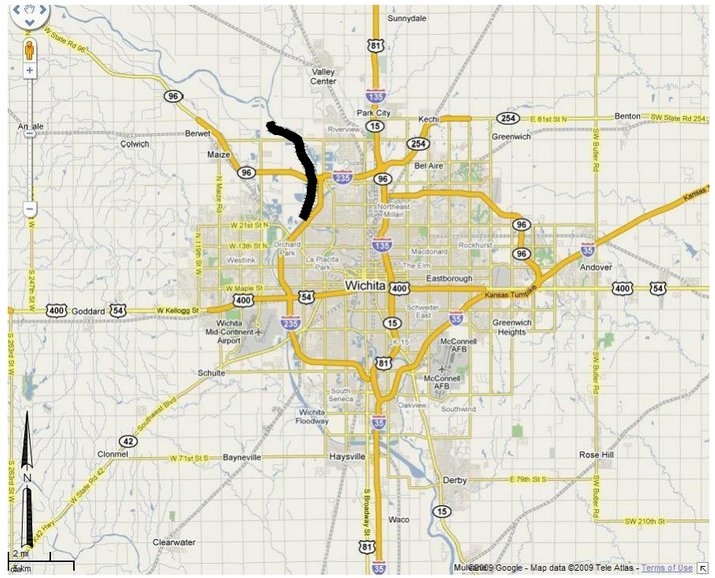

VICINITY MAP
NOT TO SCALE

SHEET INDEX

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11	C-2.13	LEVEE TOE DRAIN PLAN AND PROFILE
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TABLE OF QUANTITIES (BASE BID ITEMS)

Lump Sum Basis

Item	Quantity	Unit
Site Clearing (NOTE 1)	1	Lump Sum
Top Soil Excavation and Stockpiling (NOTE 2)	2141	Cubic Yards
Trench Excavation and Disposal of Existing Filter Media and Existing Toe Drain Pipe (NOTE 3)	19,293	Cubic Yards
Replacement Toe-Drain Pipe with Filter Sock (6" diameter perforated HDPE) (NOTE 4)	19,293	Linear Feet
Replacment Risers (6" diameter non-perforated HDPE)	504	Linear Feet
Replacement Riser Cap and Outlet Appurtenances (NOTE 5)	56	Each
Precast Concrete Manhole (48" dia.)	30	Each
Replacement Filter Media (Stone meeting ASTM C33 specification for concrete aggregate)	7,505	Cubic Yards
Earthfill (backfill with existing material)	13,929	Cubic Yards
Site Restoration (NOTE 6)	1	Lump Sum
Traffic Control	1	Lump Sum

Measured Quantity Basis

Item	Quantity	Unit
Erosion Control BMP (Ditch Check Protection)	6	EA.
Erosion Control BMP (Stabilized Entrance)	4	EA.
Erosion Control Blanket (SC150 or equivalent)	53,590	Square Yard

1. Includes cost for mobilization, tree removal and trimming, debris and tree disposal, sod stripping, and grading.
2. Includes excavation of top 1.0 foot of soil, stockpiling, and any necessary temporary erosion control such as silt fence.
3. Includes all work associated with the trench excavation and disposal of the existing toe drain pipe, risers and filter media. Trench shoring is required for this project and it shall be assumed that a minimum of 200 feet of shoring will be on site at all times and shall be subsidiary to this bid item. Includes approx. 19,293 cubic yards of existing pipe and filter media to be disposed of off site.
4. All appurtenant fittings such as tees, caps, and couplers shall be subsidiary to this bid item.
5. Includes Fabricated riser cap, 2 metal barrier posts, weed barrier around riser outlet, and crushed rock.
6. Shall include all equipment, materials and labor to restore the site and shall include such items as grading, seeding mulch, fertilizer and any additional items necessary to establish vegetation as described in the General Notes. Esitmated seeding area is 11 acres.

LEGEND

EXISTING LEVEE CENTERLINE

960+00C — CORPS OF ENGINEERS LEVEE STATIONS (SHOWN FOR INFORMATION ONLY)

EXISTING TOE DRAIN RISERS (FIELD LOCATED IN 2010 BY GPS)

PROPOSED TOE DRAIN

R-## — PROPOSED TOE DRAIN RISER

MH-# — PROPOSED TOE DRAIN MANHOLE

PROPOSED TOE DRAIN CAP

MARK	DESCRIPTION	DATE	APPR

amec
AMEC Earth & Environmental, Inc.
1129 SW Wanamaker
Topeka, Kansas 66604
Phone: (785) 272-6830
Fax: (785) 272-6978

CITY OF WICHITA

UPPER LEVEE "C" TOE DRAIN INSTALLATION
WICHITA-VALLEY CENTER LOCAL FLOOD PROTECTION PROJECT
WICHITA, KANSAS

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

..\sample seal\Seal.jpg

DESIGNED BY: Larry Sample, PE		DATE: 08-13-2012
DWN BY: RES	CKD BY: LBK	APP BY: L. SAMPLE
FILE NAME: $FILES$		

AMEC PROJ. NO. 5-6150-0001

VICINITY MAP, SHEET INDEX

G-0.01

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