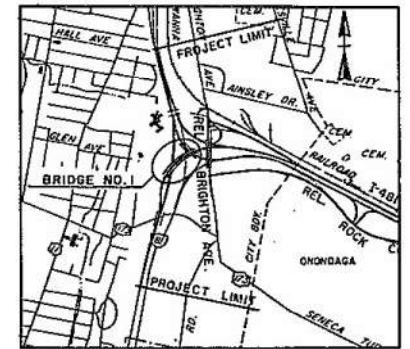




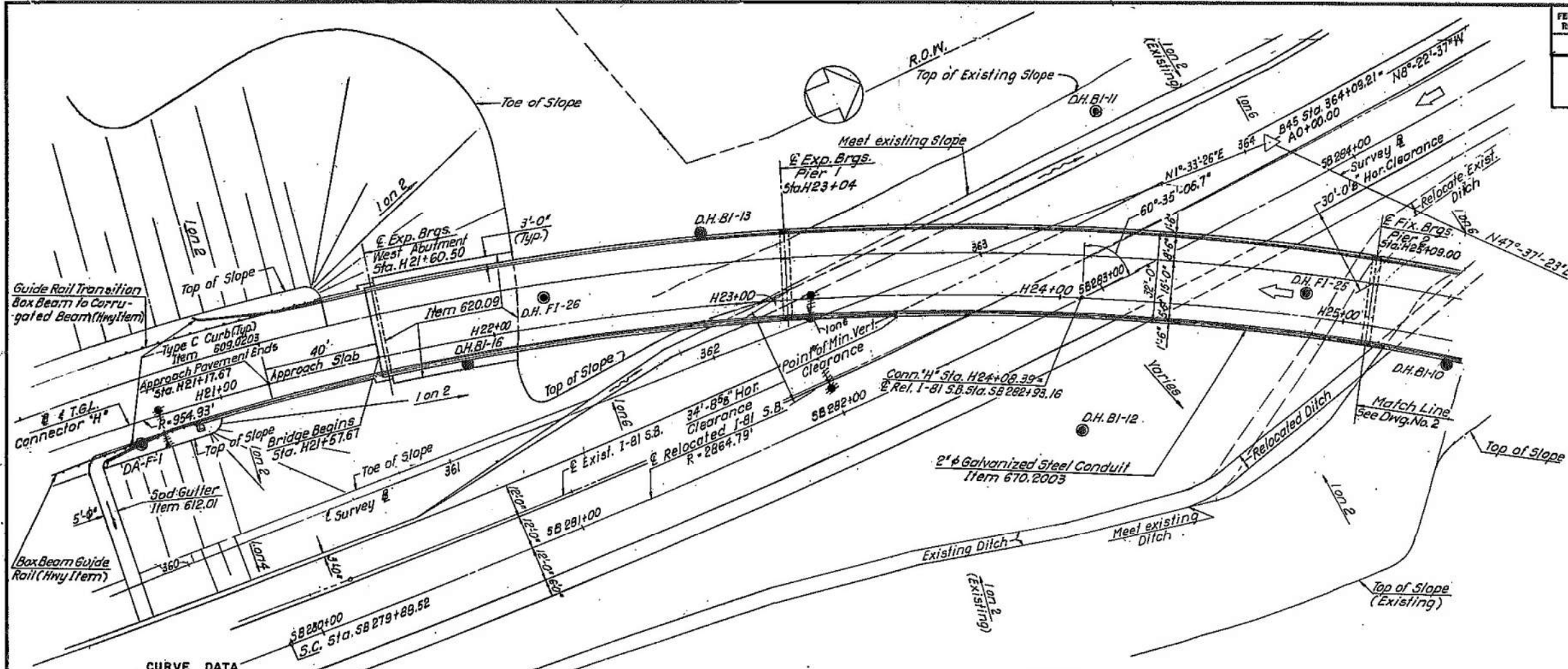
D95042

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-10-481-2(74) 1-11-81-2(128)	256 R1	571

INTERSTATE ROUTE CONNECTION 571
FOREST INTERCHANGE - JAMESVILLE
ONONDAGA COUNTY



LOCATION PLAN
Scale: 1" = 2000'

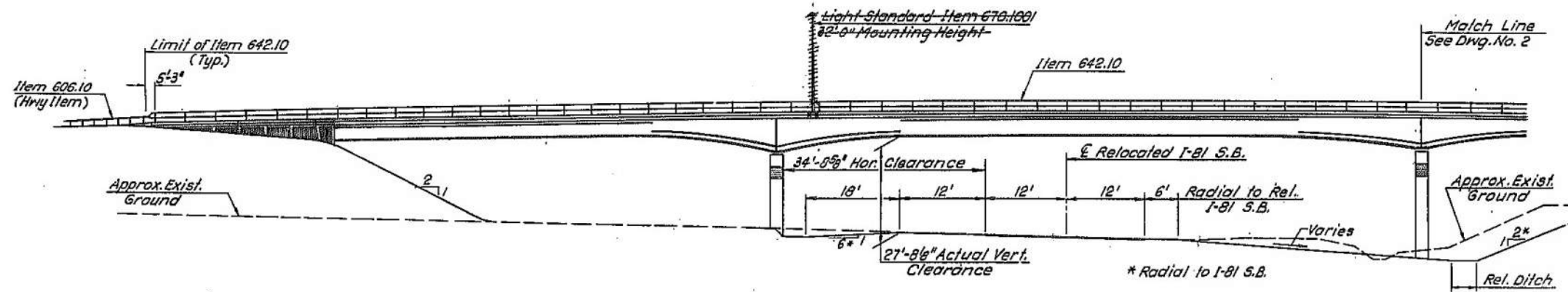


CURVE DATA

Conn. "H"	Rel. & Exist. I-81 S.B.
R = 954.930'	R = 2864.789'
T = 759.132'	T = 679.825'
Δ = 76°-53'-00"	Δ = 26°-41'-56.9"
L = 1282.775'	L = 1334.956'
D = 6°-00'-00"	D = 2°-00'-00"

PLAN
Scale: 1" = 20'

- LEGEND**
- Location of Drill Hole
 - Lighting Pull Box
 - Light Standard



ELEVATION
Scale: 1" = 20'

- REFERENCES:**
- For Index of Drawings, see Dwg. No. 5
 - For Typical Deck Cross Section, see Dwg. No. 32
 - For crossfalls of Relocated I-81 S.B., see Approach Section, Dwg. No. 5
 - For Approach Pavement Dimensions, see Approach Sections, Dwg. No. 5

In Charge	Date	Revision
Designed by: J. M. Muller		
Design Checked by: H. W. Valentine		
Detailed by: N. Kowalski		
Detail Checked by: J. P. Smith		

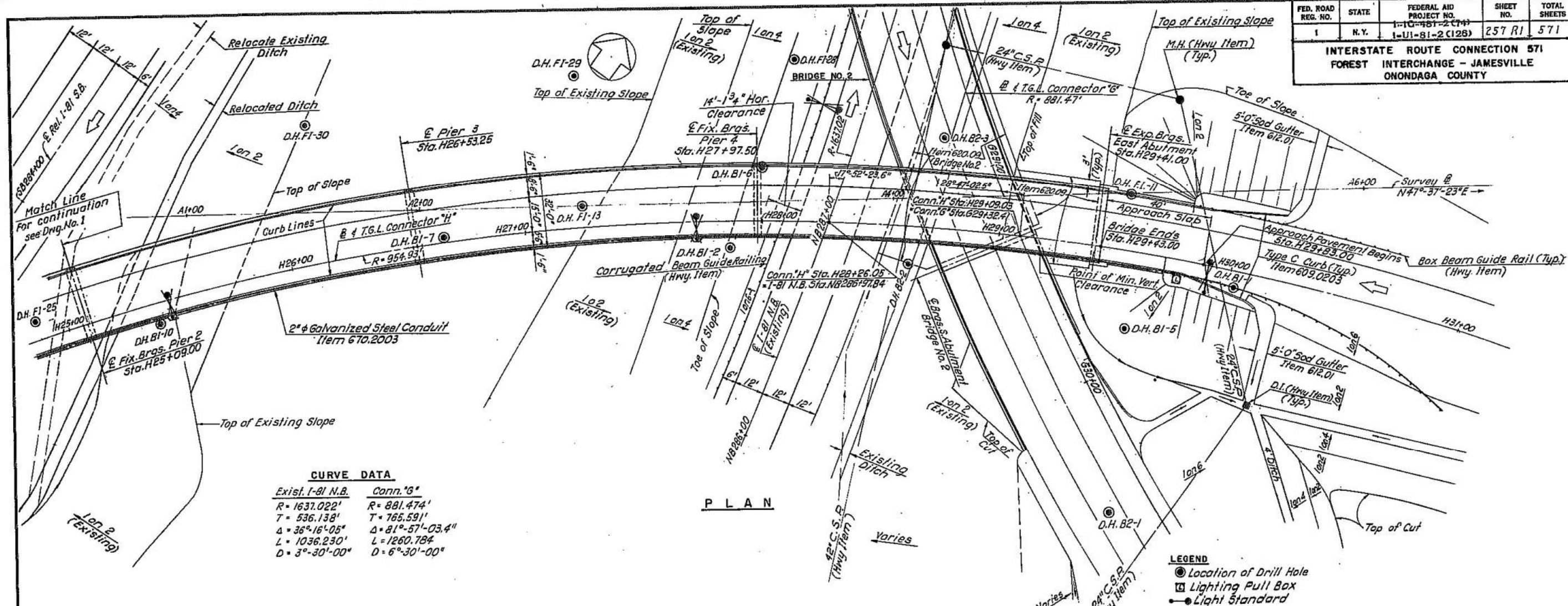
Prepared and recommended
12/1/75
Goodkind & O'Dea, Inc.
Consulting Engineers

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
1	As noted	Nov 1975	

BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND I-81
GENERAL PLAN AND ELEVATION I

D95042

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-10-451-2(74) 1-11-81-2(126)	257 R1	571
INTERSTATE ROUTE CONNECTION 571 FOREST INTERCHANGE - JAMESVILLE ONONDAGA COUNTY				



CURVE DATA

Exist. I-81 N.B.	Conn. 'G'
R = 1637.022'	R = 881.474'
T = 536.138'	T = 765.591'
Δ = 36°-16'-05"	Δ = 81°-57'-03.4"
L = 1036.230'	L = 1260.784'
D = 3°-30'-00"	D = 6°-30'-00"

PLAN

LEGEND

- Location of Drill Hole
- Lighting Pull Box
- Light Standard

REFERENCES:

1. For Typical Deck Cross Section, see Dwg. No. 32.
2. For Curve Data for Conn. 'H', see Dwg. No. 1.
3. For crossfalls of I-81 S.B., see Approach Sections, Dwg. No. 5.

DELETED STREET LIGHTS

BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND I-81
GENERAL PLAN AND ELEVATION II

In Charge of	Date	Revision
Designed by <i>J. Murphy</i>		
Design Checked by <i>M. W. Varnette</i>		
Detail Checked by <i>M. W. Varnette</i>		

Prepared and recommended
Donald A. O'Dea
GOODKIND & O'DEA, INC.

Date: 12/1/75
Consulting Engineers

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC.
2	1" = 20'	Nov. 1975	CONSULTING ENGINEERS



D85042

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-1G-481-2(74) 1-1J-81-2(128)	263	571

INTERSTATE ROUTE CONNECTION 571
FOREST INTERCHANGE - JAMESVILLE
ONONDAGA COUNTY

LEGEND:

- Highway Embankment Material.
(Item 203.03) (Hwy Item)
- Highway Embankment Material 6' top size.
(Item 203.03) (Hwy Item)
- Select Structure Fill - Bridges (Item 203.21)
- Underdrain Filter Type C at Structures
(Item 605.11).
- Backfill with Suitable Excavated Material
as provided for under Item 206.01, Structure
Excavation.

