

FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-N-0225-01	2002	20	47

RETAINING WALL			
STA. OFFSET TO STA. OFFSET (BASELINE)		RETAINING WALL (225mm) m	REMARKS
227.5, 21.6m Lt.	231.5, 18.4m Lt.	5.2	"L" Ret Wall
238.7, 12.7m Lt.	264.3, 14.9m Lt.	26.3	"L" Ret Wall
231.5, 18.4m Lt.	238.7, 12.7m Lt.	9.0	"L" Ret Wall
	TOTALS	40.5	

SLOPE PROTECTION (RIPRAP STONE) *				
STA. TO STA. (BASELINE)		SIDE	SLOPE PROTECTION (RIPRAP STONE) (cu m)	REMARKS
0+184.5	0+184.6	35.6m Rt.	.75	
0+272.3	0+272.4	32.5m Rt.	.75	
		TOTALS	1.5	
* HEAVY STONE 1/4 TON				

PAVING BRICK				
STATION	ROADWAY	LOCATION	PAVING BRICK (sq m)	REMARKS
0+216.85	McLean	Median	6.70	Includes Sand Base
0+222.68	McLean	Median	2.55	Includes Sand Base
0+233.937	McLean	Median	4.50	Includes Sand Base
0+235.267	McLean	Median	3.85	Includes Sand Base
0+238.957	McLean	Median	3.87	Includes Sand Base
		TOTALS	21.47	60mm
0+220.00	McLean	Cross Walk	288.60	Includes Sand Base
0+240.00	McLean	Cross Walk	15.31	Includes Sand Base
		TOTALS	303.91	80mm

CURB AND GUTTER (COMBINED) (AE)				
STA. TO STA. (BASELINE)		SIDE	CURB AND GUTTER TYPE I (150mm) m	REMARKS
0+035.74	0+205.00	Lt.	176.21	Includes Thru Drives
0+035.74	0+214.00	Rt.	182.18	
0+224.00	0+400.00	Lt.	183.96	Includes Thru Drives
0+240.00	0+400.00	Rt.	163.89	
		TOTALS	706.24	
			TYPE III (200mm)	
0+217.00	N/A	Lt.	19.04	Median
0+222.50	N/A	Rt.	8.94	Median
0+234.00	N/A	Rt.	8.84	Median
0+235.00	N/A	Rt.	8.63	Median
0+239.00	N/A	Rt.	8.57	Median
		TOTALS	54.02	

CRUSHED STONE SUBGRADE				
STA. TO STA. (<i>BASELINE</i>)		SIDE	CRUSHED STONE (<i>sq. m</i>)	REMARKS
<i>0+194.588</i>	<i>0+256.156</i>	<i>N/A</i>	<i>1934.00</i>	
		TOTALS	<i>1934.00</i>	<i>(180mm)</i>
				<i>(Includes Geogrid Reinf)</i>
<i>0+035.74</i>	<i>0+194.588</i>	<i>N/A</i>	<i>2853.00</i>	
<i>0+256.156</i>	<i>0+400.00</i>	<i>N/A</i>	<i>2501.00</i>	
		TOTALS	<i>5354.00</i>	<i>(200mm)</i>
				<i>(Includes Geogrid Reinf)</i>

REINF. CONCRETE PAVEMENT (CLASS A) (AE)				
STATION	ROADWAY	LOCATION	CONCRETE (CLASS A) (AE) (sq. m) of 200mm	REMARKS
<i>0+240.000</i>	<i>McLean</i>	<i>Intersection</i>	<i>1748.18</i>	<i>Intersection @ Lincoln</i>
		TOTALS	<i>1748.18</i>	
<i>0+51.943</i>	<i>McLean</i>	<i>Drive</i>	<i>51.17</i>	<i>Measured Quantity</i>
<i>0+168.158</i>	<i>McLean</i>	<i>Drive</i>	<i>33.17</i>	<i>Measured Quantity</i>
<i>0+314.074</i>	<i>McLean</i>	<i>Drive</i>	<i>43.27</i>	<i>Measured Quantity</i>
<i>0+342.203</i>	<i>McLean</i>	<i>Drive</i>	<i>43.85</i>	<i>Measured Quantity</i>
<i>0+342.203</i>	<i>McLean</i>	<i>Drive</i>	<i>10.63</i>	<i>Measured Quantity</i>
		TOTALS	<i>182.09</i>	

EARTHWORK											
Sta. to Sta.		ROADWAY	EXCAVATION		COMPACTION		EXCAVATION WASTED		EMBANKMENT	TOPSOIL	REMARKS
			COMMON	NOTE	IN FILL (TYPE B) (MR-90)	IN CUT (TYPE B) (MR-90)	COMMON	ROCK			
			cu m		cu m	cu m	cu m	cu m			
0+035.742	0+400.000	MCLEAN	1990	*	107.93	-	-	-	-	-	See Cross-Sections.
TOTALS			955	**	108		-	-	-	-	

**Total Excavation = Earth Work Calculated from Existing Surfaces.*

*****Estimated Excavation = Total Excavation (Existing Surfaces) less Removal of Pavement (Assumed Pavement Thickness of 200mm).***

ASPHALT PAVEMENT					
STA. TO STA. (BASELINE)		ROADWAY	LOCATION	ASPHALT	REMARKS
50mm AC Surface Course				(sq. m) 50mm	BM-1B
0+205.00	0+225.00	Lincoln	Hookup	53	
			TOTALS	53	
180mm Asphalt Pavement (130mm Bit. Base)				(sq. m) 180mm	BM-1B over BM-2
0+035.74	0+195.34	McLean	Street	2519	
0+256.16	0+400.00	McLean	Street	2199	
			TOTALS	4718	
125mm AC Surface Course (Bike Path)				(sq. m) 125mm	BM-2
0+253.20	0+291.98	McLean	Bike Path	97	
			TOTALS	97	



PROJECT NUMBER 472-83799		SHEET NAME Tabsum1	ENGINEERING DIRECTORY F:\LinMcn\Qty	
DESIGN STAFF	DRAWN STAFF	APPROVED JFB	DATE July 2003	SCALE NONE
			BAUGHMAN NO 01-03-E944	

CAPITAL IMPROVEMENT PROJECT SUMMARY OF QUANTITIES LINCOLN AND MCLEAN INTERSECTION IMPROVEMENTS

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211