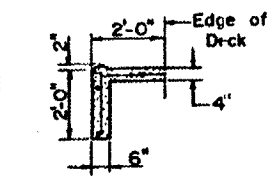


**ELEVATION**  
**EMBANKMENT CONSTRUCTION**

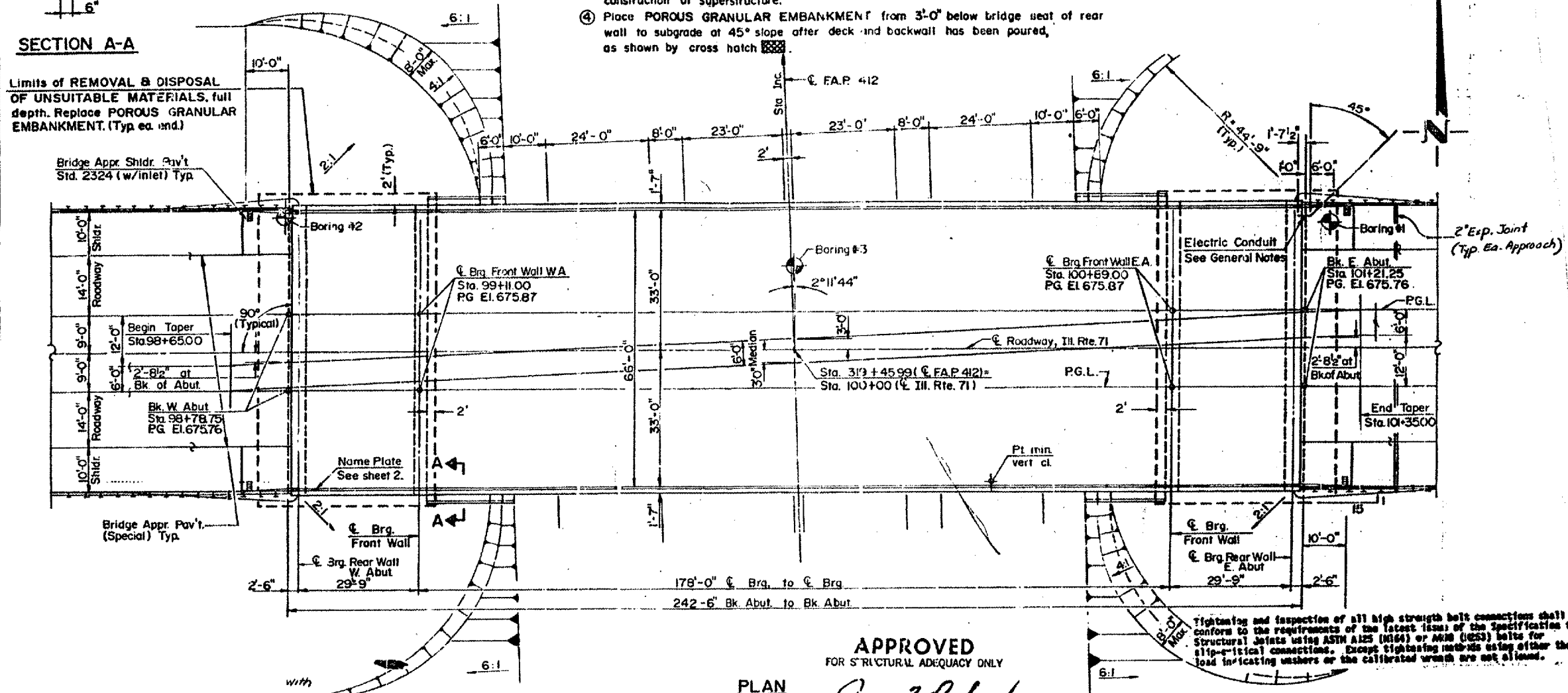
- ① Initial embankment construction as indicated by ..... to be placed prior to construction of abutments.
- ② Construct abutments.
- ③ Hatched area to be placed after abutment is constructed and before construction of superstructure.
- ④ Place POROUS GRANULAR EMBANKMENT from 3'-0" below bridge seat of rear wall to subgrade at 45° slope after deck and backwall has been poured, as shown by cross hatch.

Limits of REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS. Replace with POROUS GRANULAR EMBANKMENT to elevation 647.0. (Typ. each end.)



**SECTION A-A**

Limits of REMOVAL & DISPOSAL OF UNSUITABLE MATERIALS, full depth. Replace POROUS GRANULAR EMBANKMENT. (Typ. ea. end.)

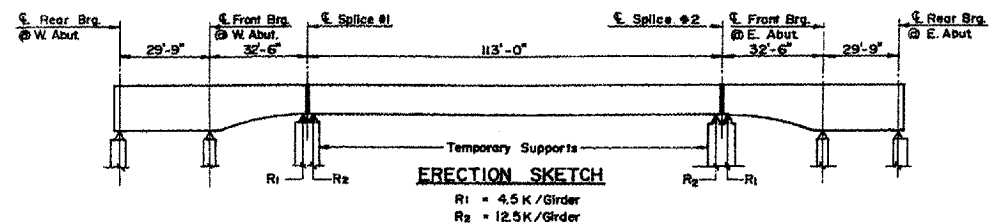


**APPROVED**  
FOR STRUCTURAL ADEQUACY ONLY

*James J. Layburn*  
Illinois Department of Transportation

**PLAN**

Tightening and inspection of all high strength bolt connections shall conform to the requirements of the latest issue of the specifications for Structural Joints using ASTM A125 (N164) or A193 (N253) bolts for slip-critical connections. Except tightening methods using either the load indicating washers or the calibrated wrench are not allowed.



**ERECTOR SKETCH**  
R1 = 4.5 K/Girder  
R2 = 12.5 K/Girder

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**EXISTING STRUCTURE PLANS**  
FOR INFORMATION ONLY  
S.N. 050-0203  
SCALE: VERT. DATE 6/21/04  
DRAWN BY: CHECKED BY: