

MERIDIAN AVENUE DRAINAGE OUTFALL PROJECT

Project # 468-_____
O.C.A. No. _____

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY TOTAL	UNIT
LUMP SUM BID ITEMS - DRAINAGE		
MOBILIZATION	1	Lump Sum
FIELD OFFICE & LAB	1	Each
SITE CLEARING	1	Lump Sum
SITE RESTORATION	1	Lump Sum
SEEDING	1	Lump Sum
SODDING	1	Lump Sum
REMOVAL OF EXISTING STRUCTURES (Includes Pipes, Manholes, etc.)	1	Lump Sum
PIPE, RCBC (10' X 6') (Precast)	4,786	Ft.
PIPE, RCBC (10' X 7') (Precast)	1,204	Ft.
PIPE, RCBC (10' X 8') (Precast)	1,522	Ft.
PIPE, RCP 12"	26	Ft.
PIPE, RCP 15"	778	Ft.
PIPE, RCP 18"	106	Ft.
PIPE, RCP 24"	71	Ft.
PIPE, RCP 30"	101	Ft.
PIPE, RCP 36"	15	Ft.
PIPE, RCP 48"	105	Ft.
PIPE, RCP 54"	68	Ft.
PIPE, RCP 60"	458	Ft.
PIPE, RCP 60" (Heavy Duty)	40	Ft.
FILL, SAND (Flushed & Vibrated)	9,240	Ft.
RIP RAP, LIGHT STONE	10	Sq. Yds.
RIP RAP, HEAVY STONE	90	Sq. Yds.
SWS OUTFALL AT RIVER	1	Each
SWS FLAP GATE REPLACEMENT	1	Each
INLET, CURB (Type 1) (L=5' W=3')	18	Each
INLET, CURB (Type 1) (L=10' W=3')	4	Each
INLET, CURB (Type 1a) (L=10' W=3')	7	Each
INLET, CURB (Type 1a) (L=10' W=6')	1	Each
INLET, CURB (Type 1a) (L=5' W=3')	4	Each
INLET, DROP (Single)	1	Each
INLET HOOK-UP	34	Each
MH, TYPE P, SHALLOW (4')	1	Each
MH, TYPE P, SHALLOW (5')	1	Each
MH, TYPE P, STANDARD (5')	1	Each
MH, TYPE P, STANDARD (6')	1	Each
MH, TYPE P, STANDARD (8')	4	Each
MH, REINFORCED CONCRETE (13' 4" X 11' 4")	1	Each
MH, STACK (4') (Includes Ring & Cover)	33	Each
MH, STACK (5') (Includes Ring & Cover)	1	Each
MH, STACK (6') (Includes Ring & Cover)	1	Each
MEASURED QUANTITY BID ITEMS - DRAINAGE		
PIPE, SWS, PVC 4", PERFORATED	460	Ft.
LUMP SUM BID ITEMS - TRAFFIC		
TRAFFIC CONTROL	1	Lump Sum
PAVEMENT MARKINGS	1	Lump Sum
PAVEMENT MARKINGS (Parking Lots)	1	Lump Sum
SIGNING	1	Lump Sum
LUMP SUM BID ITEMS - PAVING		
CONCRETE PAVEMENT REMOVED (Includes Drives and Curb & Gutter)	24,415	Sq. Yds.
AC PAVEMENT REMOVED	2,330	Sq. Yds.
CONCRETE SIDEWALK REMOVED	675	Sq. Yds.
GRAVEL STREETS/DRIVES REMOVED & REPLACED	3,379	Sq. Yds.
A.C. PAVEMENT 2" SURFACE	332	Sq. Yds.
CONCRETE PAVEMENT 6" (Reinforced)	13,279	Sq. Yds.
CONCRETE PAVEMENT (VG) 7" (Rein)	1,727	Sq. Yds.
CONCRETE PAVEMENT 8" (Reinforced) (Base Course)	332	Sq. Yds.
CONCRETE PAVEMENT (VG) 8" (Rein)	169	Sq. Yds.
CONCRETE PAVEMENT 8" (Reinforced)	1,831	Sq. Yds.
CONCRETE PAVEMENT 9" (Reinforced)	531	Sq. Yds.
CONCRETE PAVEMENT 9" (NRDJ)	3,285	Sq. Yds.
CONCRETE APPROACH 12" RAILROAD	214	Sq. Yds.
CRUSHED ROCK BASE 5", Reinforced	17,701	Sq. Yds.
CRUSHED ROCK BASE 6", Reinforced	2,690	Sq. Yds.
CRUSHED ROCK BASE 7", Reinforced	2,953	Sq. Yds.
CRUSHED ROCK BASE 8", Reinforced	3,727	Sq. Yds.
CONCRETE C & G, COMB. TYPE I (6" & 1-1/2")	1,056	Ft.
CONCRETE C & G, COMB. TYPE I (6-5/8" & 1-1/2")	8,158	Ft.
CONCRETE CURB, MONO EDGE (6" & 1-1/2")	95	Ft.
CONCRETE CURB, MONO EDGE (6-5/8" & 1-1/2")	1,620	Ft.
MEASURED QUANTITY BID ITEMS - PAVING		
AC SURFACE COURSE (SC-1) 2" (Parking Lot)	1,331	Sq. Yds.
AC BASE COURSE (BC-1) 4" (Parking Lot)	1,331	Sq. Yds.
CONCRETE PAVEMENT 6" (Reinforced) (Parking Lot)	594	Sq. Yds.
CONCRETE DRIVEWAY 8" (Reinforced)	14,859	Sq. Ft.
CONCRETE SIDEWALK 4"	7,525	Sq. Ft.
AC PAVEMENT (6") (4" Bit Base) (Bike Path)	320	Sq. Yds.
WHEELCHAIR RAMP W/ DETECTABLE WARNINGS	25	Each
CONCRETE SIDEWALK PROTECTION CURB (6")	10	Ft.
TREES REMOVED (Small)	24	Each
TREES REMOVED (Large)	8	Each
A.C. PAVEMENT 5" (3" Bit Base), TEMPORARY	1,800	Sq. Yds.
SIGNING, ELEC. PORTABLE MESSAGE BOARD (ea/day)	180	Day

