

The City of San Angelo
College Hills Blvd. – Loop 306 to Valleyview
Specification Summary

The following specification number and title shall be applied to each of the bid items. The latest edition of the City of San Angelo Standard Specification shall be referenced as COSA. The Texas Department of Transportation Standard Specification for Construction and Maintenance of Highways, Streets, and Bridges (2014) shall be referenced as TXDOT. See the TXDOT Standard Specifications at the following link: <ftp://ftp.dot.state.tx.us/pub/txdot-info/des/spec-book-1114.pdf>.

Bid Item No. 1 - MOBILIZATION & START UP (5% CONSTRUCTION COST): The provisions of TXDOT Item 500 – MOBILIZATION shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by lump sum and calculated as five percent (5%) of the base bid.

Bid Item No. 2 - REMOVE ASPHALTIC CONCRETE PAVEMENT: The provisions of TXDOT Item 105 - REMOVING TREATED AND UNTREATED BASE AND ASPHALT PAVEMENT shall apply in accordance with the details as shown on the plan set and clarified as follows.

The removal of the asphaltic pavement shall be executed with minimal disturbance to the base layer. The remaining base layer will be reworked for Bid Item No. 3 – Reworking Base Material (Type B) according to COSA Item 251 – Reworking Base Material.

Payment shall be measured by the square yard.

Bid Item No. 3 - REWORKING BASE MATERIAL (TYPE B): The provisions of COSA Item 251 - REWORKING BASE MATERIAL shall apply in accordance with the details as shown on the plan set and clarified as follows.

Reworking base material shall consist of Type B work including Scarifying, Salvaging and Stockpiling.

Payment shall be measured by the square yard (Class 2 Method).

Bid Item No. 4 - 4-INCH TYPE B HMAC BASE: The provisions of COSA Item 340 - HOT MIX ASPHALTIC CONCRETE PAVEMENT shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the square yard.

Bid Item No. 5 - 2-INCH TYPE D HMAC SURFACE: The provisions of COSA Item 340 - HOT MIX ASPHALTIC CONCRETE PAVEMENT shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the square yard.

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Bid Item No. 6 - ASPHALT PRIME COAT (MC-30): The provision of COSA Item 310 – ASPHALT PRIME COAT shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the gallon.

Bid Item No. 7 - REFL PAV MRK TY I (WHITE) 4" (BRK) (100 MIL): The provision of COSA Item 900 – REFLECTORIZED PAVEMENT MARKINGS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

Bid Item No. 8 - REFL PAV MRK TY I (YELLOW) 4" (SOLID) (100 MIL): The provision of COSA Item 900 – REFLECTORIZED PAVEMENT MARKINGS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

Bid Item No. 9 - REFL PAV MRK TY II-C-R: The provision of TXDOT Item 672 – RAISED PAVEMENT MARKERS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by each.

Bid Item No. 10 - REFL PAV MRK TY II-A-A: The provision of TXDOT Item 672 – RAISED PAVEMENT MARKERS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by each.

Bid Item No. 11 - REFL PAV MRK TY I (WHITE) (100 MIL) DBL ARROW: The provision of COSA Item 900 – REFLECTORIZED PAVEMENT MARKINGS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by each.

Bid Item No. 12 - REFL PAV MRK TY I (WHITE) (100 MIL) BIKE SYMBOL: The provision of COSA Item 900 – REFLECTORIZED PAVEMENT MARKINGS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by each.

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Bid Item No. 13 - STORM WATER POLLUTION PREVENTION PLAN: The provision of TXDOT Item 506 - TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the month based on a percentage complete of the overall contract.

Bid Item No. 14 - EROSION CONTROL LOGS: The provision of TXDOT Item 506 - TEMPORARY EROSION, SEDIMENTATION, AND ENVIRONMENTAL CONTROLS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

Bid Item No. 15 - ADJUST WATER VALVE BOX: The provision of TXDOT Item 479 - ADJUSTING MANHOLES AND INLETS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by each.

Bid Item No. 16 - ADJUST MANHOLE: The provision of TXDOT Item 479 - ADJUSTING MANHOLES AND INLETS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by each.

