B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1(29)	29	225

SPECIFICATIONS

DESIGN- A.A.S.H.O STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES 1961.

CONTRACT - STATE OF MAINE, STATE HIGHWAY COMMISSION, STANDARD SPECIFICATIONS HIGHWAYS AND BRIDGES, REVISION OF JANUARY 1956, AND SUPPLEMENTAL SPECIFICATIONS.

LIVE LOADING

H20-S16-44 AS MODIFIED FOR INTERSTATE HIGHWAYS.

ALLOWABLE LOADING

STRUCTURAL STEEL A.S.T.M. DESIGNATION A 36 - f_s = 20,000 p.s.i.
REINFORCING STEEL, INTERMEDIATE GRADE- f_s = 20,000 p.s.i.
CONCRETE (n = 10) f_c = 1200 p.s.i.
STRUCTURAL STEEL A.S.T.M. DESIGNATION A7 - f_s = 18,000 p.s.i.

CONCRETE CLASSIFICATION

ALL CONCRETE ---------- CLASS "A"
EXCEPT CONCRETE FILL UNDER PIER NO. 2-N.B. ---- CLASS "B"

ELEVATIONS

ELEVATIONS ARE BASED ON B.M.# 22,
STA. 2114+25 N.B., OFF 115' LT.,
VERTICAL SPIKE IN 30" MAPLE,
ELEV. 223.88.

ESTIMATE OF BRIDGE QUANTITIES

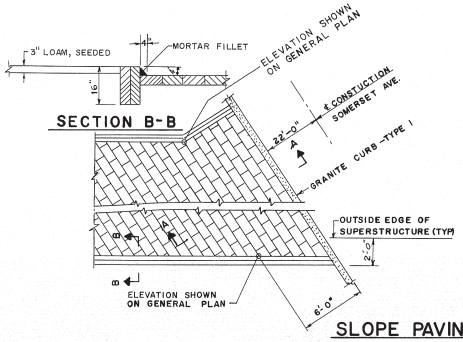
	ITEM	UNIT	QUANTITY
	STRUCTURAL EARTH EXCAVATION — ABUTMENTS & RETAINING WALLS	C.Y.	500
	STRUCTURAL EARTH EXCAVATION — PIERS	C.Y.	800
	STRUCTURAL ROCK EXCAVATION — PIERS	C.Y.	5
	GRAVEL BORROW	C.Y.	700
	SPECIAL GRAVEL BORROW — IN PLACE MEASURE	C.Y.	180
	PORTLAND CEMENT CONCRETE — ABUTMENTS & RETAINING WALLS	C.Y.	500
	PORTLAND CEMENT CONCRETE — PIERS	C.Y.	265
	PORTLAND CEMENT CONCRETE — ROADWAY AND SIDEWALK SLABS ON STEEL BRIDGES	C.Y.	348
	PORTLAND CEMENT	BBL.	1670
	STRUCTURAL STEEL — FABRICATED & DELIVERED	L.S.	LUMP SUM
	STRUCTURAL STEEL — ERECTION	L.S.	LUMP SUM
	STRUCTURAL STEEL — FIELD PAINTING	L.S.	LUMP SUM
	STEEL RAIL — ALTERNATE "B"	L.F.	653
	REINFORCING STEEL — DELIVERED	LB.	138,700
	REINFORCING STEEL — PLACING	LB.	138,700
	FRENCH DRAINS	C.Y.	180
	ALUMINUM RAIL — ALTERNATE "A"	L.F.	653
	SLOPE PAVING	S.Y.	925
	GRANITE BRIDGE CURB	L.F.	680
	EPOXY RESIN SURFACE SEALANT	S.Y.	170
*	BITUMINOUS CONCRETE SURFACE COURSE — TYPE "A"	TON	140
*	MEMBRANE WATERPROOFING	S.Y.	1272

ESTIMATED QUANTITY OF STRUCTURAL STEEL INCLUDING PIPE DRAINS = 265,000 LBS.

* NOT PART OF THIS CONTRACT

INDEX OF SHEETS

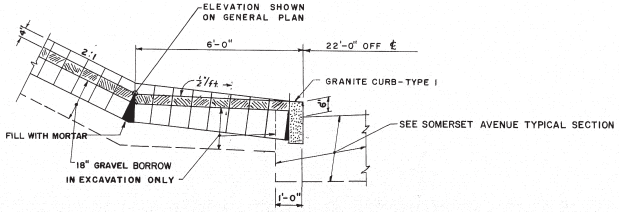
SHEET NO.	TITLE
1.	INDEX, QUANTITIES, SPECIFICATIONS, & SLOPE PAVING
2.	GENERAL PLAN
3.	FOUNDATION SURVEY
4.	BORING DETAILS
5.	ABUTMENT NO. 1 - SOUTHBOUND
6.	ABUTMENT NO. 2 - SOUTHBOUND
7.	ABUTMENT NO. 1 - NORTHBOUND
8.	ABUTMENT NO. 2 - NORTHBOUND
9.	PIERS
10.	STRUCTURAL STEEL - FRAMING PLAN
11.	STRUCTURAL STEEL DETAILS - 1
12.	STRUCTURAL STEEL DETAILS - 2
13.	BLOCKING DETAILS
14.	SUPERSTRUCTURE - SPANS 1 & 2
15.	SUPERSTRUCTURE - SPANS 2 & 3
16.	REINFORCING STEEL SCHEDULE
BD 102-62	STANDARD DETAILS - BRIDGE RAIL
BD 103-62	STANDARD DETAILS - BEAM SPLICES



SECTION B-B

SLOPE PAVING

SOLID CONCRETE BLOCKS 8" 16" 4" MORTARED



SECTION A-A

THE 18" GRAVEL BORROW UNDER THE SLOPE PAVING MAY BE REDUCED OR OMITTED, IF IN THE OPINION OF THE ENGINEER THE EXISTING MATERIAL IS SUITABLE. PAYMENT FOR EXCAVATION FOR GRAVEL BORROW UNDER SLOPE PAVING TO BE MADE UNDER ITEM 204-14, STRUCTURAL EARTH EXCAVATION-PIERS, OR ITEM 204-15, STRUCTURAL ROCK EXCAVATION - PIERS.

DESIGN- CDH
TRACE- R.J.H.
CHECK- E.E.L.

BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

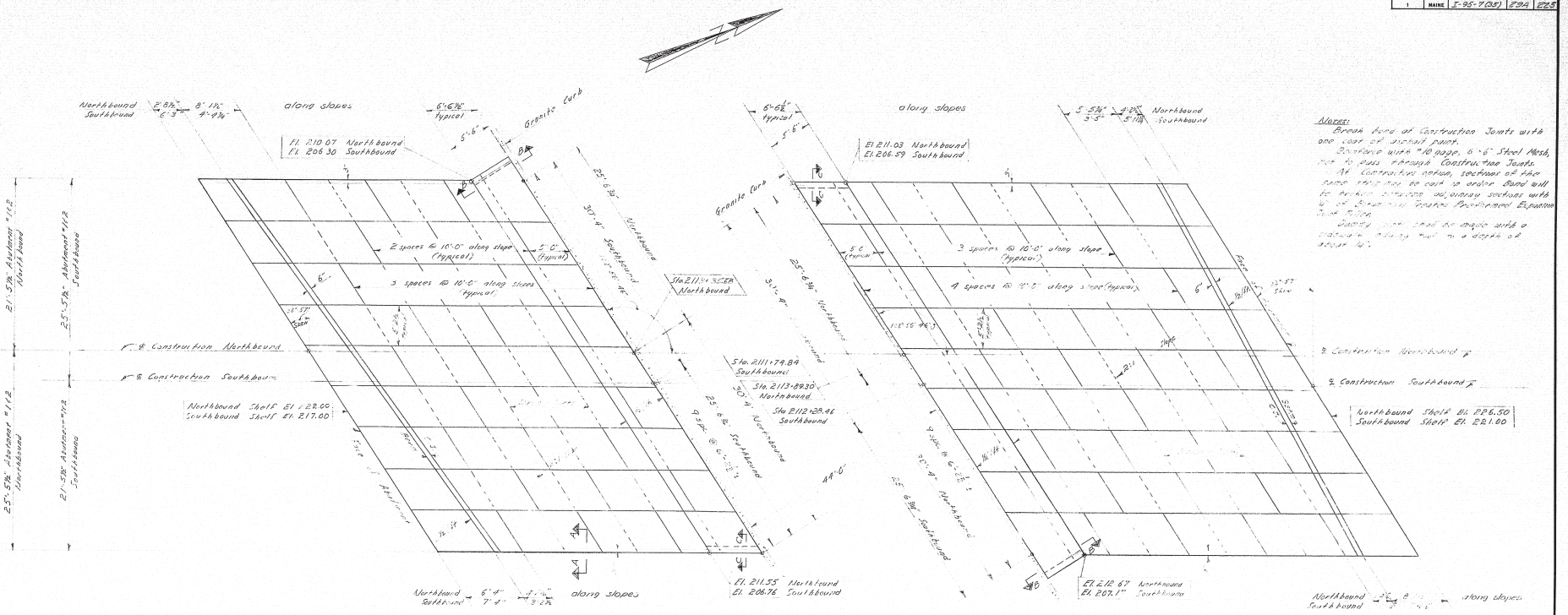
INDEX, QUANTITIES, SPECIFICATIONS, SLOPE PAVING

SHEET 1 OF 16 AUGUSTA, MAINE FEB. 1963

M-1968

0 1 2 3 4 5 INCHES

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(05)	89A	229

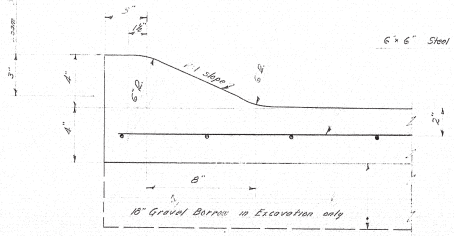


Slope Paving for Abutment No. 1

Slope Paving for Abutment No. 2

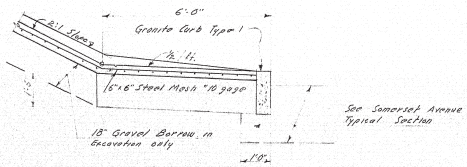
PLAN

Notes:
Break bond at Construction Joints with one coat of asphalt paint.
Reinforce with #10 gage, 6"x6" Steel Mesh, not to pass through Construction Joints.
At Contractors option, sections of the same thickness to cast in order bond will be acceptable instead of using sections with 4" of Grade 2 Crushed Pavement Equation Item 703.
Joints must shall be made with a contact along wall to a depth of about 4".

