENT PERFORMANCE GRADE 85-100 (Pg 611-22)



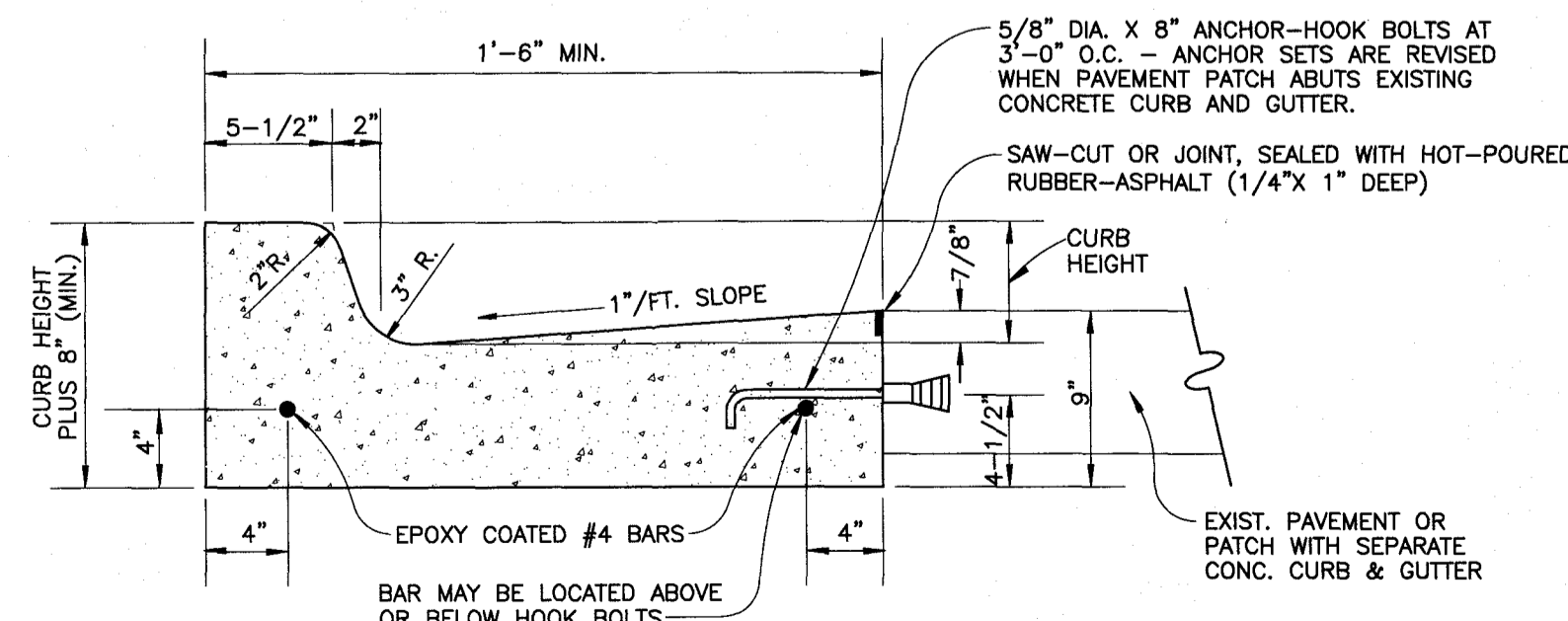
**6" CURB DETAIL INTEGRAL WITH CONCRETE PAVEMENT ( TYPICAL )**



