Existing Drainage Area = 121.0 Acres Existing Low Grade Elevation: 818.95' @ 2472+50 Proposed Low Grade Elevation: 818.95' @ 2472+50				
Flood	Frequency	Discharge	Headwater Elev. (ft)	
	Year	cfs	Existing	Proposed
Ten Year	10	72	817.08	814.58
Design	50	148	817.45	816.06
Base	100	195	817.75	817.13
Max Calc	500	355	818.91	
PR Overtopping	238	270		818.95
10-Year Velocity through Existing Culvert = 11.2 fps				
10-Year Velocity through Proposed Culvert = 7.0 fps				

DOROTHY & BARBARA WIEMAN

EXISTING ROW

PROPOSED ROW

CONSTRUCTION LIMITS

STA 2472+75
DROP BOX NO. 1
WEIR ELEV. - 813.27

STA 2472+29.3 - 2475+98.5
TEMPORARY PAVEMENT TO REMAIN IN PLACE

STA 2472+75
PRECAST CONCRETE BOX CULVERT 8' x 4'

STA 2472+44.5 - 2473+05.5
CLASS C PATCH, TYPE IV, 12"

FILLING OF EXISTING STRUCTURE

2469 2470+00 2471 2472 2473 2474

STA 2473+00
CONCRETE HEADWALL REMOVAL

STA 2472+44.3 - 2473+05.7 RT
AGGREGATE SHOULDERS, TYPE B 6"

STA 2472+75
BOX CULVERT END SECTION, CULVERT NO. 01

EXISTING ROW

PROPOSED ROW

CONSTRUCTION LIMITS

STA 2472+75
90' - 8' X 4'
45.0° LT/RT
FL 810.77 - 810.27

MATCHLINE STA. 2474+50

JOSEPH & CORINNE SESTER

LAMAR STUDSTILL, et al

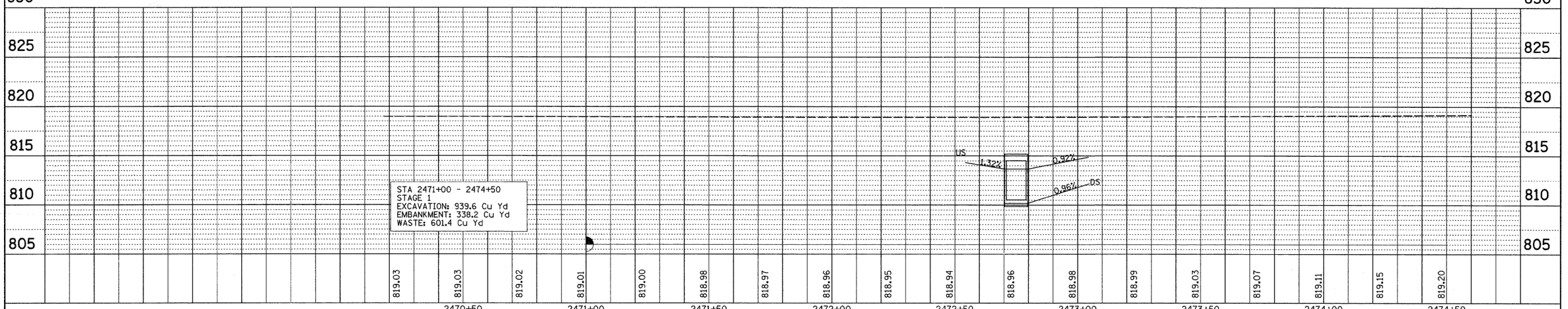
X TREE REMOVAL

TREE REMOVAL, ACRES

PROPERTY LINE

PLAN
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
DRAWN
CHECKED
R.P. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
DRAWN
CHECKED
BAM. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE



FILE NAME =	USER NAME = fordjd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 251							
c:\pw_work\pwidot\fordjd\dms33877\D264A07-sht-plnprf.dgn		DRAWN -	REVISED -						F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 20.000 ' / IN.	CHECKED -	REVISED -						1177	111T	LASALLE	59	24
	PLOT DATE = Wed Dec 24 14:10:11 2008	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.			CONTRACT NO. 64A07		
									FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		