

## SUDAS Revision Submittal Form

**Status Date:** As of 5/7/2021      **Topic:** Alternate fire hydrant assembly  
**Manual:** Specifications      **Manual Location:** Section 5020, 1.08, D (& E-K); 3.03  
Figure 5020.201

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### Requested Revision:

#### 1.08 MEASUREMENT AND PAYMENT

##### C. Fire Hydrant Assembly:

1. **Measurement:** Each fire hydrant assembly will be counted.
2. **Payment:** Payment will be at the unit price for each fire hydrant assembly.
3. **Includes:** Unit price includes, but is not limited to, the fire hydrant, barrel extensions sufficient to achieve proper bury depth of anchoring pipe and height of fire hydrant above finished grade, and components to connect the fire hydrant to the water main, including anchoring pipe, fittings, thrust blocks, pea gravel or porous backfill material, and fire hydrant gate valve and appurtenances, except tapping valve assembly if used.

##### D. Alternate Fire Hydrant Assembly:

1. **Measurement:** Each alternate fire hydrant assembly will be counted.
2. **Payment:** Payment will be at the unit price for each alternate fire hydrant assembly.
3. **Includes:** Unit price includes, but is not limited to, the fire hydrant, barrel extensions sufficient to achieve proper bury depth of anchoring pipe and height of fire hydrant above finished grade, and components to connect the fire hydrant to the water main, including anchoring pipes, 90 degree bend; fittings, thrust blocks, pea gravel or porous backfill material, and fire hydrant gate valve and appurtenances, except tapping valve assembly if used.

*Renumber the bid items that follow.*

#### 3.03 FIRE HYDRANT

- A. Install according to [Figure 5020.201](#). Ensure a 3 foot clear space around the circumference of the fire hydrant. Place anchor tee and hydrant in the locations specified in the contract documents.
- B. If the fire hydrant valve is positioned adjacent to the water main, attach it to an anchor tee.
- C. If the fire hydrant valve is positioned away from the water main, restrain all joints between the valve and water main.
- D. Fire Hydrant Depth Setting:
  1. Use adjacent finished grade to determine setting depth.

- 2. Set bottom of breakaway flange between 2 and 5 inches above finished grade.
  - 3. If finished grade is not to be completed during the current project, consult with the Engineer for proper setting depth.
- E. Coordinate installation with tracer wire installation.
- F. Orient fire hydrant nozzles parallel with or at right angles to the curb, with the pumper nozzle facing the curb. Set hydrants having two hose nozzles 90 degrees apart with each nozzle facing the curb at an angle of 45 degrees or as directed by the Engineer.

**Reason for Revision:** Added bid item for Alternate Fire Hydrant Assembly to reflect addition pipe and fittings.

**Comments:** None.

<b>District:</b>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<b>Comments:</b>	None.					
<b>Action:</b>	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	
<b>District:</b>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<b>Comments:</b>	None.					
<b>Action:</b>	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	
<b>District:</b>	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<b>Comments:</b>	None.					
<b>Action:</b>	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	
<b>District:</b>	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<b>Comments:</b>	None.					
<b>Action:</b>	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	
<b>District:</b>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input checked="" type="checkbox"/> 5	<input type="checkbox"/> 6
<b>Comments:</b>	None.					
<b>Action:</b>	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	
<b>District:</b>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input checked="" type="checkbox"/> 6
<b>Comments:</b>	Add a general note that the length of the anchoring pipe should be identified. <i>Note - added to 3.03 above and to Figure 5020.201.</i>					
<b>Action:</b>	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	

**Final District Action Summary:** All 6 districts approved; see comments above.

**Board of Directors Action:** Approved.