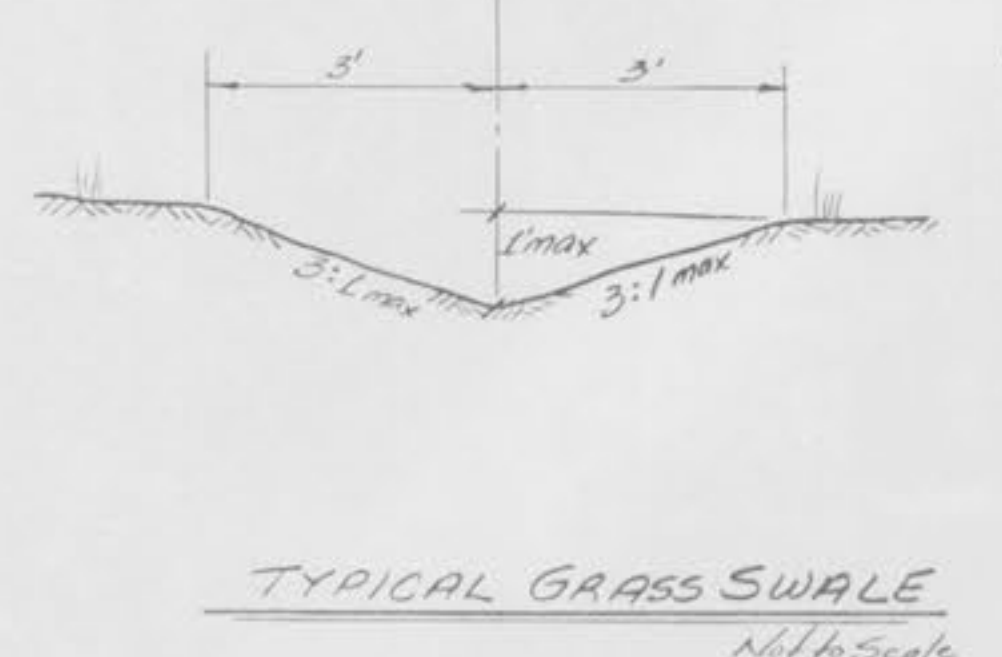
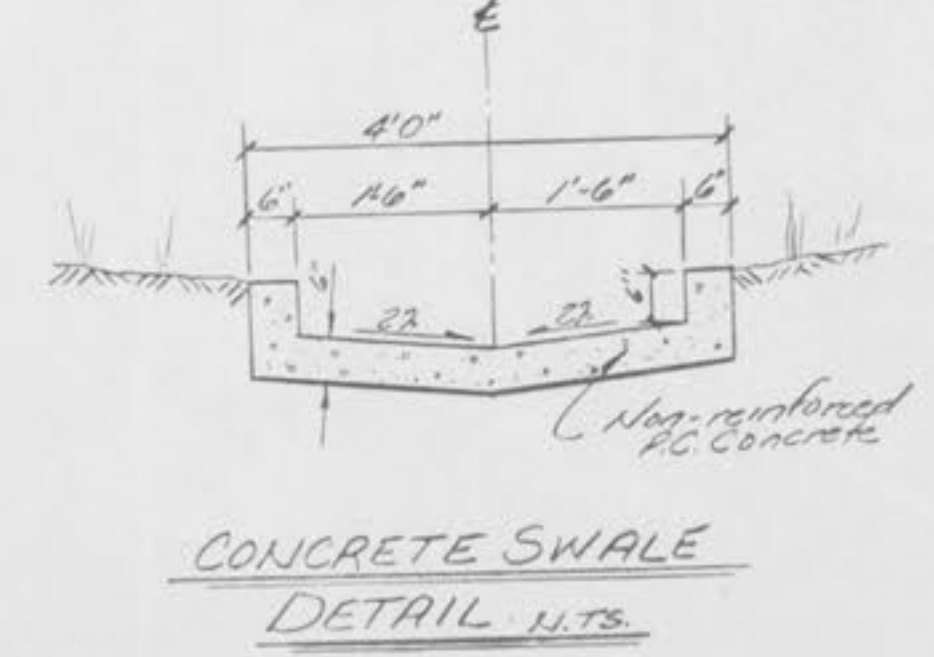
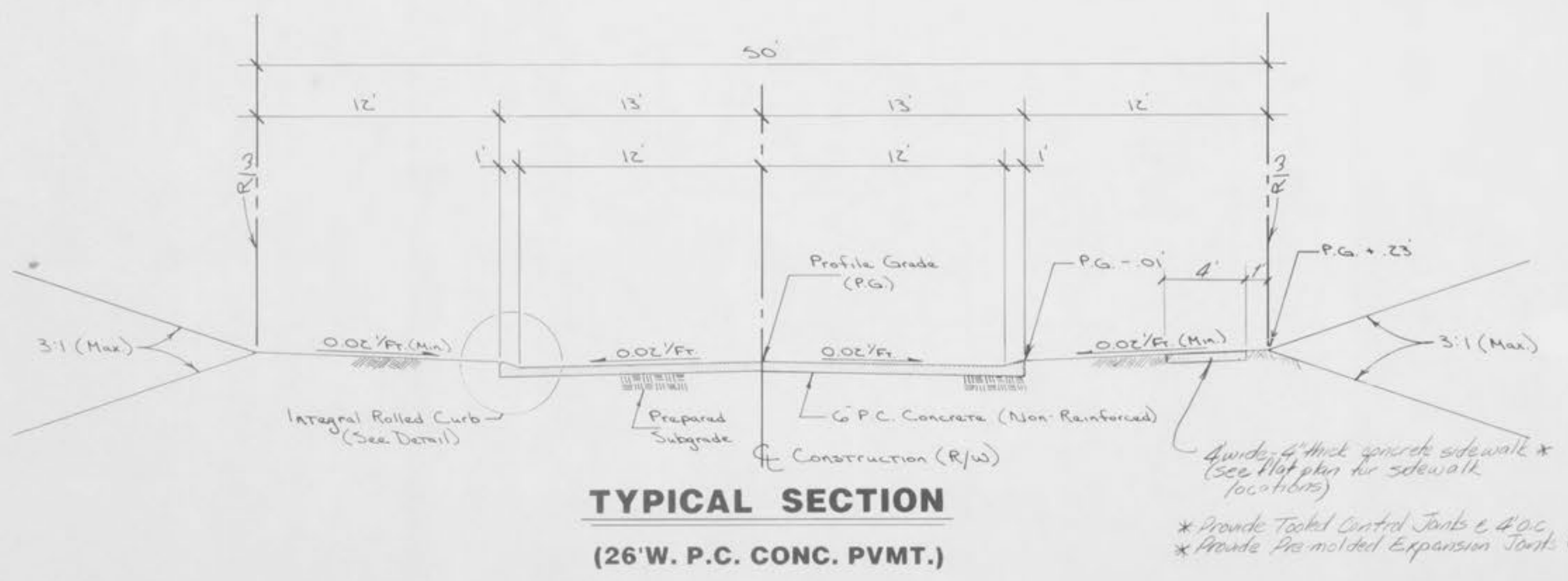


