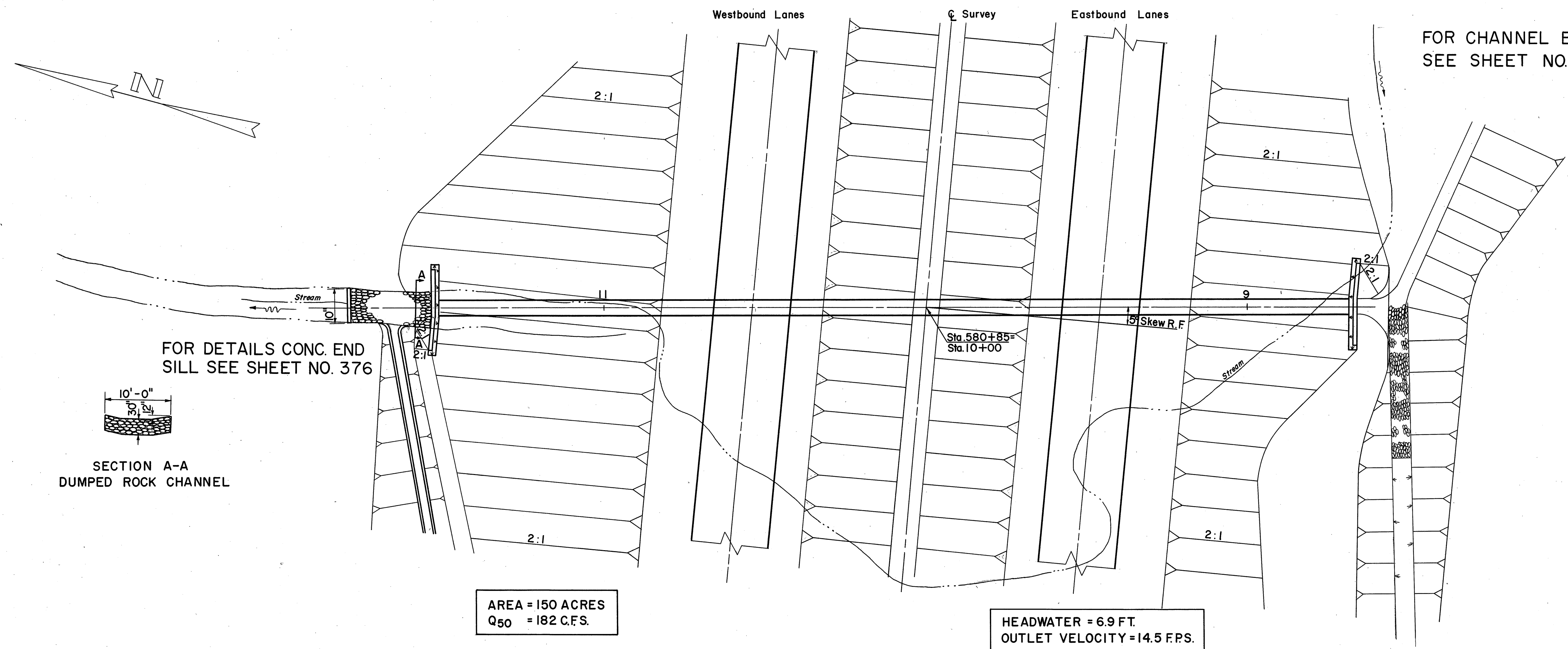
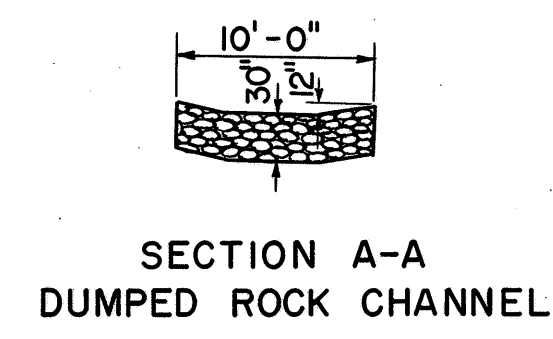


