

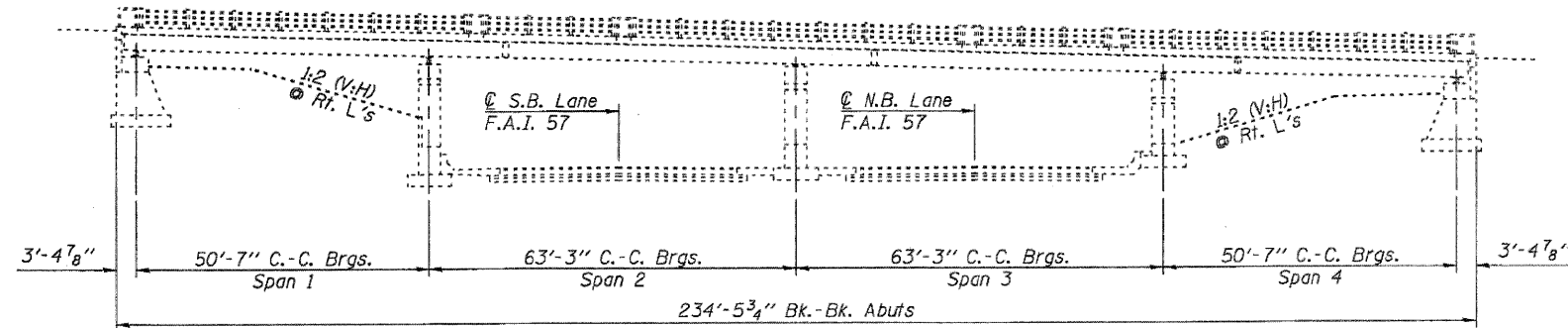
Bench Mark: Chiseled "□" on top of NE. Wingwall of S.N. 046-0080 Waldon Rd. over I-57
6.87' Rt. Sta. 20+97.93, Elev. 650.91

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

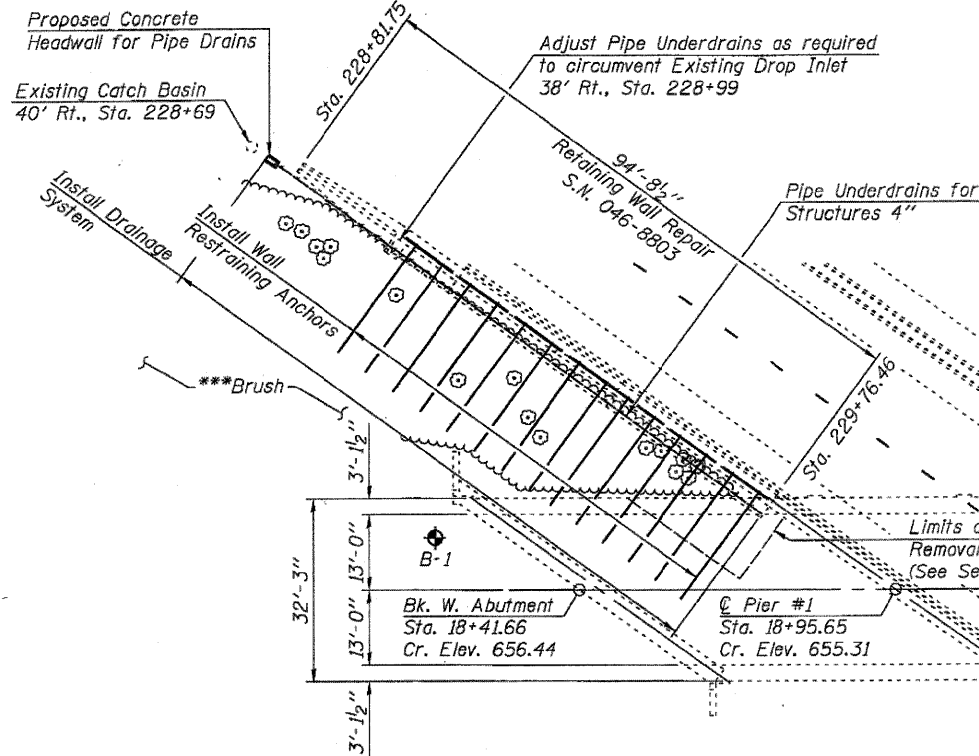
Existing Structure: S.N. 046-8803 was originally built in 1953 as part of the construction for S.N. 046-0080, Section 139-HB-1-HF-1. The structure is a cast-in-place reinforced concrete T-type vertical cantilever retaining wall supported by a spread footing. In 1984, construction performed under Section (46-3)R, RS-1 placed a cast-in-place concrete traffic barrier in front of S.N. 046-8803.

