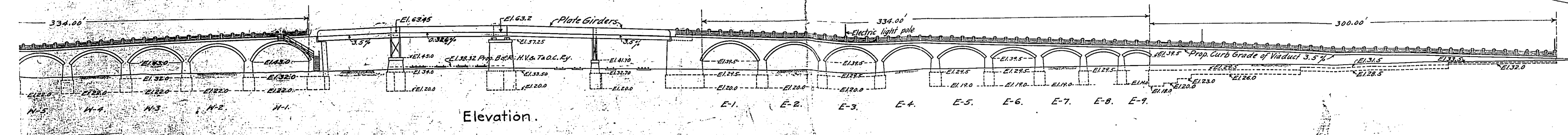




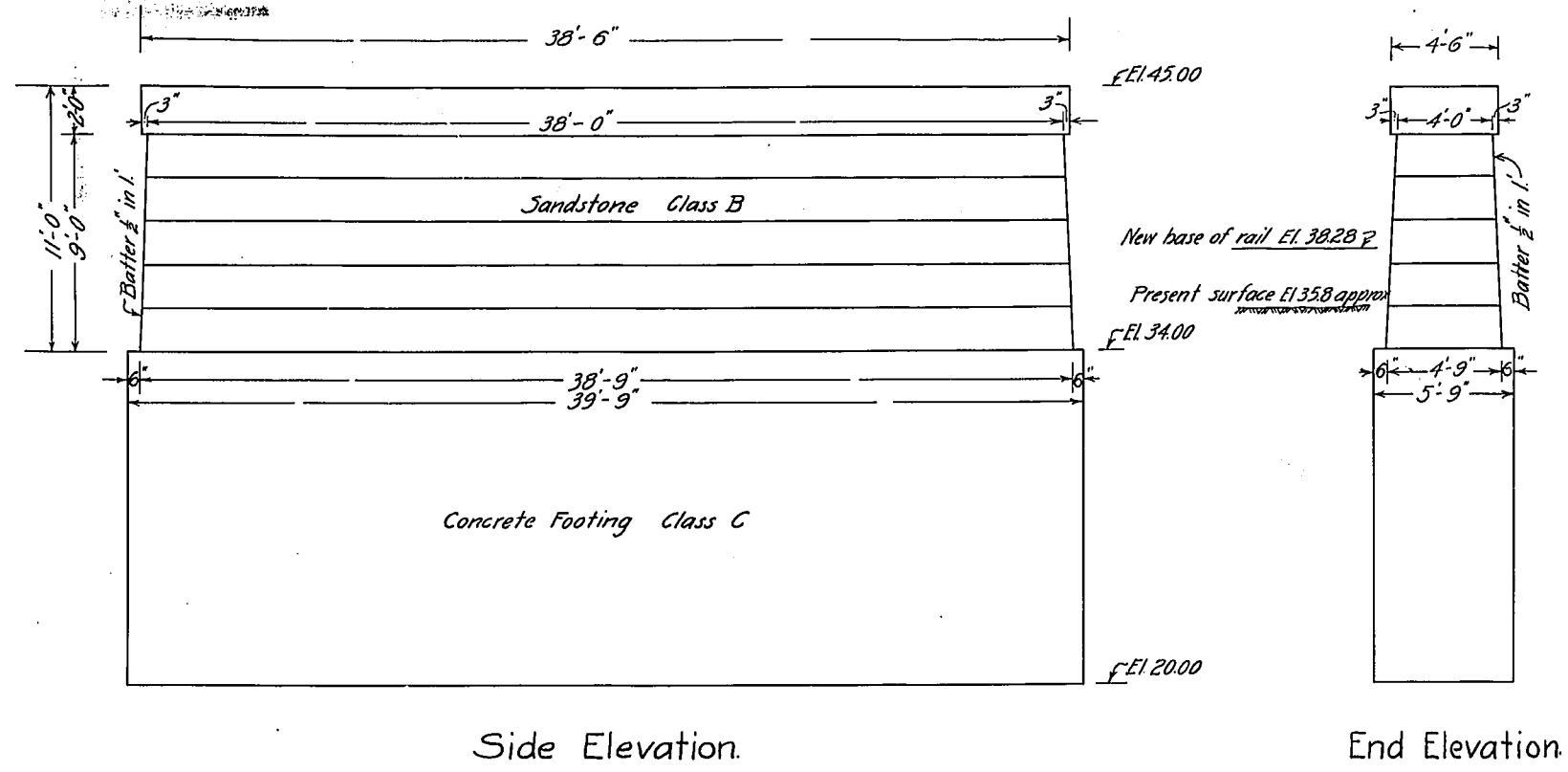
Sectional Plan.

Note - Super-structure not included in this contract.



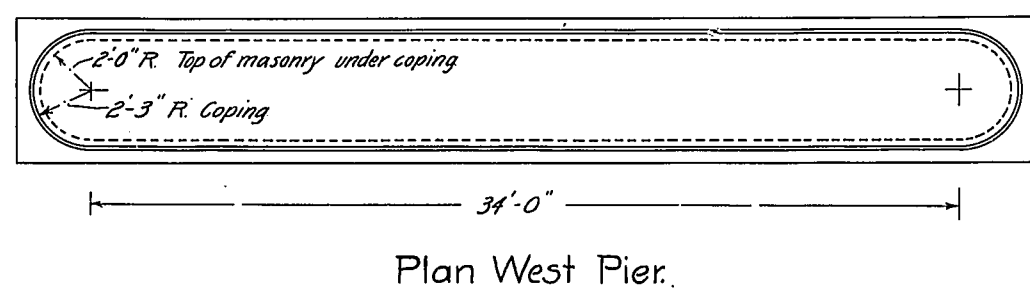
Approved
 Chief Engr.
 Eng'r in Charge.
 Chief Engr. H.V.Ry.
 Chief Engr. T.&O.C.Ry.

Contract No. 2.
 City of Columbus Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Masonry for W. Mound Street Viaduct.
 General Plan and Elevation.
 Scale 1" = 30'
 8 Sheets, Sheet No. 1

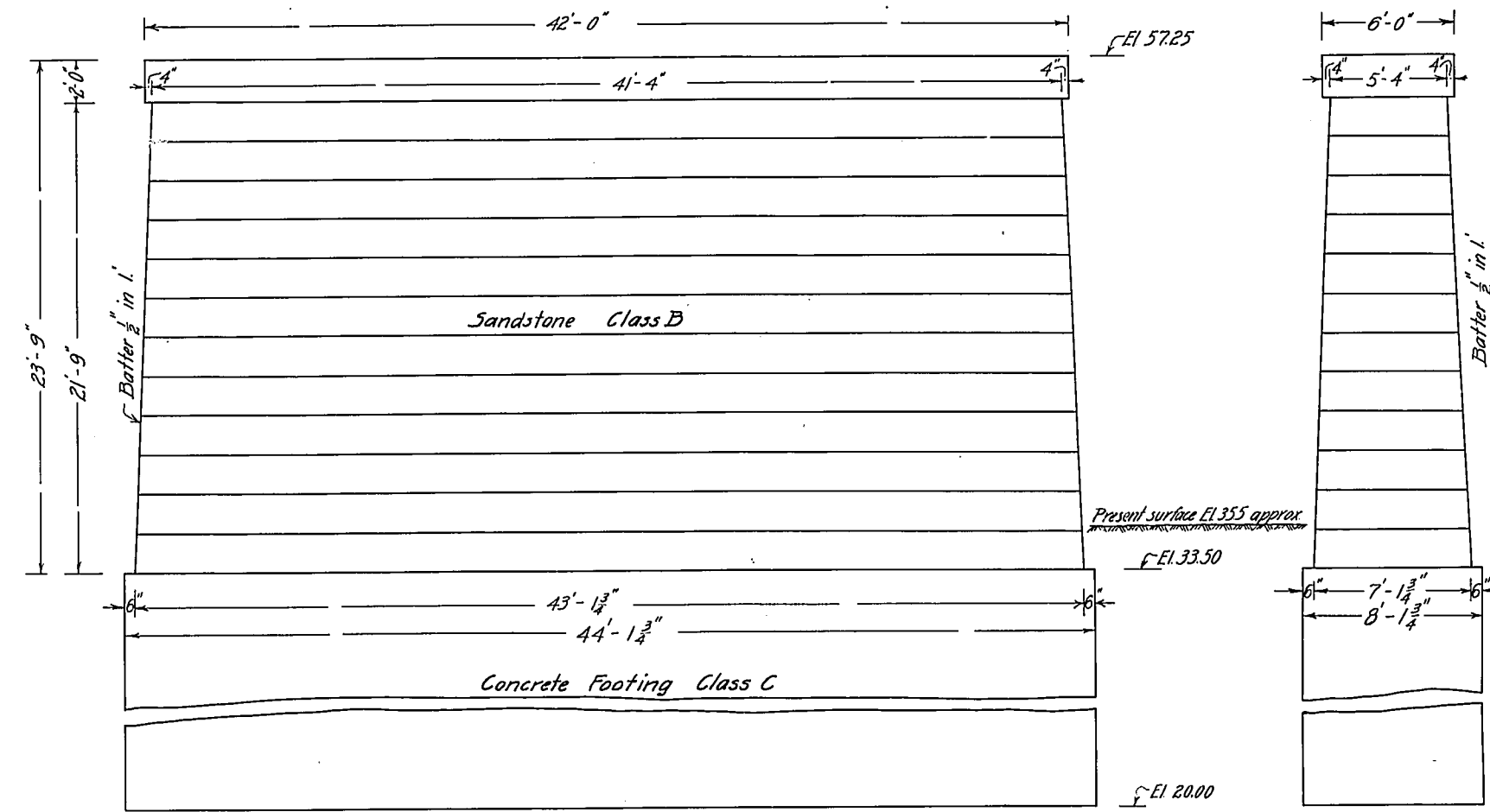


Side Elevation.

End Elevation.

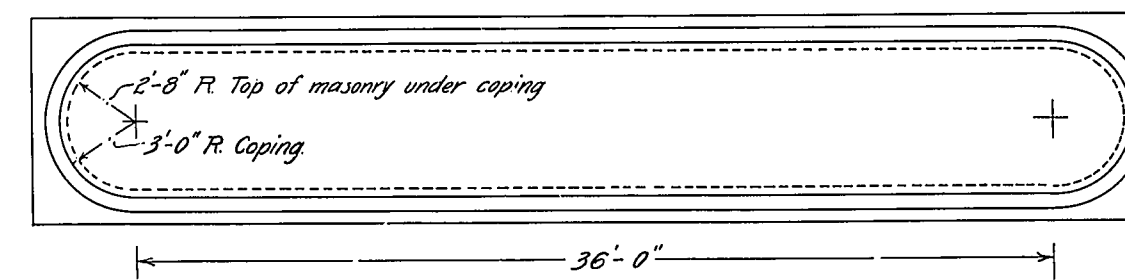


Plan West Pier.

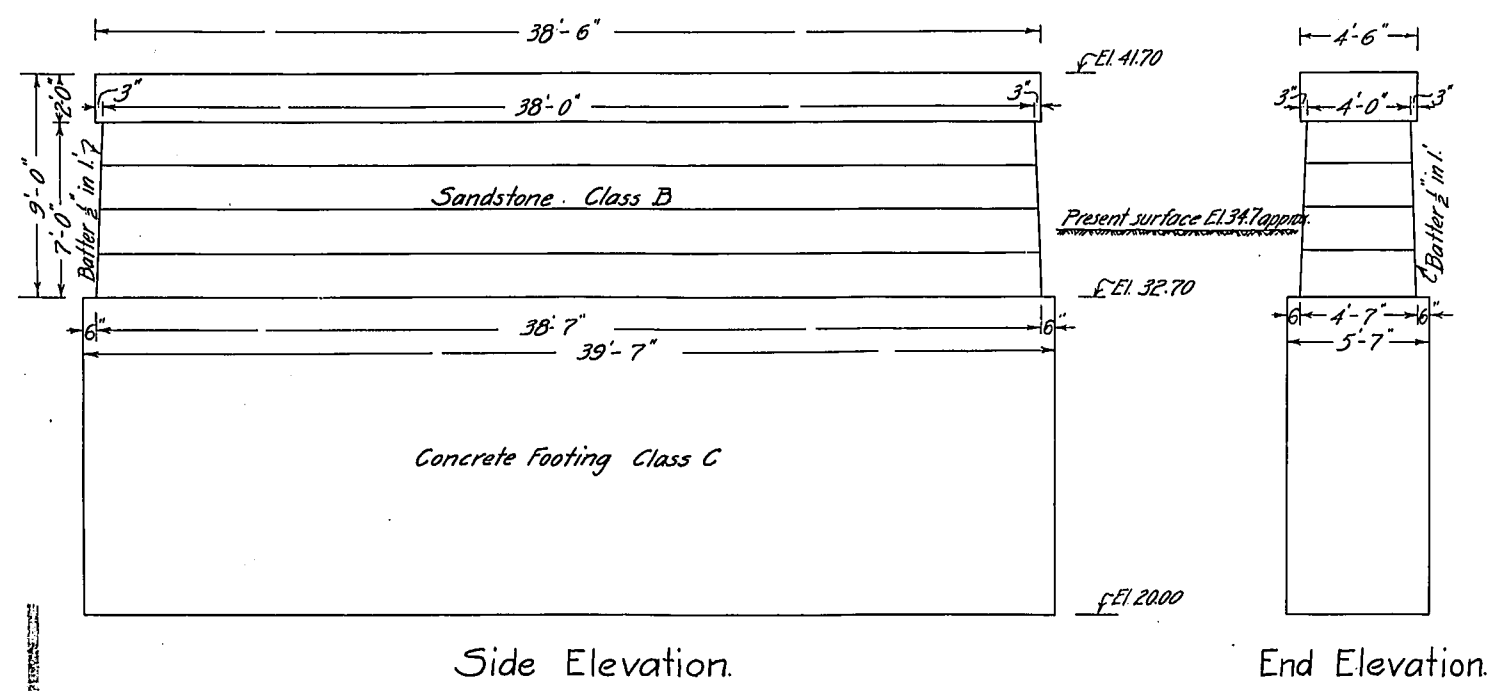


Side Elevation.

