06 - EXISTING PLANS (FIO)
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
EP-01	INDEX OF DRAWINGS		
EP-02	TITLE SHEET		
EP-03	INDEX PLAN AND PROFILE		
EP-04 - EP-07	TYPICAL CROSS SECTIONS		
EP-08	TURF ESTABLISHMENT		
EP-09 - EP-10	PLANS AND PROFILES		
EP-11 - EP-20	CROSS SECTIONS		
EP-21 - EP-22	SOUTHERN NEW ENGLAND TELEPHONE CO.		
EP-23 - EP-24	CONN. LIGHT & POWER CO.		
EP-25 - EP-31	THE CONNECTICUT WATER CO.		

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
FOR INFORMATION ONLY
DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT **CONNECTICUT DEPARTMENT OF TRANSPORTATION**

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
INDEX OF DRAWINGS

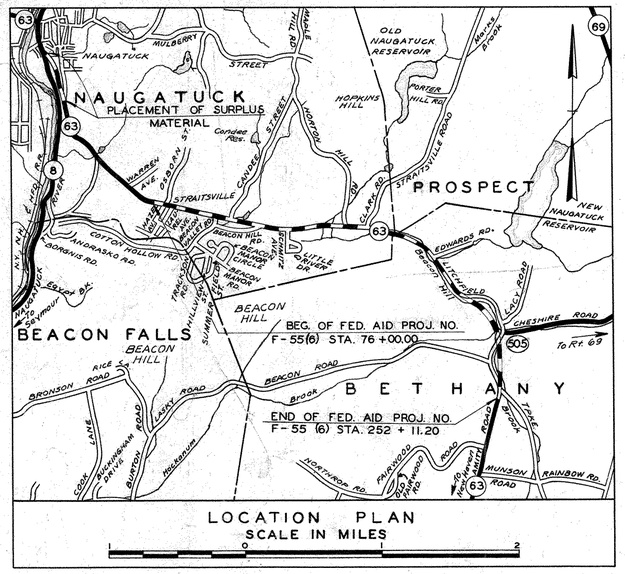
PROJECT NO.:
0087-0148

DRAWING NO.:
EP-01
SHEET NO.:
06.01

LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-01_Index.dgn
PLOTTED DATE: 5/6/2025

FED. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK & BETHANY	F-55(7)	87-76	1963	63	1	210

FORM NO. ENG. 6 ED. 11-56



CONNECTICUT
STATE HIGHWAY DEPARTMENT
PLAN
FOR
CONSTRUCTION
OF

ROUTE 63

IN THE TOWNS OF

NAUGATUCK & BETHANY

FROM STA. 76 +00.00 **TO STA.** 252 +11.20

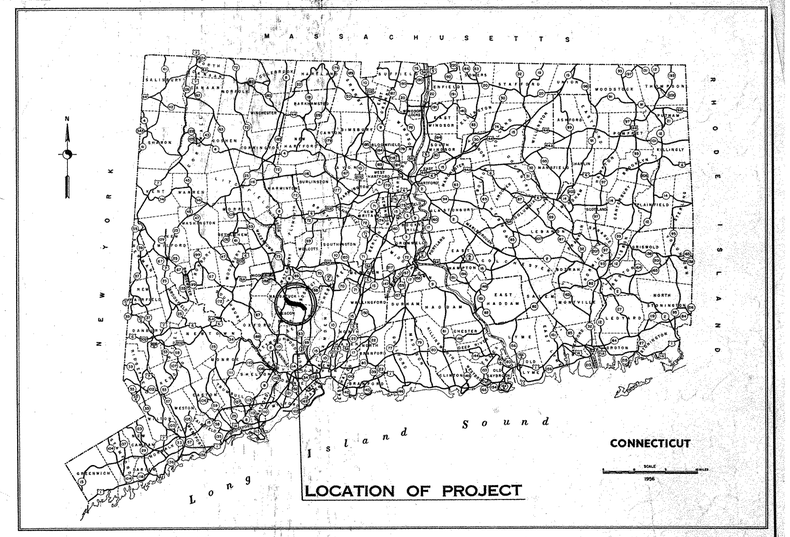
LENGTH 17,615.25 FT.

HIGHWAY DESIGN SCALES
PLAN 1 IN. = 40 FT.
PROFILE HOR. 1 IN. = 40 FT. VERT. 1 IN. = 4 FT.
CROSS SECTIONS 1 IN. = 5 FT. & 1 IN. = 10 FT.

OTHER SCALES AS NOTED

FEDERAL AID PROJECT NO. F-55 (7)

TO BE MAINTAINED BY THE STATE



1963 SPECIFICATIONS, FORM NO. 809 INCLUDING SUPPLEMENT THERETO DATED APRIL, 1963 GOVERN

ALL ELEVATIONS ON THIS PROJECT BASED ON C. G. S. DATUM

TOWN NO. 87
PROJECT NO. 76

1958 GEOMETRIC HIGHWAY DESIGN STANDARDS MODIFIED

LOCATION	CLASSIFICATION	ANTICIPATED 1980 A.D.T.	ANTICIPATED 1980 D.D.H.V.	ASSUMED DESIGN SPEED
Hazel Ave - Beacon Valley Road	Urban St.	11,000-9400	770-660	40
Beacon Valley Road - Clark Road	"D" Urban Residential	7600-5600	530-390	50
Clark Road - End of Project	"D" Rural	5200-5000	360-350	60

SHEET NO.	TITLE	SHEET NO.	STANDARD SHEETS	B.P.R. APPROVAL DATE
1	Title Sheet	217B	Two Cable Guide Railing (Compensating Anchorage) Single Posts	5/7/62
2-5	Index Plans and Profiles	217D	Wire Rope Railing - Three Cable (Wood Posts) A-3-W and B-3-W Anchorages	5/7/62
6-7	Detailed Estimate	217E	Standard Fittings for Wire Rope Railing Three Cable (Wood Post)	5/7/62
8-11	Typical Cross Sections	221F	Standard Endwalls, Wing Type Endwalls, Slope Paved Inlets and Outlets	5/7/62
12-13	Turf Establishment	221G	Type "D-G" and "L" Endwalls, Reinforced Concrete Pipe	5/7/62
14-51	Plans and Profiles	221H	Foundation Underdrain, Underdrain, Outlets and Perforated Pipe	9/28/62
52-65	Bridge Plans	221I	Endwalls For Pipe Arch	5/7/62
66-210	Cross Sections	222B	Concrete Steps, Concrete Sidewalk, Paved Ditch	5/7/62
65A	Federal Aid Construction	222C	Curbing	5/7/62
	Identification Signs (Series 110 B)	223A	Manhole, Frame and Cover	5/7/62
	PUBLIC UTILITY SHEETS	226A	A.C.C.M. P. Elbow	5/7/62
A-1 - A-16	Southern New England Telephone Co.	228A	Type "C" Catch Basin	5/7/62
B-1 - B-2	Borough of Naugatuck	228B	Type "C-G" Catch Basin	5/7/62
C-1 - C-6	Conn. Light & Power Co.	228C	Type "C-L" Catch Basin	5/7/62
D-1 - D-10	The Connecticut Water Co.	228D	Frame and Grate For Type "C", "C-G" and "C-L" Catch Basin	
D-1A, D-2A,		712B	Fences	5/7/62
D-4A, D-5A		712C	Barricades, Service Bridges, Slope Paving, Concrete Ramps	—
D-7A & D-10A	Added for Construction Order 4-29-65	250F	Bar Mat Reinforcement	8/3/62
42A	Added for Construction Order 5-3-65	249E	Fabric Reinforcement	8/3/62
32A	Added for Construction Order 6-11-65			
51A	Added for Const. Order 6-16-65			
28A, 29A, 47A, 47AA, 47BA	Added for Construction Order 9-14-65			

Note - Total Sheets Including 65A is 211

Note: New 24" Water Main Installed From Sta. 83+0 Lt To 186+0 Lt. Plotted On These Sheets. Original On Utility Plans.

Note: Wherever Federal Aid Project No. F-55(6) appears on the plans, it shall be construed to mean Federal Aid Project No. F-55(7).

Construction Started Date MAY 10, 1965
Construction Completed Date AUG. 3, 1966

Revised By WILCOX-HAAS Date JULY 1968
Checked By G.RANGER Date JULY 1968
Property Checked Date

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED:
DIVISION ENGINEER DATE

SUBMITTED November 18th 1964
Wesley J. Brandt
ENGINEER OF ASSOCIATE
APPROVAL RECOMMENDED November 18 1964
CHIEF OF DESIGN
APPROVED November 18 1964
ASST. DIRECTOR OF PLANNING & DESIGN

STANDARD CONVENTIONS

Hedge, Guide Rail, Curb (Stone, Wood or Conc.), Stone Wall, Concrete Walk, Walk (Tar, Gravel or Earth), Conn. Co., Present Tracks, Proposed Tracks, Taking Line, Property Line, Town Line, Grape Arbor, Wire Fence
Picket Fence, Board Fence, Retaining Wall, Open Ditch Flowing Stream, Open Ditch Dry, Telegraph, Telephone or Electric Light Poles, Trolley Poles, Ledge or Rock, Tree, Hydrant, Pole, M.H., Rivers, Lakes etc., North Point
Present Culvert, Proposed Culvert, House, Barn, Buildings, Swamp, Gas, Random Pump, Stone, Highway Mon. "C.H.D. Marker", Present C.B., Proposed C.B., Present Travel Path

"ARKWRIGHT" TRACING CLOTH. JOSEPH MERRITT & CO. 60448

87

M359 01

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK: **FOR INFORMATION ONLY**
DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK**

TOWN(S): **NAUGATUCK**

DRAWING TITLE: **TITLE SHEET**

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-02**

SHEET NO.: **06.02**

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PLOTTED DATE: 5/6/2025

FORM NO. ENG. 10 ED 12-57

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F 55(6)	87-76	1969	63	3	210

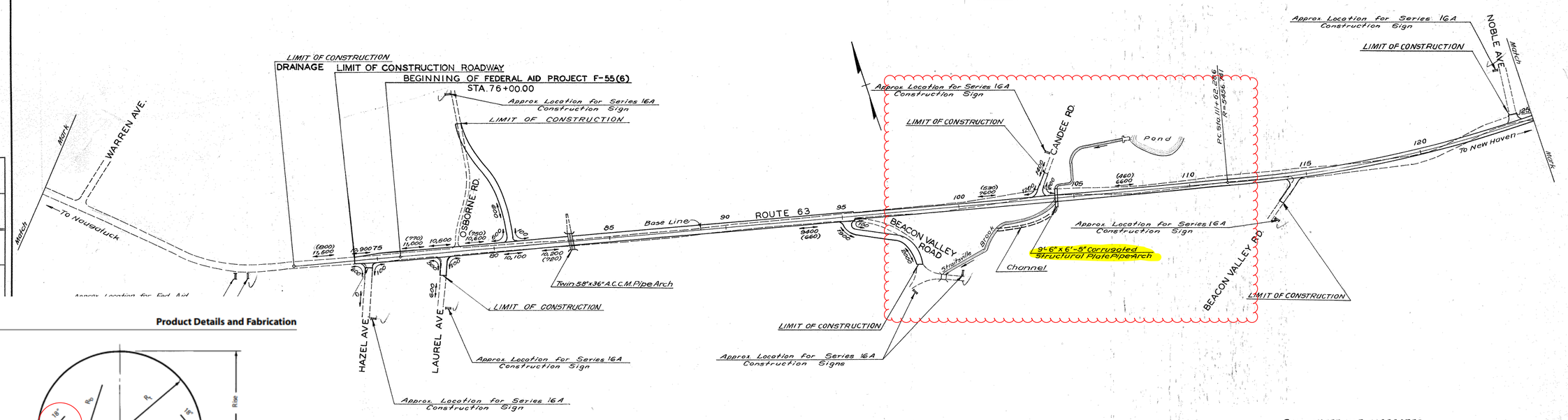
ROUTE 63

~~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.~~

INDEX PLAN
SCALE 1" = 200'

SCALE IN FEET
400 200 0 400

BY	DATE	CHECKED BY	DATE
L.Loukos	May 1962	TCurtis	May 1962
L.Hubbard	Apr 1962	T.Shurtz	May 1962
L.Loukos	May 1962		



Product Details and Fabrication

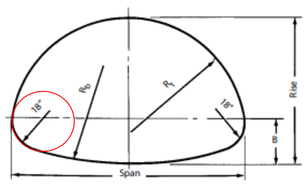


Table 2.28

Structural plate pipe arch size and layout details
6 x 2 in. corrugation — bolted seams 18 in. corner radius, R_c

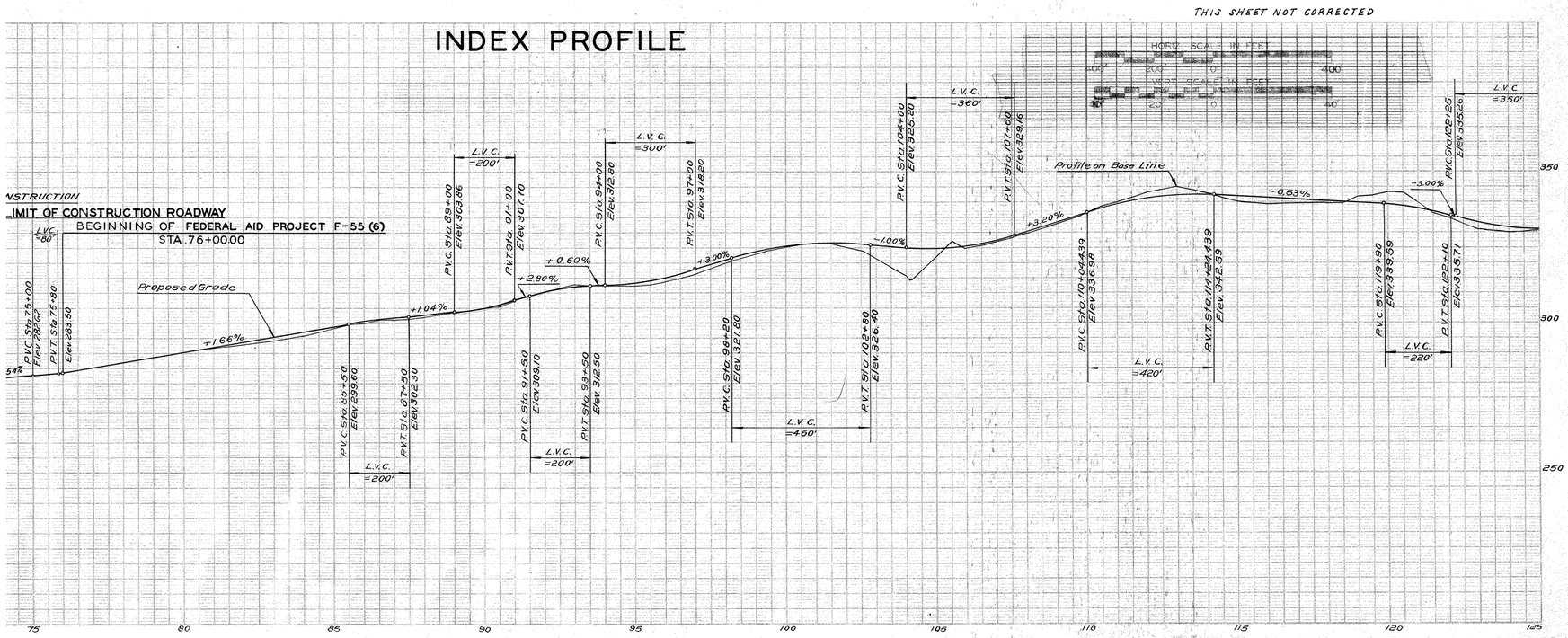
Dimensions		Waterway Area (ft^2)	Layout Dimensions			Periphery	
Span (ft-in.)	Rise (ft-in.)		B (in.)	R_t (ft)	R_b (ft)	No. of Plates	Total N
6-1	4-7	22	21.0	3.07	6.36	5	22
6-4	4-9	24	20.5	3.18	8.22	5	23
6-9	4-11	26	22.0	3.42	6.96	5	24
7-0	5-1	28	21.4	3.53	8.68	5	25
7-3	5-3	31	20.8	3.63	11.35	6	26
7-8	5-5	33	22.4	3.88	9.15	6	27
7-11	5-7	35	21.7	3.98	11.49	6	28
8-2	5-9	38	20.9	4.08	15.24	6	29
8-7	5-11	40	22.7	4.33	11.75	7	30
8-10	6-1	43	21.8	4.42	14.89	7	31
9-4	6-3	46	23.8	4.68	12.05	7	32
9-6	6-5	49	22.9	4.78	14.79	7	33
9-9	6-7	52	21.9	4.86	18.98	7	34
10-3	6-9	55	23.9	5.13	14.86	7	35
10-8	6-11	58	26.1	5.41	12.77	7	36
10-11	7-1	61	25.1	5.49	15.03	7	37
11-5	7-3	64	27.4	5.78	13.16	7	38
11-7	7-5	67	26.3	5.85	15.27	8	39
11-10	7-7	71	25.2	5.93	18.03	8	40
12-4	7-9	74	27.5	6.23	15.54	8	41
12-6	7-11	78	26.4	6.29	18.07	8	42
12-8	8-1	81	25.2	6.37	21.45	8	43
12-10	8-4	85	24.0	6.44	26.23	8	44
For sizes below, consider using pipe arch with 31 in. corner radius if cover limits permit. (See Table 2.29)							
13-5	8-5	89	26.3	6.73	21.23	9	45
13-11	8-7	93	28.9	7.03	18.39	9	46
14-1	8-9	97	27.6	7.09	21.18	9	47
14-3	8-11	101	26.3	7.16	24.80	9	48
14-10	9-1	105	28.9	7.47	21.19	9	49
15-4	9-3	109	31.6	7.78	18.90	9	50
15-6	9-5	113	30.2	7.83	21.31	10	51
15-8	9-7	118	28.8	7.89	24.29	10	52
15-10	9-10	122	27.4	7.96	28.18	10	53
16-5	9-11	126	30.1	8.27	24.24	10	54
16-7	10-1	131	28.7	8.33	27.73	10	55

Notes: Dimensions are to inside crests and are subject to manufacturing tolerances. N = 3 Pi = 9.6 in.

Pipe arches larger than 12'-10" x 8'-4" should be specified with a 31" corner radius unless the application is an extension of an existing pipe arch with an 18" corner radius or the relining of an existing culvert. For other applications involving larger size pipe arches with 18" corner radii, consult with the structural plate manufacturer.

THIS SHEET NOT CORRECTED

INDEX PROFILE



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3

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

DESIGNER/DRAFTER: JJS CHECKED BY: NJM

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
INDEX PLAN AND PROFILE

PROJECT NO.: 0087-0148

DRAWING NO.: EP-03

SHEET NO.: 06.03

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PLOTTED DATE: 5/6/2025

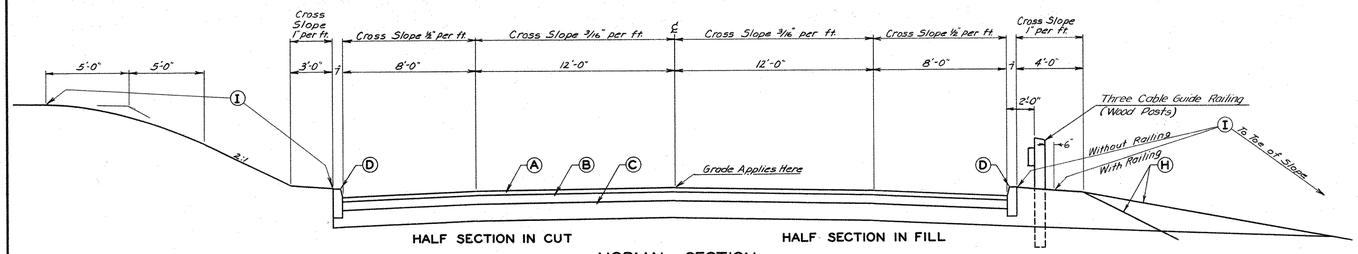
FORM NO. ENG. 11 ED 9-59

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK & BETHANY	F.S.S.(6)	87-76	1964	63	8	210

ROUTE 63

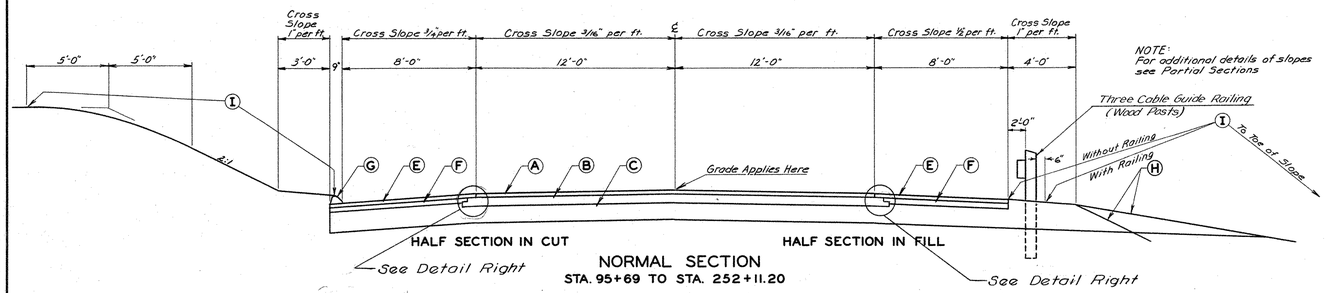
TYPICAL CROSS SECTIONS

NOT TO SCALE



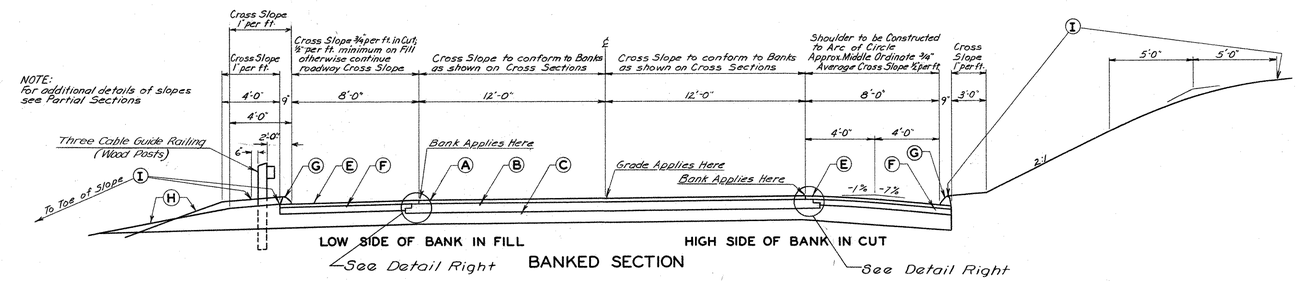
HALF SECTION IN CUT HALF SECTION IN FILL

NORMAL SECTION
STA. 76+00 TO STA. 95+69



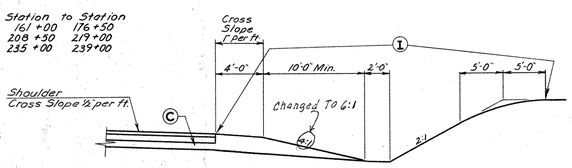
HALF SECTION IN CUT HALF SECTION IN FILL

NORMAL SECTION
STA. 95+69 TO STA. 252+11.20

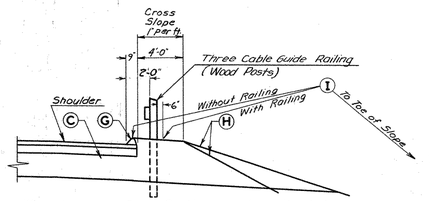


LOW SIDE OF BANK IN FILL HIGH SIDE OF BANK IN CUT

BANKED SECTION

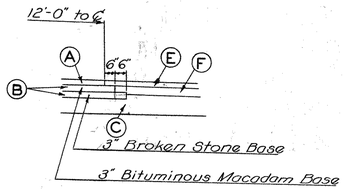


PARTIAL SECTION IN EARTH CUT

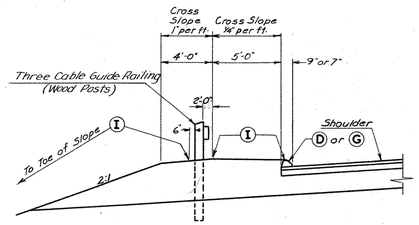


Where shown on Cross Sections or where directed

BERM IN FILL

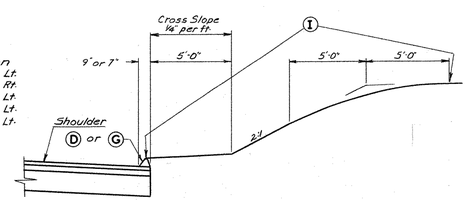


DETAIL OF BASE OVERLAP AT EDGE OF PAVEMENT



Station	to	Station	
83+30		83+60	Lt.
82+65		83+90	Rt.
104+00		105+80	Lt.
138+90		139+50	Lt. & Rt.
157+70		160+00	Lt.
157+50		159+80	Rt.

