

LAURA ZIGGLER

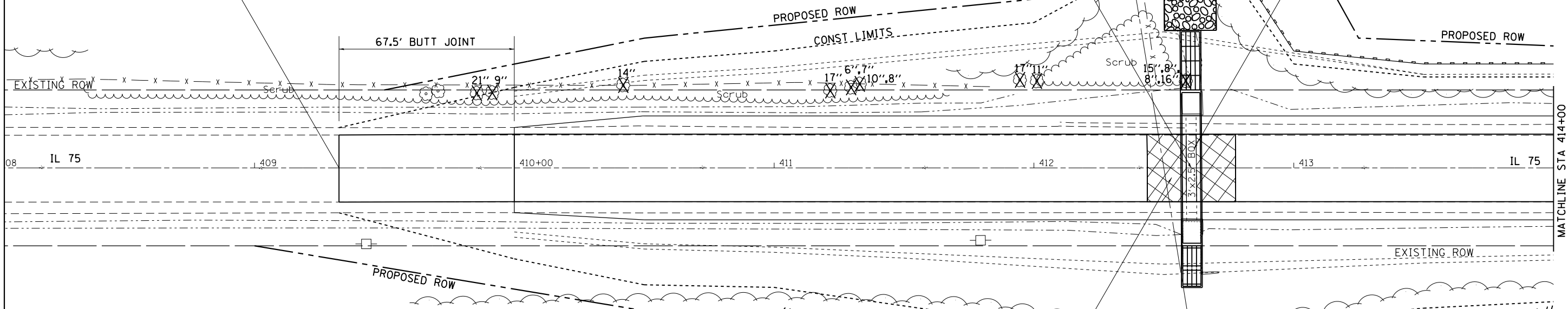
ROBERT E. AND SUSAN K. KINNEY

PROPOSED STRUCTURE (SN 101-1236)
 STA 412+60.5 30'LT to 30'RT
 60" PRECAST CONCRETE BOX CULVERT 7'X4'
 1 EACH BOX CULVERT END SECTION NO. 1
 1 EACH DROP BOX NO. 1
 U/S ELEV. = 785.85
 D/S ELEV. = 785.17

STONE RIPRAP, CLASS A4

REMOVE EXISTING CULVERT (SN 101-1039)
 STA 412+60.5
 41' DOUBLE CELL 3'X2.5' BOX CULVERT

IMPROVEMENT BEGINS
 STA 409+32.5

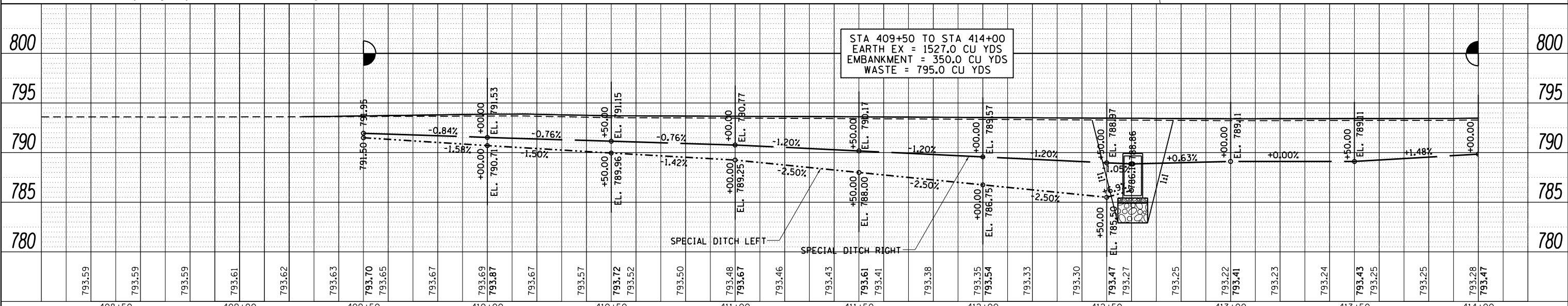
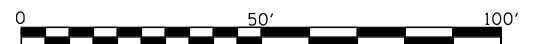


Drainage Area = 55.0		acres	
Existing Low Grade Elevation:	791.95	ft.	409 + 63
Proposed Low Grade Elevation:	791.95	ft.	409 + 63
Flood	Frequency	Discharge	Headwater Elev. (ft)
	Year	cfs	Existing Proposed
OVT (Existing)	2	77	791.95 -
Ten-Year	10	114	- 790.34
Design	50	166	- 790.83
Base	100	193	- 791.51
OVT (Proposed)	143	208	- 791.95

10-Year Velocity through Existing Culvert = 9.6 fps
 10-Year Velocity through Proposed Culvert = 8.9 fps

JAMES AND SHIRLEY SWEET,
 TRUSTEES

PAVEMENT REMOVAL
 TREE REMOVAL



FILE NAME =	USER NAME = dtzlerse	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 75 PLAN & PROFILE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Scale = 40.0000' / in.	CHECKED -	REVISED -			505	(W-15D)T-2	WINNEBAGO	41	20	
	Plot Date = Wed Oct 02 08:55:07 2013	DATE -	REVISED -			CONTRACT NO. 64H04					
						ILLINOIS FED. AID PROJECT					

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	