

STORM DRAIN BOXES on Ranch Place Road. Inspected June 18, 2020 by Clay & Lucy Archer, Bradley Hornsby.



SOUTH SD box near SS Lot 138 SW Corner on Ranch Place (road) and Willow Lane. Square steel lid.



Inside the South SD box- **found completely dry and empty.** Ribbed steel lid. Possible proposed catch basin for Willow Lane.



South SD box , 56" from ground to plywood divider + 12" up to road, total 68". **No inlets or outlets.**



NORTH SD Box – 130' north from South SD Box. In front of Lot 154. May be catch basins for this road.



Inside North SD Box – **found it full of murky, immiscible street water.** 30" from ground to plywood divider; 14" from plywood to road. Total 44".



Inside of north SD Box. Stagnant, stinky, murky water was scooped out and also drained. **No visible inlets or outlets.**

The Segment B SOUTH SD BOX steel cover, surrounded by a 48" by 52" cement collar, set into the 2019 resurfaced asphalt street was lifted out. Under the cover we found a cement infused wood form, and a plywood platform installed parallel to the lid. A hole in the plywood divider platform allowed us to measure the total depth of this storm drain, found to be 68 inches.

MH 6B tube line, according to the Underdrain map, turns north to the corner intersection of lots 154 and 155, then turns east under Ranch Place (road) to this South box. If MH 7B had been installed, according to the Underdrain map, its water flow would have gone directly into the South SD Box. The outlet of the South SD box would then have delivered water flow downhill to the North SD Box. The Under drain line from MH 8B, would have flowed to MH7B (had it been built) then to the South SD Box.

The County is pretty sure the underdrain segment along Willow Lane and manhole 7B were never completed. The questions: 1) does any water cumulatively flow from segment B manholes 1B to 6B to drain into one of several nearby manholes? Or 2) does the flow from 1B to 6B wend its way underground to reach and pass 6B, onto a possible steel conduit directly to the Ranch Place Parcel C? Here it would discharge flow via a steel DAYLIGHT pipe. Our observations are that very minimal flow occurs from the RP-C pipe during winter and early spring. By June no flow from the steel pipe exists.

If Segment B is not discharging water from any outlet tube, it is an indicator the manholes are either clogged or not connected to each other, or that Segment B does not have sufficient flow to move along the concealed underground path, thereby confirming Segment B is incomplete and/or nonfunctional.