End Elevation.

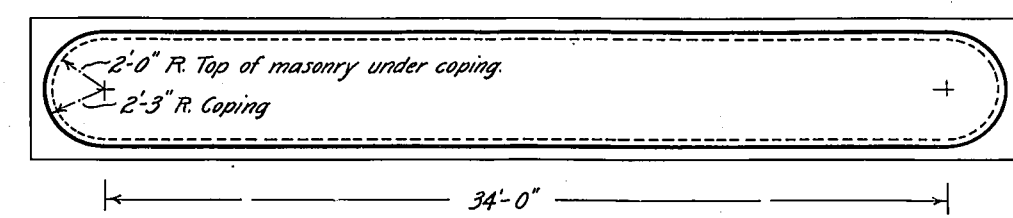


Plan Middle Pier.

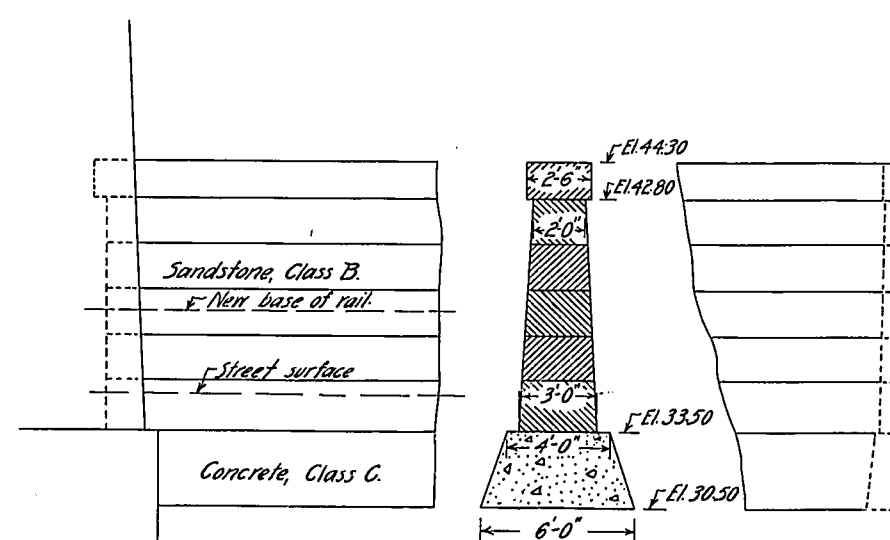


Side Elevation.

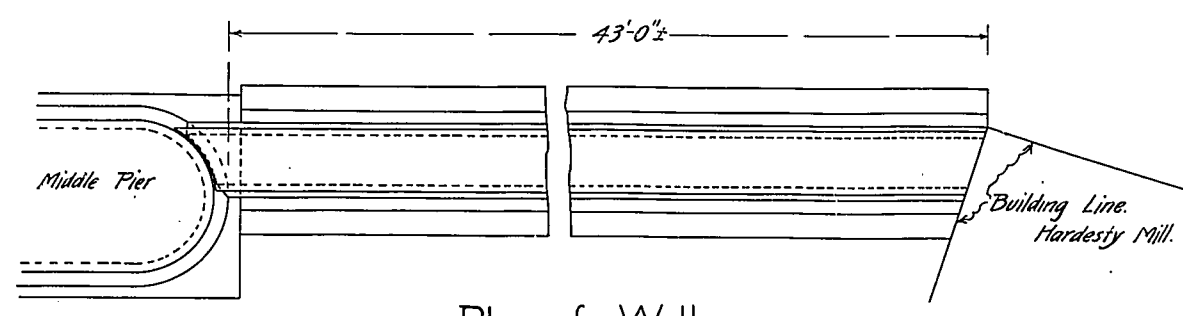
End Elevation.



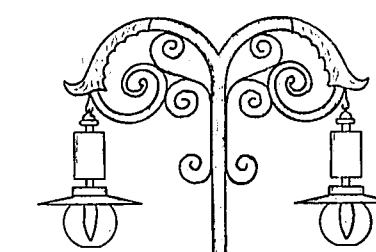
Plan East Pier.



Elevation and Section.



Plan of Wall.

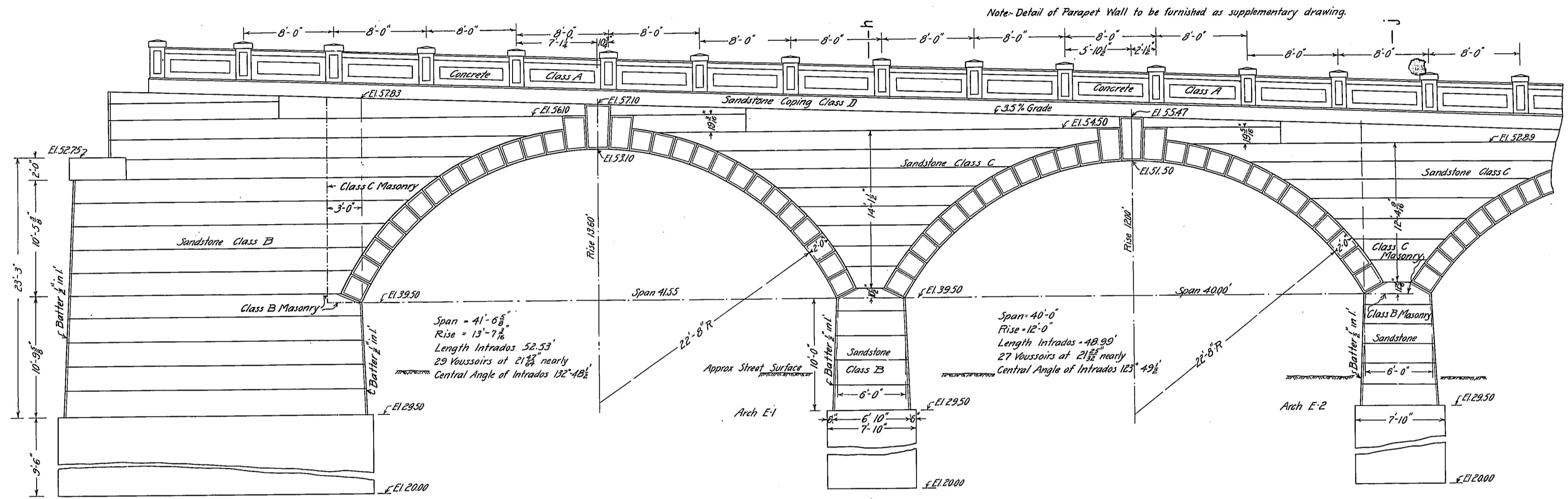


Detail of Light Pole
Scale 1/2" = 1'

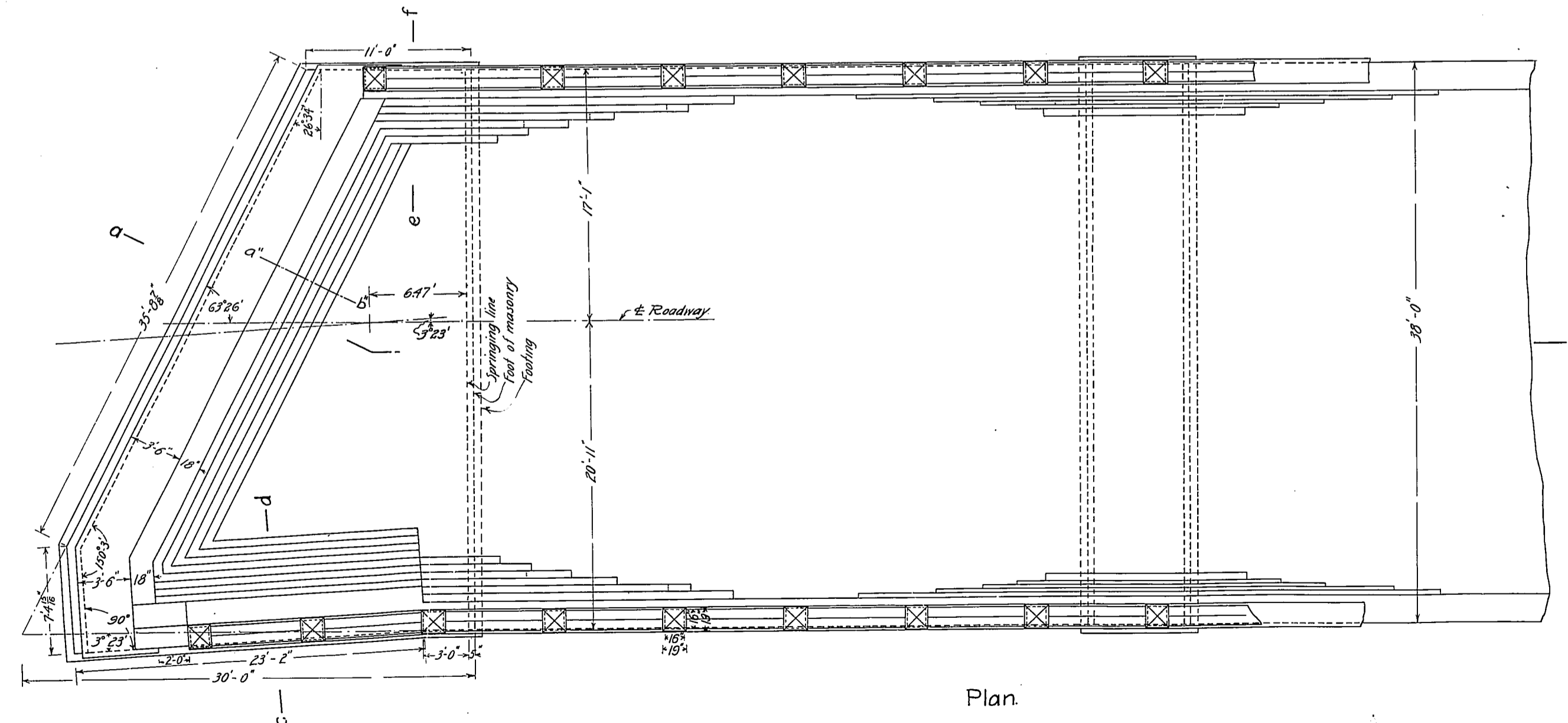
Approved
 _____ Chief Engr.
 _____ Engr in Charge.
 _____ Chief Engr H.V.Ry.
 _____ Chief Engr T.&O.C.Ry.

Contract No. 2
 City of Columbus, Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Masonry for W. Mound Street Viaduct.
 Plan and Elevation of Piers.
 Scale 1/4" = 1'

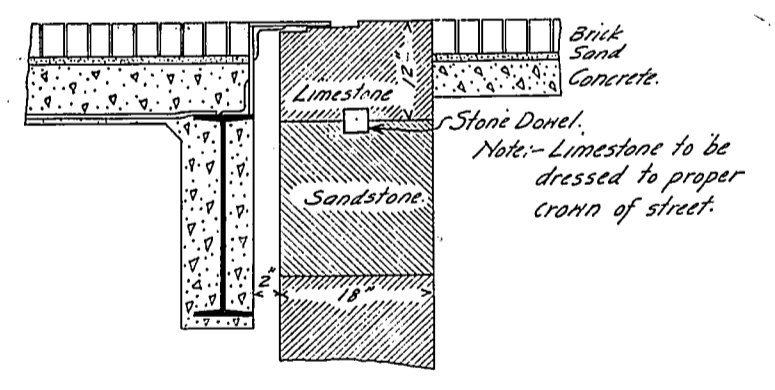
8 Sheets, Sheet No. 2



Elevation.



Plan.



