

### **GENERAL NOTES:**

Existing Ground

- 1. SUBGRADE MUST BE OF STABLE, COMPACTED EARTH AND SHALL BE OVERLAYED WITH 4" COMPACTED DENSE
- GRADED AGGREGATE BASE. 1.5% CROSS SLOPE MUST BE MAINTAINED THROUGH DRIVEWAYS.
- 3. KCMMB 4K CONCRETE MIX SHALL BE REQUIRED FOR ALL SIDEWALKS AND SHARED-USE PATHS OR AS 4. ALL SIDEWALKS SHALL MEET CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG).
- 5. AN EXPANSION JOINT SHALL BE PLACED AT A MAXIMUM OF 150 FT. CONSTRUCTION JOINTS SHALL BE PLACED THE SAME WIDTH OF SIDEWALK, BUT NO GREATER THAN 10 FT.
- 6. SHARED-USE PATH WIDTH SHALL BE 10 FT. WIDE. 7. SIDEWALK FINISHING (NO PICTURE FRAMING) AS DIRECTED BY CITY INSPECTOR.

\* Contractor shall field verify that Ponded Water Depth will not cause

unintended flooding.

Wrap silt fence around 2"X10" (min

<u>Detail A</u>

EARLY STAGE CURB INLET

(Open Box and Prior to Pouring

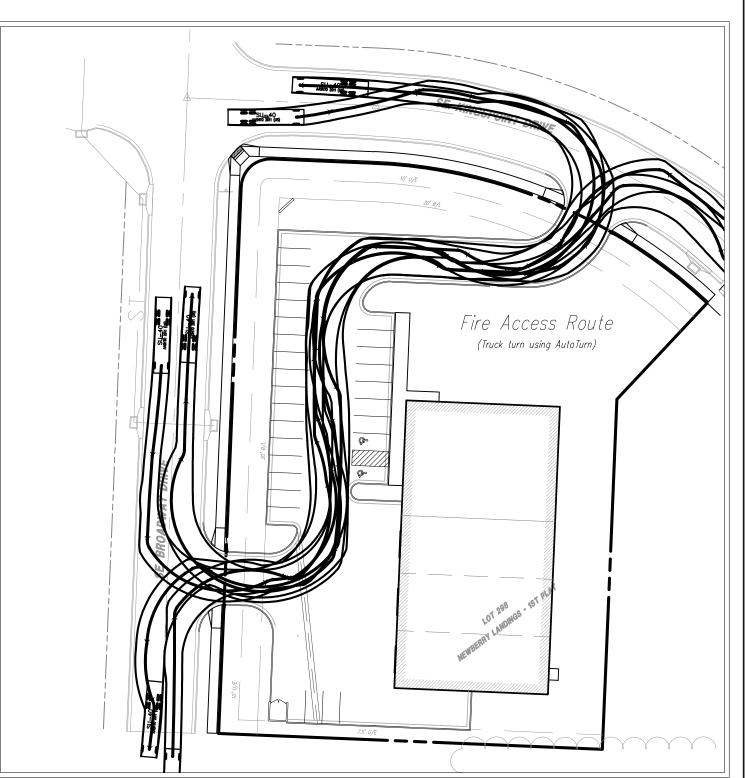
Curb and Inlet Throat)

