Control Structure I - Upper Little Arkansas Diversion Bid Quantities		
BID ITEM (LUMP SUM BASIS)		
Item Description	Quantity	Unit
By-pass works (siphon pipe, pumps, etc.)[1]	1	L.S.
Cofferdam Works[2]	2	EA.
Siphon Pool Excavation[1]	1000	C.Y.
Concrete Inspection Preparation[4]	1	L.S.
Nose Wall Armor	100	L.F.
Site Restoration	1	L.S.
Project Seeding[3]	2.0	AC.
BID ITEM (MEASURED QUANTITY BASIS)		
Sawcut Existing Nosewall	30	L.F.
Replace Existing Nosewall	54	L.F.
Repair Eroded Box Culvert Floor	550	SQ. FT.
Grout base of culvert floor	15	C.Y.
Energy Dissapators	1.5	C.Y.
Repair/replace dumped riprap for structure	15	TON
Repair cracks in walls outside	20	L.F.
Repair cracks in walls inside	20	L.F.
Repair deteriorated nosewall	1	C.Y.
Erosion Control BMP (Silt Barrier)	850	L.F.
Erosion Control BMP (Stabilized Entrance)	2	EA.
Erosion Control Blanket[5]	9680	SQ. YD.
1. Includes all equipment and work associated with by-passing 20 cfs water over the levee. Upon completion of control structure repairs, the By-Pass works shall be removed and the area restored to pre-construction conditions.		
2. Includes all equipment, materials, and work associated with constructing coffer dams. Upon completion of control structure repairs, the coffer dams shall be removed and the area restored to pre-construction conditions.		
3. Includes seedbed preparation, fertilizer, mulch, and cost associated with grass establishment.		
4. Shall include removing scale and other debris from the from the concrete surfaces in preparation for Concrete Inpsections that will be performed by a City Representative. This item shall also include all items of work associate with maintaining the restoration area in dry condition suitable for inspections and repair work.		
5. All Erosion Control Blankets shall be Culex 1 or approved equivalent.		

Control Structure II - Little Arkansas Diversion Bid Quantities		
BID ITEM (LUMP SUM BASIS)		
Item Description	Quantity	Unit
By-pass works (siphon pipe, pumps, etc.)[1]	1	L.S.
Cofferdam Works[2]	2	EA.
Siphon Pool Excavation[1]	1000	C.Y.
Concrete Inspection Preparation[4]	1	L.S.
Nose Wall Armor	75	L.F.
Site Restoration	1	L.S.
Project Seeding[3]	2.0	AC.
BID ITEM (MEASURED QUANTITY BASIS)		
Sawcut Existing Nosewall	15	L.F.
Replace Existing Nosewall	27	L.F.
Repair Eroded Box Culvert Floor	375	SQ. FT.
Grout base of culvert floor	10	C.Y.
Energy Dissapators	1.5	C.Y.
Repair/replace dumped riprap for structure	15	TON
Repair cracks in walls outside	15	L.F.
Repair cracks in walls inside	10	L.F.
Repair deteriorated nosewall	2	C.Y.
Erosion Control BMP (Silt Barrier)	1355	L.F.
Erosion Control BMP (Stabilized Entrance)	2	EA.
Erosion Control Blanket[5]	9680	SQ. YD.
1. Includes all equipment and work associated with by-passing 20 cfs water over the levee. Upon completion of control structure repairs, the By-Pass works shall be removed and the area restored to pre-construction conditions.		
2. Includes all equipment, materials, and work associated with constructing coffer dams. Upon completion of control structure repairs, the coffer dams shall be removed and the area restored to pre-construction conditions.		
3. Includes seedbed preparation, fertilizer, mulch, and cost associated with grass establishment.		
4. Shall include removing scale and other debris from the from the concrete surfaces in preparation for Concrete Inpsections that will be performed by a City Representative. This item shall also include all items of work associate with maintaining the restoration area in dry condition suitable for inspections and repair work.		
5. All Erosion Control Blankets shall be Culex 1 or approved equivalent.		