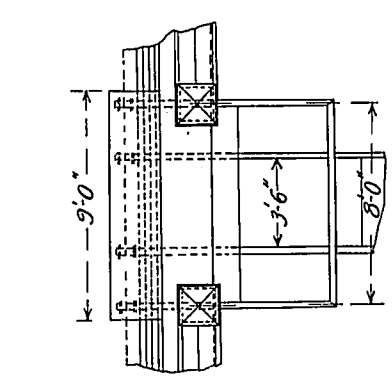
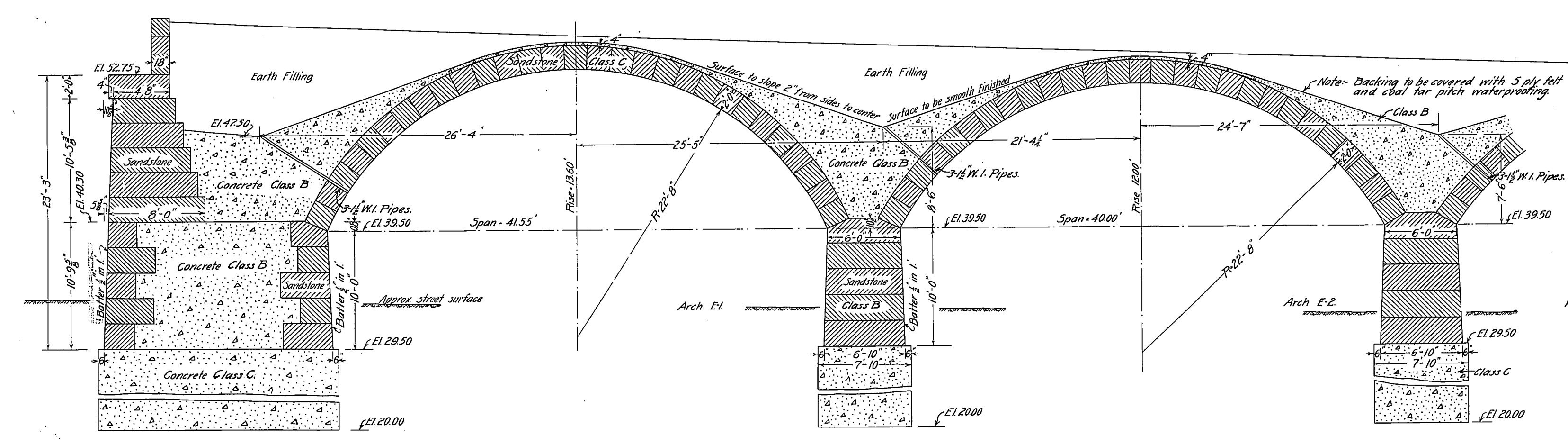
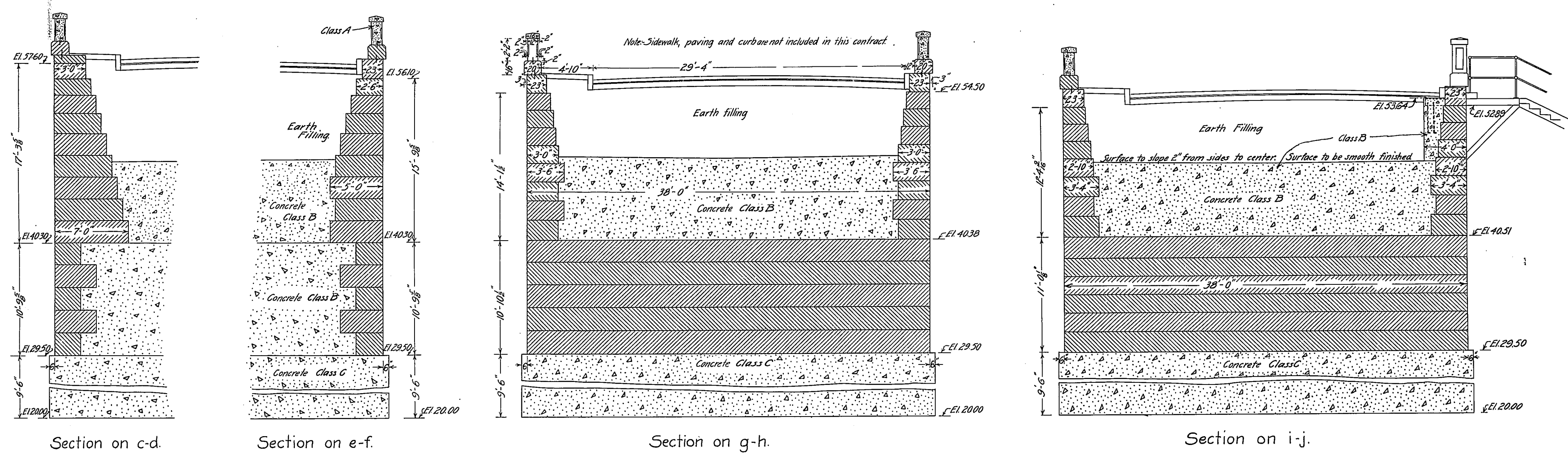
Section a-b of Ballast Wall.

Approved _____ Chief Engr.
 _____ Engr in Charge.
 _____ Chief Engr. H. V. Ry.
 _____ Chief Engr. T. & O. C. Ry.

Contract No. 2
 City of Columbus, Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Masonry for W. Mound Street Viaduct.
 East Abutment and Arches.
 Scale 1/4" = 1'.

712466

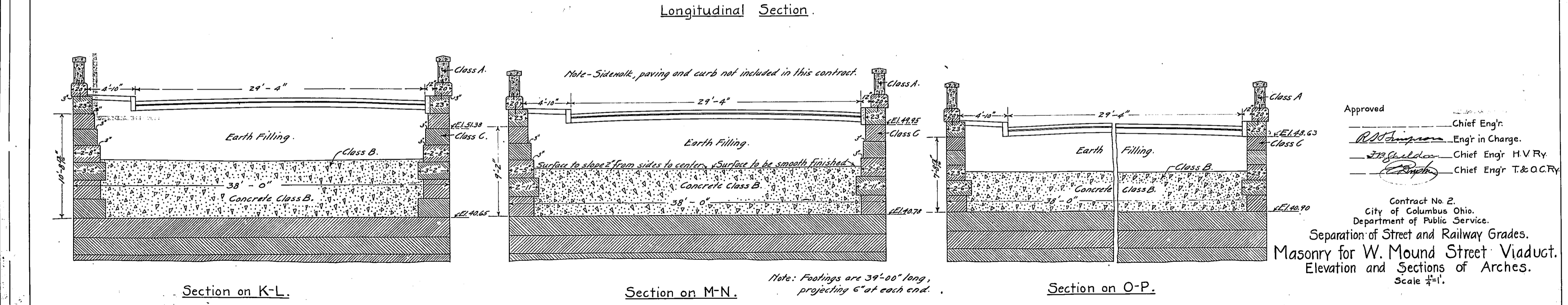
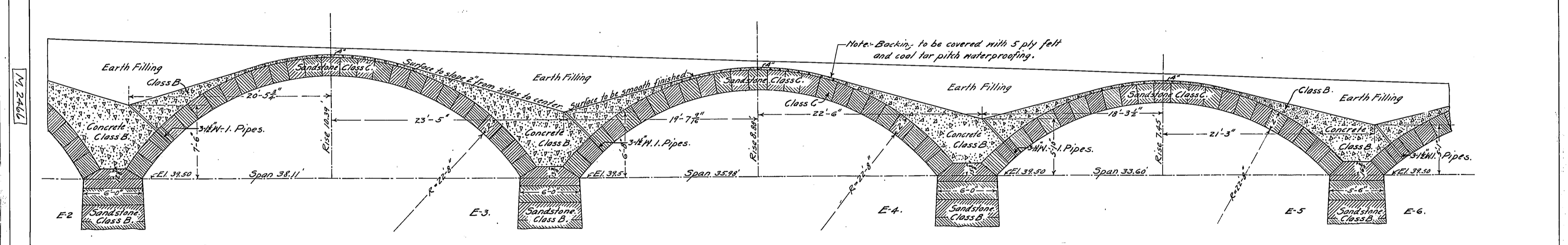
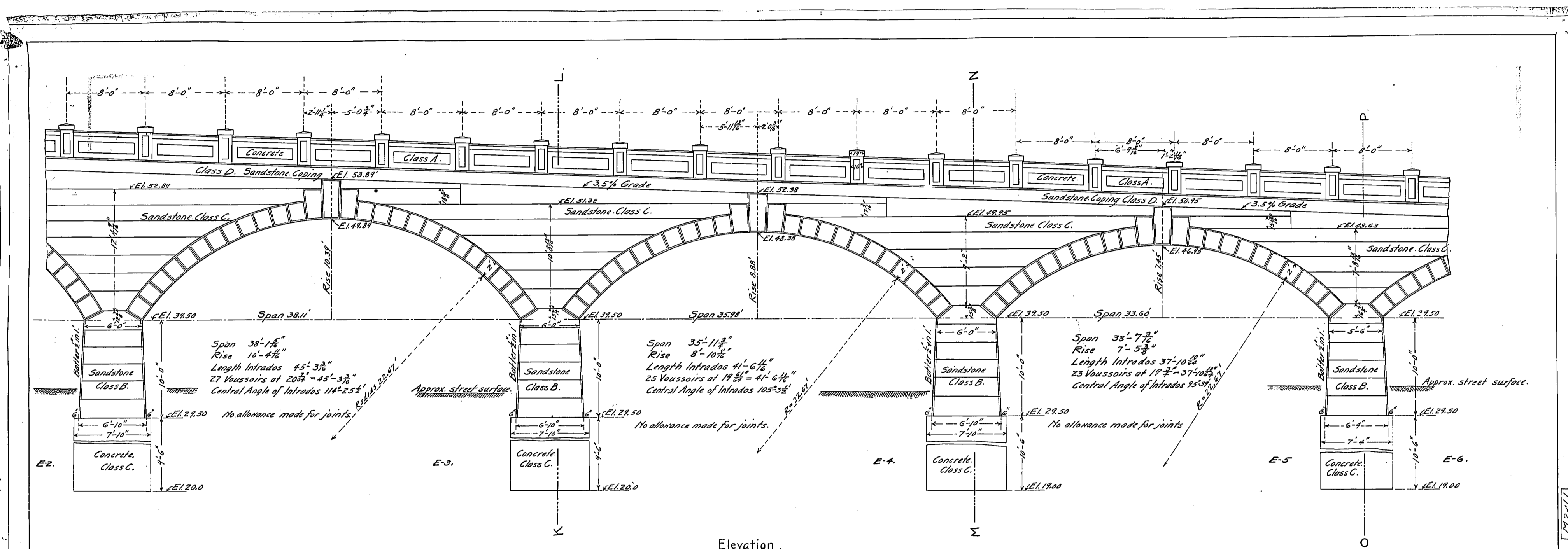
712466



Approved _____ Chief Engr.
 _____ Engr. in Charge.
 _____ Chief Engr. H.V. Ry.
 _____ Chief Engr. T.&O.C.R.

Contract No. 2.
 City of Columbus, Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Masonry for W. Mound Street Viaduct.
 Sections, East Abutment and Arches.
 Scale 1/4" = 1'

8 Sheets. Sheet No. 4.



Approved

Chief Engr.

Engr. in Charge.