RECAPITULATION OF QUANTITIES, cont.

ITEM	QUANTITY TOTAL	UNIT
MEASURED QUANTITY BID ITEMS - EROSION CONTROL		
BMP, SILT FENCE	225	Ft.
BMP, CURB INLET PROTECTION	44	Each
BMP, DROP INLET PROTECTION	2	Each
BMP, BACK OF CURB PROTECTION	13,500	Ft.
BMP, CONSTRUCTION ENTRANCE	4	Each
ADD ALTERNATE BID ITEMS		
DEBRIS REMOVAL STRUCTURE	1	Each
PIPE, RCBC (10' X 8') (Precast)	(52)	Ft.

WATER LINE PROJECT

Project # 448-90583
O.C.A. No. 636270

RECAPITULATION OF QUANTITIES

ITEM	QUANTITY TOTAL	UNIT
MEASURED QUANTITY BID ITEMS - WATER		
PIPE, WL 2"	22	Ft.
PIPE, WL 8"	1,712	Ft.
PIPE, WL 12"	14	Ft.
PIPE, WL 8", DIRECTIONAL DRILLED	75	Ft.
PIPE, DICL 8"	18	Ft.
PIPE, DICL 12"	18	Ft.
VALVE ASSEMBLY, ANCHORED 8", SPECIAL	4	Each
VALVE ASSEMBLY, ANCHORED 8"	1	Each
SERVICE OUTLET ASSY. 2"	4	Each
VALVE ASSEMBLY, BLOWOFF 2"	4	Each
VALVE ASSEMBLY, AIR RELEASE 2"	3	Each
FIRE HYDRANT ASSYMBLY	1	Each
CONCRETE ENCASUREMENT 8", REINFORCED	60	Ft.
VALVE BOX ADJUSTED	29	Each
METER BOX ADJUSTED (Includes New Box and Ring & Lid)	5	Each
METER SET ADJUSTED (Includes New Box and Ring & Lid)	2	Each
SERVICE LINE, LONG 1"	10	Each
SERVICE LINE, SHORT 1"	12	Each

SANITARY SEWER PROJECT

Project # 468-84864
O.C.A. No. 620609

RECAPITULATION OF QUANTITIES

ITEM	QUANTITY TOTAL	UNIT
LUMP SUM BID ITEMS - SANITARY SEWER		
PIPE, PVC 8"	1,002	Ft.
PIPE, PVC 12"	12	Ft.
MH, TYPE P, SHALLOW (4')	1	Each
CONCRETE ENCASUREMENT 8", REINFORCED	60	Ft.
MH FRAME & COVER	2	Each
MEASURED QUANTITY BID ITEMS - SANITARY SEWER		
SERVICE RECONNECTION, SEWER (4")	7	Each
CONCRETE ENCASUREMENT REMOVAL	100	Ft.
CONCRETE ENCASUREMENT 8", REINFORCED	100	Ft.

