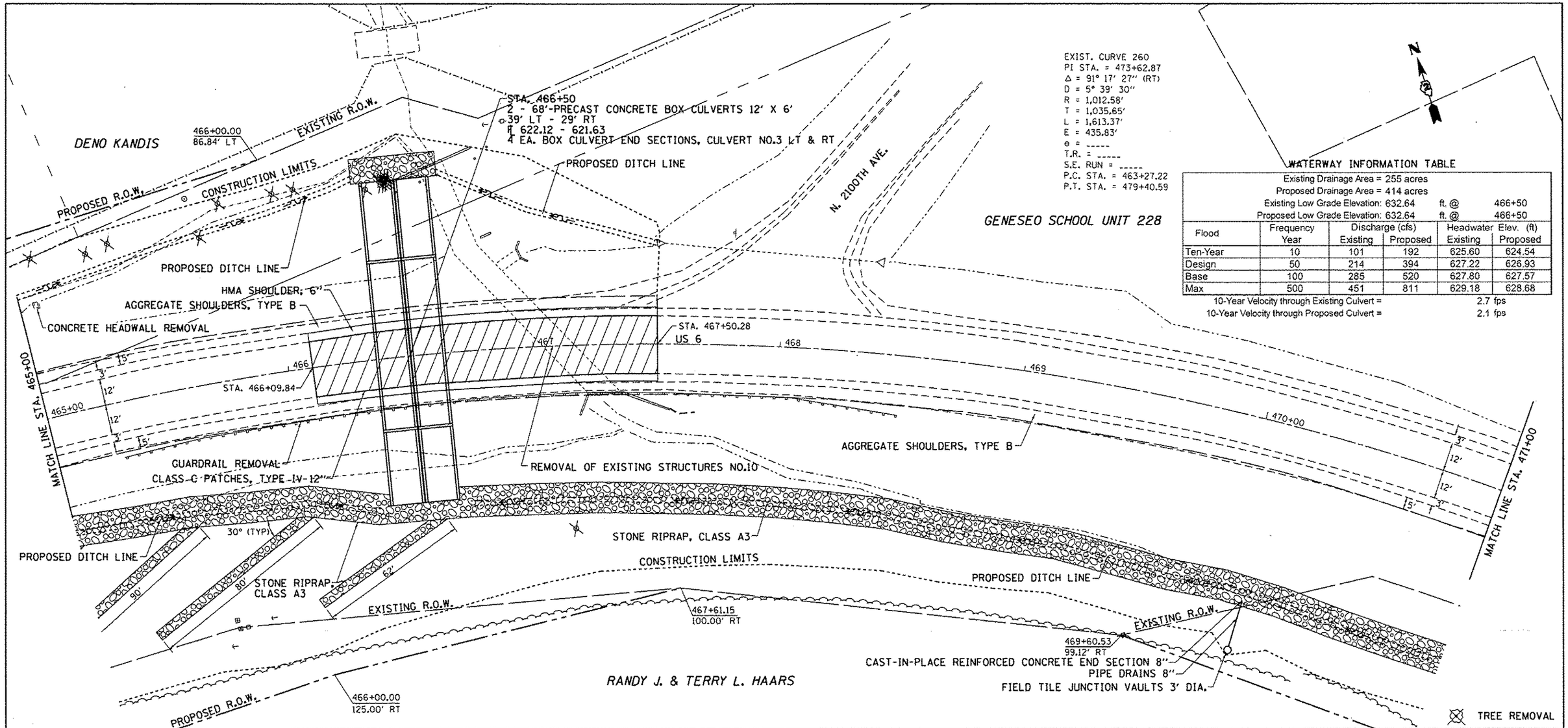

WATERWAY INFORMATION TABLE

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	Frequency Year	Discharge (cfs) Existing	Discharge (cfs) Proposed	Headwater Elev. (ft) Existing	Headwater Elev. (ft) 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

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / BAR. NOTED / STRUCTURE NOTATIONS CHKD / NOTE BOOK / NO. / BY / DATE

FILE NAME = c:\pw_work\pwidot\cushmanbw\d0169166\D208889-sht-plnprf.dgn	USER NAME = cushmanbw	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 20.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = Fri Oct 19 12:40:23 2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US 6
PLAN & PROFILE

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
226	3T & 3BR-1	HENRY	210	38

CONTRACT NO. 64F25

ILLINOIS FED. AID PROJECT