



# Town of Holly Springs

## Town Council Meeting Agenda Form

Town Clerk's Office Use:

**Agenda Item #:** 9c

**Attachment #:** 9c

**Meeting Date:** Aug. 7, 2018

**Agenda Placement:** Consent Agenda

(Special Recognitions (awards, proclamations), Requests & Communications (reports, information presentations), Public Hearings, Consent Agenda, Unfinished Business, New Business, Closed Session or Agenda Addition)

**Subject Title:** Engineering Design & Construction Standards Supplement #3

**Presenter Name(s):** none

### SUBJECT HIGHLIGHTS:

The attachment is a summary of the updates for Supplement #3 to the Engineering Design and Construction Standards.

### Advisory board recommendation, if applicable:

n/a

### Staff recommendation, if applicable:

n/a

**Total Number of Motions:** 1

### Action(s) requested or suggested motion(s):

Motion to approve Supplement #3 updates to the Engineering Design and Construction Standards.

### Funds, if applicable, are to be appropriated from account(s) / line item(s):

n/a

### SUBJECT IN GREATER DETAIL, IF NEEDED:

n/a

### Staff Review

Are there exhibits for this agenda item? **yes**

List them in order they should appear in packet: **summary**

Department head initials and comments, if applicable: [ ]

Finance director initials and comments, if applicable: [ ]

Town attorney initials and comments, if applicable: [ ]

Town manager initials and / or comments: **dw by jp**

Town clerk initials: **jp**

**Engineering Construction and Design Standards  
Supplement # 3 Log - August 7, 2018**

Section	Sub-Section	Name	Description
0.00	-	Design Certification Requirements	Add survey grade data requirement to certification
2.12	-	Retaining Walls	Geogrid not allowed in public easements or ROW
3.02	-	Streets, Driveways, and Parking Lots - Design	Clarification that TIA may be required as early as rezoning petition submittal.
3.02	A	Streets Classifications for Town Specifications	Non-residential 3-Lane Collector Street: Add typical cross-section 41 feet on 65-foot right of way.
3.02	H	Parking Lots / Off Street Parking	Minimum pavement structure changed to 3 inches of S9.5B asphalt for multi-family and non-residential developments.
6.01	B	Water Distribution Pipe Material	Add requirement for steel encasement of utilities in controlled access highways.
6.02	A	Fire Hydrants, Location	- Add reference to specific detail (HS613). - Add reference to Office of the Fire Marshall. - Update spacing requirements on thoroughfares and collectors.
6.02	B	Fire Hydrants, Specifications	- Add requirement of Storz connection. - Change color requirement. - Require working pressure.
6.02	C	Fire Hydrants, Installation	Require 5 inch Storz cap.
6.02	D	Fire Hydrants, Relocation	Add specifications for relocation of existing fire hydrants.
6.05	-	Clearance Between Water Mains, Sanitary and Storm Sewers	Clarification of minimum vertical separation for water and storm sewer mains.
6.07	B	Automatic Fire Sprinkler Systems Design	Clarification of design and compliance requirements for sprinkler systems.
6.07	C	Automatic Fire Sprinkler Systems Post Indicator Valve	Clarification of requirements for Post Indicator Valve (PIV).
6.07	D	Automatic Fire Sprinkler Systems Backflow Prevention	Clarification on RPZ type backflow requirements.
6.07	E	Automatic Fire Sprinkler Systems Fire Department Connection	Clarification on Fire Department Connection (FDC) requirements.
6.07	F	Automatic Fire Sprinkler Systems Dedicated Riser Room	Update Dedicated Riser Room floor drain requirements.
6.07	G	Automatic Fire Sprinkler Systems Access	Clarification of access requirements.
7.01	A. Location	Gravity Sewer Mains Design, Location	Change to swimming pool discharge.
7.01	A. Size	Gravity Sewer Mains Design, Size	Clarification of sewer capacity study requirements.
7.01	B	Gravity Sewer Mains Materials	Add requirement for steel encasement of utilities in controlled access highways.
7.05	-	Sanitary Sewer Testing and Inspection	Clarification of camera testing requirement.
7.07	E	Wastewater Pump Stations, Wet Well	Clarification of required mil thickness of wet well coating.
7.07	N	Submersible Wastewater Pump Stations	Clarification on pump lift chains.
11.01	B	Reclaimed Water Distribution Pipe Materials	Add requirement for steel encasement of utilities in controlled access highways.

**Revised DETAILS**

HS339	8FT Raised Boardwalk / Greenway Trail
HS340	10' Asphalt Greenway Trail
HS607	Standard Steel Encasement for Stream Crossing
HS608	Water Bore + Jack Detail
HS615	Standard 3/4" Water Service
HS616	Standard 1-1/2" and 2" Meter Installation and Vault
HS622	Standard Hydrant Installation
HS727	Standard Combination Air Valve Manhole, For Sewer FM, Type 2
HS724	Standard Steel Encasement for Stream Crossing
HS816	Standard Root Guard Installation