

BENCH MARK		
STA.	DESCRIPTION	ELEV.
9+11	CHISELED "D" W/YELLOW PAINT S.E. WING WALL 10' RT.	1435.92

DESIGN DATA

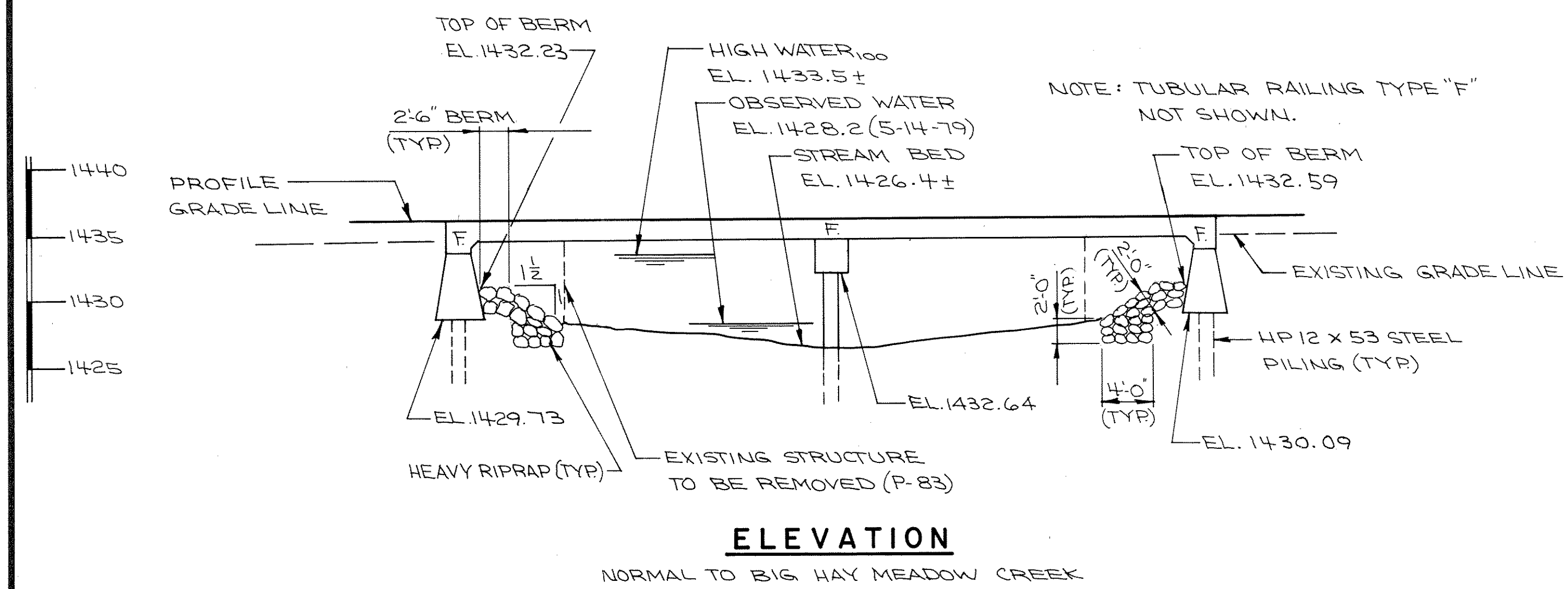