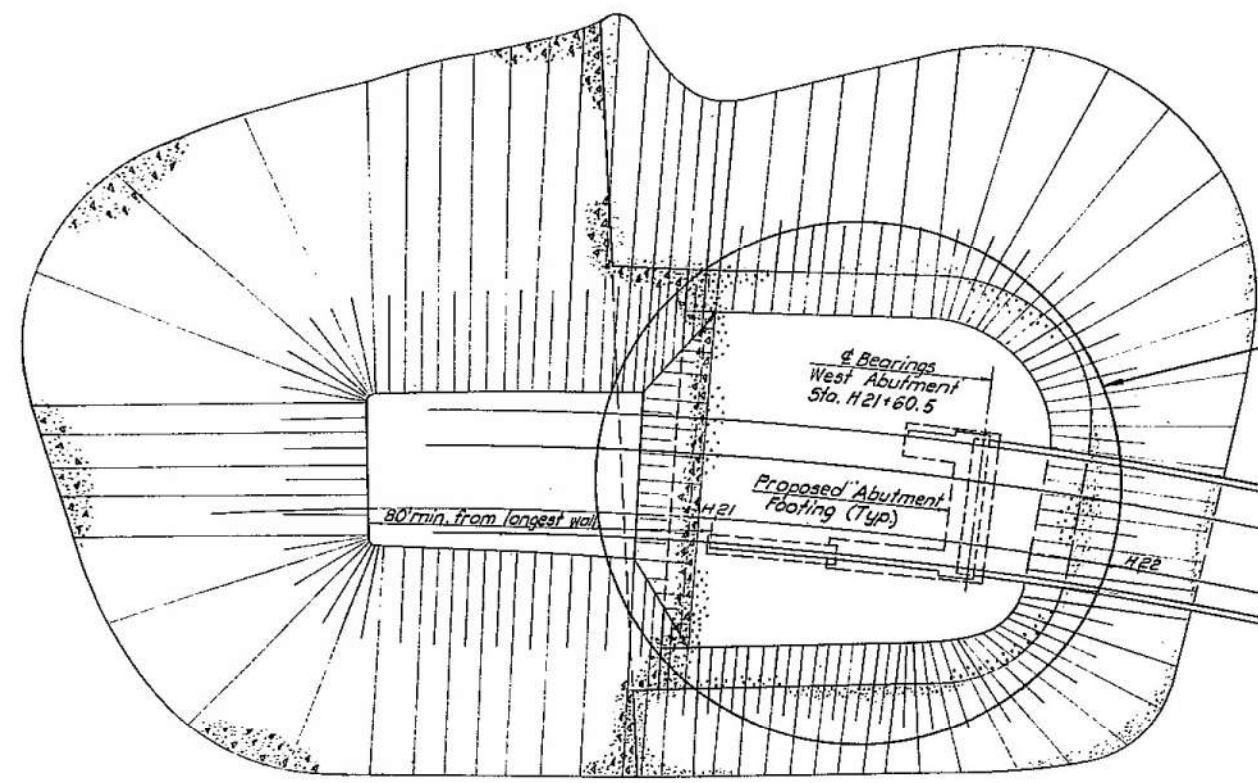
REFERENCES:

1. For Subsurface Profile, see Dwg. Nos. 3 & 4.
2. For Longitudinal Sections, see Dwg. No. 7.
3. For Embankment Sections and Note 1, see
Dwg. No. 9.
4. For Sections A-A and B-B, see Dwg. No. 9.

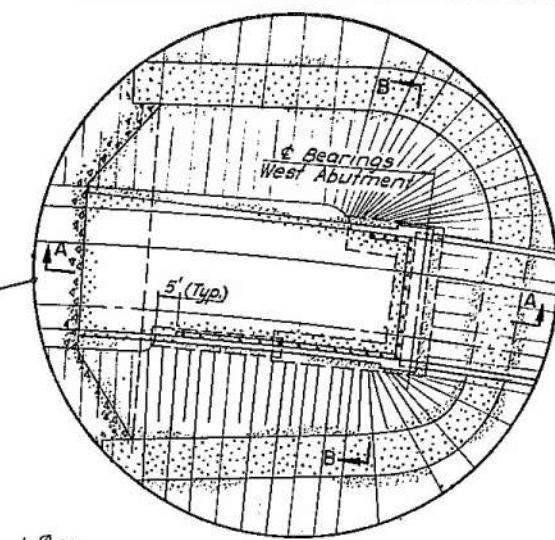
BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND I-81
EMBANKMENT PLAN

Prepared and recommended
[Signature]
GOODKIND & O'DEA, INC.
Consulting Engineers

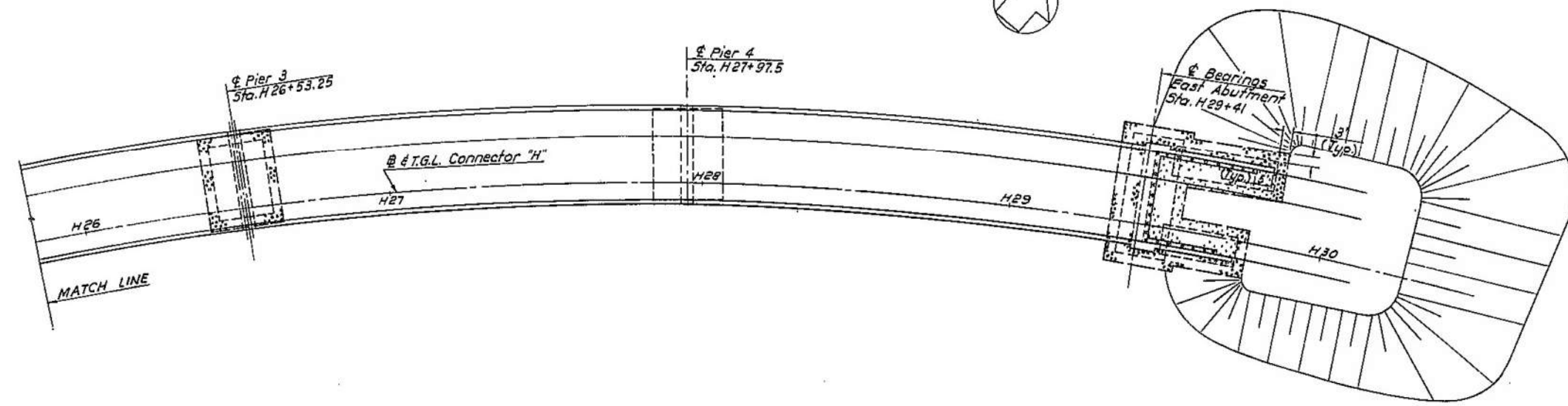
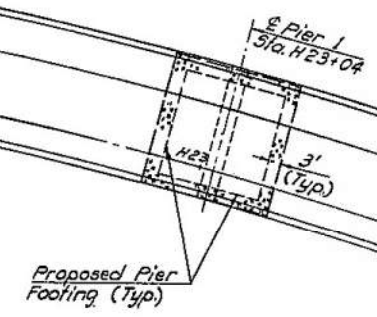
DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
8	1"=20'	Nov. 1975	



STAGE 1
(See Note 1)



STAGE 2

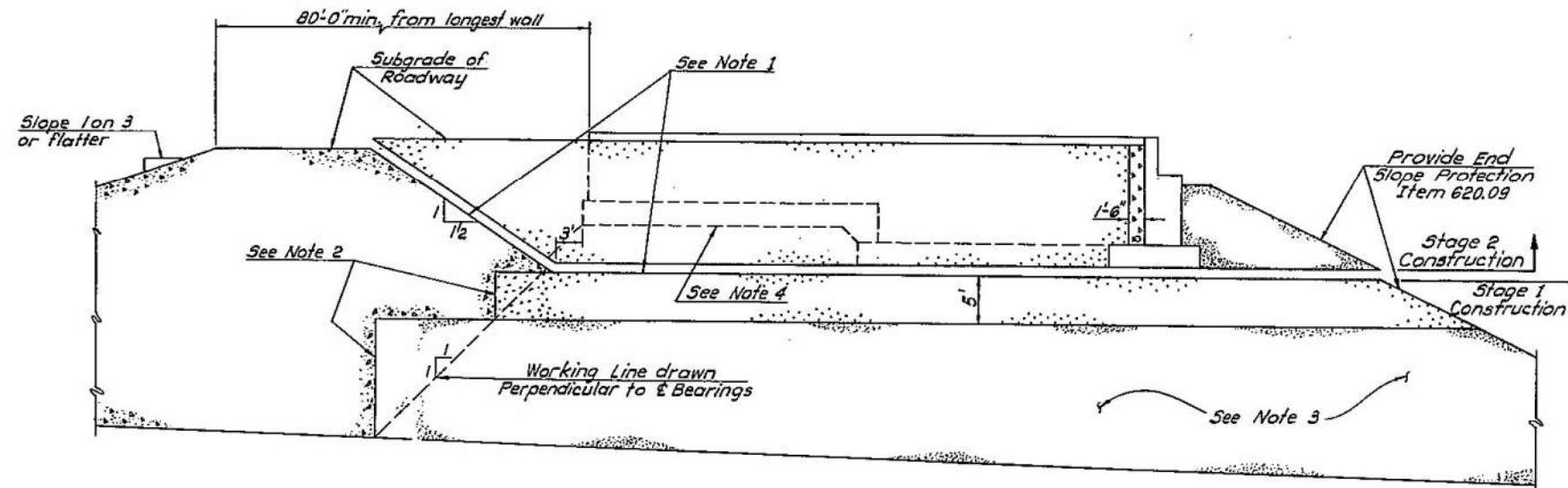


In Charge of Engineering
 Designed by *[Signature]*
 Checked by *[Signature]*
 Drawn by *[Signature]*
 Draft Checked by *[Signature]*

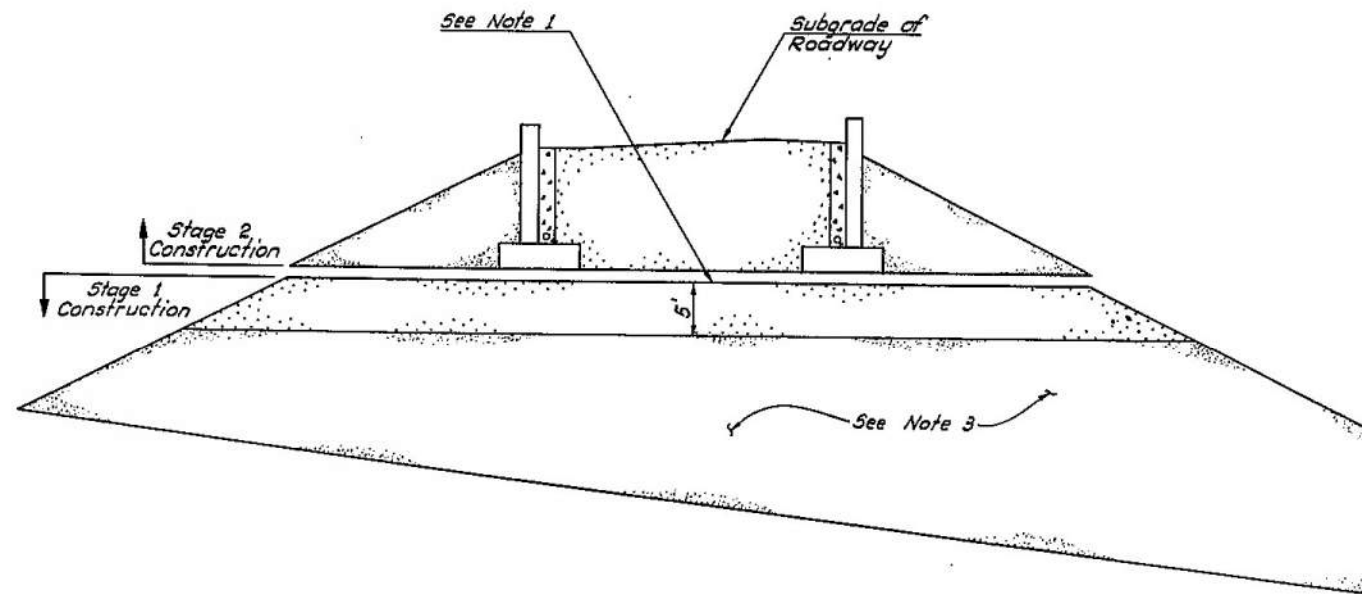


D95042

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-10-481-2(74) 1-UL-81-2(28)	264	571
INTERSTATE ROUTE CONNECTION 571 FOREST INTERCHANGE - JAMESVILLE ONONDAGA COUNTY				



SECTION A-A



SECTION B-B

NOTES:

1. The embankment shall be built to the subgrade of roadway excluding the abutment area and a one month waiting period shall be observed prior to the construction of West Abutment.
2. Item 203.03 and Item 203.21 shall be placed simultaneously, in contact on both sides of the vertical payment line. Sheeting or other material shall not be used to separate the two materials.
3. Highway embankment material placed within these limits shall have maximum dimension of 6 inches and shall be compacted to 95% of maximum density. Quantity to be included in Highway Estimate.
4. Highway embankment, place to this Line prior to Wingwall Construction.