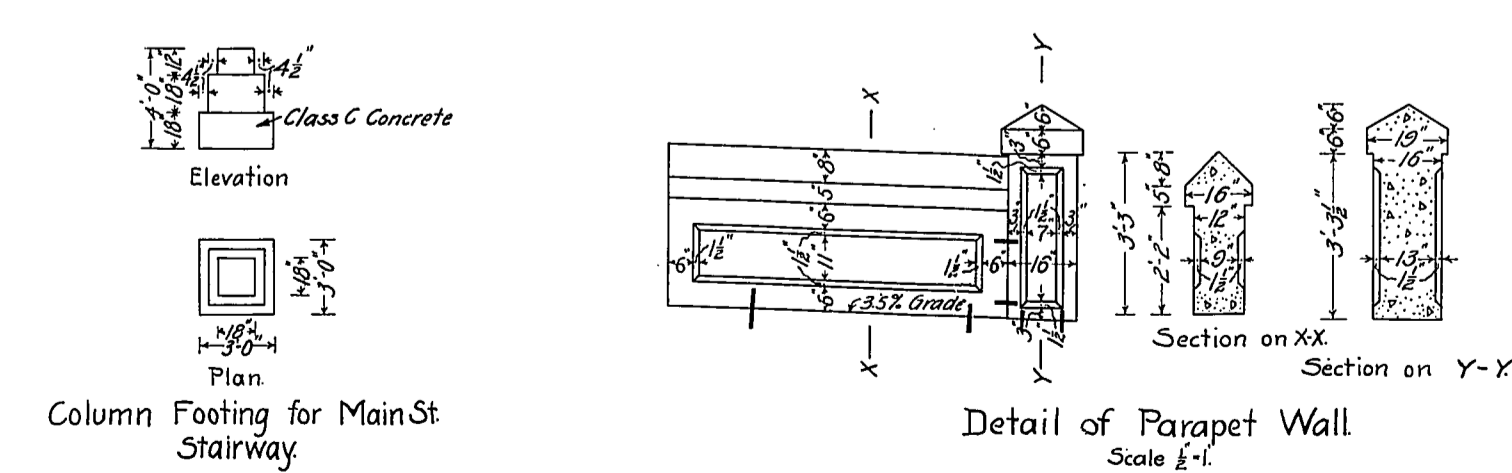
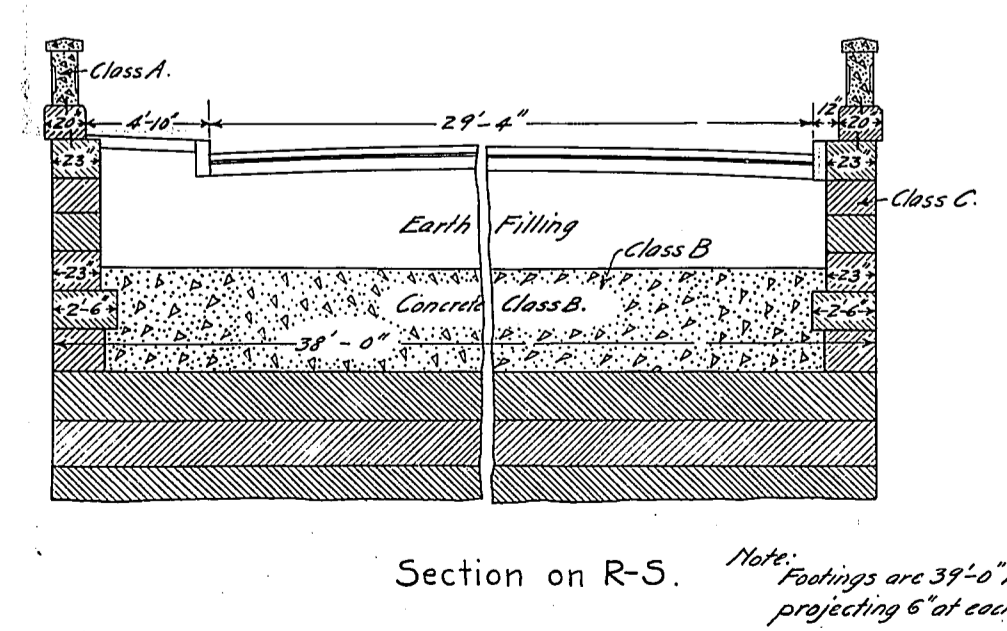
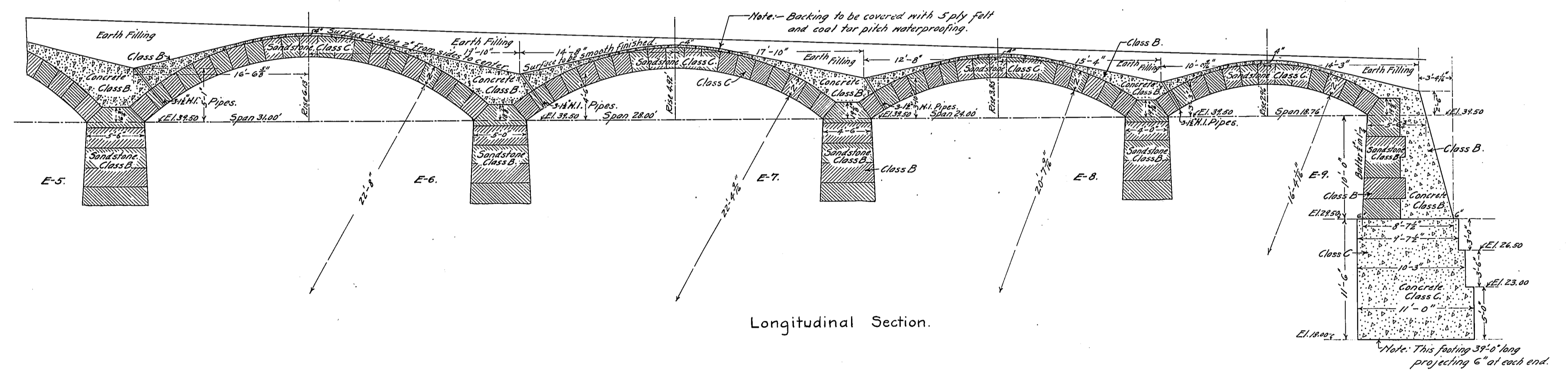
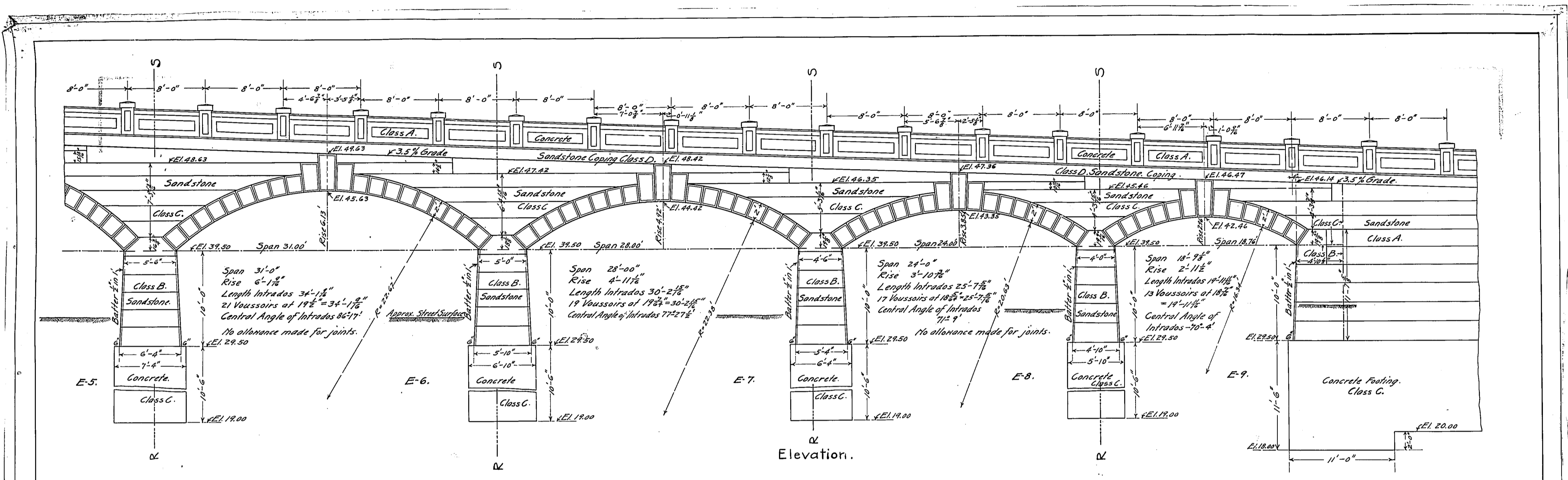
Chief Engr. H.V.Ry.

Chief Engr. T.&O.C.Ry.

Contract No. 2.
City of Columbus Ohio.
Department of Public Service.

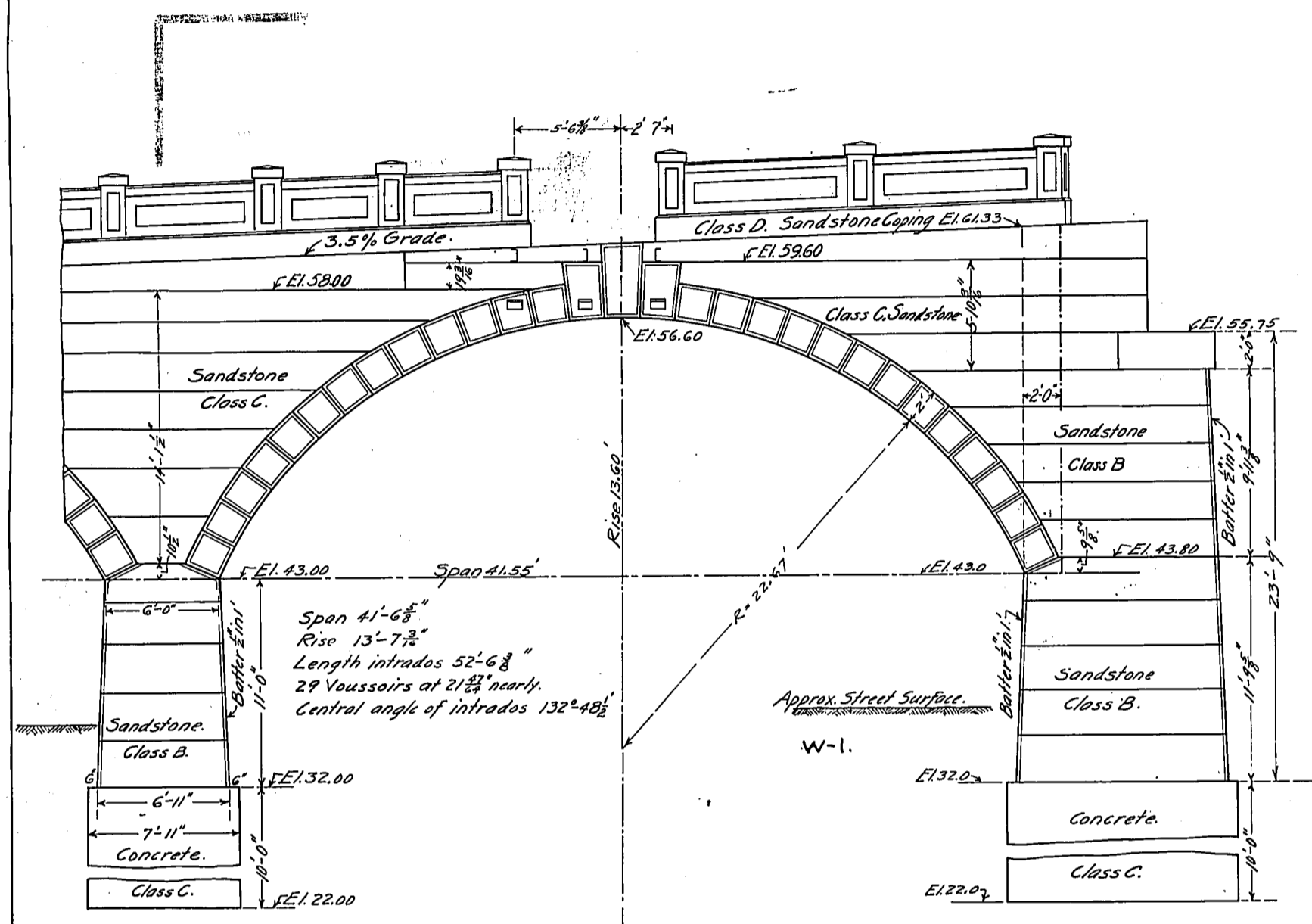
Separation of Street and Railway Grades.
Masonry for W. Mound Street Viaduct.
Elevation and Sections of Arches.
Scale 1/2" = 1'.

8 Sheets. Sheet No. 5.

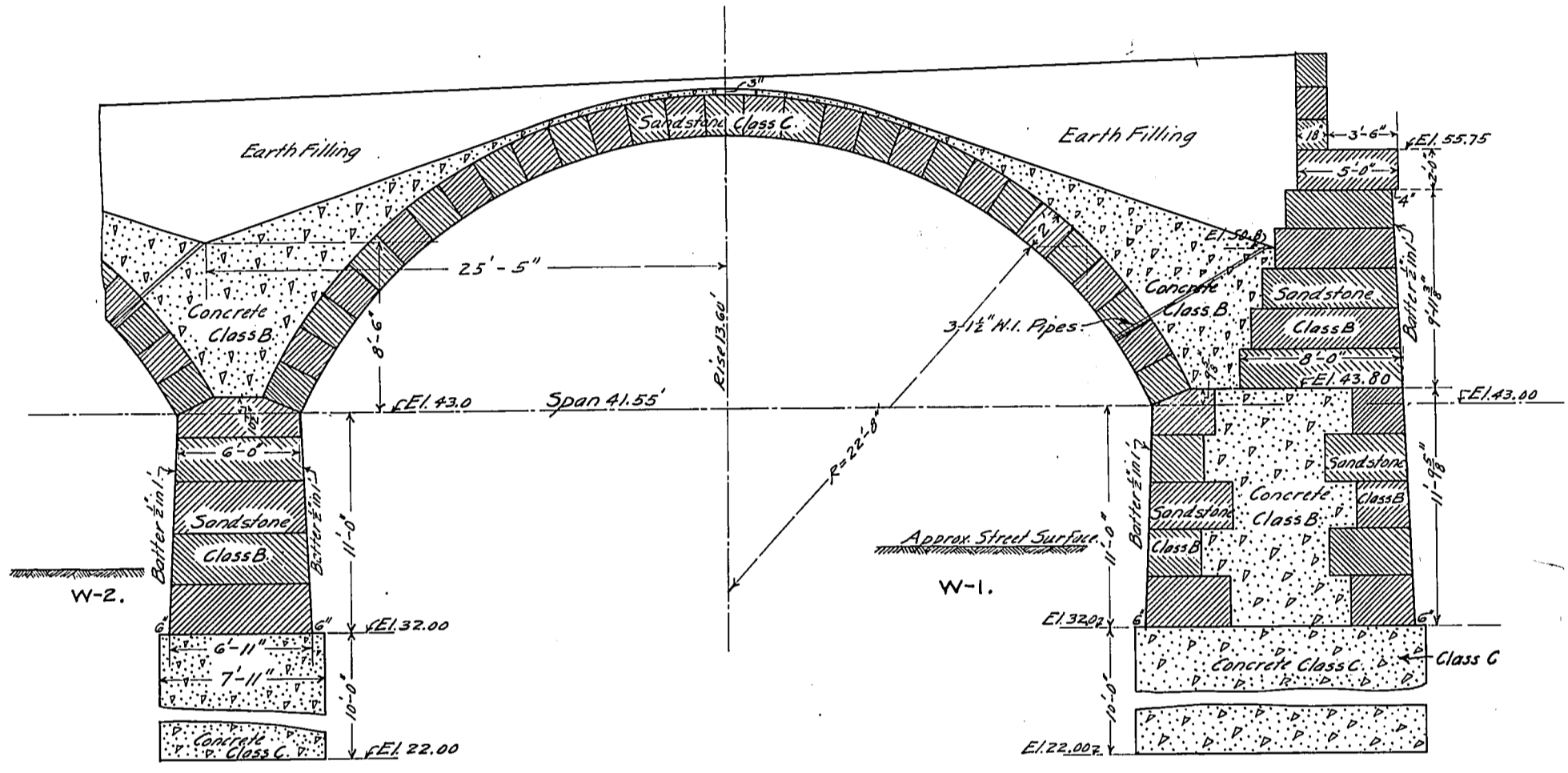


Approved _____ Chief Engr.
 _____ Engr in Charge.
 _____ Chief Engr. H.V. Ry.
 _____ Chief Engr. T & O.C. Ry.

