02.06 - REFERENCE
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
REFI-01	STRUCTURAL INDEX OF DRAWINGS - 1		
REF-01	REFERENCE DRAWING - 1		
REF-02	REFERENCE DRAWING - 2		
REF-03	REFERENCE DRAWING - 3		
REF-04	REFERENCE DRAWING - 4		
REF-05	REFERENCE DRAWING - 5		

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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-	-	-	-
-	-	-	-
-	-	-	-

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 5/26/2016

DESIGNER/DRAFTER: MSF

CHECKED BY: BSH

SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Reference_Drawing_000_Index.dgn

SIGNATURE/
BLOCK:

Hardesty & Hanover
59 ELM STREET, SUITE 406
NEW HAVEN, CT 06510
(203) 772-2857

PROJECT TITLE:
REHABILITATION OF BRIDGE
NO. 1765 I-84 EASTBOUND
OVER AMTRAK AND LOCAL ROADS

TOWN: HARTFORD

DRAWING TITLE:
REFERENCE
INDEX SHEET

PROJECT NO. 63-700

DRAWING NO. REFI-01

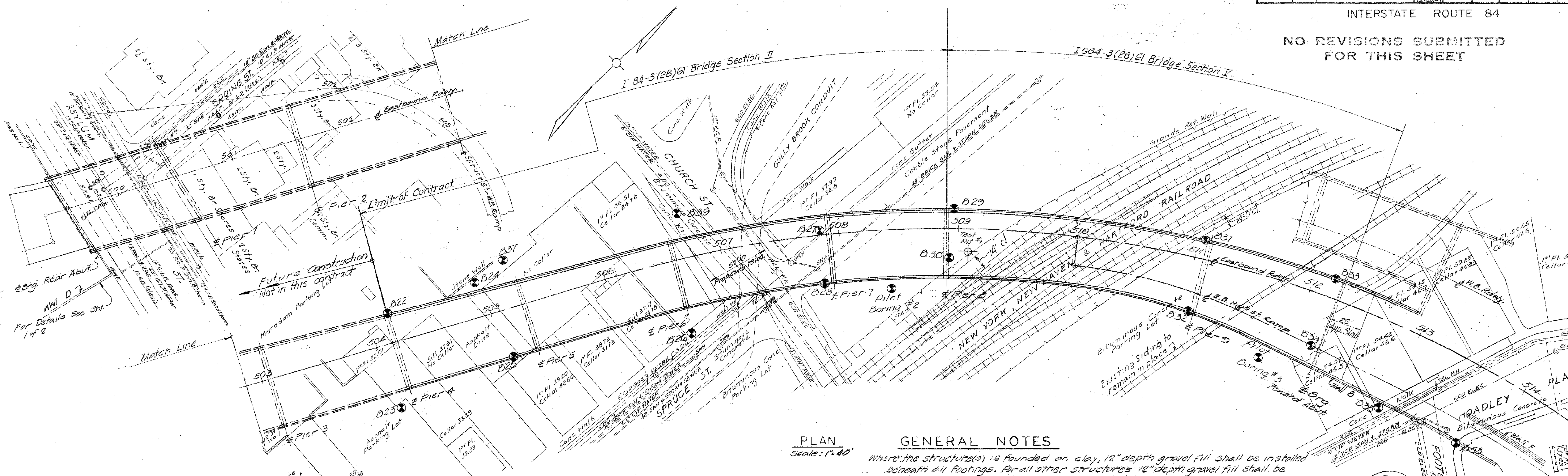
SHEET NO. 02.06.01

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	HARTFORD	I-84 3(28)61	63-137	1961	I84	43	126

FORM NO. ENG. 15 ED. 11-52

INTERSTATE ROUTE 84

NO REVISIONS SUBMITTED FOR THIS SHEET



PLAN
Scale: 1" = 40'

LIST OF DRAWINGS

Dwg. No.	Drawing Title
1	General Plan
2	Plan & Elevation
3	Plan & Elevation
4	Test Borings
5	Test Borings
6	Geometry Plan
7	Geometry Plan
8	Geometry Plan
9	Span 5 Details
10	Span 6 Details
11	Span 7 Details
12	Span 8 Details
13	Span 9 Details
14	Span 10 Details
15	Typical Details
16	Drainage Details
17	Splice & Shoe Details
18	Finger Joint Details
19	Bracing Details
20	Hinge & Hanger Details
21	Pier 4
22	Pier 5
23	Pier 6
24	Pier 7
25	Pier 8
26	Pier 9
27	Forward Abutment
28	Metal Bridge Rail
29	Electrical Details

QUANTITIES

Item	I84 Bridge Sec II	IG84 Bridge Sec V	Total	Unit
Structure Excavation (complete)	724	1157	1881	C.Y.
6" Wrought Iron Pipe	616	154	770	L.F.
8" Wrought Iron Pipe		126	126	L.F.
Test Pile, Steel, 12 BP53 (75' long)		2	2	each
Test Pile, Steel, 12 BP74 (50' long)	2	1	3	each
Pile Loading Test, (140 Tons)		1	1	each
Pile Loading Test, (176 Tons)	1		1	each
Furnishing Steel Piles	227,106	117,808	344,914	lbs
Driving Steel Piles	3,069	7,081	10,150	L.F.
Splicing Steel Piles	6	4	10	each
Point Reinforcement for Steel Piles	4	6	10	each
Class "A" Concrete	1,728	1,675	3403	C.Y.
½" Preformed Expansion Joint Filler for Bridges		268	268	S.F.
1" Preformed Expansion Joint Filler for Bridges	62		62	S.F.
Neoprene Plate for Bridge Expansion Joint	70	75	145	L.F.
Shear Connectors	773		773	L.F.
Welded Stud (Finger Joint)	778	512	1290	each
Deformed Steel Bars	395,000	303,500	698,500	lbs
Structural Steel	1,351,300	728,300	2,079,600	lbs
Structural Steel (Low Alloy)		808,300	808,300	lbs.
Scupper (Type A)	1	4	5	each
Scupper (Type B)	6	1	7	each
Dampproofing		388	388	S.Y.
Metal Bridge Rail	940	738	1678	L.F.
Gravel Fill	56	110	166	C.Y.
Pervious Structure Backfill		2143	2143	C.Y.
6"×9½" Granite Stone Curbing for Bridge	940	738	1678	L.F.
2" Rigid Steel Conduit in Structure	490	370	860	L.F.
18"×18"×10" Cast Iron Junction Box	1	3	4	L.F.

CONCRETE DISTRIBUTION

	I84 Bridge Sec II	IG84 Bridge Sec V	Total	Unit
Superstructure	878	663	1541	C.Y.
Substructure	571	556	1127	C.Y.
Footings	279	456	735	C.Y.
TOTAL	1722	1675	3403	C.Y.

GENERAL NOTES

Where the structure(s) is founded on clay, 12" depth gravel fill shall be installed beneath all footings. For all other structures 12" depth gravel fill shall be installed beneath all footings, if so directed by the Engineer.

All piles are to be driven to refusal.
Specifications: Connecticut State Highway Department Form 808 (Jan. 1955) and Special Provisions.
Design Specifications: Std. Spec. for Hwy. Bridges (A.A.S.H.O.-1957) except as modified by the Bureau of Public Roads "Policy on Interstate System Projects" (Aug. 1956) and as supplemented by the Conn. State Hwy. Dept. Bridge Manual July 1960.
Composite Construction: No temporary intermediate supports shall be used during construction. Superimposed loads shall be placed when directed by the Engineer, but not less than 10 days after the slab has been placed.
Class "A" Concrete: Class "A" Concrete shall be used throughout. See Special Provisions.
Deformed Steel Bars: For grades of deformed steel bars, See Special Provisions.
Exposed Edges: Exposed edges shall be beveled 1"×1" unless noted otherwise.
Painting: For shop and field painting of Structural Steel and Metal Bridge Rail, See Special Provisions.
Joint Seal: Joint Seal shall be included in the item for Class "A" Concrete. See Special Provisions.
Felt. The cost of furnishing and placing 2 layers of #15 roofing felt on top of backwalls, shall be included in the item for Class "A" Concrete.
Paraffin: The cost of furnishing and applying paraffin to the parapet joints shall be included in the item for Class "A" Concrete.
Future Paving Allowance: 25#/sq. ft.
Slab Design: Tentative (A.A.S.H.O.) T-8 (59)
Welding: Welding to conform to current spec. of the A.W.S. and as supplemented by Conn. State Hwy. Dept. Spec. 808.
Inspection of Welds: See Special Provisions.
Live Load: H-20-S16-44 Alternate 24,000# dual axle @ 4'-0" o.c.
Structural Steel: Flanges, webs, and splice material for welded girders shall conform to A.S.T.M., A 373 except as noted under "Structural Steel (Low Alloy)". All other parts shall conform to A.S.T.M., A 373, unless otherwise noted. See Special Provisions.
Structural Steel (Low Alloy): Welded girder webs, flanges, and splice material in Span 9 shall conform to A.S.T.M., A 441. See Special Provisions.
Welding (Low Alloy): For welding of Structural Steel (Low Alloy) See Special Provisions.
All shop butt welds in top and bottom flanges and web shall be radiographed. See Special Provisions.
All flange to web fillet welds shall be inspected in their entirety by the magnetic particle method. See Special Provisions.
Field butt welds in web & top & bottom flange will not be permitted. Any additional shop splices as requested by the contractor and radiographing of such splices shall be at no expense to the state.
Field Splices shall be made with High Strength Bolts. See Special Provisions.
Stiffeners shall be truly vertical. Notes to be
Continued on Bridge Sheet 2 of 29

FED. AID PROJ. I-IG84-3 (28) 61

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

REVISIONS		
NO.	DATE	DESCRIPTION

CONNECTICUT
STATE HIGHWAY DEPARTMENT

TOWN OF HARTFORD
INTERSTATE ROUTE 84
EASTBOUND ROADWAY
OVER
CHURCH ST., SPRUCE ST.
& N.Y., N.H. & H. R.R.
GENERAL PLAN

DESIGNED BY YULE, STICKLEN, JORDAN & McNEE
SCALES 1" = 40'
MADE BY E A B DATE
CHECKED BY J M DATE
APPROVED Robert Bryle DATE 6/27/61
PROJECT NO. 63-137
BRIDGE SHEET NO. 1 OF 29

W. B. & E. PB 168

#1765

FOR INFORMATION ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
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-	-	-	-
-	-	-	-

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Plotted Date: 5/26/2016

DESIGNER/DRAFTER: MSF
CHECKED BY: BSH
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Reference_Drawings_001.dgn

SIGNATURE/BLOCK:
Hardesty & Hanover
59 ELM STREET, SUITE 406
NEW HAVEN, CT 06510
(203) 772-2857

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 01765 I-84 EASTBOUND OVER AMTRAK AND LOCAL ROADS

TOWN: HARTFORD

DRAWING TITLE: REFERENCE DRAWING - 1 FOR INFORMATION ONLY

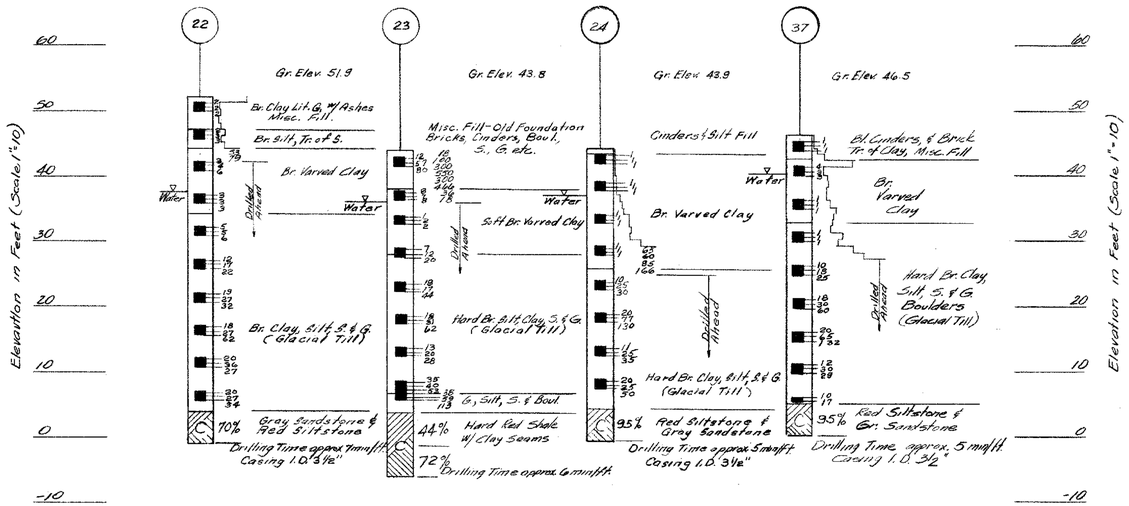
PROJECT NO. 63-700
DRAWING NO. REF-01
SHEET NO. 02.06.02

FORM NO. ENG. 19 ED. 11-92

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	HARTFORD	I-73 & 5 (28) 61	63-137	1961	I-84	52	126

INTERSTATE ROUTE 84

NO REVISIONS SUBMITTED FOR THIS SHEET



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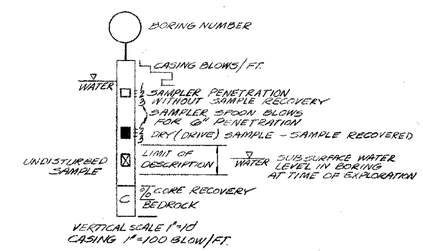

Bl.	Black
Boul.	Boulders
Br.	Brown
C.	Coarse
F.	Fine
G.	Gravel
Gr.	Gray
Lit.	Little
M.	Medium
S.	Sand
Tr.	Trace

Casing I.D. 2 1/2"
Hammer Wt. 300 lbs (Casing)
Hammer Fall 22" (Casing)
Sampler I.D. 1 3/8"
Hammer Wt. 120 lbs (Spoon)
Hammer Fall 30" (Spoon)
Unless otherwise indicated

FED AID PROJ I-IG84-3 (28) 61

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CONNECTICUT
STATE HIGHWAY DEPARTMENT

TOWN OF HARTFORD
INTERSTATE ROUTE 84
EASTBOUND ROADWAY
OVER
CHURCH ST, SPRUCE ST
& NY, NH & H RR
TEST BORINGS

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED BY YULE, STICKLEN, JORDAN & McNEE
SCALES 1" = 10'
MADE BY S K DATE
CHECKED BY J D A DATE
APPROVED Robert A. Yule DATE 4/29/61
PROJECT NO. 63-137
BRIDGE SHEET NO. 4 OF 29

FOR INFORMATION ONLY

63 137

M 266 01

52

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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-	-	-	-

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Plotted Date: 5/26/2016

DESIGNER/DRAFTER: MSF
CHECKED BY: BSH
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Reference_Drawings_002.dgn

SIGNATURE/BLOCK:
Hardesty & Hanover
59 ELM STREET, SUITE 406
NEW HAVEN, CT 06510
(203) 772-2857

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 01765 I-84 EASTBOUND OVER AMTRAK AND LOCAL ROADS

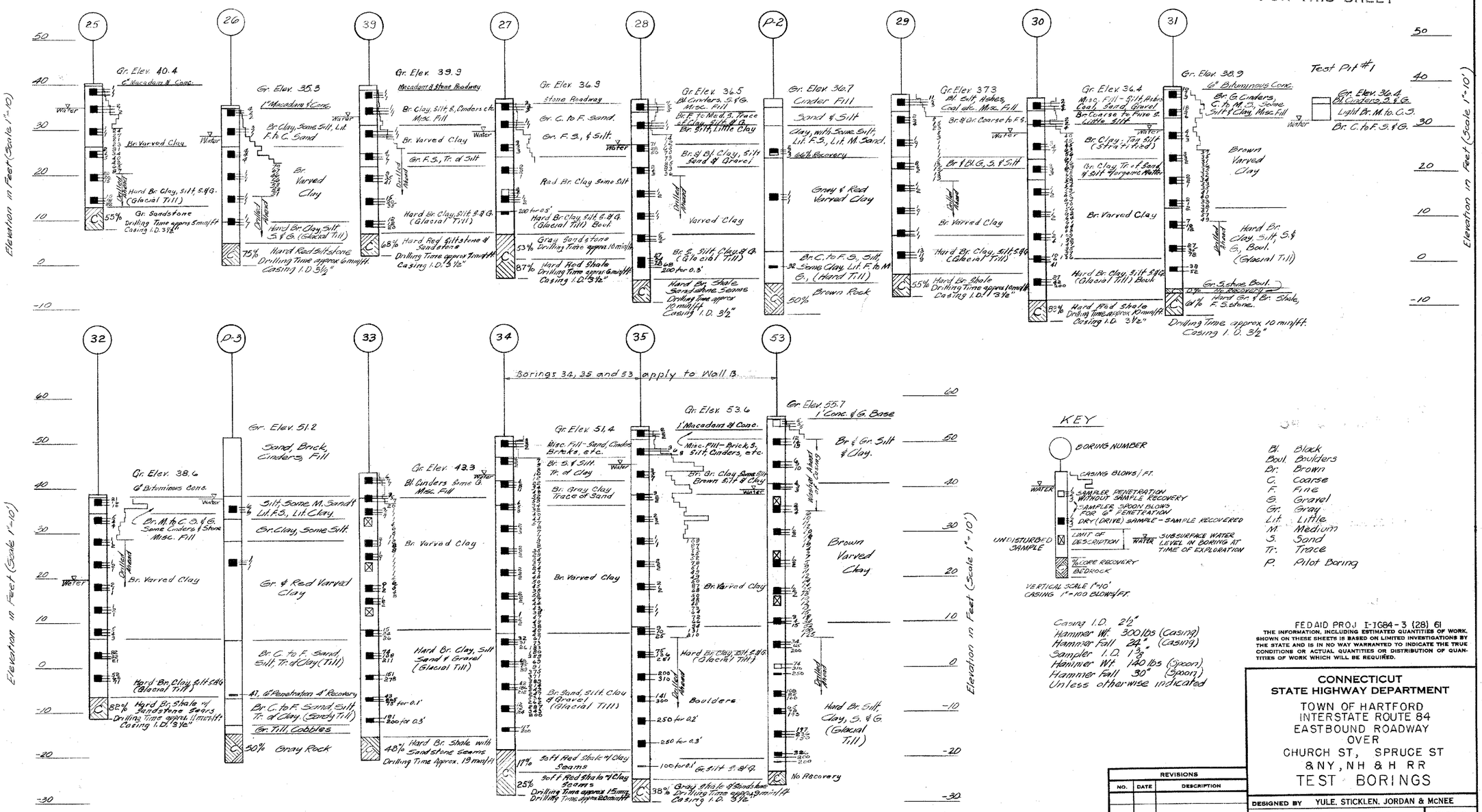
TOWN: HARTFORD
PROJECT NO. 63-700
DRAWING TITLE: REFERENCE DRAWING - 2
DRAWING NO. REF-02
FOR INFORMATION ONLY
SHEET NO. 02.06.03

FORM NO. ENG. 15 F.O. 11-52

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	HARTFORD	I-184 3(28)61	63-161	1961	I-91	53	126

INTERSTATE ROUTE 84

NO REVISIONS SUBMITTED FOR THIS SHEET



KEY

- ⊗ BORING NUMBER
- CASING BLOWS / FT.
- WATER
- ½ SAMPLER PENETRATION WITHOUT SAMPLE RECOVERY
- 3 SAMPLER SPOON BLOWS FOR 6" PENETRATION
- DRY (DRIVE) SAMPLE - SAMPLE RECOVERED
- UNDISTURBED SAMPLE
- LIMIT OF DESCRIPTION
- WATER - SUBSURFACE WATER LEVEL IN BORING AT TIME OF EXPLORATION
- % CORE RECOVERY
- BEDROCK

VERTICAL SCALE 1"=10'
CASING 1"=100 BLOWS/FT.

