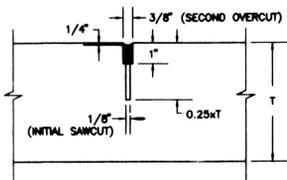
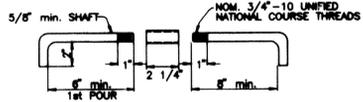


**A CONSTRUCTION JOINTS**

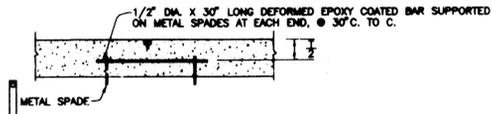
JOINT (A OR B) IF REPLACEMENT CONCRETE EX. ENDS BEYOND EXPANSION ANCHOR HOOK BOLTS.



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

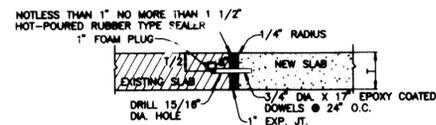


**C HOOK BOLT DETAIL**

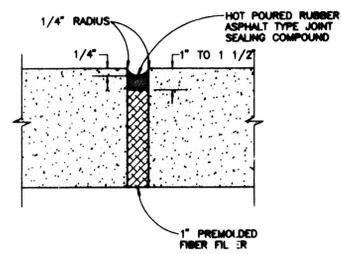


**D TIEBAR DETAIL**

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



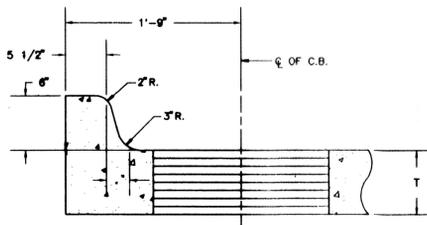
**2 EXPANSION JOINT WITH 3/4\" DOWELS**



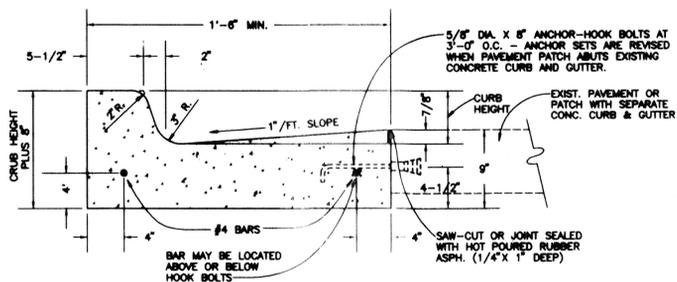
**3 EXPANSION JOINT**

**4 EXPANSION JOINT SPACING**

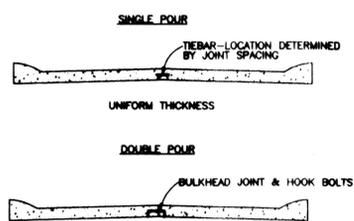
DAYTIME TEMPERATURES 50°F AND ABOVE:  
AT ALL INTERSECTIONS, MAXIMUM SPACING 700 FEET, AS SHOWN ON PLANS.  
DAYTIME TEMPERATURES BELOW 50°F:  
AT ALL INTERSECTIONS, MAXIMUM SPACING 450 FEET, AS SHOWN ON PLANS.



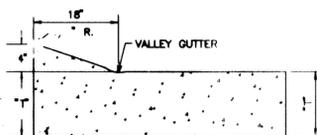
**6\" CURB DETAIL INTEGRAL WITH CONCRETE PAVEMENT (TYPICAL)**



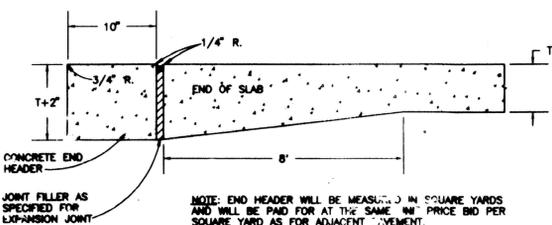
**TYPICAL CONCRETE CURB AND GUTTER DETAIL**



