



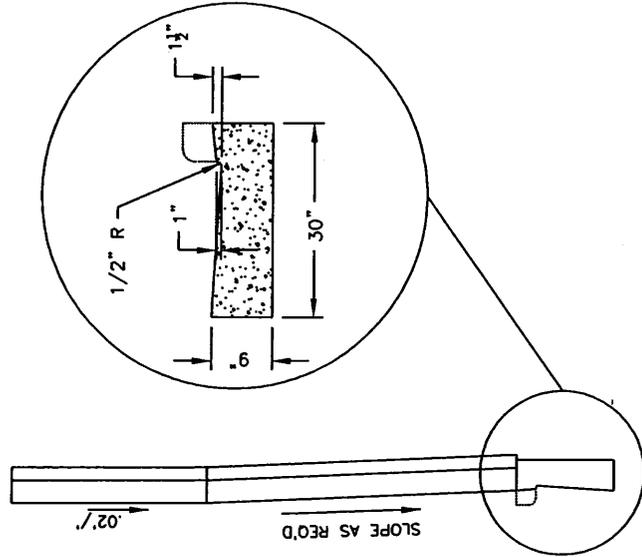
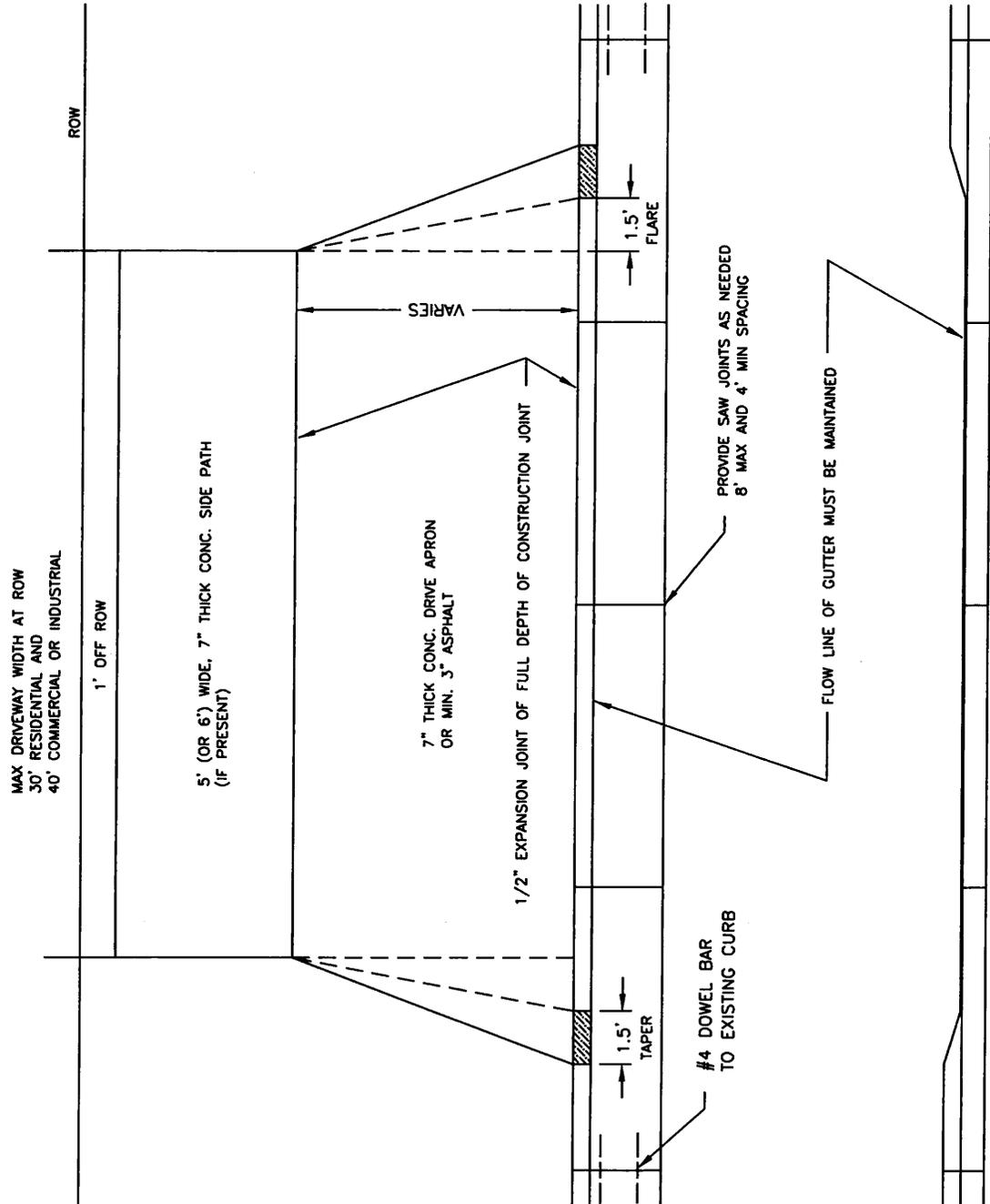
Department of Community Development
3805 South Casper Drive
New Berlin, Wisconsin 53151

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DRIVEWAY APPROACH SPECIFICATIONS

- A. Owner or Contractor must complete the Driveway Approach Permit form.
- B. Include Contractor's Insurance Certificate for \$1,000,000 Bodily Injury and property insurance.
- C. Curb and Gutter Sections:
 1. All driveways along roadways with curb and gutter, with or without side paths, shall:
 - a. be constructed with a driveway apron. Apron shall be 7" thick concrete or a minimum of 3" asphalt on a stone base.
 - b. replace curb and gutter at driveway location with reduced head curb. (No saw cutting allowed reducing head, poured concrete curb only, as of January 2005.)
 - c. be constructed according to **Figure No. 9**
 2. Concrete for curbs and side paths shall be air entrained, grade A, conforming to WisDOT Standard Specifications (Section 501 & 601), and in particular, meet the following requirements:
 - a. Minimum concrete content: 6.0 sacks per cubic yard
 - b. Compressive strength after 28 days cured: 3,500 psi
 - c. Size of course aggregates required: No. 1
 - d. Slump: 1" – 3"
 - e. Air Content: 4.5% - 7.5%
 3. 1/2" Expansion joint material must be placed between the curb and the approach.
 4. Two 12" dowel bars are required at each connection to existing curb. (WisDOT section 505.2.6.1)
 5. Call for inspection of formed approach 24 hours prior to pouring. (262) 797-2445. Inspections are done between 8:30am and 4:00pm Monday – Friday.
- D. Ditch Sections
 1. Concrete driveway approaches installed in areas with culverts will be permitted, provided that the following conditions are met:
 - a. Expansion joints must be installed 2-feet on either side of the culvert. The joint material shall be a minimum of 1/2-inch thick and extended the full thickness of the concrete.

- b. No Reinforcement of any kind may be used in the concrete between the extension joints.
 - c. A negative slope from edge of the road to the edge of the shoulder shall be provided so the snowplows do not catch on the approach. Warping of the surface to blend into the shoulder will also be allowed.
 - d. The thickness of the concrete shall be 7-inches.
 - e. A longitudinal joint shall be provided down the center of the drive.
 - f. The grade of the drive at the edge of the road shall be no higher than the existing road surface or the top of curb.
 2. If you cannot meet conditions a-f as noted above, then asphalt or gravel must be placed over the culvert from a point 3-feet from the property owner's side of the culvert to the edge of the road.
 3. Fill out a culvert permit for new or replacement culverts.
 4. Construct according to **Figure No. 11**
- E. It shall be the sole responsibility of the Contractor to install and maintain sufficient warning barricades and lights to properly protect the work and warn the public. All barricades and warning devices shall conform to the Manual on Uniform Traffic Control Devices, latest edition.
- F. All work shall be guaranteed for one year from the acceptance date of the work. If, within the guarantee period, repairs or changes are required in connection with the work, which, in the opinion of the City Engineer, is rendered necessary as the result of the use of materials, equipment or workmanship which are inferior, defective or not in accordance with the terms of the permit, the Contractor shall promptly, upon receipt of the notice from the City Engineer, and without expense to the City, restore the work to satisfactory condition and correct all defects.
- G. The Contractor shall indemnify and hold harmless the City of New Berlin, its officers, agents and employees, from any and all actions, claims or demands whatsoever arising from the performance of this work. It is the intent of the parties that the City is to be held entirely harmless from any and all liability of whatsoever kind of nature which may be imposed upon it by reason of the letting, execution, and performance of this permit.