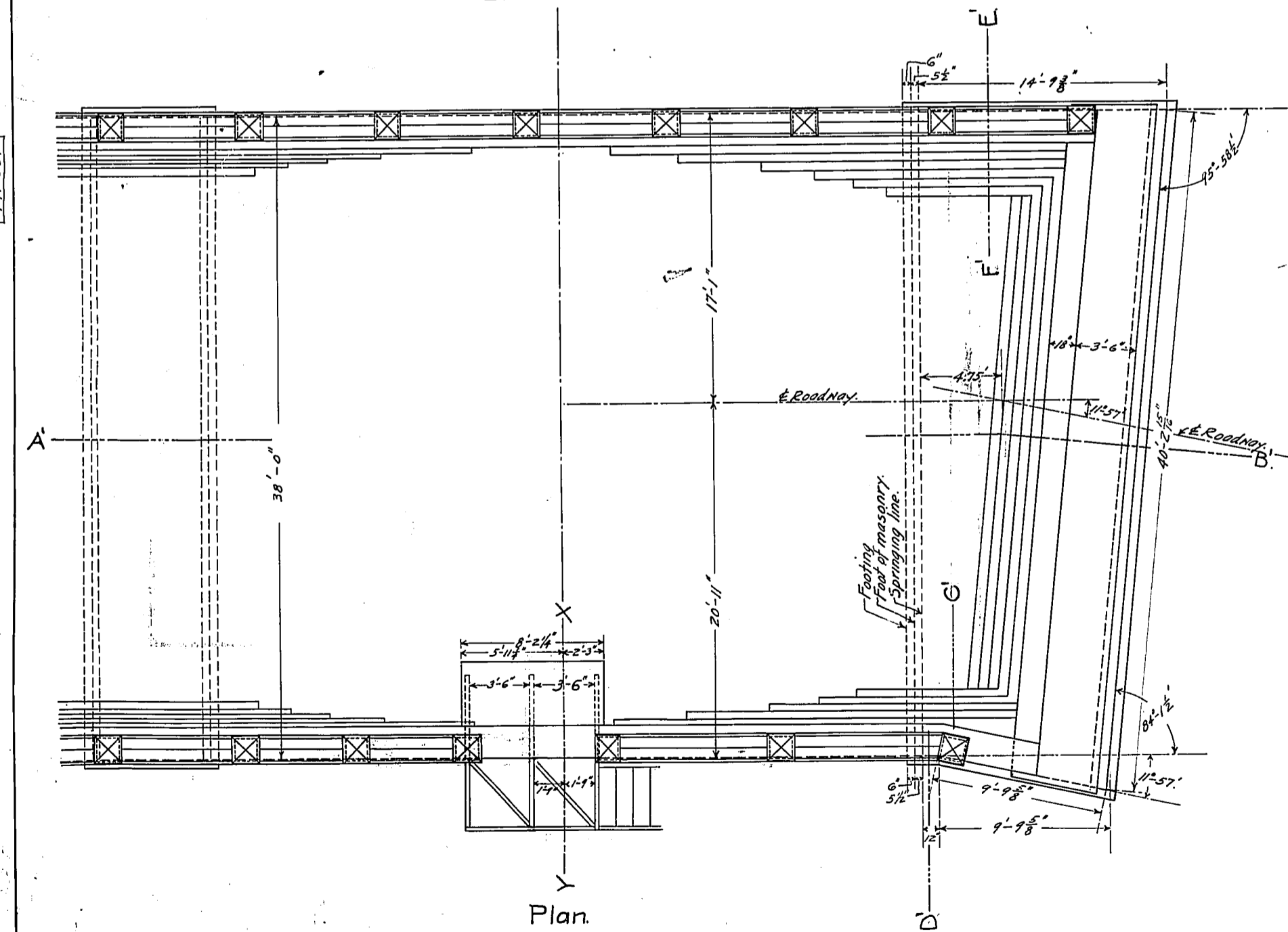
Contract No. 2.
 City of Columbus Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Masonry for W. Mound Street Viaduct.
 Elevation and Sections of Arches.
 Scale 1/2"=1'.



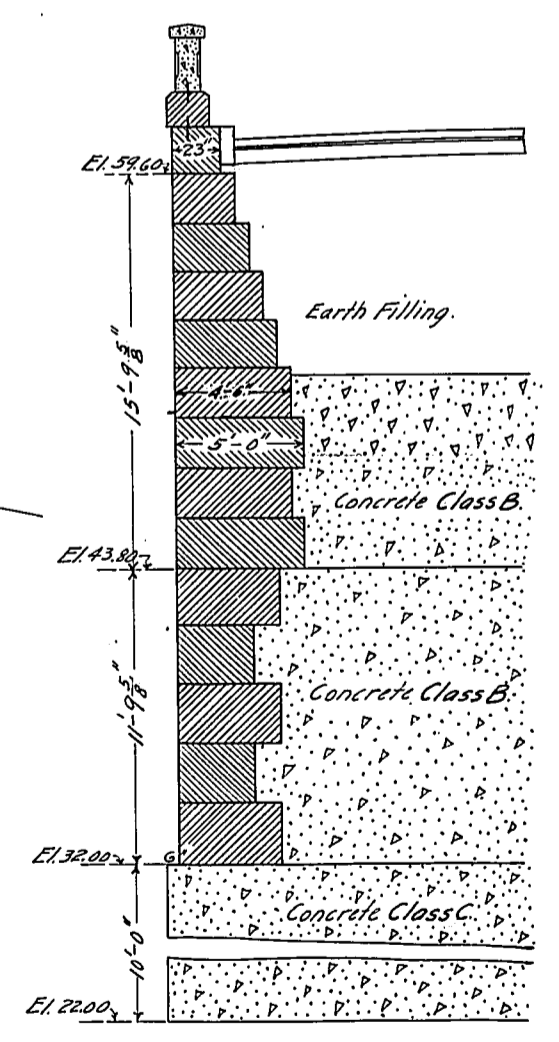
Elevation.



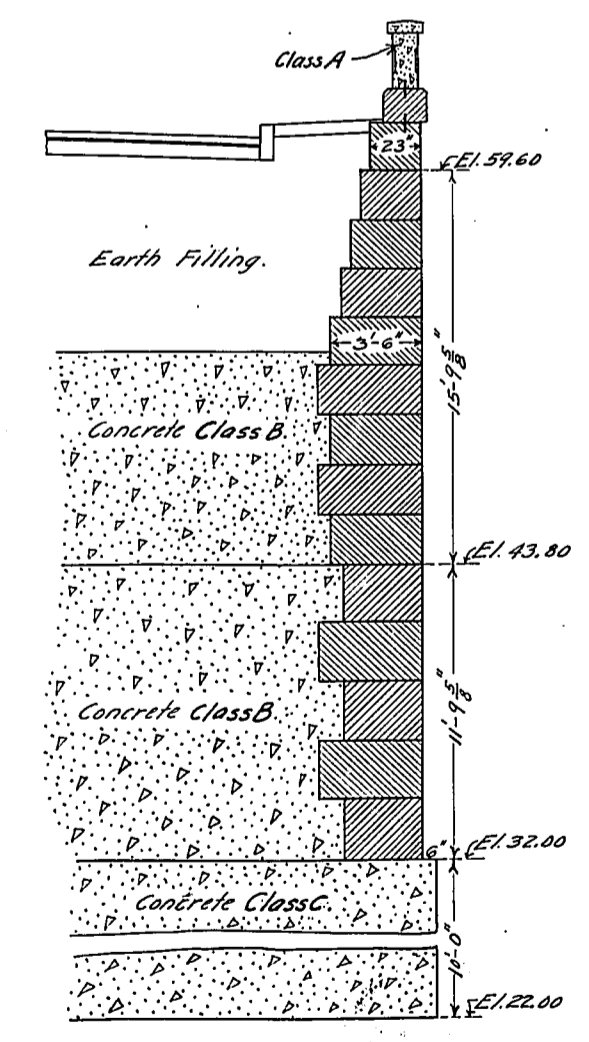
Longitudinal Section on A-B'.



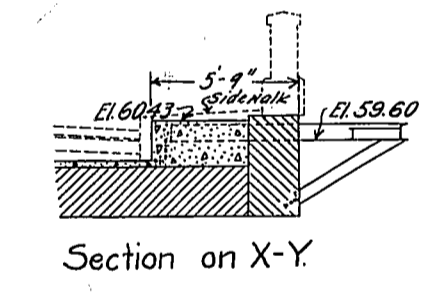
Plan.



Section on E-F'.



Section on C-D'.

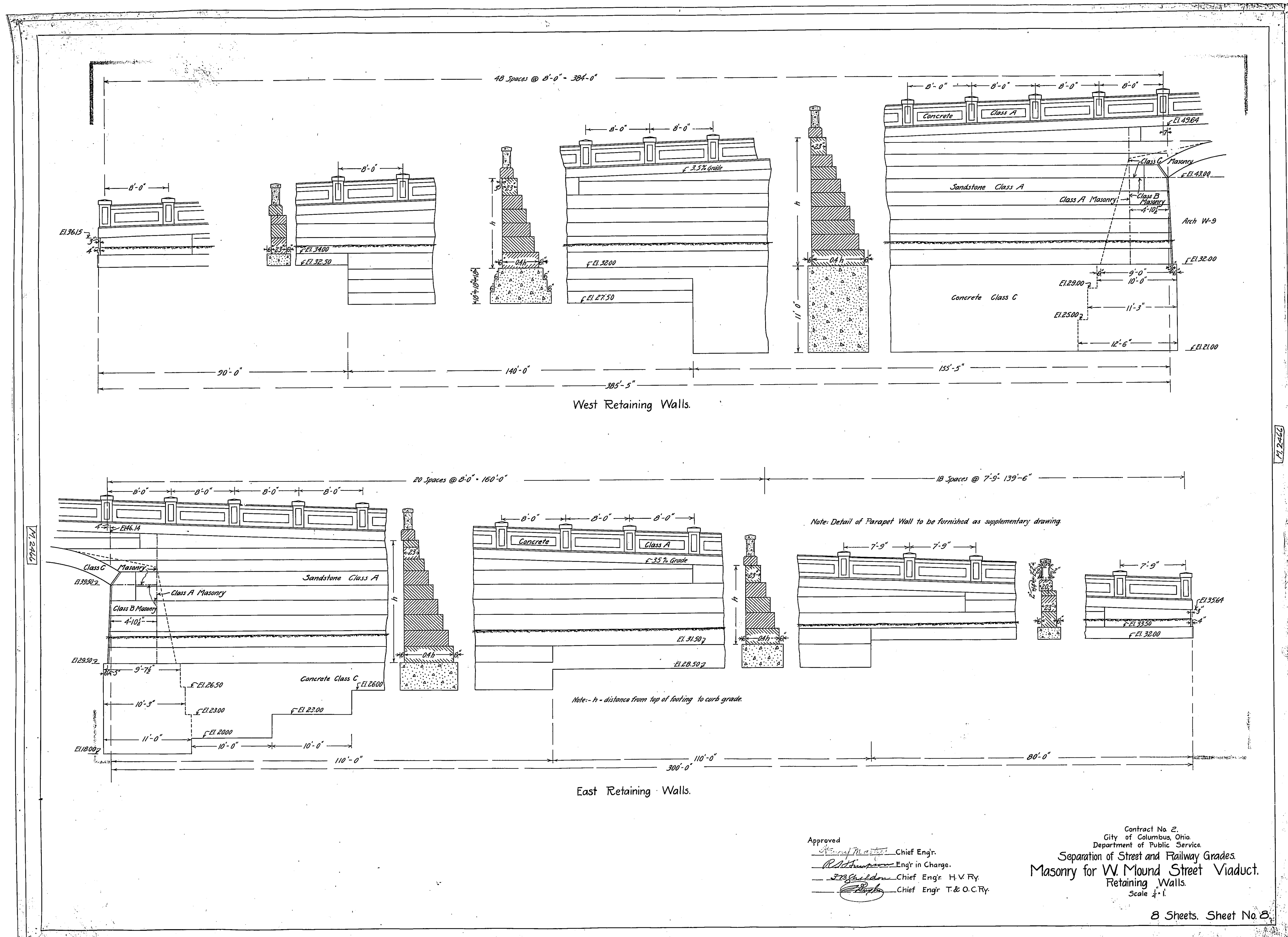


Section on X-Y.

Approved _____ Chief Eng'r.
 _____ Engr in Charge.
 _____ Chief Engr H.V.Ry.
 _____ Chief Engr T.&O.C.Ry.

Contract No. 2
 City of Columbus Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Masonry for W. Mound Street Viaduct.
 West Abutment.
 Scale 1/4"=1'.