REFERENCES:

1. For Embankment Plan and Legerid see Dwg. No. 8.
2. For Subsurface Profile, see Dwg Nos 3 & 4.

BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND I-81
EMBANKMENT SECTIONS

In Charge of Preparation
Designed by J. G. Goss
Design Checked by J. R. Rupp
Drawn by L. J. J. J.
Detail Checked by J. J. J. J.

Prepared and recommended
Develin
GOODKIND & O'DEA, INC.

Date 12/1/75
Consulting Engineers

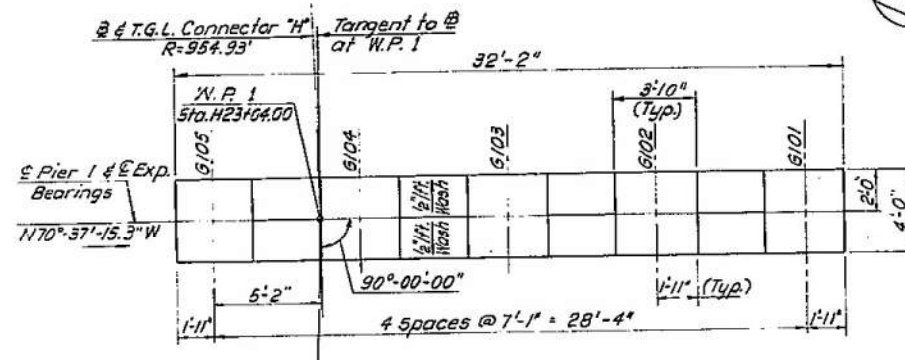
DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
9	8"=1'-0"	Nov. 1975	



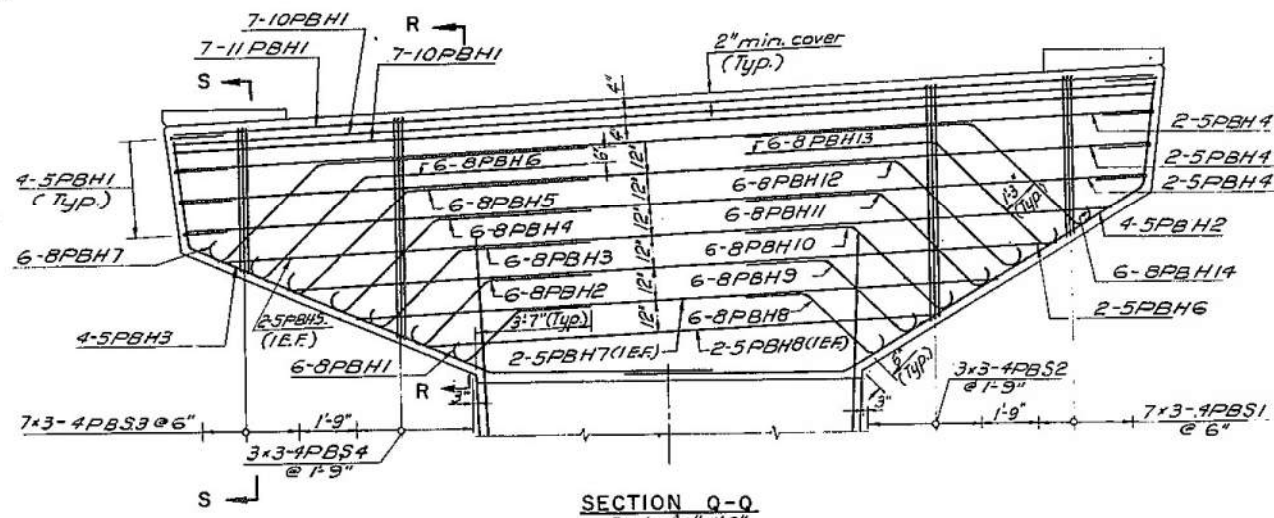
D95042

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-10-481-2(128) 1-11-81-2(128)	273	571

INTERSTATE ROUTE CONNECTION 571
FOREST INTERCHANGE - JAMESVILLE
ONONDAGA COUNTY

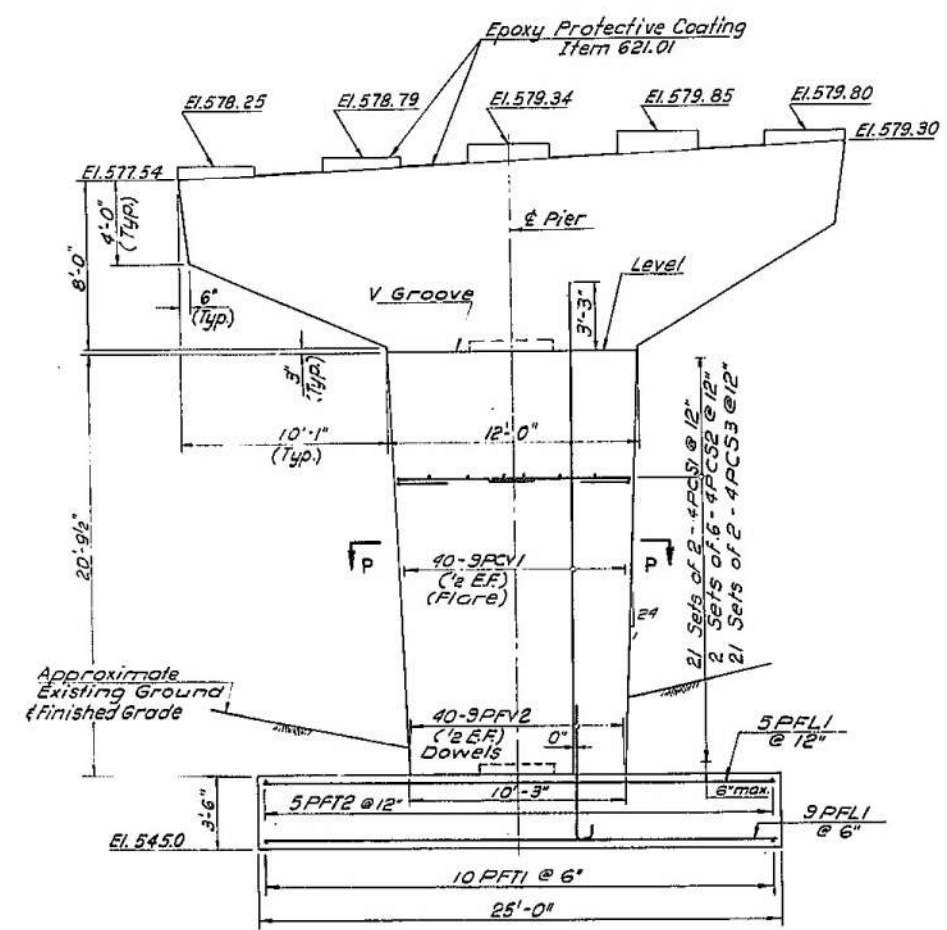


CAP PLAN
Scale: 1/4" = 1'-0"

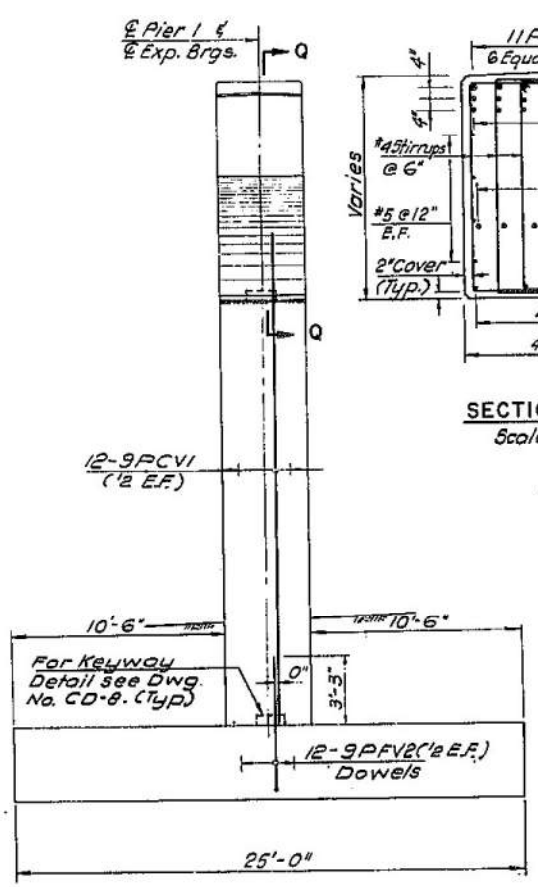


SECTION Q-Q
Scale: 3/8" = 1'-0"

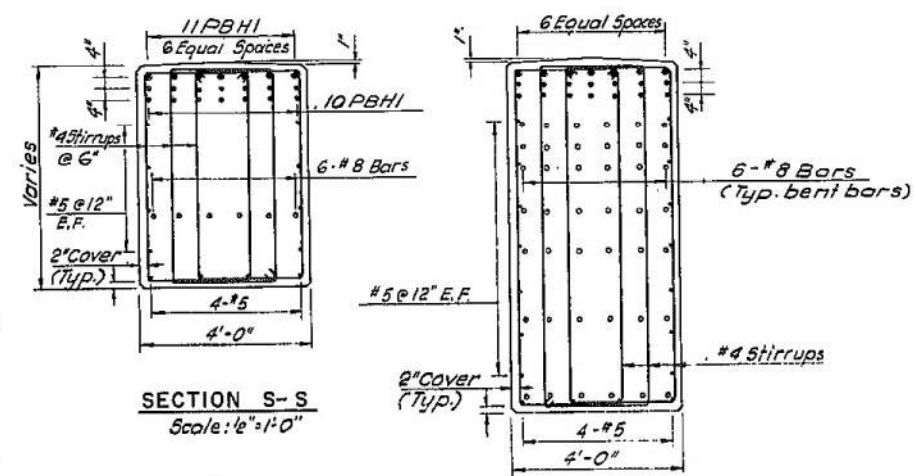
CONCRETE POUR TABLE (CUBIC YARDS)		
POUR	ITEM 601.01	ITEM 601.02
Footing	—	81.10
Column	34.28	—
Cap	35.27	—
Pedestals	2.25	—



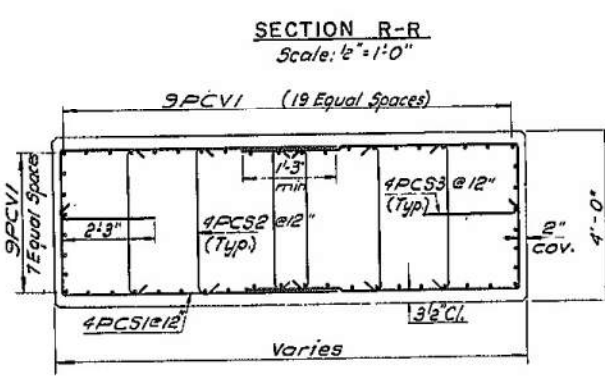
ELEVATION
Scale: 1/4" = 1'-0"
(Looking in Direction of Travel)



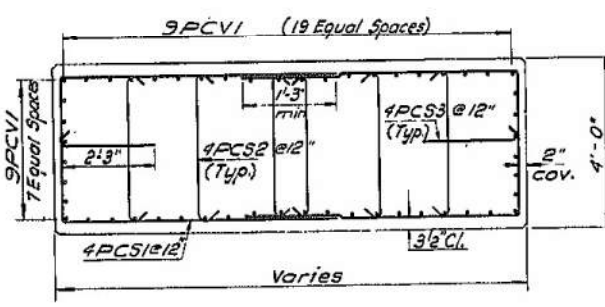
END ELEVATION
Scale: 1/4" = 1'-0"



SECTION S-S
Scale: 1/2" = 1'-0"



SECTION R-R
Scale: 1/2" = 1'-0"



SECTION P-P
Scale: 1/2" = 1'-0"

- REFERENCES:
1. For Working Point Layout, see Dwg. No. 5.
 2. For General Substructure Notes, see Dwg. No. CD-1.
 3. For Anchor Bolt Layout, Footing Plan, Pedestal Details and Pay Limits, see Dwg. No. 22.
 4. For Details of Bearings and Anchor Bolts, see Dwg. No. 26.
 5. For Aesthetic Treatment of Piers, see Dwg. No. 19.
 6. For Bar List and Reinforcing in Specific Pours see Dwg. Nos. 38 & 39.

