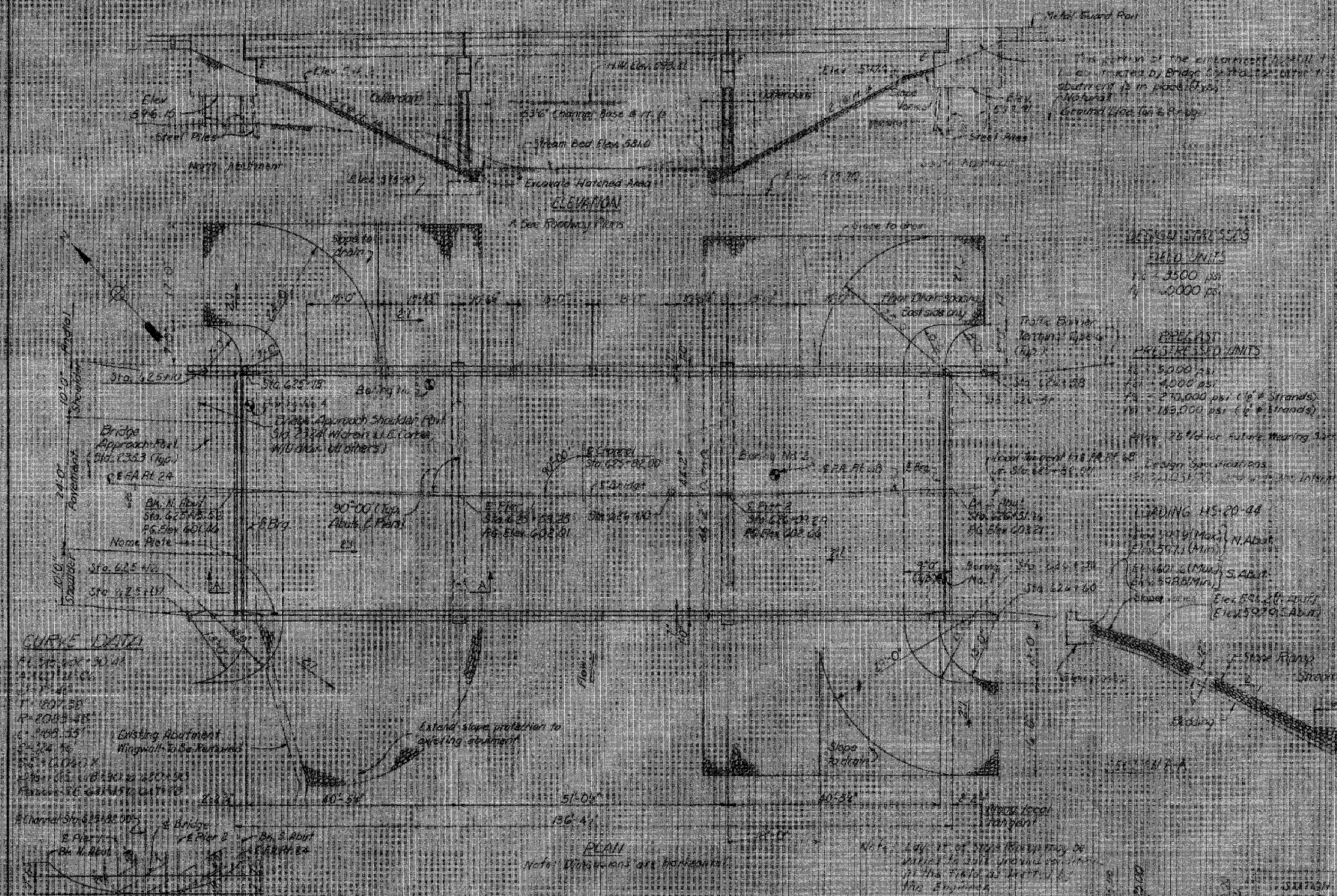


AM 1031 U in North Reach of Short Point Creek
Sta 625+11
Existing Structure: No. 053-0000, 5.61 Pile 18 Sec. 102B built in 1928. 150' long
Concrete Deck Girders and abutments. Bridge to be
removed by contractor after completion of new structure.
No Salvage

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
68	102B-1	LIVINGSTON	58	5	7 SHEETS



GENERAL NOTES

See Appendix to Specifications.
Protect existing structure from damage by adjacent work.
The contractor shall be responsible for the safety of the public.
The contractor shall be responsible for the safety of the workmen.
The contractor shall be responsible for the safety of the property.
The contractor shall be responsible for the safety of the environment.
The contractor shall be responsible for the safety of the abutments.
The top surface of the beams shall be finished with a surface
with a texture 0.15 in. of the steel space, except that the surface shall
not be roughened by blasting. The finished surface shall be that
of concrete or high steel with sharp corners and the top edge of the
slab shall be rounded or chamfered a minimum of 1/4".
A Corrosion Inhibitor shall be used in the concrete for precast
slabs. The contractor shall use the Steel HP 10x43 test pile in the
central location of the South Abut as directed by the Engineer before
ordering the remainder of piles.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Sub	Total
Structural Excavation	Cu Yd			17
Turning Steel Piles 14x10x92	Lin Ft		187	187
Structural Steel Piles	Lin Ft		187	187
Mass Concrete	Cu Yd	39.8	141.8	181.6
Reinforcing Bars	Lbs	300	15,240	15,540
Structural Formwork	Sq Ft	114		114
Waterproofing Membrane System	Sq Yd	6.6		6.6
Steel Piling	Sq Yd		1138	1138
Beam Piles	Each		1	1
Cast-in-place	Each		2	2
Precast Concrete	Cu Yd	16		16
Field Excavation for Struts	Cu Yd		96	96
Formwork for Mass Concrete	Sq Ft	1462		1462
Formwork for	Sq Ft		187	187
Structural Steel	Lbs		6230	6230
Removal of Existing Structure	Cu Yd		1	1
Deck and Concrete	Cu Yd		45.2	45.2
Field Piles (Steel HP 10x43)	Each		1	1
Excavation	Cu Yd		18	18
Structural Steel Formwork	Lbs	4340		4340

CURVE DATA

PI = 515.42	PC = 301.11
PT = 417.23	PT = 417.23
PI = 417.23	PC = 203.45
PT = 324.16	PT = 324.16
PI = 324.16	PC = 105.11
PT = 105.11	PT = 105.11



DESIGNED [Signature]

CHECKED [Signature]

DRAWN [Signature]

DATE 08/05/10

MATERIAL INFORMATION

Item	Quantity	Unit	Price	Total
Concrete	181.6	Cu Yd	141.8	25900.88
Reinforcing Bars	15540	Lbs	0.40	6216.00
Steel Piles	187	Lin Ft	187	34959.00
Formwork	1462	Sq Ft	0.10	146.20
Excavation	17	Cu Yd	1.00	17.00
Structural Steel	6230	Lbs	0.10	623.00