

MEMO

TO: District Manager
FROM: GIS/Engineering Technician
SUBJECT: ENGINEERING DEPARTMENT STATUS REPORT
DATE: November 26, 2008

RECOMMENDATION:

It is recommended that the Board of Directors review and file the Engineering Department status report for the week ending November 28, 2008.

BACKGROUND:

SLVWD AREA AERIAL PHOTOGRAPHY

Staff met with the S.C. County GIS Dept. and received a hard drive containing the new high resolution aerial photography. The aerial data has been created in three different file formats: tiff, jpeg, and mr sid. Each of these formats stores the data in files of different sizes. The total size of the dataset is close to half a terabyte (500 gigabytes).

FELTON AREA WATER DISTRIBUTION SYSTEM MAPPING

Staff is continuing to add the Felton water system components to our Water Distribution System GIS Mapping Project. Staff will also be working with the Operations Dept. to identify and create mapping for the different pressure zones within the Felton water system area.

BULL CREEK BRIDGE PROJECT – HILLSIDE DR. – FELTON

Staff is providing technical assistance to the Operations Department and engineers for Cal-Am Water for the construction of a bridge, access road and pipeline that will cross Bull Creek.

ADDITIONAL PROJECTS

Staff is preparing several new meter installation reviews.

Rob Menzies
GIS/Engineering Technician