PARTIAL SECTION OF GRADING FOR SIDEWALK IN FILL



Station	to	Station	
97+70		102+00	Lt.
108+70		114+00	Rt.
111+30		114+30	Lt.
116+50		122+00	Lt.
132+40		133+40	Lt.

PARTIAL SECTION OF GRADING FOR SIDEWALK IN CUT

LEGEND

- (A) Two Course Bituminous Concrete consisting of 1¼" Bituminous Concrete (Surface Course Grading I) on 1¼" Bituminous Concrete Binder Course
- (B) 3" Bituminous Macadam Base on 3" Broken Stone Base
- (C) Subbase - 10" in Earth Cuts and on Fills, 18" in Rock Cuts
- (D) Concrete Curbing
- (E) 2½" Bituminous Macadam Pavement
- (F) 4" Rolled Gravel Base
- (G) Bituminous Concrete Lip Curbing
- (H) Fill Slope 6:1 on fills 8' or less; Fill Slope 2:1 on fills over 8'
- (I) Limits of Turf Establishment as shown on the Plans or as directed by the Engineer
- (J) Climbing Lane - Two Course Bituminous Concrete Consisting Of 1¼" Bituminous Concrete (Surface Course Grading I) Course Mix On 1¼" Bituminous Concrete Binder Course.

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87 76

M359 01

8

PLAN	BY	DATE	CHECKED BY	DATE
Surveyed				
Plotted				
Traced				
Designed				
NOTE BOOK	New Const. Noted	C. Rizzuto	Mgr. Gas	J. Sharp
NO.	Top. Field Chk. noted			

REV.	DATE	REVISION DESCRIPTION

DIETZGEN 131 Arkwright Tracing Cloth 6762

SIGNATURE BLOCK:						
FOR INFORMATION ONLY	NOT TO SCALE	CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION	PROJECT TITLE: REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK	TOWN(S): NAUGATUCK	DRAWING TITLE: TYPICAL CROSS SECTIONS	PROJECT NO.: 0087-0148 / DRAWING NO.: EP-04 / SHEET NO.: 06.04
DESIGNER/DRAFTER: JJS CHECKED BY: NJM						

LASTED SAVED BY: SoltysJ FILE NAME: C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

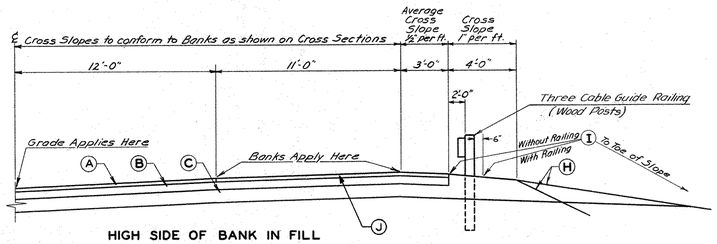
FORM NO. ENG. 11 ED 9-59

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK & BETHANY	F-5-5(6)	87-76	1964	63	9	210

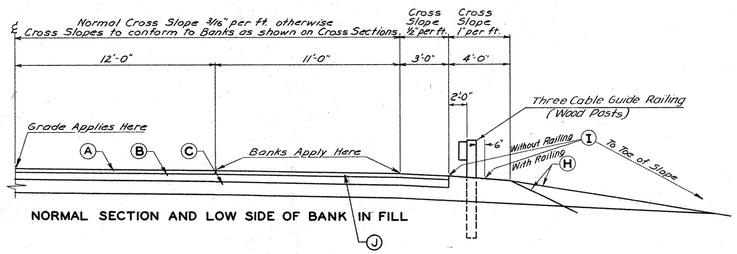
ROUTE 63

TYPICAL CROSS SECTIONS

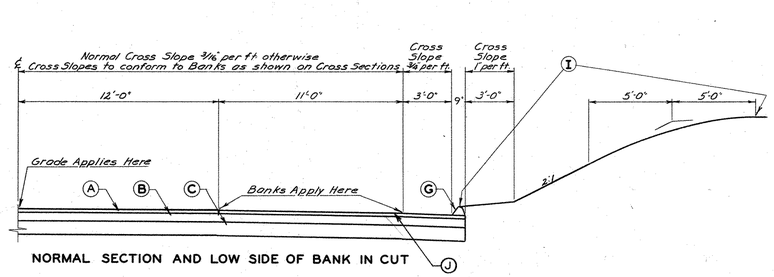
NOT TO SCALE



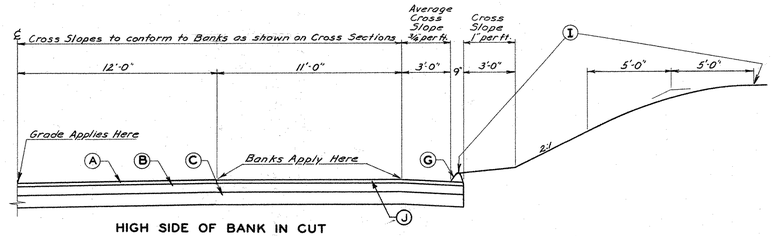
HIGH SIDE OF BANK IN FILL



NORMAL SECTION AND LOW SIDE OF BANK IN FILL



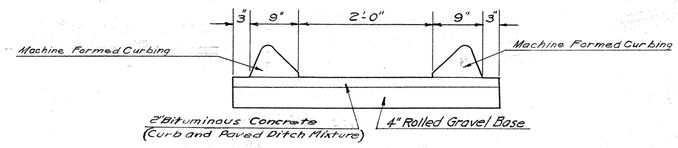
NORMAL SECTION AND LOW SIDE OF BANK IN CUT



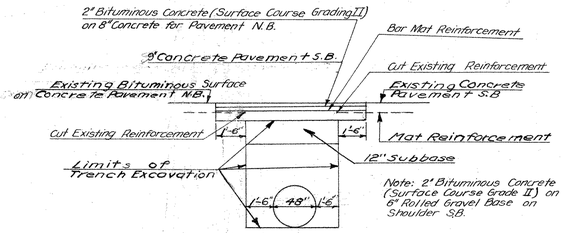
HIGH SIDE OF BANK IN CUT

CLIMBING LANE STA. 184+00 RT. TO STA. 254+32 RT.

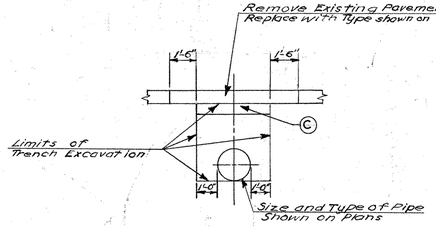
For additional details of slopes see Partial Sections



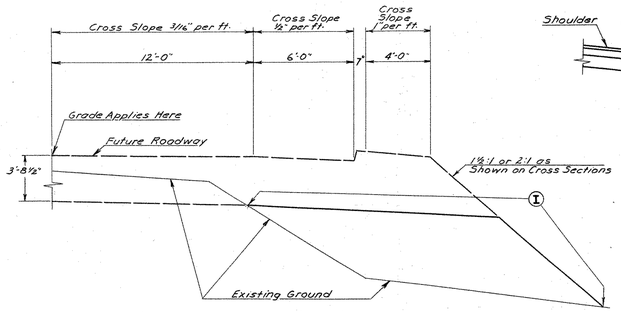
ALERNATE PAVED DITCH CONSTRUCTION



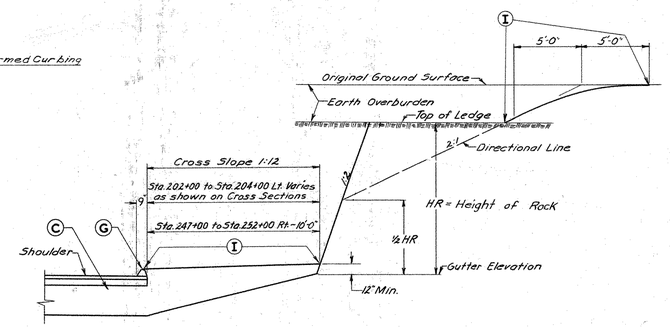
PAVEMENT REPLACEMENT AND LIMITS OF TRENCH AT DRAINAGE INSTALLATION STA. 17+00 FAR RT.



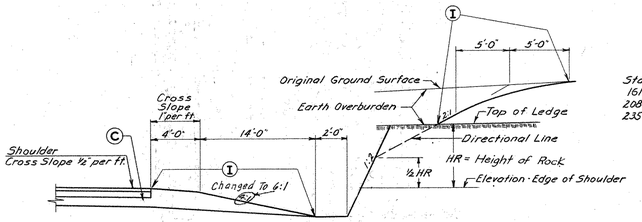
DRAINAGE INSTALLATION UNDER EXISTING PAVEMENT



DETAIL SHOWING PLACEMENT OF SURPLUS MATERIAL STA. 2+50 TO STA. 21+50

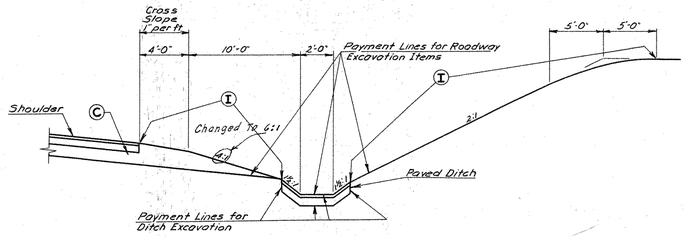


PARTIAL SECTION IN ROCK CUT



Station to Station	
161+00	176+50
208+50	219+00
235+00	239+00

PARTIAL SECTION IN ROCK CUT



PARTIAL SECTION- PAVED DITCH IN EARTH CUT

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M 859 01

9

PLAN
NOTE BOOK
NO.

Surveyed
Plotted
Traced
Designed
New Const. Noted
Top. Field Chk. noted

REVISION DESCRIPTION	BY	DATE	CHECKED BY	DATE

DIETZGEN ® 131 Arkwright Tracing Cloth 6702

87 76

SIGNATURE BLOCK:
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DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
TYPICAL CROSS SECTIONS

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-05**

SHEET NO.: **06.05**

LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

FORM NO. ENG. 11 ED 9-59

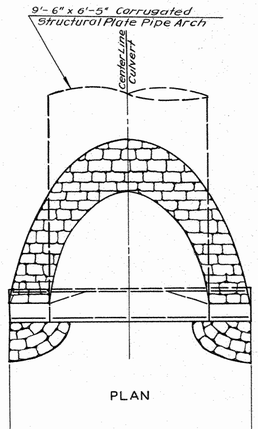
PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK-BETHANY	F 55(4)	87-76	1964	63	10	210

ROUTE 63

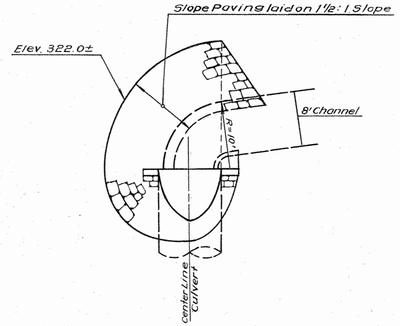
SLOPE PAVED INLET AND OUTLET DETAILS & TRANSITION CURBING

NOT TO SCALE

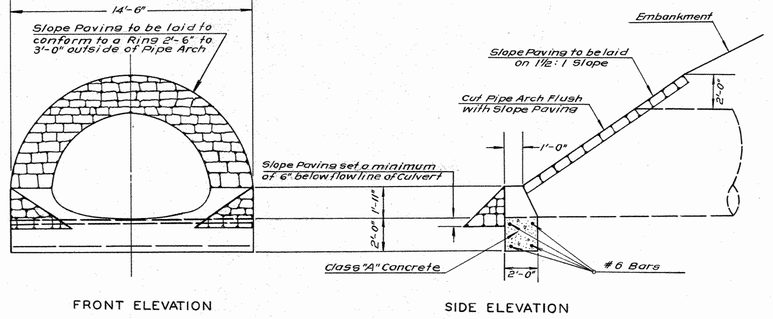
THIS SHEET NOT CORRECTED



PLAN

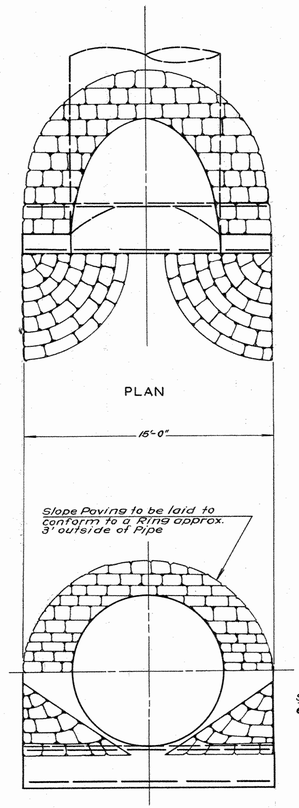


PLAN OF INLET
STA. 104+22± LT.
SEE ROAD CROSS SECTIONS



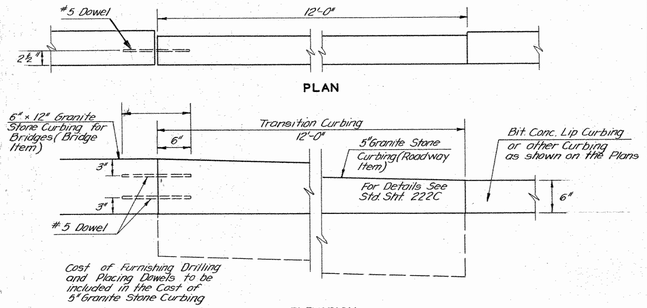
FRONT ELEVATION SIDE ELEVATION

SLOPE PAVED INLETS AND OUTLETS
STA. 104+22± LEFT AND RIGHT,
STA. 243+03± RIGHT AND
STA. 243+85± LEFT



PLAN FRONT ELEVATION

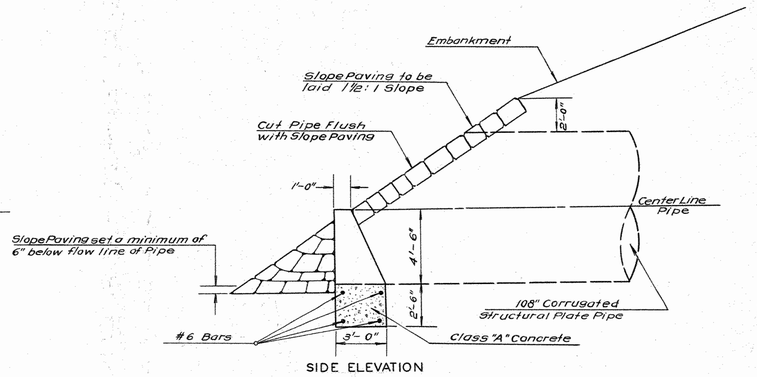
SLOPE PAVED INLET & OUTLET FOR 108" CORRUGATED STRUCTURAL PLATE PIPE AT STA. 205+75



PLAN

ELEVATION

DETAIL OF TRANSITION CURBING ADJACENT TO BRIDGES



SIDE ELEVATION

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PLAN	BY	DATE	DRAWN BY	DATE
NOTE BOOK			Traced	
NO.			Designed	
			New Const. Noted	V.Lovkis May 1962
			Top. Field Chk. noted	J.Spacir Aug. 1962

87 76

M359 01

10

DIETZGEN 131 Arkwright Tracing Cloth 6762

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK: **FOR INFORMATION ONLY**

DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK**

TOWN(S): **NAUGATUCK**

DRAWING TITLE: **TYPICAL CROSS SECTIONS**

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-06**

SHEET NO.: **06.06**

LASTED SAVED BY: SoltysJ FILE NAME: C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

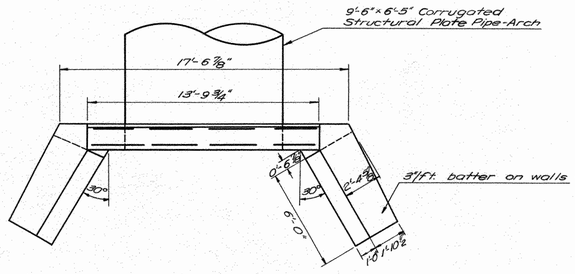
FORM NO. ENG. 11 ED 9-59

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK & BETHANY	F 55 (2)	87-76	1964	63	11	210

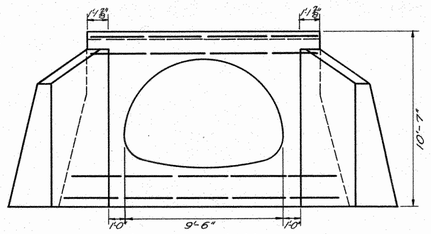
SPECIAL ENDWALL DETAILS & CHANNEL SECTIONS

ROUTE 63

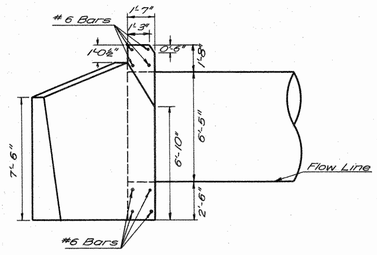
NOT TO SCALE



PLAN

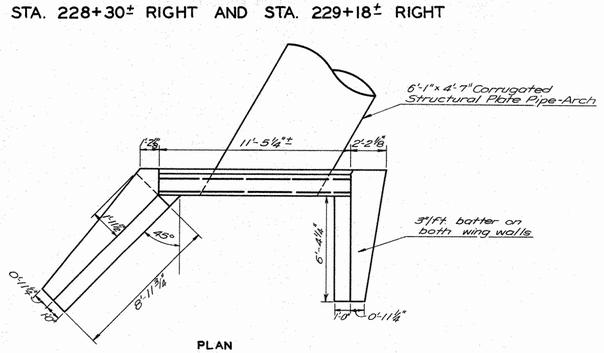


FRONT ELEVATION

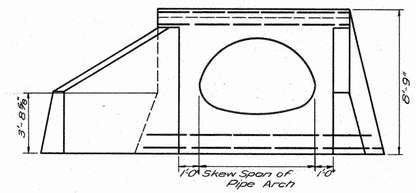


SIDE ELEVATION

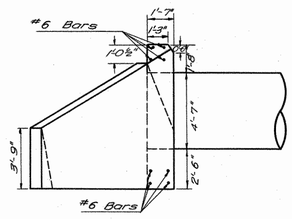
WING TYPE ENDWALLS
STA. 228+30± RIGHT AND STA. 229+18± RIGHT



PLAN

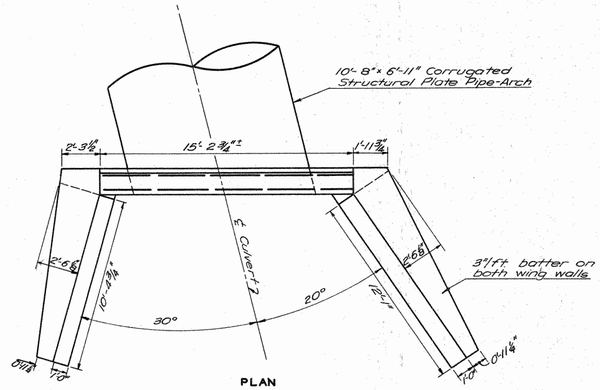


FRONT ELEVATION

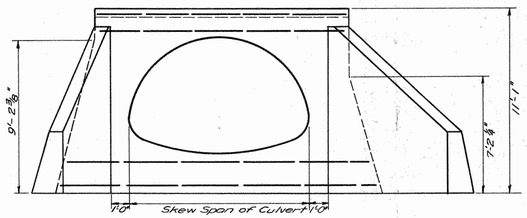


SIDE ELEVATION

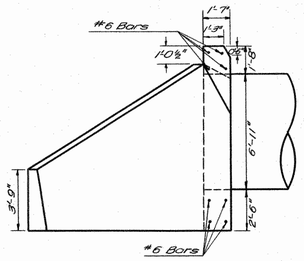
WING TYPE ENDWALLS
STA. 157+36± RIGHT AND STA. 157+72± LEFT



PLAN



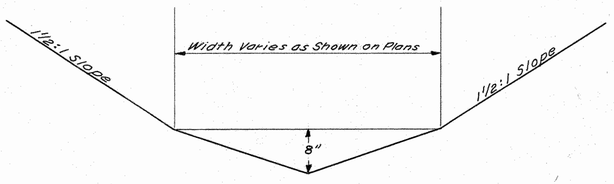
FRONT ELEVATION



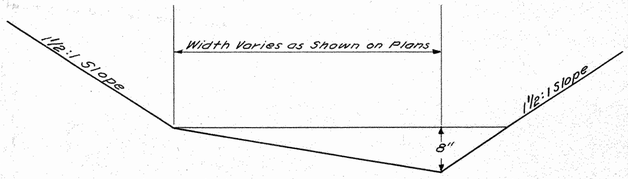
SIDE ELEVATION

WING TYPE ENDWALLS
STA. 222+65± LEFT AND STA. 222+80± RIGHT

PLAN



SKETCH SHOWING V BOTTOM CHANNEL



SKETCH SHOWING V BOTTOM ON CURVED CHANNEL

THIS SHEET NOT CORRECTED

PLAN	NOTE BOOK	NO.	BY	DATE	CHECKED BY	DATE
	Surveyed					
	Plotted					
	Traced		PB/HBC	May '62		
	Designed					
	New Const. Noted					
	Top. Field Chk. noted					

REVISION DESCRIPTION | DATE | REV.