Bl. Black
Bowl. Boulders
Br. Brown
C. Coarse
F. Fine
G. Gravel
Gr. Gray
Lit. Little
M. Medium
S. Sand
Tr. Trace
P. Pilot Boring

Casing I.D. 2 1/2"
Hammer Wt. 300 lbs (Casing)
Hammer Fall 24" (Casing)
Sampler I.D. 1 3/8"
Hammer Wt. 140 lbs (Spoon)
Hammer Fall 30" (Spoon)
Unless otherwise indicated

FEDAID PROJ. I-184-3 (28) 61

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CONNECTICUT
STATE HIGHWAY DEPARTMENT

TOWN OF HARTFORD
INTERSTATE ROUTE 84
EASTBOUND ROADWAY
OVER
CHURCH ST, SPRUCE ST
& NY, NH & H RR
TEST BORINGS

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED BY YULE, STICKLEN, JORDAN & MCNEE
SCALES 1" = 10'
MADE BY S K DATE
CHECKED BY J D A DATE
APPROVED DATE 6/29/61
PROJECT NO. 63-137
BRIDGE SHEET NO. 5 OF 29

W. R. & E. 78 30

63 137

1266601

53

FOR INFORMATION ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
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-	-	-	-
-	-	-	-
-	-	-	-

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Plotted Date: 5/26/2016

DESIGNER/DRAFTER: MSF
CHECKED BY: BSH
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Reference_Drawings_003.dgn

SIGNATURE/BLOCK:
Hardesty & Hanover
59 ELM STREET, SUITE 406
NEW HAVEN, CT 06510
(203) 772-2857

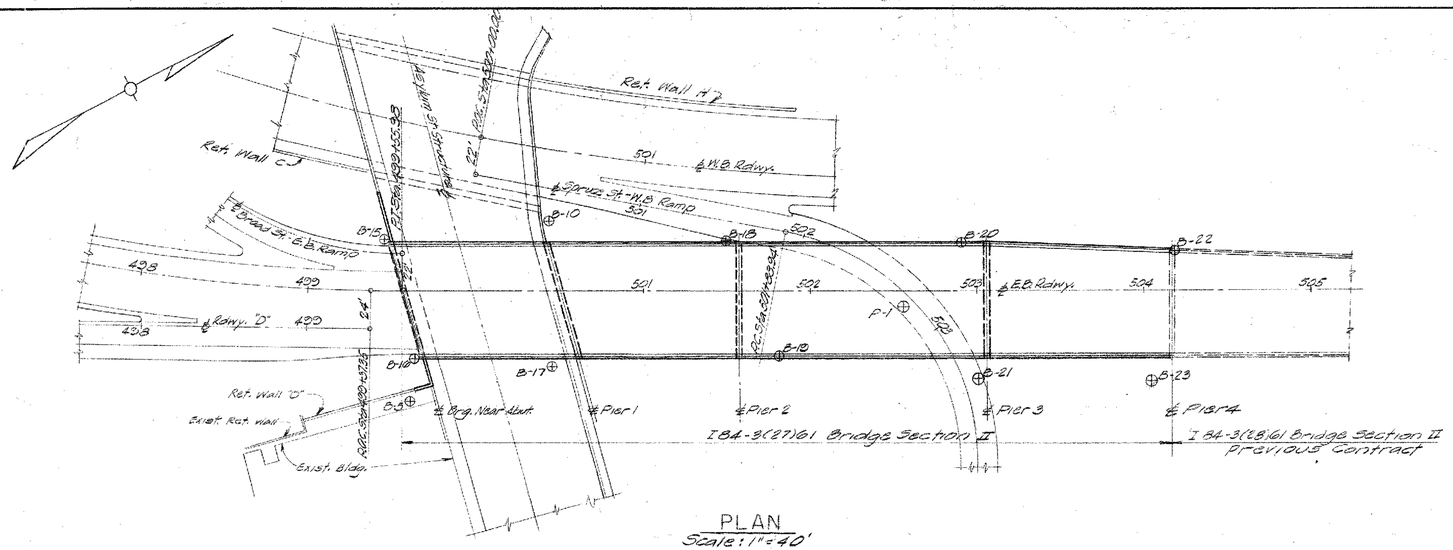
PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 01765 I-84 EASTBOUND OVER AMTRAK AND LOCAL ROADS

