

Missouri Department of Transportation

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To: Nathan Juliana
Traffic Operations Supervisor – KC

CC: Josh Scott, P.E, Regina Kogen, P.E.

From: Craig Skorseth, P.E.
Senior Highway Designer - KC

Date: 10/06/2022

Subject: Permit Review Route RA Improvements @ The Retreat at Bailey Farms

Nathan,

After reviewing the above permit, please see below for comments:

SE Ranson Road West Ditch Drainage

1. Change 4'x4' field inlet (per Lee's Summit Specifications) to MoDOT Drop Inlet Type S-1. The raised field inlet this close to the road is creating a safety issue for vehicles. Below are standard sizes for drop inlets Type S-1.

3	2	E, S-1
3	3	
5	2	S-2, S-3
5	3	

2. Replace existing 30" CMP with 30" Pipe instead of 24" pipe extension under Route RA if developer wants to connect to the existing pipe. The existing 30" CMP has a crushed outlet and is beyond its service life of 50 years (constructed 1973). It was hard to tell from the field, but it appeared to have a rusted surface. See attached as-built plans for road/pipe.