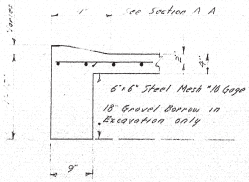


Section A-A

NOTE:
The 18" Gravel Borrow under the slope paving may be reduced or omitted, if in the opinion of the Engineer the existing material is suitable. Payment for Excavation for Gravel Borrow under Slope Paving to be made under - Item 204-14, Structural Earth Excavation-Piers, or Item 204-15, Structural Rock Excavation-Piers.



Section B-B



Section C-C

DESIGN- DETAIL - R.T.A.
TRACE-
CHECK- H.L.D.

BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

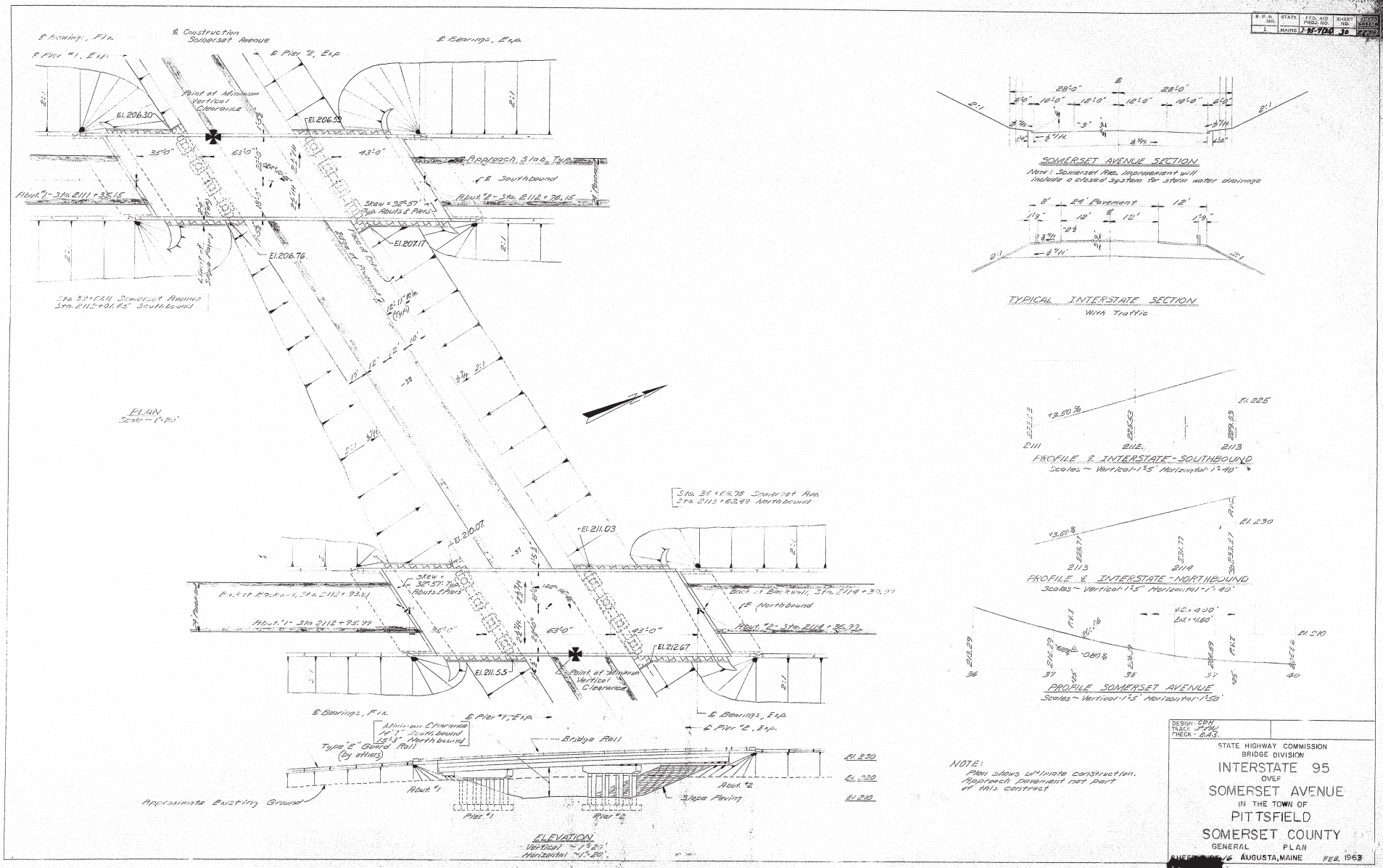
INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

SLOPE PAVING - ALTERNATE

SHEET 1A OF 16 AUGUSTA, MAINE AUGUST 1963

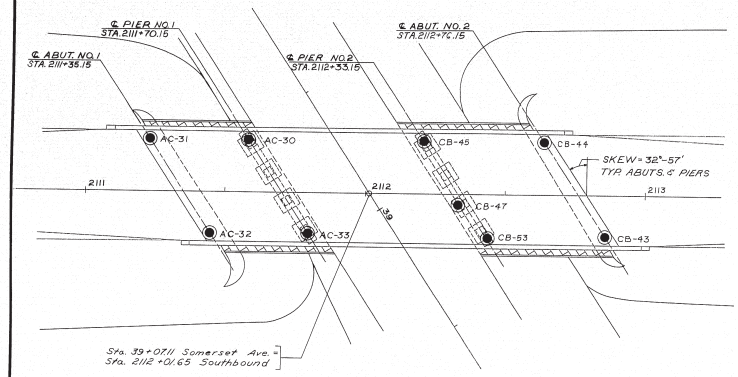
C. H. CO., NO. 44-302 3A218

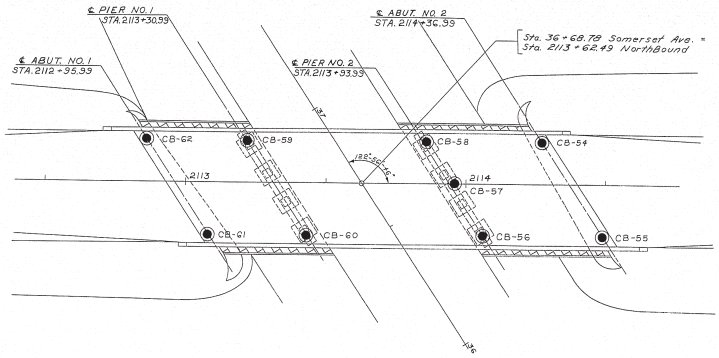
0 1 2 3 4 5 INCHES



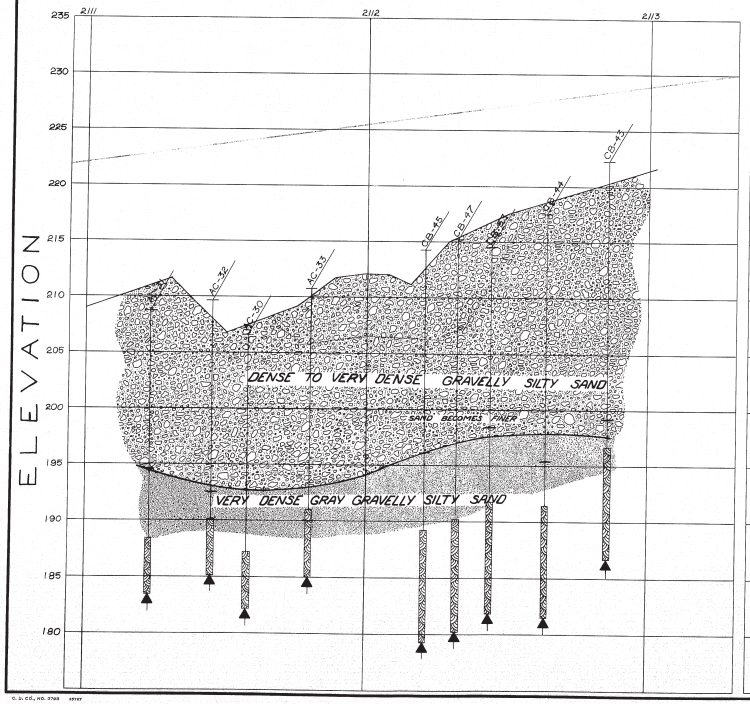
℄ Bearings, Flx.
℄ Construction Somerset Avenue
℄ Bearings, Exp.
℄ Pier #1, Exp.
℄ Pier #2, Exp.
Point of Minimum Vertical Clearance
El. 206.30
El. 206.59
Approach Slab, Typ.
℄ Southbound
Abut. #1 - Sta. 2111 + 35.15
Abut. #2 - Sta. 2112 + 76.15
Skew = 32°-57' Typ. Abuts & Piers
El. 207.17
El. 206.76
Sta. 39+07.11 Somerset Avenue
Sta. 2112+01.65 Southbound
PLAN
Scale ~ 1"=20'
Sta. 36+68.78 Somerset Ave.
Sta. 2113+62.49 Northbound
El. 210.07
El. 211.03
Back of Backwall, Sta. 2112+93.01
Back of Backwall, Sta. 2114+39.99
℄ Northbound
Abut. #1 - Sta. 2112 + 95.99
Abut. #2 - Sta. 2114 + 36.99
El. 212.67
El. 211.55
Point of Minimum Vertical Clearance
℄ Bearings, Flx.
℄ Pier #1, Exp.
℄ Bearings, Exp.
℄ Pier #2, Exp.
Minimum Clearance 14'-7" Southbound 15'-3" Northbound
Type "E" Guard Rail (by others)
Bridge Rail
Approximate Existing Ground
Abut. #1
Abut. #2
Slope Paving
Pier #1
Pier #2
El. 230
El. 220
El. 210
ELEVATION
Vertical ~ 1"=20'
Horizontal ~ 1"=20'
SOMERSET AVENUE SECTION
Note: Somerset Ave. improvement will include a closed system for storm water drainage
TYPICAL INTERSTATE SECTION
With Traffic
PROFILE ℄ INTERSTATE - SOUTHBOUND
Scales ~ Vertical - 1"=5' Horizontal - 1"=40'
PROFILE ℄ INTERSTATE - NORTHBOUND
Scales ~ Vertical - 1"=5' Horizontal - 1"=40'
PROFILE SOMERSET AVENUE
Scales ~ Vertical - 1"=5' Horizontal - 1"=50'
NOTE:
Plan shows ultimate construction. Approach pavement not part of this contract
DESIGN - CDH
TRACE - PAL
CHECK - B.A.S.
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
GENERAL PLAN
SHEET 16 AUGUSTA, MAINE FEB. 1963