TOWN: HARTFORD
PROJECT NO. 63-700
DRAWING TITLE: REFERENCE DRAWING - 3
DRAWING NO. REF-03
FOR INFORMATION ONLY
SHEET NO. 02.06.04

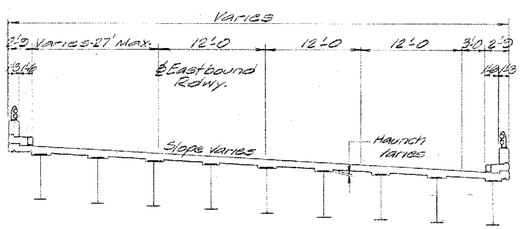
FORM NO. ENG. 19 ED. 11-52

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	HARTFORD	I 84-3(27)61	63-167	1969	I 84	26	113

INTERSTATE ROUTE 84
Revised See Sheet 26A



PLAN
Scale: 1" = 40'



TYPICAL SECTION
Scale: 1/8" = 1'-0

QUANTITIES

Item	Total	Unit
Structure Excavation-Earth (Complete)	1742	C.Y.
Structure Excavation-Rock (Complete)	46	C.Y.
6" Cast Iron Pipe	350	L.F.
6" Perf. A.C.C.M. Pipe	144	L.F.
Class "A" Concrete	1088	C.Y.
Class "C" Concrete	892	C.Y.
½" Preformed Expansion Joint Filler for Bridges	180	S.F.
1" Preformed Expansion Joint Filler for Bridges	70	S.F.
Neoprene Plate for Bridge Expansion Joint	146	L.F.
Shear Connectors	1,767	L.F.
Welded Stud (Finger Joint)	300	Ea.
Deformed Steel Bars	483,335	Lbs.
Structural Steel	1,179,333	Lbs
Metal Bridge Rail - Type A	30	L.F.
Scupper	6	Ea.
Dampproofing	304	S.Y.
Metal Bridge Rail	918	L.F.
Pervious Structure Backfill	1,960	C.Y.
6"x 26" Granite Stone Curbing for Bridges	920	L.F.
2" Rigid Steel Conduit in Structure	680	L.F.
18"x18"x10" Cast Iron Junction Box	5 ⚠	Ea.
Gravel Fill	140	C.Y.
18"X 12"X10" CAST IRON JUNCTION BOX ⚠	1	EA

CONCRETE DISTRIBUTION

Superstructure	892 c.y.
Substructure	616 c.y.
Footings	472 c.y.
Total=	1980 c.y.

Attention is directed to the close proximity of Asylum St. to the proposed Abutment and proposed Pier No. 1, and the resultant need to take all necessary and reasonable precautions to protect Asylum St. during their construction.

Refer To
Construction Order
06F 5-7-64

GENERAL NOTES

Specifications: Connecticut State Highway Department Form 808 (Jan 1955) and Special Provisions.
Design Specifications: Std. Spec. for Hwy. Bridges (A.A.S.H.O.-1957) except as modified by the Bureau of Public Roads "Policy on Interstate System Projects" (Aug. 1956) and as supplemented by the Conn. State Hwy. Dept. Bridge Manual July 1961.
Composite Construction: No temporary intermediate supports shall be used during the placing and setting of the concrete deck slab. Temporary supports may be used for structural steel erection only. Live and superimposed dead loads shall be permitted when directed by the Engineer but not less than 10 days after the slab has been placed.
Class "A" Concrete: Class A Concrete shall be used for entire substructure. See Special provisions.
Class "C" Concrete shall be used for bridge deck, safety walks and parapets. See Special Provisions.
Exposed Edges: Exposed edges shall be beveled 1"x1" unless otherwise noted.
Painting: For shop and field painting of structural steel and Metal Bridge Rail, see Special Provisions.
Joint Seal: See Special Provisions for Class "A" and Class "C" Concrete.
Deformed Steel Bars: For grades of deformed steel bars, see Special Provisions.
Felt: The cost of furnishing and placing 2 layers of 15# roofing felt on top of backwalls, shall be included in the item for Class "A" Concrete.
Paraffin: The cost of furnishing and applying paraffin to the parpet joints shall be included in the item for Class "C" Concrete.
Future Paving allowance: 25#/sq. ft.
Slab Design: Tentative (A.A.S.H.O.) T-8 (50)
Welding: Welding to conform to current spec. of the A.W.S. and as supplemented by Conn. State Hwy. Dept. Spec. 808. For inspection of welds see special Provisions.
Live Load: H-20-S16-44 Alternate 24,000# dual axles @ 4'-0 o.c.
Structural Steel: Flanges, webs and splice material for welded girders shall conform to A.S.T.M. A36-62T. All other parts shall conform to A.S.T.M. A36-62T unless otherwise noted. See Special Provisions.
All shop butt welds in top and bottom flanges and web shall be radiographed. See Special Provisions. All flange to web fillet welds shall be inspected in their entirety by the Magnetic Partical method. See Special Provisions. Field butt welds in web and top and bottom flange will not be permitted. Any additional shop splices as requested by the contractor and radiographing of such splices shall be at no expense to the state. Field splices shall be made with High Strength Bolts. See Special Provisions.
12" Depth gravel fill shall be installed beneath the footings if directed by the Engineer.