TREE LOCATION TABLE

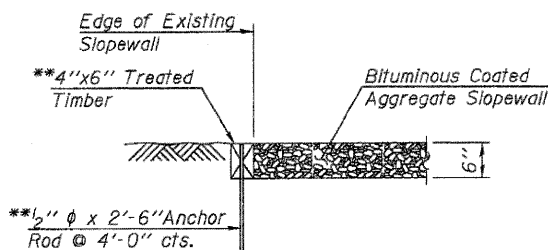
SIZE	STATION	OFFSET	NOTE
6"	228+81	47'	REMOVE
6"	228+84	47'	REMOVE
6"	228+88	46'	REMOVE
6"	228+88	47'	REMOVE
6"	228+88	45'	REMOVE
6"	229+04	46'	REMOVE
7"	229+21	52'	REMOVE
10"	229+29	46'	REMOVE
11"	229+34	50'	REMOVE
16"	229+38	51'	REMOVE
6"	229+55	42'	REMOVE
7"	229+55	41'	REMOVE
7"	229+61	40'	REMOVE
7"	229+61	41'	REMOVE
7"	229+62	40'	REMOVE
7"	229+62	41'	REMOVE



ELEVATION



PLAN



SECTION THRU SLOPEWALL

**Included in cost of Bituminous Coated Aggregate Slopewall 6"

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.

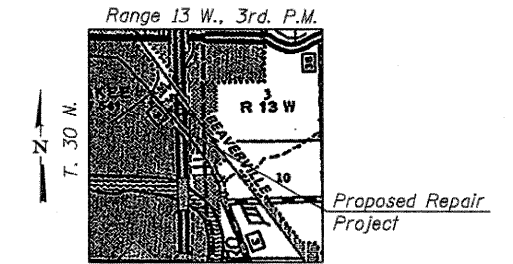
No heavy equipment, materials or other items associated with construction activities shall operate or be placed on the embankment behind the retaining walls in a manner that will exert lateral pressure on the walls.

Prior to excavating behind the existing retaining wall, the Contractor shall provide a temporary wall bracing system to restrain the wall during excavation operations and ground anchor installation. See Special Provision.

Portion of the existing bituminous coated aggregate slopewall located adjacent to Pier #1 at the south end of the retaining wall repair that is removed by excavation, shall be replaced as Bituminous Coated Aggregate Slopewall 6". See Special Provision. Slopewall removal is included in cost of Structure Excavation.

INDEX OF SHEETS

- General Plan and Elevation
- 3. Wall Restraining Anchor Details
- Soil Boring Log



LOCATION SKETCH

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
* Wall Restraining Anchors	Each	14
* Temporary Wall Bracing System	L. Sum	1
Geocomposite Wall Drain	Sq. Yd.	33
* Pipe Underdrains for Structures 4"	Foot	97
* Porous Granular Embankment, Special	Cu. Yd.	64
Concrete Headwalls for Pipe Drains	Each	1
Epoxy Crack Injection	Foot	35
Structure Excavation	Cu. Yd.	220
Tree Removal (6 to 15 Units Dia.)	Unit	105
Tree Removal (Over 15 Units Dia.)	Unit	16
* Bituminous Coated Aggregate Slopewall 6"	Sq. Yd.	36
Nitrogen Fertilizer Nutrient	Pound	9
Phosphorous Fertilizer Nutrient	Pound	9
Potassium Fertilizer Nutrient	Pound	9
Seeding, Class 3	Acre	0.1
Heavy Duty Erosion Control Blanket	Sq. Yd.	466
Temporary Erosion Control Seeding	Pound	10

*See Special Provisions

GENERAL PLAN
AROMA PARK RD. OVER F.A.I. 57
SECTION (46-3) I-2
KANKAKEE COUNTY
STATION 229+29.11
S.N. 046-8803

DESIGNED -	J.A.M.
CHECKED -	A.R.K.
DRAWN -	S.A.P.
CHECKED -	A.R.K. & J.A.M.



John A. Morris 05-07-10
Expires 11-30-2010

DESIGN STRESSES

FIELD UNITS

- f'c = 2,000 psi (Existing Concrete)
- fs = 20,000 psi (Existing Reinforcement)
- fy = 50,000 psi (Structural Steel)
- fy = 75,000 psi (Anchor Bars)
- f'c = 3,000 psi (Grout)

DESIGN SPECIFICATIONS

2007 AASHTO LRFD Bridge Design Specifications with Interims



4440 ASH GROVE SPRINGFIELD, IL 62711 (217)-793-8600 www.fehr-graham.com

SHEET NO. 1
4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(46-3) I-2	KANKAKEE	10	7
CONTRACT NO. 66A23				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			