Control Structure IV - Arkansas River Diversion Bid Quantities		
BID ITEM (LUMP SUM BASIS)		
Item Description	Quantity	Unit
Cofferdam Works[2]	4	EA.
Concrete Inspection Preparation[4]	1	L.S.
Nose Wall Armor	450	L.F.
Site Restoration	1	L.S.
Project Seeding[3]	3.0	AC.
By-Pass Channel Excavation	1745.0	C.Y.
By-Pass Channel Fill	1745.0	C.Y.
Riprap	175.0	TON
BID ITEM (MEASURED QUANTITY BASIS)		
Sawcut Existing Nosewall	135	L.F.
Replace Existing Nosewall	243	L.F.
Repair Eroded Box Culvert Floor	1920	SQ. FT.
Grout base of culvert floor	50	C.Y.
Energy Dissapators	5	C.Y.
Repair/replace dumped riprap for structure	60	TON
Repair cracks in walls outside	100	L.F.
Repair cracks in walls inside	100	L.F.
Repair deteriorated nosewall	15	C.Y.
Erosion Control BMP (Silt Barrier)	1185	L.F.
Erosion Control BMP (Stabilized Entrance)	2	EA.
Erosion Control Blanket[5]	14520	SQ. YD.
2. Includes all equipment, materials, and work associated with constructing coffer dams. Upon		
3. Includes seedbed preparation, fertilizer, mulch, and cost associated with grass		
4. Shall include removing scale and other debris from the from the concrete surfaces in		
5. All Erosion Control Blankets shall be Culex 1 or approved equivalent.		

Control Structure V - Cowskin Creek Diversion Bid Quantities		
BID ITEM (LUMP SUM BASIS)		
Item Description	Quantity	Unit
By-pass works (siphon pipe, pumps, etc.)[1]	1	L.S.
Cofferdam Works[2]	2	EA.
Siphon Pool Excavation[1]	250	C.Y.
Concrete Inspection Preparation[4]	1	L.S.
Sheet Pile Weir	7735	SQ. FT.
Sheet Pile Weir Waler	225	L.F.
Site Restoration	1	L.S.
Project Seeding[3]	1.5	AC.
BID ITEM (MEASURED QUANTITY BASIS)		
Repair Eroded Box Culvert Floor	95	SQ. FT.
Grout base of culvert floor	1	C.Y.
Repair/replace dumped riprap for structure	5	TON
Repair cracks in walls outside	20	L.F.
Repair cracks in walls inside	20	L.F.
Erosion Control BMP (Silt Barrier)	885	L.F.
Erosion Control BMP (Stabilized Entrance)	2	EA.
Erosion Control Blanket[5]	7260	SQ. YD.
1. Includes all equipment and work associated with by-passing 20 cfs water over the levee. Upon completion of control structure repairs, the By-Pass works shall be removed and the area restored to pre-construction conditions.		
2. Includes all equipment, materials, and work associated with constructing coffer dams. Upon completion of control structure repairs, the coffer dams shall be removed and the area restored to pre-construction conditions.		
3. Includes seedbed preparation, fertilizer, mulch, and cost associated with grass establishment.		
4. Shall include removing scale and other debris from the from the concrete surfaces in preparation for Concrete Inpsections that will be performed by a City Representative. This item shall also include all items of work associate with maintaining the restoration area in dry condition suitable for inspections and repair work.		
5. All Erosion Control Blankets shall be Culex 1 or approved equivalent.		

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ORDER	SHEET	TITLE
1	G-1.00	COVER SHEET
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3	G1.02	GENERAL NOTES
4	C1.01	SITE KEY PLAN
5	C2.01	SITE PLAN LEVEE F-LITTLE ARKANSAS
6	C2.02	SITE PLAN LEVEE D-UPPER LITTLE ARKANSAS
7	C2.03	SITE PLAN LEVEE D-ARKANSAS
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16	EC1.01	EROSION CONTROL DETAILS
17	EC1.02	EROSION MATTING DETAIL

MARK	DESCRIPTION	DATE	APPR.

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Fax: (785) 272-4676

CITY OF WICHITA

Diversion Structure Rehabilitation Improvements For the WICHITA-VALLEY CENTER LOCAL FLOOD PROTECTION PROJECT
WICHITA, KANSAS

PREPARED FOR
THE CITY OF WICHITA, KANSAS
455 N. Main
Wichita, KS 67202

DON W. DOTSON LICENSED KANSAS 19964 PROFESSIONAL ENGINEER

DESIGNED BY: DON DOTSON, P.E.		DATE: 2012/JAN/16
DWN BY: Staff	CKD BY: CJR	APP BY: LJS
FILE NAME: 02_VIC MAP, INDEX, QUANTITIES.dgn		
AMEC PROJ. NO. 5-6150-0001		

VICINITY MAP, SHEET INDEX

G-1.01

SHEET 2 OF 17