8 Sheets. Sheet No. 7.



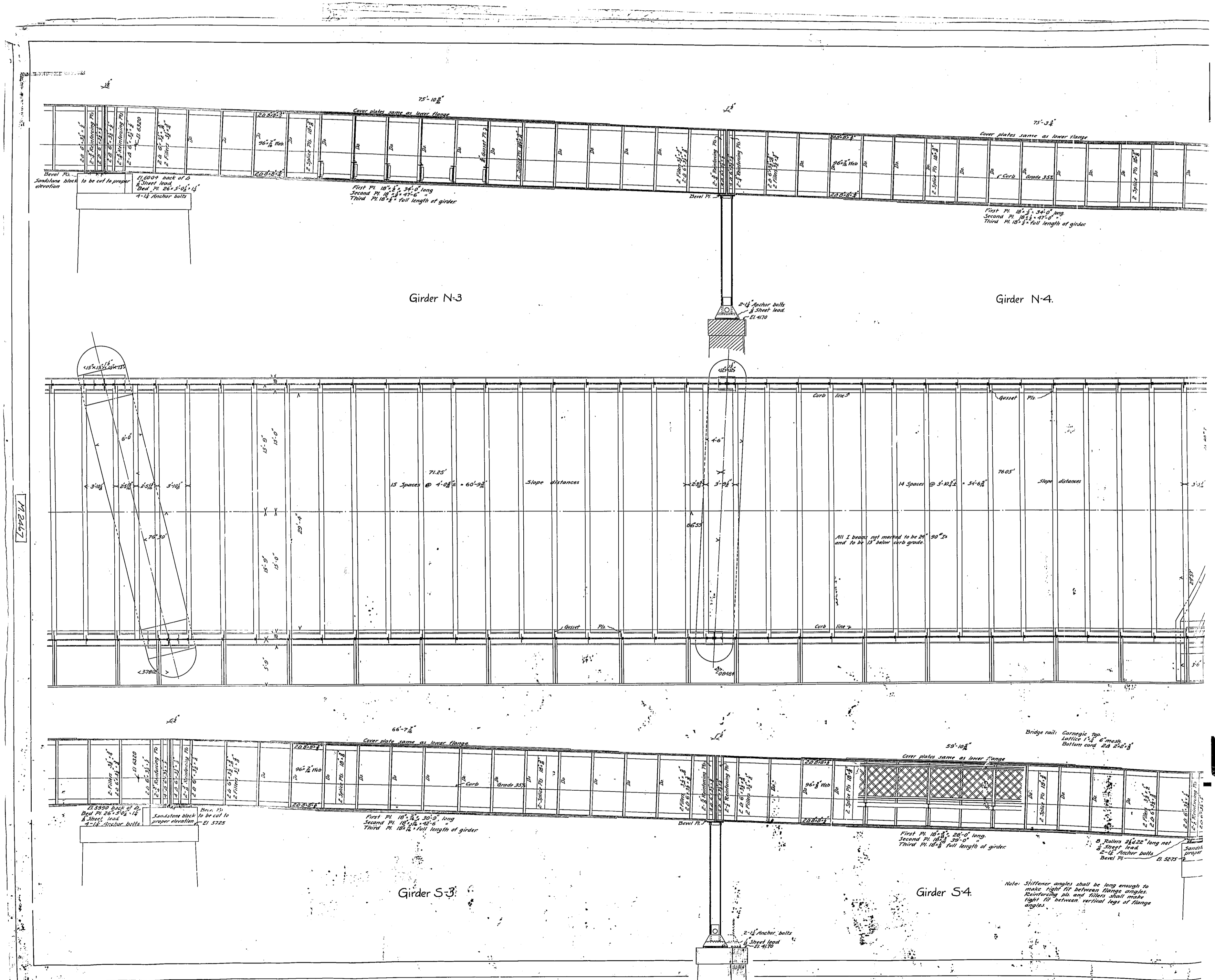
West Retaining Walls.

East Retaining Walls.

Approved
Stearns Chief Engr.
R. H. ... Engr in Charge.
J. B. ... Chief Engr. H.V.Ry.
... Chief Engr. T. & O.C.Ry.

Contract No. 2.
 City of Columbus, Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Masonry for W. Mound Street Viaduct.
 Retaining Walls.
 Scale 1/4" = 1'

8 Sheets. Sheet No. 8.



Girders N-3

Girders N-4

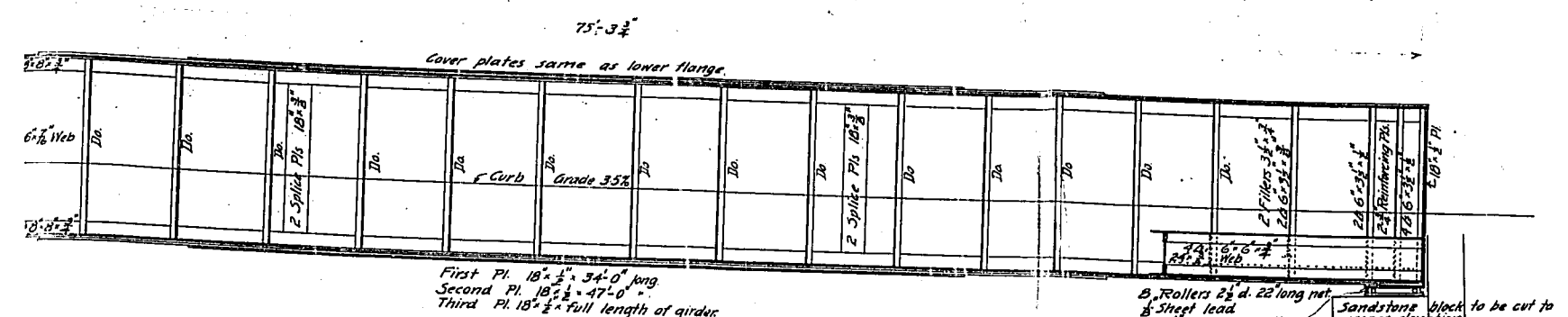
Girders S-3

Girders S-4

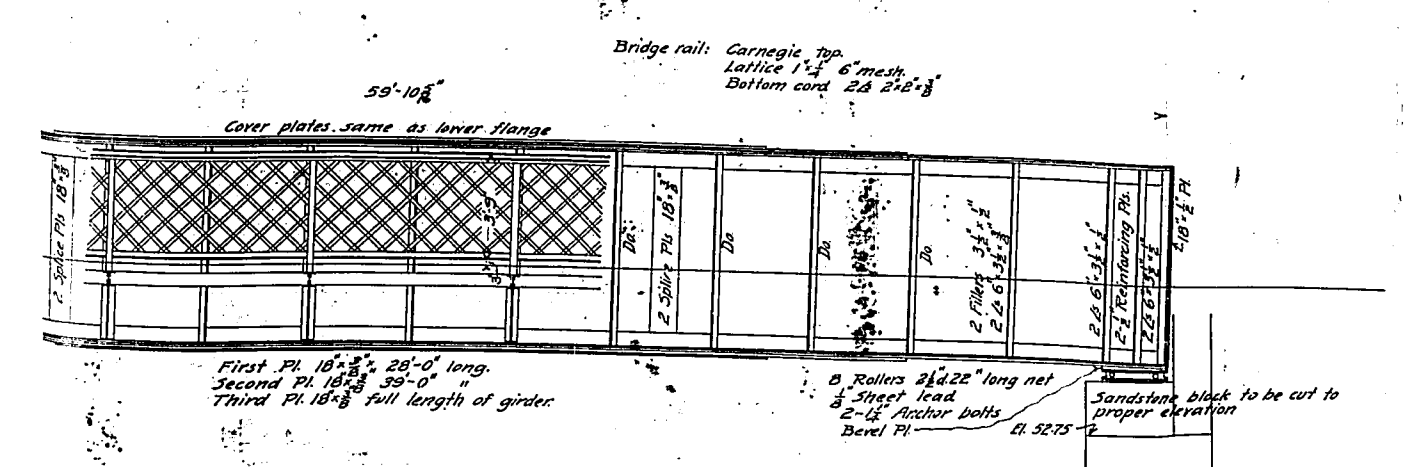
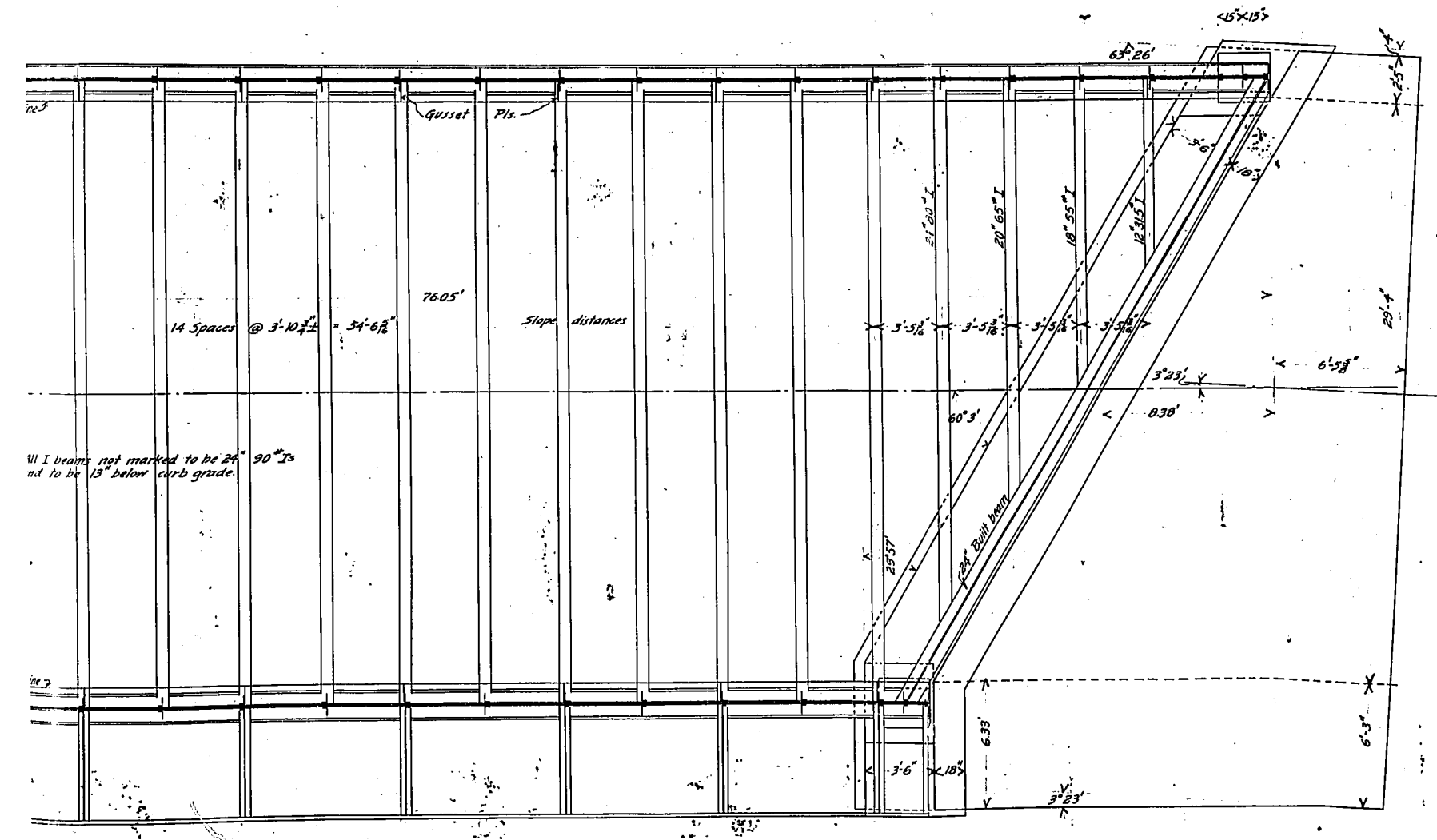
172427

Bridge rail: Carnegie Top
Lattice 1 1/2" x 6" mesh
Bottom cord 24 2 1/2" x 3"

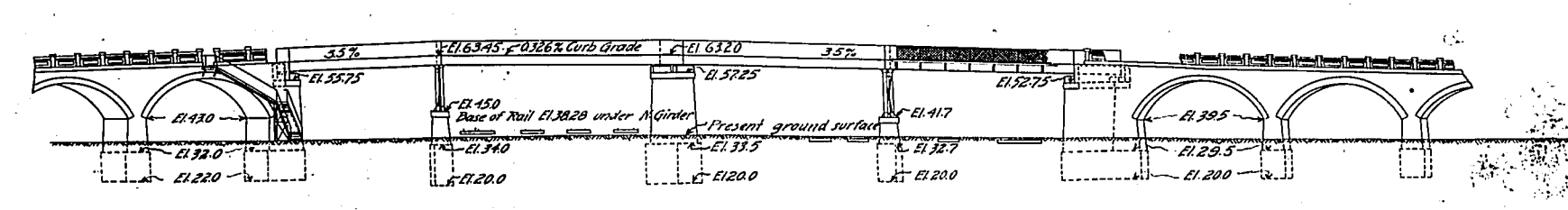
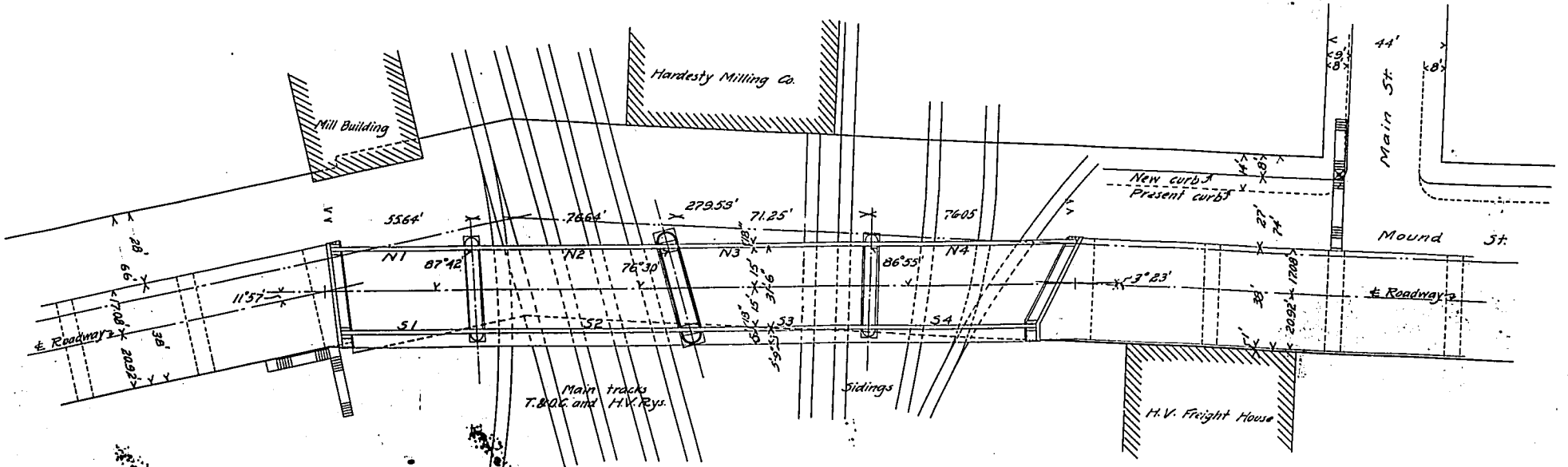
Note: Stiffener angles shall be long enough to make tight fit between flange angles. Reinforcing ribs and fillets shall make tight fit between vertical legs of flange angles.