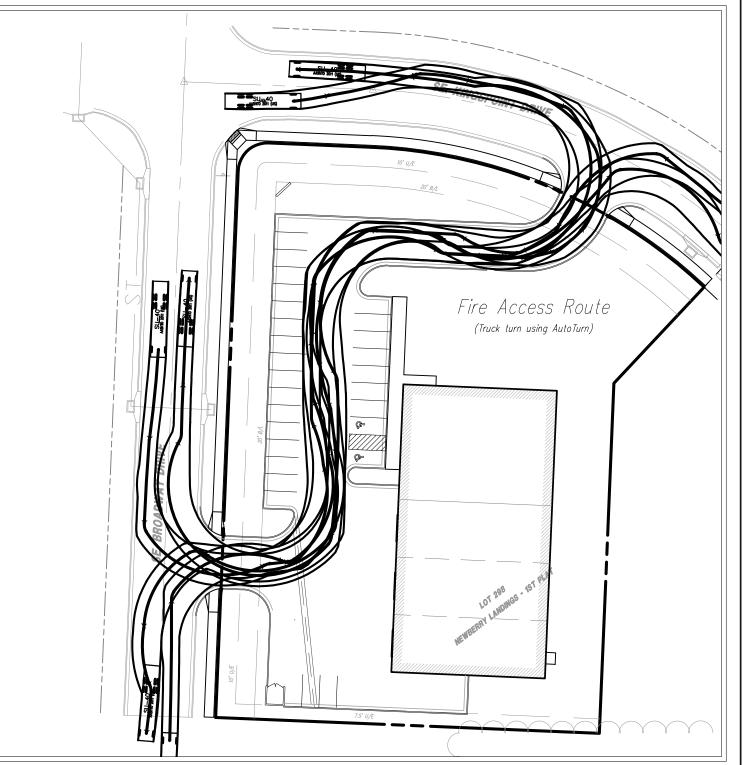
Place gravel along the front and sides

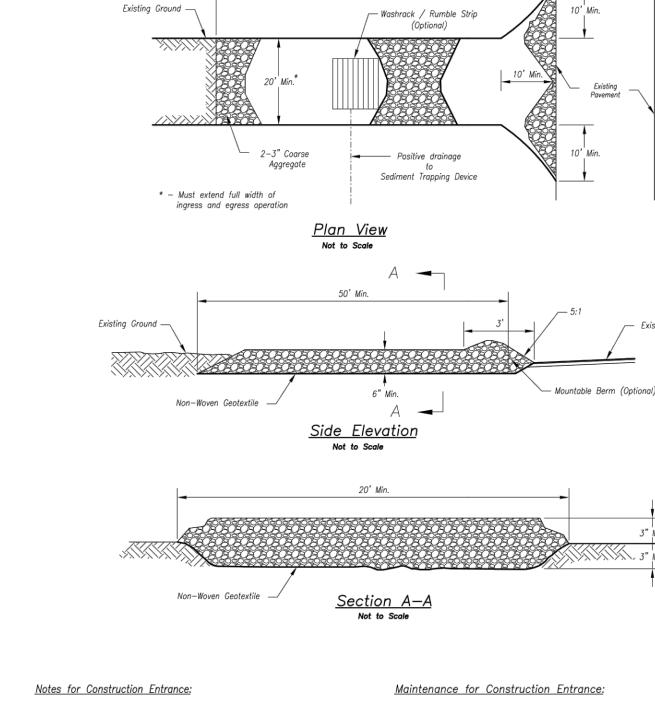
of inlet. —

8. WHITE CURING COMPOUND MUST BE APPLIÉD UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER

S	LEE'S SUMMIT  MISSOURI  PUBLIC WORKS ENGINEERING DIVISION   220 SE GREEN STREET   LEE'S SUMMIT, MO 64063	Date: 04/17
		Drawn By: MJF
		Checked By: DL
	SIDEWALK/SHARED-USE PATH DETAIL	GEN-2







- 1. Avoid locating on steep slopes, at curves on public roads, or downhill of disturbed area.
- 2. Remove all vegetation and other unsuitable material from the foundation area, grade, and crown for positive drainage.
- 3. If slope towards the public road exceeds 2%, construct a 6- to 8-inch high ridge with 3H:1V side slopes across the foundation approximately 15 feet from the edge of the public road to divert runoff from it.
- 4. Install pipe under the entrance if needed to maintain
- drainage ditches along public roads. 5. Place stone to dimensions and grade as shown on plans.

the graded foundation to improve stability.

- Leave surface sloped for drainage. 6. Divert all surface runoff and drainage from the entrance to
- a sediment control device. 7. If conditions warrant, place geotextile fabric on
- 1. Reshape entrance as needed to maintain function and integrity of Installation. Top dress with clean aggregate as needed.

