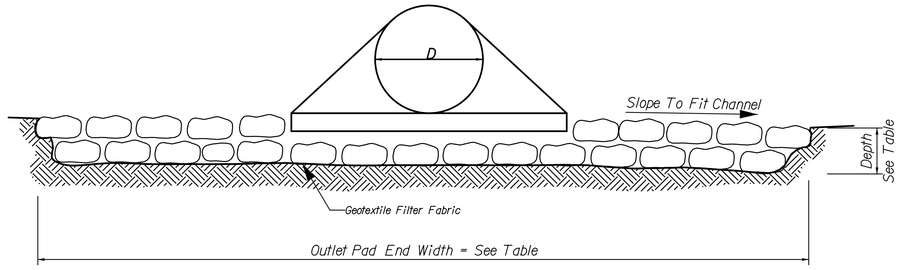

SLOPE PROTECTION FOR
CULVERT OUTLET - END VIEW

**RIP RAP STONE DEPTH FOR CULVERTS	
Class	Depth (ft)
Light Stone	1.5

**For Information Only

SLOPE PROTECTION FOR CULVERT OUTLETS						
Station	Location	Class	Outlet Pad End Width (ft)	Outlet Pad Length* (ft)	Outlet Pad Area (S.Y.)	Pad Volume (C.Y.)
18+76.26	143rd Street	Light Stone	11.0	10.0	12.3	6.1
29+24.01	143rd Street	Light Stone	14.0	98.1	200.6	100.3
50+70.63	143rd Street	Light Stone	6.6	10.0	7.3	3.7
57+45.28	143rd Street	Light Stone	4.8	10.0	5.4	2.7
58+46.05	143rd Street	Light Stone	13.8	10.0	15.3	7.7

*Plan Lengths may be Different where Linings are Placed on Backslopes

Note:
All Work Required For Installation of Slope Protection for Culvert Outlets Will Be Considered SUBSIDIARY To The Bid Item "Rip-Rap, Light Stone".
For Final Quantities See Sheet 75

TranSystems
245 NORTH WACO
SUITE 222
WICHITA, KANSAS 67202
PHONE: 316-303-3000
FAX: 316-462-5629

CONSULTANTS:

143RD STREET IMPROVEMENTS
WICHITA, KANSAS

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 87 N-0614-01
SCALE: N/A
DATE: 5/26/2017
DESIGNED BY: TAU
DRAWN BY: TAU
CHECKED BY: MDB

SHEET TITLE:
SLOPE PROTECTION DETAIL

SHEET NO.
39
SHEET 39 OF 236

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IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING