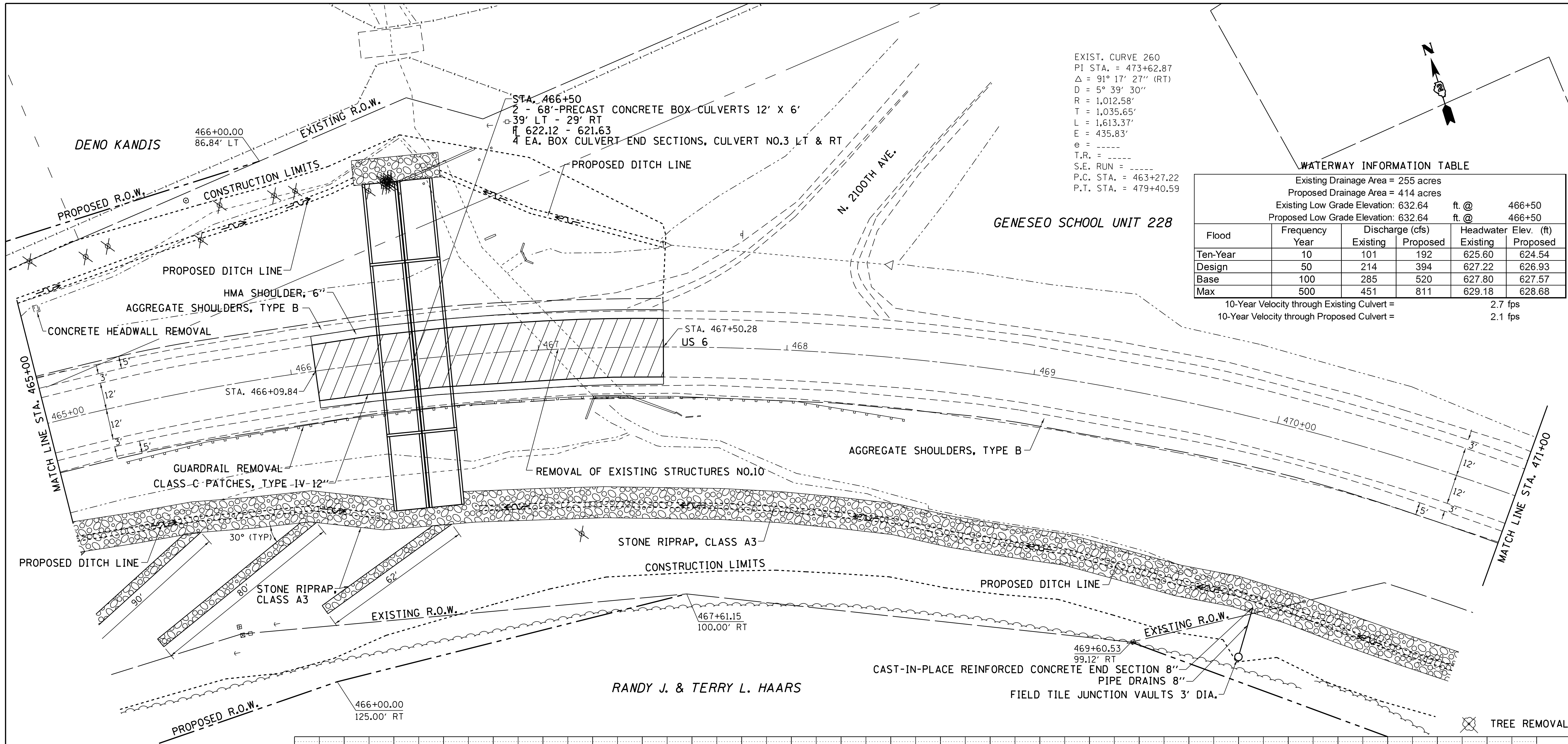


DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	CHECKED
	ALIGNED
	FILED
NOTE BOOK NO.	
CADD FILE NAME	

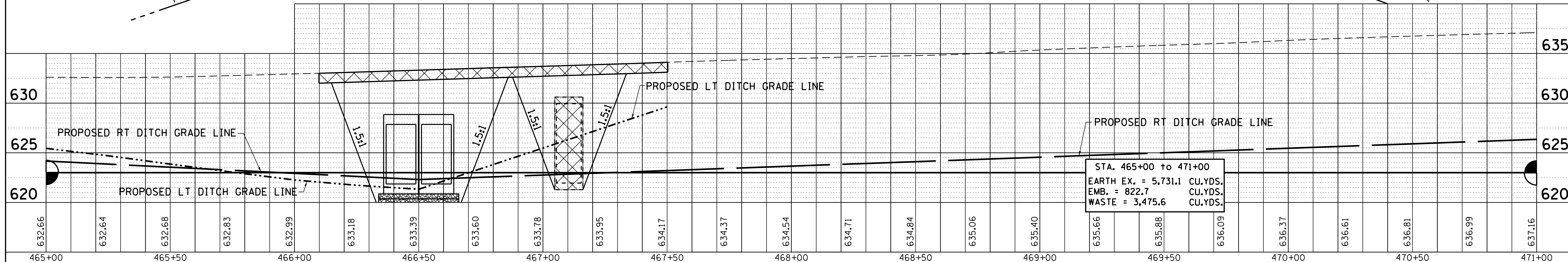
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PROFILE	SURVEYED
	PLOTTED
	CHECKED
	GRADES
	STRUCTURE
	NOTATIONS
	CHKD
NOTE BOOK NO.	
STRUCTURE	



EXIST. CURVE 260  
 PI STA. = 473+62.87  
 $\Delta = 91^\circ 17' 27''$  (RT)  
 D = 5° 39' 30"  
 R = 1,012.58'  
 T = 1,035.65'  
 L = 1,613.37'  
 E = 435.83'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 463+27.22  
 P.T. STA. = 479+40.59

**WATERWAY INFORMATION TABLE**

Existing Drainage Area = 255 acres					
Proposed Drainage Area = 414 acres					
Existing Low Grade Elevation: 632.64 ft. @ 466+50					
Proposed Low Grade Elevation: 632.64 ft. @ 466+50					
Flood Year	Frequency	Discharge (cfs)		Headwater Elev. (ft)	
		Existing	Proposed	Existing	Proposed
Ten-Year	10	101	192	625.60	624.54
Design	50	214	394	627.22	626.93
Base	100	285	520	627.80	627.57
Max	500	451	811	629.18	628.68
10-Year Velocity through Existing Culvert =					2.7 fps
10-Year Velocity through Proposed Culvert =					2.1 fps



STA. 465+00 to 471+00  
 EARTH EX. = 5,731.1 CU.YDS.  
 EMB. = 822.7 CU.YDS.  
 WASTE = 3,475.6 CU.YDS.

FILE NAME =	USER NAME = cushmanbw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US 6 PLAN &amp; PROFILE</b>	F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\cushmanbw\d01619166\0208009-shd-plnprf.dgn		DRAWN -	REVISED -			226	3T & 3BR-1	HENRY	210	38
PLOT SCALE = 20.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 64F25				
PLOT DATE = Fri Oct 19 12:40:23 2012		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				