DESIGN AUTOMATION BULLETIN 2019-01

SUBJECT: Existing Wetlands Linestyle

DATE: October 30, 2019

In an effort to improve the legibility of the "wetlands" linestyle for permitting reviews and construction, the "wetlands" linestyle depicted on the roadway construction plans should **no longer be dithered** with the existing surveyed topographical information.

The "wetlands" linestyle will now be placed on the newly created level RD_EV_EX_Wetlands for all new projects to minimize the amount of manual plotting adjustments. See Attachment. For existing projects, the designer can manually move the wetlands to the new level or add a command script to the project pen table to ensure the linestyle is **not dithered** and is set to a **weight of 2**.

The Cadd Design workspace files (RoadDesignLN.dgnlib and scdotV8.smd) have been updated on the internal network server. Externally, consultants can download the DGN Libraries and Geopak Survey (smd) *.zip files found on the Cadd Design webpage under the Business portion of the Department's internet website, www.scdot.org.

Effective Immediately

_____   _____
Iris Neal, P.E.   Effective Date
Design Automation Engineer

IFN
Attachment
ec:

John Boylston, Director of Preconstruction	Jennifer Necker, RPG Engineer - Lowcountry
Robbie Isgett, Director of Construction	Leah Quattlebaum, RPG Engineer – Pee Dee
David Cook, Director of Maintenance	Philip Sandel, RPG Engineer – Midlands
Chad Long, Director of Environmental	Julie Barker, RPG Engineer – Upstate
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File:PC/IFN

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Examples of Existing Wetlands Linestyle

New Level – RD_EV_EX_Wetlands was created to assist designers with simplifying plotting of wetland linestyles without the need for continuous pen table manipulation.
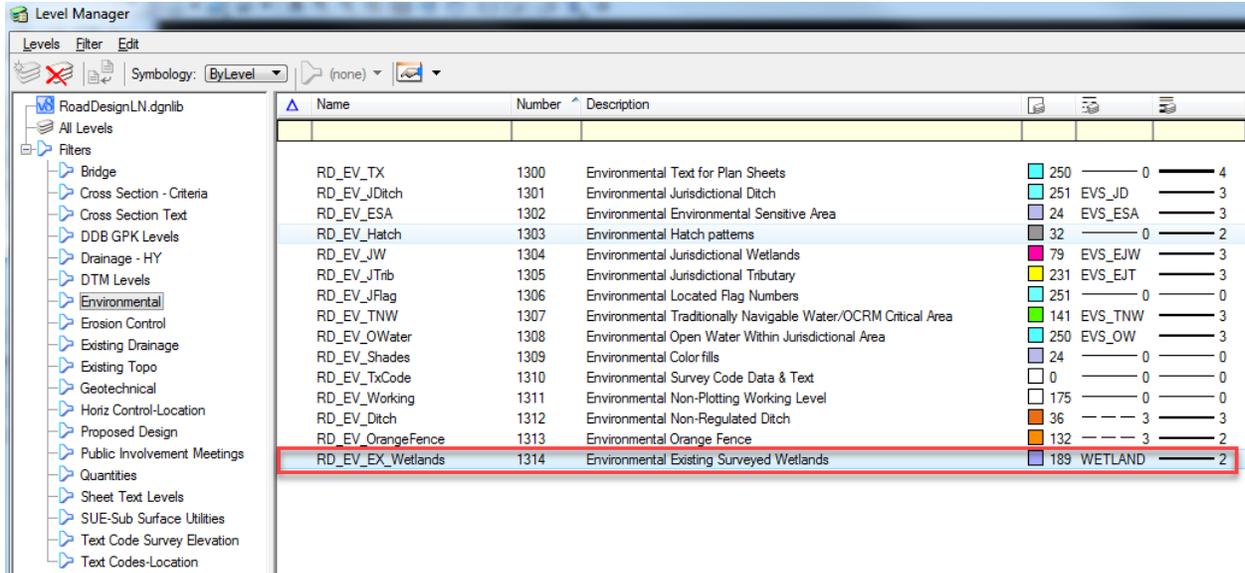
The SMD file was also updated so that new projects will draw the properly coded wetlands lines on the correct level:
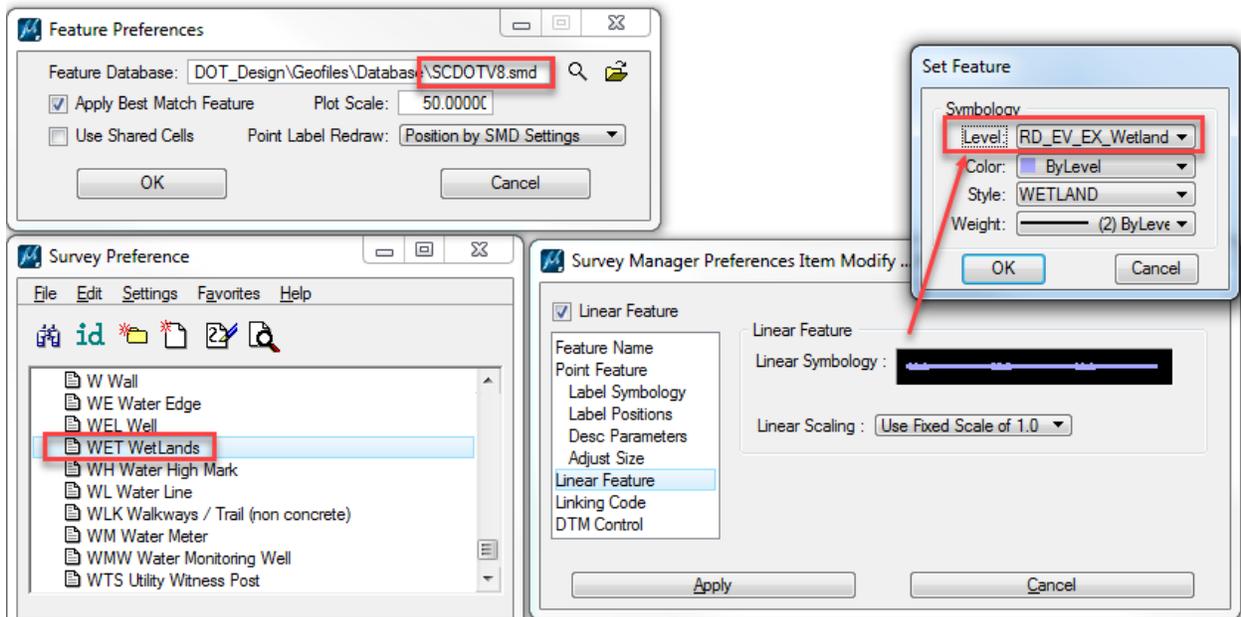
Example script for existing pen tables: (add this after any RD_EX* commands)

```
if (level_name == "RD_EX_H2O_WetLd") then
        color = (0,0,0)
        weight = 2
        priority = 1
endif
```

Current linestyle

Proposed linestyle