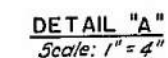
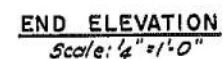
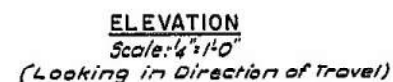
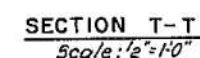
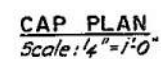
BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND 1-81
PIER 1

In Charge of Design
Designed by J.B. C. 11/15/75
Checked by J.A. 11/15/75
Reviewed by L.V. 11/15/75
Detail Checked by J.P. 11/15/75

Prepared and recommended
Date 12/1/75
GOODKIND & O'DEA, INC.
Consulting Engineers

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
18	As noted	Nov. 1975	

CONCRETE POUR TABLE (CUBIC YARDS)		
POUR	ITEM 601.01	ITEM 601.02
Footings	—	100.07
Columns	44.54	—
Cap	35.27	—
Pedestals	22.5	—



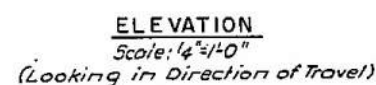
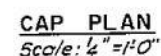
BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND 1-81
PIER 2

Date 12/1/75

Consulting Engineers

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
19	As noted	Nov. 1975	

CONCRETE POUR TABLE (CUBIC YARDS)		
POUR	ITEM 601.01	ITEM 601.02
<i>Footings</i>	—	42.75
<i>Column</i>	26.23	—
<i>Cap</i>	35.27	—
<i>Pedestals</i>	2.25	—



BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND I-81
PIER 3



DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
20	A8 Noted	Nov. 1975	

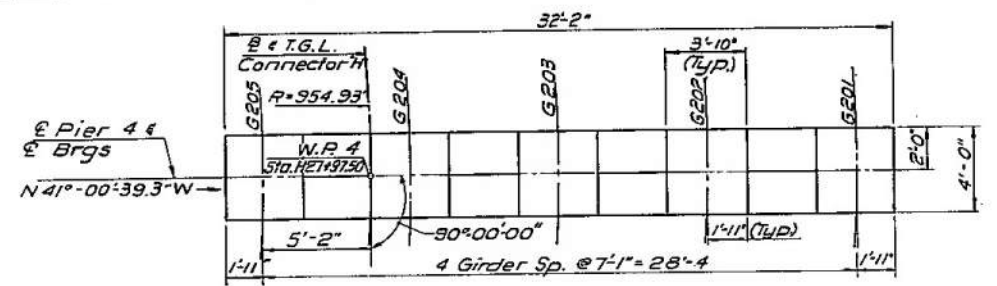


D95042

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-1G-481-2(74) 1-111-81-2(128)	276	571

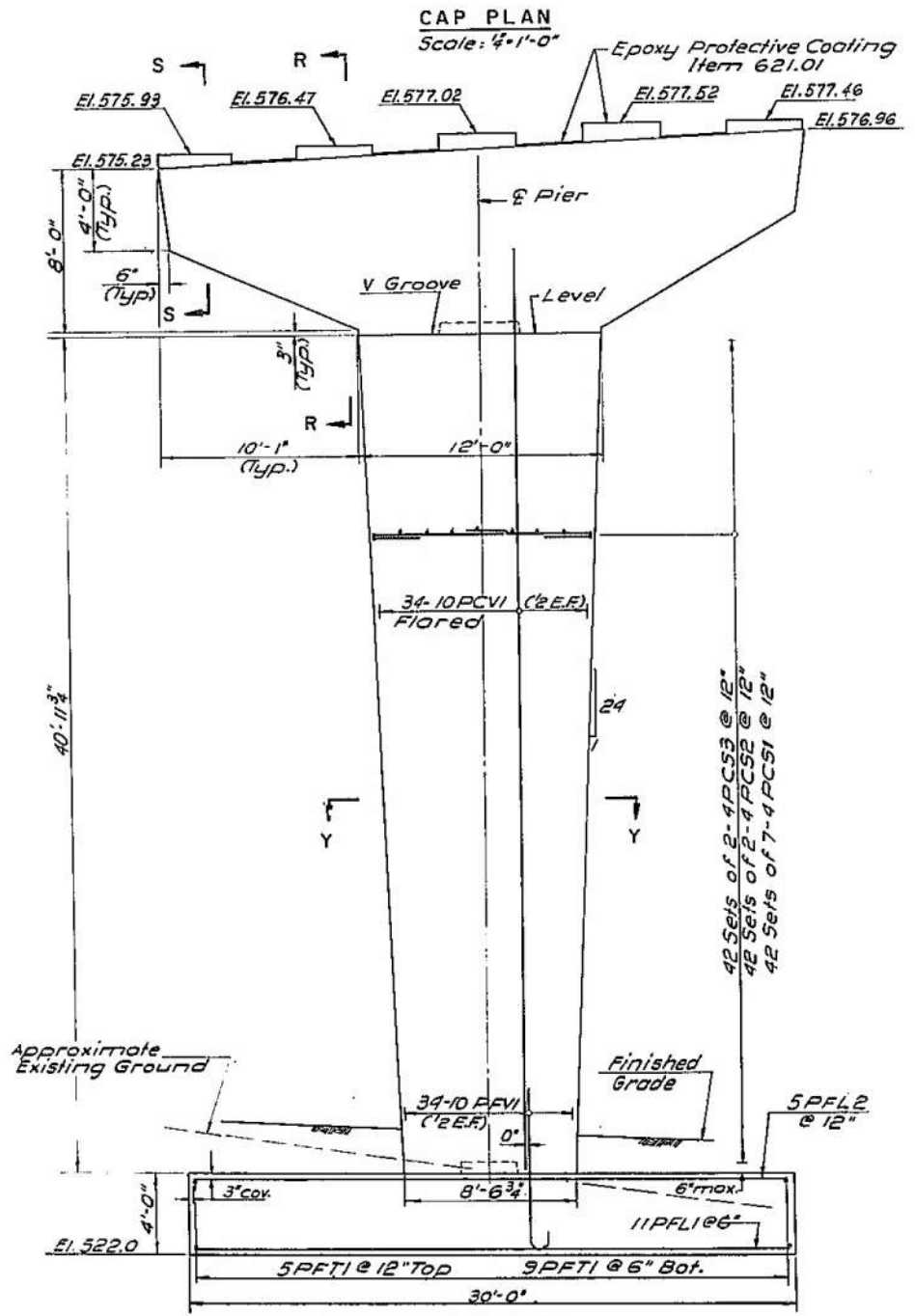
INTERSTATE ROUTE CONNECTION 571
FOREST INTERCHANGE - JAMESVILLE
ONONDAGA COUNTY

CONCRETE POUR TABLE (CUBIC YARDS)		
POUR	ITEM 601.01	ITEM 601.02
Footings	—	97.84
Column	62.44	—
Cap	35.27	—
Pedestals	2.25	—



CAP PLAN

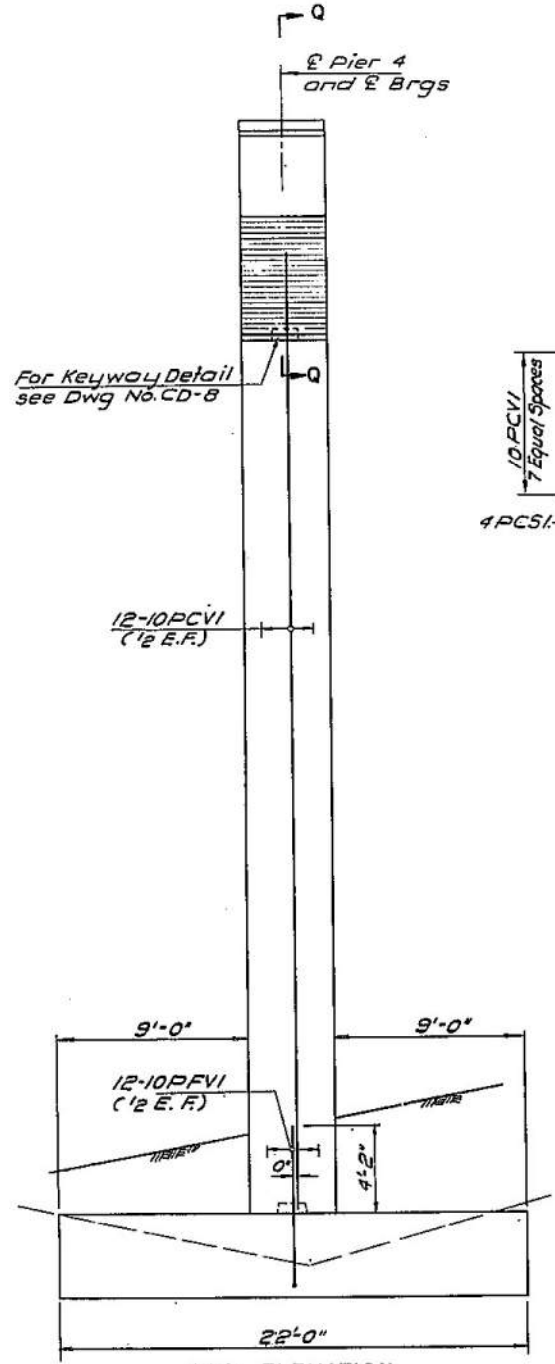
Scale: 1/4" = 1'-0"



ELEVATION

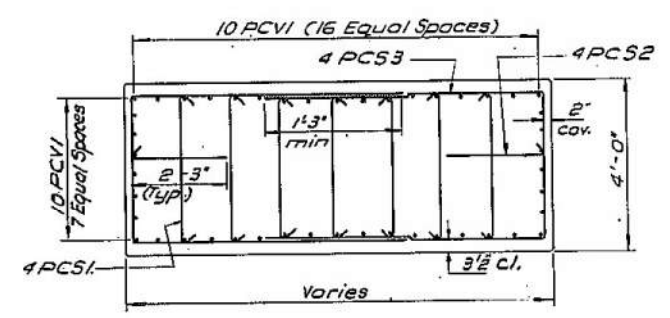
Scale: 1/4" = 1'-0"

(Looking in Direction of Travel)



END ELEVATION

Scale: 1/4" = 1'-0"



SECTION Y-Y

Scale: 1/2" = 1'-0"

REFERENCES:

- 1. For Additional References see Dwg No. 18
- 2. For Bar Lists see Dwg No. 39.
- 3. For Pier Cap Reinforcing and Sections Q-Q, R-R and S-S see Dwg No. 18

BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND I-81
PIER 4

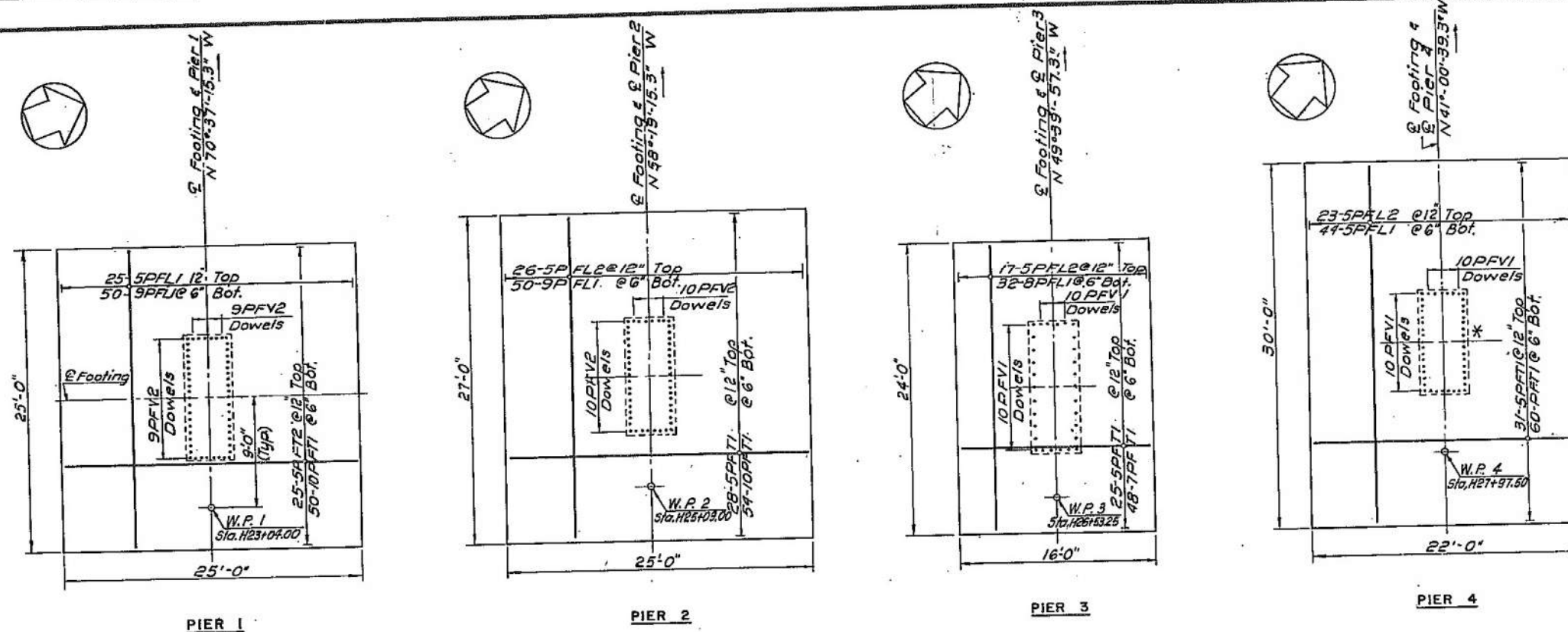
Prepared and recommended
[Signature]
GOODKIND & O'DEA, INC.

Date 11/1/75
Consulting Engineers

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
21	As noted	Nov 1975	

In Charge of Construction
Checked by B.O. Criswell
Designed by A.C. & L.V.
Detail Checked by [Signature]

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-10-481-2(126) 1-11-81-2(126)	277 R1	571
INTERSTATE ROUTE CONNECTION 571 FOREST INTERCHANGE - JAMESVILLE ONONDAGA COUNTY				

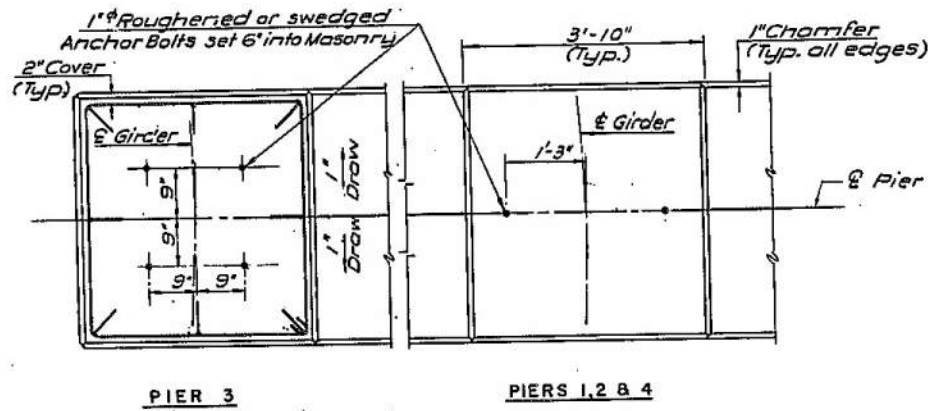


* NOTE: 10 PFV1 DOWELS PLACED WITH 8" COVER ON LONG FACES ONLY BY ERROR. CORRECTED BY PLACING 7'-2" LONG #10 REBARS WITH 3" INBEDMENT & 4'-2" LAP AT EVERY OTHER BAR LOCATION.

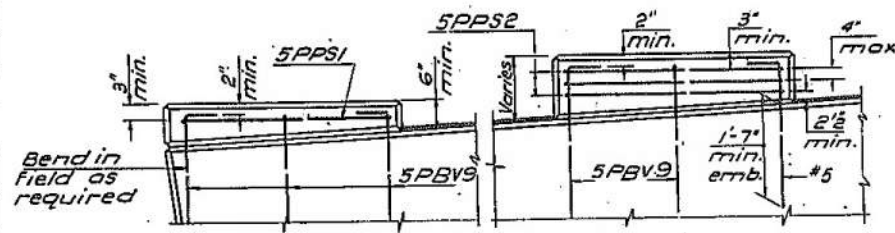
FOOTING PLANS
Scale: 3/16" = 1'-0"

NOTE:
For design purposes all Pier Footings are designed for a maximum allowable bearing pressure of 2.5 tons per square foot.

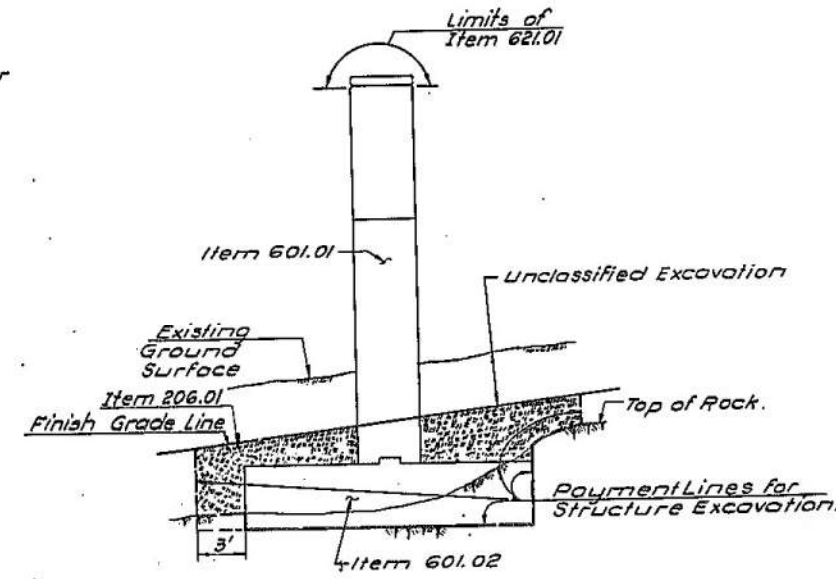
- REFERENCES:
1. For Additional References, see Dwg. No. 18.
2. For Bar Lists, see Dwg. Nos. 38 & 39.



PLAN AND ANCHOR BOLT LAYOUT
Scale: 3/4" = 1'-0"



ELEVATION FASCIA PEDESTAL Scale: 3/4" = 1'-0"
ELEVATION INTERIOR PEDESTAL Scale: 3/4" = 1'-0"



PAY LIMITS
Not to Scale

CHANGED DOWEL LOCATION FOR PIER #4

BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND 1-81
PIER FOOTING REINFORCING
AND PEDESTAL DETAILS

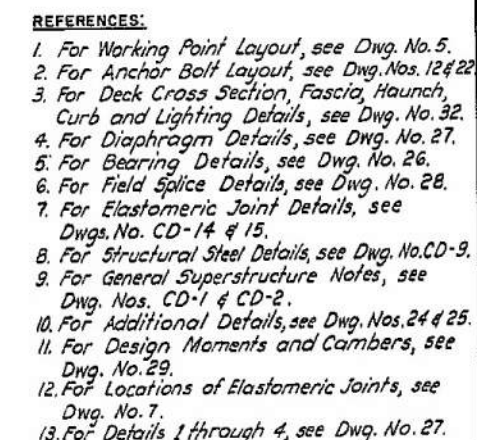
Prepared and recommended
D. J. ...
GOODKIND & O'DEA, INC.
Consulting Engineers

Date 12/1/75

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
22	As noted	Nov. 1975	

In Charge of Design
Designed by H. Volkmann
Checked by B. O. Crispell
Reviewed by A. Centello
Drawn by J. J. ...

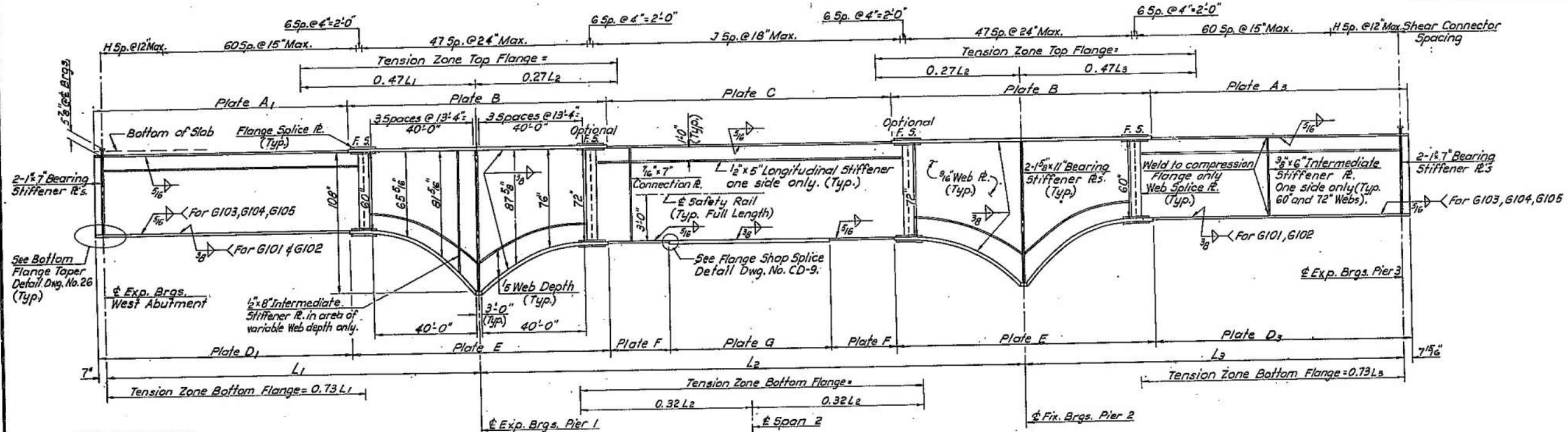
INTERSTATE ROUTE CONNECTION 571
FOREST INTERCHANGE - JAMESVILLE
ONONDAGA COUNTY



Prepared and recommended
D. Swethin
GOODKIND & O'DEA, INC.