DIETZGEN 131 Arkwright Tracing Cloth 6762

87 76

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M 359 01

11

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S): NAUGATUCK

DRAWING TITLE: TYPICAL CROSS SECTIONS

PROJECT NO.: 0087-0148

DRAWING NO.: EP-07

SHEET NO.: 06.07

DESIGNER/DRAFTER: JJS CHECKED BY: NJM

LASTED SAVED BY: SoltysJ FILE NAME: C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn

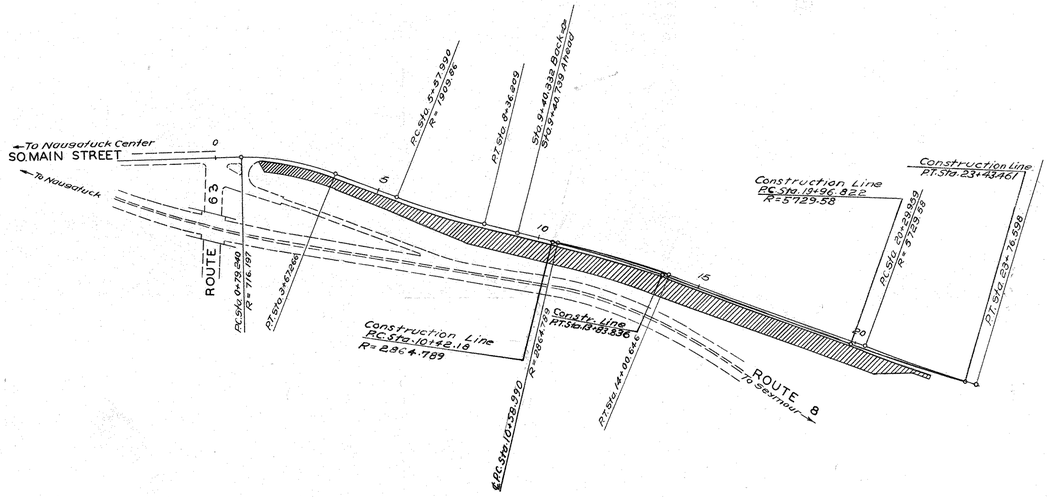
PLOTTED DATE: 5/6/2025

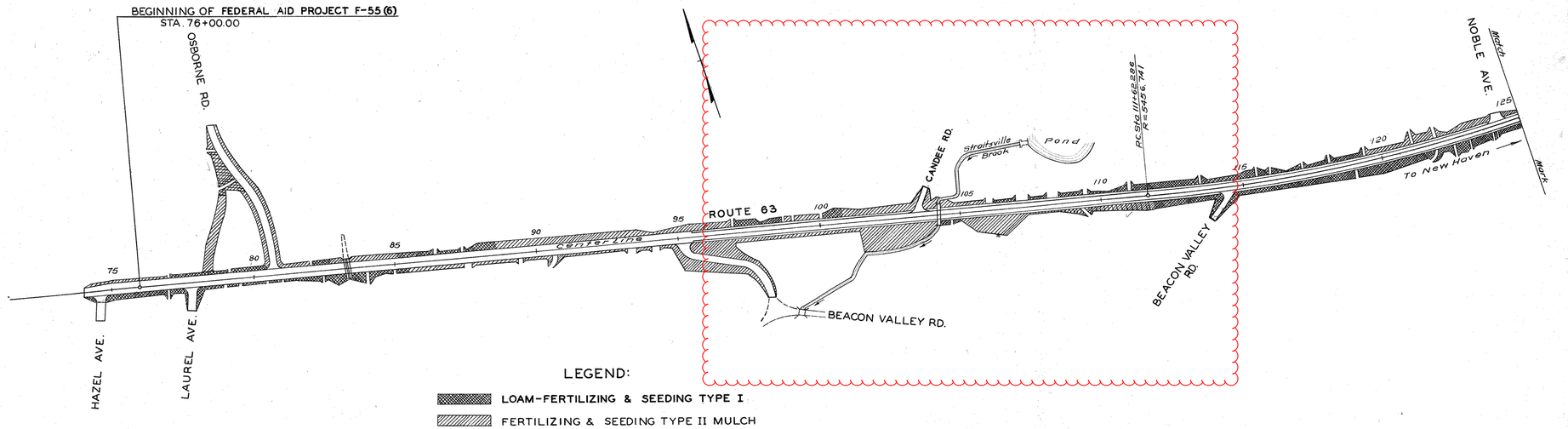
FORM NO. ENG. 11 ED 9-59

PUR. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F 55 (6)	87-76	1964	63	12	210

TURF ESTABLISHMENT

SCALE 1"=200'





LEGEND:

- LOAM-FERTILIZING & SEEDING TYPE I
- FERTILIZING & SEEDING TYPE II MULCH

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ROUTE 63

SCALE IN FEET
400' 200' 0 400'

PLAN	BY	DATE	CHECKED BY	DATE
Surveyed				
Plotted				
Designed				
Prepared	V. Loucks	May 1958	J. Stacy	May 1962
New Const. Noted				
Top. Field Chk. noted				
NOTE BOOK				
NO.				

DIETZGEN 131 Arkwright Tracing Cloth 6702

87 76

M359 01

12

REV.	DATE	REVISION DESCRIPTION

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DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK**

TOWN(S): **NAUGATUCK**

DRAWING TITLE: **TURF ESTABLISHMENT**

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-08**

SHEET NO.: **06.08**

LASTED SAVED BY: SoltysJ FILE NAME: C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

FORM NO. ENG. 11 ED. 8-54

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F55(6)	87-76	1969	63	26	210

ROUTE 63

MINIMUM WIDTH OF RIGHT OF WAY = 66'

SCALE IN FEET
80' 40' 0 80'

PLAN	BY	DATE	CHECKED BY	DATE
Surveyed	J.M. Sharon	Jan. 1959		
Plotted	J.M. Sharon	Jan. 1959	S. Bosch	Aug. 1959
Traced	V. Knowles	Jan. 1960		
Designed	V. Knowles	Mar. 1962	J. Stacy	May 1962
Quantities Computed, Noted	E. Hawkins	May 1962	S. Bosch	Oct. 1959
Prepared	V. Knowles	Oct. 1959		
Top Field Chk. noted	V. Knowles	Oct. 1959		

NOTE BOOK NO. 87-76 D-2

B.M. No. 13-A El. 383.925
Spike in 18" Maple

ALICE S. SLADE

N/F FREDERICK H. STUMPF

N/F C.B. Jr. & D.S. JOHNSON

AUGUSTINE E. BARBIERO ET AL

HAROLD McDONALD ET AL

N/F AUGUSTINE E. BARBIERO

HARRY E. SMITHAUSLER ET AL

LENNEA WEID

WILLIAM NOBLE Jr.

ROBERT J. RICCI ET AL

MICHAEL L. FITZPATRICK ET AL

WILLIAM NOBLE, Jr.

Pond

STRAITSVILLE BROOK

BEACON HILL BROOK

COTTON HOLLOW RD.

BEACON VALLEY ROAD

ROUTE 63

To Naugatuck

To New Haven

Highway Line
See R.O.W. Map No. 7030

Highway Line
See R.O.W. Map No. 87-03

Taking Line

Base Line

Slope Paved Inlet
For Details see Sheet No. 10

48' & Relaid 18" R.C. Pipe

LIMIT OF CONSTRUCTION

Remove Superstructure and Substructure

40' Outlets for Underdrain with 6" A.C.C.M. Pipe

360' Underdrain with 6" Perf. A.C.C.M. Pipe

Approx. Slope Limits

Remove Existing Pavement

Bit. Conc. Lip Curbing

Type "C" Catch Basin

Type "C" C.B.

Riprap

8' Channel (V Bottom)

Slope Paved Outlet
For Details see Sheet No. 10

60' – 18" A.C.C.M. Pipe

9'-6" x 6'-5" Corrugated Structural Plate Pipe Arch, 10 Ga.
Section Modulus = 0.0732 in³

Right to relocate Channel Required.

Right to relocate Channel & place Riprap Required.

Right to Slope Required

Bit. Concrete Lip Curbing

Approx. Slope Limits

Guide Railing

Bridge No. 4070-0416
S.M.L. Sta. 9+16.5
18'-3" Min. Clearance

Bit. Conc. (Surface Course Grading II) on 6" Rolled Gravel Base

Right to excavate Brook Channel & place Riprap Required

Guide Railing ERECTED

Type "C" Catch Basin

1 Sty. Cont. Stk. Fruit Stand

1 Sty. Fr. Bldg. (Restaurant)

Oiled Gravel Parking Area
See R.O.W. Map No. 87-03
Highway Line

36'-15" A.C.C.M. Pipe

268'-Udrain w/ 6" Perf. A.C.C.M.P.

Approx. Slope Limits

44'-15" A.C.C.M. Pipe

24" C.I. Water Main

20" C.I. Water Main

10" C.I. Water Main

Type "C" C.B

136'-15" R.C.P.

Bit. Concrete Lip Curbing

104'-Udrain with 15" Perf. A.C.C.M.P. INSTALLED

24'-15" R.C. Pipe

104'-15" A.C.C.M. Pipe

264' Underdrain with 15" Perf. A.C.C.M. Pipe

180'-Udrain w/ 6" Perf. A.C.C.M.P. INSTALLED

Approx. Slope Limits

Type "C" Catch Basin

Bit. Conc. Lip Curbing

212'-15" R.C. Pipe

Right to Slope Required

Type "C" Catch Basin

Approx. Slope Limits

Bit. Conc. Lip Curbing

Type "C" Catch Basin

Paved Ditch "D-G" Endwall

Approx. Slope Limits

40'-18" x 11" A.C.C.M. Pipe Arch

Bit. Concrete Lip Curbing

Approx. Slope Limits

Remove

Bit. Concrete Lip Curbing

Ditch EXCAVATED

26'-18" x 11" A.C.C.M. Pipe Arch

Paved Ditch

Type "C" "G" Catch Basin #1039-S

Subject to Easement In Favor of The Connecticut Water Co.

28'-18" x 11" A.C.C.M. Pipe Arch INSTALLED

Approx. Slope Limits Endwall

Type "C" C.B.

PT. Sta. 14+23.15

Drainage Right of Way Required

LENNEA WEID Rights to Slope Required

LIMIT OF CONSTRUCTION

Gravel Drive

Earth Drive

Bird Bath

Highway Line

84'-Transmits Water Mains

96'-18" R.C.P. INSTALLED

64'-C Timber Bridge 8.0' Width x 22.7' 1965

Beacon Valley Road Curve Data:
Δ = 73°-00'-00"
D = 38°-11'-50"
T = 110.91'
L = 191.11'
R = 150.00'

Spring Outlet & Ascent

Timber Deck Bridge 3.8' Width x 8.5' 1905

Gravel Drive

Bit. Drive

Bit. Conc. Drive

Grinder Drive

Wet Mdw.

Brook

Fence

Stone Wall

Guide Rail

Utility Pole

Tele. Pole

Light Post

Fire Hydrant

Gas Gate

Gas Line

Water Line

Wire Fence

Concrete Sidewalk

Concrete Slab

Concrete Curb

Grassed Area

Stake

Clump 6" Birches

Foot Bridge

Spillway

Dam

Gar.

Shed

Fr. Gar.

Cont. Gar.

1½ Sty. Fr. Ho.

1½ Sty. Fr. Ho. (Rented)

1 Sty. Fr. Ho.

1 Sty. Fr. Ho.

1 Sty. Cont. Fr. Ho.

1 Sty. Fr. Ho.

1½ Sty. Fr. Ho.

1 Sty. Fr. Ho.

Cont. Gar.

Cont. Shed

Cont. Barn

Cont. Silo

Cont. Shed

Cont. Gar.

Cont. Gar.

Cont. Gar.

FORM NO. ENG. 12 ED 3-56

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PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F55(6)	87-76	1964	63	27	210

ROUTE 63

HORIZ. SCALE IN FEET
80 40 0 80

VERT. SCALE IN FEET
8 4 0 8

PROFILE	BY	DATE	CHECKED BY	DATE
Surveyed	Marshall	Nov. 1958		
Plotted	P.Ker	Nov. 1958	W.Fiann	Nov. 1958
Traced	R.E.B.	Aug. 1959	C.B.	Oct. 1959
Designed	G.Hubbard	Mar. 1962	J.Barry	May 1962
Quantities Revised	Clifford Eddy	Sept. 1962		
Typ. Field Clks. revised				

NOTE BOOK
NO. 87-76-02
9122

Profile on Candee Road
Same Point
Ho.
Gar.
PVI 100+90
El. 328.70
PVC 98+20
El. 321.80
PVT 97+00
El. 318.20
+3.00%
To Naugatuck
3 Bit. Drives
Conc. Steps
3 Bit. Conc. Dr.
Proposed Grade
-1.00%
L.V.C. = 400'
PVC 104+00
El. 325.20
PVT 102+80
El. 326.40
L.V.C. = 360'
Profile on ℄ 2
Cinder Dr.
Profile on ℄ 1
C.B.
18" R.C.P.
Bottom Steel I Beam
Upstream Opening
Downstream Opening
TWG
Ten C.I. Water Main
Water Chest Downstream
Concrete Slab Bridge 12' Span - 5' Clearance
20" C.I. Water 39' Lt.
10" C.I. Water 19' Lt.
20" C.I. Water 34' Lt.
10" C.I. Water 15' Lt.
Profile on Straitsville Brook
Proposed 8" Sewer 25' Rt.
PVI 105+90
El. 329.40
PVT 107+60
El. 329.16
Fruit Stand
Restaurant
Gravel Dr.
+3.20%
To New Haven
Bit. Dr.
Gravel Dr.
Bond Elev. Aug. 29, 1958
20" C.I. Water 13' Lt.
10" C.I. Water 1' Rt.
Concrete Spillway
20" C.I. Water 12' Lt.
10" C.I. Water 4' Rt.
Beacon Valley Rd.
Proposed Grade Beacon Valley Rd.
Same Point
LIMIT OF CONSTRUCTION
10" Subbase

"LEKRIGHT" TRACING CLOTH JOSEPH MERRITT & CO. 69084

87 76

M359 01

27

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
FOR INFORMATION ONLY
DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
PLANS AND PROFILES

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-10**
SHEET NO.: **06.10**

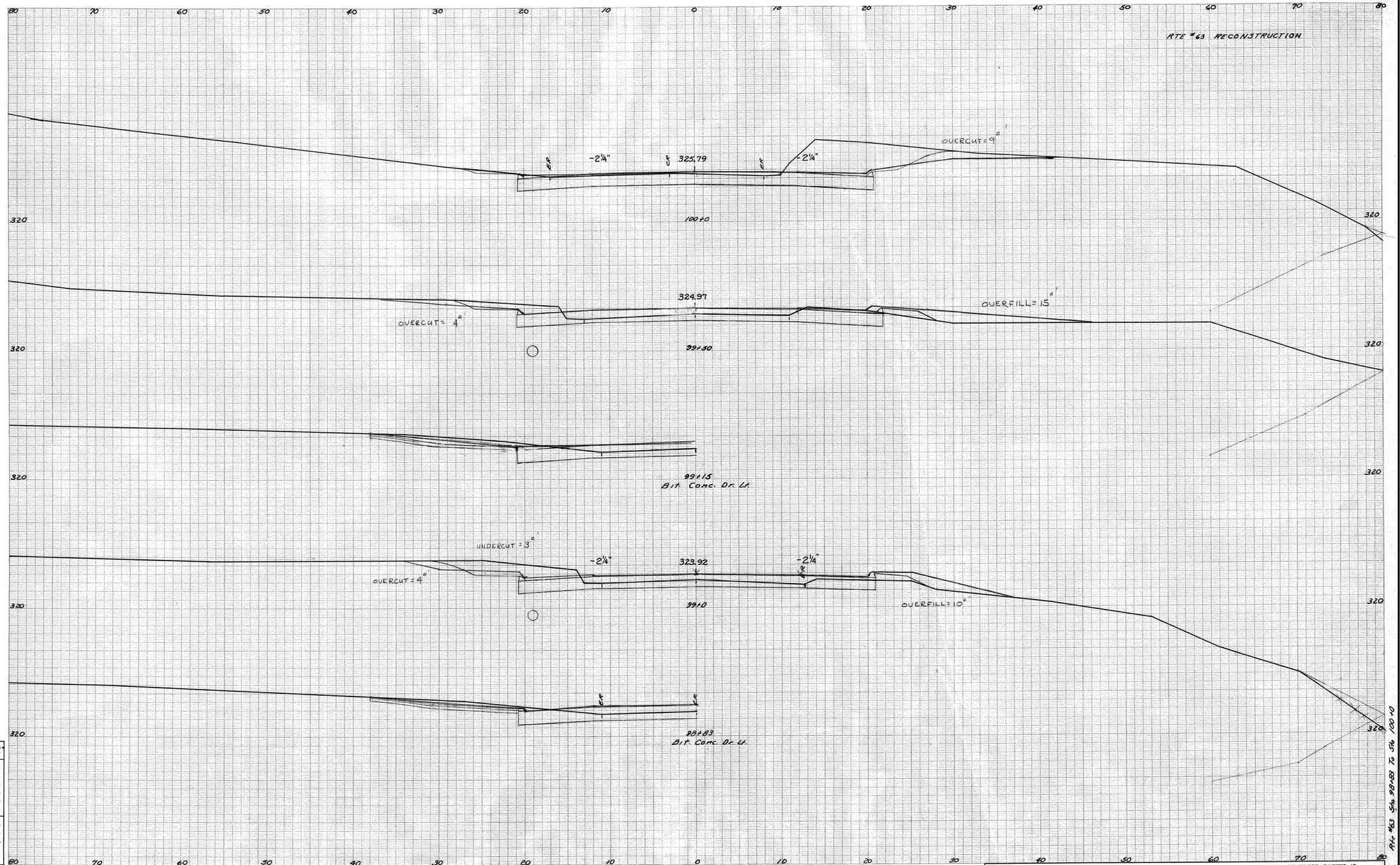
LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F55(6)	87-76	1964	63	97	210

CROSS SECTIONS

SCALE 1 INCH=5 FEET

RTE #63 RECONSTRUCTION



NOTE BOOK NO. 87-76-02 "I"	
Ground Surface Plotted by	D. Oakley
" " Checked by	A. Sabelli
Template Sections Plotted by	R. Koudelka
" " Checked by	
Areas by	J.M. Sherry
" Checked by	
Final Sections Plotted by	J.M.
" " Checked by	
Final Areas by	J.M.S.
" " Checked by	E.C.
Quantity Transferred and Inked by	

"ARCHRIGHT" TRACING CLOTH JOSEPH HERRITT & CO. #2442

87 76

Naugatuck

359 01

97

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REVISION DESCRIPTION | DATE | REV

SIGNATURE BLOCK:
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DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
CROSS SECTIONS

PROJECT NO.:
0087-0148

DRAWING NO.:
EP-11

SHEET NO.:
06.11

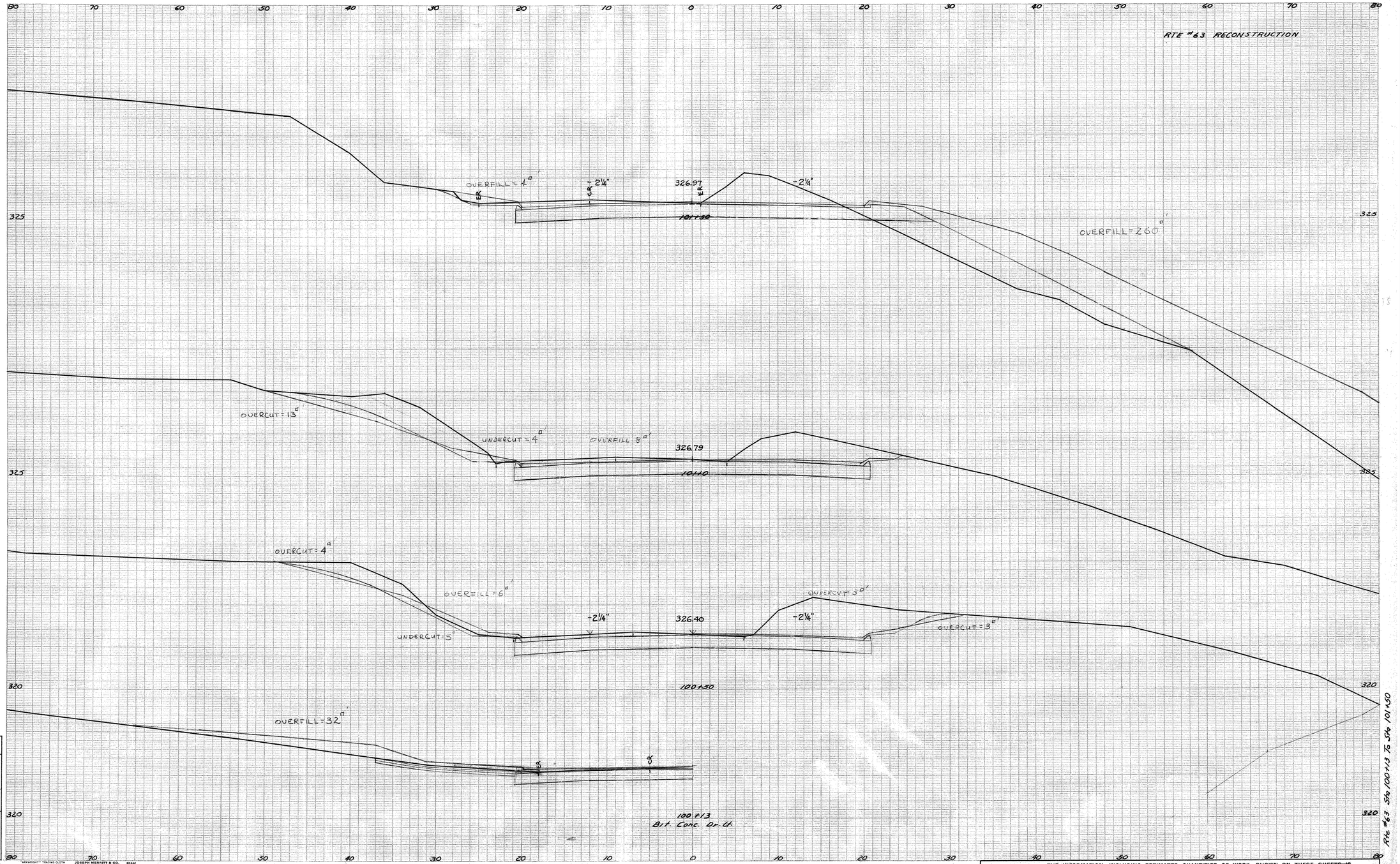
LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

CROSS SECTIONS

SCALE 1 INCH=5 FEET

FORM NO. ENG. 13 ED. 11-58

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-55(16)	87-76	1964	~~63~~	~~98~~ 71	210



NOTE BOOK NO. 87-76-02 "I"

Ground Surface Plotted by D. Oakley
" " Checked by A. Schull
Template Sections Plotted by R. Kowalski
" " Checked by
Areas by J.S. & J. Sherry
" Checked by
Final Sections Plotted by
" " Checked by
Final Areas by JM
" " Checked by FC
Quantity Transferred and Inked by

"ARRESTRIP" TRACING CLOTH JOSEPH MERRITT & CO. 82442

87 76

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M359 01

98

REV.	DATE	REVISION DESCRIPTION

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DESIGNER/DRAFTER: JJS CHECKED BY: NJM

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:

REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):

NAUGATUCK

DRAWING TITLE:

CROSS SECTIONS

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-12**

SHEET NO.: **06.12**

LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

FORM NO. ENG. 13 ED. 6-59

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F55(6)	87-76	1964	63	99	210

CROSS SECTIONS

SCALE 1 INCH = 5 FEET

NOTE BOOK NO. 87-76-021

Ground Surface Plotted by Frank Kos
" " Checked by D.R. Bragg
Template Sections Plotted by
" " Checked by
Areas by
" Checked by J Shirley

Final Sections Plotted by
" " Checked by
Final Areas by JM
" " Checked by EC
Quantity Transferred by

~~THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS COMPILED FOR DESIGN PURPOSES ONLY AND IS NOT GUARANTEED 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.~~

99

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

FOR INFORMATION ONLY

DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
CROSS SECTIONS

PROJECT NO.:
0087-0148

DRAWING NO.:
EP-13

SHEET NO.:
06.13

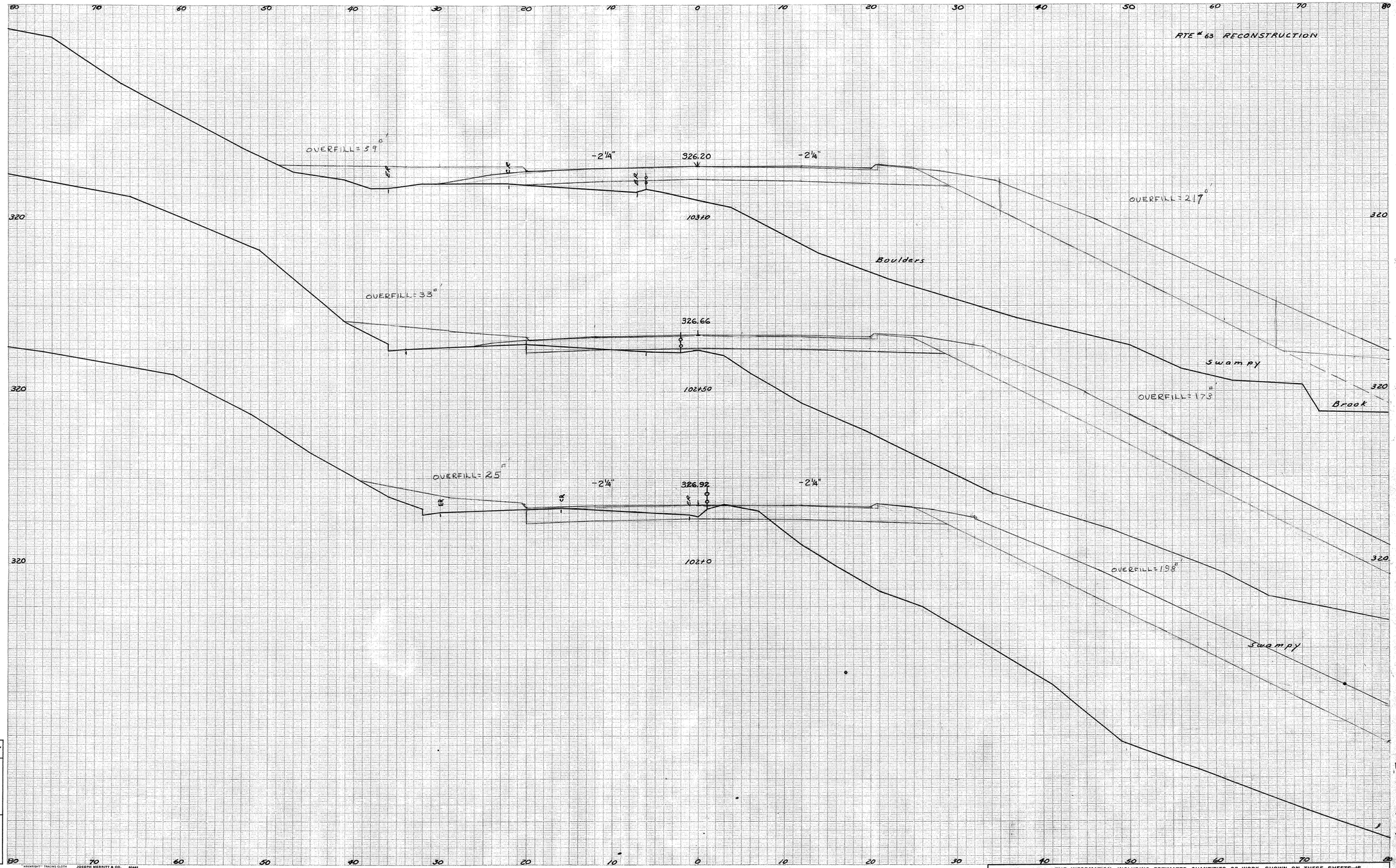
LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

FORM NO. ENG. 13 ED. 11-56

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-55(16)	87-76	1964	63	100	210

CROSS SECTIONS

SCALE 1 INCH=5 FEET



TE BOOK NO. 87-76-02 "I"

nd Surface Plotted by O. Peck
" Checked by G. Tarka
late Sections Plotted by JR Kowalski
" Checked by
by J.G.S. Sherry
Checked by

Sections Plotted by J.M.
" Checked by
Areas by J.M.
" Checked by R.C.
ty Transferred and Inked by

"ARKWRIGHT" TRACING CLOTH JOSEPH MERRITT & CO. 60442

87 76

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359 01

100

REVISION DESCRIPTION | DATE | REV.

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DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT **CONNECTICUT DEPARTMENT OF TRANSPORTATION**

PROJECT TITLE: **REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK**

TOWN(S): **NAUGATUCK**

DRAWING TITLE: **CROSS SECTIONS**

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-14**

SHEET NO.: **06.14**

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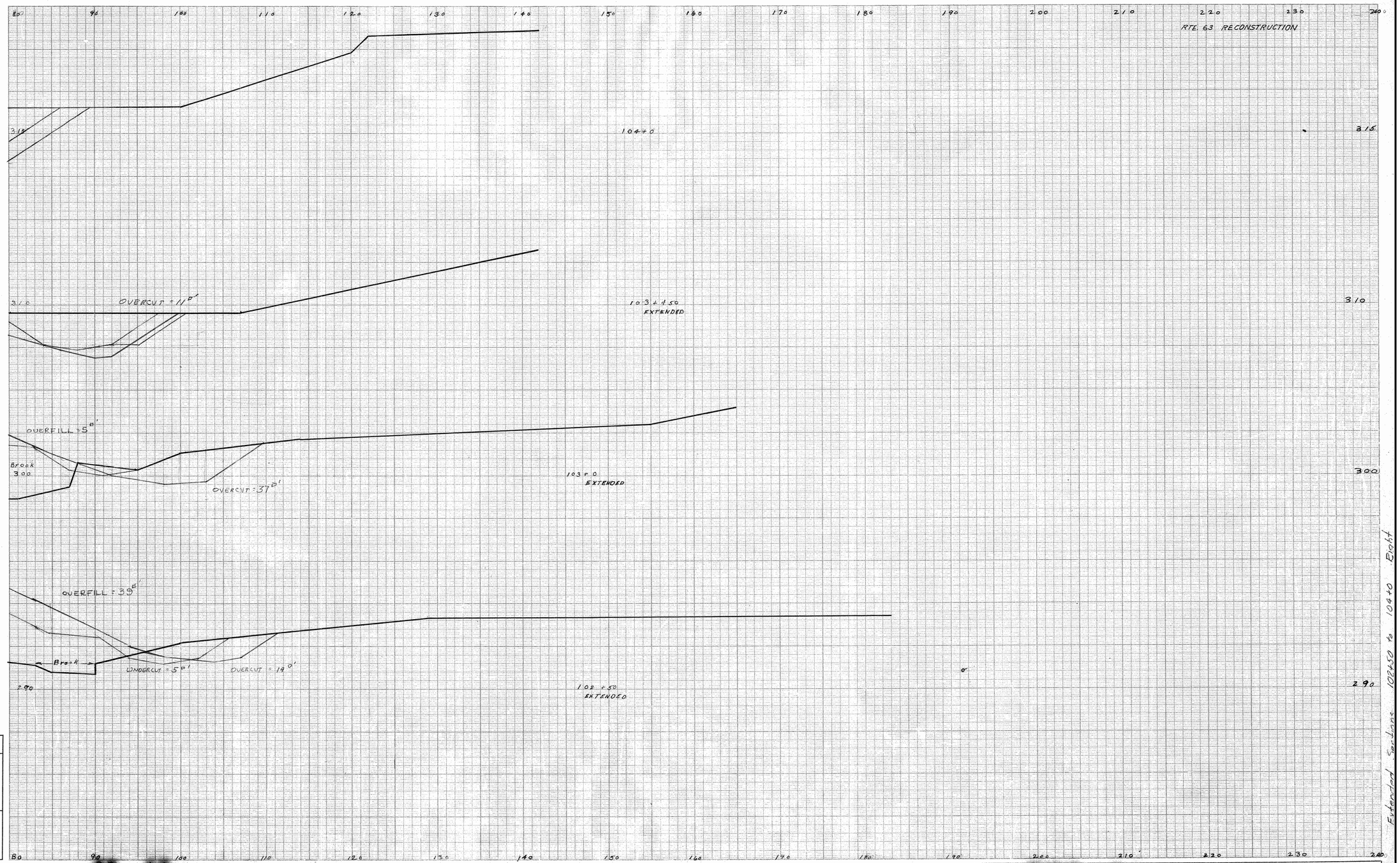
PLOTTED DATE: 5/6/2025

FORM NO. ENG. 13 ED. 6-59

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-55(6)	87-76	1964	63	101	210

CROSS SECTIONS

SCALE 1 INCH = 5 FEET



NOTE BOOK NO. 87-76-02 I

Ground Surface Plotted by D R BRAGG
" " Checked by E.J. KOS
Template Sections Plotted by
" " Checked by
Areas by
" Checked by G. TRACY

Final Sections Plotted by
" " Checked by
Final Areas by J. M
" " Checked by E C
Quantity Transferred by

87 76

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101

REVISION DESCRIPTION | DATE | REV.

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NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
CROSS SECTIONS

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-15**

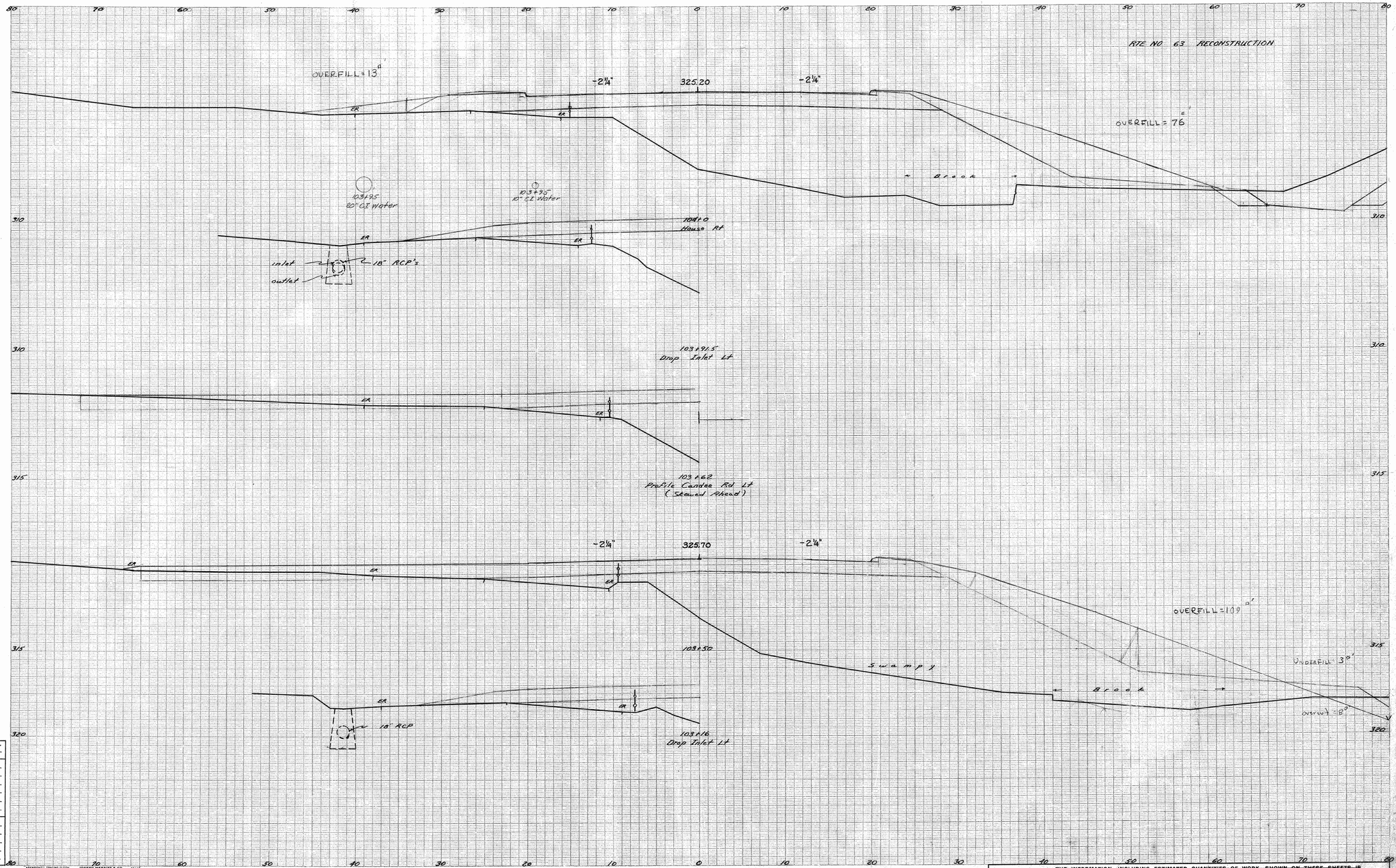
SHEET NO.: **06.15**

LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

CROSS SECTIONS

SCALE 1 INCH=5 FEET

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F55(6)	87-76	1964	63	102	210



NOTE BOOK NO. 87-76-02 "I"

Ground Surface Plotted by G Tarka
" " Checked by D Pack
Template Sections Plotted by R. Kowalski
" " Checked by
Areas by J. Sherry
" Checked by
Final Sections Plotted by
" " Checked by
Final Areas by NJM
" " Checked by EC
Quantity Transferred and Inked by

"ARMORHIDE" TRACING CLOTH JOSEPH HERRITY & CO. 60662

87 76

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359 01

102

REVISION DESCRIPTION | DATE | REV.

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK**

TOWN(S): **NAUGATUCK**

DRAWING TITLE: **CROSS SECTIONS**

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-16**

SHEET NO.: **06.16**

DESIGNER/DRAFTER: JJS CHECKED BY: NJM

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PLOTTED DATE: 5/6/2025

CROSS SECTIONS

SCALE 1 INCH=5 FEET

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-55(6)	87-76	1964	63	103	210

Route Nº 63 Reconstruction

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80

310

Conc. Curb

Conc. Curb

Bottom Concrete Slab

Bottom Steel Beam

B r o o k

20" CI Water

10" CI Water

104+24
Bridge Left (Normal)
Concrete Slab - Wet Mas Abut's
12' Span

ER

ER

Bottom Concrete Slab

Bottom Steel Beam

20" C.I. Water Main

10" Water

104+23
Profile Straitsville Brook Lt & Rt
(Skewed)

Conc. Curb

Conc. Curb

Top Ret. Wall

ER

ER

Wet Mas. Wing

18" RCP Outlet Sta. 104+13

Bottom Concrete Slab

Bottom Steel Beam

Toe of Abutment

Brook

104+18
Wet Masonry Abutment Lt.

Route #63

NOTE BOOK NO. 87-76-02 I

Ground Surface Plotted by P. Ney
" " Checked by W. Frank
Template Sections Plotted by
" " Checked by
Areas by G. Tracy
" Checked by
Final Sections Plotted by
" " Checked by
Final Areas by
" " Checked by
Quantity Transferred and Inked by

"ARCHIVO" TRACING CLOTH JOSEPH MERRITT & CO. 18891

87 76

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M 359 01

103

REVISION DESCRIPTION | DATE | REV.

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NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
CROSS SECTIONS

PROJECT NO.:
0087-0148

DRAWING NO.:
EP-17

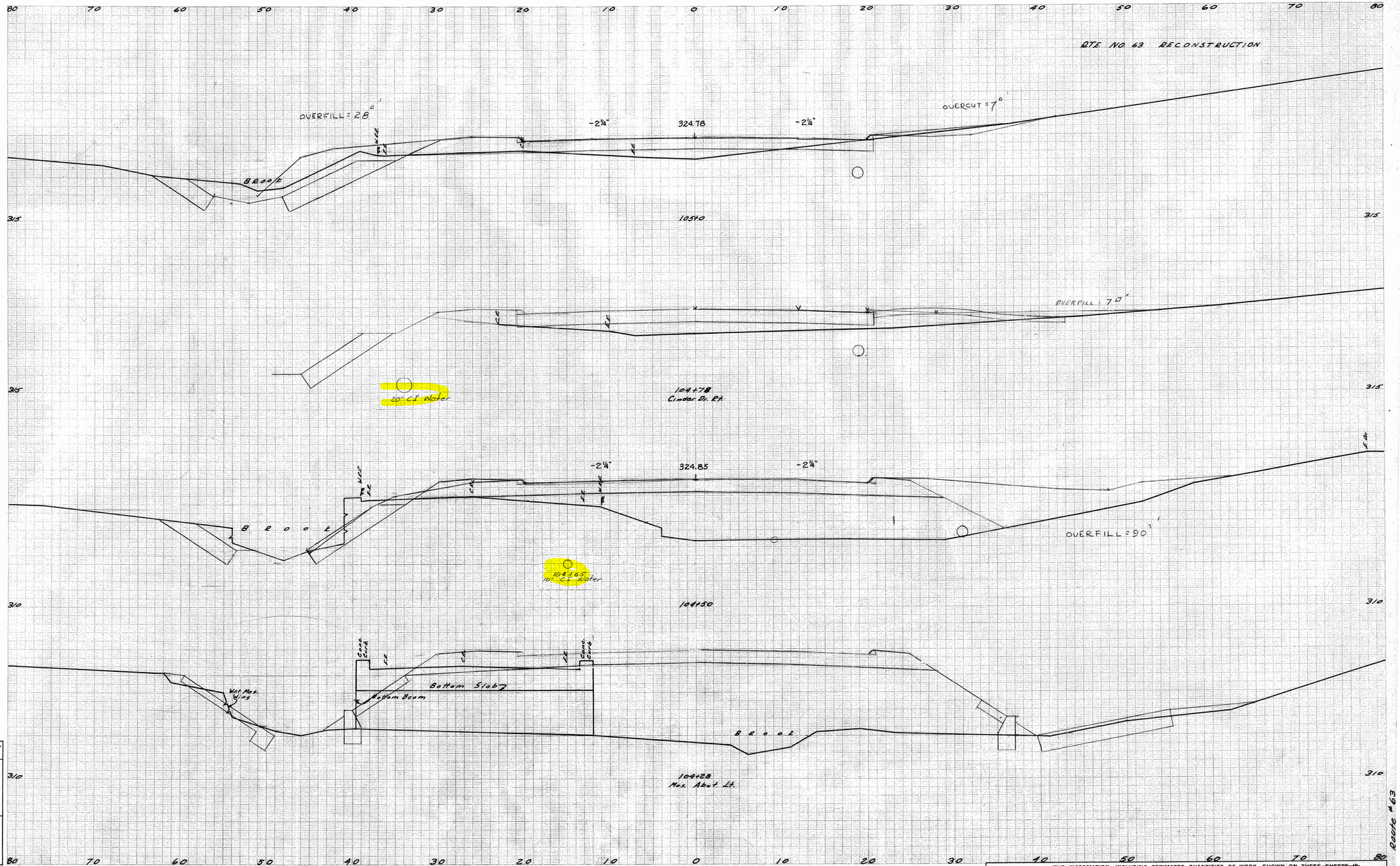
SHEET NO.:
06.17

LASTED SAVED BY: SoltysJ FILE NAME: C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

CROSS SECTIONS

SCALE 1 INCH=5 FEET

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	SHEET NO.	NO.	SHEETS
1	CONN.	NAUGATUCK	F.55(6)87-76		1964	63	104	210



NOTE BOOK NO. 87-76-02 "E"

Ground Surface Plotted by W. Frank
" " Checked by R. Nay
Template Sections Plotted by R. Kawalski
" " Checked by
Areas by R. Kozey
" Checked by J. Schurry

Final Sections Plotted by
" " Checked by
Final Areas by
" " Checked by EE
Quantity Transferred and Inked by

Dark Quantities

"ARVIN/BRIGHT" TRACING CLOTH JOSEPH MERRITT & CO. 16281

87 76

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359 01

104

REVISION DESCRIPTION | DATE | REV.