- GENERAL NOTES
- All catch basins shall be separate from the pavement and curb by expansion joint material extending completely through curb and abut Masonite castings within the pavement limits shall be boxed as shown in the "Sewer Construction Details".
  - When a joint falls with 5 ft. or of concrete basin, manholes, or other structures, shorten one or more panels either side of opening to permit joint to fall on road structure and at or between corners of rectangular structures.
  - Driveway configurations are shown in the "Entrance Construction Details".
  - Construction joint and dowel here may be omitted when curb is poured integral with pavement.
  - Minimum Thickness for Pavement is:
 

Local or Minor Streets	CONCRETE (T)
Major or Industrial Streets	6"
Arterial or Industrial Streets	8"

 Base material under pavement will be made with 4 inches of Rolled Stone Base.
  - For minor rural or urban and minor subdivision pavements (6" thick concrete), 1/2" x 3/4" deformed tie bars @ 30" x 30" ctr. shall be used for TYPE B longitudinal joints.
  - Refer to Exhibit 13A for joint and bar requirements for different street classifications. Note that width and location of each poured portion of the pavement may change the type and location of joint required.
  - Transverse or longitudinal construction joints in alley formed pavement may be made with groover or tool, if such device has been approved in advance by the St. Louis County Department of Highway & Traffic.
  - The locations of the Type B and Type F longitudinal construction joints in above sections may be interchanged for the different widths of construction if approval is obtained.



SWALE CALCULATIONS FOR MAX Q = 300 cfs

n = 0.025  
 R = 116.9'  
 WP = 3.91'  
 V = 2.63 fps.  
 D = 0.62'  
 S = 0.0114  
 Q = 303 cfs