Bearing and intermediate stiffeners shall be parallel and vertical after application of full dead load.
Any optional field splices furnished by the Contractor shall be at no additional cost to the state. For location of optional field splices see plans.
Top edge of girder web fits in each line of girders shall be the reference line for detailing and shall be an unbroken line at hangers and hinges.
The portion of the finger joint attached to girders of span 4 at pier 4 has been fabricated in Project No. 63-137 and stored at a location designated by the Engineer. The contractor shall arrange to procure this item at such time as he deems necessary. See Bridge Sheet No. 12 of 21.
The anchor bolts required for the shoes of span 4 at pier 4 shall be furnished and installed by the contractor.
Foundation Design: The Group I loading as specified in Article 1.4.1 of the Standard Specifications for Highway Bridges (AASHO-1957) governs unless otherwise indicated. Where another Group (II thru IX) loading governs, both Group I and the governing load are shown.

LEGEND

⊕B-1 } Denotes location and number of
⊕P-1 } Test Boring.

INSPECTION OF FIELD WELDS		
Method	Unit	Quantity
Radiographic	in.	0
Magnetic Particle	Lf.	0

FED. AID PROJ. I-84-3(27) 61

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LIST OF DRAWINGS

1. General Plan
2. Plan and Elevation
3. Test Borings
4. Geometry Plan
5. Span-1 Details
6. Span-2 Details
7. Span-3 Details
8. Span-4 Details
9. Typical Details
10. Drainage Details
11. Splice and Shoe Details
12. Finger Joint Details
13. Bracing Details
14. Hinge and Hanger Details
15. Abutment Details
16. Pier-1
17. Pier-1 Details and Type A Rail
18. Pier-2
19. Pier-3
20. Metal Bridge Rail
21. Electrical Details

CONNECTICUT
STATE HIGHWAY DEPARTMENT
TOWN OF HARTFORD
INTERSTATE ROUTE 84
EASTBOUND ROADWAY
OVER
ASYLUM ST. AND SPRUCE ST.-W.B. RAMP

GENERAL PLAN

DESIGNED BY YULE, STICKLEN, JORDAN & McNEE
SCALES As Noted
MADE BY C.P. DATE 1-14-66
CHECKED BY J.M. DATE 6/19/66
APPROVED [signature] DATE 6-29-66
PROJECT NO. 63-167
BRIDGE SHEET NO. 1 OF 21

REVISIONS

NO.	DATE	DESCRIPTION
1	4-20-67	Change quantity 18"x18"x10" Cast Iron Junction Box to 5. Add Item to Sheet 21 18"x12"x10" Cast Iron Junction Box.

W.B.&E. PR 163

63 167

M 342 01

Revised See Sheet 26A

26, 26A

FOR INFORMATION ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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-	-	-	-
-	-	-	-

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 5/26/2016

DESIGNER/DRAFTER: MSF
CHECKED BY: BSH
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\Reference_Drawings_004.dgn

SIGNATURE/BLOCK:
Hardesty & Hanover
59 ELM STREET, SUITE 406
NEW HAVEN, CT 06510
(203) 772-2857

