

## Standard Drawings Index

NOTE: *The specifications for materials and workmanship shall conform to the latest edition or the "Standard Specifications for Public Works Construction" published by the North Central Texas Council of Governments.* All drawings and their numbers are from the NCTCOG Section II Standard Drawings (2004) unless otherwise noted at the end of the designated NCTCOG number with an M\* and the City of Melissa logo.

**CHECK THE LOWER RIGHT CORNER OF EACH DETAIL FOR THE LATEST REVISION.**

| <b>Division 1000</b> |  | <b>Erosion, Sediment and Water Pollution Control Methods</b>          |
|----------------------|--|---|
| 1010AM               |  | Straw Bale Dike   |
| 1010BM               |  | Straw Bale Dike General Notes   |
| 1020AM               |  | Erosion Control Bern  |
| 1020A                |  | Silt Fence  |
| 1020B                |  | Silt Fence General Notes  |
| 1030A                |  | Interceptor Swale   |
| 1030B                |  | Interceptor Swale General Notes                                       |
| 1040AM               |  | Ditch Protection  |
| 1040BM               |  | Channel Erosion Control   |
| 1050A                |  | Triangular Sediment Filter Dike                                       |
| 1050B                |  | Triangular Sediment Filter Dike General Notes                         |
| 1060A                |  | Rock Berm   |
| 1060B                |  | Rock Berm General Notes   |
| 1070A                |  | Stabilized Construction Entrance                                      |
| 1070B                |  | Stabilized Construction Entrance General Notes                        |
| 1080A                |  | Sand Bag Berm   |
| 1080B                |  | Sand Bag Berm General Notes   |
| 1090                 |  | Stone Outlet Sediment Trap  |
| 1100                 |  | Sediment Basin  |
| 1110                 |  | Pipe Slope Drain  |
| 1120M                |  | Inlet Protection Filter Barriers                                      |
| 1130                 |  | Inlet Protection - Drop Block and Gravel                              |
| 1140                 |  | Inlet Protection - Curb Block and Gravel                              |
| 1150                 |  | Inlet Protection Excavated Impoundment                                |
| 1160A                |  | Erosion Control Mattings  |
| 1160B                |  | Erosion Control Mattings General Notes                                |
| <b>Division 2000</b> |  | <b>Pavement and Surface Courses</b>                                   |
| 2005M                |  | Curb Return Templates   |
| 2010M                |  | Reinforced Concrete Pavement Six-Lane Divided Thoroughfare            |
| 2020M                |  | Reinforced Concrete Pavement Four-Lane Divided Thoroughfare           |
| 2030                 |  | Reinforced Concrete Pavement 2 & 4-Lane Undivided Thoroughfare        |
| 2035AM               |  | Intersection R.O.W. and Curb Return Details                           |
| 2035BM               |  | Intersection R.O.W. and Curb Return Details                           |
| 2035CM               |  | Intersection R.O.W. and Curb Return Details                           |
| 2040                 |  | Reinforced Concrete Pavement Alleys                                   |
| 2050                 |  | Reinforced Concrete Pavement Joints                                   |
| 2060                 |  | Reinforced Concrete Pavement Transverse Joint Spacing                 |
| 2070AM               |  | Concrete to Asphalt Pavement Connection                               |
| 2070                 |  | Reinforced Concrete Pavement Street Headers                           |
| 2080                 |  | Reinforced Concrete Pavement Bridge Approach Slab                     |
| 2090                 |  | Hot Mix Asphaltic Concrete Pavement 6-Lane Divided Thoroughfares      |
| 2100                 |  | Hot Mix Asphaltic Concrete Pavement 4-Lane Divided Thoroughfares      |
| 2110                 |  | Hot Mix Asphaltic Concrete Pavement 2 & 4-Lane Undivided Thoroughfare |
| 2120M                |  | Concrete Curb and Gutter Integral, Separate and Doweled               |

