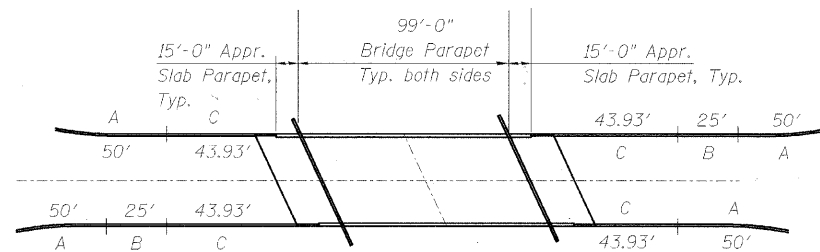


GUARDRAIL & RELATED ITEMS

Location	Offset	Traffic Barrier Terminal, Type 1, Special (Ea.) Std. 630301	Monodirectional Prismatic Barrier Reflector (Ea.)	Steel Plate Beam Guardrail, Type A, 9 Foot Posts (Foot) Std. 630001	Traffic Barrier Terminal, Type 6 (Ea.) Std. 631031	Terminal Marker Direct Applied (Ea.) Std. 635006
		A		B	C	
A South of Bridge	Right	1				1
B South of Bridge	Right		3	25	1	
C South of Bridge	Right					
A South of Bridge	Left	1				1
C South of Bridge	Left		2		1	
C North of Bridge	Right		2		1	
A North of Bridge	Right	1				1
C North of Bridge	Left		3		1	
B North of Bridge	Left			25		
A North of Bridge	Left	1				1
Total		4	10	50	4	4

- 1.) See Sht. 14 of 32 for Bridge & Approach Slab Parapets
- 2.) Monodirectional Reflectors spaced at 25 ft. O.C. except none on the Traffic Barrier Terminal, Type 1 Special (Tangent).
- 3.) All Guardrail, including Terminal Sections, shall have 9 ft. Posts. See Special Provisions.



GUARDRAIL LAYOUT



SEEDING & RELATED ITEMS SUMMARY

Location (Offset)	Seeding Class 3 (Acres)	Erosion Control Blanket (Sq. Yd.)	Nitrogen Fertilizer Nutrient (Pound) ***	Phosphorus Fertilizer Nutrient (Pound) ***	Potassium Fertilizer Nutrient (Pound) ***	Temporary Erosion Control Seeding (Pound)
SW: Lt. Sta. 4+50 to Back South Abutment	0.17	823	15.3	15.3	15.3	80
SE: Rt. Sta. 4+50 to Back South Abutment	0.10	484	9.0	9.0	9.0	40
NW: Lt. Back North Abutment to Sta. 9+50	0.08	387	7.2	7.2	7.2	40
NE: Rt. Back North Abutment to Sta. 9+50	0.09	436	8.1	8.1	8.1	40
Total	0.44	2130	39.6	39.6	39.6	200

1. Nutrient Application Rate: 1:1:1 at 270 lbs./acre (90 #/acre Each Nutrient) ***
2. Erosion Control Blanket shall be knitted straw only
3. The Contractor shall restore all vegetated areas disturbed by his activities. As an allowance for payment, the seeding areas shown are measured from the outside edge of aggregate shoulders or proposed revegetation mats to proposed temporary easement limits from Sta. 4+50 to Sta. 9+50 exclusive of stream channel. Restoration of surfaces beyond these limits will not be measured for payment, but shall be at the Contractor's expense.

DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL

RIGHT-OF-WAY MARKERS

Type	Location	Quantity (Foot)
Furnishing and Erecting Right-of-Way Markers	Lt. Sta. 4+50 to Sta. 6+50	4 Each

EARTHWORK SUMMARY

Location	Earth Excavation (Cu. Yd.)	Earth Excavation Adjusted for Shrinkage (Cu. Yd.)	Embankment (Cu. Yd.)	Balance: Furnished Excavation (Cu. Yd.)	Topsoil Excavation & Placement (Cu. Yd.)
4+50 to 5+00	63.8	47.9	41.8	+6.1	12.9
5+00 to 5+50	70.1	52.5	164.6	-112.0	34.2
5+50 to 6+00	71.8	53.8	183.1	-129.3	34.7
6+00 to 6+50	68.2	51.2	126.7	-75.5	23.0
6+50 to 7+00	32.8	24.6	66.4	-41.8	9.6
7+00 to 7+50	0.00	0.00	0.00	0.00	0.00
7+50 to 8+00	21.6	16.2	70.6	-51.1	13.0
8+00 to 8+50	43.1	32.3	107.5	-75.2	23.8
8+50 to 9+00	51.1	38.3	92.8	-54.4	24.1
9+00 to 9+50	62.3	46.7	55.8	-9.1	13.3
Total	484.8	363.6	909.3	-545.6	188.6

Shrinkage Factor = 0.25

- 1.) Contractor shall properly dispose of excess excavated material and all construction debris.
- 2.) Channel excavation and excavation and/or fill required for the Fabric Formed Concrete Revegetation Mats will not be measured or paid for separately but will be included in the contract unit price per square yard for the Revegetation Mats.
- 3.) See "Slope Steps Detail" for sidehill treatment. Excavation and filling for slope steps are not measured for payment.

AGGREGATE BASE COURSE, TYPE A 12"

Location	Quantity (Sq. Yd.)
Sta. 4+50 to South end Appr. Slab	586
North end Appr. Slab to Sta. 9+50	395
Total	981

AGGREGATE SHOULDERS, TYPE B 6"

Location	Quantity (Sq. Yd.)
SW: Lt. Sta. 4+50 to S. End Appr. Slab	133
SE: Rt. Sta. 4+50 to S. End Appr. Slab	149
NW: Lt. N. End Appr. Slab to Sta. 9+50	129
NE: Rt. N. End Appr. Slab to Sta. 9+50	102
Total	513

Aggregate Shoulders are placed from edge of pavement to face of guardrail or its extended lines.

FENCE

Type	Location	Quantity (Foot)
Fence to be Removed and Re-Erected	Remove Existing Fence Lt. Sta. 4+50 to 8+25 and Reset Along Limits of Existing and Additional ROW	397
Temporary Fence	Set Along Limits of Temporary Easement Lt. Sta. 4+50 to 8+25	395

**QUANTITIES NOT OTHERWISE SHOWN
ELMORE ROAD BRIDGE
OVER FRENCH CREEK**

	111 NE Jefferson Ave. Peoria, Illinois 61602 Ph: 309.676.8464 Fax: 309.676.5445 IL Design Firm Reg. No. 184-001518 www.aecom.com	HWY	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		R-15	08-00092-00-BR	PEORIA	32	3
		STRUCTURE NO. 072-3147		STATION 7+27		
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT BROS-0143(049)						