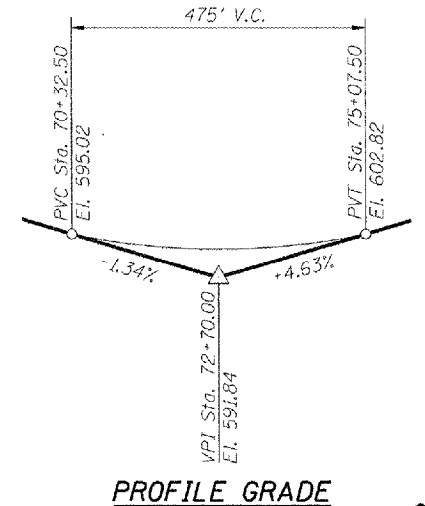
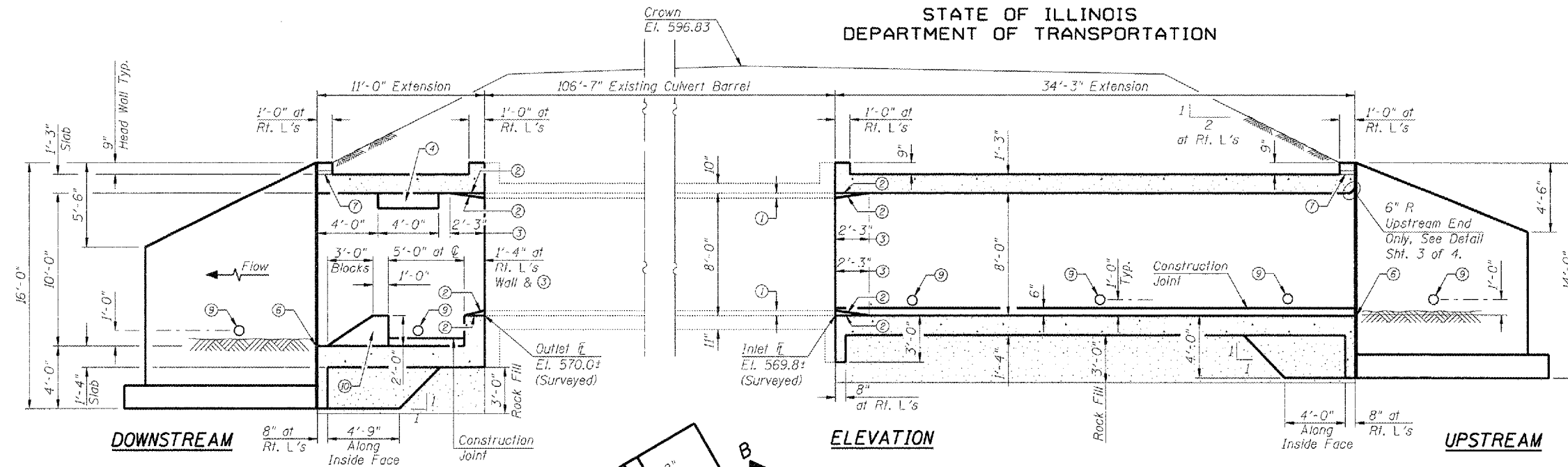