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1(24)	31	225

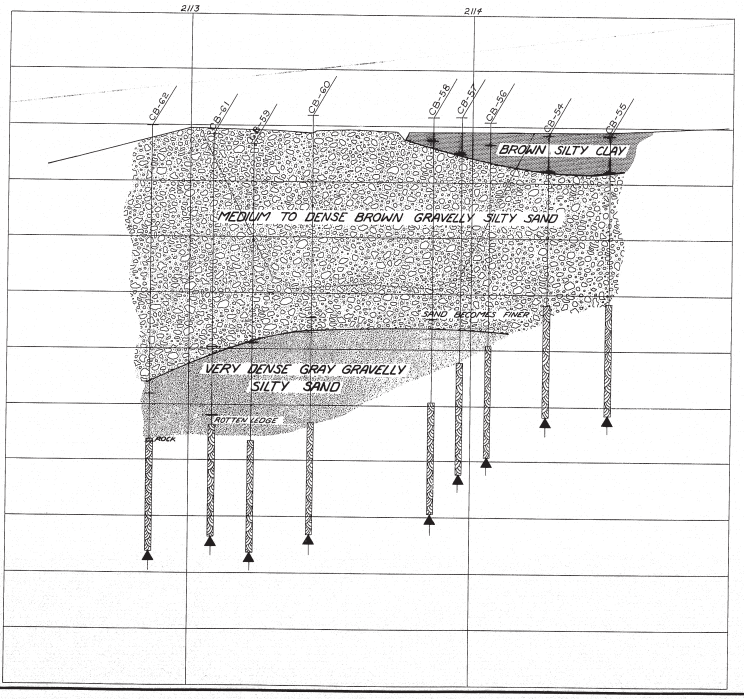




SOUTHBOUND LANE



NORTHBOUND LANE



BORING NOTES

- ALL SAMPLES AND VANES ARE MADE AHEAD OF CASING.
- NUMBER OF BLOWS REQUIRED TO DRIVE EXTRA HEAVY CASING ONE FOOT WITH 400 FT. LBS. OF ENERGY PER BLOW.
- LOCATION OF SAMPLE OR SAMPLE ATTEMPT.
- NUMBER AND TYPE OF DRY SAMPLE. S & H SAMPLER #1290'S
- 10 MD — UNSUCCESSFUL SAMPLE ATTEMPT AND TYPE OF SAMPLER
- NUMBER OF BLOWS REQUIRED TO DRIVE SPOON OR TUBING ONE FOOT WITH 350 FT. LBS. OF ENERGY PER BLOW.
- BOTTOM OF BORING (MAY NOT BE BOTTOM OF SOIL STRATA).
- 71% — LOCATIONS CORED BY DIAMOND BIT AND PER CENT RECOVERY OF ROCK.

DESIGN– TRACE– CHECK– SOILS DIVISION	BRIDGE No. SURVEY– PLOT–

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
FOUNDATION SURVEY

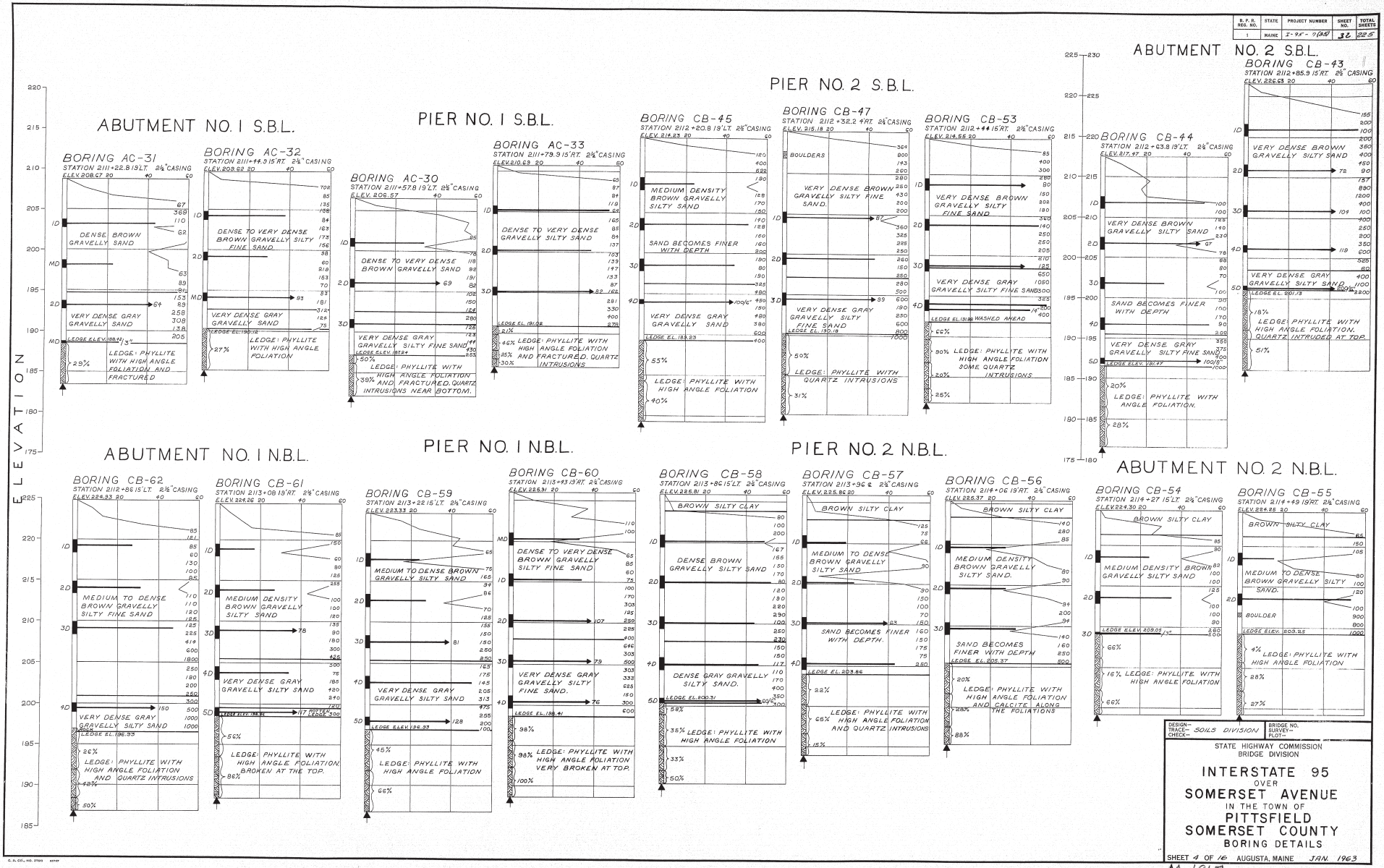
SHEET 3 OF 16 AUGUSTA, MAINE JAN 1963

M-1966

C. D. CO. NO. 3703 59787

0 1 2 3 4 5 INCHES

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(10)	36	225



DESIGN— TRACE— CHECK— SOILS DIVISION

BRIDGE NO. SURVEY— PLOT—

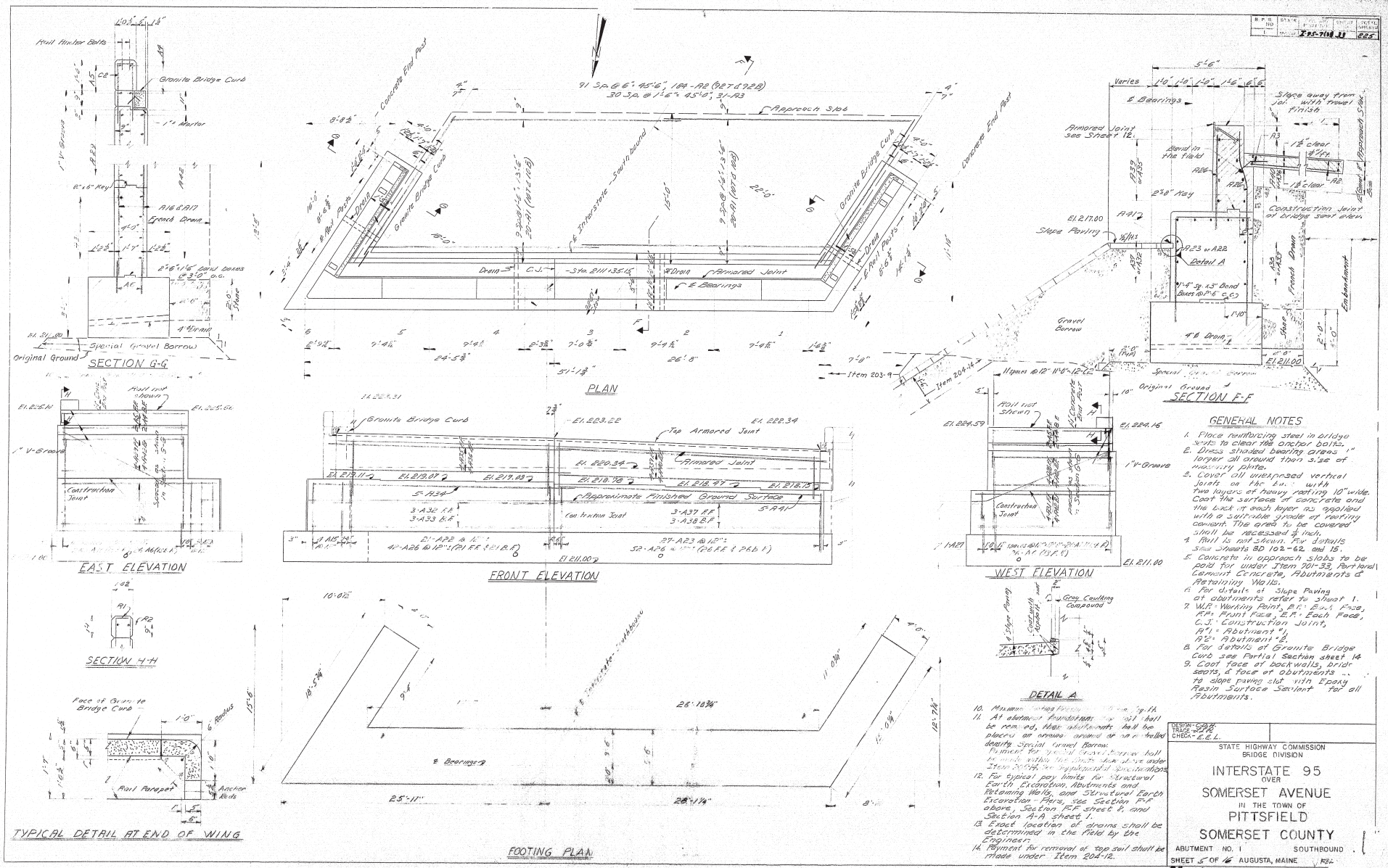
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
BORING DETAILS

SHEET 4 OF 16 AUGUSTA, MAINE JAN. 1963

M-1967

5 INCHES



GENERAL NOTES

1. Place reinforcing steel in bridge seats to clear the anchor bolts.
2. Dress shaded bearing areas 1" larger all around than size of masonry plate.
3. Cover all unexposed vertical joints on the back with two layers of heavy roofing 10" wide. Coat the surface of concrete and the back of each layer as applied with a suitable grade of roofing cement. The area to be covered shall be recessed ¼ inch.
4. Rail is not shown. For details see Sheets BD 102-62 and 15.
5. Concrete in approach slabs to be paid for under Item 701-33, Portland Cement Concrete, Abutments & Retaining Walls.
6. For details of Slope Paving at abutments refer to sheet 1.
7. W.P. = Working Point, B.F. = Back Face, F.F. = Front Face, E.F. = Each Face, C.J. = Construction Joint, A#1 = Abutment #1, A#2 = Abutment #2.
8. For details of Granite Bridge Curb see Partial Section sheet 14
9. Coat face of backwalls, bridge seats, & face of abutments to slope paving slot with Epoxy Resin Surface Sealant for all Abutments.
10. Maximum Casting Pressure [illegible] sq. ft.
11. At abutment foundations top soil shall be removed, then abutments shall be placed on ground around or on a shelled density Special Gravel Borrow. Payment for Special Gravel Borrow shall be made within the limits shown above under Item 205-14, see Supplemental Specifications.
12. For typical pay limits for Structural Earth Excavation, Abutments and Retaining Walls, and Structural Earth Excavation - Piers, see Section F-F above, Section F-F sheet 8, and Section A-A sheet 1.
13. Exact location of drains shall be determined in the field by the Engineer.
14. Payment for removal of top soil shall be made under Item 204-12.