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
CROSS SECTIONS

PROJECT NO.:
0087-0148

DRAWING NO.:
EP-18

SHEET NO.:
06.18

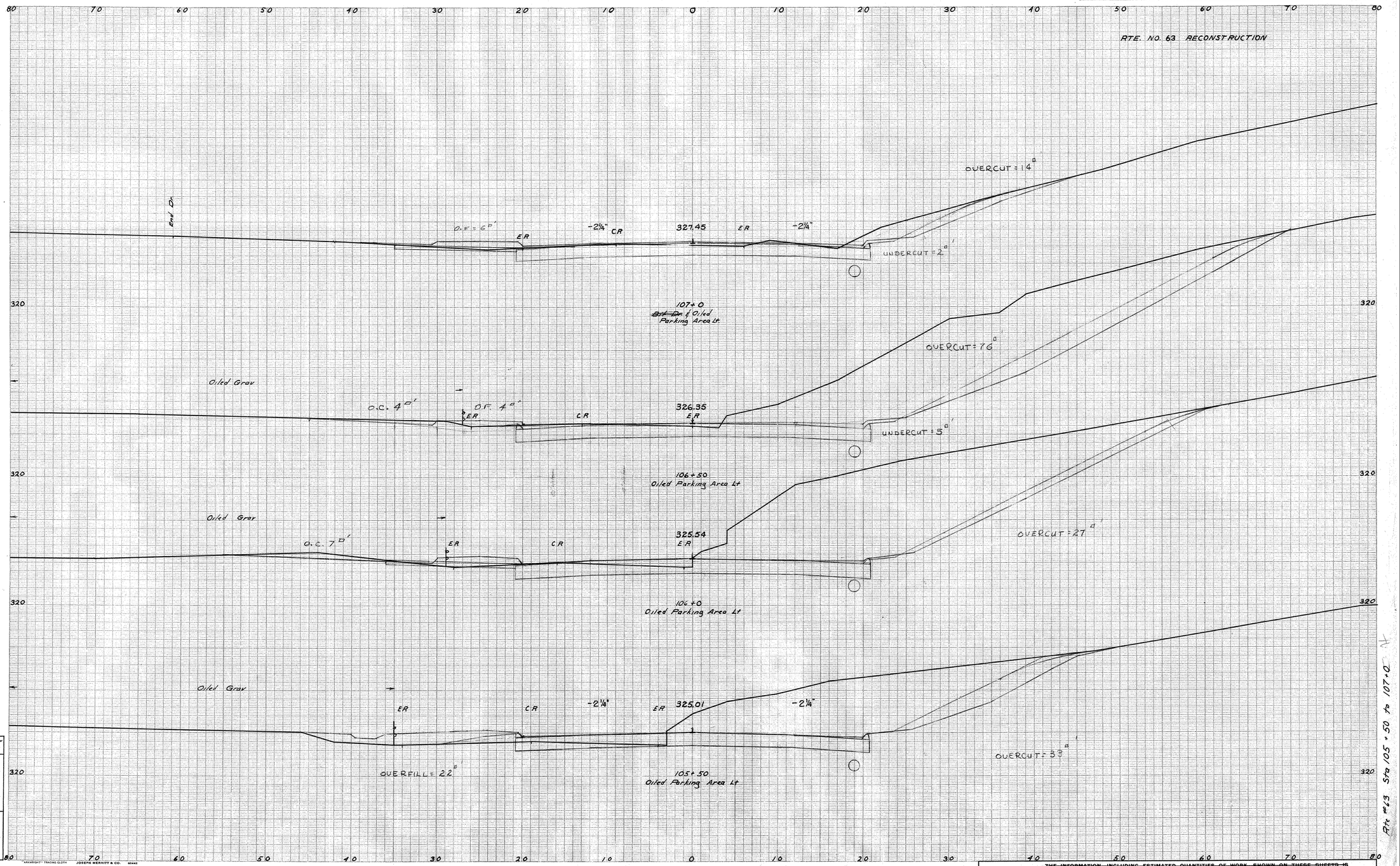
LASTED SAVED BY: SoltysJ FILE NAME: C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

FORM NO. ENG. 13 ED. 11-56

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F55(6)	87-76	1961	63	~~126~~	210

CROSS SECTIONS

SCALE 1 INCH=5 FEET



NOTE BOOK NO. 87-76-02-1"	
Ground Surface Plotted by	D Peck
" " Checked by	G Tacka
Template Sections Plotted by	M Kowalski
" " Checked by	
Areas by	F Ross
" Checked by	J J Sherry
Final Sections Plotted by	
" " Checked by	
Final Areas by	J Mayer
" " Checked by	ee
Quantity Transferred and Inked by	

"ARCHIVIST" TRACING CLOTH JOSEPH MERRITT & CO. 60442

Dark Cream OK

87 76

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M359 01

105

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:

FOR INFORMATION ONLY

DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:

REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):

NAUGATUCK

DRAWING TITLE:

CROSS SECTIONS

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-19**

SHEET NO.: **06.19**

LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

CROSS SECTIONS

SCALE 1 INCH=5 FEET

FORM NO. ENG. 13 ED. 11-56

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F5576	87-76	1964	63	186	210

RTE NO 63 RECONSTRUCTION

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80

330

ER CR

109+39
Grav Dr Lt Skewed Ahead

Bit Conc

OVERFILL=19'

-2¼" ER CR 333.64 -2¼"

109+0
~~Bit Conc~~ Parking Area Lt

Bit Conc

ER CR 332.04 ER

OVERFILL=7'

325

108+50
~~Bit Conc~~ Parking Area Lt

Bit Conc.

OVERFILL=18'

Bit Conc ER CR 330.44 ER

OVERFILL=15'

UNDERCUT=10'

108+0
~~Bit Conc~~ Parking Area Lt

Bit Conc.

ER -2¼" CR 328.85 ER -2¼"

OVERFILL=9'

OVERFILL=6'

107+50
~~Bit Conc~~ Parking Area & Bldg. Lt

Sta. 107+55

20" CI Water

12" CI Water

Sta. 107+30

C.L. Sta. 107+55

At #19 Sta 107+50 to Sta 109+39

80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80

"LEKNIGHT" TRACING CLOTH JOSEPH MERRITT & CO. 60442

NOTE BOOK NO. 87-76-02-"I"

Ground Surface Plotted by D. Peck
" " Checked by G. Tarka
Template Sections Plotted by
" " Checked by
Areas by JGS Sherry
" Checked by
Final Sections Plotted by
" " Checked by
Final Areas by JGS
" " Checked by BC
Quantity Transferred and Inked by

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.

87 76

350 01

106

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK: **FOR INFORMATION ONLY**

DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT **CONNECTICUT DEPARTMENT OF TRANSPORTATION**

PROJECT TITLE: **REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK**

TOWN(S): **NAUGATUCK**

DRAWING TITLE: **CROSS SECTIONS**

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-20**

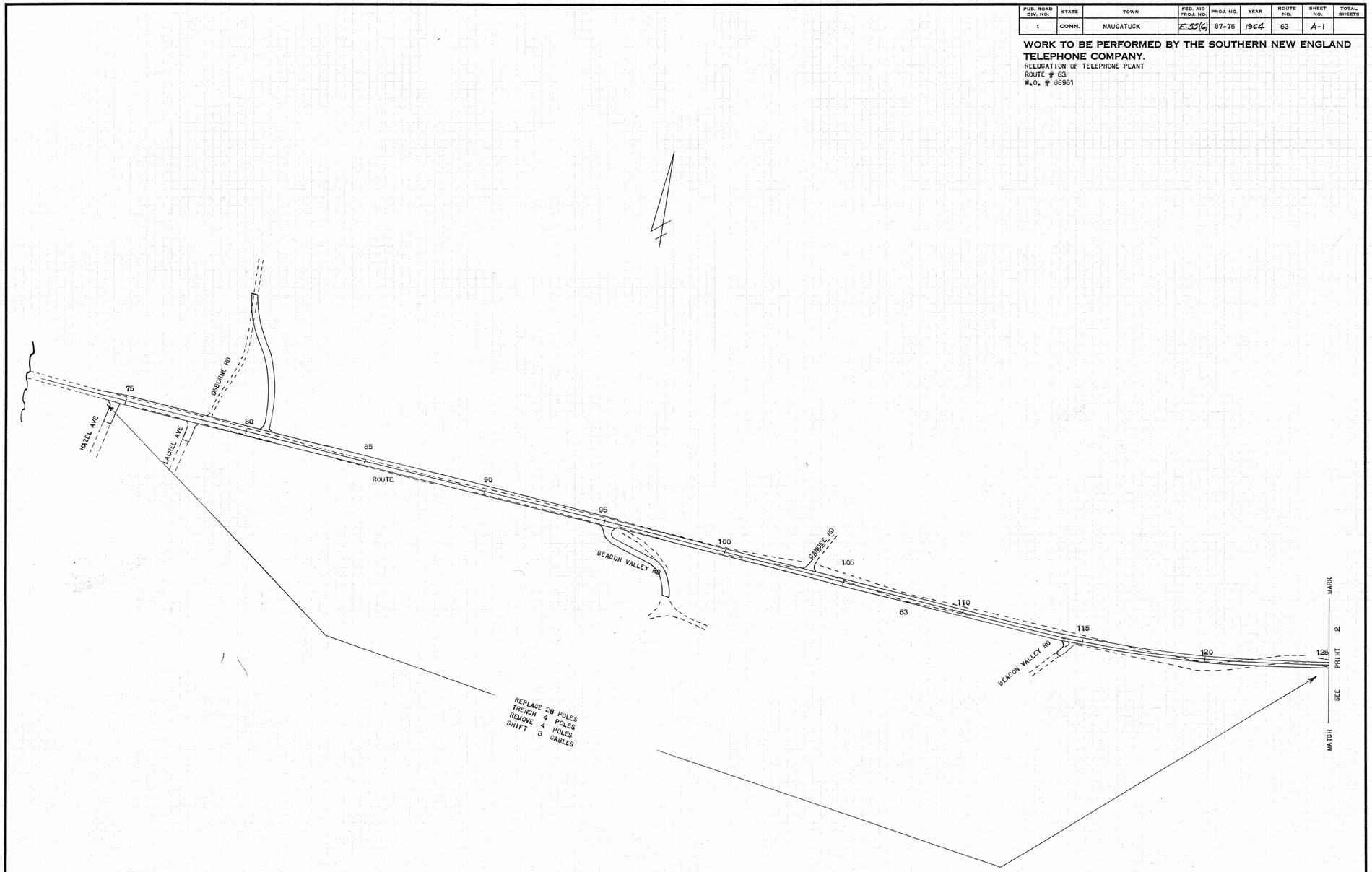
SHEET NO.: **06.20**

LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-55(4)	87-76	1964	63	A-1	

WORK TO BE PERFORMED BY THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY.

RELOCATION OF TELEPHONE PLANT
ROUTE # 63
W.O. # 86961



—LEGEND—

EXISTING	PROPOSED	
○	●	POLE, SNET CO CUSTODIAN
×	×	POLE, E.L. CO CUSTODIAN
○	●	POLE, REPLACED & RELOCATED
⟶	⟶	ANCHOR GUY
⟶	⟶	POLE, STUB, TREE OR BLDG GUY
⟶ TEL. ⟶ EL.	⟶ TEL. ⟶ EL.	DOUBLE ANCHOR & SNET CO GUY (EL. CO. TO PLACE OWN STRAND)
⟶ ✕ ⟶		ANCHOR GUY TO BE REMOVED
▭	▭	CONDUIT & MANHOLE

K-E PHOENIX 70286

SNET PRINT 1

DESIGNED BY	J.K. JOHNSON
SCALE	1" = 200'
PROJ. NO.	87-76
MADE BY	D.R. ANDERSON
DATE	3-1-63
CHECKED BY	R.W. CARROLL
DATE	3-1-63
APPROVED	J.L. MCGUINNESS
DATE	3-1-63
TITLE	DISTRICT PLANT ENGINEER

87 76

M 359 01

A-1

REV. | DATE | REVISION DESCRIPTION

SIGNATURE BLOCK:
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DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT
CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
SOUTHERN NEW ENGLAND TELEPHONE CO.

PROJECT NO.:
0087-0148

DRAWING NO.:
EP-21

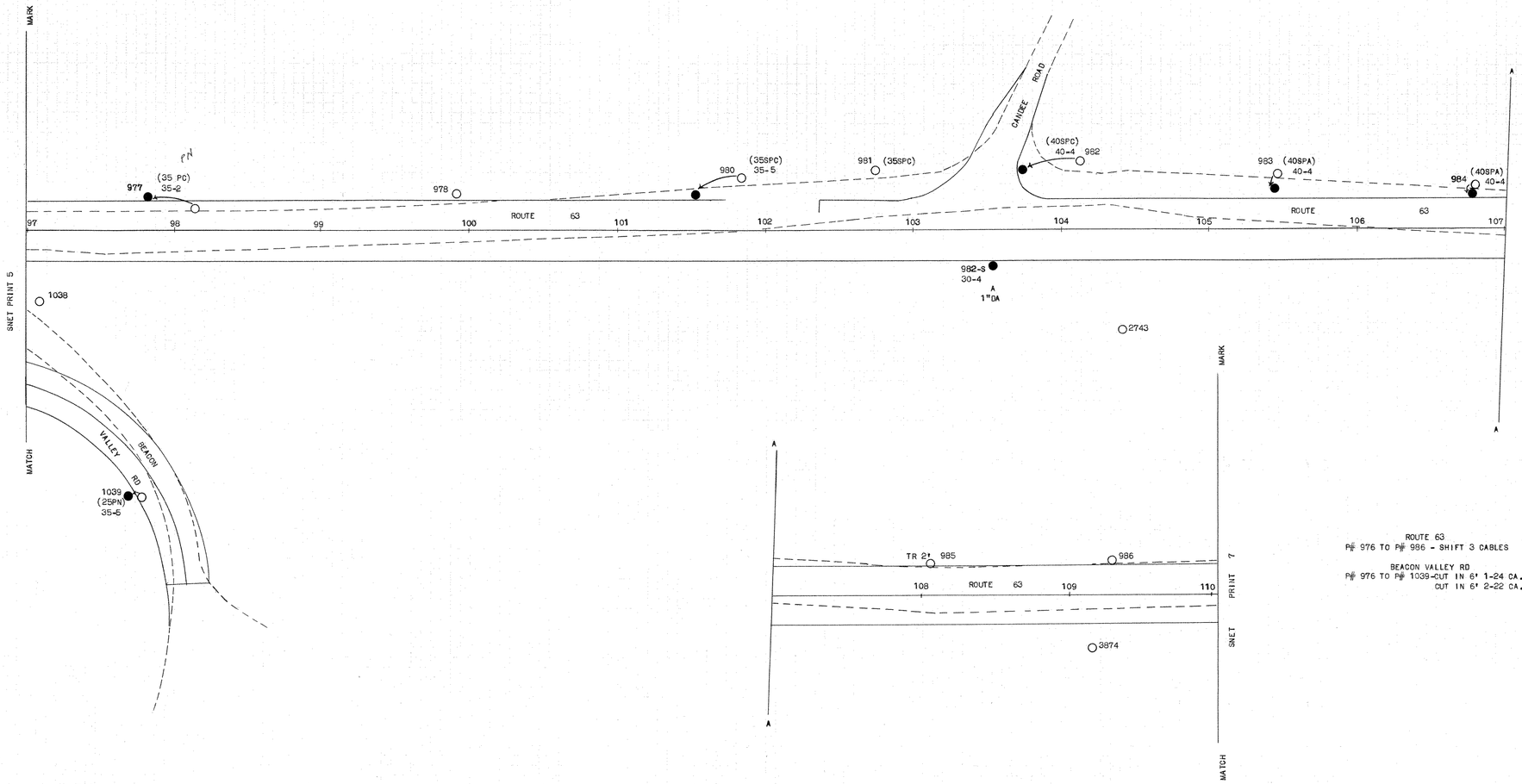
SHEET NO.:
06.21

LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F.55(6)	87-76	1964	63	A-6	

WORK TO BE PERFORMED BY THE SOUTHERN NEW ENGLAND TELEPHONE COMPANY.

RELOCATION OF TELEPHONE PLANT
ROUTE # 63
W. O. # 86961



ROUTE 63
P# 976 TO P# 986 - SHIFT 3 CABLES

BEACON VALLEY RD
P# 976 TO P# 1039-CUT IN 6' 1-24 CA.
CUT IN 6' 2-22 CA.

—LEGEND—

EXISTING	PROPOSED		EXISTING	PROPOSED	
○	●	POLE, SNET CO CUSTODIAN	→ TEL EL	→ TEL EL	DOUBLE ANCHOR & SNET CO GUY (EL. CO. TO PLACE OWN STRAND)
×	×	POLE, E.L. CO CUSTODIAN	X X		ANCHOR GUY TO BE REMOVED
○	●	POLE, REPLACED & RELOCATED	→	→	POLE, STUB, TREE OR BLDG GUY
→	→	ANCHOR GUY	▭	▭	CONDUIT & MANHOLE

K+E PHOENIX ® 70088

SNET PRINT 6

DESIGNED BY	J. K. JOHNSON, ENG.		
SCALE	1" = 40'	PROJ. NO.	87-76
MADE BY	VELMA A. MCGOVERN	DATE	3-1-63
CHECKED BY	R. GORDON	DATE	3-1-63
APPROVED	J. L. MCGUINNESS	DATE	3-1-63
TITLE	DISTRICT PLANT ENGINEER		

87 76

M 359 01

A-6

REVISION DESCRIPTION | DATE | REV.

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DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
SOUTHERN NEW ENGLAND TELEPHONE CO.

PROJECT NO.:
0087-0148

DRAWING NO.:
EP-22

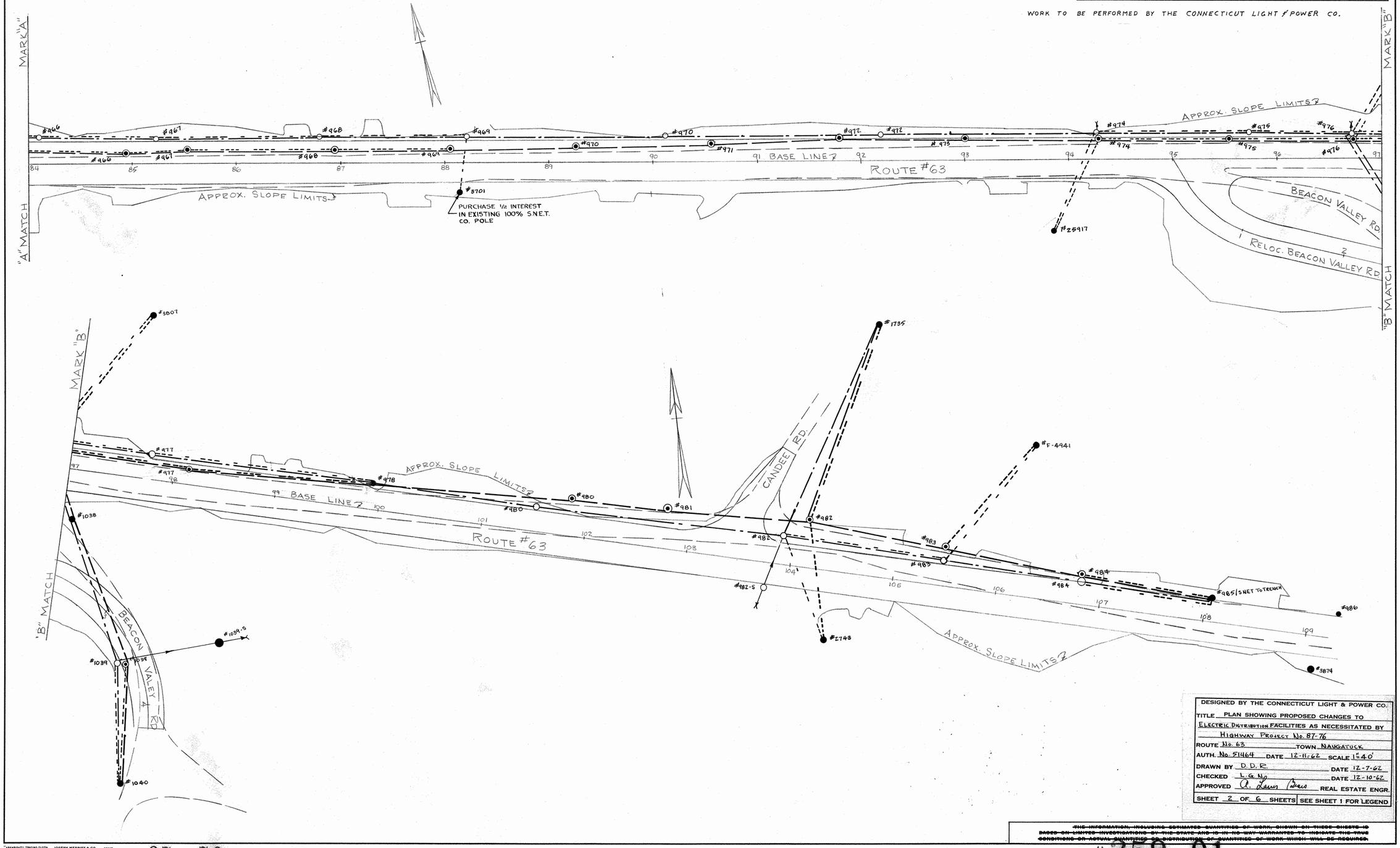
SHEET NO.:
06.22

LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

FORM NO. ENG. 11 ED. 6-60

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-55(6)	87-76	1964	63	S-2	

WORK TO BE PERFORMED BY THE CONNECTICUT LIGHT & POWER CO.



