

RECAPITULATION OF SURFACING QUANTITIES		
ITEM	QUANTITY	UNIT
<i>Bituminous Surfacing (7")(BM-2)</i>	<i>575.0</i>	<i>Sq. Yd.</i>
<i>Crushed Stone Subgrade (8")</i>	<i>645.0</i>	<i>Sq. Yd.</i>
<i>Geogrid Reinforcing (for Base)</i>	<i>645.0</i>	<i>Sq. Yd.</i>
<i>Water (Crushed Stone Subgrade)</i>	<i>1</i>	<i>M-Gal.</i>
<i>Saw Cuts</i>	<i>293</i>	<i>Lin. Ft.</i>

RECAPITULATION OF BRIDGE QUANTITIES		
ITEM	QUANTITY	UNIT
<i>Class AAA Concrete</i>	<i>160.5</i>	<i>Cu. Yd.</i>
<i>Class AAA Concrete (AE)</i>	<i>130.1</i>	<i>Cu. Yd.</i>
<i>Reinforcing Steel (GR.60)</i>	<i>27.360</i>	<i>Lbs.</i>
<i>Reinforcing Steel (Epoxy Coated)</i>	<i>28.510</i>	<i>Lbs.</i>
<i>Bridge Handrail (Metal)(3'-6")</i>	<i>104.3</i>	<i>Lin. Ft.</i>
<i>Deck Drains</i>	<i>6</i>	<i>Each</i>
<i>Class III Excavation</i>	<i>158.1</i>	<i>Cu. Yd.</i>
<i>Foundation Stabilization (Set)</i>	<i>1</i>	<i>Cu. Yd.</i>


RECAPITULATION OF ROAD QUANTITIES		
ITEM	QUANTITY	UNIT
<i>Clearing and Grubbing</i>	<i>Lump Sum</i>	<i>Lump Sum</i>
<i>Common Excavation</i>	<i>510</i>	<i>Cu. Yd.</i>
<i>Rock Excavation</i>	<i>180</i>	<i>Cu. Yd.</i>
<i>Compaction of Earthwork</i>	<i>397</i>	<i>Cu. Yd.</i>
<i>Fill, Select Topsoil</i>	<i>43</i>	<i>Cu. Yd.</i>
<i>Removal of Existing Structure</i>	<i>Lump Sum</i>	<i>Lump Sum</i>
<i>Foundation Stabilization</i>	<i>1</i>	<i>Cu. Yd.</i>
<i>Water (Grading)</i>	<i>1</i>	<i>M. Gal.</i>
<i>Curb and Gutter (Type 2)</i>	<i>181.9</i>	<i>Lin. Ft.</i>
<i>Sidewalk Construction (4")</i>	<i>94.2</i>	<i>Sq. Yd.</i>
<i>Sidewalk Ramp</i>	<i>5</i>	<i>Each</i>
<i>18" Storm Sewer (RCP)</i>	<i>88</i>	<i>Lin. Ft.</i>
<i>Standard Type I Curb Inlet</i>	<i>5</i>	<i>Each</i>
<i>Standard/Special Shallow Manhole Type "A" &amp; "B"</i>	<i>2</i>	<i>Each</i>
<i>Temporary Surfacing Material</i>	<i>1</i>	<i>Cu. Yd.</i>
<i>Field Office and Laboratory (Type A)</i>	<i>1</i>	<i>Each</i>
<i>Contractor Construction Staking</i>	<i>Lump Sum</i>	<i>Lump Sum</i>
<i>Water Pollution Control</i>	<i>Lump Sum</i>	<i>Lump Sum</i>
<i>Seeding</i>	<i>Lump Sum</i>	<i>Lump Sum</i>
<i>Sodding</i>	<i>Lump Sum</i>	<i>Lump Sum</i>
<i>Traffic Control</i>	<i>Lump Sum</i>	<i>Lump Sum</i>
<i>Pavement Marking</i>	<i>Lump Sum</i>	<i>Lump Sum</i>
<i>Mobilization</i>	<i>Lump Sum</i>	<i>Lump Sum</i>
<i>Object Markers (Type 3)</i>	<i>4</i>	<i>Each</i>
<i>Mobilization (DBE)</i>	<i>Lump Sum</i>	<i>Lump Sum</i>

\* Includes RCB, inlets and all structures except for the siphon.

RECAPITULATION OF SANITARY SEWER QUANTITIES		
ITEM	QUANTITY	UNIT
<i>Sanitary Sewer Manhole</i>	<i>2</i>	<i>Each</i>
<i>16" Cast Iron Force Main</i>	<i>12</i>	<i>Lin. Ft.</i>
<i>16" P.V.C. Sanitary Sewer Pipe</i>	<i>74</i>	<i>Lin. Ft.</i>
<i>30" P.V.C. Sanitary Sewer Pipe</i>	<i>74</i>	<i>Lin. Ft.</i>
<i>Removal of Existing Manhole</i>	<i>2</i>	<i>Each</i>
** <i>Remove CIP (16')</i>	<i>72</i>	<i>Lin. Ft.</i>
** <i>Remove CIP (24')</i>	<i>53</i>	<i>Lin. Ft.</i>
** <i>Remove VCP (36')</i>	<i>30</i>	<i>Lin. Ft.</i>

\*\* Includes all labor and material needed.

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 SURV. - PLOT CADD DES. - DR. - TR. - CKD. - APP.

CITY OF WICHITA JAMES ARMOUR, P.E., CITY ENGINEER 31ST STREET BRIDGE AT GLENN		
SUMMARY OF QUANTITIES		
		
SCALE	DATE 5/4/2010	DWG. NO. 35768A