CONSTRUCTION ENTRANCE

Excavated material Shall be used for perimeter berm. Soil for berm Shall be compacted in the same



CONSTRUCTION ENTRANCE Construction Entrance modified from 2015 Overland Park Standard Details for Erosion and Sediment Control; Concrete Washout modified from 2009 AND CONCRETE WASHOUT City of Great Bend Standard Drawings.

Notes for Concrete Washout:

Maintenance for Concrete Washout:

concrete washout areas shall be stabilized.

Concrete washout areas shall be installed prior to any concrete placement on site.

Vehicle tracking control is required at the access point to all concrete washout areas.

Concrete washout area shall include a flat subsurface pit sized relative to the amount of concrete to be placed on site. The slopes leading out of the subsurface pit shall be 3:1. The vehicle tracking pad shall be sloped towards the concrete washout area.

Signs shall be placed at the construction site entrance, washout area and elsewhere as necessary to clearly indicate the location(s) of the concrete washout area(s) to operators of concrete truck

A one-piece impervious liner may be required along the bottom and sides of the subsurface pit in sandy or gravelly soils.

Concrete washout materials shall be removed once the materials have filled the washout to approximately 75% full.

Concrete washout areas shall be enlarged as necessary to maintain capacity for wasted concrete.

Concrete washout water, wasted pieces of concrete and all other debris in the subsurface pit shall be transported from the job site in a water-tight container and disposed of properly.

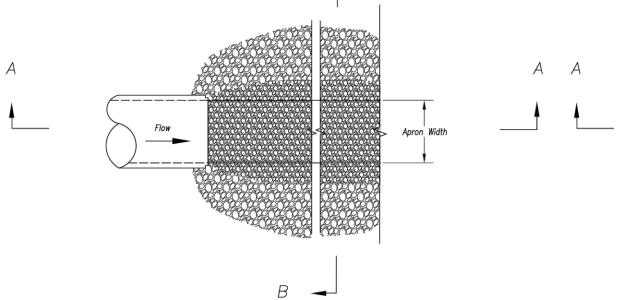
Concrete washout areas shall remain in place until all concrete for the project is placed.

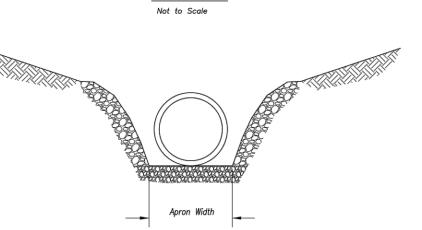
When concrete washout areas are removed, excavations shall be filled with suitable compacted backfill and topsoil, any disturbed areas associated with the installation, maintenance, and/or removal of the

CONCRETE WASHOUT

METRO CHAPTER TANDARD DRAWING NUMBER ESC-OI

ADOPTED: 10/24/2016

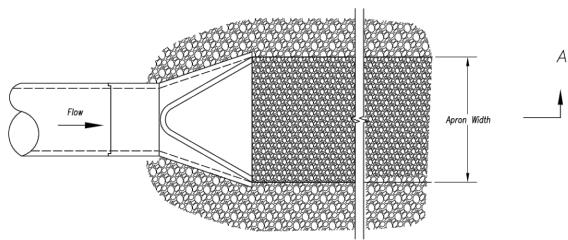




OUTLET PROTECTION W/O END SECTION

Section B-B

Not to Scale



- 3. Alternative outlet protection and slope stabilization measures may be used with approval by the Engineer.
- 4. Install riprap apron so that it is no higher than flowline of pipe. 5. Reference APWA Specification 2650 for rock type, size, and

