

(10) Notes for 6" and 8" Concrete Driveway:

- 10.1) As indicated on the Plan & Profile view sheets, driveways will typically be 6" thick.
- 10.2) Aprons on selected sidestreets will be placed back as concrete, typically to fine-tune and maintain drainage in the southerly direction. Such aprons will be 8" thick and use the pay item for "8" Concrete Driveway".
- 10.3) As noted above in 9.3 and 9.4, six-inch sidewalk will utilize the pay item for "6" Concrete Driveway". Also, the special sidewalk platforms will be paid for under the pay item "6" Concrete Driveway".

(11) Notes for "Tactile Warning Device":

- 11.1) All tactile warning devices shall be wet-set into the fresh concrete. Retrofit tactile devices shall NOT be permitted on new wheelchair ramps.
- 11.2) The color shall be yellow.
- 11.3) Tactile warning devices are only required at sidewalk/street interfaces. They are not to be placed at driveways.

(12) Notes for "Stamped Concrete Finish":

- 12.1) Stamped concrete is to be used at selected areas, to wit:
- A narrow strip between sidewalk and curb, in lieu of putting in sod. As shown on the plan view sheets, general locations for this stamped concrete is between Knipe and Hert Sts. and between Kenworthy and Freeman/Kirk Sts. This strip is generally 2-ft wide, but will vary at special features such as luminaires and ramps.
  - Inside the special islands at the Thomas St. intersection.
  - As a contrast alongside selected wheelchair ramps.
- 12.2) The actual concrete itself for these stamped areas will be paid for under the applicable concrete item, such as 4" sidewalk. The stamped treatment will be paid for with the pay item for "stamped concrete finish".
- 12.3) The stamped pattern shall be "brick". The Contractor shall present brick patterns to the Engineer for selection and approval, prior to use.
- 12.4) The color is to be stained (i.e., placed on the fresh concrete surface, as opposed to being mixed into the concrete itself). The color used is to be same as used on the Western Rd project in Stillwater, to wit:

*Running Bond Color A, Fanciscan Red Color Hardener, Bomonite Color*

(13) Notes for "Anti-Skid Stair Nosing":

- 13.1) Where steps are incorporated into the platforms to reach designated doorways, said steps are to have an outdoor inset anti-skip safety nosing to provide a visual indication that there is a step down. Details of said nosing are provided on the plan sheet entitled, "Step Details For Ramp Platforms".
- 13.2) Said nosing shall be wet-set into the fresh concrete, with the top face level with the concrete, to avoid tripping.
- 13.3) Cheap alternatives (i.e., painted yellow lines) are NOT an acceptable substitute.

(14) Notes for "Inlet (SMD-Type 2A)" and "Inlet (SMD-Double-Type 1)":

- 14.1) Per the Plan & Profile sheets, a new drop inlet will be built at Sta. 146+60, RT, where a grated drop inlet is to be built at the inlet to structure #4, which is a 28"x20" CGMP. Structure #6, also a 28"x20" CGMP, is to enter the inlet.
- 14.1.1) The inlet flow let is "set", needing to be the existing inflow elevation to structure #4. Therefore, the inlet depth may need to be "special" so the grate will not be higher than the surrounding ground.
- 14.2) An existing grated inlet in front of the COOP (approx. Sta.149+70 LT) is to be reconstructed. Again, the depth will need to be "special" to conform with existing pavement and pipe elevations.
- 14.3) Both of the aforementioned drop inlets will use the pay item for "Inlet (SMD-Type 2A)", even though the COOP inlet will be custom-sized, with outlet pipe appearing to be 24" diameter. The new inlet at Sta. 146+60 RT has to accommodate a 28" pipe width, so a Type A size is needed to get the required width dimensions.
- 14.4) **IMPORTANT NOTE:** These drains will utilize the crosshatched "Type 1 Grate" as per ODOT Std. Dwg. SMD-3-1. There is not a pay item SMD-Type1A, so the pay item for SMD-Type 2A is being used. Because the culvert size being used is 28"x20", the "A" inlet dimensions are needed, but the Type 1 grate is needed for the safety of errant bicyclists.
- 14.4.1) The normal Type 1 grate dimensions are 3'-1.5" x 2'-11.875", but will need to be approx. 3'-6" x 3'-1.25" to fit Type 2 dimensions. The Contractor may either special-order these grates or may offer retrofit suggestions on how a Type 1 grate can be shop-modified to fit "A" drain dimensions.
- 14.4.2) Because 28"x20" (wxh) culvert is being used in/out of these drains, the following dimensions will be used (refer to the Type 2 SMD Inlet drawing on SMD-3-1):
- The horizontal SMD dimensions (out-to-out) will be those associated with a 30" pipe, to wit: 3'-7.75" x 4'-1".
  - The depth dimension (top-of-grate to bottom F/L) would be that associated with a 24" pipe, to wit: 3'-1.25".