FOR CHANNEL EXC. QUANTITY
SEE SHEET NO. 19



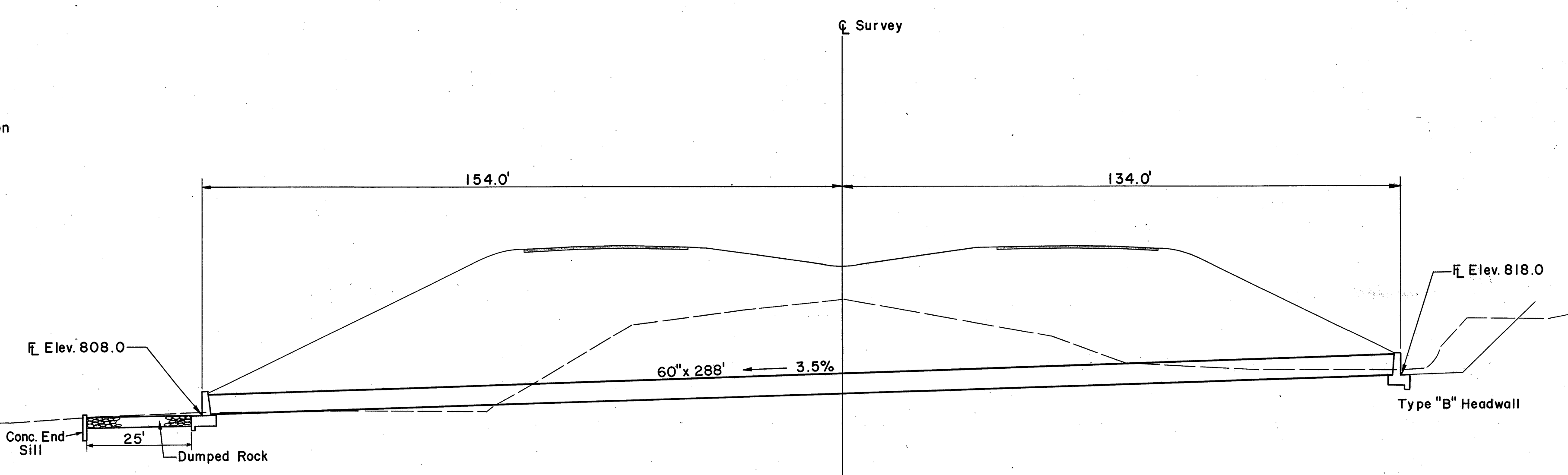
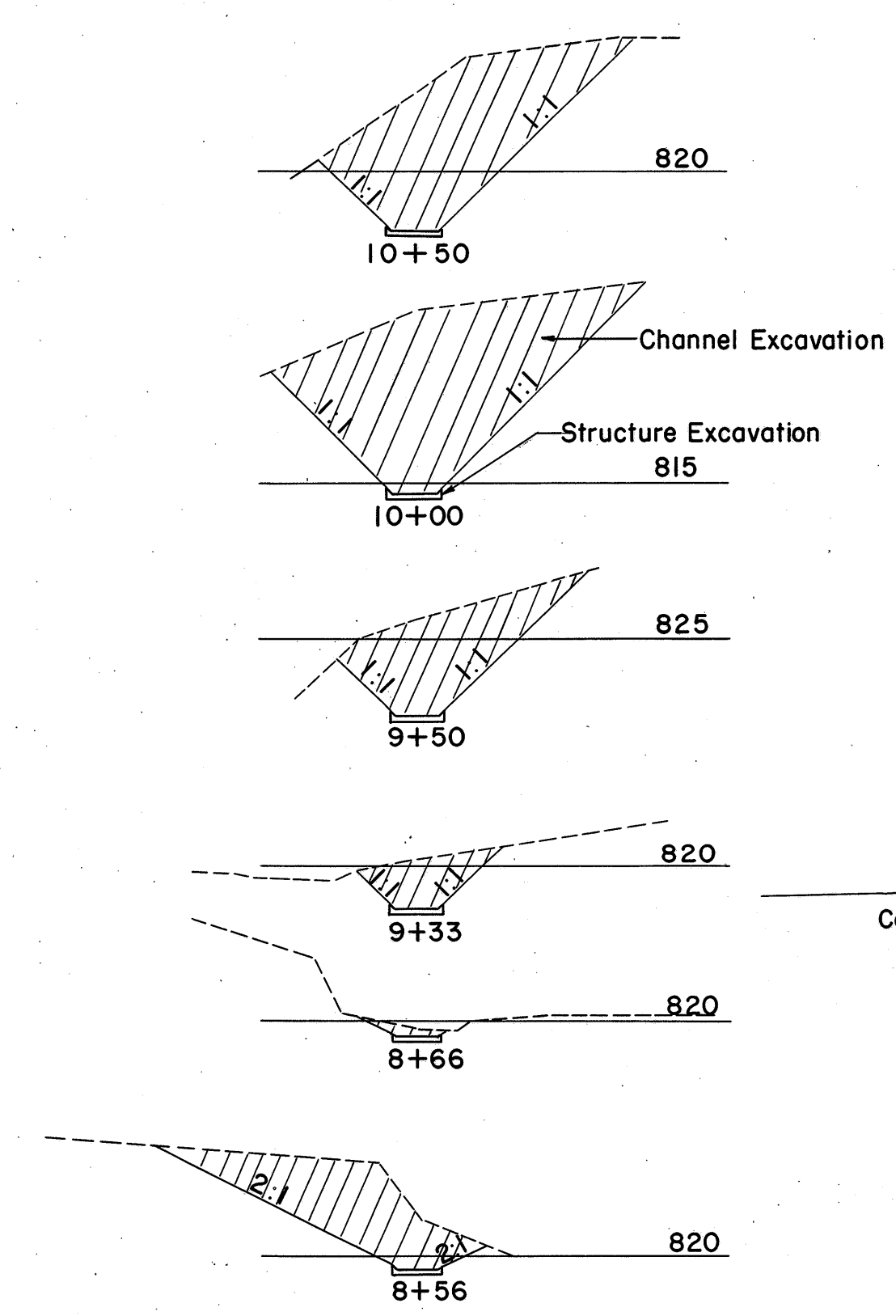
FOR DETAILS CONC. END
SILL SEE SHEET NO. 376



AREA = 150 ACRES
Q₅₀ = 182 C.F.S.

HEADWATER = 6.9 FT.
OUTLET VELOCITY = 14.5 FPS.

SCALE: 1" = 20'



ESTIMATED QUANTITIES

E-2	Excavation for Structures	80 C.Y.
S-1	Concrete for Structure Class C	44.3 C.Y. (Concrete for End Sill Included)
S-28	60" Pipe for Roadway Culvert	288 L.F.
L-10	Sodding	11 S.Y.
S-4	Reinforcing Steel	1999 Lbs.
E-3	Channel Excavation	2349 C.Y.
I-10	Dumped Rock	23 C.Y.

CULVERT DATA

TYPE: Pipe Culvert S-28 M-6.4g 10-10 Gage Type "B" Headwall
 SIZE: 60" x 288"
 WORK REQ'D: Build a Pipe Culvert with Type "B" Headwalls.
 Place dumped rock at outlet as shown with concrete end sill.