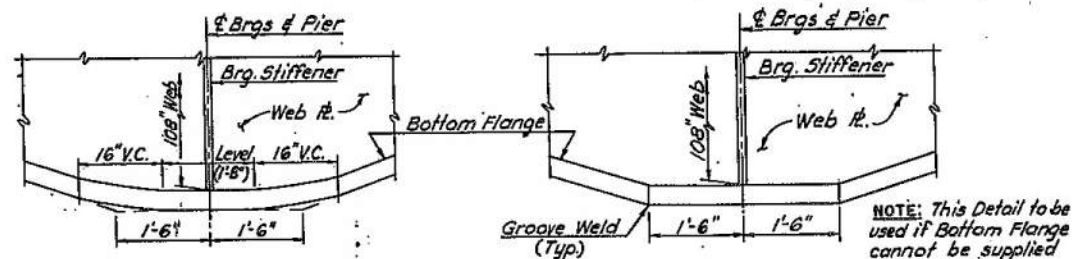
DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
23	1"=10'	NOV. 1975	

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-10-481-2 (14) -1-01-81-2 (128)	279 R1	571
INTERSTATE ROUTE CONNECTION 571 FOREST INTERCHANGE - JAMESVILLE ONONDAGA COUNTY				



G I R D E R S C H E D U L E																							
MARK	SPAN LENGTHS C/C BEARINGS			RADIUS (FEET)	FLANGE PLATES												SHEAR STUDS		ADDITIONAL FLANGE LENGTHS				
					A ₁ AND A ₃		B		C		D ₁ AND D ₃		E		F		G		H	J	A ₁ AND D ₁	A ₃ AND D ₃	C
	L ₁	L ₂	L ₃		SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH					
G101	146'-11 3/4"	209'-11 5/8"	127'-0"	978.096	1 1/4" X 24"	*	2" X 24"	94'-0"	1 1/4" X 24"	*	1 1/2" X 24"	*	2" X 24"	94'-0"	1 1/4" X 24"	27'-6"	1 3/4" X 24"	60'-11 5/8"	20	79	100'-6 3/4"	100'-7 15/16"	115'-11 5/8"
G102	145'-11"	208'-5 3/8"	145'-11 1/8"	971.013	1 1/4" X 24"	*	2" X 24"	94'-0"	1 1/4" X 24"	*	1 1/2" X 24"	*	2" X 24"	94'-0"	1 1/4" X 24"	27'-6"	1 3/4" X 24"	99'-5 3/8"	19	79	99'-6"	99'-7 1/16"	114'-5 3/8"
G103	144'-10 1/4"	206'-11 1/8"	144'-10 3/8"	963.930	1" X 24"	*	1 5/8" X 24"	94'-0"	1" X 24"	*	1 1/4" X 24"	*	1 5/8" X 24"	94'-0"	1" X 24"	27'-6"	1 1/2" X 24"	97'-11 1/8"	18	77	98'-5 1/4"	98'-6 5/16"	112'-11 1/8"
G104	143'-9 1/2"	205'-5"	143'-9 1/2"	956.846	1" X 24"	*	1 5/8" X 24"	94'-0"	1" X 24"	*	1 1/4" X 24"	*	1 5/8" X 24"	94'-0"	1" X 24"	26'-6"	1 1/2" X 24"	97'-5 7/16"	17	77	97'-4 1/2"	97'-5 7/16"	111'-5"
G105	142'-8 5/8"	203'-10 3/4"	142'-8 5/8"	949.763	1" X 24"	*	1 5/8" X 24"	94'-0"	1" X 24"	*	1 1/4" X 24"	*	1 5/8" X 24"	94'-0"	1" X 24"	26'-6"	1 1/2" X 24"	96'-10 3/4"	16	75	96'-3 5/8"	96'-4 9/16"	109'-10 3/4"

* See Additional Flange Lengths Table.

**NOTES:**

THE CURVATURE SHOWN ON THE FLANGE, AS DETAILED, MAY BE OBTAINED BY BENDING THE FLANGE WHILE AT A TEMPERATURE OF BETWEEN 1000° F. AND 1200° F. HEATING SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE NEW YORK STATE SPECIFICATION FOR HEAT-CURVING AND CAMBERING OF ROLLED BEAMS AND WELDED PLATE GIRDERS. APPROPRIATE ADJUSTMENT TO THE DEPTH OF THE WEB MUST BE MADE.

AFTER BENDING THE FLANGE TO THE REQUIRED CURVATURE, THE CONTRACTOR SHALL INSPECT ALL SURFACES NEAR THE BENDS FOR INDICATIONS OF CRACKING BY THE MAGNETIC PARTICLE METHOD. THE COST FOR THE MAGNETIC PARTICLE INSPECTION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE STEEL.

REVISED FLANGE PLATE DIMENSION

BRIDGE NO. 1

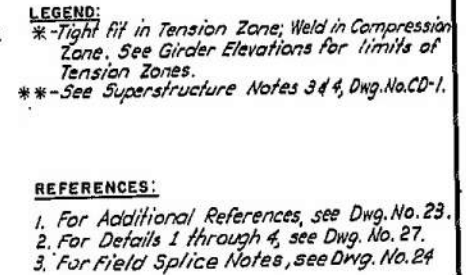
CONNECTOR "H" OVER
CONNECTOR "G" AND I-81
GIRDER DETAILS SPANS 1, 2 & 3

Prepared and recommended
by
GOODKIND & O'DEA, INC.

Date: 12/1/75

Consulting Engineers

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
24	A5 noted	Nov. 1975	



GIRDER SECTIONS
Not to Scale

GIRDER SCHEDULE																		SHEAR STUD
MARK	SPAN LENGTH		RADIUS (FEET)	FLANGE PLATES												F		
	C/C BEARINGS			PLATE A		PLATE B		PLATE C		PLATE D		PLATE E						
	L ₁	L ₂		SIZE	A ₁	A ₂	SIZE	LENGTH	SIZE	LENGTH	SIZE	D ₁	D ₂	SIZE	LENGTH			
G201	147'-0"	146'-11 3/4"	978.096	1 1/8" x 24"	87'-7 15/16"	87'-6 3/4"	1 3/4" x 24"	40'-0"	3" x 24"	40'-0"	1 3/4" x 24"	127'-7 15/16"	127'-6 3/4"	3" x 24"	40'-0"	37		
G202	145'-11 1/8"	145'-11"	971.013	1 1/8" x 24"	86'-7 1/16"	86'-6"	1 3/4" x 24"	40'-0"	3" x 24"	40'-0"	1 3/4" x 24"	126'-7 1/16"	126'-6"	3" x 24"	40'-0"	36		
G203	144'-10 3/8"	144'-10 1/4"	963.930	1" x 24"	85'-6 5/16"	85'-5 1/4"	1 1/2" x 24"	40'-0"	2 1/2" x 24"	40'-0"	1 1/2" x 24"	125'-6 5/16"	125'-5 1/4"	2 1/2" x 24"	40'-0"	35		
G204	143'-9 1/2"	143'-9 1/2"	956.846	1" x 24"	84'-5 7/16"	84'-4 1/2"	1 1/2" x 24"	40'-0"	2 1/2" x 24"	40'-0"	1 1/2" x 24"	124'-5 7/16"	124'-4 1/2"	2 1/2" x 24"	40'-0"	34		
G205	142'-8 5/8"	142'-8 5/8"	949.763	1" x 24"	83'-4 9/16"	83'-3 5/8"	1 1/2" x 24"	40'-0"	2 1/2" x 24"	40'-0"	1 1/2" x 24"	123'-4 9/16"	123'-3 5/8"	2 1/2" x 24"	40'-0"	33		

BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND 1-81
FRAMING PLAN
AND GIRDER DETAILS SPANS 4 & 5

Prepared and recommended Date 12/1/75
D. Scordis
 GOODKIND & O'BEA, INC. Consulting Engineers

DWG.	NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
25		As noted	Nov. 1975	

INTERSTATE ROUTE CONNECTION 571
FOREST INTERCHANGE - JAMESVILLE
ONONDAGA COUNTY

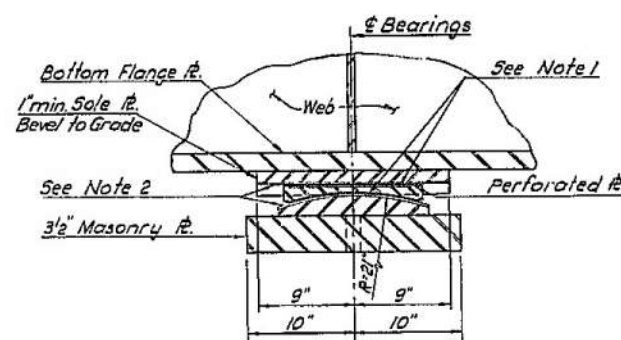
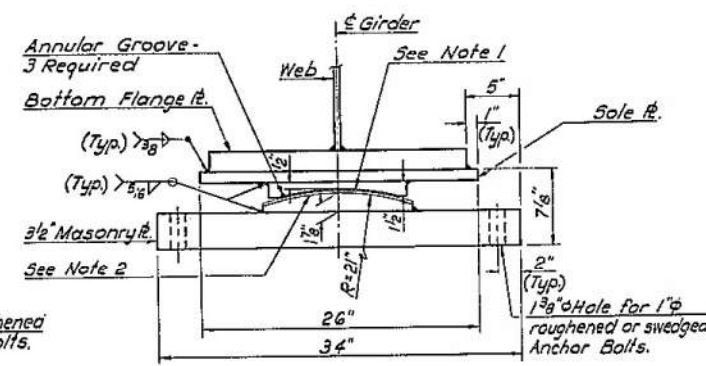
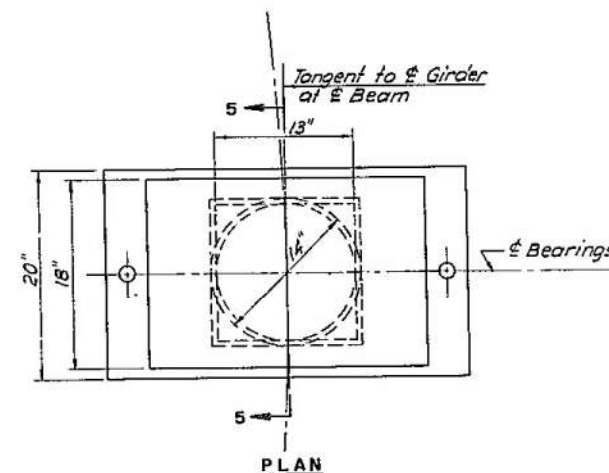


Diagram illustrating the cross-section of a bridge pier and its connection to the abutment structure. The diagram shows the following components and dimensions:

- Top Section:** Labeled "Bearing" at the top center.
- Web:** The central vertical structural member, labeled "Web" with a curved arrow pointing to it.
- Bottom Flange ft.:** The horizontal base of the web, labeled "Bottom Flange ft." on the left.
- See Note 2:** Points to the bottom flange area.
- See Note 1:** Points to the top right corner of the pier structure.
- 1/8" Sole ft. Pier 2:** The sole plate under the pier, labeled "1/8" Sole ft. Pier 2" on the left.
- 3/4" min. Sole ft. Bevel to Grade Pier 4:** The sole plate under the abutment, labeled "3/4" min. Sole ft. Bevel to Grade Pier 4" on the right.
- Dimensions:**
 - Overall width of the pier base: 10"
 - Width of the pier base on each side of the centerline: 9"
 - Width of the pier base on each side of the centerline: 9"
 - Width of the pier base on each side of the centerline: 9"

Regular Hexagon Nut (A 36)

Standard Washer (A 36)

Masonry P. (A 36)

1"ø roughened or swaged Anchor Bolt-12" long. Thread Top 6" (A 36).

This portion of bolt shall be removed after nut has been tightened to the satisfaction of the Engineer.

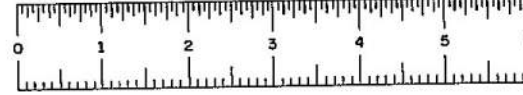
Layers of canvas and red lead or lead plate or canvas duck impregnated with rubber.

Top of Pedestal

Anchor bolts, nuts and washers shall be galvanized in accordance with the requirements of ASTM A153.