**PAVEMENT SECTION**



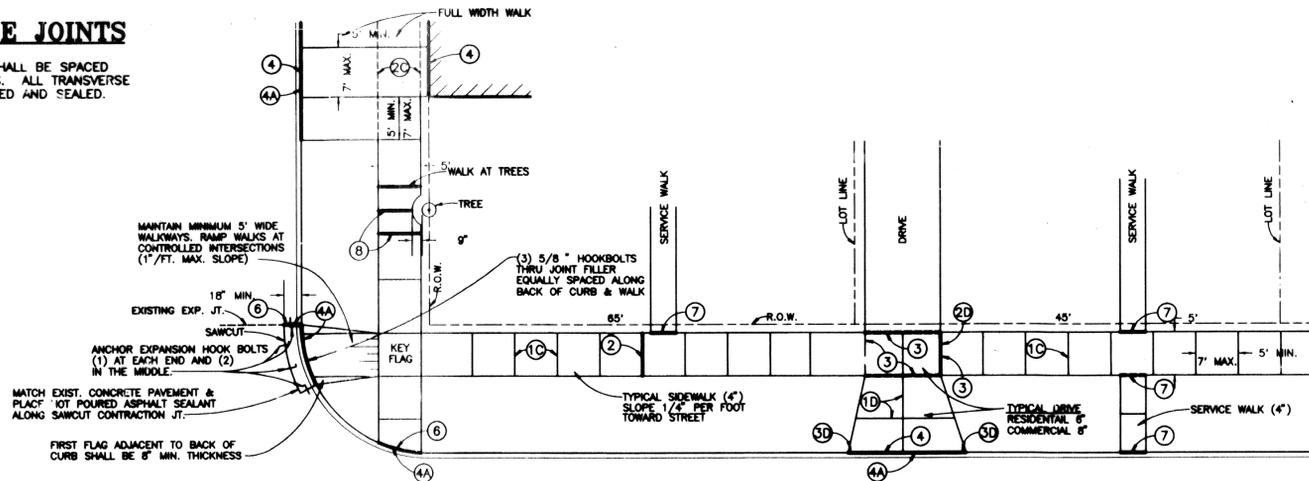
**4\" MOUNTABLE CONCRETE INTEGRAL CURB (NON-REINFORCED)**



**END HEADER**

**5 TRANSVERSE JOINTS**

TRANSVERSE JOINTS SHALL BE SPACED AT 10.5 FT. INTERVALS. ALL TRANSVERSE JOINTS SHALL BE SAWED AND SEALED.



**\* EXPANSION JOINTS**

- 1 PLACE 1/2" FIBER EXP. JOINT FILLERS AT LOT LINES WHEN LOTS ARE 50' OR LESS.
- 2 ADDITIONAL 1/2" FIBER EXP. JOINT FILLERS FOR LOTS GREATER THAN 50'. NOT TO EXCEED 50' INTERVALS.
- 3 PLACE 1/2" FIBER EXP. JOINT FILLERS EACH SIDE, IF EDGE OF DRIVE IS WITHIN 2' OF LOT LINES PLACE EXPANSION PAPER AT PROPERTY LINE.
- 4 PLACE 1" FIBER EXP. JOINT FILLERS AT CURB AND BUILDING OR R.O.W. LINE.
- 4A AT CURB LINE, EXPANSION JOINTS SHALL BE SEALED WITH HOT RUBBERIZED SEALANT.
- 5 PLACE 1/2" FIBER EXP. JOINT FILLERS AT R.O.W. LINES OF CROSS-WALKS.
- 6 PLACE 1" FIBER EXP. JOINT FILLERS AT INTERSECTIONS OF CURB RADIUS AND IN LINE WITH EXISTING JOINTS.
- 7 PLACE 1/2" FIBER EXP. JOINT FILLER AT INTERSECTION OF SERVICE WALK & CURB ALSO AT SERVICE WALK & WALK.

- 8 PLACE 1/2" FIBER EXP. JOINT FILLERS AT EITHER SIDE OF SIDEWALK ABUTTING TREE AND AT CENTERLINE JOINT.

**CONTRACTION JOINTS**

- 10 PLACE CONTRACTION JOINTS AT INTERVALS NOT LESS THAN 5' OR GREATER THAN 7'. FULL WIDTH OF WALK. JOINT DEPTH SHALL BE 1/2 THICKNESS OF CONCRETE.
- 20 PLACE CONTRACTION JOINTS AT WALK LINES FOR FULL WIDTH SIDEWALK.

