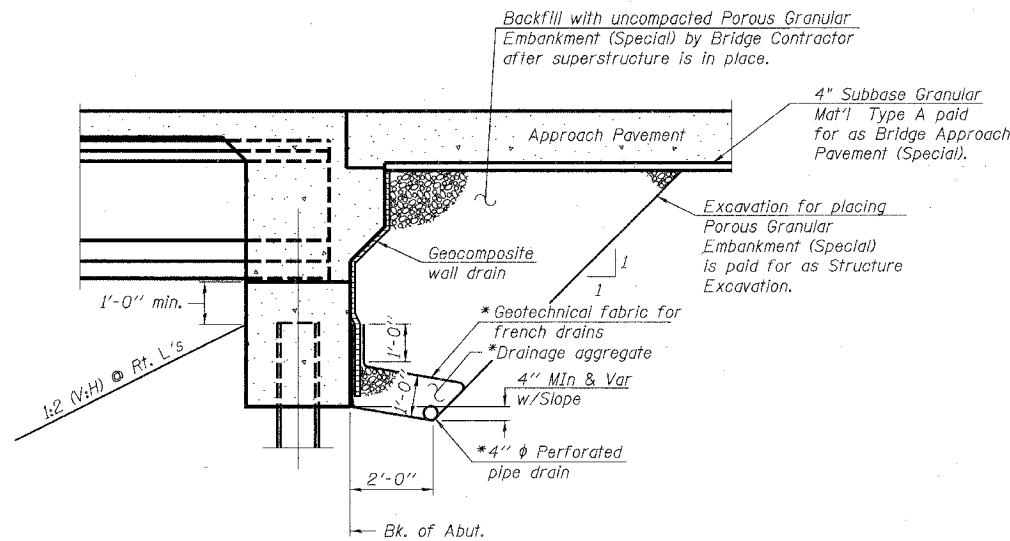


ROUTE NO. FAU 6998	SECTION 99-00209-02-PV	COUNTY VERMILION	TOTAL SHEETS 72	SHEET NO. 33
FED. ROAD DIST. NO.		ILLINOIS PROJECT		
CONTRACT NO. 91356				

GENERAL NOTES

- Reinforcement bars shall conform to the requirements of AASHTO M31, M42, or M53 Grade 60.
- Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
- Permanent Steel Sheet Piling shall be in place beneath bridge prior to placing superstructure.
- The contractor shall drive a 14" Metal Shell test pile in each of the following permanent locations as directed by the Engineer before ordering the remainder of piles:
 - one (1) 14" ϕ Metal Shell - West Abutment
 - one (1) 14" ϕ Metal Shell - East Abutment
- The 9" thick bicycle path shall be placed AFTER the full width 7 1/2" thick bridge deck is composite.
- The cost of removing and disposal of the existing sheet piling shall be included in Channel Excavation.
- All construction joints shall be bonded.
- Reinforcement bars designated (E) shall be epoxy coated.
- Place a minimum width of two (2) feet of Porous Granular Embankment along the roadway face of sheet piling from Back of East Abutment to WP 7 where fill is required. Cost included in Permanent Steel Sheet Piling.
- An aluminum tablet of the type shown on Standard 667101 shall be placed on the proposed structure as directed by the Engineer. The bench mark elevation will be established and marked by the City of Danville with the City's desired logo or emblem. This work shall be paid for at the contract unit price Each for Permanent Bench Marks, Type I.



SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

* Included in the cost of Pipe Underdrains for Structures.

Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes or as shown. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).

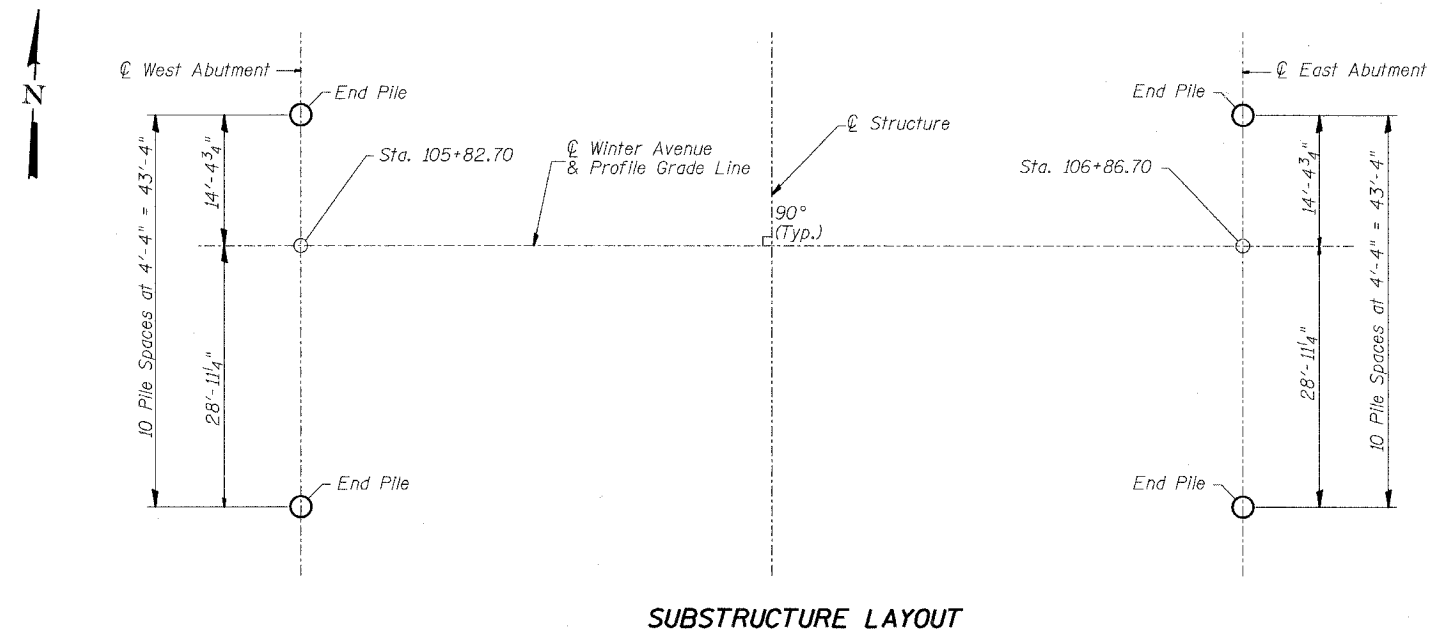
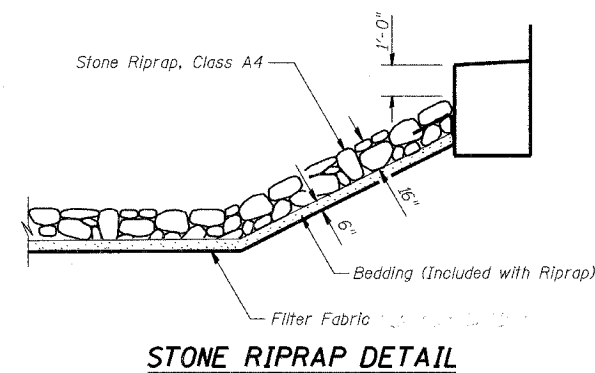
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	GENERAL PLAN AND ELEVATION
2	GENERAL NOTES, TOTAL BILL OF MATERIAL AND DETAILS
3-4	TOP OF SLAB ELEVATIONS
5	SUPERSTRUCTURE
6	DIAPHRAGM DETAILS
7-8	SUPERSTRUCTURE DETAILS
9	DRAINAGE SCUPPER, DS-11
10	FRAMING PLAN
11	PPC BULB-T BEAM
12	PPC BULB-T BEAM DETAILS
13	WEST ABUTMENT
14	EAST ABUTMENT
15	PILE DETAILS
16	BAR SPLICER ASSEMBLY DETAILS
17	BICYCLE RAILING DETAILS
18	BRIDGE BORING LOGS
19	PERMANENT STEEL SHEET PILING
20	PERMANENT STEEL SHEET PILING DETAILS
21	PERMANENT STEEL SHEET PILING BORING LOG

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.		1,148	1,148
Porous Granular Embankment	Cu. Yd.		142	142
Porous Granular Embankment, Special	Cu. Yd.		333	333
Stone Riprap, Class A4	Sq. Yd.		716	716
Filter Fabric	Sq. Yd.		716	716
Removal of Existing Structures	Each			1
Structure Excavation	Cu. Yd.		403	403
Concrete Structures	Cu. Yd.		53.1	53.1
Concrete Superstructure	Cu. Yd.	279.9		279.9
Bridge Deck Grooving	Sq. Yd.	333		333
Protective Coat	Sq. Yd.	642		642
F & E P.P.C Bulb T-Beams, 72"	Foot	632.0		632.0
Furnishing & Erecting Structural Steel	Pound		4,670	4,670
Reinforcement Bars, Epoxy Coated	Pound	41,330	7,660	48,990
Furnishing Metal Pile Shells 14"	Foot		1,060	1,060
Driving and Filling Shells	Foot		1,060	1,060
Test Pile Metal Shells	Each		2	2
Permanent Steel Sheet Piling	Sq. Ft.		5,763	5,763
Name Plates	Each	1		1
Drainage Scuppers, DS-11	Each	2		2
Geocomposite Wall Drain	Sq. Yd.		136	136
Pipe Underdrains for Structure 4"	Foot		202	202
Bar Splacers	Each	94		94
Bicycle Railing	Foot	107		107
Permanent Bench Marks, Type I	Each		1	1

• Cost of Porous Granular Embankment is included in Permanent Steel Sheet Piling.



GEN. NOTES, TOTAL BILL OF MATERIAL & DETAILS

Date	Designed ACW	WINTER AVENUE OVER STONEY CREEK SECTION 99-00209-02-PV CITY OF DANVILLE, IL VERMILION COUNTY STA. 106+34.70 PROP. STR. NO. 092-6033	Sheet No.
Revisions	Drawn BKN		2
	Checked KWB		of 21
	Approved KWB		URS Job No.
Prepared by:	URS 3040 North University Avenue Decatur, IL 62526		36430866