6"

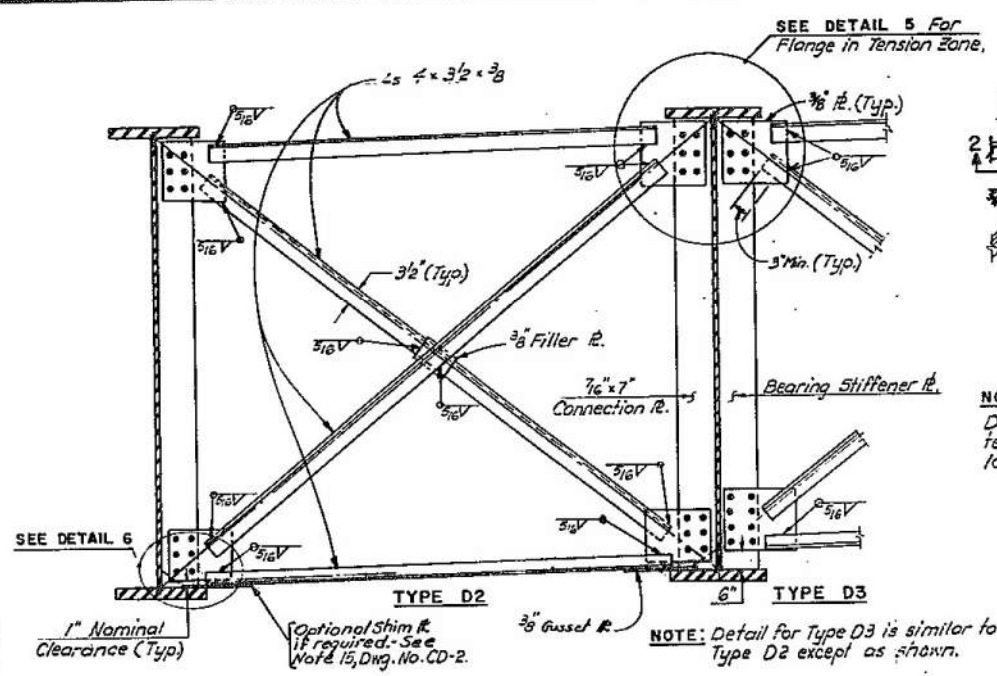
DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
26	As noted	Nov. 1975	



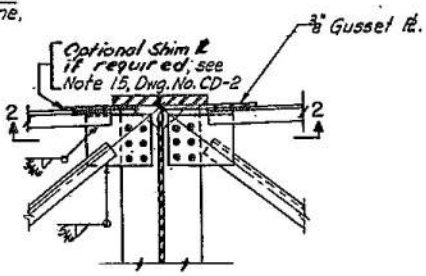
D95042

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-TG-851-2(14) 1-U1-81-2(126)	282	571

INTERSTATE ROUTE CONNECTION 571
FOREST INTERCHANGE - JAMESVILLE
ONONDAGA COUNTY

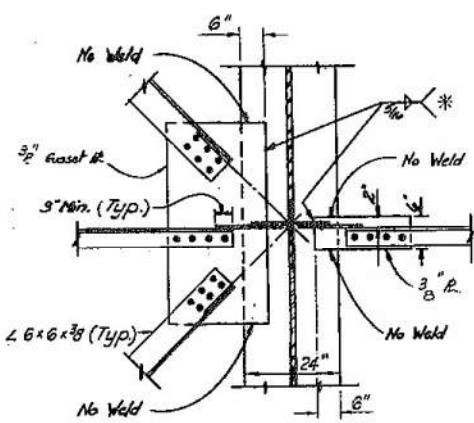


INTERMEDIATE DIAPHRAGM D2 & D3
Not to Scale

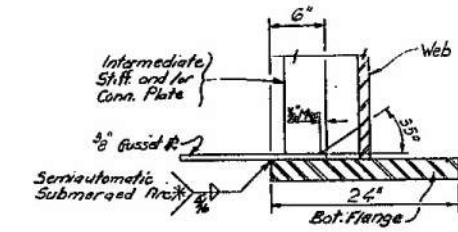


DETAIL 5
Not to Scale

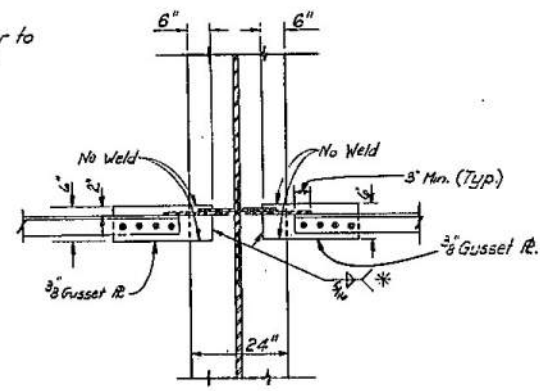
NOTE A:
Detail 5 will only be used where
tension stresses (based on dead
load only) occur in the top flange.



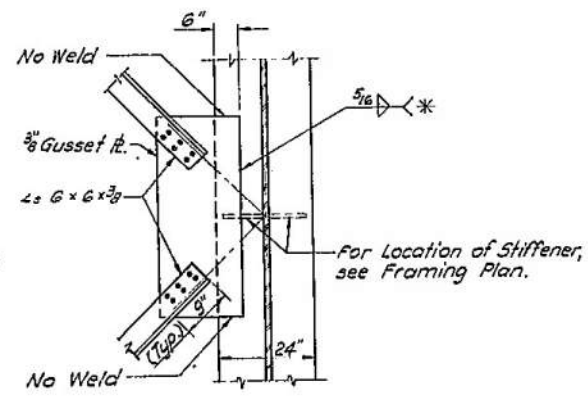
DETAIL 2
Not to Scale



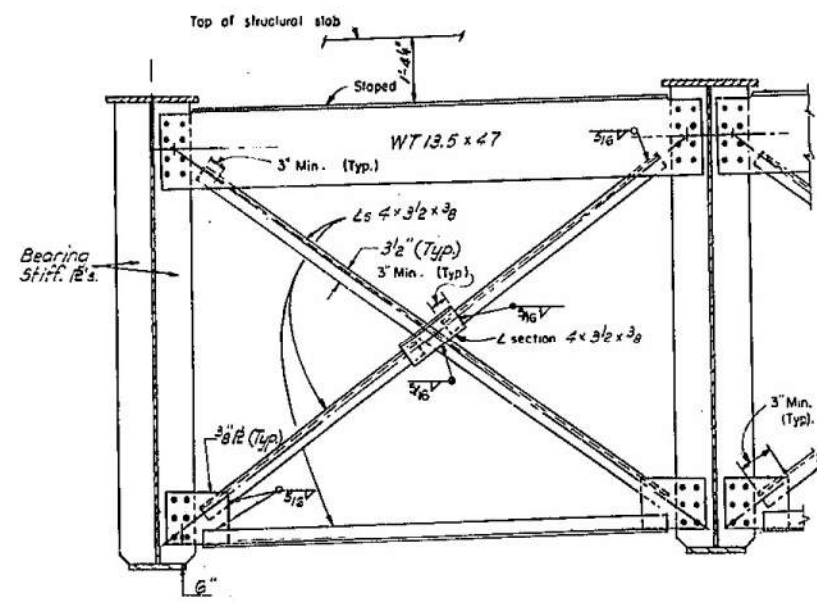
DETAIL 6
Not to Scale



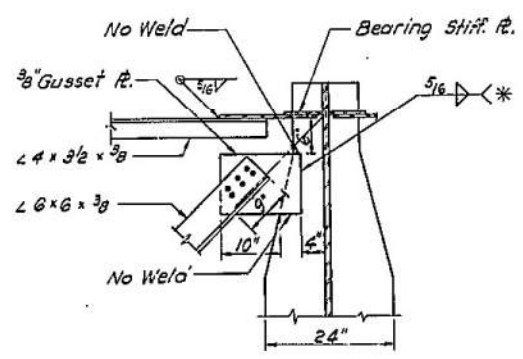
SECTION 2-2
Not to Scale



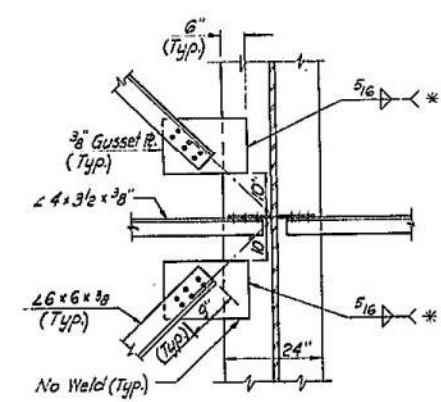
DETAIL 1
Not to Scale



END DIAPHRAGM D1
Not to Scale



DETAIL 3
Abutments and Pier 3
Not to Scale



DETAIL 4
(Piers 1, 2 and 4)
Not to Scale

- REFERENCES:
1. For Additional References, see Dwg. No. 23.
 2. For Location of Diaphragms, see Dwg. Nos. 23 & 25.

BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND I-81
FRAMING DETAILS

* See Note 13,
Dwg. No. CD-2

Prepared and recommended
[Signature]
GOODKIND & O'DEA, INC.

Date: 12/1/75
Consulting Engineers

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
27	As noted	NOV. 1975	

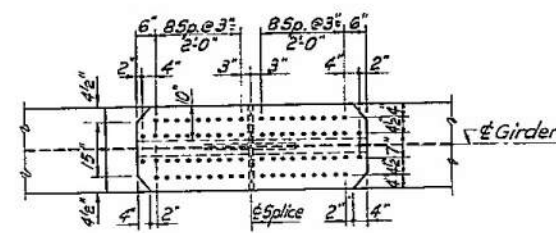
In Charge of Design: *[Signature]*
Designed by: J.H. W. Velazquez
Design Checked by: J.A. Gosses
Reviewed by: L. Volcani
Detail Checked by: J.H. W. Velazquez



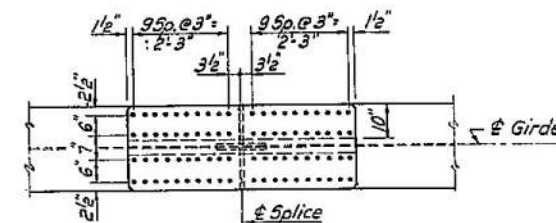
D95042

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-10-481-2(174) 1-11-81-2(128)	283	571

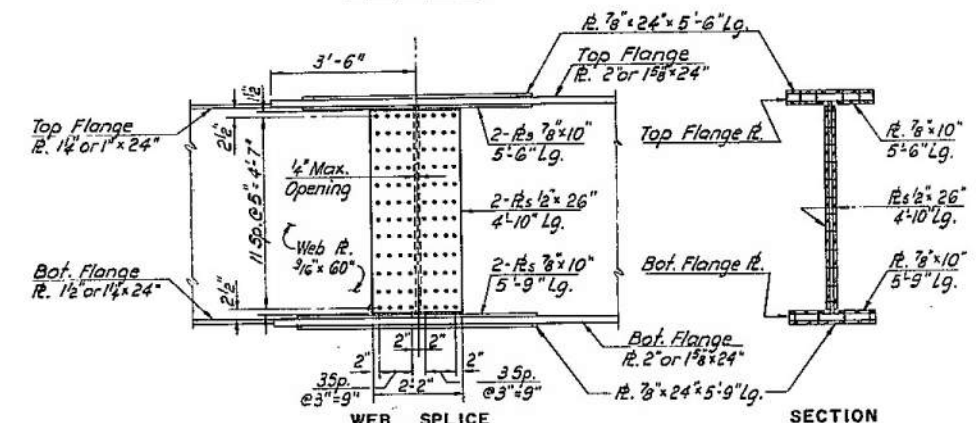
INTERSTATE ROUTE CONNECTION 571
FOREST INTERCHANGE - JAMESVILLE
ONONDAGA COUNTY



TOP FLANGE

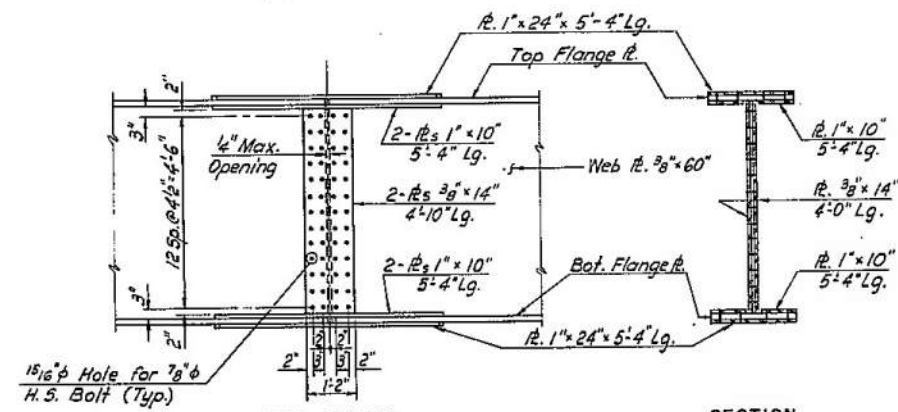


TOP & BOTTOM FLANGE



WEB SPLICE

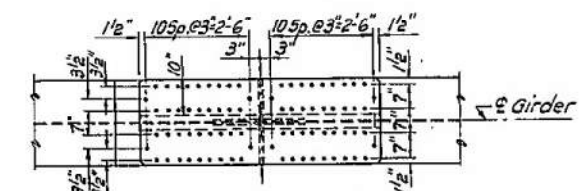
SECTION



WEB SPLICE

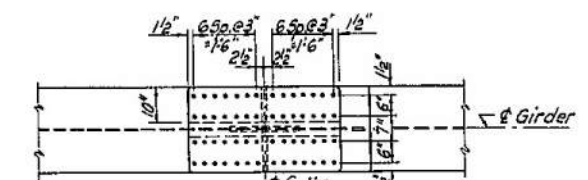
SECTION

SPANS 4 & 5
Scale: 1/2" = 1'-0"