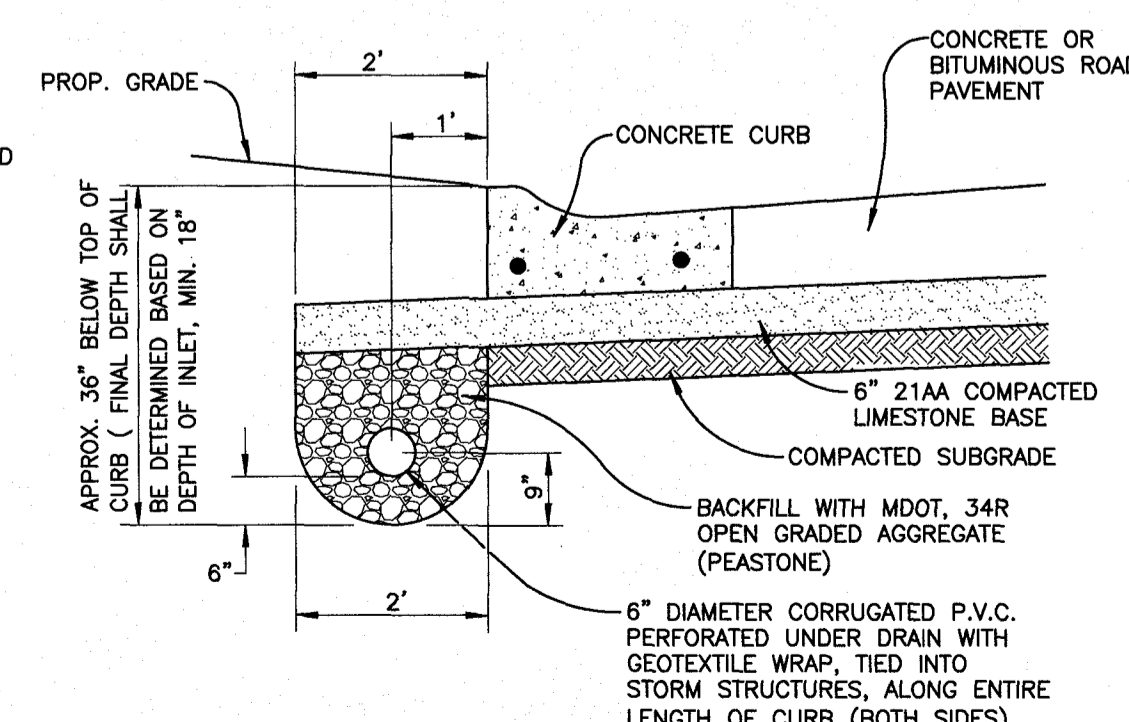
**6" CURB DETAIL INTEGRAL WITH CONCRETE PAVEMENT ( AT STRUCTURE )**



**4" MOUNTABLE CONCRETE INTEGRAL CURB**



**TYPICAL CONCRETE CURB AND GUTTER DETAIL**



**TYPICAL UNDERDRAIN ALONG ROADWAY**



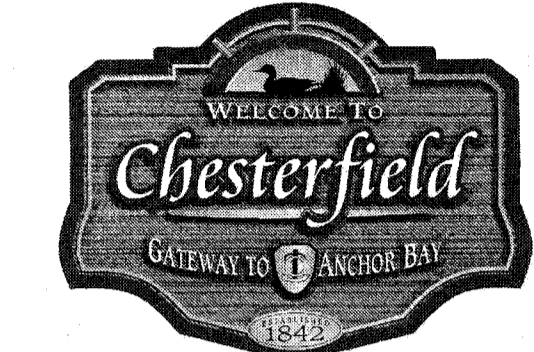
ANDERSON, ECKSTEIN AND WESTRICK, INC.

CIVIL ENGINEERS SURVEYORS ARCHITECTS

51301 Schoenherr Road Phone 586 726 1234  
Shelby Township Fax 586 726 8780  
Michigan 48315

www.aewinc.com

ENGINEERING STRONG COMMUNITIES

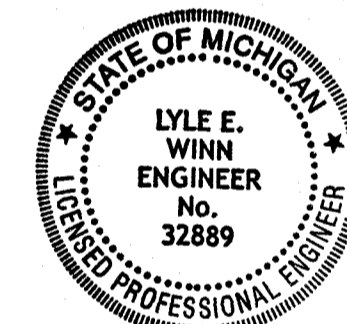


11-30-18 TOWNSHIP REVISIONS

DATE SUBMITTALS/REVISIONS

DRAWN BY: MJS CHECKED BY: AWP DATE: SEPTEMBER 2010

Model--12/5/2018 8:40:37 AM



LYLE E. WINN P.E. NO. 32889

DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *Bon Coddington*  
BON CODDINGTON, DIRECTOR

DATE: 12/6/18

CHARTER TOWNSHIP OF CHESTERFIELD

STANDARD PAVING DETAILS (1 OF 2)

SHEET NO.

PAV1

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