DESIGN - C.D.H.
TRACE - R.E.K.
CHECK - E.E.L.

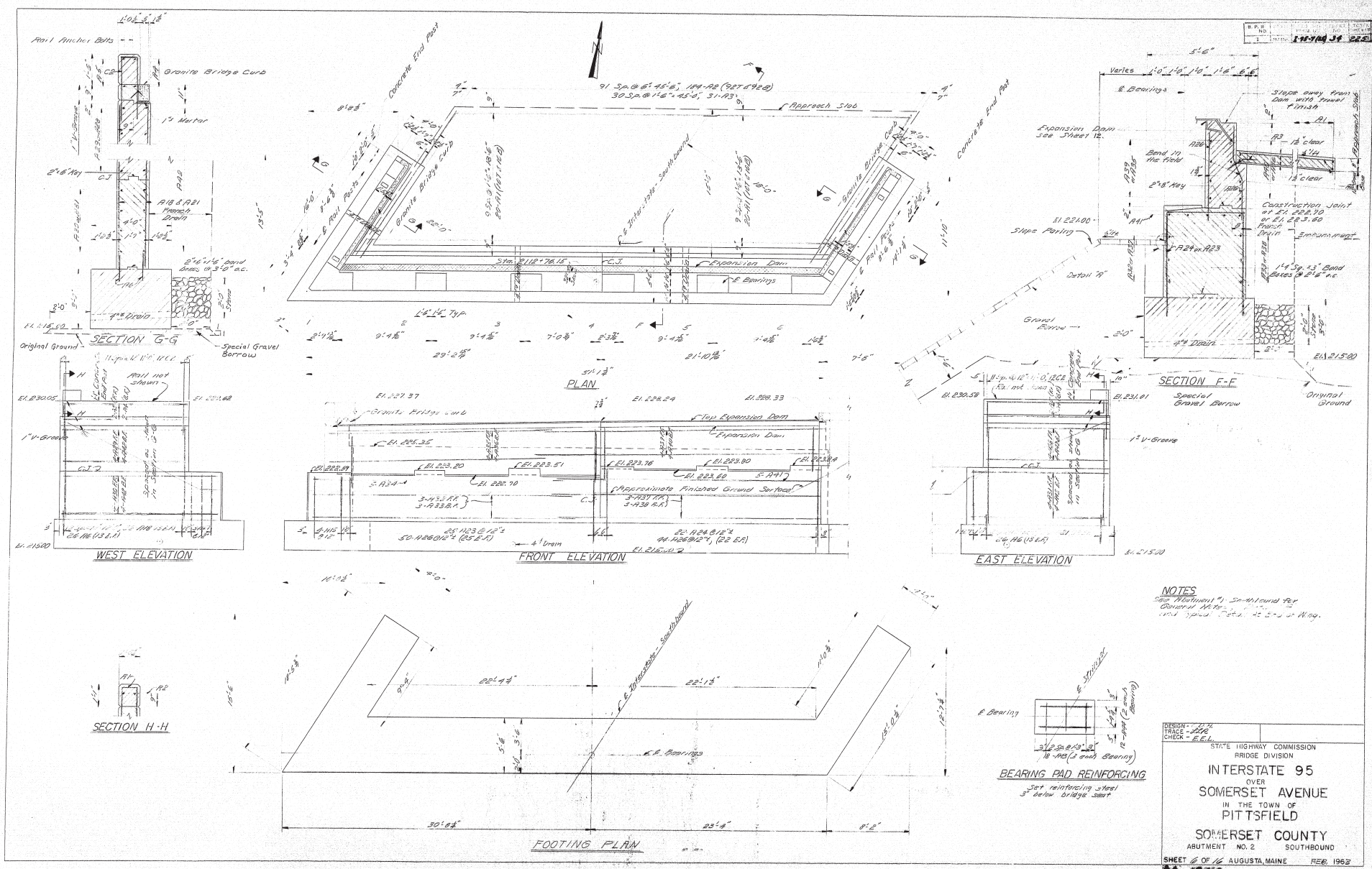
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

ABUTMENT NO. 1 SOUTHBOUND

SHEET 5 OF 16 AUGUSTA, MAINE

M-1968



DESIGN - [illegible]
TRACE - [illegible]
CHECK - E.E.L.

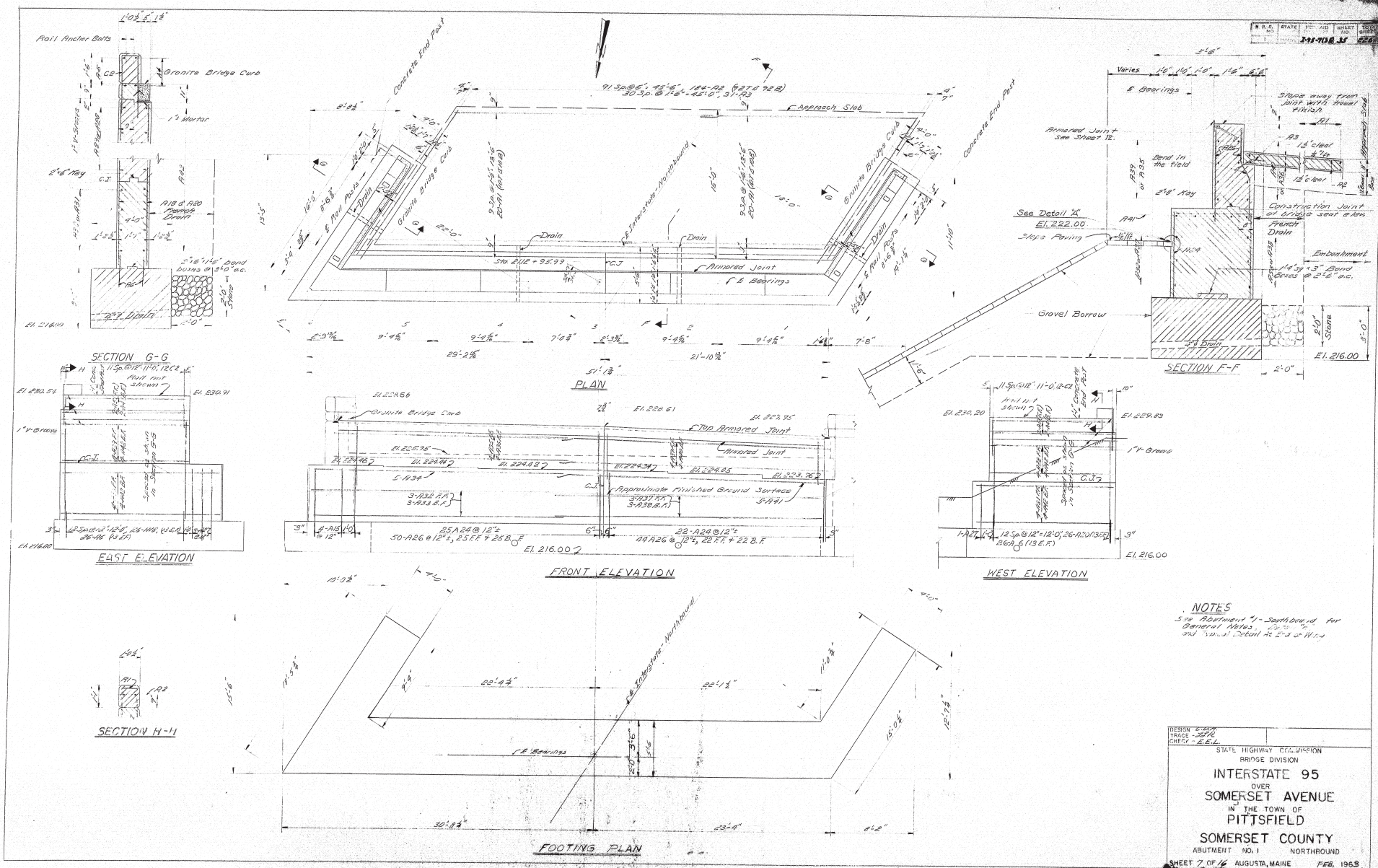
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