DESIGNED BY THE CONNECTICUT LIGHT & POWER CO.

TITLE PLAN SHOWING PROPOSED CHANGES TO ELECTRIC DISTRIBUTION FACILITIES AS NECESSITATED BY HIGHWAY PROJECT No. 87-76

ROUTE No. 63 TOWN NAUGATUCK

AUTH. No. 51464 DATE 12-11-62 SCALE 1"=40'

DRAWN BY D. D. R. DATE 12-7-62

CHECKED L. G. N. DATE 12-10-62

APPROVED R. Lewis Bass REAL ESTATE ENGR.

SHEET 2 OF 6 SHEETS | SEE SHEET 1 FOR LEGEND

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

"ARKNIGHT" TRACING CLOTH JOSEPH MERRITT & CO. 66668

87 76

M 359 01

C-2

PLAN
NOTE BOOK NO.____
Surveyed
Plotted
Traced
Designed
New Const. Noted
Top. Field Chk. noted

REV.	DATE	REVISION DESCRIPTION	BY	DATE	CHECKED BY	DATE

SIGNATURE BLOCK:

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DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:

REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):

NAUGATUCK

DRAWING TITLE:

CONN. LIGHT & POWER CO.

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-23**

SHEET NO.: **06.23**

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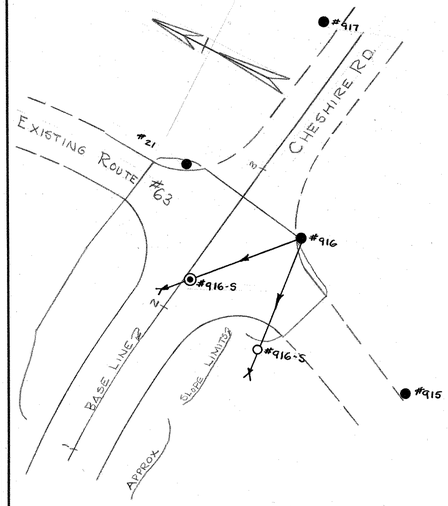
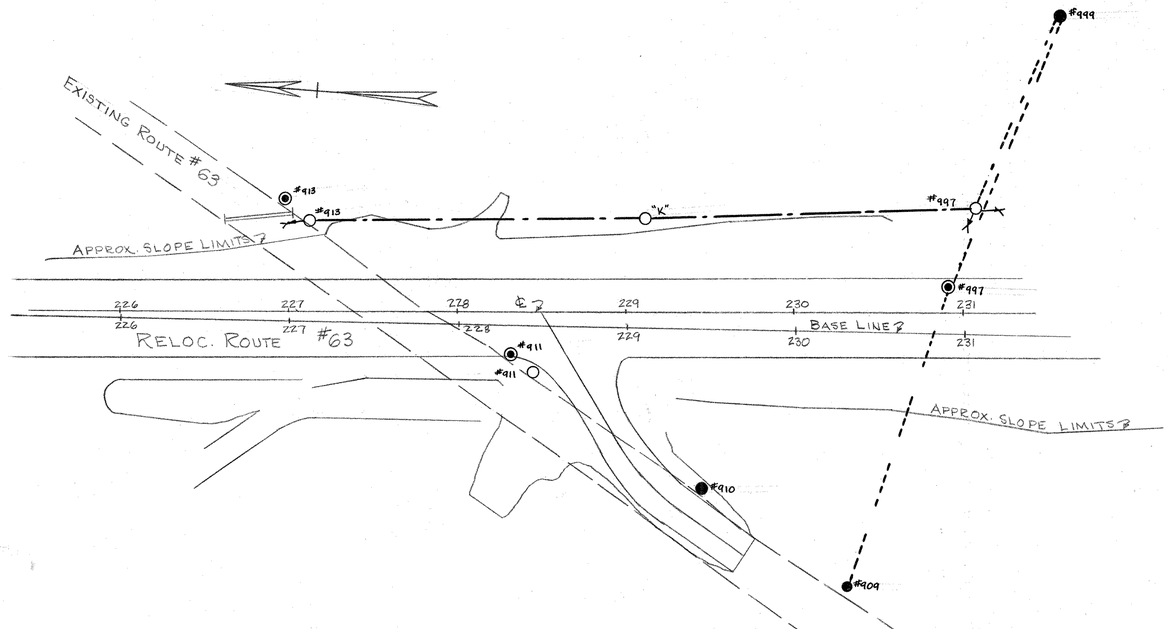
PLOTTED DATE: 5/6/2025

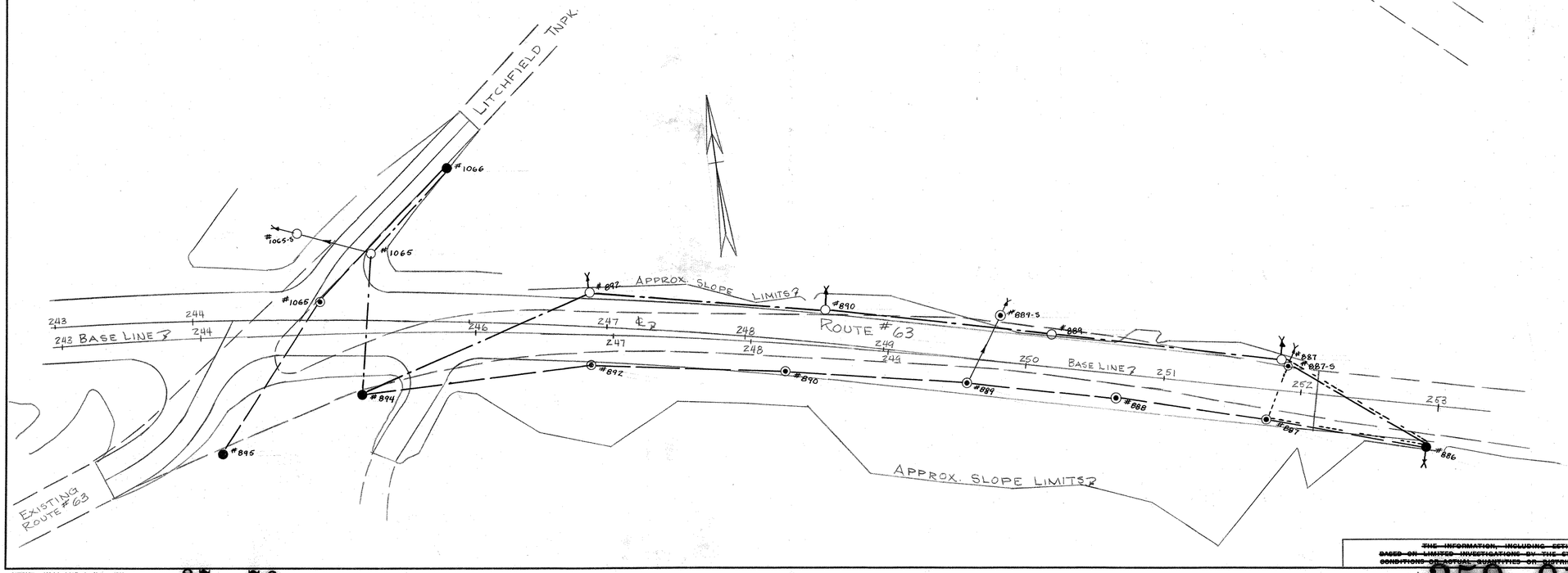
FORM NO. ENG. 11 ED 9-59

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	BETHANY	F-55(6)	87-76	1964	63	C-6	

WORK TO BE PERFORMED BY THE CONNECTICUT LIGHT & POWER CO.







DESIGNED BY THE CONNECTICUT LIGHT & POWER CO.

TITLE PLAN SHOWING PROPOSED CHANGES TO ELECTRIC DISTRIBUTION FACILITIES AS NECESSITATED BY HIGHWAY PROJECT No. 87-76

ROUTE No. 63 TOWN BETHANY

AUTH. No. 51464 DATE 12-11-62 SCALE 1" = 40'

DRAWN BY D.D.R. DATE 12-7-62

CHECKED L.G.N. DATE 12-10-62

APPROVED A. Lawrence Brid REAL ESTATE ENGR.

SHEET 6 OF 6 SHEETS | SEE SHEET 1 FOR LEGEND

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 DESCRIPTION OF QUANTITIES OF WORK WHICH WILL BE REQUIRED.

M 359 01

C-6

87 76

PLAN
NOTE BOOK
NO.

Surveyed
Plotted
Traced
Designed
New Const. Noted
Top. Field Chk. noted

BY	DATE	CHECKED BY	DATE

REVISION DESCRIPTION

DIETZGEN 131 Arkwright Tracing Cloth 6762

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CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
CONN. LIGHT & POWER CO.

PROJECT NO.:
0087-0148

DRAWING NO.:
EP-24

SHEET NO.:
06.24

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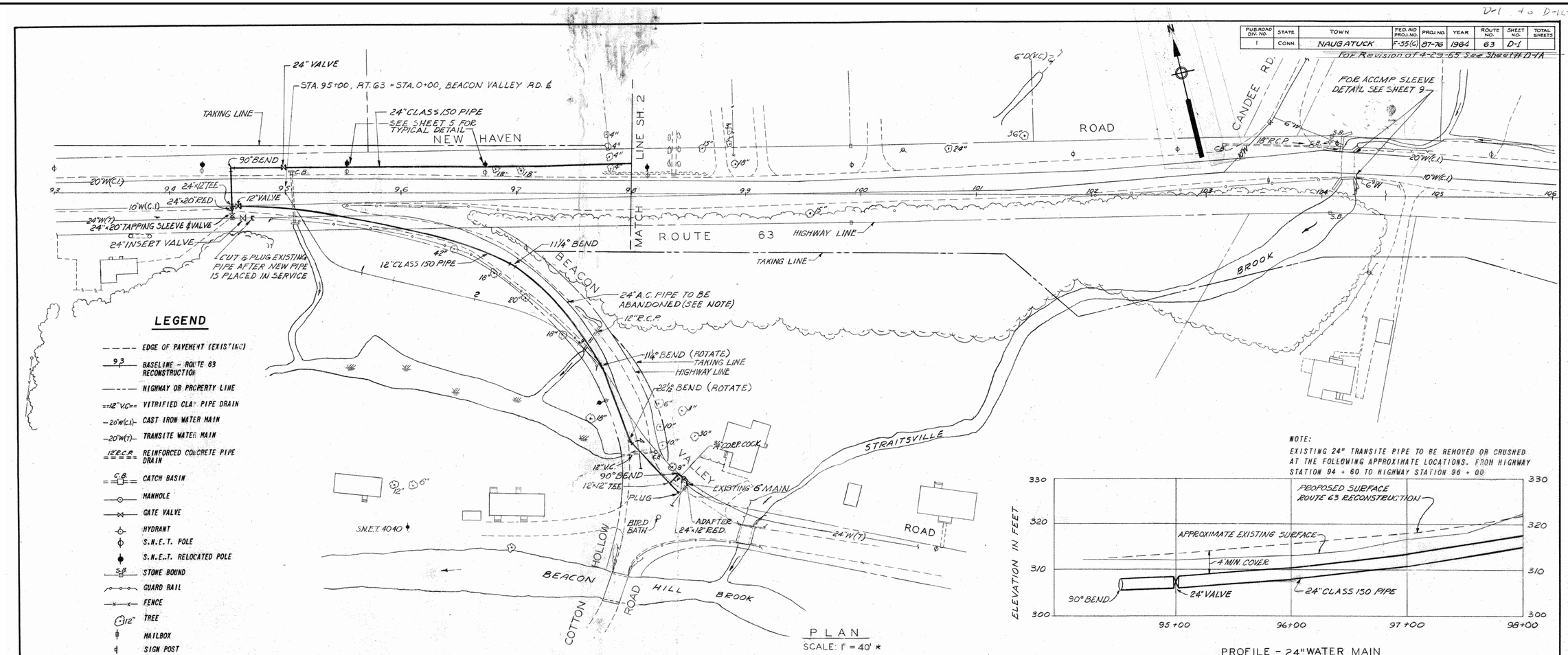
PLOTTED DATE: 5/6/2025

D-1 to D-14

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-55(4)	87-76	1964	63	D-1	

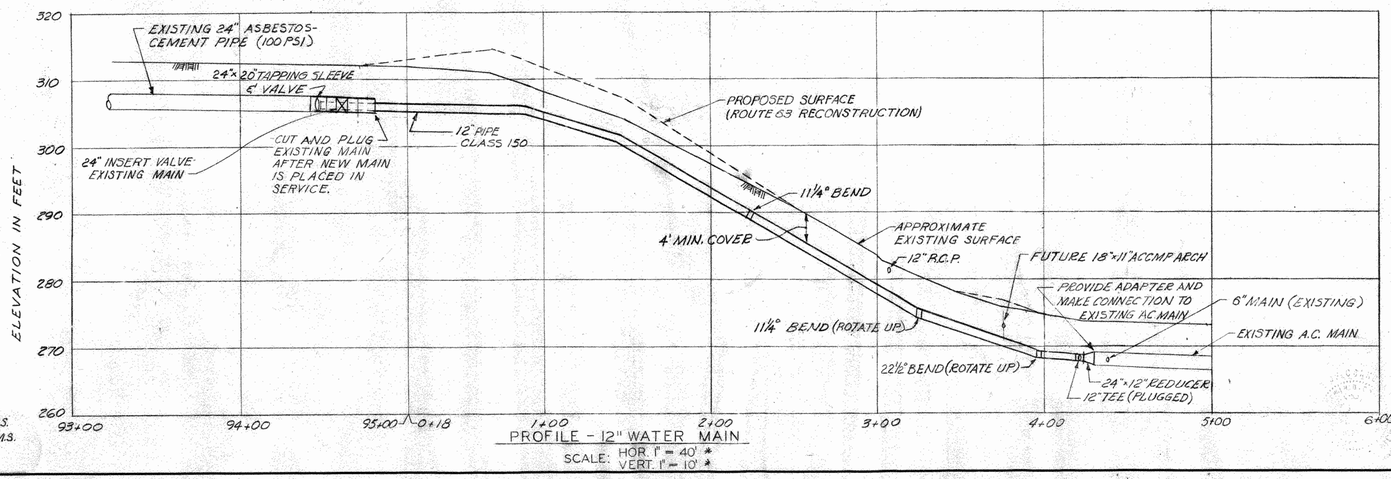
For Revision of 4-29-65 See Sheet #D-1A



LEGEND

- EDGE OF PAVEMENT (EXISTING)
- 9,3 BASELINE – ROUTE 63 RECONSTRUCTION
- HIGHWAY OR PROPERTY LINE
- =12" V.C.= VITRIFIED CLAY PIPE DRAIN
- –20" W(C.I.)– CAST IRON WATER MAIN
- –20" W(T)– TRANSITE WATER MAIN
- 12" R.C.P. REINFORCED CONCRETE PIPE DRAIN
- C.B. CATCH BASIN
- MANHOLE
- GATE VALVE
- HYDRANT
- S.N.E.T. POLE
- S.N.E.T. RELOCATED POLE
- S.B. STONE BOUND
- GUARD RAIL
- FENCE
- 12" TREE
- MAILBOX
- SIGN POST

PLAN
SCALE: 1" = 40' *



PROFILE – 12" WATER MAIN
SCALE: HOR. 1" = 40' *
VERT. 1" = 10' *

PROFILE – 24" WATER MAIN
SCALE: HOR. 1" = 40' *
VER. 1" = 10' *

NOTE:
EXISTING 24" TRANSITE PIPE TO BE REMOVED OR CRUSHED AT THE FOLLOWING APPROXIMATE LOCATIONS. FROM HIGHWAY STATION 94 + 60 TO HIGHWAY STATION 96 + 00

NOTES:
1. FOR GENERAL NOTES SEE SHEET 10
2. FOR TYPICAL PIPELINE TRENCH DETAIL SEE SHEET 10
3. FOR THRUST BLOCK DETAILS SEE SHEET 9
4. FOR GATE VALVE DETAIL SEE SHEET 9

40 0 40 80
SCALE IN FEET
SCALE: 1" = 40' *

10 0 10 20
SCALE IN FEET
SCALE: 1" = 10' *

* DOES NOT APPLY IF DRAWING SIZE 270 HAS BEEN CHANGED BY REPRODUCTION.

REVISION	MADE BY	CHECKED BY	DESCRIPTION

APPROVED
FOR METCALF & EDDY, ENGINEERS
Edwin B. Cobb 9/11/63
REG. PROF. ENGR. CONN. NO. 3396 DATE

THE CONNECTICUT WATER COMPANY
NAUGATUCK DIVISION

WATER MAIN RELOCATIONS
ROUTE 63

STA. 93+00 TO STA. 98+00
NEW HAVEN ROAD

SCALE: AS SHOWN NOV., 1962

METCALF & EDDY
ENGINEERS
BOSTON, MASS.

43232 H 24610

SHEET 1 OF 10

DRAWN BY P.J.G.-R.M.S.
TRACED BY P.J.G.-R.M.S.
CHECKED BY T.J.

87 76

M 359 01

D-1

REVISION DESCRIPTION | DATE | REV.

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NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S): NAUGATUCK

DRAWING TITLE: THE CONNECTICUT WATER CO.

PROJECT NO.: 0087-0148

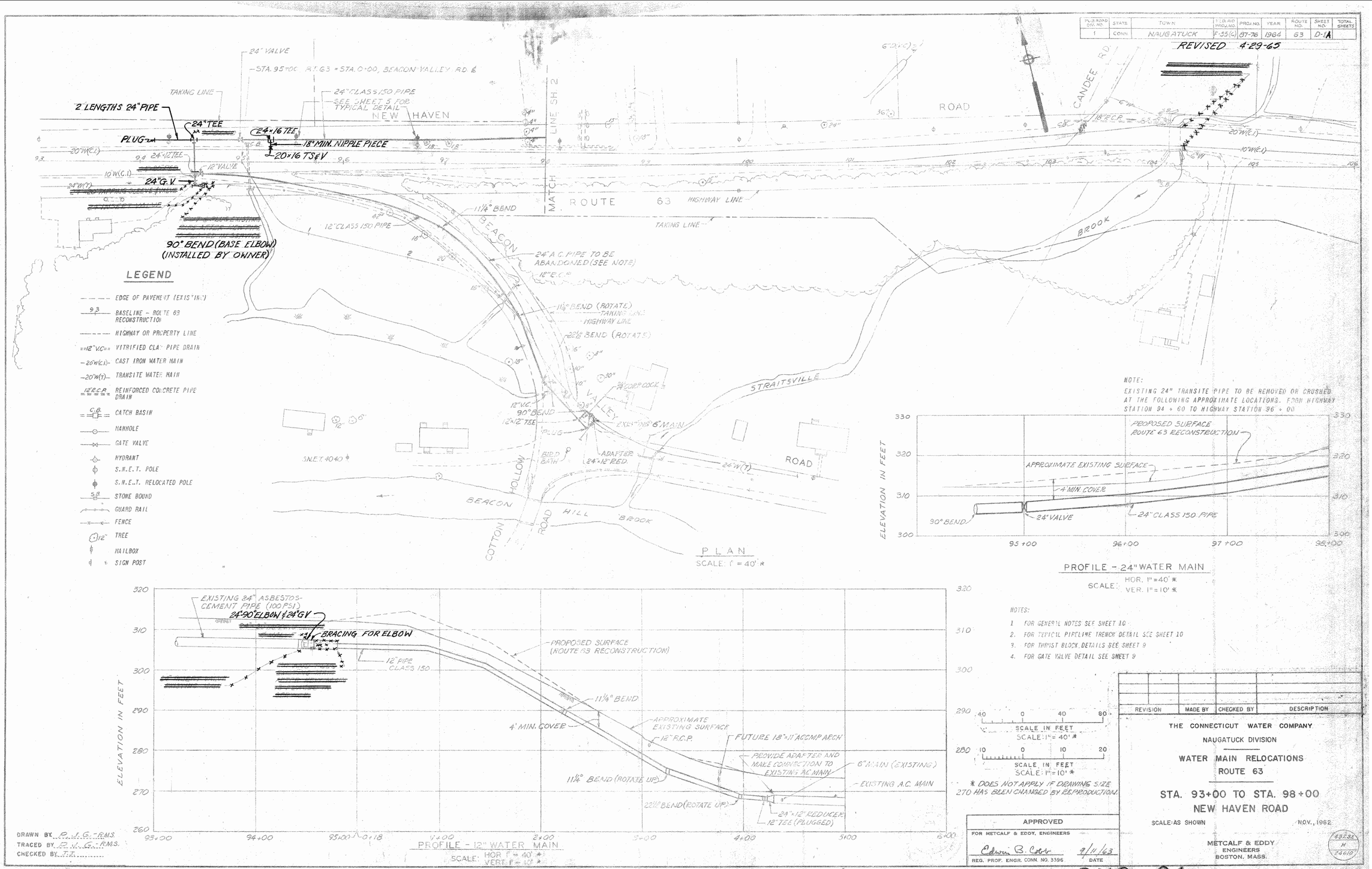
DRAWING NO.: EP-25

SHEET NO.: 06.25

LASTED SAVED BY: SoltysJ FILE NAME: C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

P.U.B.ROAD CIV. NO.	STATE	TOWN	F.A.-AID PROJ.NO.	PROJ.NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-55(6)	87-76	1964	63	D-1A	

REVISED 4-29-65



PLAN
SCALE: 1" = 40' *

NOTE:
EXISTING 24" TRANSITE PIPE TO BE REMOVED OR CRUSHED AT THE FOLLOWING APPROXIMATE LOCATIONS. FROM HIGHWAY STATION 94 + 60 TO HIGHWAY STATION 96 + 00

PROFILE - 24" WATER MAIN
SCALE: HOR. 1" = 40' *
VER. 1" = 10' *

PROFILE - 12" WATER MAIN
SCALE: HOR 1" = 40' *
VERT 1" = 10' *

NOTES:
1. FOR GENERAL NOTES SEE SHEET 10
2. FOR TYPICAL PIPELINE TRENCH DETAIL SEE SHEET 10
3. FOR THRUST BLOCK DETAILS SEE SHEET 9
4. FOR GATE VALVE DETAIL SEE SHEET 9

SCALE IN FEET
SCALE: 1" = 40' *

SCALE IN FEET
SCALE: 1" = 10' *

* DOES NOT APPLY IF DRAWING SIZE 270 HAS BEEN CHANGED BY REPRODUCTION.

