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left Our bung

re Scale is lin to

measure at

end 98 The line

	Reaches Continued
The cost by	- Next you will put the info into the corpisponding XS, where it says downstream reach lengths
all done in section barra	the Phanning's He that Station 48 it put in the Phanning's Hes then click the down arrow it will aid a pay to the heat value.
This is	
	My that you make a Change either thick apply data or click the up or down aros , t will apply you will know it a prival cause the Changes will go from no to back
	Bank Stations
(Bank Stations represent where the bank of a hier is. The the cross section editor click The graphical
	How will then Click the button with a real circle this allows you to select the first point it will
butto 3	Select the left bank first you can the press 7 [X-RB] to make right bank to appear.

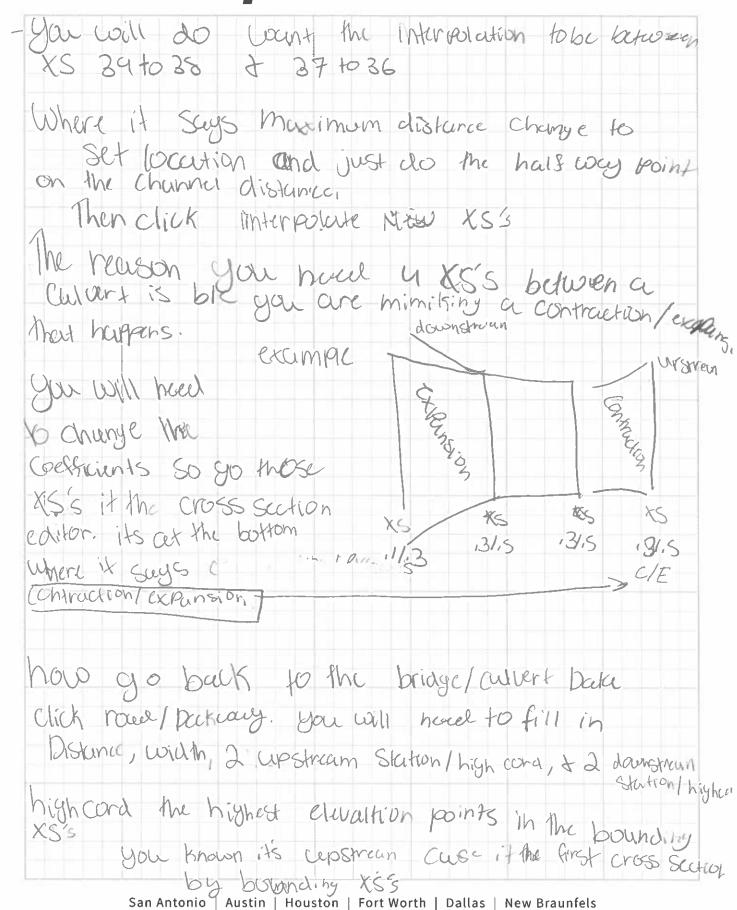
Bunk Stations continued.
Typically the bounk Station sit where the Channel goes through you want he had dots to sit on either side of the cross section & river Example of how
Example Example Cross Section Cauld God Cross Section Cauld God Cross Section Cauld God
bankskyth river!
cross secion 1
At this point save the geometry dute this is the Deva we've been creating. -file -s sur geometry duta - give it a brame ex; yeo dute
Then Save the project on the prain interface file -> Sava project give it a name ex! Buckbrush
Then exit out of program completly This will force Hec-Res to reposition The cross Sections on the river. If Predolem message profession
reopen the site.
n -

Running Herkut Most well care setting our to run the fill without the allerts. Click the button -> [2-1] < Standy flow buty enter 2 profiles a this is must to treach boundry conditions Sour first one will be cet 20005 the secound one will be at \$50 css has dick reach loaunary conditions you want his to run at normal depth To And In apstración bed Slope XS4, -XSus etamo Redocumel distance To find the downstream bed Slope \$534-4533 Edewa Channel distance The elevation values incred to be The bottom of the champer. Imput those Dopes. Then file -> Save Slaw excette - whatever name button Next click 15/2 Proform Stewy flow Simulation Van flow regime as mirren. It should run is not there is a problem of Messaye professor.

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next on main interface < very important Click file -> sure rapajed as Save name as like buck brush wash w/ culturts. This will make a poyect with the current grandy data so you don't have to Sheinge Curything except for what I ham about to tell you. To back to the Geometry ceritor You are adding a cultert between 37 + 38 10 do this click bridy/culout prostant Thun go to opplions - add bridger and Mame it 37.5 < his will put it between cross Segion 37 + 38. You will haved bounding cross sections 37 & 38 will be the bonding cross section. This 15 because you had 60 ft between 37+ 38 01 18asi you will also need two more cross section These are on the other sul & 374 38. TO do this Tools -> 15 interpolation > between 2xs's

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| PAPE-DAWSON

Culvert Continued THE ENGINEERS Olich Chlurt on bridge allune Duta CHU4 Change Shape to box Span I Rise Set by yourself con't be over the alekany Distance between as this is the area word me advers soils * hoke you can more the Culvert length how long the culvert is should be at theast the road-Points, It's like is you excaviated the caree you want fue church loutton to sonth Click the TI button Gur Sit Plesh w) the bottom of Channel extrance loss coess, exit 1085 + 10 00 this manning's for top it will defend go to cross section + On the auturn & majurial. then graphical Eross society editor you can Then UPStream & downstream inverteles Just move the parts where you want thren 15the bottom of the Channal elevation burrels are the amount of barrels in a culuit dee Schwar 3-9 on this project Awill Create the Location Based on the centraline They Shouldn't averlap or Should have a gap between tile Sive geometry duter then repair page 4 for this one. Ifyou get an error that says knoth is to long! your culvert length + barrel length Shouldn't be over the distance San Antonio | Austin | Houston | Fort Worth | Dallas | New Braunfels

Change	ge anything	that needs	to be	Chuye
Add	inessective	NowPuths		
	77 28K Proffes	Sor.		