**DRIVEWAYS**

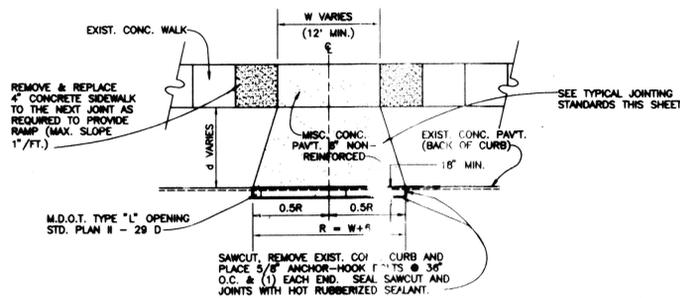
- 10 PLACE CONTRACTION JOINTS SO THAT NO SECTION OF THE CONCRETE DRIVEWAY EXCEEDS A DIMENSION OF 15'x15'.
- 20 PLACE 1" FIBER EXPANSION FILLER AT ALL SIDES OF A COMMERCIAL DRIVE.
- 30 WIDTH OF APPROACH AT STREET SHOULD BE MIN. 2' WIDER THAN WIDTH AT SIDEWALK, EACH SIDE.

\* FIBER EXPANSION JOINT FILLERS SHALL BE FULL DEPTH

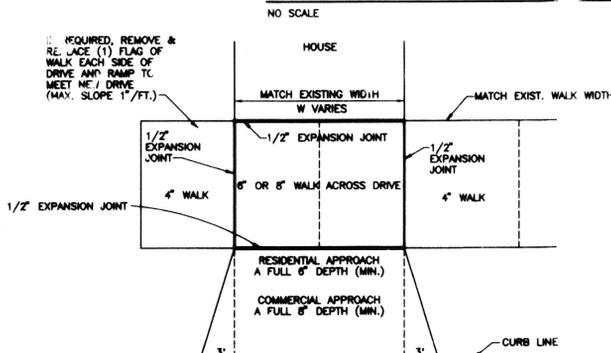
**NOTES**

- 1. CONCRETE WORK NOT CONSTRUCTED UNDER THE CITY'S CONTRACTOR MUST BE DONE UNDER A PERMIT, SECURED THROUGH THE CITY'S ENGINEERING DEPARTMENT.
- 2. NO CONCRETE SHALL BE PLACED UNTIL A PRE-CHECK HAS BEEN REQUESTED BY THE CONTRACTOR OR HOME-OWNER AND APPROVED BY THE CITY'S ENGINEERING DEPARTMENT AT LEAST (24) HOURS IN ADVANCE. FINAL INSPECTION IS ALSO REQUIRED AT PLACEMENT OF CONCRETE.
- 3. ALL WORK SHALL CONFORM TO THE CITY'S STANDARDS & SPECIFICATIONS AVAILABLE THRU THE ENGINEERING DEPARTMENT.
- 4. HANDICAP RAMP SHALL MEET PAVEMENT GUTTER ELEVATION. NO LIP PERMITTED.

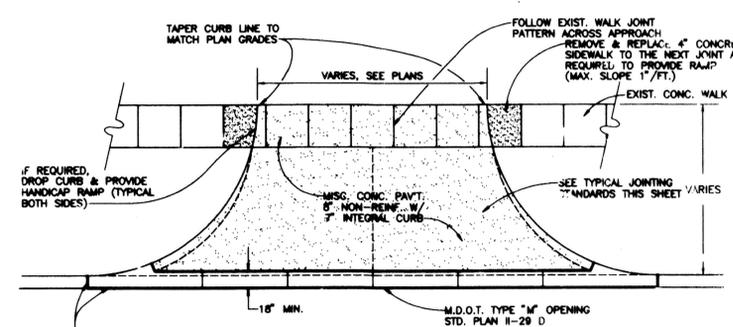
**TYPICAL SIDEWALK & DRIVE APPROACH JOINTING STANDARDS**



**NEW RESIDENTIAL DRIVEWAY LAYOUT FOR EXISTING PAVEMENT CONDITION**



**REMOVAL AND REPLACEMENT OF EXISTING DRIVE APPROACH FOR EXISTING OR NEW PAVEMENT CONDITION**



**NEW COMMERCIAL DRIVEWAY LAYOUT FOR EXISTING PAVEMENT CONDITION**

**CITY OF ROSEVILLE STANDARD PAVING DETAILS**

**DEPARTMENT OF PUBLIC WORKS**



ANDERSON, ECKSTEIN AND WESTRICK INC.  
51301 SANDHURST ROAD - SUITE 100 - ROCKY HILL, MICHIGAN 48315  
PHONE (313) 738-1234

PROJECT NO. SHEET NO.  
DATE: NOVEMBER 1998  
DRAWN BY: SET CHECKED BY: GFL



ROY C. ROSE PE NO. 9400

REMARKS  
DATE  
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FILE: PAV-ROD  
PLOT SCALE: 1"=1'  
11-24-98