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|--------|---|
| 2130M  | Median Island Pavement Nose and Left Turn Lane                |
| 2140   | Median Island Pavement Monolithic Concrete Nose               |
| 2150A  | Driveway Approach Flared Return Type                          |
| 2150B  | Driveway Approach Flared Return Type                          |
| 2150CM | Horizontal Curb Cut Detail                                    |
| 2160   | Alley Approach Radius Return Type                             |
| 2170M  | Reinforced Concrete Sidewalks - Joints and Spacing            |
| 2171AM | Pedestrian Facilities Curb Ramps                              |
| 2171BM | Pedestrian Facilities Curb Ramps                              |
| 2171CM | Pedestrian Facilities Curb Ramps                              |
| 2171DM | Pedestrian Facilities Curb Ramps                              |
| 2180M  | Reinforced Concrete Retaining Wall Integral with Sidewalk     |
| 2190M  | Pavement Systems - General Notes                              |
| 2200   | Sub-drains - Pavement Sub-grade                               |
| 2210   | Alley Geometrics - Type "A" and Type "B"                      |
| 2220   | Alley Geometrics - Type "C" and Type "D"                      |
| 2230   | Alley Geometrics - Type "E" and Type "F"                      |
| 2240   | Alley Geometrics - Type "G" and Type "H"                      |
| 2250   | Alley Geometrics - Type "J"                                   |
| 2260   | Alley Intersection Proposed to Existing                       |
| 2270A  | Metal Beam Guardrail Roadside Placement & Beam Elements       |
| 2270B  | Metal Beam Guardrail Line Post and Connections                |
| 2270C  | Metal Beam Guardrail End Section & Angle Anchor Post          |
| 2270D  | Metal Beam Guardrail Special End Shoe & Anchor Post           |
| 2270E  | Metal Beam Guardrail General Notes                            |
| 2280A  | Metal Beam Guardrail Two-way Traffic Bridge End               |
| 2280B  | Metal Beam Guardrail Two-way Traffic Bridge End General Notes |
| 2290   | Metal Beam Barricade End of Road                              |
| 2300AM | Residential Street Signage                                    |
| 2300BM | Residential Light Post Street Signage                         |
| 2300CM | Residential Light Post Street Signage                         |
| 2300DM | Residential Light Post Street Signage                         |
| 2310M  | Stamped / Colored Concrete Intersection                       |

