

## 16\_09 Data Field Limitations on Profile Hydraulic Data Cells

### Question:

Could the cell for Structure Hydraulic Data be modified to accommodate more characters in the data fields? This happens to be a mountain project and I need more spaces so as to put the elevations, etc. in. Now, with four or more characters, it overlaps the unit.

### Answer:

Two problems exist with the request.

1. The data fields overlap the unit labels.
2. Current data fields are limited to 7 characters per line.

STRUCTURE HYDRAULIC DATA		STRUCTURE HYDRAULIC DATA	
DESIGN DISCHARGE	= 8141 CFS	DESIGN DISCHARGE	= 123456 CFS
DESIGN FREQUENCY	= 10 YRS	DESIGN FREQUENCY	= YRS
DESIGN HW ELEVATION	= 2837.8 FT	DESIGN HW ELEVATION	= FT
BASE DISCHARGE	= 22004 CFS	BASE DISCHARGE	= CFS
BASE FREQUENCY	= 100 YRS	BASE FREQUENCY	= YRS
BASE HW ELEVATION	= 2845.5 FT	BASE HW ELEVATION	= FT
OVERTOPPING DISCHARGE	= 14000 CFS	OVERTOPPING DISCHARGE	= CFS
OVERTOPPING FREQUENCY	= 50 YRS	OVERTOPPING FREQUENCY	= YRS
OVERTOPPING ELEVATION	= 2840.7 FT	OVERTOPPING ELEVATION	= FT

These are the two solutions for this request.

1. Without changing the original size of the Hydraulic Data cells, data fields are shifted so that they do not overlap the unit labels. 2. Base number of characters per data field line have been adjusted accordingly.

- Discharge rates and elevations data fields increased from 7 to 8 characters.
- Frequency periods data fields are reduced from 7 to 3 characters.

STRUCTURE HYDRAULIC DATA	
DESIGN DISCHARGE	= CFS
DESIGN FREQUENCY	= YRS
DESIGN HW ELEVATION	= FT
BASE DISCHARGE	= CFS
BASE FREQUENCY	= YRS
BASE HW ELEVATION	= FT
OVERTOPPING DISCHARGE	= CFS
OVERTOPPING FREQUENCY	= YRS
OVERTOPPING ELEVATION	= FT

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In addition, along with the Structure Hydraulic Data cell, the Bridge Hydraulic Data, the Culvert Hydraulic Data, and the Pipe Hydraulic Data cells have been modified in the same manner.