Bid Item No. 17 - ADJUST CLEANOUT: The provision of TXDOT Item 479 - ADJUSTING MANHOLES AND INLETS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by each.

Bid Item No. 18 - TRAFFIC CONTROL: The provision of TXDOT Item 502 - BARRICADES, SIGNS, AND TRAFFIC HANDLING shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the month based on a percentage complete of the overall contract.

Bid Item No. 19 - REMOVE CONCRETE (RIPRAP): The provisions of TXDOT Item 104 - REMOVING CONCRETE shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the square yard.

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Bid Item No. 20 – REMOVE CONCRETE (CURB AND GUTTER): The provisions of TXDOT Item 104 - REMOVING CONCRETE shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

Bid Item No. 21 - REMOVE ASPHALTIC CONCRETE PAVEMENT: The provisions of TXDOT Item 105 - REMOVING TREATED AND UNTREATED BASE AND ASPHALT PAVEMENT shall apply in accordance with the details as shown on the plan set and clarified as follows.

The removal of the asphaltic pavement shall be executed with minimal disturbance to the base layer.

Payment shall be measured by the square yard.

Bid Item No. 22 - REMOVE CONCRETE VALLEY GUTTER: The provisions of TXDOT Item 104 - REMOVING CONCRETE shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

Bid Item No. 23 - REMOVE SIDEWALK PAVING: The provisions of TXDOT Item 104 - REMOVING CONCRETE shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the square yard.

Bid Item No. 24 – ASPHALT PAVEMENT REPAIR: The provisions of COSA Item 340 - HOT MIX ASPHALTIC CONCRETE PAVEMENT shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the square yard.

Bid Item No. 25 - CONCRETE VALLEY GUTTER REPAIR: The provisions of COSA Item 420 - CONCRETE STRUCTURES shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

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Bid Item No. 26 - HEADER CURB: The provisions of COSA Item 529 - CONCRETE CURB, GUTTER, AND COMBINED CURB AND GUTTER shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

Bid Item No. 27 - CONC CURB & GUTTER: The provisions of COSA Item 529 - CONCRETE CURB, GUTTER, AND COMBINED CURB AND GUTTER shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

Bid Item No. 28 - PIPE (PVC) (SCH 40) (8 IN): The provisions of TXDOT Item 481 - PIPE FOR DRAINS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

Bid Item No. 29 - PIPE UNDERDRAINS (TY 8) (6 IN): The provisions of TXDOT Item 556 - PIPE UNDERDRAINS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the linear foot.

Bid Item No. 30 - PIPE UNDERDRAINS (TY 8) (8 IN): The provisions of TXDOT Item 556 - PIPE UNDERDRAINS shall apply in accordance with the details as shown on the plan set and clarified as follows.

8-inch diameter perforated pipe shall be used as the trunk lines.

Payment shall be measured by the linear foot.

Bid Item No. 31 - RIPRAP (CONC) (5 IN): The provisions of TXDOT Item 432 – RIPRAP shall apply in accordance with the details as shown on the plan set and clarified as follows.

Concrete riprap Type RR8 at 5-inch thickness shall be constructed according to the TXDOT CRR detail.

Payment shall be measured by the cubic yard.

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Bid Item No. 32 - CONCRETE HEADWALL WITH 8 IN AUTOMATIC GATE: The provisions of TXDOT 466 - HEADWALL AND WINGWALLS shall apply in accordance with the details as shown on the plan set and clarified as follows.

The concrete headwall shall be constructed according to the TXDOT CH-FW-0 detail with the necessary modified dimensions to accommodate an 8-inch storm pipe as shown in the plans.

A Neenah R-5050-SF8 Automatic Drainage Gate or approved equal shall be installed on to the concrete headwall according to the plan details. The gate is incidental to the headwall.

Payment shall be measured by each.

Bid Item No. 33 - CLEAN-OUTS: The provisions of TXDOT Item 556 - PIPE UNDERDRAINS shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by each.

Bid Item No. 34 - SEEDING FOR EROSION CONTROL: The provisions of COSA 107 - SEEDING FOR EROSION CONTROL shall apply in accordance with the details as shown on the plan set and clarified as follows.

Payment shall be measured by the square yard.