

BIRD DETERRENT SYSTEM

THE BIRD CONTROL PLAN HAS BEEN DESIGNED AROUND BIRD-B-GONE PRODUCTS AND INSTALLATION GUIDELINES AND SHALL BE INSTALLED BY A BIRD-B-GONE CERTIFIED INSTALLER WITH A MINIMUM FIVE (5) YEARS OF INSTALLATION EXPERIENCE.

A MANUFACTURER REPRESENTATIVE SHALL BE ON-SITE FOR FINAL APPROVAL OF ALL BIRD DETERRENT PRODUCT INSTALLATION.

CONTRACTOR SHALL SUBMIT QUALIFICATIONS AND PRODUCT INFORMATION FOR ALTERNATIVE MANUFACTURER AND PRODUCTS DURING BIDDING FOR ARCHITECT REVIEW AND ACCEPTANCE. NO ALTERNATIVES WILL BE ACCEPTED AFTER PROJECT BID.

BIRD NET 2000 HEAVY DUTY NETTING
 MATERIAL: UV PROTECTED POLYETHYLENE KNOTTED NETTING
 3/8" GALVANIZED CABLE
 M8 TURNBUCKLES
 2" HEAVY-DUTY CLAMPS
 COLOR: BLACK
 WARRANTY: 10 YEARS

BIRD WIRE
 MATERIAL: 316 STAINLESS STEEL WIRE COATED WITH UV STABILIZER CLEAR NYLON
 POSTS: 316 STAINLESS STEEL 4mm
 SPRINGS: 316 STAINLESS STEEL (STANDARD SIZE)
 WARRANTY: 5 YEARS

INSTALLATION: INSTALL WIRE PER MANUFACTURER SPECIFICATIONS AND GUIDELINES.

EDGE WIRE: 1" FROM EDGE
 EACH INTERIOR WIRE: 3" O.C. MAX
 POSTS SHALL NOT EXCEED 5' O.C.

ABUTMENT EDGE DAM

THE PROJECT INCLUDES AN ABUTMENT EDGE DAM. THE INTENT IS TO DIVERT INTRUDING WATER FROM THE ABOVE RAILWAY FROM STAINING THE ABUTMENT WALLS UNDER THE BRIDGE. WATER WILL BE DIVERTED TO EACH END AS INDICATED IN THE PLANS.

ONE SECTION OF EDGE DAM (9' LONG, CURVED SECTION) SHALL BE FULLY INSTALLED FOR REVIEW BY THE CITY OF WICHITA AND ARCHITECT AS A MOCK-UP.

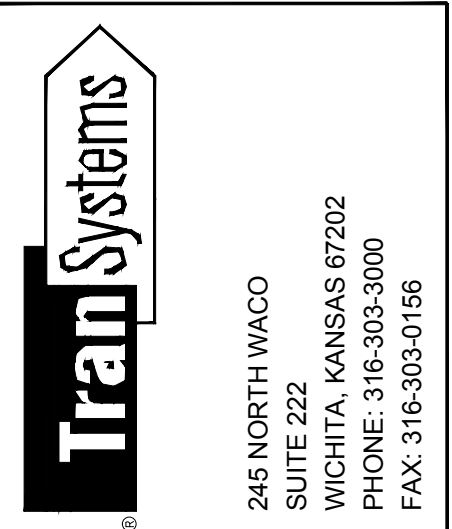
HDPE DAMS:
 MATERIAL: HIGH DENSITY POLYETHYLENE (HDPE)
 COLOR: CLEAR/NATURAL
 DIMENSIONS: 1" THICK, 3" WIDE CUT TO FIT

FABRICATION: HDPE "DAMS" TO BE FABRICATED FROM STRESS RELIEVED HDPE SHEETS, CUT INTO CONSISTENT 3" WIDE STRIPS MATCHING THE CURVATURE OF THE ABUTMENT WALLS AND STRAIGHT SECTIONS. CURVES ARE TO BE SMOOTH AND CONSISTENT RADII. EDGES TO BE SMOOTH AND FREE OF DEFECTS.

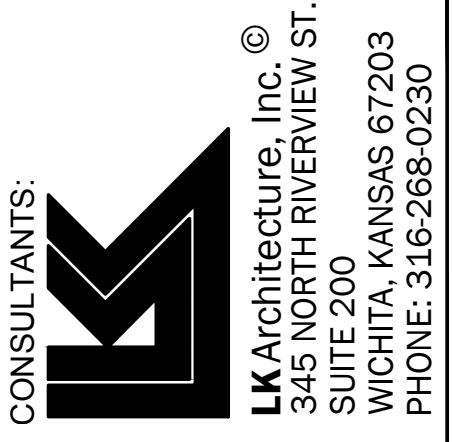
INSTALLATION: CLEAN SURFACE OF CONCRETE, SECURE HDPE STRIPS WITH 410 SS TAPCONS CONCRETE SCREWS AT EACH END AND 3" O.C. ALTERNATING EDGES WITH SS WASHER TO ELIMINATE HDPE CRACKING. SEAL EDGES OF WITH CLEAR SILICONE SEALANT. INSTALL 3" FROM THE OUTSIDE EDGE OF EACH ABUTMENT WALL UNDER BRIDGE AND AS INDICATED IN THE PLANS. SEAL BUTT EDGES BETWEEN STRIPS WITH SILICON SEALANT. PLACE BEAD OF SILICONE SEALANT ON TAPCON HEADS.

A FIRST STREET BRIDGE-BIRD DETERRENT PLAN
 1"=10'-0" NORTH

B SECOND STREET BRIDGE-BIRD DETERRENT PLAN
 1"=10'-0" NORTH



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1ST STREET IMPROVEMENTS
 SANTA FE TO WASHINGTON IN OLD TOWN
 WICHITA, KANSAS
 CITY OF WICHITA

REVISIONS:	MARK	DATE	DESCRIPTION

PROJ NO: 16149
 SCALE: 1" = 10'-0"
 DATE: 07/05/2017
 DESIGNED BY: JABEST
 DRAWN BY: JABEST
 CHECKED BY:

SHEET TITLE:
BIRD DETERRENT & EDGE DAM

SHEET NO.
16
 SHEET 16 OF 90