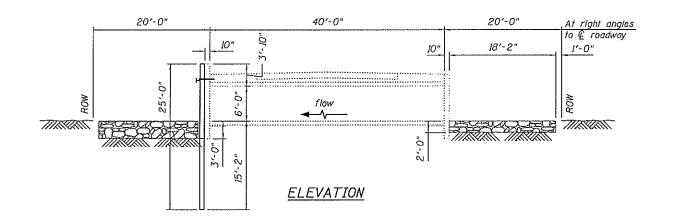
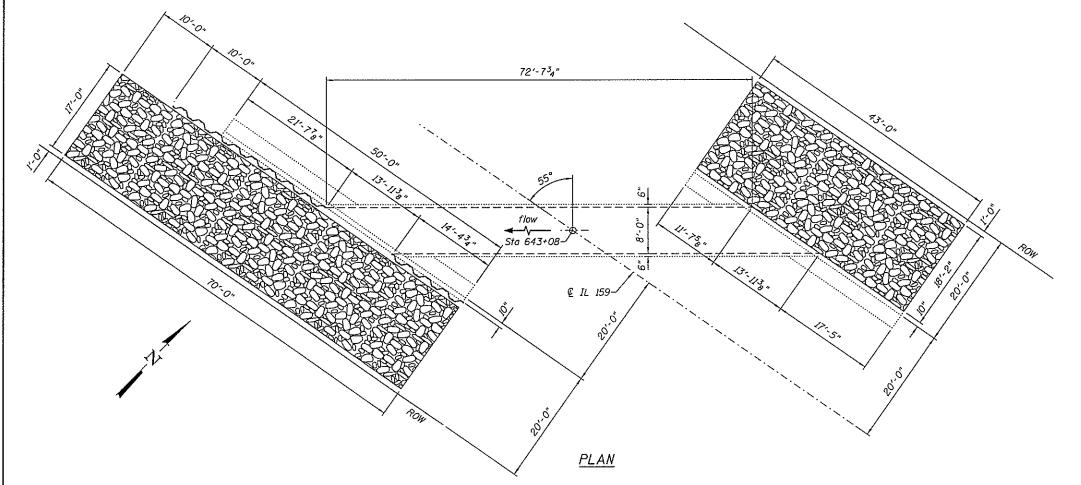
Existing structure: Built 1928 as a single 8' x 6' box culvert, skewed 55° left, under 2.4' of fill, with vertically cantilevered wingwalls on "L" type footings.

The tipping west wingwalls shall be stabilized with sheet piling. Riprap shall be placed at both ends to raise the degraded streambed to the culvert bottom slab.





GENERAL NOTES

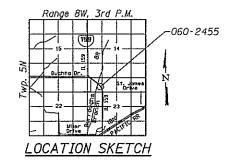
Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The cost for the threaded rods, brackets, channel, wood blocking, and all other hardware required to install the sheet piling shall not be paid for separately, and is included with the cost of "Permanent Steel Sheet Piling".

The quantity for "Structural Repair of Concrete (Depth < 5")" is for the bottom 1' of both sidewalls, full length.

Sheet piling minimum section modulus = 15 cu.in. per foot.

The threaded rods, brackets, nuts, and washers shall be galvanized according to AASHTO M111 or MM232 as applicable.



TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL	
Stone Dumped Riprap, Class A4	Sq. Yd.	266	
2	2 5	115.0	
Permanent Steel Sheet Piling	Sq. Ft.	1152	
Concrete Structures	Cu. Yd.	8.6	
Structural Repair of Concrete (Depth < 5")	Sq. Ft.	145	

	3		

DRAWN - J. Uehle PASSED DEPARTMENT OF TRANSPORTATION PASSED REVISED DEPARTMENT OF TRANSPORTATION CONTRACT NO. 760	DESIGNED - J. Uehle	EXAMINED	DATE - 2/14/14		060-2455	F.A.P. SECTION	COUNTY TOTAL SHEET NO.
DRAWN - 3, UPING PASSED DEPARTMENT OF TRANSPORTATION CONTRACT NO. 760	CHECKEO - C. Sanders	ENGINEER OF STRUCTURAL SERVICES	***************************************	STATE OF ILLINOIS		604 (103,125)RS-2, 125-BR-2	M44.5511 10 12
CHECKED - C. Sonder's SHEET NO. 1 OF 2 SHEETS I REVISED ROJECT	CHECKED - C. Sanders		REVISED REVISED		SHEET NO. 1 OF 2 SHEETS	THE THORE SEC.	