| <b>Division 3000</b> | <b>Embedment, Pavement Cuts and Infiltration Protection</b> |
|----------------------|---|
| 3010AM               | Storm Sewer Pipe Bedding                                    |
| 3010                 | Embedment Class "A" & "A-1"                                 |
| 3020                 | Embedment Class "B" "B+" & "B-1"                            |
| 3030                 | Embedment Class "B-2" "B-3" & "B-4"                         |
| 3040                 | Embedment Class "C" "C+" & "C-1"                            |
| 3050                 | Embedment Class "D+" & "G"                                  |
| 3060                 | Embedment Class "G-1" & "H"                                 |
| 3061M                | Class H Embedment   |
| 3070M                | Pavement Cuts Removal & Replacement                         |
| 3080                 | Infiltration Protection Conduit Under Channel               |
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| <b>Thrust Blocks, Gate Valva, Vault Construction, Air Release Valve, Flush Point Installation, Fire Hydrant Installation Water Service Installation, Meter Installation, and Large Service Meter Installation</b> |   |
|---|---|
| <b>Division 4000</b>  |   |
| 4001M   | General Construction Water Notes                        |
| 4002AM  | Water Pipeline Testing and Disinfection                 |
| 4002BM  | Water Pipeline Testing and Disinfection                 |
| 4002CM  | Water Pipeline Testing and Disinfection                 |
| 4002DM  | Water Pipeline Testing and Disinfection                 |
| 4005M   | Standard Water & Wastewater Locations                   |
| 4010A   | Horizontal Thrust Block at Pipe Bend                    |
| 4010B   | Horizontal Thrust Block at Pipe Bend                    |
| 4010C   | Horizontal Thrust Block at Pipe Bend                    |
| 4020  | Horizontal Thrust Block at Tees and Plugs               |
| 4030  | Vertical Thrust Block at Pipe Bend                      |
| 4040  | Thrust Block General Notes                              |
| 4050M   | Gate Valve 4" to 12" Box and Extention Stem             |
| 4051M   | Debris Cap Installation                                 |
| 4055M   | Butterfly Valve ≥ 16" Box and Extension Stem            |
| 4060A   | Vault Construction Horizontal Gate Value 16" and Larger |
| 4060B   | Vault Construction Horizontal Gate Value 16" and Larger |
| 4070A   | Vault Construction Vertical Gate Value 16" and Larger   |
| 4070B   | Vault Construction Vertical Gate Value 16" and Larger   |
| 4080A   | Vault Construction Butterfly Valve 48" and Larger       |
| 4080B   | Vault Construction Butterfly Valve 48" and Larger       |
| 4090M   | Air Release Valve Type "1"                              |
| 4100A   | Air Release Valve Type "2"                              |
| 4100B   | Air Release Valve Type "2"                              |
| 4110M   | Flush Point Installation                                |
| 4111M   | Auto-Flush Valve  |
| 4120AM  | Fire Hydrant Installation (One Pumper Nozzle)           |
| 4120BM  | Fire Hydrant Installation (Two Pumper Nozzles)          |
| 4120CM  | Fire Hydrant Installation (Two Pumper Nozzles)          |
| 4120DM  | Typical Fire Hydrant Location for Subdivision Blocks    |
| 4125M   | Remote FDC with Bollards                                |
| 4130AM  | Water Service Installation 1" Line                      |
| 4130BM  | Water Service Installation 1" Line                      |
| 4140AM  | Water Service Installation 1 1/2" or 2" Line            |
| 4140BM  | Water Service Installation 1 1/2" or 2" Line            |
| 4141M   | Water Meter Box Detail                                  |
| 4142M   | Water Meter Box Detail Non-Traffic                      |
| 4150M   | 4" Combined Service with 4" Meter                       |
| 4160  | 8" Detector Check Service with 8" Meter                 |
| 4170  | 8" Fire Line Standpipe Service with 8" Meter            |
| 4180  | 4" Domestic Service With 3" Meter                       |
| 4190A   | Large Service Meter Vault Installation                  |
| 4190B   | Large Service Meter Precast Vault                       |
| 4200M   | Standard Water Main Lowering                            |
| 4201M   | Water Main Lowering at Creek Crossing                   |
| 4210M   | Sampling Station  |
| 4220M   | Water Line Blow Off Valve                               |
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| <b>Division 5000</b> | <b>Waste/Water System Drawings</b>   |
|----------------------|--|
| 5001M                | General Construction Wastewater Notes  |
| 5002M                | Wastewater Marker Sign   |
| 5003M                | Television Tape Report Specification   |
| 5010                 | Wastewater Main Tie-in at Cleanout or M.H. Stub out                                    |
| 5020M                | Wastewater Manhole Precast   |
| 5030M                | Wastewater Manhole Cast-in-Place   |
| 5040M                | Wastewater Manhole Fiberglass - <b>(Not Allowed)</b>                                   |
| 5050M                | Wastewater Manhole Pressure - Type   |
| 5060M                | Wastewater Manhole Vented  |
| 5080                 | Wastewater Manhole Inside Drop Connection  |
| 5085AM               | Wastewater Manhole Ring and Cover  |
| 5085BM               | Wastewater Manhole Ring and Cover Water Tight  |
| 5090                 | Wastewater Manhole Line Intersection   |
| 5100                 | Wastewater Manhole False Bottom  |
| 5110M                | Wastewater Main Cleanout   |
| 5120M                | Wastewater Laterals with and without Cleanout  |
| 5121M                | Stacked Deep Cut Laterals  |
| 5130                 | Wastewater Lateral Connections in Earth and Rock                                       |
| 5140                 | Wastewater Lateral Cleanout Frame and Cover  |
| 5150                 | Wastewater Lateral Stubout in Advance of Paving  |
| 5160                 | Wastewater Lateral Replacement in Advance of Paving                                    |
| 5170                 | Abandonment of Manhole In or Out of Pavement   |
| <b>Division 6000</b> | <b>Stormwater Manhole, Curb Inlet, Drop Inlet, Full Channel Lining, Concrete Apron</b> |
| 6001M                | Television Tape Report Specification   |
| 6010AM               | Stormwater Manhole 4', 5', or 6' Square  |
| 6010B                | Stormwater Manhole 4', 5', or 6' Square  |
| 6011M                | Stormwater Manhole Ring & Cover  |
| 6012AM               | Stormwater Baffled Manhole 6' Square(Two Baffles)                                      |
| 6012BM               | Stormwater Baffled Manhole 6' Square(Two Baffles)                                      |
| 6012CM               | Stormwater Baffled Manhole 6' Square(One Baffle)                                       |
| 6012DM               | Stormwater Baffled Manhole 6' Square(One Baffle)                                       |
| 6020A                | Curb Inlet 5', 10', 15', or 20' Opening  |
| 6020B                | Curb Inlet Cross Section and inlet Throat  |
| 6020CM               | Curb Inlet Rebar and M.H. Frame and Cover  |
| 6020D                | Curb Inlet Bill of Reinforcing Steel   |
| 6020E                | Curb Inlet Summary of Quantities   |
| 6030A                | Curb Inlet Recessed 5', 10', 15' or 20' Opening  |
| 6030B                | Curb Inlet Recessed Cross Section and Center Beam                                      |
| 6030CM               | Curb Inlet Recessed Inlet Throat and M.H. Frame and Cover                              |
| 6030D                | Curb Inlet Recessed General Notes  |
| 6040                 | Drop Inlet 2', 4', 5' or 6' Square   |
| 6050                 | Full Channel Lining Concrete Reinforced  |
| 6060                 | Concrete Apron Vertical Headwall   |
| 6070                 | Concrete Apron Sloping Headwall  |
| 6070AM               | Sloped End Headwall  |
| 6080M                | Concrete Collar for Pipe Connections   |

| <b>Division 7000</b> | <b><u>Miscellaneous Details</u></b>  |
|----------------------|--------------------------------------|
| 7001M                | General Construction Notes           |
| 7001.5M              | General Construction Notes Continued |
| 7002M                | Signature Block                      |
| 7003M                | Monuments and Markers                |
| 7004M                | Sign Post Detail                     |
| 7005M                | As-Built Signature Block             |
| 7006M                | Zoning Requirements                  |
| 7007M                | Landscaping Requirements             |
| 7008M                | Pave Stone Details                   |
| 7009M                | Screening Wall                       |
|                      | Embedment Class "G" & "G-1"          |
|                      | Fish Lid Inlet                       |
|                      | Fish Lid Manhole                     |
| TXDOT PED-12A        | Sidewalk Details                     |