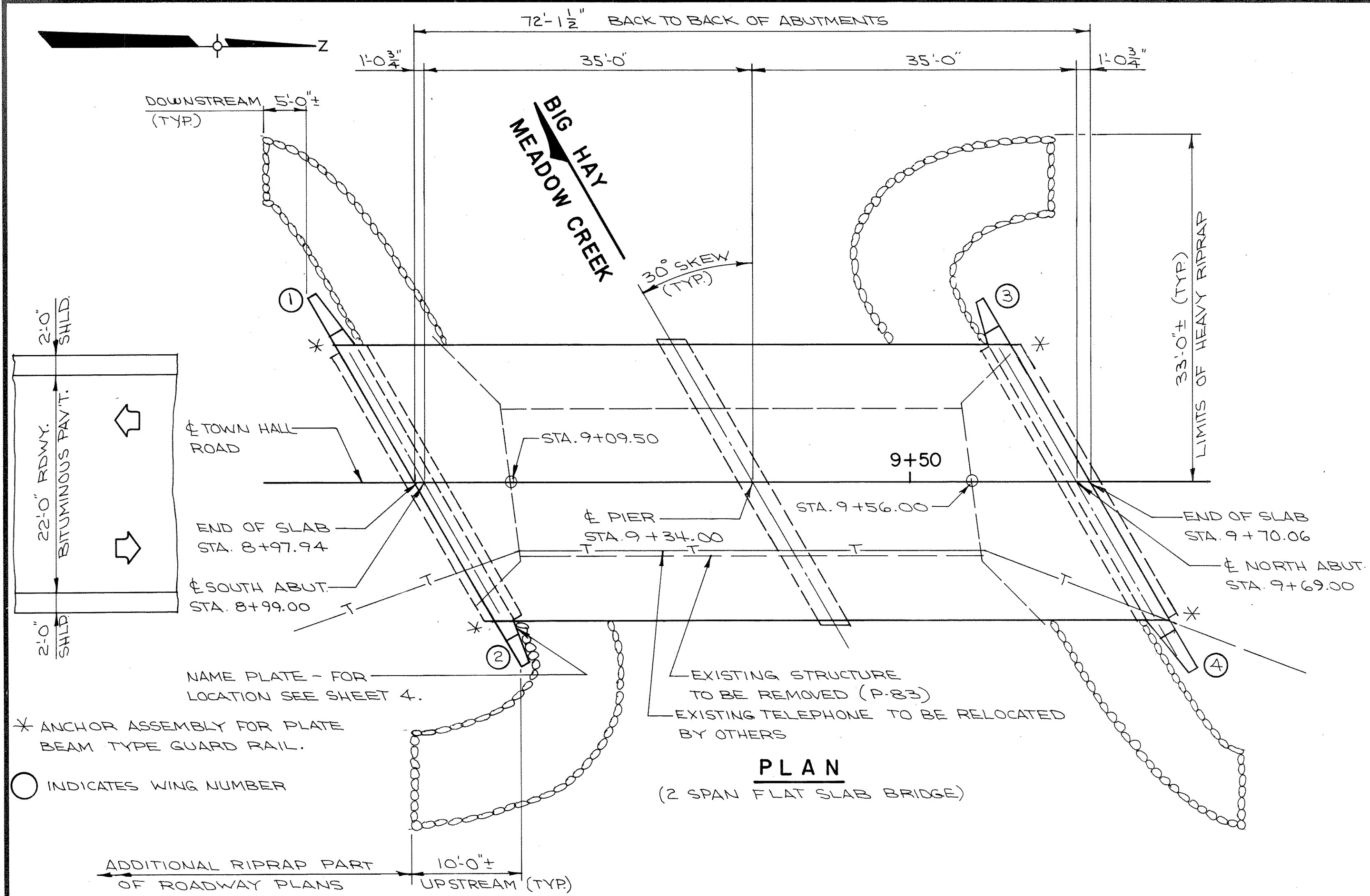
LIVE LOAD:
 DESIGN RATING: H20
 INVENTORY RATING: H23
 OPERATIONAL RATING: HS37
 STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

