

UTILITY TRENCH SECTION RIPRAP REPLACEMENT

NO SCALE

NOTES:

- 1. USE DURABLE, NATURAL STONES BETWEEN 10 AND 250 POUNDS WITH A MINIMUM OF 50% OF STONES HEAVIER THAN 50 POUNDS. USE STONES THAT ARE AT LEAST 3 INCHES IN THEIR LEAST DIMENSION AND ARE AT LEAST TWICE AS WIDE AS THEY ARE THICK. STONES SHALL BE FROM A SOURCE APPROVED BY THE CITY ENGINEER.
- 2. PLACE STONES IN LAYERS WITH CLOSE JOINTS SUCH THAT MOST OF THEIR WEIGHT IS CARRIED BY THE EARTH AND NOT BY ADJACENT STONES. PLACE EACH COURSE FROM THE BOTTOM OF THE EMBANKMENT UPWARD WITH THE LARGER STONES IN THE LOWER COURSES.
- 3. FILL OPEN JOINTS BETWEEN STONES WITH SMALLER STONES OR SPALLS. DO NOT EXCEED 6-INCHES IN VARIATION BETWEEN TOPS OF ADJACENT STONES. REPLACE, EMBED DEEPER, OR CHIP AWAY STONES THAT PROJECT MORE THAN THE ALLOWABLE AMOUNT ABOVE THE FINISHED SURFACE.
- 4. PREVENT EARTH, SAND, OR FOREIGN MATERIAL FROM FILLING SPACES BETWEEN STONES. AFTER PLACEMENT, WET STONES THOROUGHLY, FILL THE SPACES BETWEEN THE STONES WITH GROUT, AND PACK. SWEEP THE SURFACE OF THE RIPRAP WITH A STIFF BROOM AFTER GROUTING.
- 5. USE TXDOT CLASS B CONCRETE WITH A CONSISTENCY THAT WILL FLOW INTO AND FILL ALL VOIDS.

ADDENDUM NO. 1

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FOR

CITY OF SAN ANGELO, TEXAS 2017 SULPHUR DRAW WASTEWATER IMPROVEMENTS PROJECT

16-6683 09/26/2016