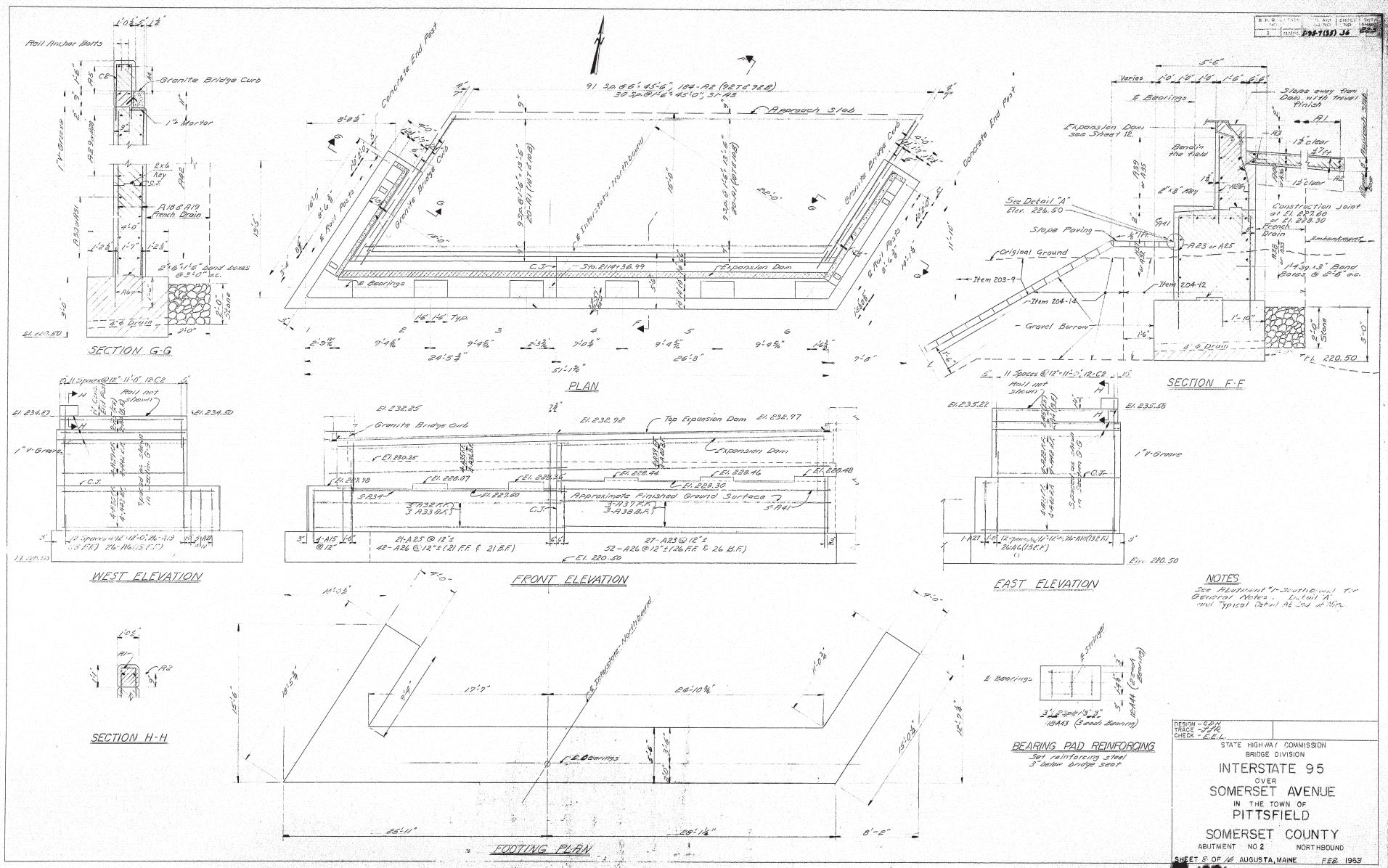
INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

ABUTMENT NO. 2 SOUTHBOUND

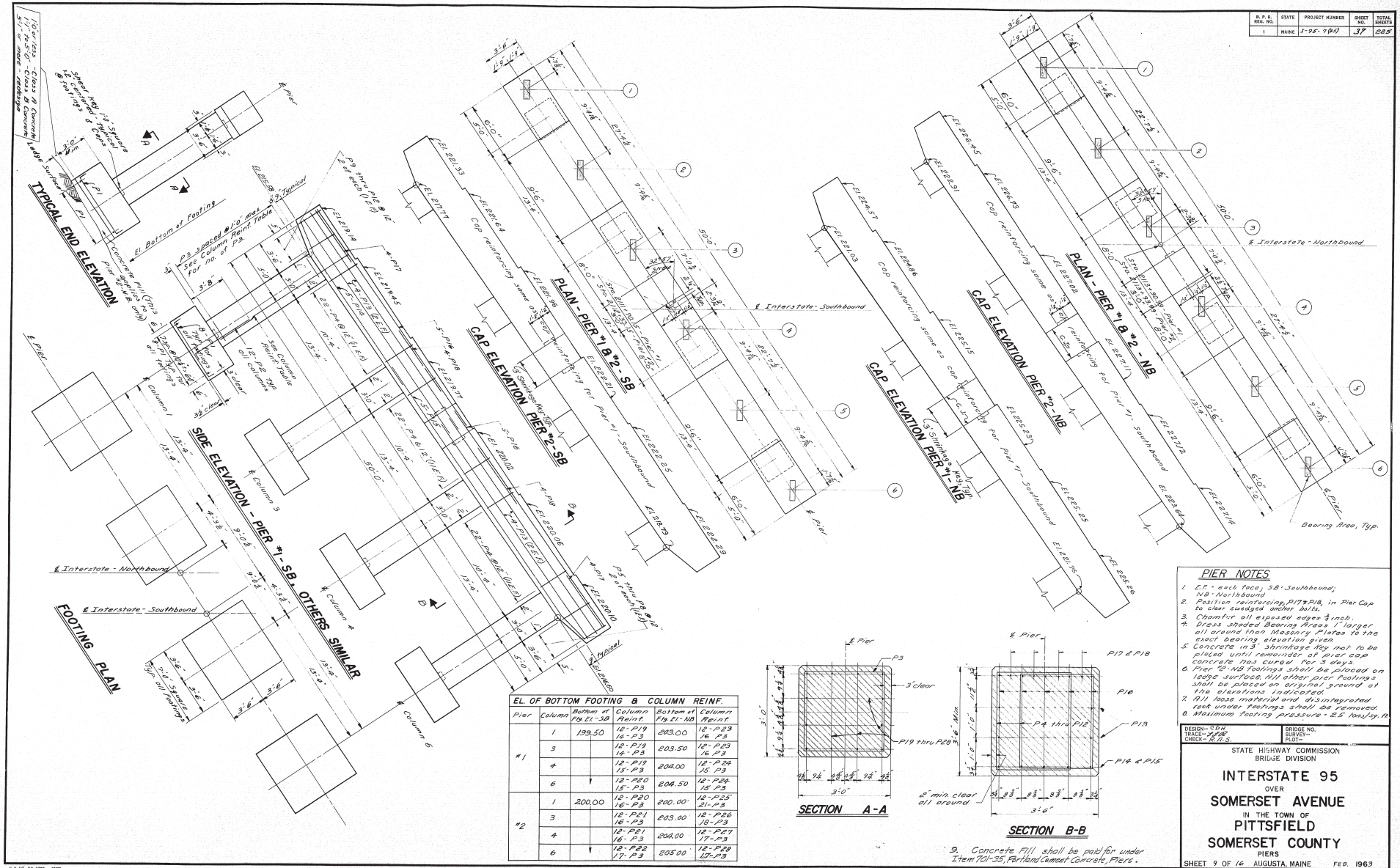
SHEET 6 OF 16 AUGUSTA, MAINE FEB. 1962

M-1[illegible]


SECTION G-G
PLAN
SECTION F-F
EAST ELEVATION
FRONT ELEVATION
WEST ELEVATION
SECTION H-H
FOOTING PLAN
Rail Anchor Bolts
Granite Bridge Curb
Concrete End Post
Approach Slab
Armored Joint
Drain
Gravel Borrow
Embankment
Slope Paving
Construction Joint at bridge seat elev.
Top Armored Joint
Approximate Finished Ground Surface
Bend in the field
Armored Joint See Sheet 12.
Slope away from joint with trowel finish
NOTES
See Abutment #1 - Southbound for General Notes, Note "A" and Typical Detail At End of Wing
DESIGN
TRACE
CHECK - E.E.L.
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
ABUTMENT NO. 1 NORTHBOUND
SHEET 7 OF 16 AUGUSTA, MAINE FEB. 1963


SECTION G-G
PLAN
SECTION F-F
WEST ELEVATION
FRONT ELEVATION
EAST ELEVATION
SECTION H-H
FOOTING PLAN
BEARING PAD REINFORCING
Set reinforcing steel 3" below bridge seat
Rail Anchor Bolts
Granite Bridge Curb
1" Mortar
Concrete End Post
Approach Slab
Expansion Dam
Top Expansion Dam
Approximate Finished Ground Surface
Slope Paving
Original Ground
Gravel Borrow
Slope away from Dam with travel finish
Construction Joint at El. 227.60 or El. 228.30
Rail not shown
1" V-Groove
Elev. 220.50
NOTES
See Abutment #1-Southbound for General Notes, Detail "A" and Typical Detail A6 End of Wing.
DESIGN - C.D.H.
TRACE - J.A.R.
CHECK - E.E.L.
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
ABUTMENT NO 2 NORTHBOUND
SHEET 8 OF 16 AUGUSTA, MAINE FEB. 1963
1971
INCHES

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(97)	37	225



EL. OF BOTTOM FOOTING & COLUMN REINF.					
Pier	Column	Bottom of Ftg. El.-SB	Column Reinf.	Bottom of Ftg. El.-NB	Column Reinf.
#1	1	199.50	12-P19 16-P3	203.00	12-P23 16-P3
	3		12-P19 14-P3	203.50	12-P23 16-P3
	4		12-P19 15-P3	204.00	12-P24 15-P3
	6		12-P20 15-P3	204.50	12-P24 15-P3
#2	1	200.00	12-P20 16-P3	200.00	12-P25 21-P3
	3		12-P21 16-P3	203.00	12-P26 16-P3
	4		12-P21 16-P3	204.00	12-P27 17-P3
	6		12-P22 17-P3	205.00	12-P28 17-P3

PIER NOTES

1. E.F. - each face; SB - Southbound; NB - Northbound
2. Position reinforcing, P17 & P18, in Pier Cap to clear swedged anchor bolts.
3. Chamfer all exposed edges ¾ inch.
4. Dress shaded Bearing Areas 1" larger all around than Masonry Plates to the exact bearing elevation given.
5. Concrete in 3" shrinkage key not to be placed until remainder of pier cap concrete has cured for 3 days.
6. Pier #2-NB footings shall be placed on ledge surface. All other pier footings shall be placed on original ground at the elevations indicated.
7. All loose material and disintegrated rock under footings shall be removed.
8. Maximum bearing pressure - 8.5 tons/sq. ft.
9. Concrete Fill shall be paid for under Item 701-35, Portland Cement Concrete, Piers.

DESIGN- CDH
TRACE- [illegible]
CHECK- R.A.S.

BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
PIERS

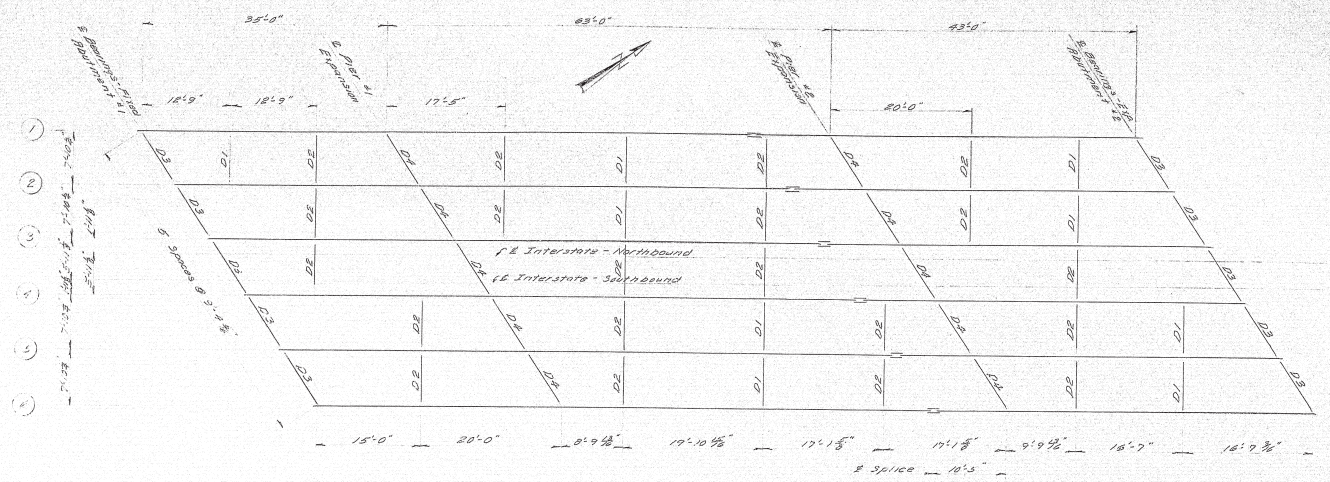
SHEET 9 OF 16 AUGUSTA, MAINE FEB. 1963

M-1972

G. H. CO., NO. 3788 28797

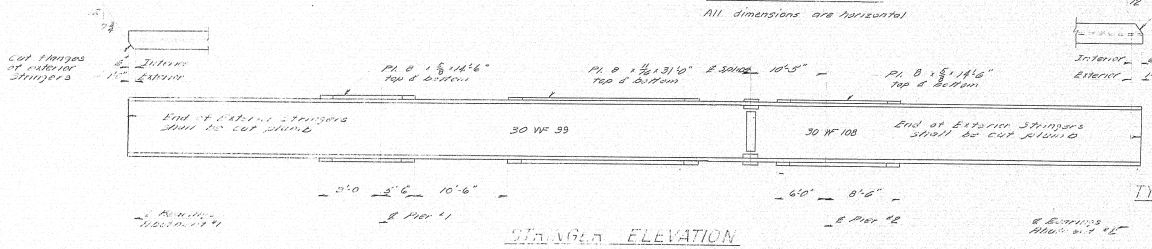
1 2 3 4 5 INCHES

R.P.E. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	X-0-74-13	17	17

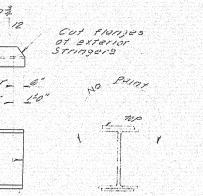


FRAMING PLAN

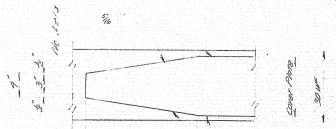
All dimensions are horizontal



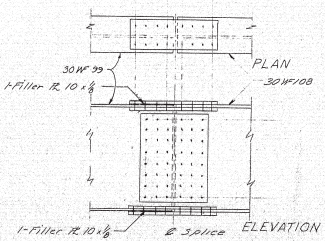
STRINGER ELEVATION



TYPICAL STRINGER SECTION



END COVER PLATE DETAIL



SPLICE DETAIL

NOTE: For Splice Details not shown, see Standard Details B.D. 103-62

NOTES

1. Stringers, cover plates, and splices shall conform to the latest revision of the Specification A.S.T.M. Designation A 36.
2. All other structural steel shall conform to the latest revision of the Specifications A.S.T.M. Designation A 36 or A7.
3. Field connections shall be ¾" ø High Tensile Strength Bolts.
4. The Engineer shall be supplied with a diagram showing match marks of connecting parts assembled in the Shop.
5. No camber required in stringers.

DESIGN - CDM	SCALE NO. -
TRACE - K.A.P.	SURVEY -
CHECK - R.H.S.	PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

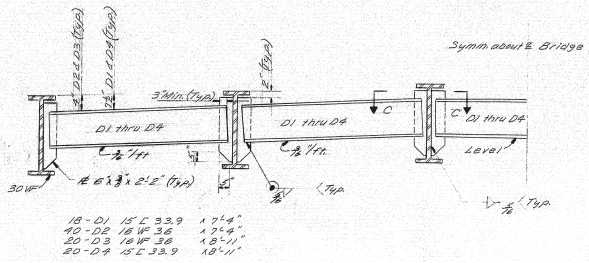
INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

STRUCTURAL STEEL FRAMING PLAN

SHEET 10 OF 18 AUGUSTA, MAINE FEB. 1963

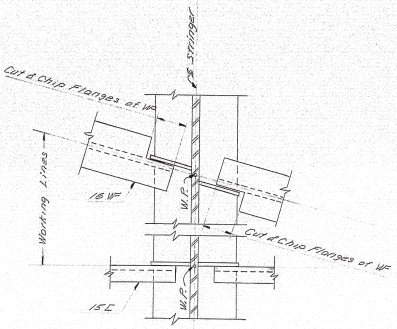
M-1973

1 2 3 4 5 INCHES

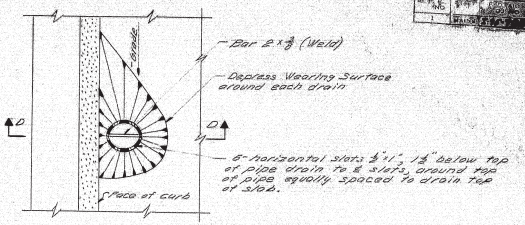


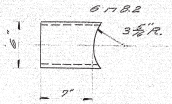
DIAPHRAGM DETAILS

Section Looking Northerly

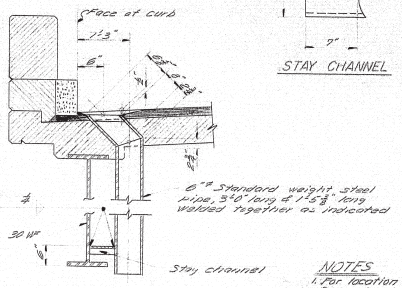


SECTION C-C





STAY CHANNEL



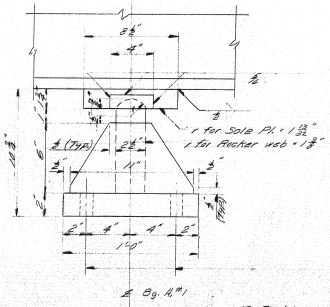
SECTION D-D

NOTES

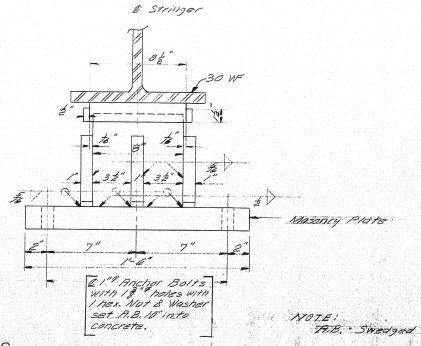
1. For location of Drains see Superstructure Details.
2. Payment for Steel Pipe Drains to be included in Lump Sum prices for Items 702-103, 702-104, and 702-105, Structural Steel.

DRAIN DETAILS

16 Req'd

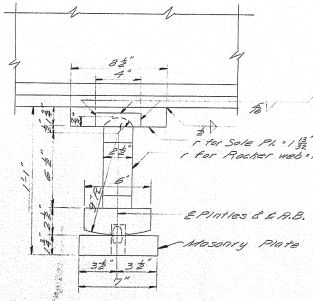


18 Req'd

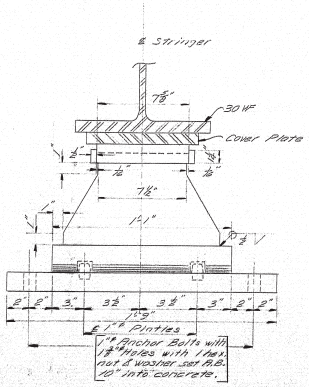


NOTE:
A.B. - Swedged Anchor Bolts

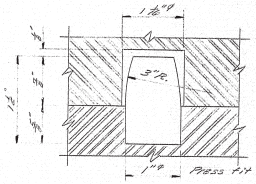
FIXED BEARINGS



38 Req'd



EXPANSION BEARINGS



PINTLE DETAIL

DESIGN - CDW
TRACE - JCKR
CHECK - BAS.

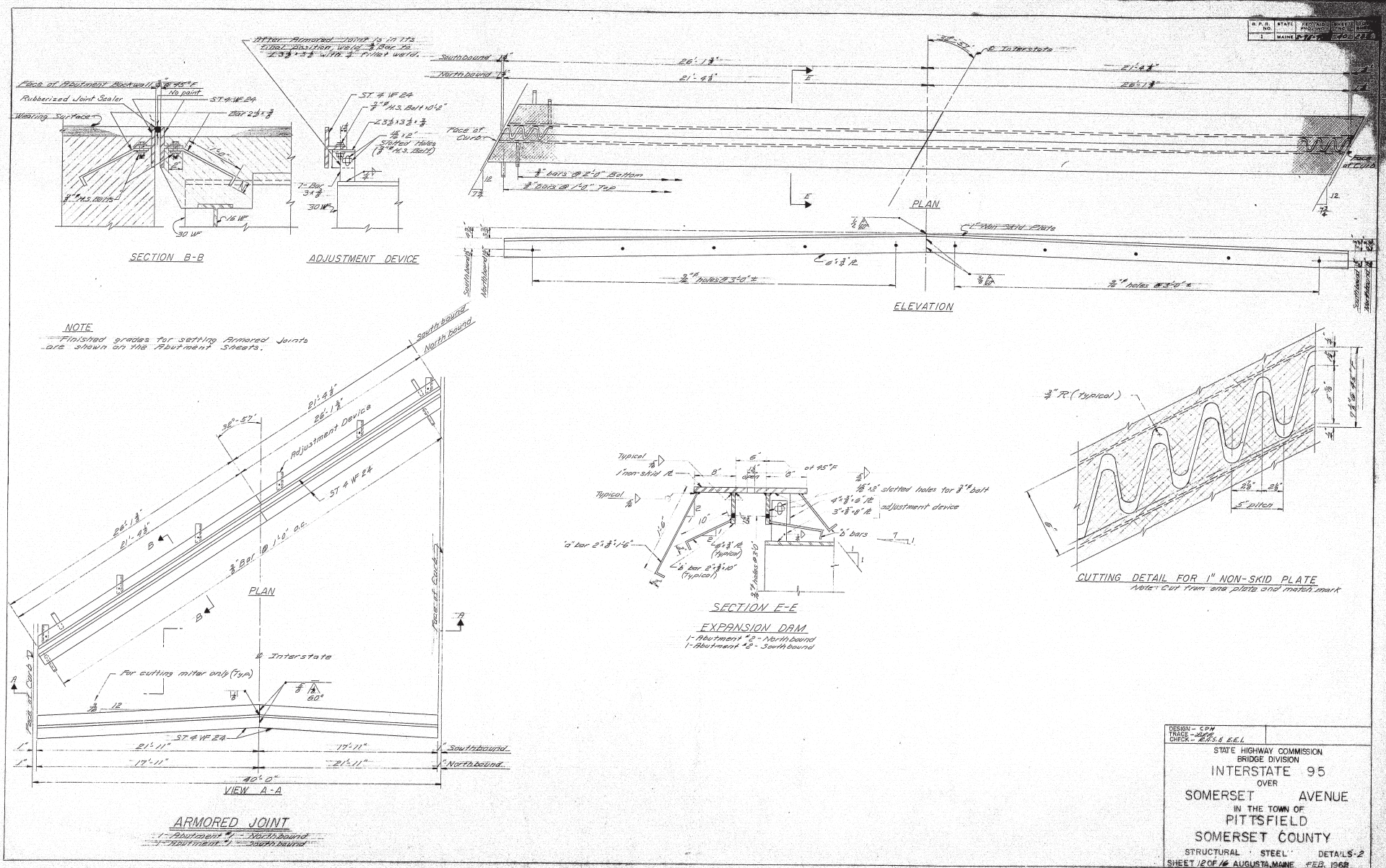
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