Girder N-4.



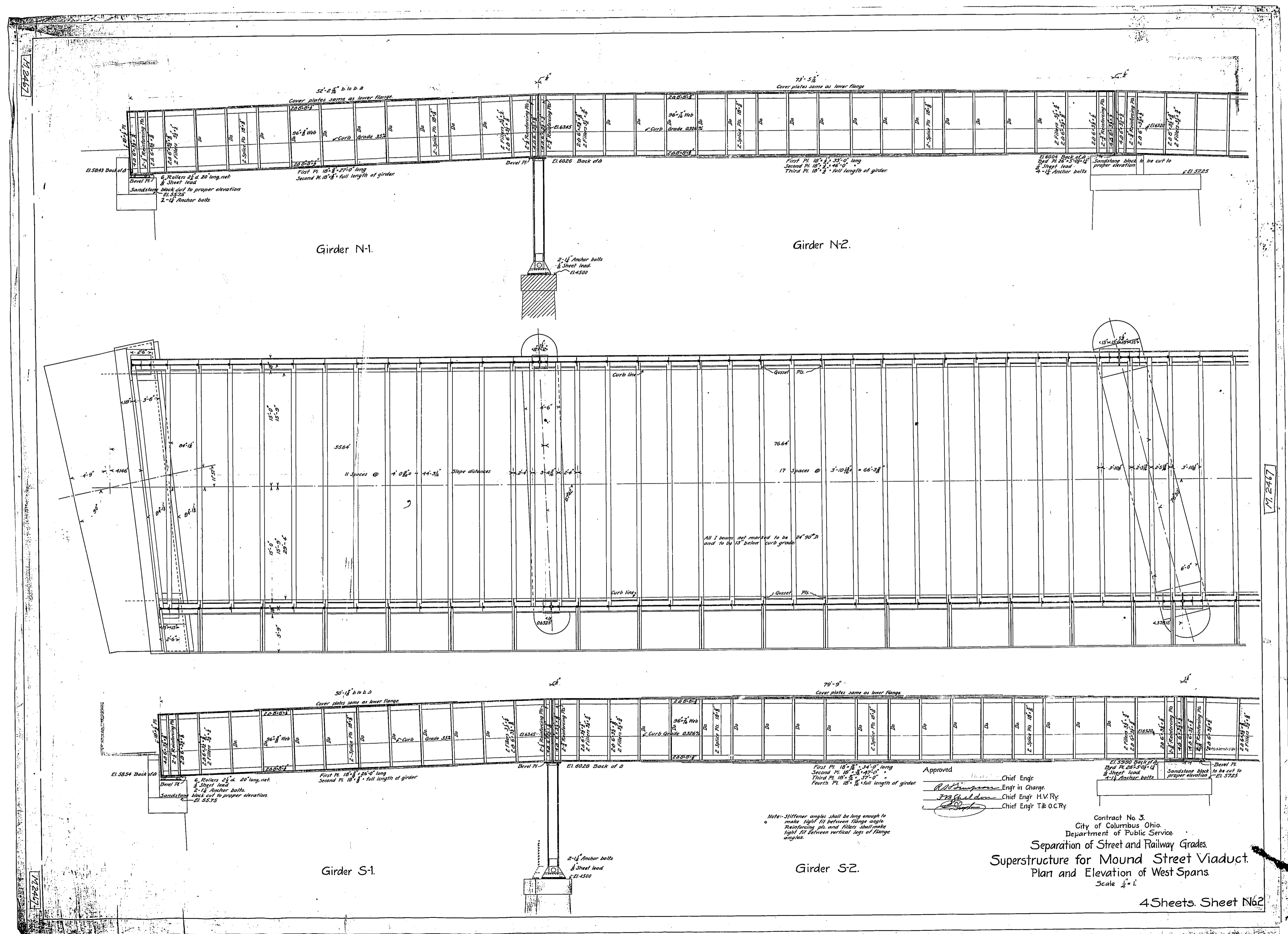
Girder S-4.



Approved
 H. W. M. Chief Engr.
 R. H. J. Engr. in Charge
 J. G. Chief Engr. H.V.Ry.
 Chief Engr. T. & O.C.Ry.

Contract No. 3.
 City of Columbus Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Superstructure for Mound Street Viaduct.
 Plan and Elevation of East Spans.
 Scale 1/4"=1'

4 Sheets. Sheet No. 1.



52'-2 1/8" b to b
Cover plates same as lower flange

75'-5"
Cover plates same as lower flange

El. 5843 Back of d
Bent P1
6 Rollers 2 1/2" x 20" long, net
8 Sheet lead
Sandstone
Back cut to proper elevation
El. 5825
2-1/2" Anchor bolts

First Pl. 10'-3" x 27'-0" long
Second Pl. 10'-3" full length of girder

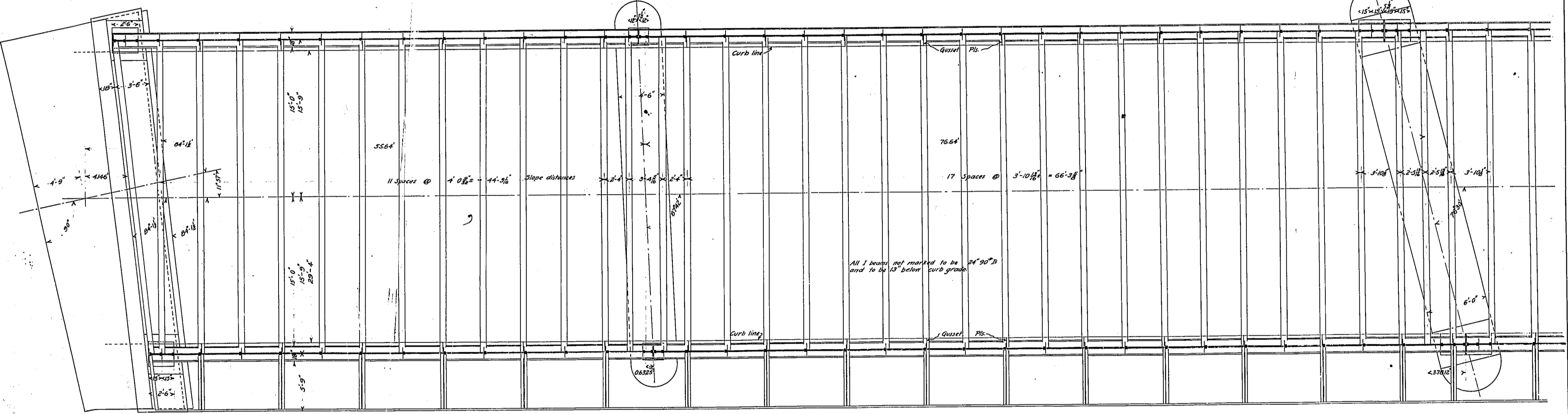
El. 6020 Back of d
Bent P2
2-1/2" Anchor bolts
8 Sheet lead
El. 5800

First Pl. 10'-3" x 33'-0" long
Second Pl. 10'-3" x 46'-0" long
Third Pl. 10'-3" full length of girder

El. 6004 Back of d
Bent P3
2-1/2" Anchor bolts
8 Sheet lead
Sandstone block to be cut to proper elevation
El. 5825

Girder N-1.

Girder N-2.



All I beams not marked to be 24" x 20" and to be 13' below curb grade.

50'-15" b to b
Cover plates same as lower flange

75'-5"
Cover plates same as lower flange

El. 5854 Back of d
Bent P1
6 Rollers 2 1/2" x 20" long, net
8 Sheet lead
Sandstone
Back cut to proper elevation
El. 5825
2-1/2" Anchor bolts

First Pl. 10'-3" x 24'-0" long
Second Pl. 10'-3" full length of girder

El. 6020 Back of d
Bent P2
2-1/2" Anchor bolts
8 Sheet lead
El. 5800

First Pl. 10'-3" x 24'-0" long
Second Pl. 10'-3" x 27'-0" long
Third Pl. 10'-3" x 33'-0" long
Fourth Pl. 10'-3" full length of girder

El. 5990 Back of d
Bent P3
2-1/2" Anchor bolts
8 Sheet lead
Sandstone block to be cut to proper elevation
El. 5825

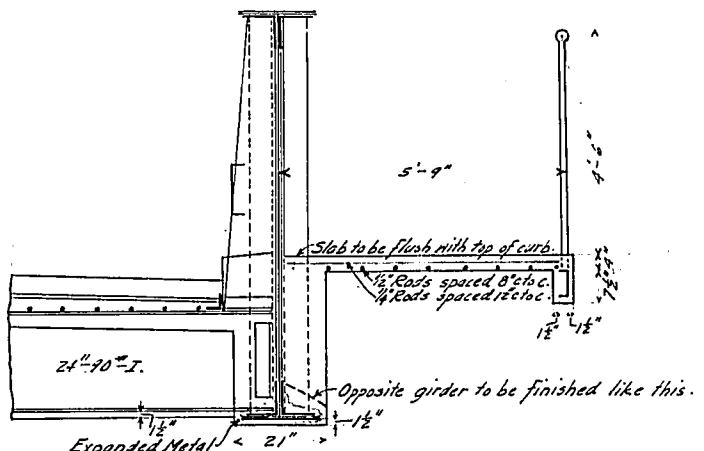
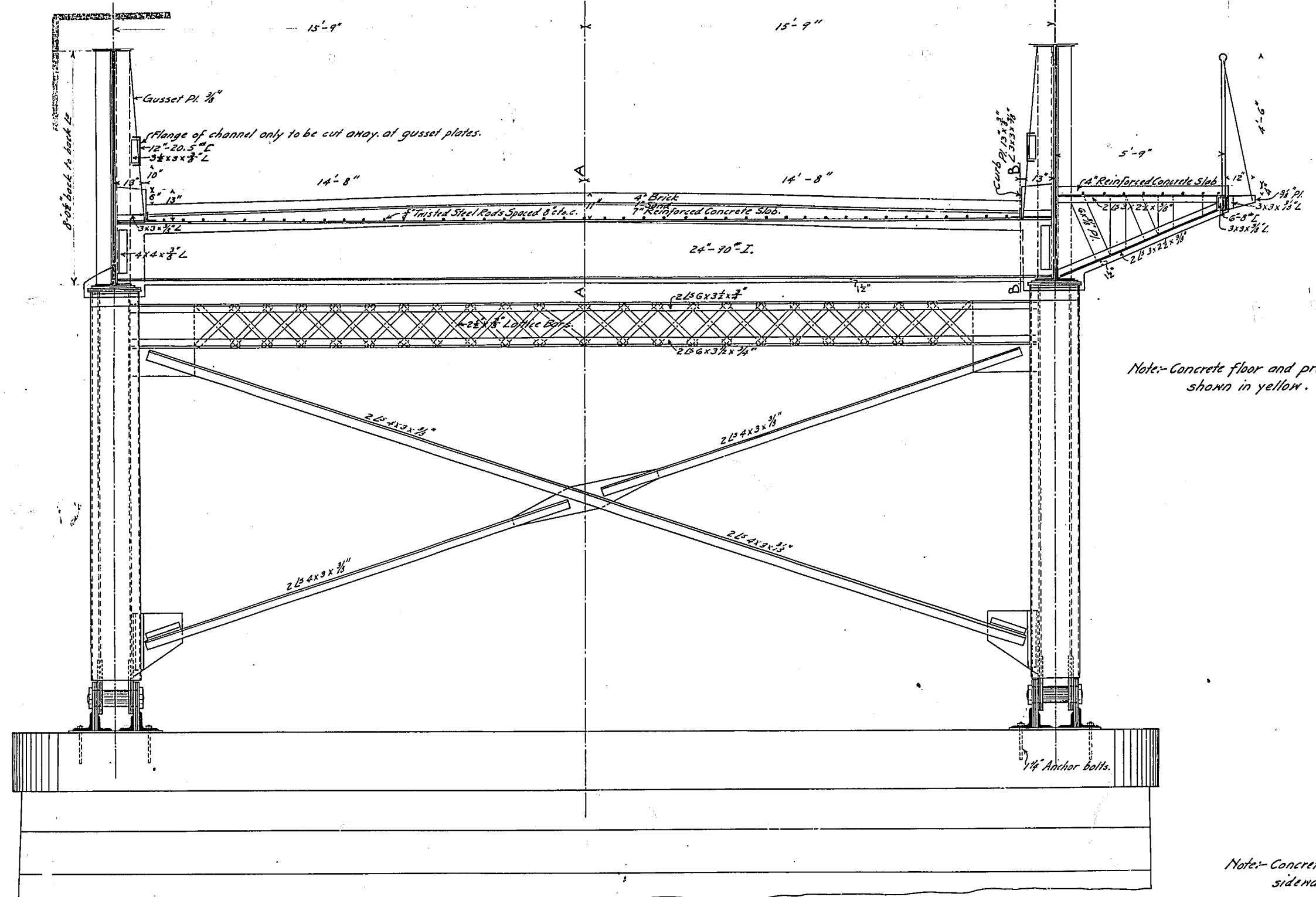
Girder S-1.