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.U.	#	Tazewell	154	93
6761				

SHEET NO. 1
4 SHEETS

*Section 04-00057-060-WR

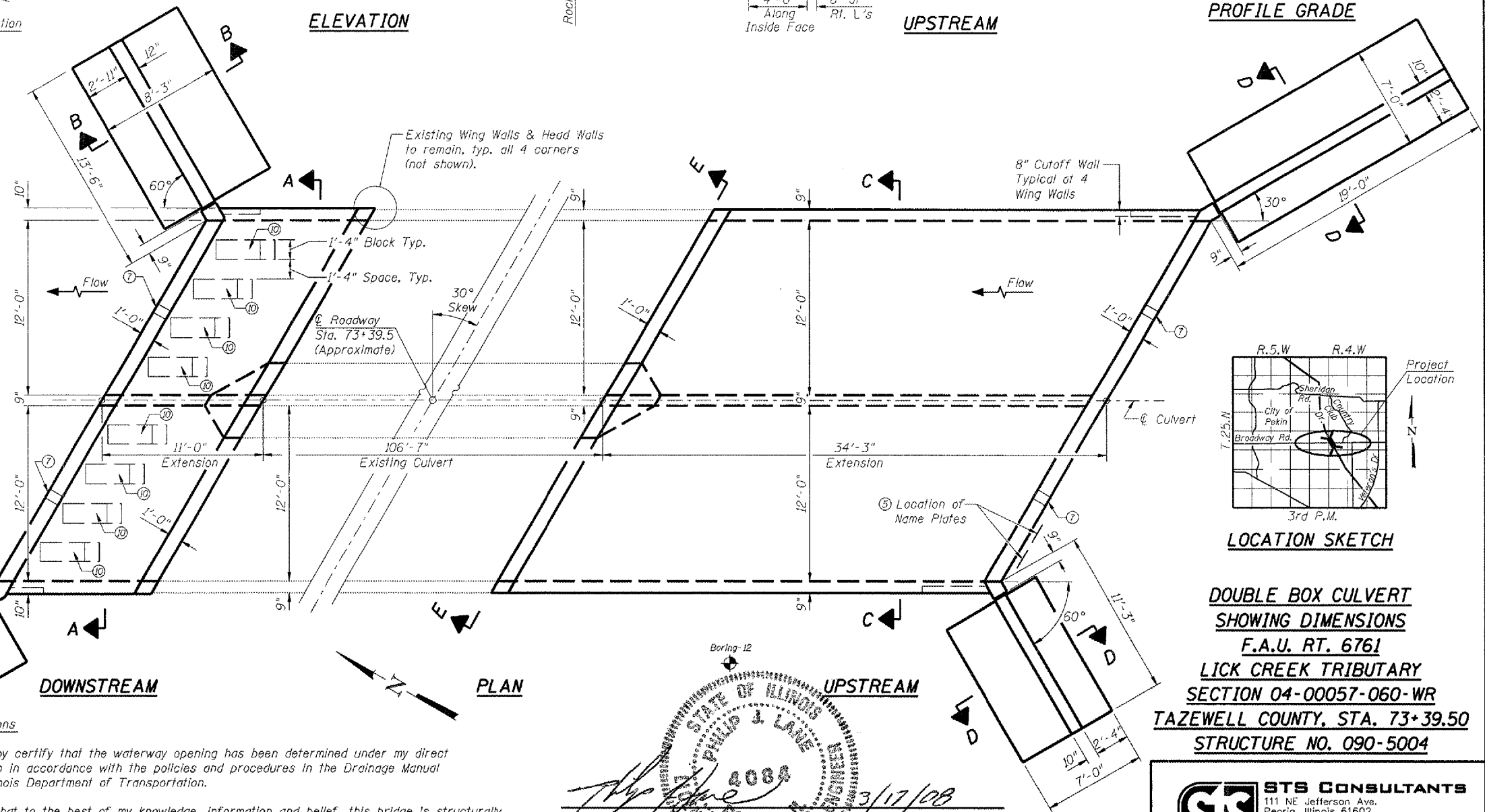


KEY NOTES

- ① Existing 4" Slab haunch at center wall, typical top and bottom slabs.
- ② Match existing flowline and underside of top slab.
- ③ Transition new flowline and underside of new top slabs to meet existing 4" slab haunch.
- ④ 1" deep x 8" high x 4'-0" long nesting notches formed in both faces of center wall of downstream extension. Notches formed by rough-finished board attached to and removed with formwork.
- ⑤ Remove existing name plate and remount it adjacent to new Name Plate on vertical face of new upstream headwall. Cost of removing and remounting the existing name plate is included in the contract unit price for the new Name Plate. See Detail Sht. 3 of 4 for new Name Plate lettering.
- ⑥ Set inlet and outlet flowline elevations at 3" below stream bed.
- ⑦ Four 3" H x 6" W formed drain openings thru upstream and downstream headwalls, located at midspan of barrels. Space reinforcing bars to miss openings min. 1/2" clear. See Details Sht. 4 of 4.
- ⑧ 3/4" Expansion Bolts shall be hooked and placed at center of existing walls and slabs. Hooked bolts shall extend a minimum of 9" into new concrete. See Section E-E, Sht. 3 of 4.
- ⑨ 3" Weep Holes at ±8'-0" O.C. Typ. side walls and wing walls.
- ⑩ 8 - 1'-4" wide outlet energy dissipator blocks with 1'-4" clear openings between blocks.

NOTES

1. See Sht. 2 of 4 for Design Stresses.
2. See Sht. 3 of 4 for Sections, General Notes, and Waterway Information.



DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL

Certifications
I do hereby certify that the waterway opening has been determined under my direct supervision in accordance with the policies and procedures in the Drainage Manual of the Illinois Department of Transportation.

I certify that to the best of my knowledge, information and belief, this bridge is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with the requirements of the current "AASHTO Standard Specifications for Highway Bridges".

Philip J. Lane
Illinois Licensed Structural Engineer
Lic. Expires: 11/30/08
Date: 3/17/08

**DOUBLE BOX CULVERT
SHOWING DIMENSIONS
F.A.U. RT. 6761
LICK CREEK TRIBUTARY
SECTION 04-00057-060-WR
TAZEWELL COUNTY, STA. 73+39.50
STRUCTURE NO. 090-5004**

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