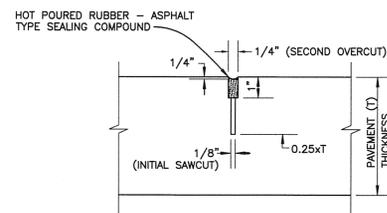
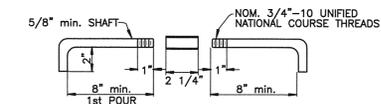


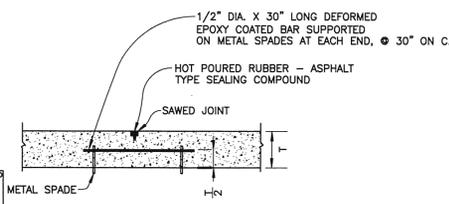
**A CONSTRUCTION JOINTS**



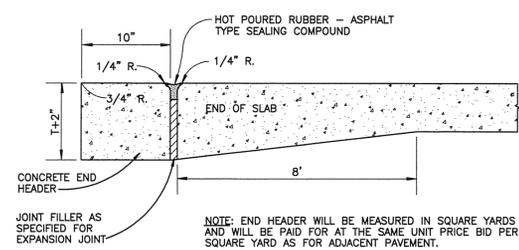
**B TRANSVERSE/LONGITUDINAL PLANE OF WEAKNESS JOINT**



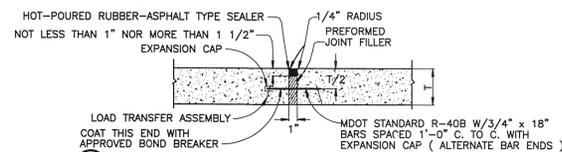
**C HOOK BOLT DETAIL**



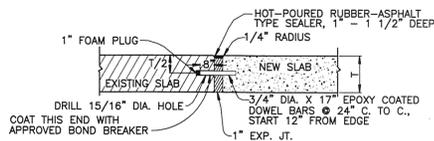
**D TIEBAR DETAIL**



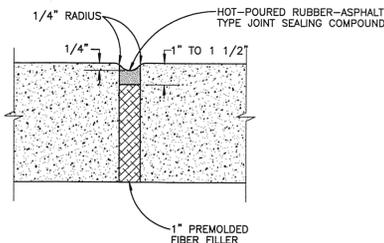
**END HEADER**



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



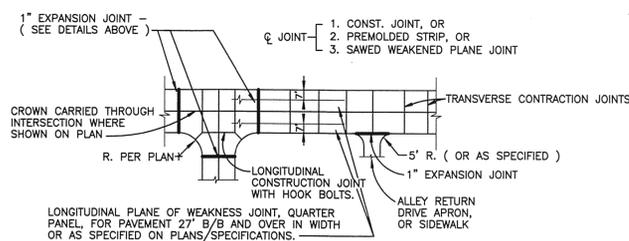
**2 EXPANSION JOINT WITH 3/4" DOWELS**



**3 EXPANSION JOINT**

**4 EXPANSION JOINT SPACING**

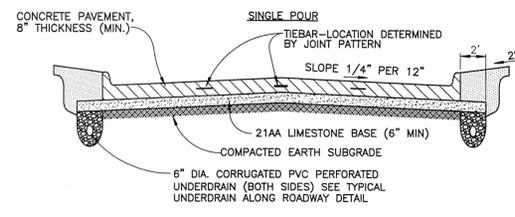
DAYTIME TEMPERATURES 50°F AND ABOVE:  
AT ALL INTERSECTIONS; MAXIMUM SPACING 700 FEET; AS SHOWN ON PLANS.  
DAYTIME TEMPERATURES BELOW 50°F:  
AT ALL INTERSECTIONS; MAXIMUM SPACING 450 FEET; AS SHOWN ON PLANS.



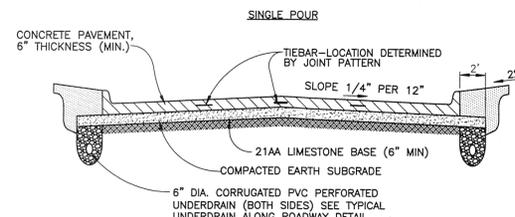
TRANSVERSE CONTRACTION JOINT SPACING	
PAVEMENT WIDTH	JOINT SPACING
28' B/B	10.5'
30' B/B	10.5'
32' B/B	12.5'

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

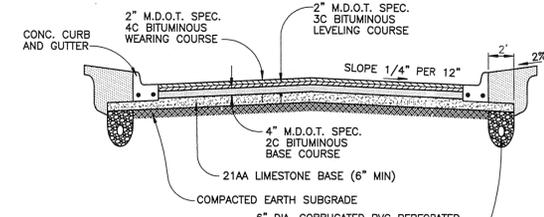
**5 JOINTING DETAILS**



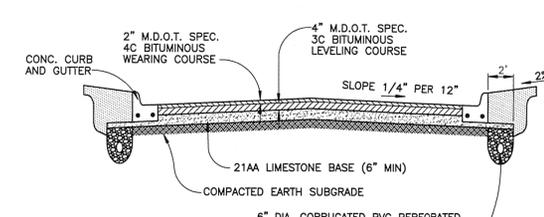
**CONCRETE PAVEMENT**  
HEAVY INDUSTRIAL, LIGHT INDUSTRIAL & COMMERCIAL/OFFICE MANEUVERING LANE - TRUCK TRAFFIC



