

INDEX

All improvements to public infrastructure shall be in accordance with the following standard details. The standard details section is one of three sections that make up the City's Design and Construction Manual. This manual was adopted to regulate the construction of public infrastructure improvements within the City, including the design and construction of water lines, sanitary sewers, storm sewers and streets. The City's Design and Construction Manual is available online at <http://www.belton.org/index.aspx?nid=423>.

These details may require revisions, and therefore it is recommended that this index sheet be consulted frequently. The user should verify that all documents previously provided or downloaded from the Design and Construction Manual web page are current before relying on them.

Standard details have been updated on March 16, 2015. If you have any questions concerning the Design and Construction Manual, contact the Public Works Department at (816) 331-4331.

	SHEET#	DETAIL NAME
<u>EROSION</u>		
	ERO-001	Erosion Control General Notes
	ERO-002	Temporary Construction Entrance
	ERO-003	Temporary Sediment Basin (Cross Section)
	ERO-004	Temporary Sediment Basin
	ERO-005	Temporary Sediment Trap
	ERO-006	Silt Fence
	ERO-007	Ditch Check
	ERO-008	Curb Inlet Sediment Filter
	ERO-009	Area Inlet Protection
	ERO-010	Foam Dike
	ERO-011	Compost or Wood Mulch Berm
	ERO-012	Erosion Control Blanket - A
	ERO-013	Erosion Control Blanket – B
<u>SANITARY</u>		
	SAN-001	Precast Sanitary Manhole
	SAN-002	Sanitary Manhole (Type 1)
	SAN-003	Drop Sanitary Manhole
	SAN-004	Shallow Sanitary Manhole
	SAN-005	Shallow Manhole Top Slab
	SAN-006	Manhole Abandonment
	SAN-007	Sanitary Sewer Ring & Lid
	SAN-008	Sanitary Sewer Service
	SAN-009	Sanitary Service Line Demolition
	SAN-010	Air & Vacuum Valve Assembly
	SAN-011	Trench Backfill & Embedment Under Pavement
	SAN-012	Trench Backfill & Embedment Under Non-Paved Areas
	SAN-013	Sanitary Boot Detail
	SAN-014	Concrete Collar
	SAN-015	Concrete Thrust Collar

STORM

STM-001	Curb Inlets
STM-002	Area Inlets
STM-003	Junction Boxes
STM-004	Precast Manholes
STM-005	Manhole Casting
STM-006	Trench Backfill & Embedment Under Pavement
STM-007	Trench Backfill & Embedment Under Non-Paved Areas
STM-008	Concrete Collar
STM-009	Underdrains with Aggregate Base Course
STM-010	End Section Toe wall

STREET

STR-001	Typical Section - Major Arterial
STR-002	Typical Section - Minor Arterial
STR-003	Typical Section - Commercial
STR-004	Typical Section - Residential
STR-005	Thoroughfare Median Nose
STR-006	Unimproved Thoroughfare Grading
STR-007	Street Cut Repair
STR-008	Pavement Joint Locations
STR-009	Pavement Joint Details
STR-010	Curb Details
STR-011	Curb Expansion Joints
STR-012	Typical Sidewalk
STR-013	Sidewalk Ramps
STR-014	Integral Sidewalk & Retaining Wall
STR-015	Off-Street Parking
STR-016	Commercial Approach
STR-017	Residential Approach
STR-018	Utility Locations

TRAFFIC

TRF-001	Summary of Quantities - A
TRF-002	Summary of Quantities - B
TRF-003	Quantities & Wiring
TRF-004	Wiring Details & Timing
TRF-005	Concrete Footing Pad Power Service
TRF-006	Traffic Signal Foundation
TRF-007	Traffic Signal Structures
TRF-008	Poles Signal Head Push Button
TRF-009	Signs for Traffic Signals
TRF-010	Camera Opticom & Sign Mounting
TRF-011	Sign Post Installation

WATER

WAT-001	Fire Hydrant Assembly
WAT-002	Valve Box
WAT-003	Value Box Ring & Lid
WAT-004	Water Main Tracer Wire
WAT-005	Straddle Block
WAT-006	Air Relief/Combination Vault - Unpaved
WAT-007	Air Relief/Combination Vault - Paved
WAT-008	Service Meter Well Disconnection
WAT-009	Thrust Blocks
WAT-010	Trench Backfill & Embedment Under Pavement
WAT-011	Trench Backfill & Embedment Under Non-Paved Areas
WAT-012	Excavation
WAT-013	Typical Waterline Lowering
WAT-014	3/4" & 1" Service Notes
WAT-015	3/4" & 1" Service Pit Assembly & Lid
WAT-016	3/4" & 1" Backflow Preventer
WAT-017	1- 1/2" & 2" Service Notes
WAT-018	1- 1/2" & 2" Service Pit Assembly
WAT-019	1-1/2" & 2" Service Pit Lid – Unpaved
WAT-020	1-1/2" & 2" Service Pit Lid - Paved
WAT-021	1- 1/2" & 2" Backflow Preventer
WAT-022	3", 4" & 6" Service Notes
WAT-023	3", 4" & 6" Service Vault Assembly
WAT-024	3", 4" & 6" Service Vault Lid
WAT-025	3", 4" & 6" Backflow Preventer
WAT-026	Standard Blow-off Assembly
WAT-027	Valve Cluster – Connection to Existing Line

MISCELLANEOUS

MIS-001	Metal Handrails
MIS-002	Tree Preservation
MIS-003	End of Roadway Barricade