

B.M. #47: Chiseled "L" on parapet at S.W. corner of bridge, (S.N. 072-0039), Gate Ave. over I-74. Elev. 180.451

Existing Structure: The existing structures are a two-barrel reinforced concrete box culvert and an attached reinforced concrete flume. They were built as F.A.I. Rte 74, Sec. 72-7-HB-1 in 1965.

The North and South end portions of the existing two-cell box culvert (S.N. 072-2005) will be removed. Also, remove upstream and downstream sections of the existing flume. A north and south extension of the existing box culvert will be built in the removal portions. MSE retaining walls will also be built as a portion of the work on Ramp C-3.

Traffic will be closed on Ramp C-3 during construction.

Sta. 10+300.000 Ramp C-3 = Sta. 145+800.450 W.B F.A.I. 74

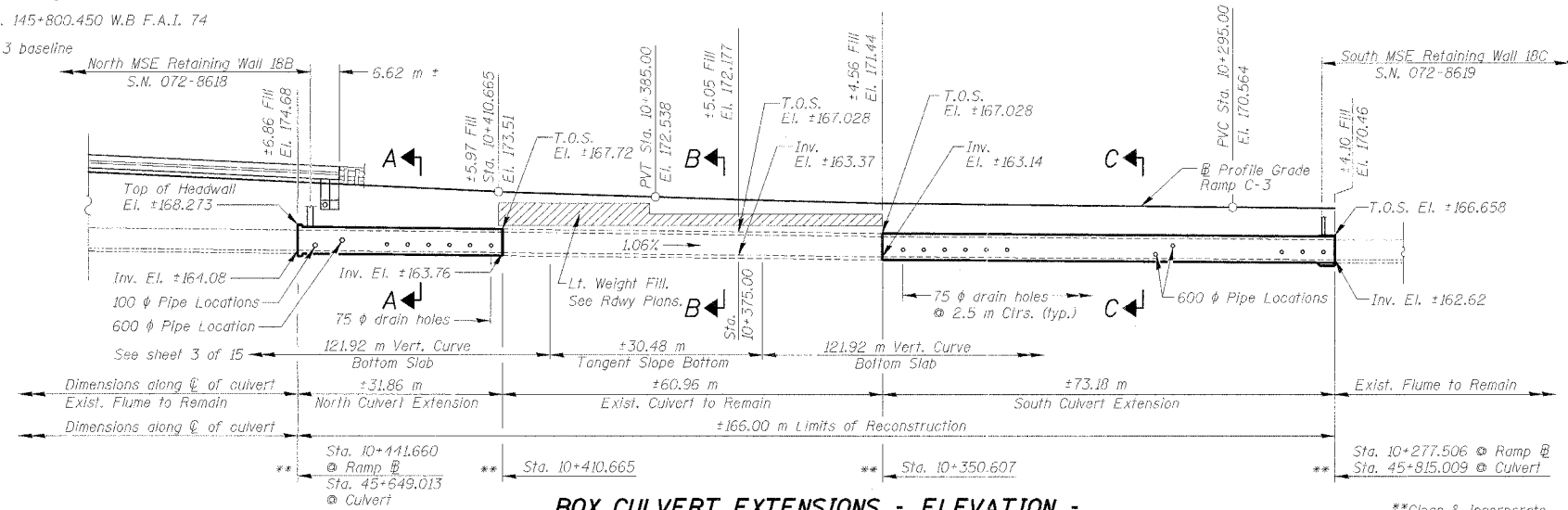
Note: All stationing is on Ramp C-3 baseline unless otherwise noted.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	*	PEORIA	1360	1023
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 1  
of 15 SHEETS