**CONCRETE PAVEMENT**  
COMMERCIAL AND OFFICE PARKING AREAS



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

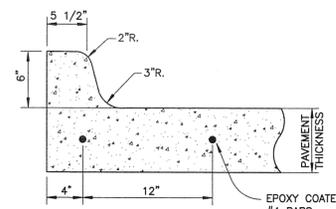


**BITUMINOUS PAVEMENT**  
COMMERCIAL AND OFFICE PARKING AREAS

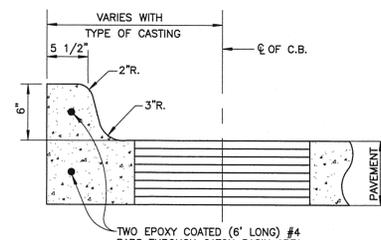
**TYPICAL PAVEMENT SECTIONS**

PAVEMENT & SUBBASE SECTION REQUIREMENTS FOR PARKING AREAS AND DRIVES			
PAVEMENT CLASSIFICATION	MINIMUM CONCRETE PAVEMENT THICKNESS - ( INCHES )	MINIMUM BITUMINOUS PAVEMENT THICKNESS - ( INCHES )	MINIMUM SUBBASE FOR CONCRETE AND BITUMINOUS PAVEMENT THICKNESS - ( INCHES )
HEAVY INDUSTRIAL	8	8	6
LIGHT INDUSTRIAL	8	8	6
COMMERCIAL AND OFFICE - MANEUVERING LANE - TRUCK TRAFFIC - PARKING AREAS ONLY	8 6	8 6	6 6
MULTIPLE FAMILY RESIDENTIAL DRIVING LANE	8	**	**

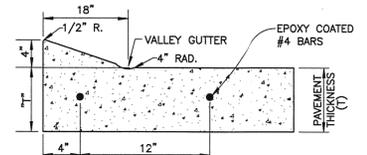
\*\* ALTERNATE PAVEMENT DESIGNS WILL BE CONSIDERED WHEN PROPOSED SECTION PROVIDES THE SAME STRUCTURAL NUMBER, LIFE EXPECTANCY AND IS SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER AND IS ACCOMPANIED BY DESIGN CALCULATIONS AND SOIL BORINGS.



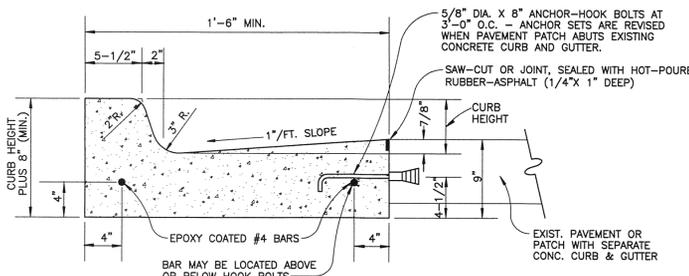
**6" CURB DETAIL INTEGRAL WITH CONCRETE PAVEMENT ( TYPICAL )**



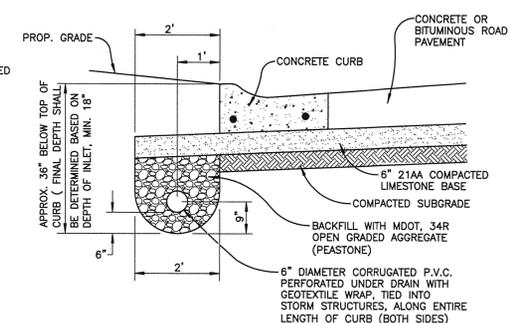
**6" CURB DETAIL INTEGRAL WITH CONCRETE PAVEMENT ( AT STRUCTURE )**



**4" MOUNTABLE CONCRETE INTEGRAL CURB**



**TYPICAL CONCRETE CURB AND GUTTER DETAIL**



**TYPICAL UNDERDRAIN ALONG ROADWAY**

Anderson, Eckstein and Westrick, Inc.  
51301 Schoenherr Road  
Chesterfield Township  
Michigan 48315  
Phone 586 726 1234  
Fax 586 726 8780  
www.aewinc.com



DATE	SUBMITTALS/REVISIONS



Gordon B. Wilson  
GORDON B. WILSON P.E. NO. 34055

DEPARTMENT OF PUBLIC WORKS

APPROVED BY: Joseph J. Galeski, Director

DATE: 9/2/2010

CHARTER TOWNSHIP OF CHESTERFIELD

STANDARD PAVING DETAILS (1 OF 2)

SHEET NO. PAV1