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GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts 7/8 in. ϕ , holes 15/16 in. ϕ , unless otherwise noted.

Calculated weight of Structural Steel = 99,530 lbs. (Grade 50)
10,420 lbs. (Grade 36)

No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.

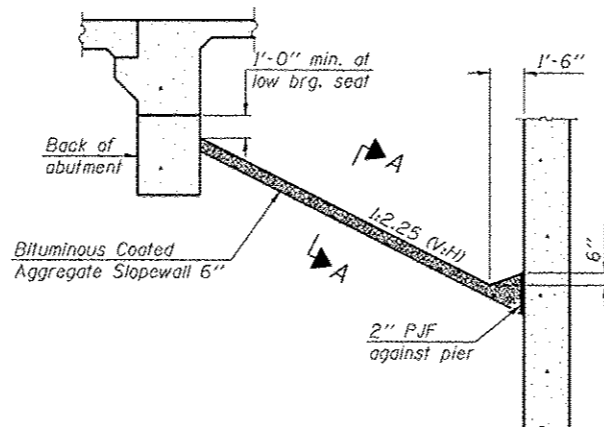
The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project. The cost of this work shall be included with the Removal of Existing Structures.

The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.

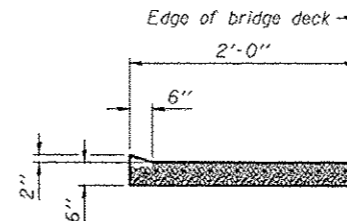
The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception that the exterior surfaces and bottom of the bottom flange of the fascia beams, masked off connection surfaces, and field installed fasteners, all of which shall be touched up and finish coated in the field. The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Black, Munsell No. N1.

Slipforming of the parapets is not allowed.

The aerial electric transmission lines over the proposed north abutment will remain throughout the duration of the project. The Contractor shall coordinate with the utility company for driving of piles at this abutment and any other work in conflict with this aerial line. (Refer to Special Provisions)



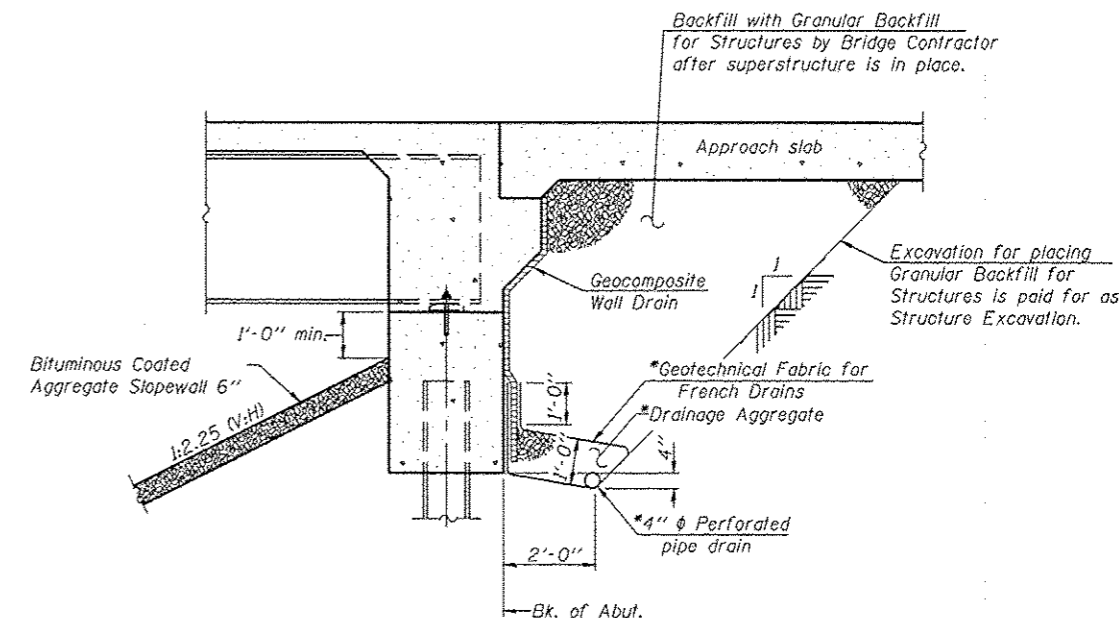
SECTION THRU BITUMINOUS COATED AGGREGATE SLOPEWALL



SECTION A-A

TOTAL BILL OF MATERIAL

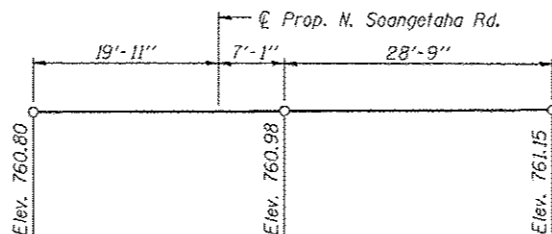
ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each			1
Protective Shield	Sq. Yd.	98		98
Structure Excavation	Cu. Yd.		116	116
Concrete Structures	Cu. Yd.		168.2	168.2
Concrete Superstructure	Cu. Yd.	390.6		390.6
Bridge Deck Grooving	Sq. Yd.	689		689
Protective Coat	Sq. Yd.	1085		1085
Furnishing and Erecting Structural Steel	L. Sum	1		1
Stud Shear Connectors	Each	3960		3960
Reinforcement Bars	Pound		10560	10560
Reinforcement Bars, Epoxy Coated	Pound	87240	28230	115470
Bar Splicers	Each	78	36	114
Mechanical Splicers	Each		224	224
Furnishing Steel Piles HP10x42	Foot		642	642
Driving Piles	Foot		642	642
Pile Shoes	Each		12	12
Name Plates	Each			1
Drilled Shaft in Soil	Cu. Yd.		52.3	52.3
Elastomeric Bearing Assembly, Type I	Each	12		12
Anchor Bolts, 1"	Each		24	24
Anchor Bolts, 1/4"	Each		24	24
Geocomposite Wall Drain	Sq. Yd.		64	64
Bridge Fence Railing (Special)	Foot	308		308
Granular Backfill for Structures	Cu. Yd.		98	98
Temporary Sheet Piling	Sq. Ft.		444	444
Pipe Underdrains for Structures 4"	Foot		147	147
Bituminous Coated Aggregate SlopeWall 6"	Sq. Yd.		458	458



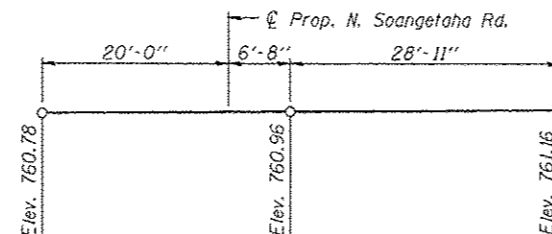
SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures 4".

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. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 6011Q1).



PROFILE GRADE
(Looking South)
Top of Rail South Tracks



PROFILE GRADE
(Looking South)
Top of Rail North Tracks

FILE NAME: 0486063-89625-001-GPE.dgn
MAURER-STUTZ
ENGINEERS SURVEYORS

USER NAME: basawson
PLOT SCALE:
PLOT DATE: 1/7/2013

DESIGNED - LVM
CHECKED - BAS
DRAWN - SGM
CHECKED - BAS

REVISED -
REVISED -
REVISED -
REVISED -



CITY OF GALESBURG

GENERAL DATA
STRUCTURE NO. 048-6063

SHEET NO. 2 OF 26 SHEETS

M.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
651	07-00651-03-BR	KNOX	67	30
CONTRACT NO. 89625			ILLINOIS	