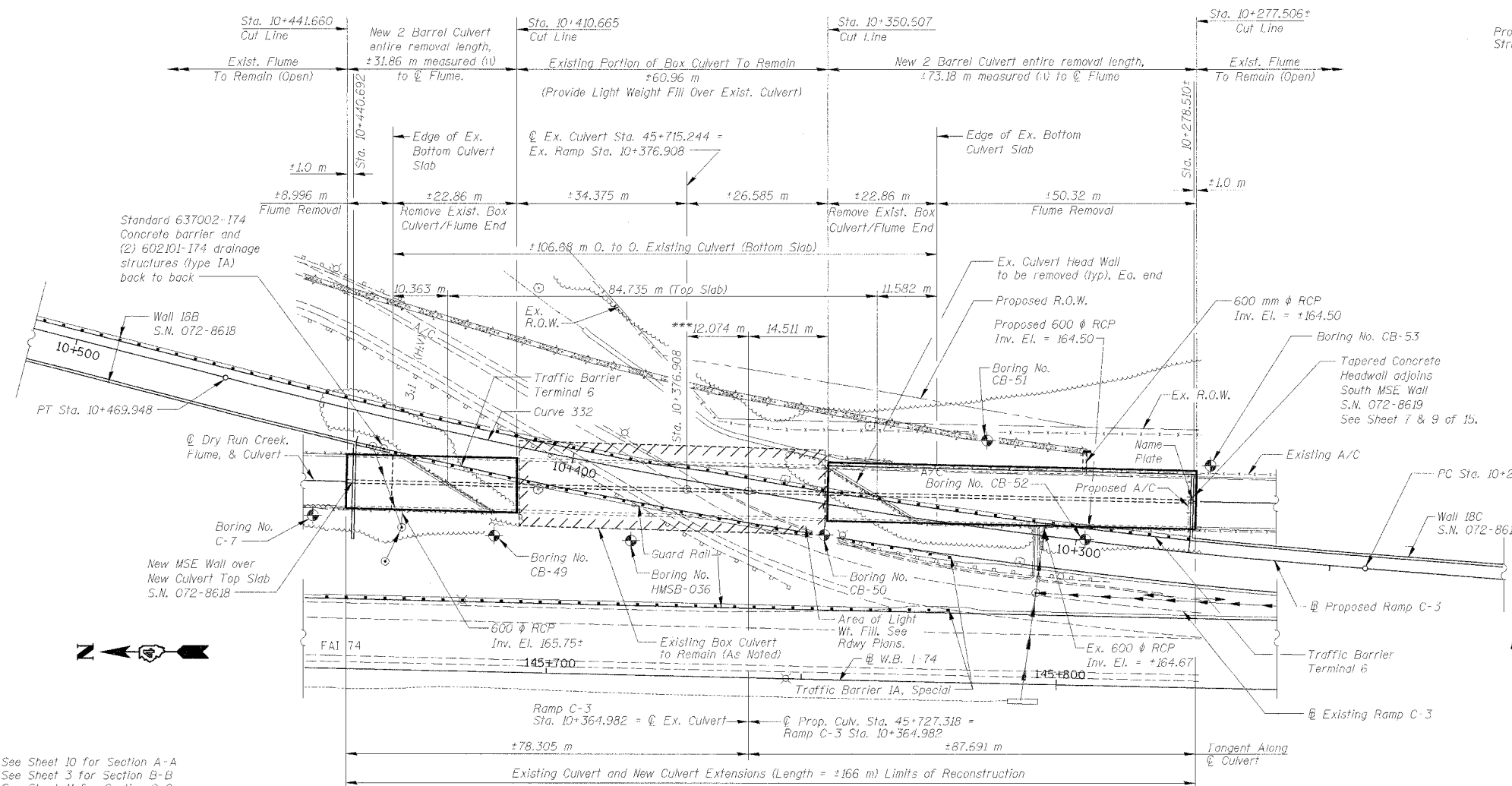
\* (72-7)R-3 Contract 68200



**BOX CULVERT EXTENSIONS - ELEVATION -**

(Looking East)

\*\*Clean & incorporate  
Exist. rebar into new concrete



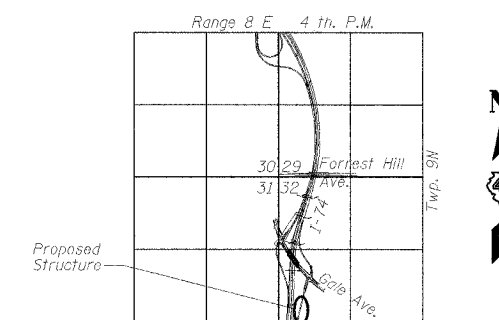
**PLAN**

(Soil Boring Locations Indicated as such: ⊕)

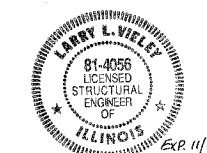
\*\*\*Distance between centerline of existing and new ramp base lines as measured along centerline of culvert.

**INDEX OF DRAWINGS**

- 1 General Plan and Elevation
- 2 Typical Sections & General Notes
- 3 Profile Grades, Curve Data, & Section B-B
- 4 Plan Top Slab & Bottom Slab - North Culvert Extension
- 5 East, Center, & West Wall Elevation - North Culvert Extension
- 6 Plan Top Slab & Bottom Slab - South Culvert Extension
- 7 East, Center, & West Wall Elevation - South Culvert Extension
- 8 Headwall & Wall Opening Details - North Culvert Extension
- 9 Headwall & Wall Opening Details - South Culvert Extension
- 10 Section A-A Thru - North Culvert Extension
- 11 Section C-C Thru - South Culvert Extension
- 12 Bar Details
- 13-15 Boring Logs



**LOCATION SKETCH**



*Larry L. Vieley* DATE: 01/28/05  
LARRY L. VIELEY  
ILLINOIS REGISTERED STRUCTURAL ENGINEER  
NO. 081-004056  
LICENSE EXPIRES: NOVEMBER 30, 2006

**GENERAL PLAN & ELEVATION  
NORTH & SOUTH CULVERT EXTENSION  
RAMP C-3 OVER DRY RUN CREEK  
F.A.I. ROUTE 74(I-74) SECTION (72-7)R-3  
PEORIA COUNTY  
STATION 10+277.51 TO  
STA. 10+441.66 (RAMP C-3)  
STRUCTURE NUMBER 072-2005**

DESIGNED	LLV
CHECKED	P.JL
DRAWN	MGM
CHECKED	LLV

See Sheet 10 for Section A-A  
See Sheet 3 for Section B-B  
See Sheet 11 for Section C-C

All dimensions are in millimeters (mm) unless noted otherwise.

**CLARK ENGINEERS, INC.**  
111 NE Jefferson Ave.  
Peoria, Illinois 61602  
Ph(309)676-8464  
Fax(309)676-5445