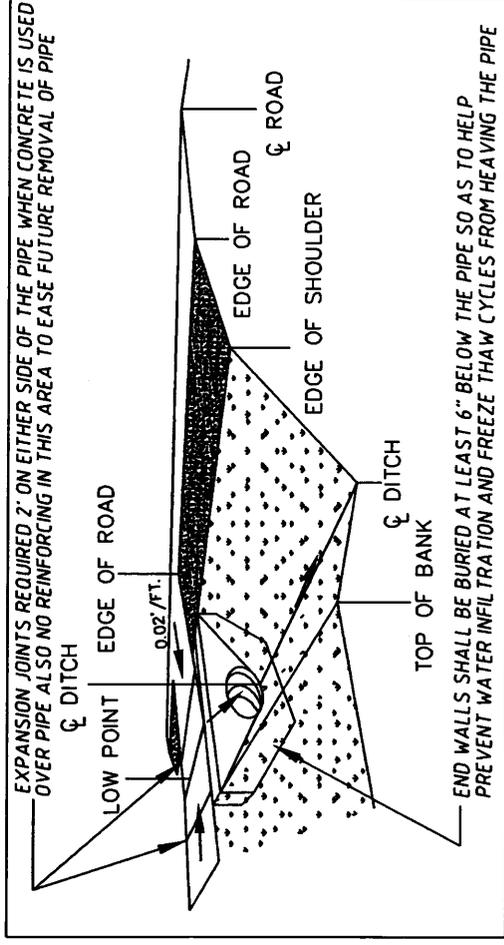
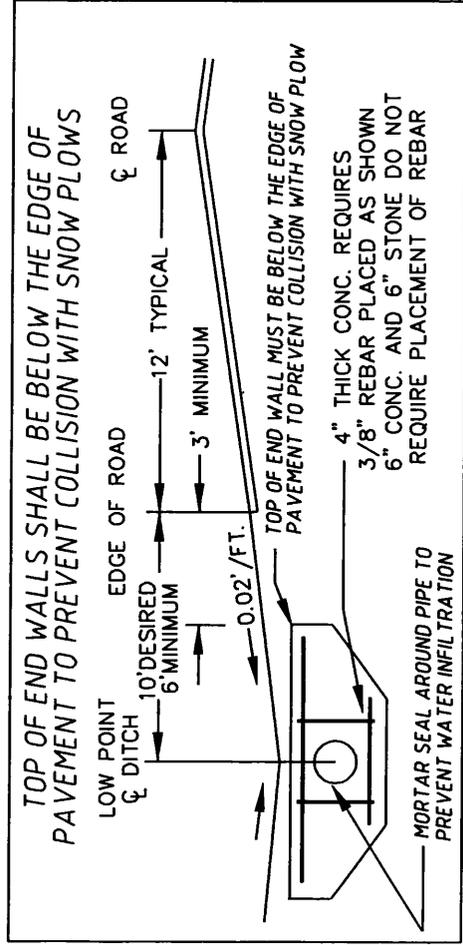
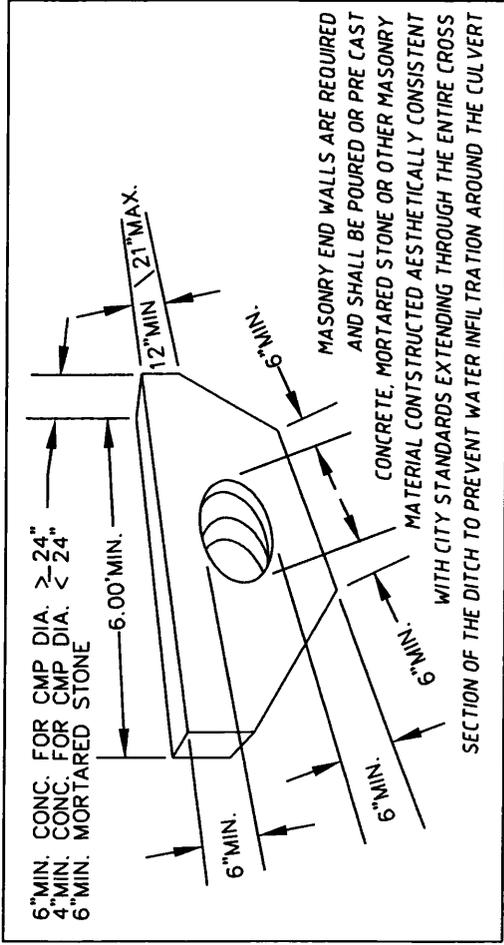


CITY OF NEW BERLIN
 ENGINEERING DEPARTMENT
 DRIVEWAY APPROACH
 W/ VERTICAL FACE CURB & SIDE PATH

DRAWN BY: TMS DATE: 6/05 SCALE: NTS

FIGURE NO. 9

MAX DRIVEWAY WIDTH AT BACK OF CURB IS
 34' RESIDENTIAL AND
 55' COMMERCIAL OR INDUSTRIAL



CITY OF NEW BERLIN ENGINEERING DEPARTMENT		
CULVERT END WALLS		
DRAWN BY:	DATE:	SCALE:
NPS	1/01	NTS

FIGURE NO. 11