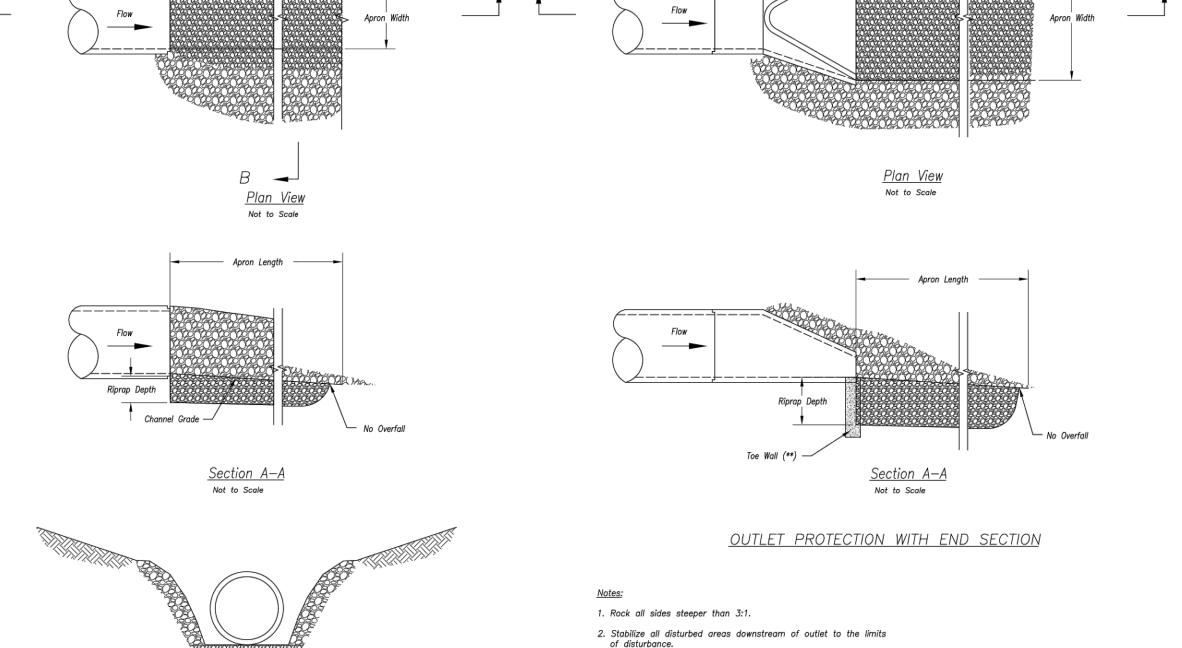
AMERICAN PUBLIC WORKS ASSOCIATION

KANSAS CITY METRO CHAPTER STANDARD DRAWING

SHEET OF

OPMENT |

DEVEL( SITE DET,



- Board wraped

- Immediately following inlet construction and prior to construction of curb and inlet throat, protect inlet opening by installing 2" X 10" (min.) board wrapped in silt fence. Structures shall have excavated storage area on all four sides to allow settling of sediment (Early Stage Curb Inlet).
- When inlet is completed and curb poured, filter socks or approved equal should be used (Late Stage Curb Inlet). Straw wattles are not approved for curb inlet use.
- Contractor to field verify ponding water shall not create a traffic hazard.

## <u>Maintenance:</u>

- 2. Remove deposited sediment from filter socks or similar when any accumulation of

### 1. Remove deposited sediment from excavated storage areas when available storage has been reduced by 20%.

Curb & Gutter —

xcavated area surrounding inlet

3. Repair or replace as necessary to maintain function and integrity

# Sump Inlet Sediment Filter LATE STAGE CURB INLET

(After Pouring Curb and Inlet Throat)

Filter socks to be placed

On Grade Curb Inlet Protection

Filter sock is to have a tight curb contact with no gaps and extend approximately beyond inlet opening.

Height of filter sock should not be above the top of the inlet.

along curb as needed at approximately 10' interval



Front View

KANSAS CITY METRO CHAPTER

STANDARD DRAWING NUMBER ESC-06
ADOPTED:

CURB INLET PROTECTION Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

10/24/2016

Modified from 2015 Overland Park Standard Details for Erosion and Sediment Control.

OUTLET PROTECTION

17125B DRAWING NO. NUMBER ESC-14 17052 ADOPTED:

NOVEMBER 20, 2017 JOB NO. 17052

PLAN - MISSC