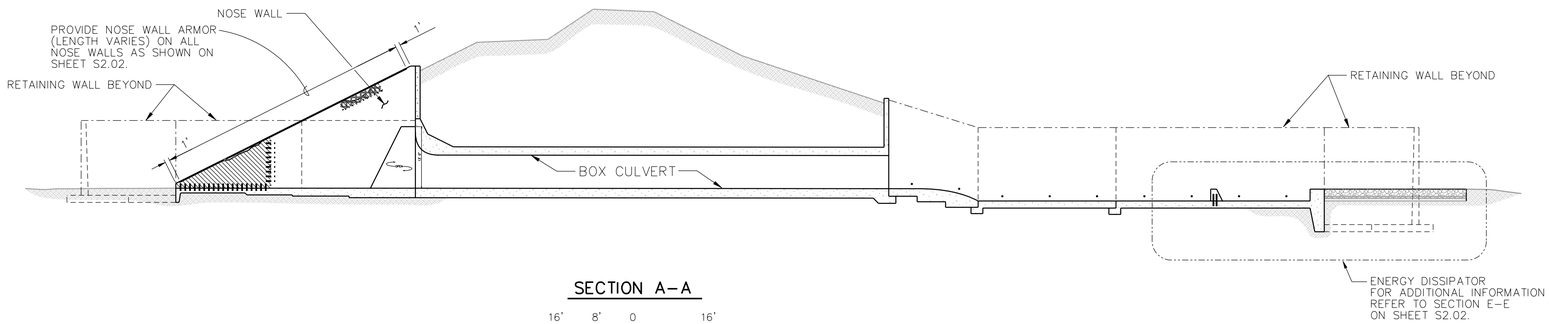
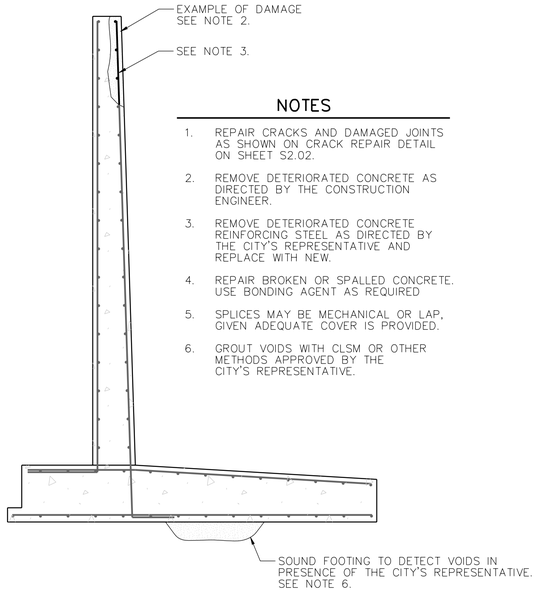


SECTION A–A

16' 8' 0 16'

GRAPHIC SCALE



NOTES

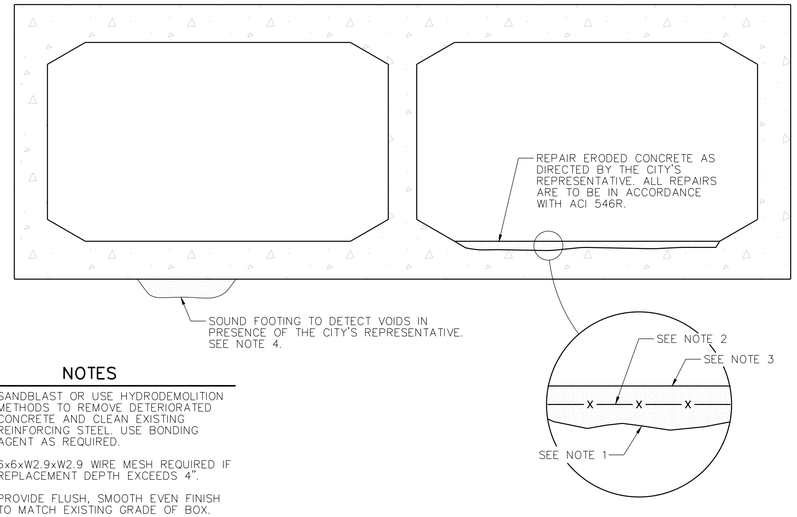
1. REPAIR CRACKS AND DAMAGED JOINTS AS SHOWN ON CRACK REPAIR DETAIL ON SHEET S2.02.
2. REMOVE DETERIORATED CONCRETE AS DIRECTED BY THE CONSTRUCTION ENGINEER.
3. REMOVE DETERIORATED CONCRETE REINFORCING STEEL AS DIRECTED BY THE CITY'S REPRESENTATIVE AND REPLACE WITH NEW.
4. REPAIR BROKEN OR SPALLED CONCRETE. USE BONDING AGENT AS REQUIRED
5. SPLICES MAY BE MECHANICAL OR LAP, GIVEN ADEQUATE COVER IS PROVIDED.
6. GROUT VOIDS WITH CLSM OR OTHER METHODS APPROVED BY THE CITY'S REPRESENTATIVE.

SECTION B–B

TYPICAL RETAINING WALL

6' 3' 0 6'

GRAPHIC SCALE



NOTES

1. SANDBLAST OR USE HYDRODEMOLITION METHODS TO REMOVE DETERIORATED CONCRETE AND CLEAN EXISTING REINFORCING STEEL. USE BONDING AGENT AS REQUIRED.
2. 6x6xW2.9xW2.9 WIRE MESH REQUIRED IF REPLACEMENT DEPTH EXCEEDS 4".
3. PROVIDE FLUSH, SMOOTH EVEN FINISH TO MATCH EXISTING GRADE OF BOX.
4. GROUT VOIDS WITH CLSM IN ACCORDANCE WITH ACI 229R OR OTHER METHODS APPROVED BY THE CITY'S REPRESENTATIVE.

SECTION C–C

TYPICAL BOX CULVERT

6' 3' 0 6'

GRAPHIC SCALE

MARK	DESCRIPTION	DATE	APPR.

amec
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1129 SW Wanamaker
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Fax: (785) 272-4678

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 PROFESSIONAL ENGINEER 19964

DESIGNED BY:		DATE:
DON DOTSON, P.E.		2012/JAN/16
DWN BY: Staff	CKD BY: CJR	APP BY: LJS

FILE NAME: 11_STRUCTURE SECTIONS AND DETAILS.dgn

AMEC PROJ. NO. 5-6150-0001

CONTROL STRUCTURE SECTIONS AND DETAILS

S2.01

SHEET 11 OF 17