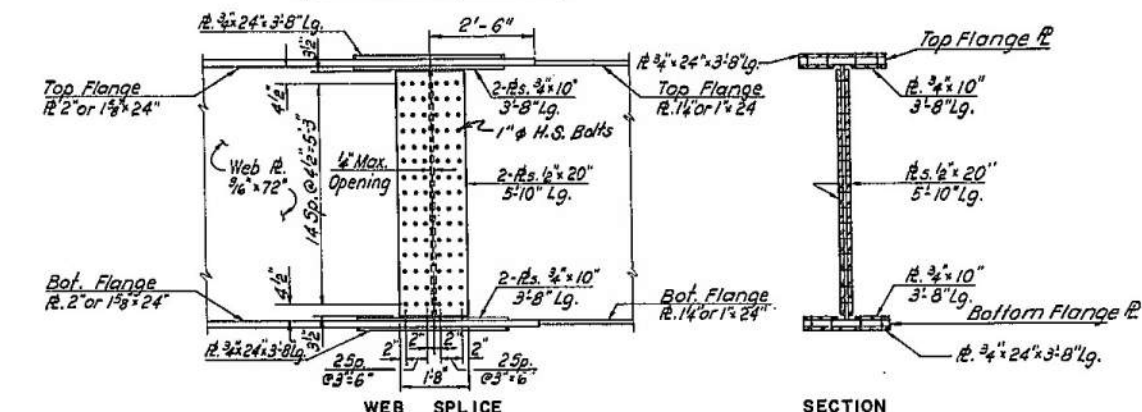


BOTTOM FLANGE

SPANS 1 & 3
Scale: 1/2" = 1'-0"



TOP & BOTTOM FLANGE



WEB SPLICE

SECTION

SPAN 2
Scale: 1/2" = 1'-0"

- REFERENCES:
1. For Additional References, see Dwg. No. 23.
 2. For Location of Splices, see Dwg. Nos. 23 & 25.

BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND 1-81
FIELD SPLICE DETAILS

Prepared and recommended
[Signature]
GOODKIND & O'DEA, INC.

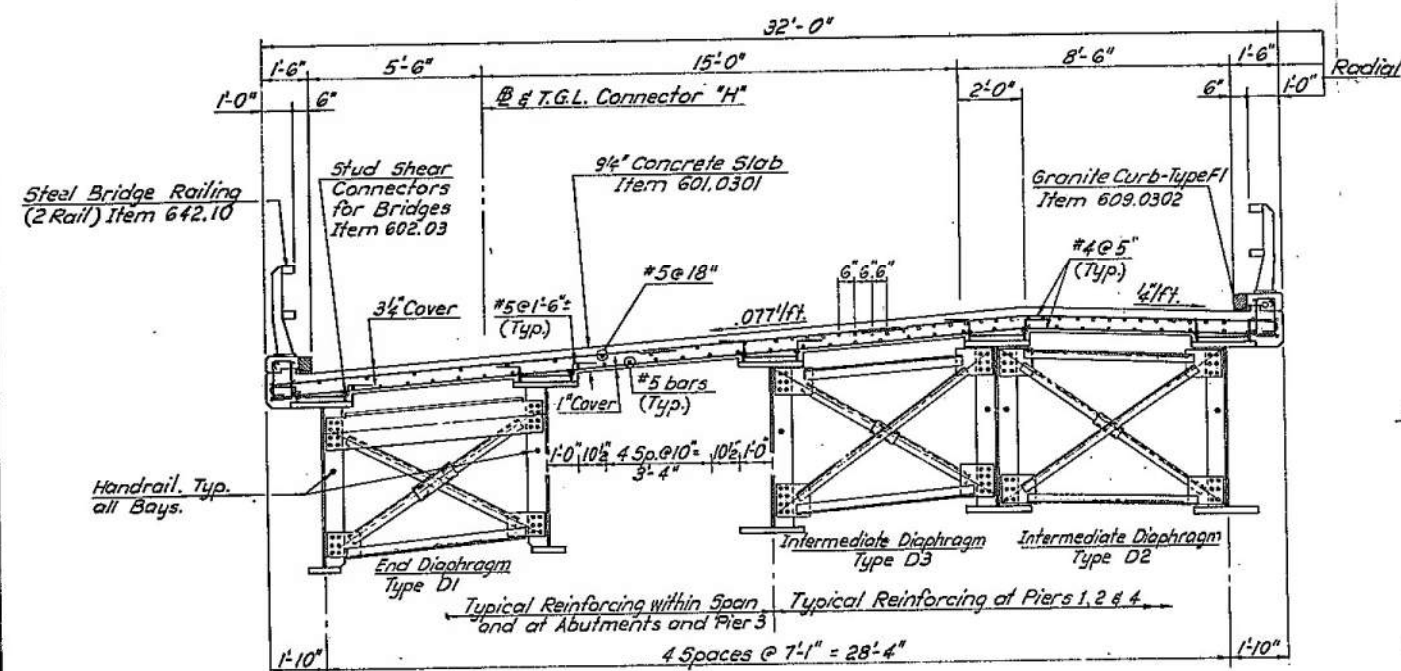
Date: 12/1/75
Consulting Engineers

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
28	AS NOTED	NOV. 1975	

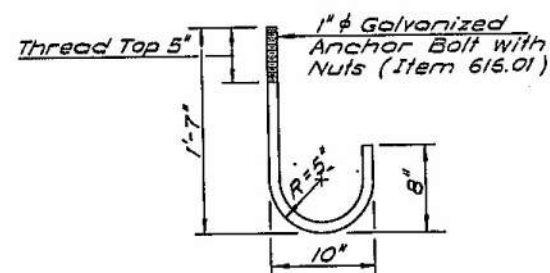
In Charge of Design: *[Signature]*
Designed by: *[Signature]*
Checked by: *[Signature]*
Drawn by: *[Signature]*
Detail Checked by: *[Signature]*

FED. ROAD REG. NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.	1-10-481-2(74) 1-11-81-2(28)	287 R1	571

INTERSTATE ROUTE CONNECTION 571
FOREST INTERCHANGE - JAMESVILLE
ONONDAGA COUNTY



TYPICAL CROSS SECTION
(Looking in Direction of Travel)
Scale: $\frac{3}{8}$ "=1'-0"



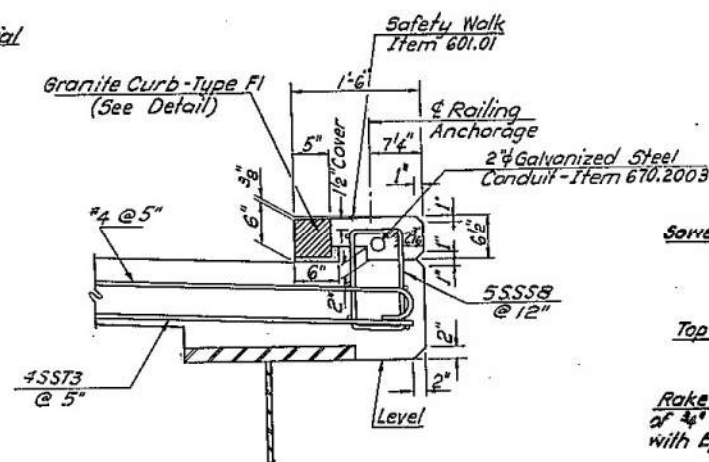
ANCHOR BOLT DETAIL

NOTES:

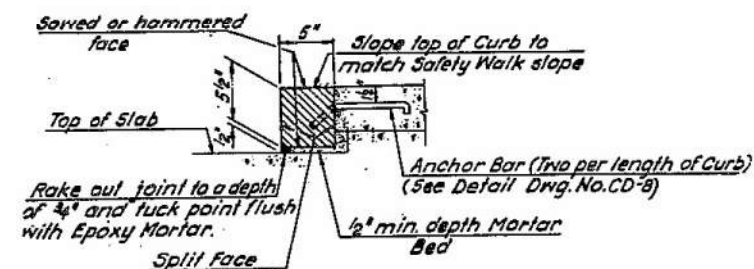
1. The Contractor shall set Anchor Bolts for Light Standards within an 11 1/2 inch Bolt Circle.

2. Nuts and washers to be galvanized. Finishing and installation shall be paid for under Item 610.1003.

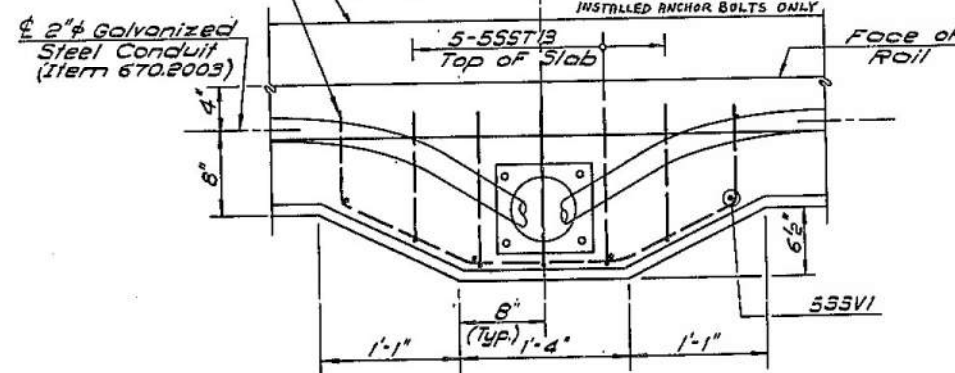
1 1/2 inch Galvanized Drain Pipe at low end of Conduit run. Cost included in Price Bid for Item 670.2003.



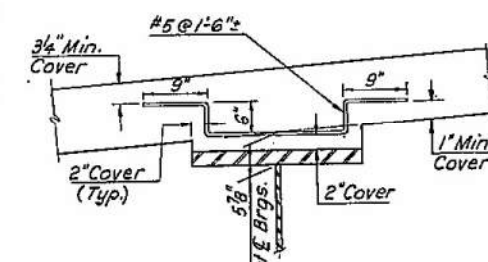
FASCIA DETAIL
Scale: 1"=1'-0"



DETAIL OF GRANITE CURB-TYPE FI
Scale: $1\frac{1}{2}$ "=1'-0"



PLAN



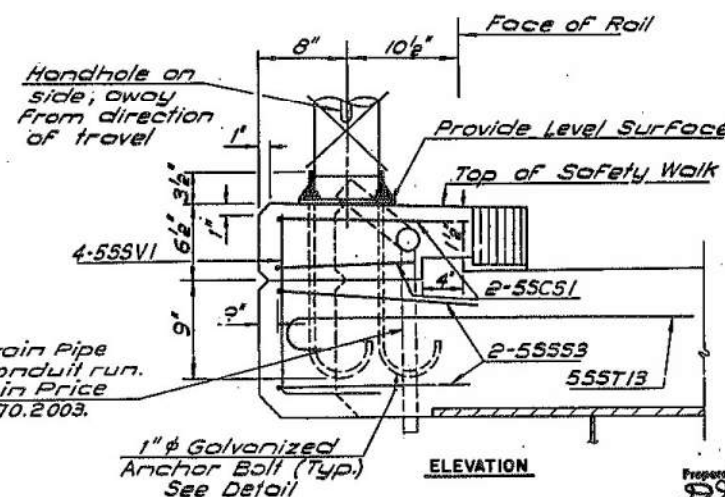
REINFORCED GIRDER HAUNCH DETAIL
Scale: 1"=1'-0"

REFERENCES:

1. For Additional References, see Dwg. No. 23.
2. For Deck Plans, see Dwg. Nos. 33 & 34.
3. For Rail Post spacing, see Dwg. No. 35.

DELETED LIGHT STANDARDS

BRIDGE NO. 1
CONNECTOR "H" OVER
CONNECTOR "G" AND I-81
DECK SLAB DETAILS



ELEVATION

LIGHT STANDARD DETAILS
Scale: $1\frac{1}{2}$ "=1'-0"

Prepared and recommended
GOODKIND & O'DEA, INC.

Date: 12/1/75
Consulting Engineers

DWG. NO.	SCALE	DATE	GOODKIND & O'DEA, INC. CONSULTING ENGINEERS
32	As noted	Nov. 1975	