ALLOWABLE DESIGN STRESSES:
 CONCRETE MASONRY SLAB $f'_c = 4,000$ P.S.I.
 ALL OTHER $f'_c = 3,500$ P.S.I.
 HIGH STRENGTH BAR STEEL REINFORCEMENT $f_y = 60,000$ P.S.I.

FOUNDATION DATA:
 ABUTMENTS AND PIER TO BE SUPPORTED ON HP12 X 53 STEEL PILING DRIVEN TO A MIN. BRG. VALUE OF 55 TONS PER PILE. ESTIMATED LENGTH OF 30'-0" AT ABUTMENTS AND PIER.

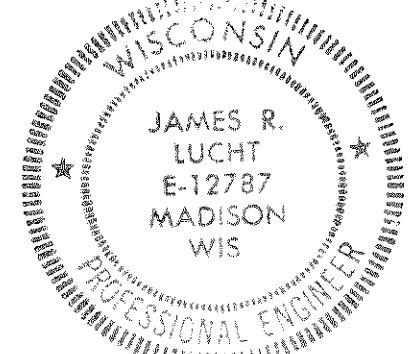
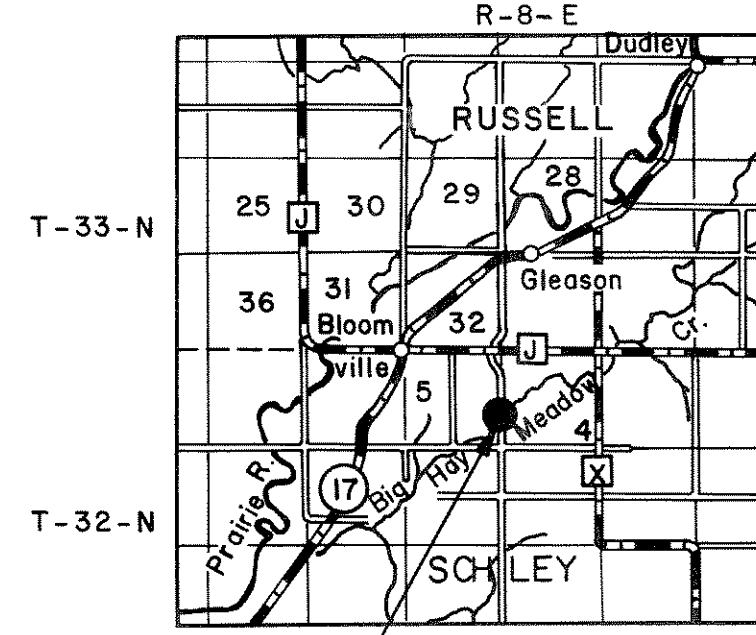
HYDRAULIC DATA:
 100 YEAR FREQUENCY $Q_{100} = 1,600$ C.F.S.
 DRAINAGE AREA = 34.1 SQ. MI.
 WATERWAY AREA = 221 SQ. FT.
 VELOCITY = 7.2 F.P.S.
 HIGH WATER₁₀₀ ELEVATION = 1433.5

TRAFFIC DATA:
 A.D.T. (1980) = 134
 A.D.T. (2000) = 242
 DESIGN SPEED = 50 M.P.H.



LIST OF DRAWINGS

- 1- GENERAL PLAN _____ X64831
- 2- GENERAL PLAN _____ X64832
- 3- SUBSURFACE EXPLORATION _____ X64833
- 4- SOUTH ABUTMENT _____ X64834
- 5- NORTH ABUTMENT _____ X64835
- 6- WING DETAILS _____ X64836
- 7- PIER _____ X64837
- 8- SUPERSTRUCTURE _____ X64838
- 9- SUPERSTRUCTURE _____ X64839
- 10- TUBULAR RAILING, TYPE F _____ X64840



James R. Lucht

No.	Date	Revision	By
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE B-35-83			
TOWN HALL ROAD OVER BIG HAY MEADOW CR.			
County	LINCOLN	Town/Village	SCHLEY
Design Spec.	A.A.S.H.T.O. 1977 & INTERIMS	Load	H-20
Designed By	PD.Z.	Checked	J.T.T.
Drawn	J.A.R.	Plans Checked	A.P.L.
Approved	Chief Bridge Engineer		Date
GENERAL PLAN			SHEET 1 OF 10
X 64831			