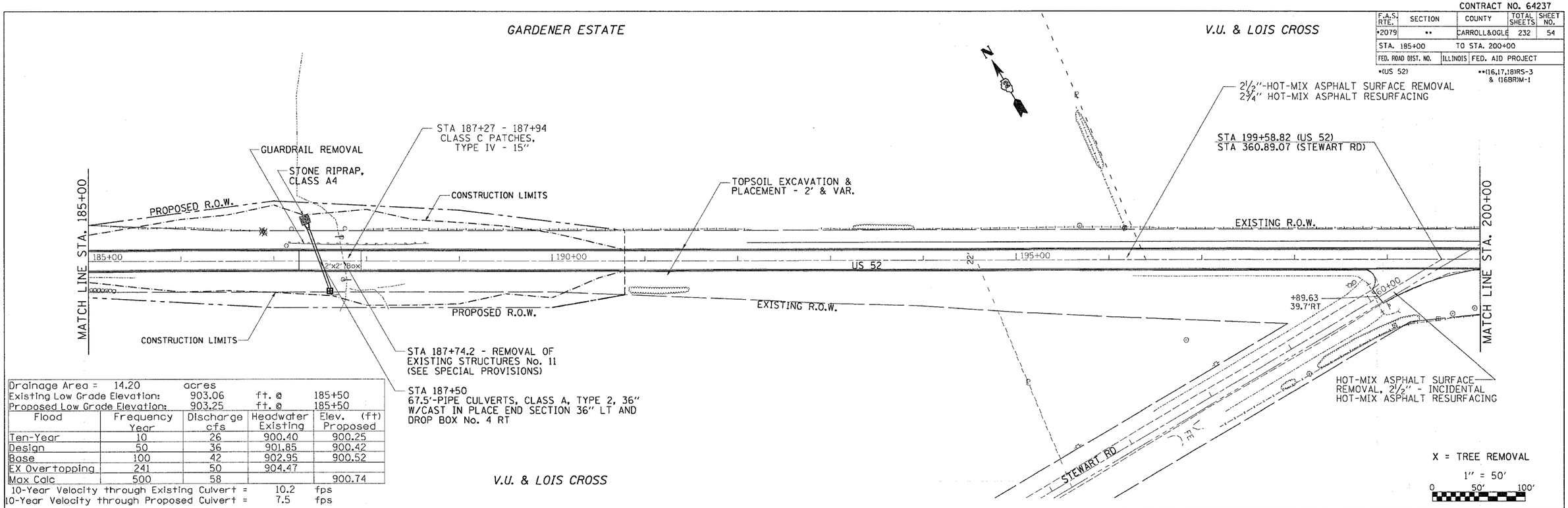
CONTRACT NO. 64237

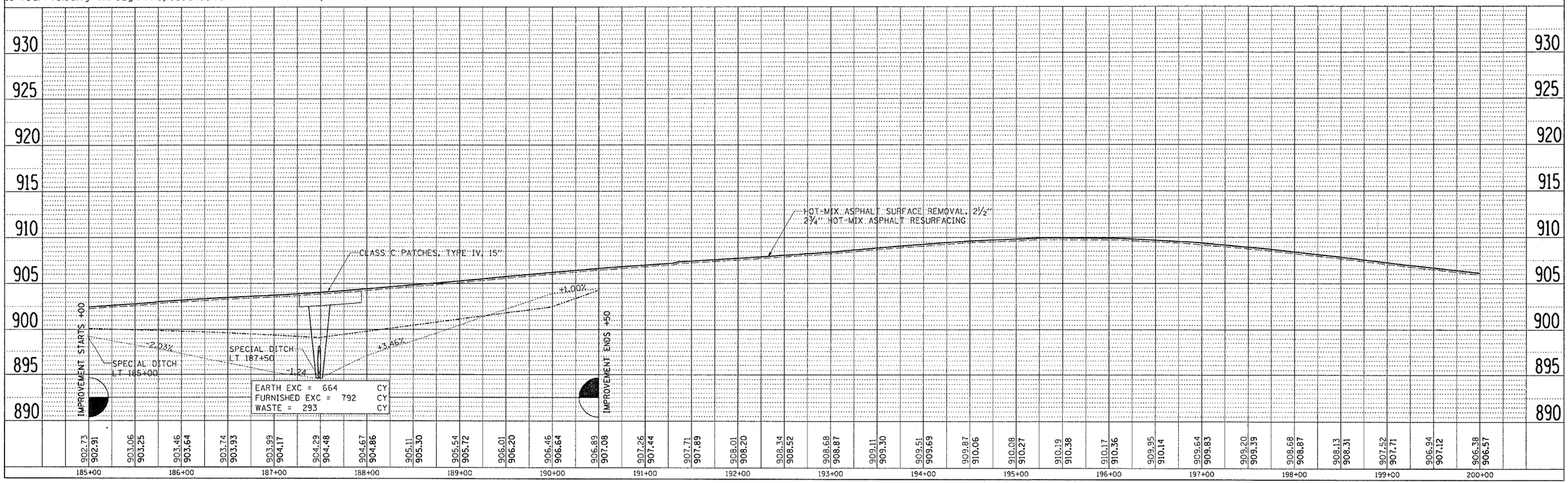
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*2079	**	CARROLL&OGLE	232	54
STA. 185+00		TO STA. 200+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*(US 52) **(16,17,18)RS-3 & (16BR)M-1



Drainage Area = 14.20		acres		
Existing Low Grade Elevation:		903.06	ft. @	185+50
Proposed Low Grade Elevation:		903.25	ft. @	185+50
Flood	Frequency Year	Discharge cfs	Headwater Existing	Elev. (ft) Proposed
Ten-Year	10	26	900.40	900.25
Design	50	36	901.85	900.42
Base	100	42	902.95	900.52
EX Overtopping	241	50	904.47	
Max Calc	500	58		900.74
10-Year Velocity through Existing Culvert =			10.2	fps
10-Year Velocity through Proposed Culvert =			7.5	fps

PLAN — SURVEYED / PLOTTED / ALIGNMENT / R.O.W. CHECKED / BAL. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. ____ — BY — DATE



PROFILE — SURVEYED / PLOTTED / ALIGNMENT CHECKED / BAL. NOTED / STRUCTURE NOTATIONS CHKD — NOTE BOOK NO. ____ — BY — DATE

PLOT DATE = Thu Mar 08 08:32:48 2007
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PLOT SCALE = 50.0000 ' / IN.
USER NAME = dsmith

US RTE 52
PLAN & PROFILE