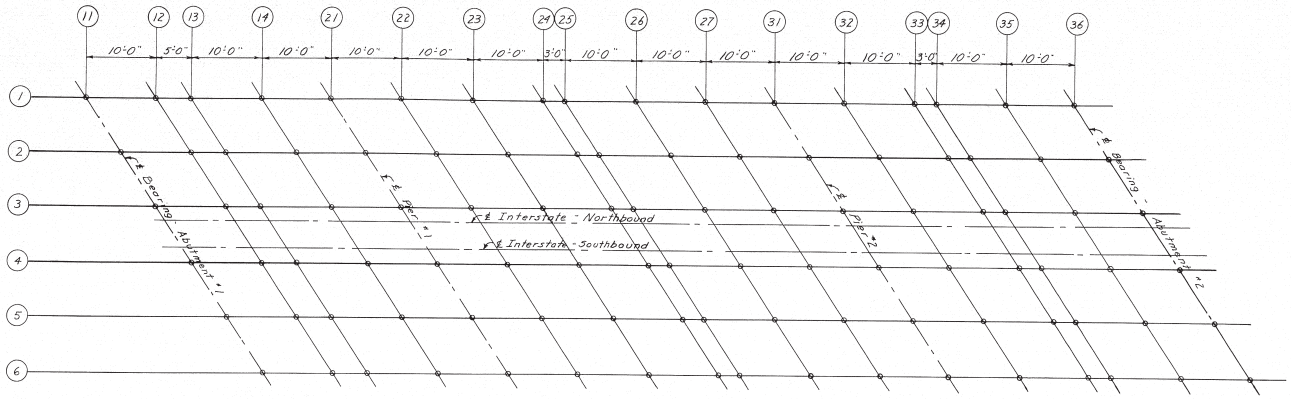
STRUCTURAL STEEL DETAILS - 1

SHEET 11 OF 16 AUGUSTA, MAINE FEB. 1962

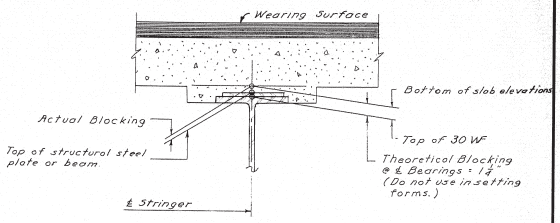
M-1974


SECTION B-B
ADJUSTMENT DEVICE
PLAN
ELEVATION
NOTE
Finished grades for setting Armored Joints are shown on the Abutment Sheets.
PLAN
VIEW A-A
ARMORED JOINT
1-Abutment #1 - Northbound
1-Abutment #2 - Southbound
SECTION E-E
EXPANSION DAM
1-Abutment #2 - Northbound
1-Abutment #2 - Southbound
CUTTING DETAIL FOR 1" NON-SKID PLATE
Note: Cut from one plate and match mark
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
STRUCTURAL STEEL DETAILS-2
SHEET 12 OF 16 AUGUSTA, MAINE FEB. 1968
M-1975

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1(15)	41	225



BLOCKING PLAN



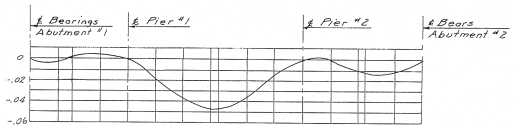
BLOCKING DETAIL

BLOCKING NOTE

In order that the Wearing Surface may conform to the profile and cross sections shown on these plans, the accompanying tables of "Bottom of Slab Elevations" are given. These elevations, which are computed to compensate for dead load deflections, must be set before slab forms are started.

BOTTOM OF SLAB ELEVATIONS - SOUTHBOUND

POINT	11	12	13	14	21	22	23	24	25	26	27	31	32	33	34	35	36
1	221.62	221.97	222.15	222.49	222.85	223.22	223.59	223.95	224.05	224.39	224.72	225.05	225.40	225.76	225.87	226.22	226.56
2	221.94	222.29	222.46	222.81	223.16	223.53	223.90	224.26	224.36	224.70	225.03	225.37	225.72	226.08	226.18	226.53	226.87
3	222.25	222.60	222.78	223.12	223.48	223.85	224.22	224.58	224.68	225.02	225.35	225.68	226.03	226.39	226.50	226.85	227.19
4	222.50	222.85	223.02	223.37	223.72	224.09	224.46	224.82	224.93	225.27	225.60	225.93	226.28	226.64	226.74	227.09	227.43
5	222.54	222.89	223.07	223.41	223.77	224.13	224.50	224.86	224.97	225.31	225.64	225.97	226.32	226.68	226.79	227.14	227.48
6	222.58	222.93	223.11	223.45	223.81	224.18	224.55	224.91	224.01	225.35	225.68	226.01	226.36	226.72	226.83	227.18	227.52



DEFLECTION CURVE

Deflection for Dead Load minus weight of Stringer

BOTTOM OF SLAB ELEVATIONS - NORTHBOUND

POINT	11	12	13	14	21	22	23	24	25	26	27	31	32	33	34	35	36
1	227.23	227.53	227.68	227.97	228.28	228.60	228.92	229.23	229.32	229.61	229.89	230.17	230.47	230.78	230.87	231.17	231.46
2	227.52	227.82	227.97	228.26	228.57	228.89	229.21	229.52	229.61	229.89	230.17	230.46	230.76	231.07	231.16	231.46	231.75
3	227.81	228.11	228.26	228.55	228.86	229.18	229.50	229.81	229.90	230.18	230.46	230.75	231.05	231.36	231.45	231.75	232.04
4	227.89	228.19	228.34	228.64	228.94	229.26	229.58	229.89	229.98	230.27	230.55	230.83	231.13	231.44	231.53	231.83	232.12
5	227.91	228.21	228.36	228.65	228.96	229.28	229.60	229.91	230.00	230.28	230.55	230.85	231.15	231.46	231.55	231.85	232.14
6	227.92	228.22	228.37	228.67	228.97	229.29	229.61	229.92	230.01	230.30	230.56	230.86	231.16	231.47	231.56	231.86	232.15

DESIGN- F.G.H.
TRACE- B.J.H.
CHECK- F.A.S. & E.E.L.

BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

BLOCKING DETAILS

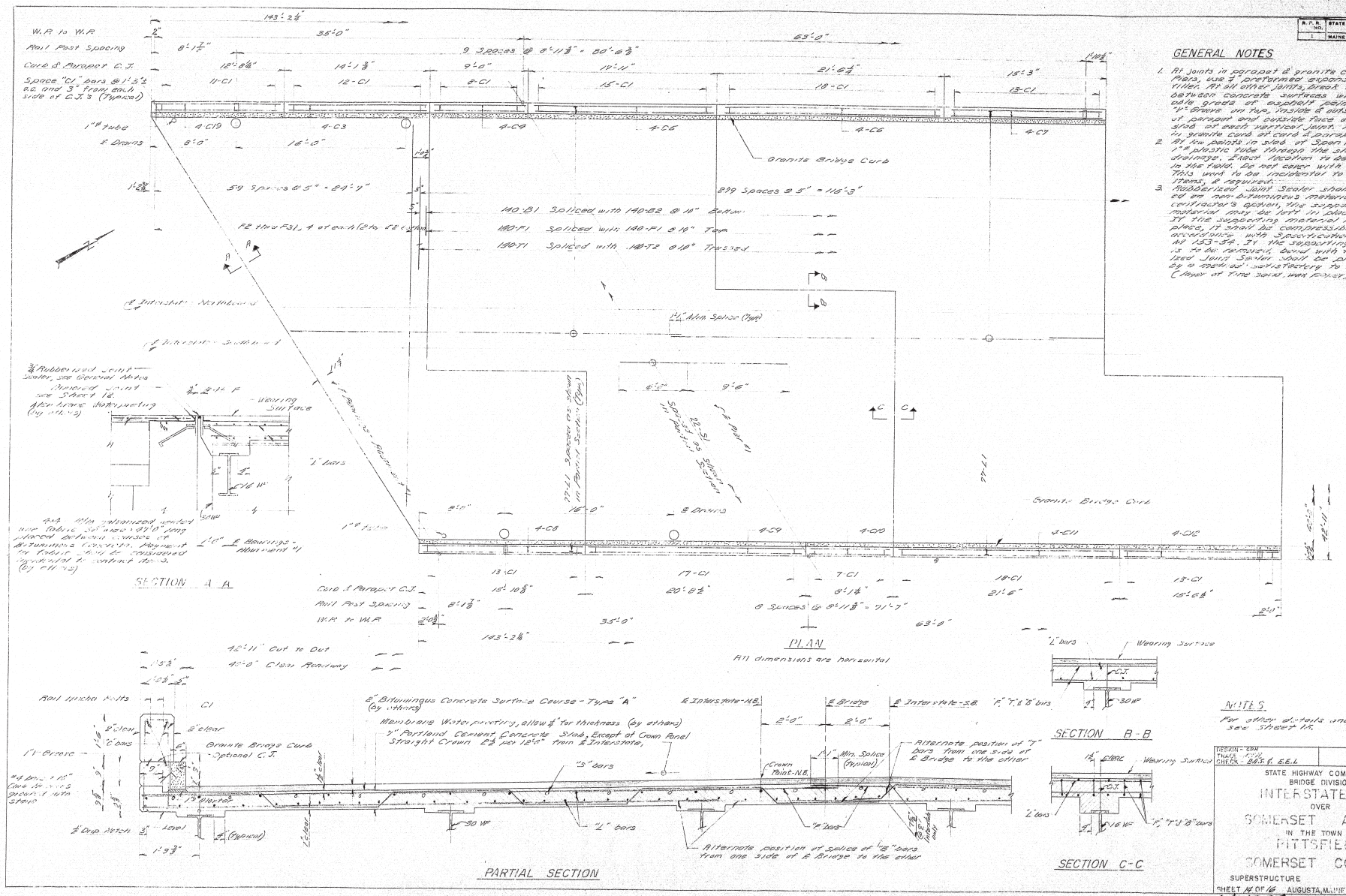
SHEET 13 OF 16 AUGUSTA, MAINE FEB. 1963

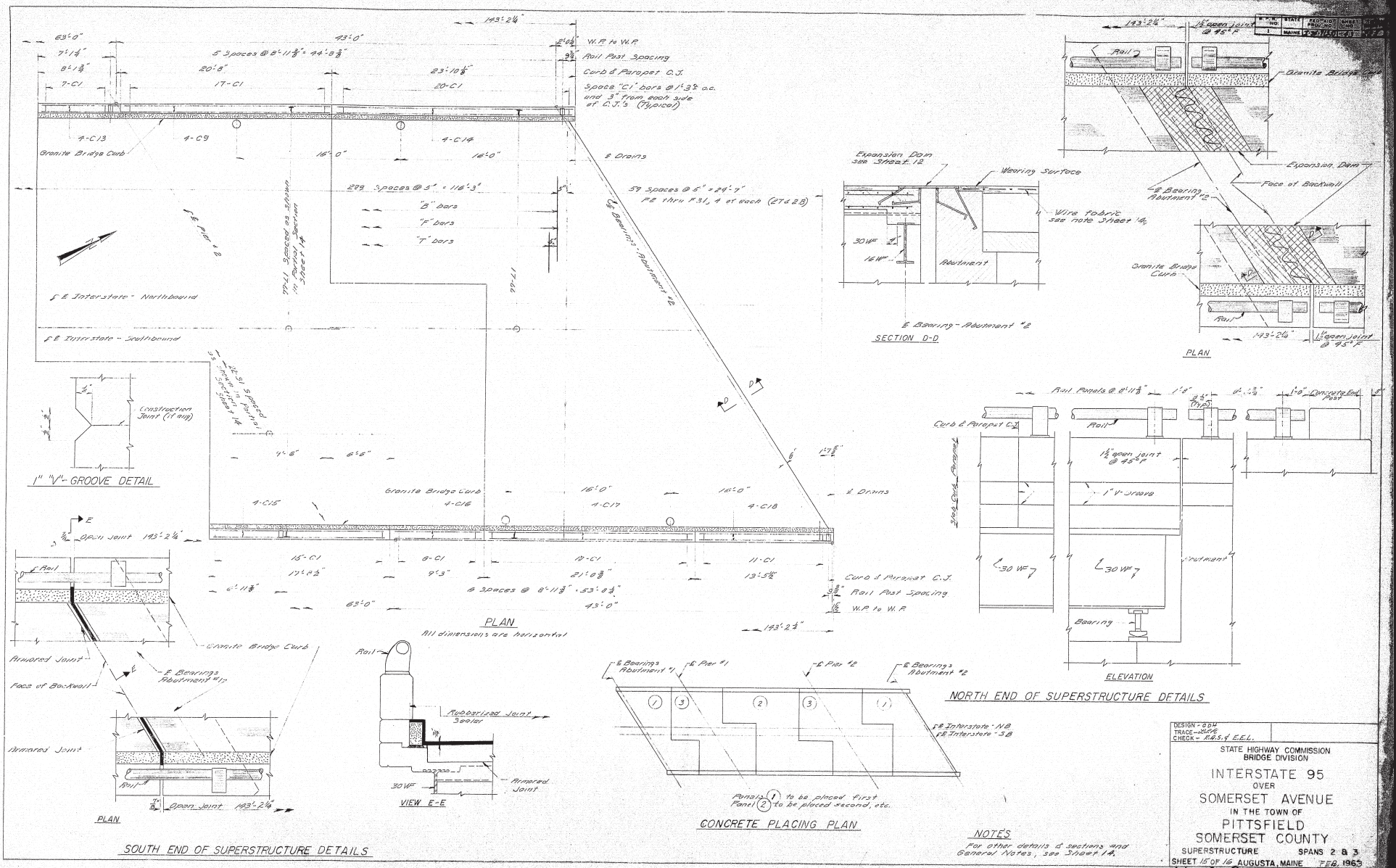
M-1976

C. O. G.C., NO. 2785 10707

0 1 2 3 4 5 INCHES

R.P.R. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
I	MAINE	I-95-1(157)	15	17





NOTES

For other details & sections and General Notes, see Sheet 14.

DESIGN - GDH
TRACE - [illegible]
CHECK - R.A.S. & E.E.L.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

SUPERSTRUCTURE SPANS 2 & 3

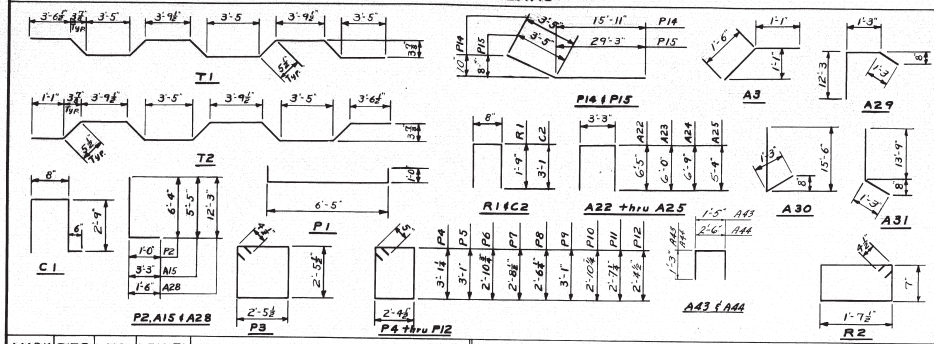
SHEET 15 OF 16 AUGUSTA, MAINE FEB. 1963

M-1978

REINFORCING STEEL SCHEDULE

R. P. D. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(80)	44	225

BENT BARS



MARK	SIZE	NO.	LENGTH	LOCATION
T1	#5	280	23'-8"	Superstructure slabs
T2	#5	280	21'-4"	do do do
C1	#4	480	6'-8"	do parapets
P1	#6	256	8'-5"	Pier footings
P2	#10	192	7'-4"	do
P3	#4	258	10'-7"	Pier column ties
P4	#5	264	11'-10"	Pier cap stirrups
P5		8	11'-9"	
P6			11'-5"	
P7			11'-0"	
P8			10'-8"	
P9			11'-9"	
P10			11'-4"	
P11			10'-10"	
P12			10'-4"	
P14	#10	20	19'-4"	Pier cap
P15	#10	20	32'-8"	do
C2	#4	96	6'-10"	Wingwall parapets
A3	#5	124	2'-7"	Approach slab dowels
R1	#4	16	4'-2"	End posts
R2	#4	8	5'-2"	End posts
A15	#6	16	9'-8"	Abutments
A22		21	16'-1"	
A23		79	15'-3"	
A24		69	16'-9"	
A25		21	13'-11"	
A28	#5	16	13'-9"	Abutment wingwalls
A29		16	14'-9"	
A30		12	16'-9"	
A31		12	15'-0"	
A43	#5	36	3'-11"	Abutment bearing pads
A44	#5	24	5'-0"	do

STRAIGHT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
A1	#4	160	23'-4"	Approach slabs
A2	#6	136	17'-6"	do
A4	#5	16	11'-6"	Abutment Wingwalls
A5	#5	16	11'-11"	do
A6	#5	208	3'-0"	Abutment Footings
A16	#5	26	8'-7"	Abutment wingwalls
A17		26	7'-7"	
A18		78	9'-1"	
A19		26	8'-6"	
A20		26	8'-4"	
A21		26	10'-1"	
A26		376	5'-3"	Abutment backwalls
A27		16	6'-0"	Abutments
A32		12	25'-9"	do
A33		12	23'-6"	do
A34	#6	20	25'-9"	Abutment bridge seats
A35	#5	16	22'-6"	Abutment backwalls
A36		16	23'-0"	do
A37		12	26'-6"	Abutments
A38		12	28'-9"	do
A39		16	27'-9"	Abutment backwalls
A40		16	28'-5"	do
A41	#6	20	26'-6"	Abutment bridge seats
A42	#5	64	12'-4"	Abutment wingwalls

STRAIGHT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
F1	#5	560	21'-10"	Superstructure - slab - trans.
F2		16	2'-11"	
F3			4'-2"	
F4			5'-5"	
F5			6'-9"	
F6			8'-0"	
F7			9'-4"	
F8			10'-7"	
F9			11'-11"	
F10			13'-2"	
F11			14'-5"	
F12			15'-9"	
F13			17'-0"	
F14			18'-4"	
F15			19'-7"	
F16			20'-11"	
F17			22'-2"	
F18			23'-5"	
F19			24'-9"	
F20			26'-0"	
F21			27'-4"	
F22			28'-7"	
F23			29'-11"	
F24			31'-2"	
F25			32'-5"	
F26			33'-9"	
F27			35'-0"	
F28			36'-4"	
F29			37'-7"	
F30			38'-11"	
F31		16	40'-0"	
S1		44	16'-0"	- long.
L1		616	37'-0"	- over pier
C19	#4	8	12'-4"	Superstructure parapets
C3			13'-10"	
C4			8'-8"	
C5			17'-7"	
C6			21'-2"	
C7			14'-11"	
C8			15'-6	
C9		16	20'-4"	
C10		8	7'-9"	
C11			21'-2"	
C12			15'-2"	
C13			7'-10"	
C14			23'-6"	
C15			17'-4"	
C16			8'-11"	
C17			20'-8	
C18			13'-2"	

STRAIGHT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
P13	#6	32	25'-6"	Pier cap
P16	#10	40	25'-11"	
P17	#7	32	9'-0"	
P18	#7	32	6'-6"	
P19	#9	36	16'-0"	Pier columns
P20		24	17'-0"	
P21		24	18'-0"	
P22		12	18'-9"	
P23		24	17'-9"	
P24		24	17'-3"	
P25		12	22'-9"	
P26		12	20'-0"	
P27		12	19'-3"	
P28		12	18'-6"	
B1	#5	280	18'-0"	Superstructure slab - trans
B2	#5	280	25'-8"	do

NOTES.
1. All bars shall be intermediate grade steel.
2. All dimensions are to the center line of bars.

DESIGN- CDM
TRACE- L.E.C.
CHECK- R.A.S. & E.F.L.
BRIDGE NO.
SURVEY-
PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
SOMERSET AVENUE
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

REINFORCING STEEL SCHEDULE

SHEET 16 OF 16 AUGUSTA, MAINE FEB. 1963

M-1979.

C. B. CO. NO. 5788 10707

0 1 2 3 4 5 INCHES