REVISION	MADE BY	CHECKED BY	DESCRIPTION

THE CONNECTICUT WATER COMPANY
NAUGATUCK DIVISION

WATER MAIN RELOCATIONS
ROUTE 63

STA. 93+00 TO STA. 98+00
NEW HAVEN ROAD

SCALE: AS SHOWN
NOV., 1962

APPROVED
FOR METCALF & EDDY, ENGINEERS
Edwin B. Cobb
REG. PROF. ENGR. CONN. NO. 3396
9/11/63
DATE

METCALF & EDDY
ENGINEERS
BOSTON, MASS.

43236 M 24610

SHEET 1 OF 10

DRAWN BY P.J.G.-R.M.S.
TRACED BY P.J.G.-R.M.S.
CHECKED BY T.F.

87 76

M 359 01

D-1

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:
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NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
THE CONNECTICUT WATER CO.

PROJECT NO.: **0087-0148**

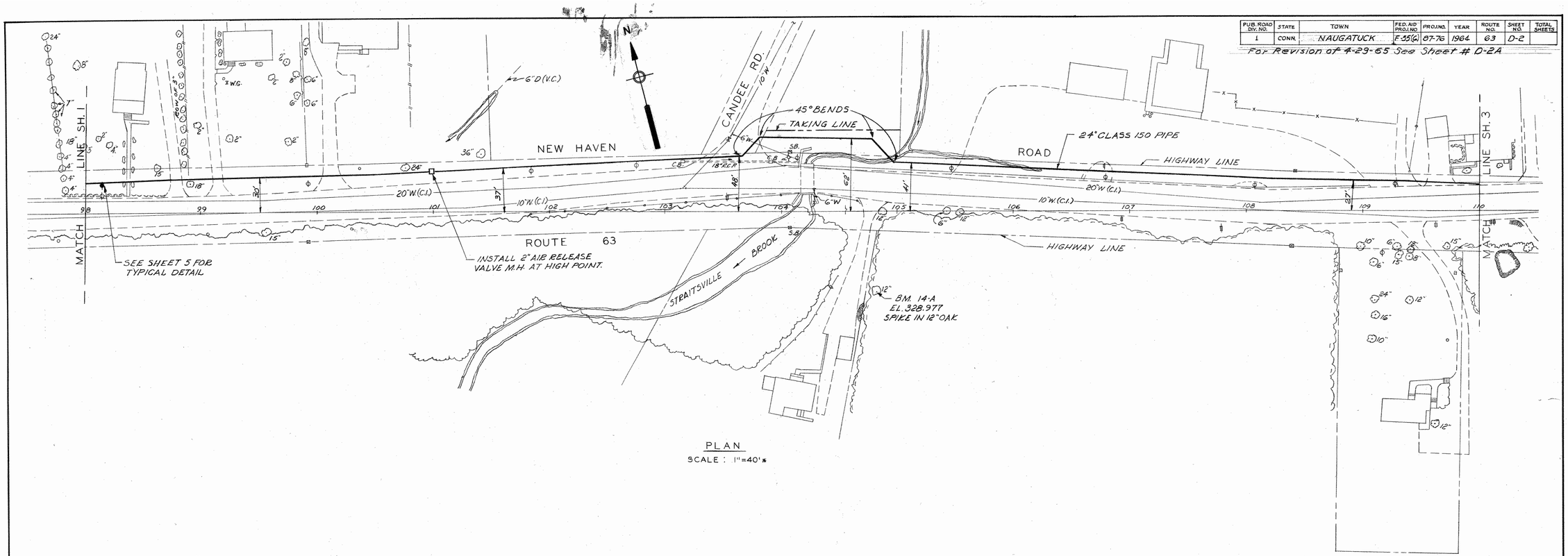
DRAWING NO.: **EP-26**

SHEET NO.: **06.26**

LASTED SAVED BY: SoltysJ **FILE NAME:** C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

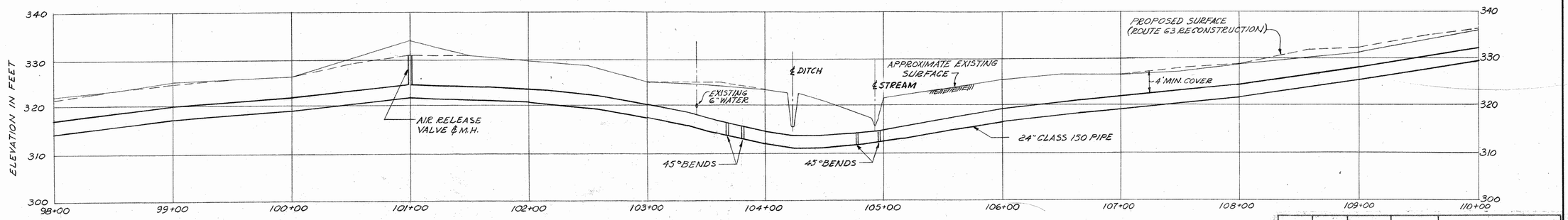
PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-55(4)	87-76	1964	63	D-2	

For Revision of 4-29-65 See Sheet # D-2A



PLAN

SCALE : 1"=40'*



PROFILE

SCALE: HOR. 1"= 40' *
VERT. 1"= 10' *

NOTES:

1. FOR LEGEND SEE SHEET 1
2. FOR GENERAL NOTES SEE SHEET 10
3. FOR TYPICAL PIPELINE TRENCH DETAIL SEE SHEET 10
4. FOR AIR RELEASE VALVE MANHOLE DETAIL SEE SHEET 10
5. FOR THRUST BLOCK DETAILS SEE SHEET 9

40 0 40 80
SCALE IN FEET
SCALE: 1" = 40'*

10 0 10 20
SCALE IN FEET
SCALE 1" = 10' *

* DOES NOT APPLY IF DRAWING SIZE HAS BEEN CHANGED BY REPRODUCTION.

REVISION	MADE BY	CHECKED BY	DESCRIPTION

THE CONNECTICUT WATER COMPANY

NAUGATUCK DIVISION

WATER MAIN RELOCATIONS

ROUTE 63

STA. 98+00 TO STA. 110+00

NEW HAVEN ROAD

SCALE, AS SHOWN NOV., 1962

METCALF & EDDY
ENGINEERS
BOSTON, MASS.

43233 H 24611

APPROVED

FOR METCALF & EDDY, ENGINEERS

Edwin B. Cook 9/10/63

REG. PROF. ENGR. CONN. NO. 3396 DATE

DRAWN BY D.O.C.
TRACED BY D.O.C.
CHECKED BY J.J.

87 76

M 359 01

D-2

SHEET 2 OF 10

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:

FOR INFORMATION ONLY

DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S):
NAUGATUCK

DRAWING TITLE:
THE CONNECTICUT WATER CO.

PROJECT NO.: 0087-0148

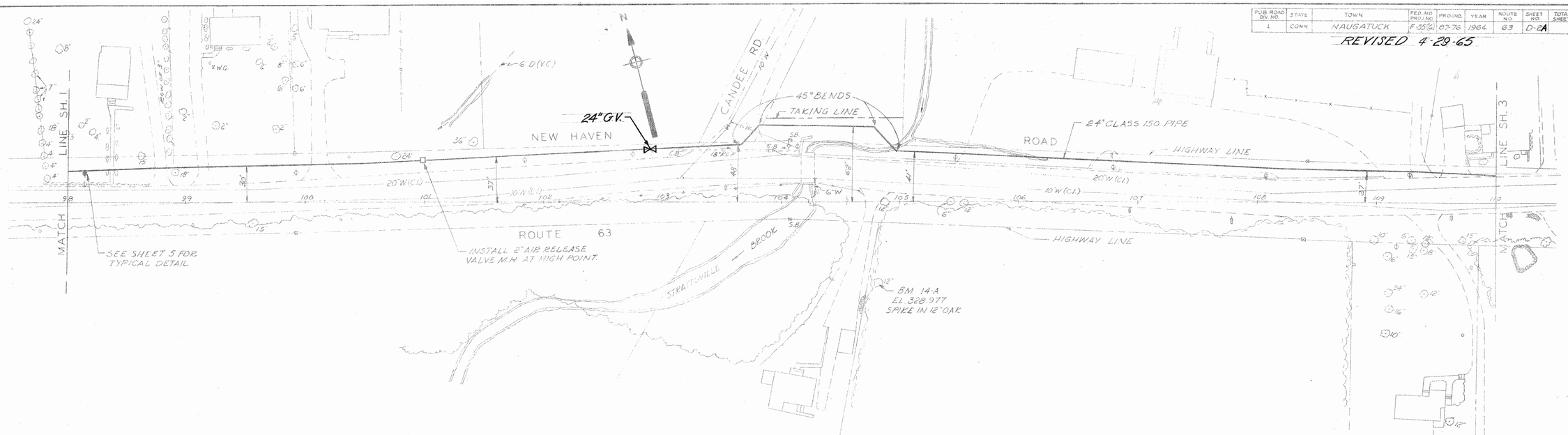
DRAWING NO.: EP-27

SHEET NO.: 06.27

LASTED SAVED BY: SoltysJ FILE NAME: C:\Users\soltysj\State of Connecticut\0087-0148 - Design\Bridge\Contract_Plans\FDP\06-Existing_Plans_FIO\EP-XX_XX.dgn
PLOTTED DATE: 5/6/2025

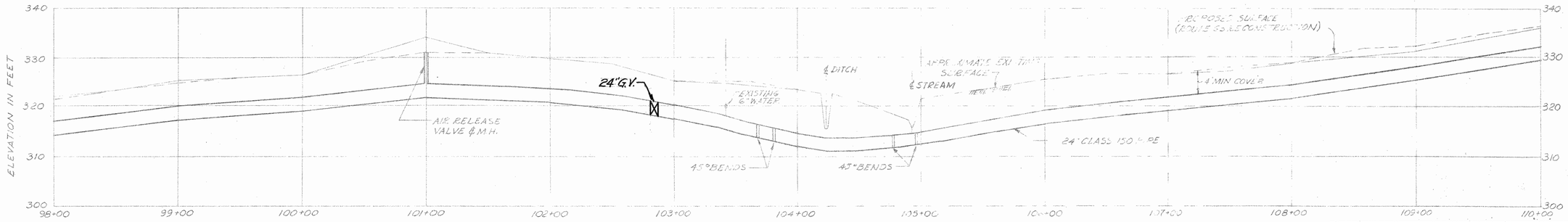
PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	NAUGATUCK	F-255(6)	87-76	1964	63	D-2A	

REVISED 4-28-65



PLAN

SCALE: 1" = 40' *



PROFILE

SCALE: HOR. 1" = 40' *
VERT. 1" = 10' *

NOTES:

1. FOR LEGEND SEE SHEET 1
2. FOR GENERAL NOTES SEE SHEET 10
3. FOR TYPICAL PIPELINE TRENCH DETAIL SEE SHEET 10
4. FOR AIR RELEASE VALVE MANHOLE DETAIL SEE SHEET 10
5. FOR THRUST BLOCK DETAILS SEE SHEET 9

40 0 40 80
SCALE IN FEET
SCALE: 1" = 40' *

10 0 10 20
SCALE IN FEET
SCALE 1" = 10' *

* DOES NOT APPLY IF DRAWING SIZE HAS BEEN CHANGED BY REPRODUCTION.

REVISION	MADE BY	CHECKED BY	DESCRIPTION

APPROVED

FOR METCALF & EDDY, ENGINEERS

Edwin B. Cobb — 2/11/63

REG. PROF. ENGR. CONN. NO. 3396 — DATE

THE CONNECTICUT WATER COMPANY

NAUGATUCK DIVISION

WATER MAIN RELOCATIONS
ROUTE 63

STA. 98+00 TO STA. 110+00

NEW HAVEN ROAD

SCALE, AS SHOWN — NOV., 1962

METCALF & EDDY
ENGINEERS
BOSTON, MASS.

43233 H 26611

DRAWN BY D.O.C.
TRACED BY D.O.C.
CHECKED BY T.T.

87 76

M 359 01

D-2

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK: FOR INFORMATION ONLY

DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK

TOWN(S): NAUGATUCK

DRAWING TITLE: THE CONNECTICUT WATER CO.

PROJECT NO.: 0087-0148

DRAWING NO.: EP-28

SHEET NO.: 06.28

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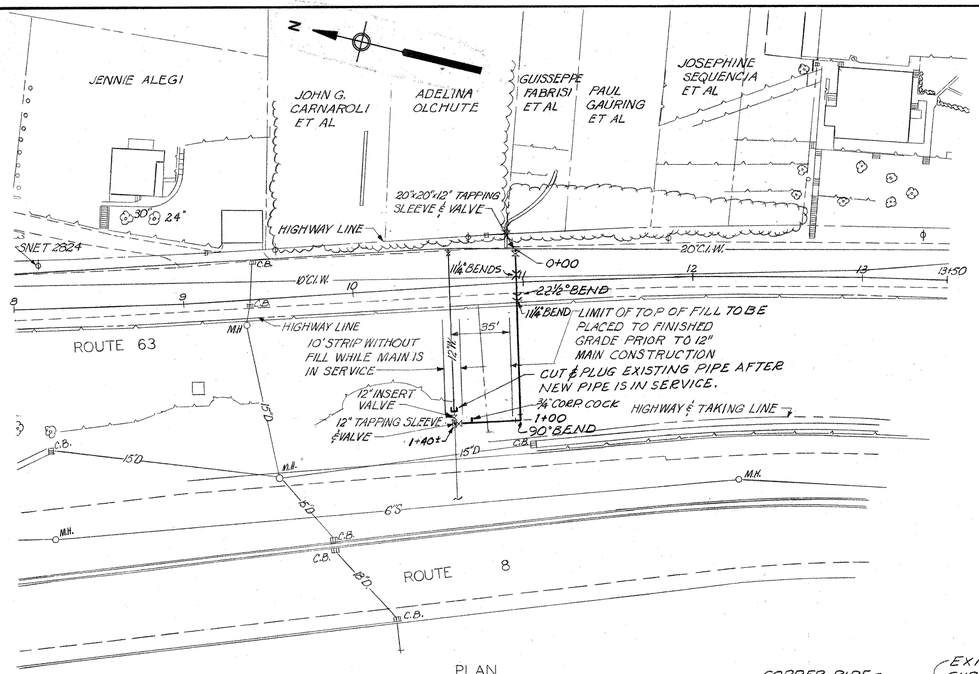
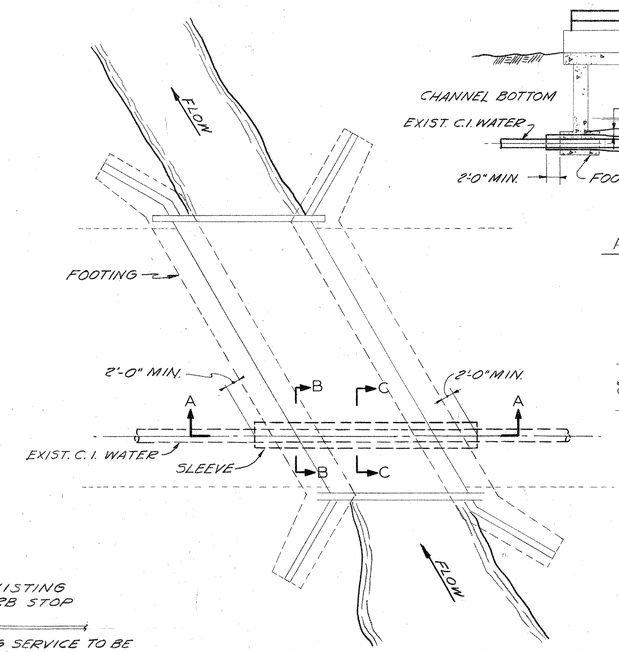
PLOTTED DATE: 5/6/2025

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	BETHANY	F-55(6)	87-76	1964	63	D-9	

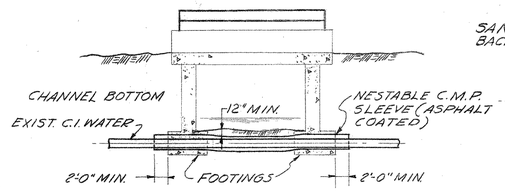


PLAN

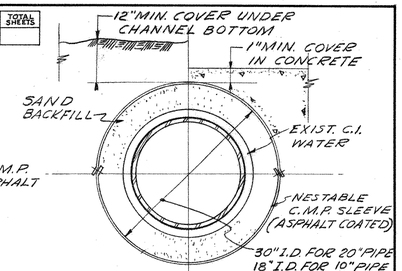
SCALE: 1"=40'*



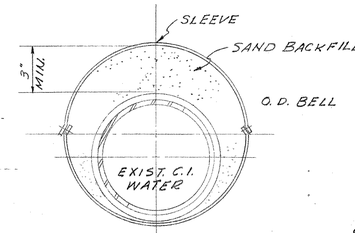
TYPICAL PLAN AT BRIDGES



A - A

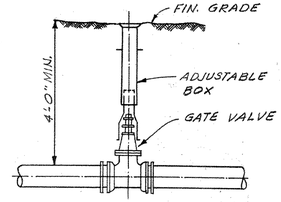


TYPICAL SLEEVE SECTION



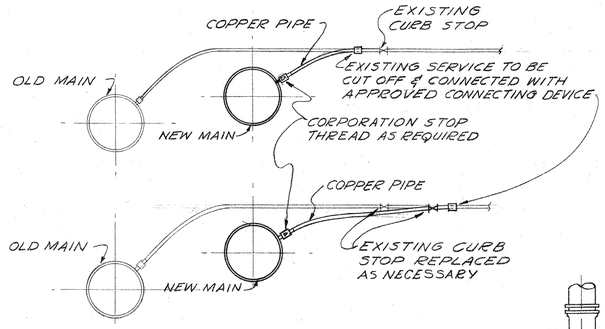
B - B

SLEEVE SECTION AT FOOTINGS

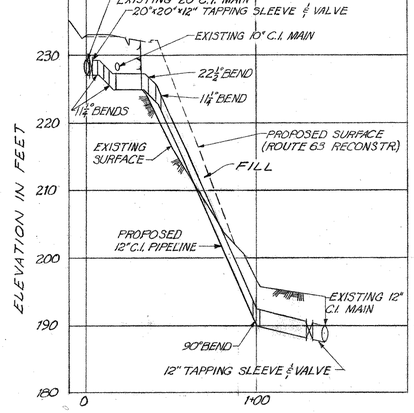


TYPICAL GATE VALVE

NOT TO SCALE

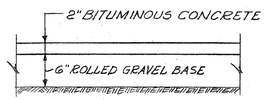


TYPICAL HOUSE CONNECTION TRANSFER
(BY OWNER)
NO SCALE



PROFILE - 12" C.I. PIPE RELOCATION

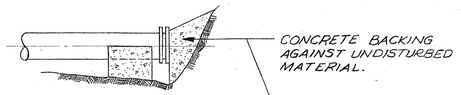
SCALE: HOR. 1"=40' *
VERT. 1"=10' *



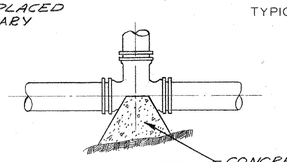
TEMPORARY PAVEMENT SECTION
NOT TO SCALE

DETAIL OF BRIDGE & CULVERT SLEEVES

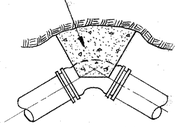
NOT TO SCALE



TYPICAL PLUG
ELEVATION



TYPICAL TEE
PLAN VIEW



TYPICAL BEND
PLAN VIEW

NOTES:

1. FOR LEGEND SEE SHEET 1
2. FOR GENERAL NOTES SEE SHEET 10
3. FOR TYPICAL PIPELINE TRENCH DETAIL SEE SHEET 10
4. FOR GATE VALVE DETAIL SEE SHEET 9

* SEE GENERAL NOTE NO. 15 ON SHEET 10

AREA OF BEARING FACE OF CONCRETE THRUST BLOCKS
CAST-IRON MAINS

PIPE SIZE IN.	AREA OF BEARING FACE-SQ. FT. 90° BEND STANDARD MECH. JOINT	45° BEND STANDARD MECH. JOINT	PLUGS & TEES STANDARD MECH. JOINT
6,8	3	3	3
10	4	3	3
12	6	3	4
16	11	4	7
20	18	8	12
24	27	12	18

CONCRETE BACKING FOR WATER PIPE*
SCALE: NONE

40 0 40 80
SCALE IN FEET
SCALE: 1"=40' *

10 0 10 20
SCALE IN FEET
SCALE: 1"=10' *

* DOES NOT APPLY IF DRAWING SIZE HAS BEEN CHANGED BY REPRODUCTION

APPROVED
FOR METCALF & EDDY, ENGINEERS
Edwin B Cobb 9/11/63
REG. PROF. ENGR. CONN. NO. 3396 DATE

REVISION	MADE BY	CHECKED BY	DESCRIPTION

THE CONNECTICUT WATER COMPANY
NAUGATUCK DIVISION

WATER MAIN RELOCATIONS
ROUTE 63

STA. 8+00 TO STA. 13+50
AND
MISCELLANEOUS DETAILS

SCALE: AS SHOWN NOV., 1962

METCALF & EDDY
ENGINEERS
BOSTON, MASS.

43240 H 24610

DRAWN BY RMS
TRACED BY R.M.S.
CHECKED BY J.J.

