

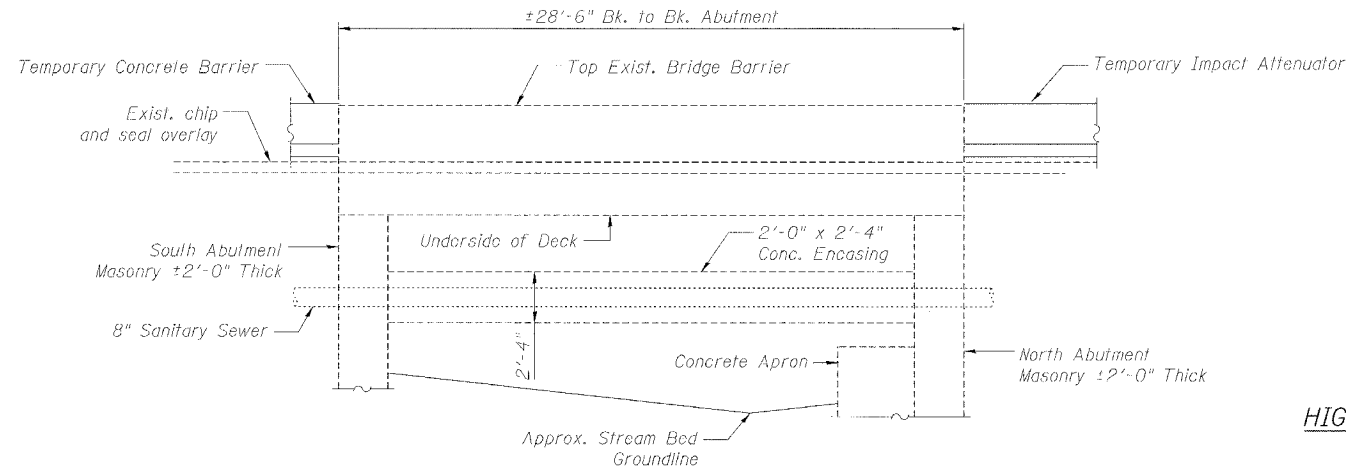
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
F.A.S. 754	4RS-2, 4BR	CALHOUN	87	53
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract # 76269

**EXISTING STRUCTURE:**

Structure No. 007-5012, single span, reinforced concrete slab bridge, stone masonry abutments and wing walls, 0° skew, '28'-6" back to back abutments, 22'-6" out to out deck.



**HIGHWAY CLASSIFICATION**

Route: North County Road  
Functional Class: Local Street  
ADT: 2000 (Temp. Detour)  
Posted Speed: 35 m.p.h.

**LOADING 9 TON AXLE LOAD**

**DESIGN SPECIFICATIONS**

1996 AASHTO with 1997 thru 2002 Interims

**NOTES:**

Plan dimensions and details relative to existing structure have been taken from field measurements. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.

Masonry reconstruction, masonry cleaning and tuckpointing, and gabion installation and backfill shall be completed prior to installation of temporary barrier and impact attenuators.

Excavation for gabion construction shall be included in the cost of masonry removal.