REMOVAL OF EXISTING STRUCTURES

SWS STATION	ROADWAY	SIDE	ITEM	REMARKS
Sta. 6+06, Line 1	Dora Avenue	1' Lt.	55 Manhole	
Sta. 6+08, Line 1	Dora Avenue	11' Rt.	20 L.F. 12" CMP	
Sta. 6+16, Line 1	Dora Avenue	7' Rt.	Guard Post	
Sta. 8+35, Line 1	Dora Avenue	10' Rt.	10 L.F. 12" CMP	
Sta. 9+46, Line 1	Dora Avenue	8' Rt.	Guard Post	
Sta. 9+57, Line 1	Dora Avenue	11' Rt.	16 L.F. 8" CMP	
Sta. 9+65, Line 1	Dora Avenue	9' Rt.	Guard Post	
Sta. 14+54, Line 1	Dora Avenue	12' Rt.	SWS Inlet	
Sta. 14+55, Line 1	Dora Avenue	21' Lt.	SWS Inlet	
Sta. 14+55, Line 1	Dora Avenue	--	32 L.F. 15" Pipe	
Sta. 15+28, Line 1	Dora Avenue	21' Lt.	SWS Inlet	
Sta. 15+29, Line 1	Dora Avenue	12' Rt.	SWS Inlet	
Sta. 15+29, Line 1	Dora Avenue	--	32 L.F. 15" Pipe	
Sta. 32+26, Line 1	Dora Avenue	13' Rt.	SWS Inlet	
Sta. 32+26, Line 1	Dora Avenue	20' Lt.	SWS Inlet	
Sta. 32+26, Line 1	Dora Avenue	--	32 L.F. 15" Pipe	
Sta. 33+00, Line 1	Dora Avenue	22' Rt.	SWS Manhole	
Sta. 33+21, Line 1	Dora Avenue	13' Rt.	SWS Inlet	
Sta. 33+21, Line 1	Dora Avenue	20' Lt.	SWS Inlet	
Sta. 33+21, Line 1	Dora Avenue	--	32 L.F. 15" Pipe	
Sta. 55+00, Line 1	May Avenue	5' Lt.	276 L.F. 48" RCP	
Sta. 56+36, Line 1	May Avenue	17' Rt.	SWS Inlet	
Sta. 56+36, Line 1	May Avenue	16' Lt.	SWS Inlet	
Sta. 56+38, Line 1	May Avenue	--	20 L.F. 15" Pipe	
Sta. 56+38, Line 1	May Avenue	10' Lt.	10 L.F. 15" Pipe	
Sta. 56+38, Line 1	May Avenue	5' Lt.	SWS Manhole	
Sta. 56+52, Line 1	May Avenue	7' Lt.	28 L.F. 48" RCP	
Sta. 56+66, Line 1	May Avenue	8' Lt.	SWS Manhole	
Sta. 57+10, Line 1	May Avenue	8' Rt.	89 L.F. 48" RCP	
Sta. 62+26, Line 1	Seneca Street	--	27 L.F. 8' X 4' RCB	
Sta. 62+88, Line 1	Seneca Street	13' Rt.	Concrete Sign Base	
Sta. 70+25, Line 1	--	--	200 L.F. RR Tracks	
Sta. 0+35, Line 2	Meridian Avenue	7' Rt.	98 L.F. 30" RCP	
Sta. 0+84, Line 2	Meridian Avenue	7' Rt.	SWS Manhole	
Sta. 1+55, Line 2	Meridian Avenue	4' Lt.	144 L.F. 30" RCP	
Sta. 0+37, Line 2b	Meridian Avenue	4' Rt.	22 L.F. 30" RCP	
Sta. 0+00, Line 2c	Meridian Avenue	--	32 L.F. 30" RCP	

FOR INFORMATION ONLY. Cost to be SUBSIDIARY to the bid item "Removal of Existing Structures"

SMALL TREES REMOVED

RCBC STATION	STREET	SIDE	TREE SIZE
1+34	--	Lt.	4-10" Trees
1+38	--	Lt.	3-6" Trees
21+06	Dora Avenue	Rt.	Bush
26+11	Dora Avenue	Rt.	Bush
27+70	Dora Avenue	Rt.	Bush
27+78	Dora Avenue	Rt.	6" Tree
27+78	Dora Avenue	Rt.	4" Tree
38+98	Dora Avenue	Rt.	4" Tree
39+05	Dora Avenue	Rt.	Bush
39+12	Dora Avenue	Rt.	6" Tree
44+71	Dora Avenue	Rt.	Bush
57+42	May Avenue	Lt.	10" Tree
62+68	Seneca Street	Rt.	8" Tree
66+88	Osage Avenue	Rt.	4" Tree
67+15	Osage Avenue	Lt.	10" Tree
67+38	Osage Avenue	Lt.	10" Tree
68+15	--	Lt.	4" Tree
68+38	--	Lt.	4" Tree
73+95	McLean Boulevard	Lt.	6" Tree

LARGE TREES REMOVED

RCBC STATION	STREET	SIDE	TREE SIZE
20+35	Dora Avenue	Rt.	20" Tree
20+57	Dora Avenue	Rt.	20" Tree
20+76	Dora Avenue	Rt.	20" Tree
20+95	Dora Avenue	Rt.	24" Tree
21+15	Dora Avenue	Rt.	24" Tree
34+54	Dora Avenue	Rt.	36" Tree
51+62	Exposition Avenue	Rt.	24" Tree
68+55	--	Rt.	24" Tree

Drawing File: E:\ang\Meridian Drainage\Recap.dwg

Design: TPV
Drawn: TPV
Approved: TPV
Scale: None

Project No. 0802.E038 CAPITAL IMPROVEMENT PROJECT

QUANTITY RECAPITULATIONS

MERIDIAN AVENUE DRAINAGE OUTFALL PROJECT

Baughman Company, P.A.
315 Ellis St., Wichita, KS 67211 P 316.262.1271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

January 2013
SHEET
105
OF
119