SHEET 9 OF 10

87 76

M359 01

D-9

PHOENIX 8766 B. L. H. INC.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:			PROJECT TITLE:	TOWN(S):	DRAWING TITLE:	PROJECT NO.:	DRAWING NO.:
FOR INFORMATION ONLY	NOT TO SCALE	CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION	REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK	NAUGATUCK	THE CONNECTICUT WATER CO.	0087-0148	EP-29
DESIGNER/DRAFTER: JJS CHECKED BY: NJM							SHEET NO.: 06.29

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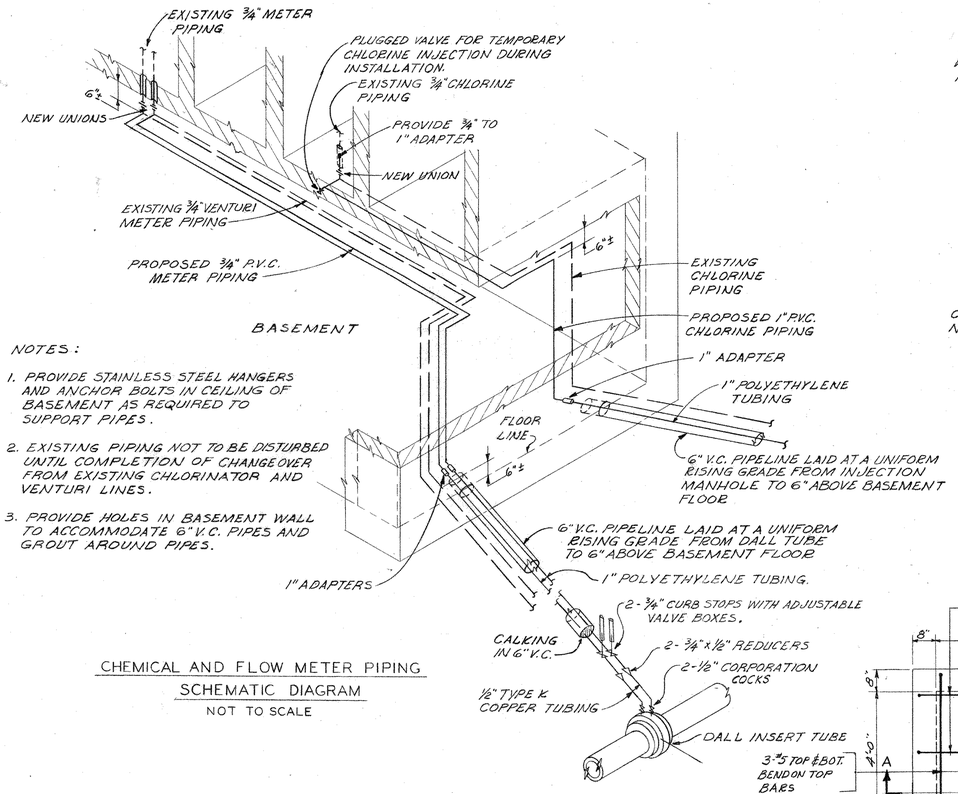
PLOTTED DATE: 5/6/2025

PUB. ROAD DIV. NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	BETHANY	F-55(6)	87-76	1964	63	D-10	

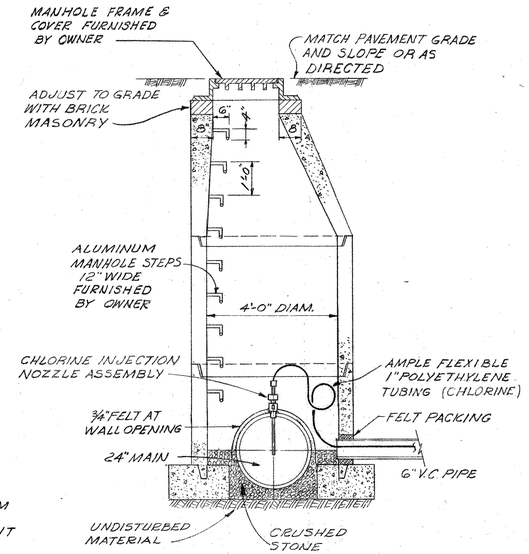
for Revision of 4-29-65 See Sheet # D-10A



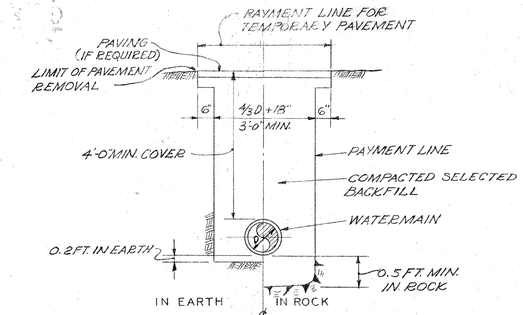
NOTES:

1. PROVIDE STAINLESS STEEL HANGERS AND ANCHOR BOLTS IN CEILING OF BASEMENT AS REQUIRED TO SUPPORT PIPES.
2. EXISTING PIPING NOT TO BE DISTURBED UNTIL COMPLETION OF CHANGEOVER FROM EXISTING CHLORINATOR AND VENTURI LINES.
3. PROVIDE HOLES IN BASEMENT WALL TO ACCOMMODATE 6" V.C. PIPES AND GROUT AROUND PIPES.

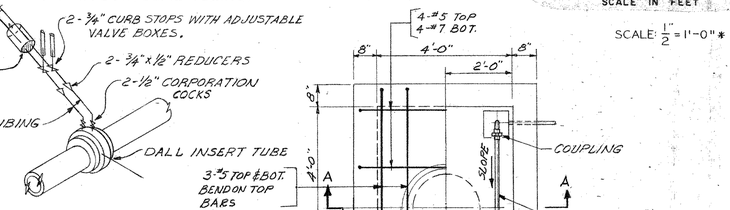
CHEMICAL AND FLOW METER PIPING
SCHEMATIC DIAGRAM
NOT TO SCALE



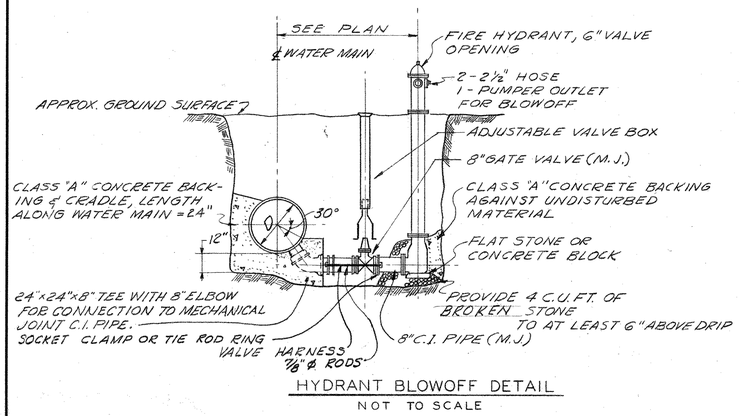
CHLORINE INJECTION
MANHOLE DETAIL
0 5
SCALE IN FEET
SCALE: 1/2" = 1'-0"*



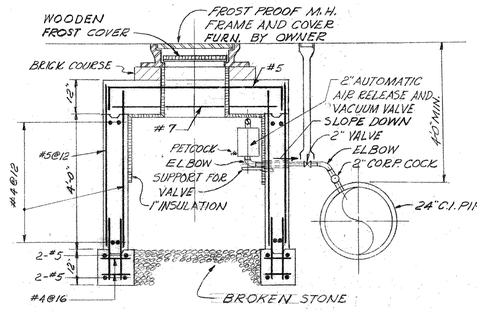
TYPICAL TRENCH DETAIL
NOT TO SCALE



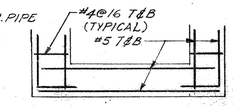
PLAN
AIR RELEASE VALVE MANHOLE
SCALE ½ 1'-0"*



HYDRANT BLOWOFF DETAIL
NOT TO SCALE



SECTION A-A
SCALE 1/2" = 1'-0"*



PART PLAN OF FOOTING
NOT TO SCALE

GENERAL NOTES

1. PLANS & PROFILES WERE DERIVED FROM INFORMATION RECEIVED FROM THE CONNECTICUT STATE HIGHWAY DEPARTMENT. GROUND SURFACES SHOWN ARE APPROXIMATE ONLY.
2. LOCATIONS, SIZES AND ELEVATIONS OF EXISTING UTILITIES ARE BASED ON INFORMATION COMPILED FROM DRAWINGS AND TEST PIT DATA FURNISHED BY THE CONNECTICUT STATE HIGHWAY DEPARTMENT. THE ACCURACY OF THE INFORMATION IS NOT GUARANTEED AND MAY BE APPROXIMATE ONLY.
3. THE APPROXIMATE LOCATION OF THE PROPOSED PIPELINE IS INDICATED ON THE PLANS AND PROFILES, BUT THE FINAL LOCATION WILL BE GOVERNED BY THE ACTUAL LOCATIONS OF UTILITIES, HIGHWAY LINES OR OTHER CONTROLLING FACTORS.
4. MINIMUM PIPE COVER SHALL BE 4' - 0" BELOW PROPOSED FINISHED GRADE EXCEPT AS OTHERWISE INDICATED.
5. EXCEPT WHERE OTHERWISE INDICATED, A 6" MINIMUM CLEARANCE SHALL BE PROVIDED BETWEEN THE EXTERIOR OF ALL WATER MAINS AND THE EXTERIOR OF OTHER UTILITIES AND STRUCTURES.
6. WHERE BENDS ARE REQUIRED, THE NEAREST STANDARD BEND SHALL BE USED. DEFLECTED JOINTS MAY BE USED TO COMPLETE THE REQUIRED ANGLE CHANGE.
7. INDICATED STATIONS ON THE PLAN AND PROFILE ARE THOSE OF THE CONNECTICUT STATE HIGHWAY DEPARTMENT.
8. PROFILE ELEVATIONS ARE IN FEET ABOVE U.S.G.S. MEAN SEA LEVEL DATUM. PROFILE STATIONING CORRESPONDS TO BASELINE STATIONING BUT PROFILE ELEVATIONS ARE THOSE OF PIPELINES AND GROUND SURFACE ABOVE PIPELINES DIRECTLY OPPOSITE THE STATION INDICATED RATHER THAN ALONG THE BASELINE.
8. ONLY FUTURE CULVERTS WHICH PASS OVER THE PROPOSED PIPELINE ARE INDICATED ON PROFILES.
10. TIE RODS AND SOCKET CLAMPS WHERE REQUIRED SHALL BE OBTAINED BY THE CONTRACTOR FROM AN APPROVED MANUFACTURER SPECIALIZING IN SUCH ARTICLES. TIE ROD SIZE AND ARRANGEMENT SHALL BE AS APPROVED BY THE ENGINEER.
11. TIE RODS, BRACKETS, TIE RINGS AND BOLTS SHALL BE GIVEN AN APPROVED COAL TAR ENAMEL COATING.
12. CONCRETE BACKING SHALL BE PROVIDED BEHIND ALL BENDS, PLUGS, TEES AND TAPPING SLEEVES. CONCRETE BACKING BEHIND TAPPING SLEEVES WILL BE PROVIDED BY THE CONNECTICUT WATER COMPANY.
13. TAPPING SLEEVES WITH VALVES AND INSERTION VALVES WILL BE FURNISHED AND INSTALLED BY THE OWNER.
14. FOR TEMPORARY PAVEMENT SECTION SEE SHEET 9
15. THRUST BLOCKS SHALL BE PROVIDED AT ALL HORIZONTAL AND VERTICAL BENDS WITH ANGULAR DEFLECTIONS OF 11¼° OR MORE. WHERE ELBOWS HAVING ANGULAR DEFLECTIONS OF 11¼° AND 22½° ARE USED, THRUST BLOCK AND ANCHOR BLOCK DIMENSIONS SHALL BE AS SPECIFIED FOR 45° BENDS.
16. EXISTING 20 AND 24 INCH TRANSITE PIPE WITHIN LIMITS OF PROPOSED PAVING TO BE UNCOVERED AND THEN REMOVED OR CRUSHED.
17. THE MAJORITY OF MATERIALS REQUIRED WILL BE FURNISHED BY THE OWNER AS INDICATED ON THE DRAWINGS OR AS SPECIFIED.

REVISION	MADE BY	CHECKED BY	DESCRIPTION

THE CONNECTICUT WATER COMPANY
NAUGATUCK DIVISION
WATER MAIN RELOCATIONS
ROUTE 63

MISCELLANEOUS DETAILS

SCALE: AS SHOWN NOV. ,1962

METCALF & EDDY
ENGINEERS
BOSTON, MASS.

43241 H 24619

*DOES NOT APPLY IF DRAWING SIZE HAS BEEN CHANGED BY REPRODUCTION.

APPROVED
FOR METCALF & EDDY, ENGINEERS
Edwin B. Cobb 9/11/63
REG. PROF. ENGR. CONN. NO. 5396 DATE

DRAWN BY D.O.C.
TRACED BY D.O.C.
CHECKED BY J.J.

87 76

M 359 01

SHEET 10 OF 10
D-10

PHOENIX 8100 © 1960 by B. L. M. INC. 60060

REVISION DESCRIPTION | DATE | REV.

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DESIGNER/DRAFTER: JJS CHECKED BY: NJM	CONNECTICUT DEPARTMENT OF TRANSPORTATION					SHEET NO.: 06.30

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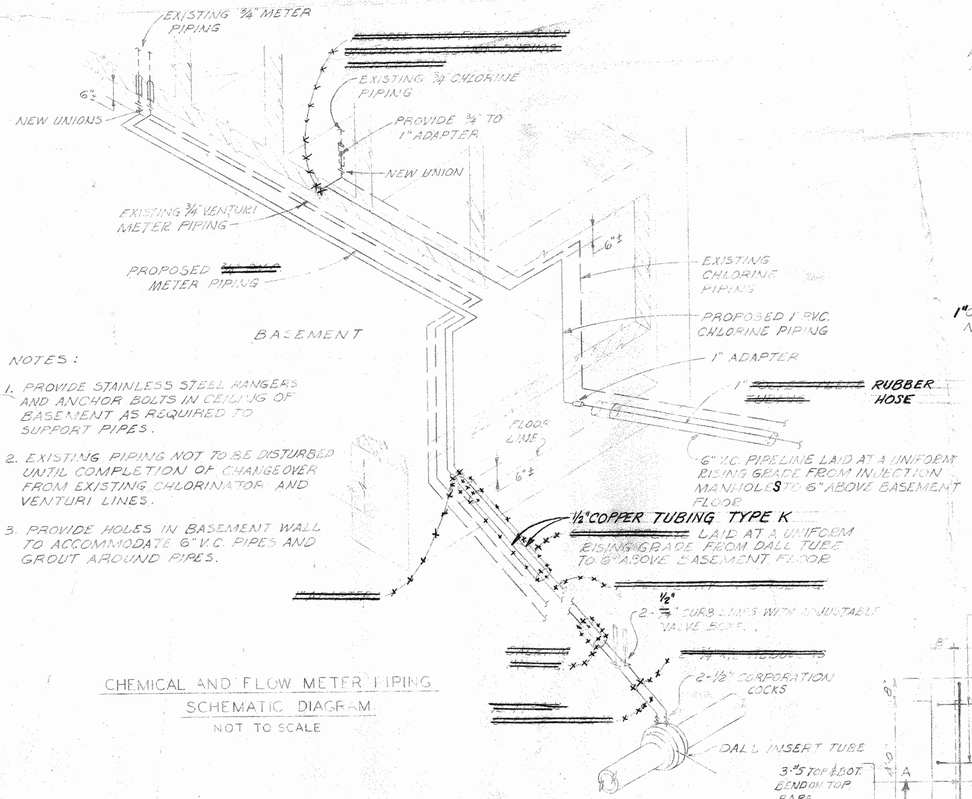
PLOTTED DATE: 5/6/2025

PLAN NO.	CONN	BETHANY	F-55(6)	87-76	1964	63	D-R-A

REVISED 4-29-65



CHEMICAL AND FLOW METER PIPING
SCHEMATIC DIAGRAM
NOT TO SCALE

NOTES:

1. PROVIDE STAINLESS STEEL HANGERS AND ANCHOR BOLTS IN CEILING OF BASEMENT AS REQUIRED TO SUPPORT PIPES.
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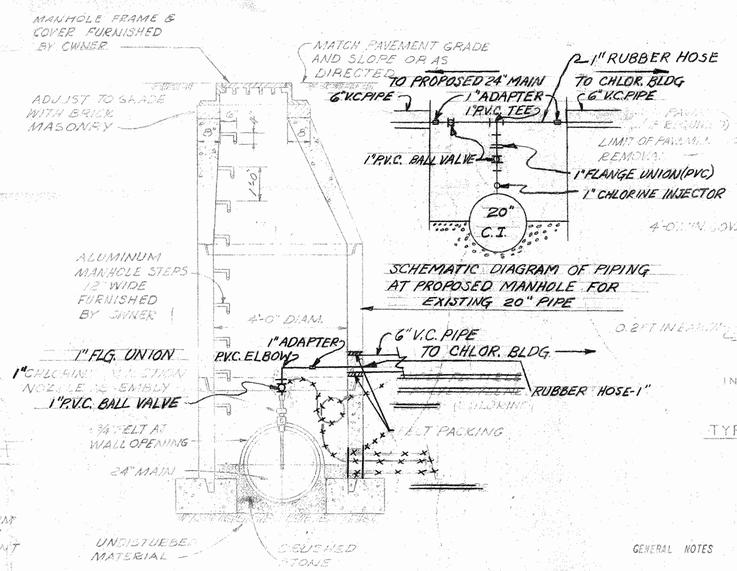
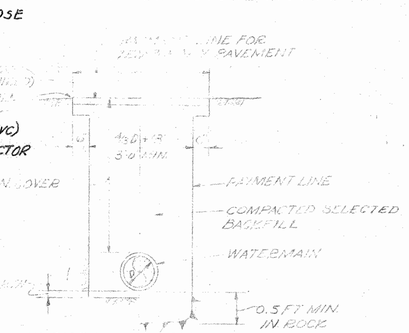
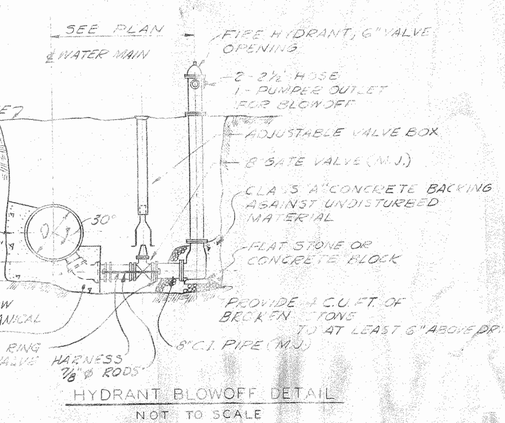


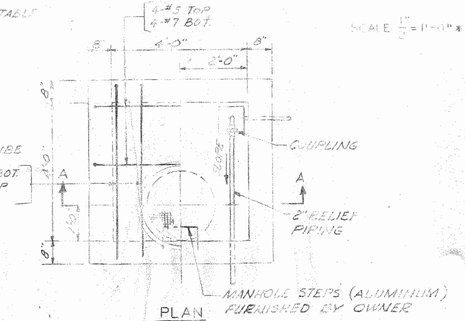
CHLORINE INJECTION MANHOLE DETAIL AT 24" PIPE
SCALE IN FEET
SCALE ½" = 1'-0" *



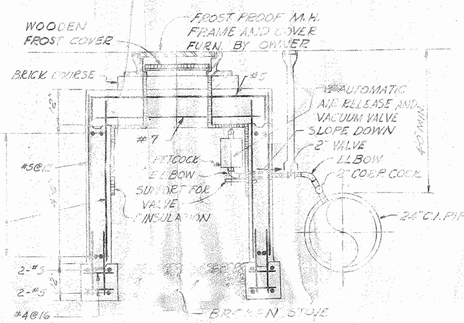
TYPICAL TRENCH DETAIL
NOT TO SCALE



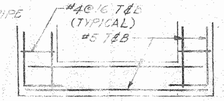
HYDRANT BLOWOFF DETAIL
NOT TO SCALE



PLAN
AIR RELEASE VALVE MANHOLE
SCALE ½" = 1'-0" *



SECTION A-A
SCALE 1/2" = 1'-0" *



PART PLAN OF FOOTING
NOT TO SCALE

GENERAL NOTES

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5. EXCEPT WHERE OTHERWISE INDICATED, A 6" MINIMUM CLEARANCE SHALL BE PROVIDED BETWEEN THE EXTERIOR OF ALL WATER MAINS AND THE EXTERIOR OF OTHER UTILITIES AND STRUCTURES.
6. WHERE BENDS ARE REQUIRED, THE NEAREST STANDARD BEND SHALL BE USED. DEFLECTED JOINTS MAY BE USED TO COMPLETE THE REQUIRED ANGLE CHANGE.
7. INDICATED STATIONS ON THE PLAN AND PROFILE ARE THOSE OF THE CONNECTICUT STATE HIGHWAY DEPARTMENT.
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15. THRUST BLOCKS SHALL BE PROVIDED AT ALL HORIZONTAL AND VERTICAL BENDS WITH ANGULAR DEFLECTIONS OF 11¼° OR MORE. WHERE ELBOWS HAVING ANGULAR DEFLECTIONS OF 11¼° AND 22½° ARE USED, THRUST BLOCK AND ANCHOR BLOCK DIMENSIONS SHALL BE AS SPECIFIED FOR 45° BENDS.
16. EXISTING 20 AND 24 INCH TRANSITE PIPE WITHIN LIMITS OF PROPOSED PAVING TO BE UNCOVERED AND THEN REMOVED OR CRUSHED.
17. THE MAJORITY OF MATERIALS REQUIRED WILL BE FURNISHED BY THE OWNER AS INDICATED ON THE DRAWINGS OR AS SPECIFIED.

*DOES NOT APPLY IF DRAWING SIZE HAS BEEN CHANGED BY REPRODUCTION

REVISION	MADE BY	CHECKED BY	DESCRIPTION

THE CONNECTICUT WATER COMPANY
NAUGATUCK DIVISION
WATER MAIN RELOCATIONS
ROUTE 63
MISCELLANEOUS DETAILS
SCALE: AS SHOWN

APPROVED
FOR METCALF & EDDY, ENGINEERS
Edwin B. Cotter 9/11/63
REG. PROF. ENGR. CONN. NO. 3396 DATE

METCALF & EDDY ENGINEERS BOSTON, MASS.

DRAWN BY: D.O.C.
TRACED BY: D.O.C.
CHECKED BY: T.J.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK: **FOR INFORMATION ONLY**
DESIGNER/DRAFTER: JJS CHECKED BY: NJM

NOT TO SCALE

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **REHABILITATION OF BRIDGE NO. 06772 CARRYING ROUTE 63 OVER STRAITSVILLE BROOK**

TOWN(S): **NAUGATUCK**

DRAWING TITLE: **THE CONNECTICUT WATER CO.**

PROJECT NO.: **0087-0148**

DRAWING NO.: **EP-31**

SHEET NO.: **06.31**

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