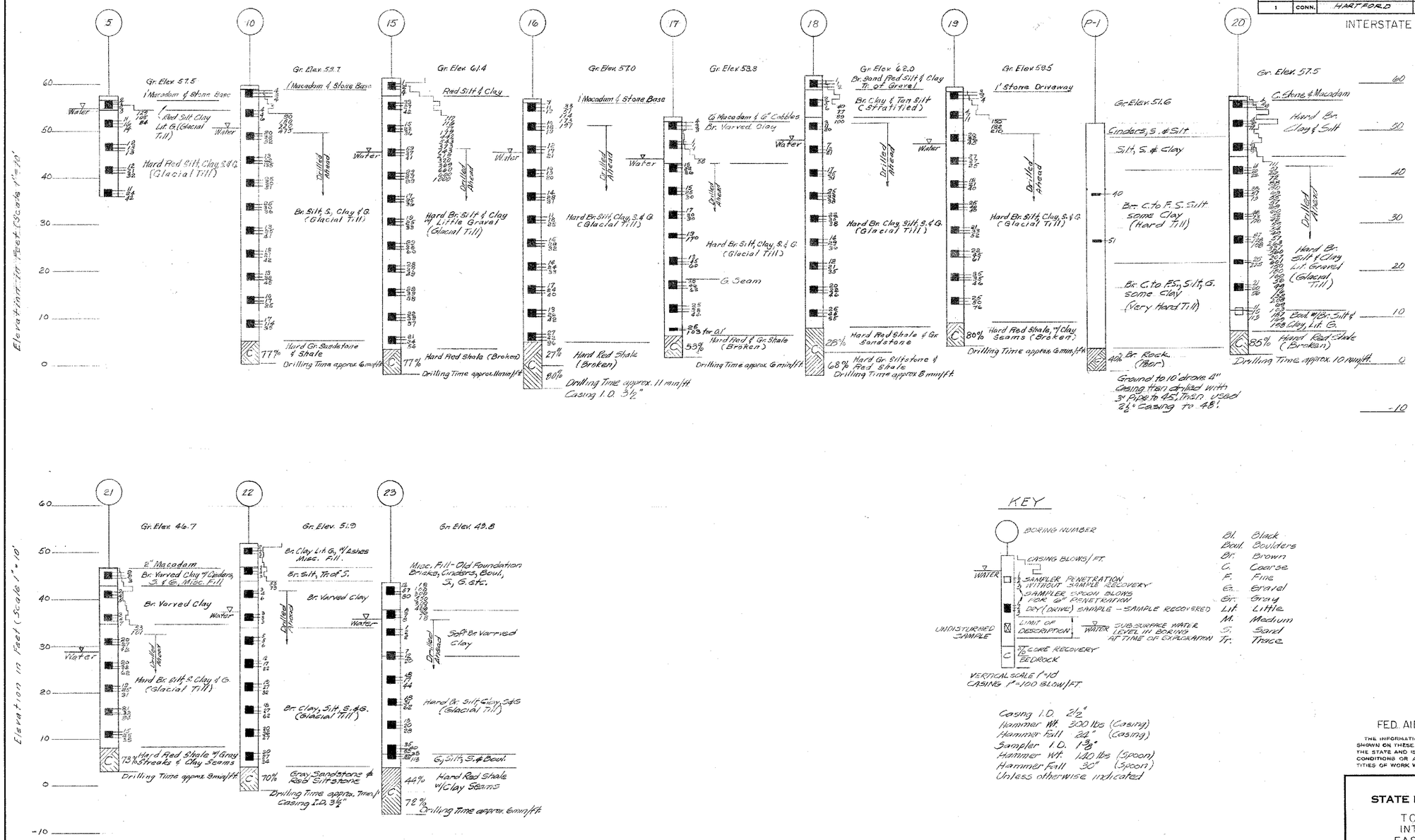
PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 01765 I-84 EASTBOUND OVER AMTRAK AND LOCAL ROADS

TOWN: HARTFORD
PROJECT NO. 63-700
DRAWING TITLE: REFERENCE DRAWING - 4
DRAWING NO. REF-04
FOR INFORMATION ONLY
SHEET NO. 02.06.05

FORM NO. ENG. 18 ED. 11-82

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	HARTFORD	I-84 3(27)61	63-167	1963	I-84	25	118

INTERSTATE ROUTE 84



KEY

Bl.	Black
Boul.	Boulders
Br.	Brown
C.	Coarse
F.	Fine
G.	Gravel
Gr.	Gray
Lit.	Little
M.	Medium
S.	Sand
Tr.	Trace

Casing I.D. 2½"
Hammer Wt. 300 lbs (Casing)
Hammer Fall 24" (Casing)
Sampler I.D. 1⅜"
Hammer Wt. 140 lbs (Spoon)
Hammer Fall 30" (Spoon)
Unless otherwise indicated

FED. AID PROJ I-84 3(27) 61

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE TRUE CONDITIONS OR ACTUAL QUANTITIES OR DISTRIBUTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

CONNECTICUT
STATE HIGHWAY DEPARTMENT

TOWN OF HARTFORD
INTERSTATE ROUTE 84
EASTBOUND ROADWAY
OVER

ASYLUM ST. AND SPRUCE ST.-W.B. RAMP

TEST BORINGS

REVISIONS		
NO.	DATE	DESCRIPTION
		No Changes

DESIGNED BY YULE, STICKLEN, JORDAN & McNEE
SCALES AS NOTED
MADE BY S.K. DATE 8-4-60
CHECKED BY J. DA. DATE 11/14/67
APPROVED Robert B. Yule DATE 11-21-67
PROJECT NO. 63-167
BRIDGE SHEET NO. 3 OF 21

W. B. & E. FD 103

63 167

~~MA~~ 342 01

FOR INFORMATION ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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Plotted Date: 5/26/2016

DESIGNER/DRAFTER: MSF
CHECKED BY: BSH
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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Hardesty & Hanover
59 ELM STREET, SUITE 406
NEW HAVEN, CT 06510
(203) 772-2857

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 01765 I-84 EASTBOUND OVER AMTRAK AND LOCAL ROADS

TOWN: HARTFORD
PROJECT NO. 63-700
DRAWING TITLE: REFERENCE DRAWING - 5
DRAWING NO. REF-05
FOR INFORMATION ONLY
SHEET NO. 02.06.06