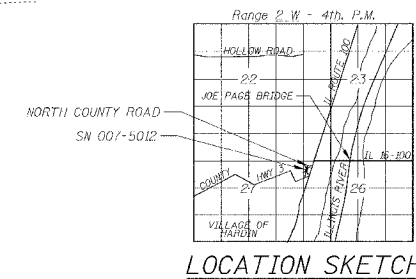
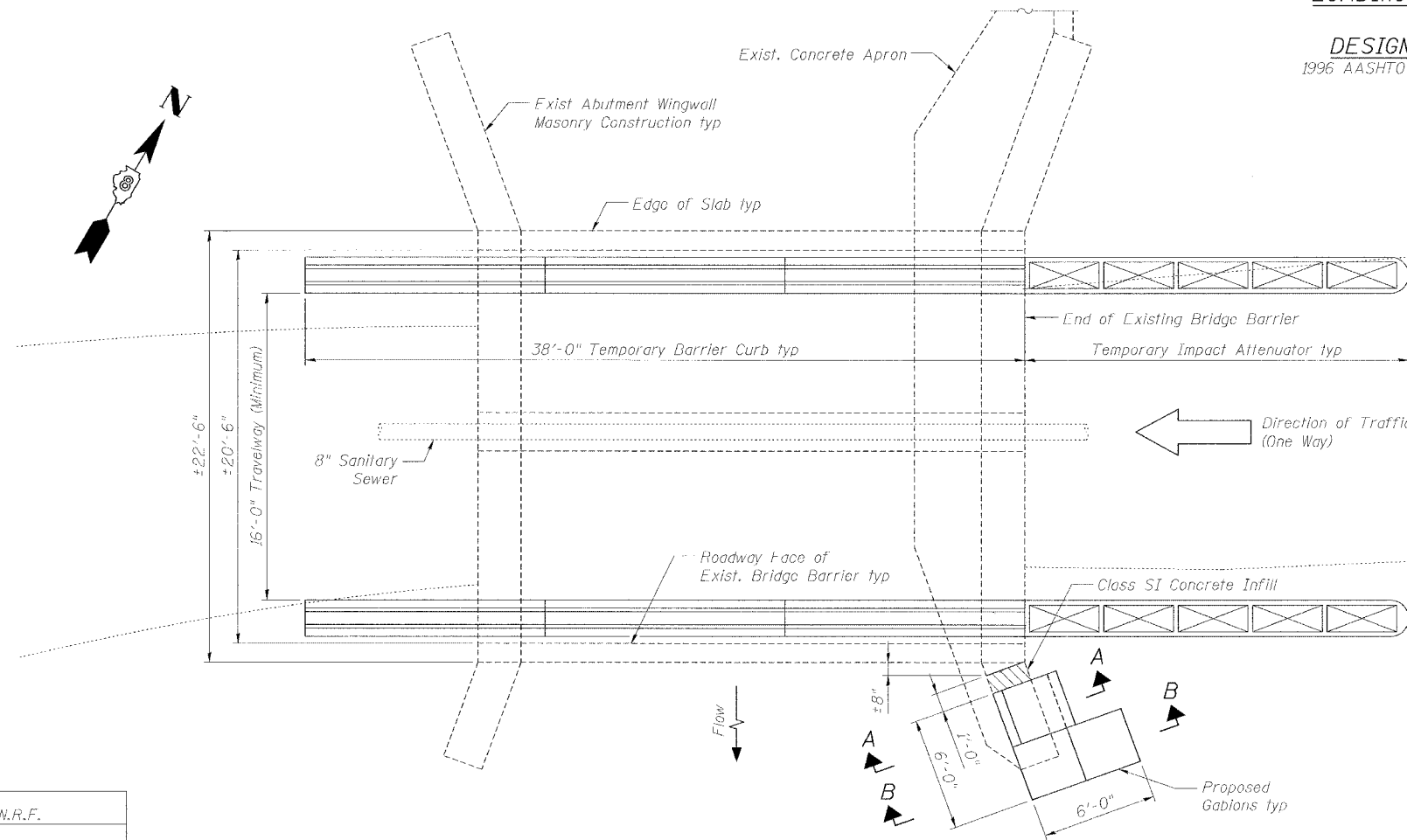
Masonry removal lines shall generally follow existing joints between the stone masonry units.

The Class SI concrete infill shall be placed in direct contact and worked into the joints of the existing masonry abutment. The gabions shall be protected from concrete contact by use of one layer of filter fabric. The exposed face of the concrete infill shall have a formed or wood trowel finish. No direct payment will be made for the Class SI concrete infill between the proposed gabions and the existing abutment.

Excavation necessary to complete the masonry cleaning and tuckpointing shall be included in the cost of masonry cleaning and tuckpointing.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Gabions	Cu Yd	4
Masonry Removal	Cu Yd	2
Temporary Concrete Barrier	Foot	80
Impact Attenuators, Temporary (Fully Re-Directive, Narrow), Test Level 2	Each	2
Masonry Cleaning and Tuckpointing	Sq Yd	53
Filter Fabric	Sq Yd	10
Masonry Reconstruction	Sq Yd	2
Structural Inspection	L Sum	1



DETOUR ROUTE SN 007-5012  
PARK STREET OVER  
AN UNNAMED CREEK  
F.A.S. ROUTE 754  
SECTION 4RS-2, 4BR  
CALHOUN COUNTY  
ROADWAY STATION 6+08.50  
STRUCTURE NO. 007-0026

**Benton & Associates, Inc.**  
Consulting Engineers / Land Surveyors  
1970 West Lafayette Avenue Jacksonville, Illinois 62650  
Phone : 217-245-4146 Fax : 217-245-4149  
IL Design Firm Registration No. 184-000852

DESIGNED - N.R.F.
CHECKED - L.E.L.
DRAWN - N.R.F.
CHECKED - L.E.L.

See Sheet 20 of 20 for Sections 'A-A' and 'B-B'