Girder S-2.

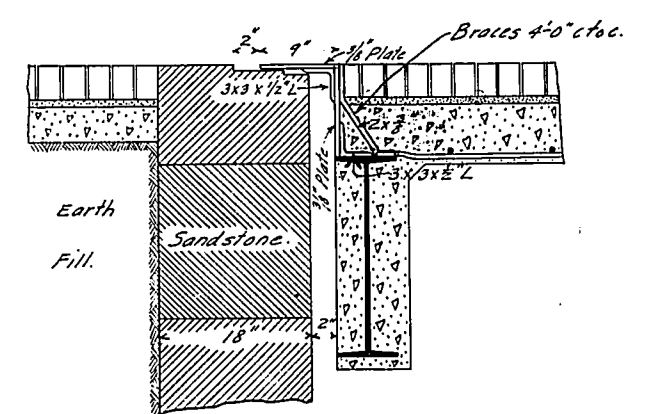
Approved
 Chief Engr.
 Chief Engr. in Charge.
 Chief Engr. H.V.Ry.
 Chief Engr. T&O.C.Ry.

Contract No. 3.
 City of Columbus Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Superstructure for Mound Street Viaduct.
 Plan and Elevation of West Spans.
 Scale 1/4" = 1'

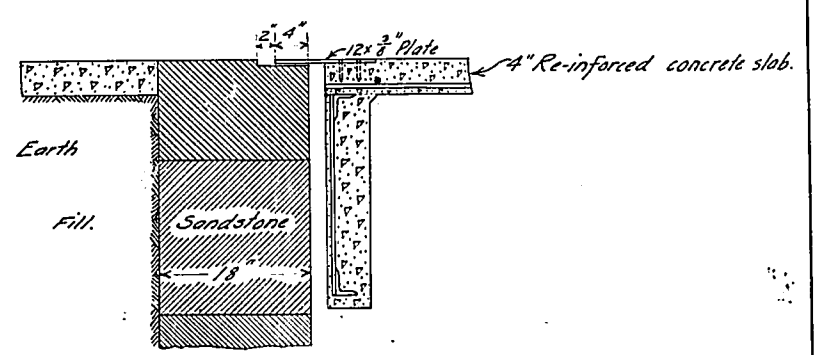
4 Sheets. Sheet N62



Section Between Sidewalk Brackets.
Scale 1/2" = 1'



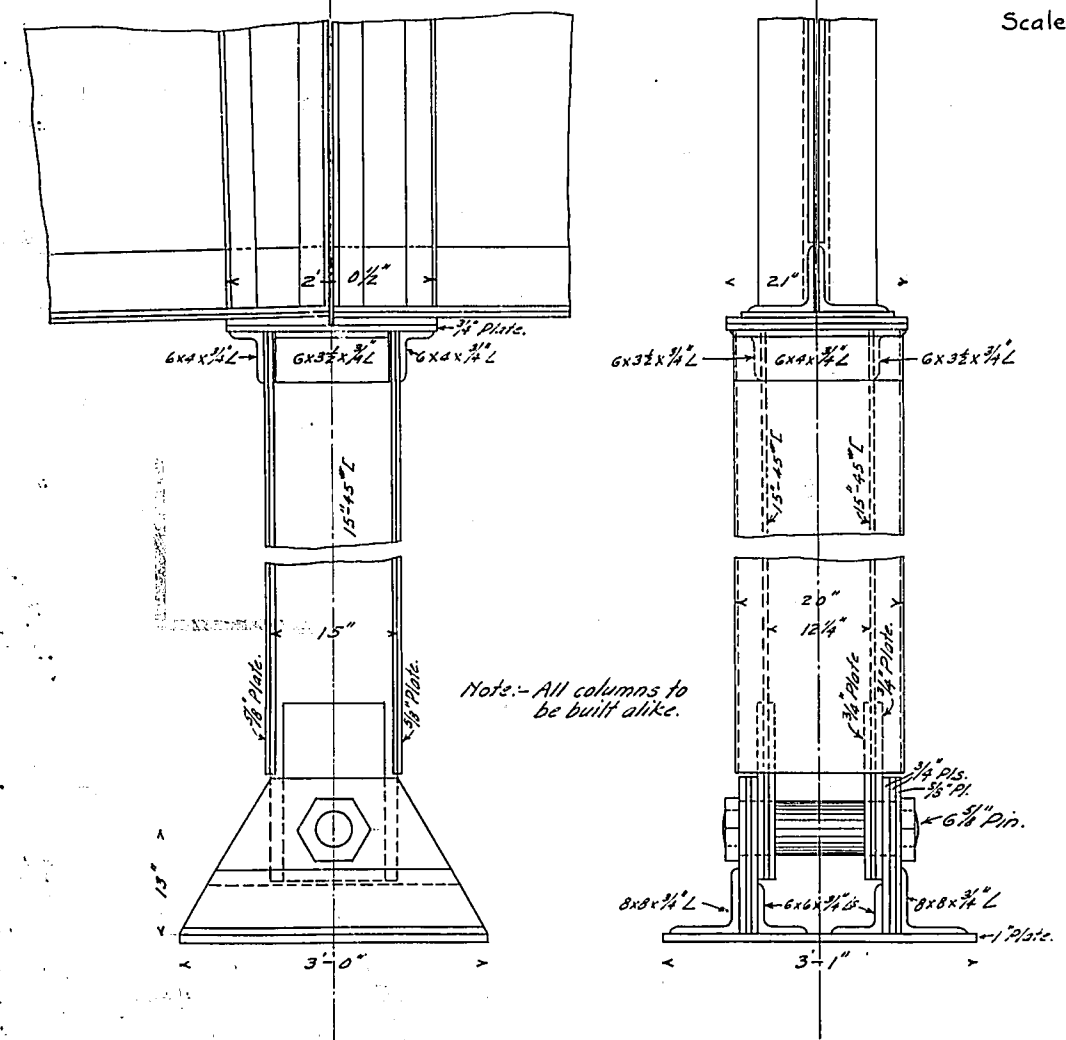
Section at Expansion Ends.
Roadway.



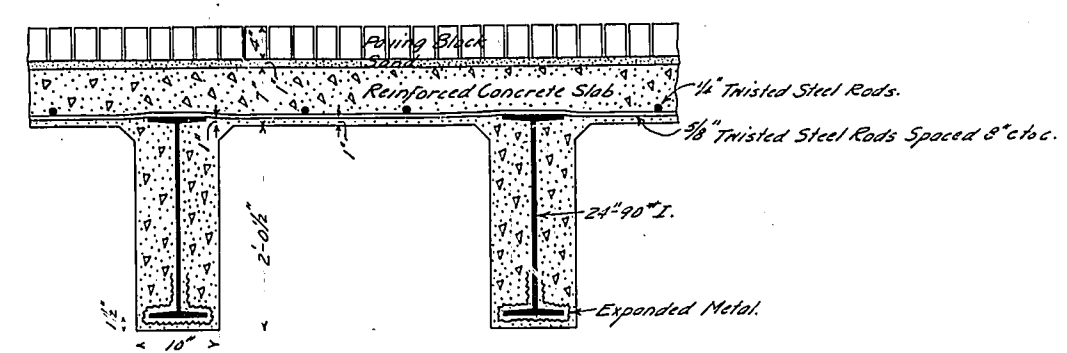
Section at Expansion Ends.
Sidewalk.

Note: Concrete protection, reinforced concrete floor and sidewalk not included in this contract.

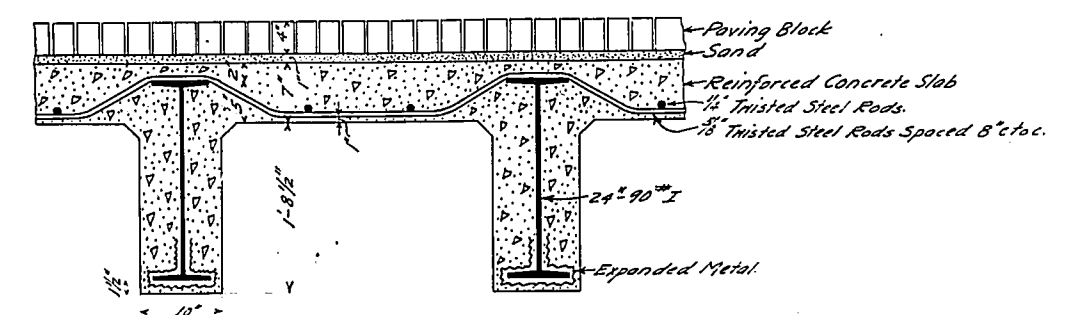
Section at Piers.
Right Angles to Girders.
Scale 1/2" = 1'



Columns.
Scale 1" = 1'



Section A-A.



Section B-B.

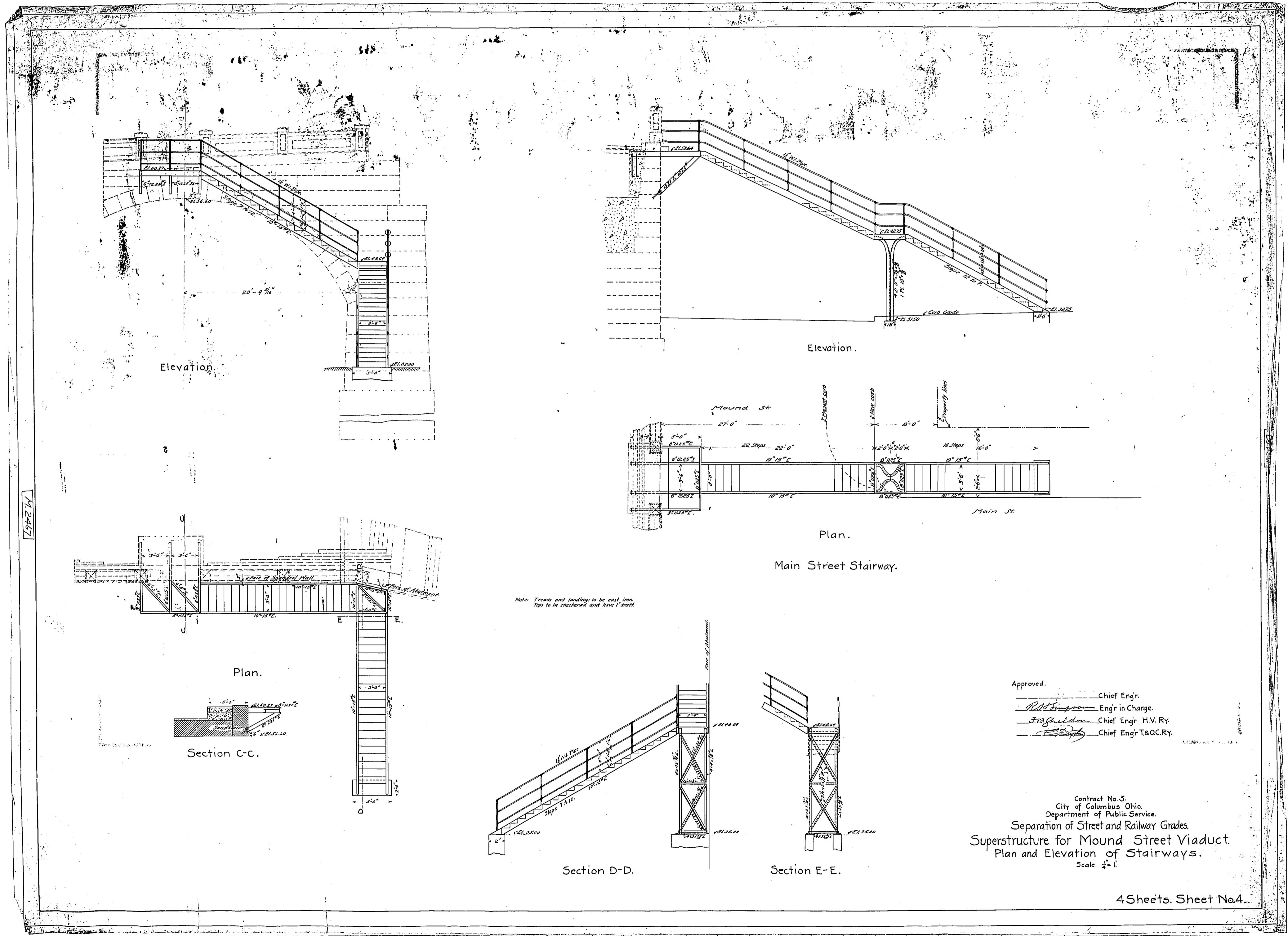
Floor System.
Scale 1" = 1'

Approved _____ Chief Engr.
 _____ Engr in Charge.
 _____ Chief Engr. H.V.Ry.
 _____ Chief Engr. T&O.C.Ry.

Contract No. 3
 City of Columbus Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Superstructure for Mound Street Viaduct.
 Cross Section at Piers, Columns, etc.
 Scale Various.

M 2467

M 2467



Elevation

Elevation

Plan.
Main Street Stairway.

Plan.

Section C-C.

Section D-D.

Section E-E.

Approved.
 _____ Chief Engr.
R.W. Simpson Engr in Charge.
 _____ Chief Engr H.V. Ry.
 _____ Chief Engr. T.&O.C. Ry.

Contract No. 3.
 City of Columbus Ohio.
 Department of Public Service.
 Separation of Street and Railway Grades.
 Superstructure for Mound Street Viaduct.
 Plan and Elevation of Stairways.
 Scale 1/4" = 1'

