

LOCATION MAP

- PORTION TO BE IMPROVED
- STATE AND FEDERAL ROUTES
- OTHER ROADS
- DETOUR

DESIGN DESIGNATION

CURRENT A.D.T.	4178
DESIGN YEAR A.D.T.	11085
D.H.V. (@ 12% D.A.D.T.)	1330
D. (DIRECTIONAL DISTRIBUTION)	
T. (% B&C TRUCKS)	
V. (DESIGN SPEED)	55 mph

LOGAN COUNTY ENGINEERING DEPARTMENT

Bridge 130-1.43 BRIDGE REPLACEMENT Harrison Township August 2000 As-Built



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CONVENTIONAL SIGNS

- County Lines — — — — —
- Township Lines —————
- Section Lines - - - - -
- Corporation Line — — — — —
- Fence Line —X—X—X—
- Center Line — — — — —
- Right of Way ———RW———
- Existing Right of Way ———
- Property Line ———
- Railroad + + + + +

- Trees * Stumps & (remove) * /
- Utility Poles Telephone / Power /
- Light /
- Guardrail o o o

Plan Scale 1" = 20'
 Profile Scale Hort. 1" = 20'
 Vert. 1" = 5'
 Cross Section Scale 1" = 5'

1997 SPECIFICATIONS

EXCEPT WHERE OTHERWISE NOTED, THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, AND THE LOGAN COUNTY SPECIFICATIONS ISSUED WITH THE PROPOSAL, SHALL GOVERN THIS IMPROVEMENT.

WE THE COMMISSIONERS OF LOGAN COUNTY, OHIO IN FORMAL SESSION HEREBY APPROVE THESE PLANS AND CERTIFY THAT THE RIGHT OF WAY IS AVAILABLE. WE ALSO DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT DETOURS WILL BE PROVIDED AS INDICATED ON THE PLANS.

APPROVED _____
 APPROVED _____
 APPROVED _____
 DATE _____ COMMISSIONERS

APPROVED *Scott C. Ah*
 DATE 12-30-02 LOGAN COUNTY ENGINEER



STANDARD DRAWINGS

RW-1-63		

SUPPLEMENTAL SPECIFICATIONS

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITY PROTECTION SERVICE

W.D.# 2197
 DRAWN BY: JPT
 CHECKED BY: JLG
 TITLE SHEET
 Bridge 130-1.43
 JAMES K. COX P.E., P.S.
 LOGAN COUNTY ENGINEER
 1/8

1407 CR 130
 Bellefontaine, Ohio 43311
 28.90 Acres
 D.R. Vol. 393, Pg. 992 (tract 1)

Parcel No. 08-077-00-00-072
 Tom L. Taylor
 1229 CR 130
 Bellefontaine, Ohio 43311
 14.83 Acres
 D.B. Vol. 388, Pg. 537

Parcel No. 08-077-00-00-075
 Dan Ashcraft
 864 E. Sandusky St.
 Bellefontaine, Ohio 43311
 20.06 Acres
 (Original 20.00Ac. or 19.892Ac.)
 D.R. Vol. 140, Pg. 627

Parcel No. 08-077-00-00-076
 M Aaron Kite Etal
 1438 CR 130
 Bellefontaine, Ohio 43311
 3.5 Acres
 D.R. Vol. 269, Pg. 764

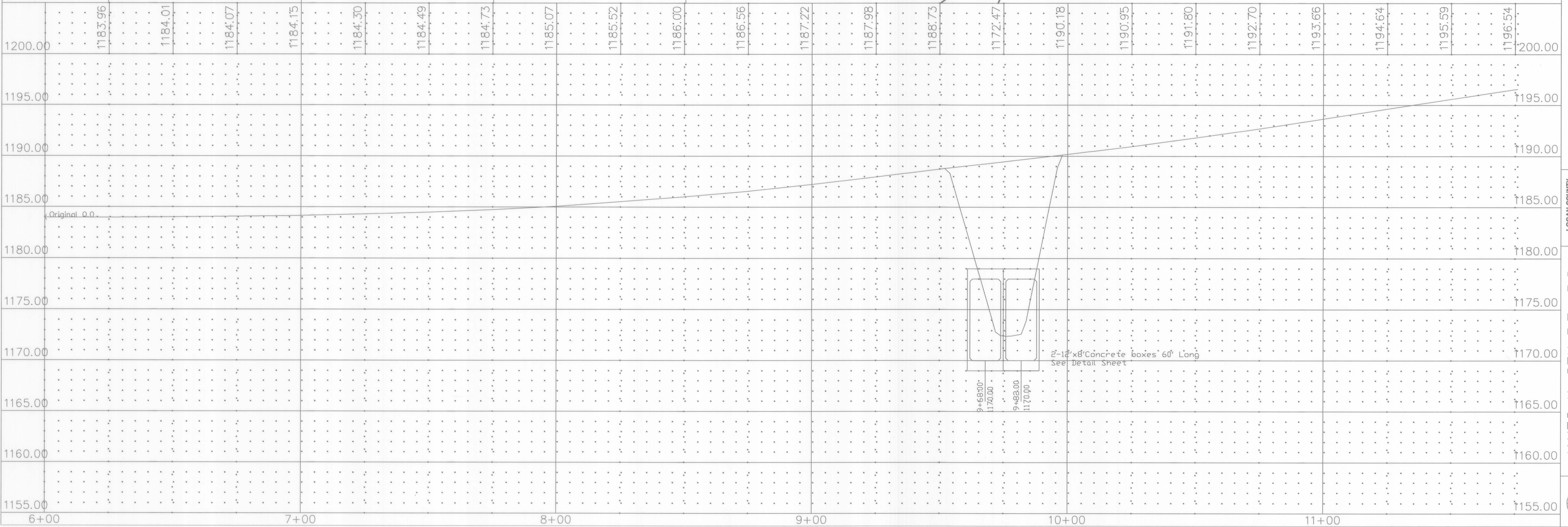
Bench Marks
 1. Bellefontaine 1934 located in McKinley Park, intersection of Garfield and Columbus. (in Bellefontaine) Use Elevation 1225.96
 2. P.K. Nail in Powerpole Elev. 1180.85
 3. P.K. Nail in Powerpole #069EH Elev. 1199.03

Existing Structure
 Twin Stone Arch
 26'-2" O/O
 Span: 2@14'-0" = 28'-0" total
 No Skew
 Built: 1930

Proposed Structure
 Two - 12'x8' Concrete Boxes, 60' long
 No Skew - see sheet No. 4 for details

Proposed Structure
 2 - 12'x8' concrete box 60' Long w/a 20'x32' drop box on the West end.

SCALES:
 1" = 20' HOR
 1" = 5' VER



WO# 2197

Designed By: Jennifer L. Ganson
 Engineering Tech. 2

DRAWN BY: JLG

CHECKED BY: James K. Cox P.E., P.S.

LOGAN COUNTY HIGHWAY DEPT.

PLAN AND PROFILE -
 Bridge 130-1.43 Harrison Twp.

LOGAN COUNTY ENGINEER'S OFFICE

JAMES K. COX P.E., P.S.
 LOGAN COUNTY ENGINEER

8/2

Bridge 130-1.43 Permanent Easement for Road Maintenance Purposes
 Harrison Township, Logan County, Ohio
 part of the N.E. quarter of Section 5, Town 3, Range 14.
 of the Between the Miami River Survey.

Bridge 130-1.43 Permanent Easement for Road Maintenance Purposes

The following described Permanent Easement for Road Maintenance Purposes is situated in Harrison Township, Logan County, Ohio and is part of the N.E. quarter of Section 5, Town 3, Range 14. of the Between the Miami Rivers Survey. Said permanent easement being part of Beverly J. Mellum's 28.90 acre tract, (O.R. Vol. 393; pg.992, tract 1) carried as parcel number 08-077-00-00-071 on the Logan County Auditors Duplicate and is more particularly described as follows:

Beginning for reference at a Mag Nail Set on the centerline of Logan County Road No. 130. Said Mag Nail being at Logan County Road No. 130 centerline station 0+00 (ref. R/W Plans L-27).

Thence with the centerline of Logan County Road No. 130, North 30°-00'-00" West, 953.00 feet to a point at station 9+53.00.

Thence perpendicular to the centerline of Logan County Road No.130, South 60°-00'-00" West, a distance of 30.00 feet to a point on the west Right of Way line of Logan County Road No. 130. Said point being the true point of beginning for this easement description.

Thence continuing, South 60°-00'-00" West, a distance of 22.00 feet to a point, said point being 52.00 feet left of Logan County Road No. 130 centerline station 9+53.00:

Thence parallel to the centerline of Logan County Road No. 130, North 30°- 00'-00" West a distance of 44.00 feet to a point, said point being 52.00 feet left of Logan County Road 130 centerline station 9+97.00;

Thence perpendicular to the centerline of Logan County Road No. 130, North 60°-00'-00" East, a distance of 22.00 feet to a point on the west Right of Way line of Logan County Road No. 130. Said point being 30.00 feet left of Logan County Road No. 130 centerline station 9+97.00:

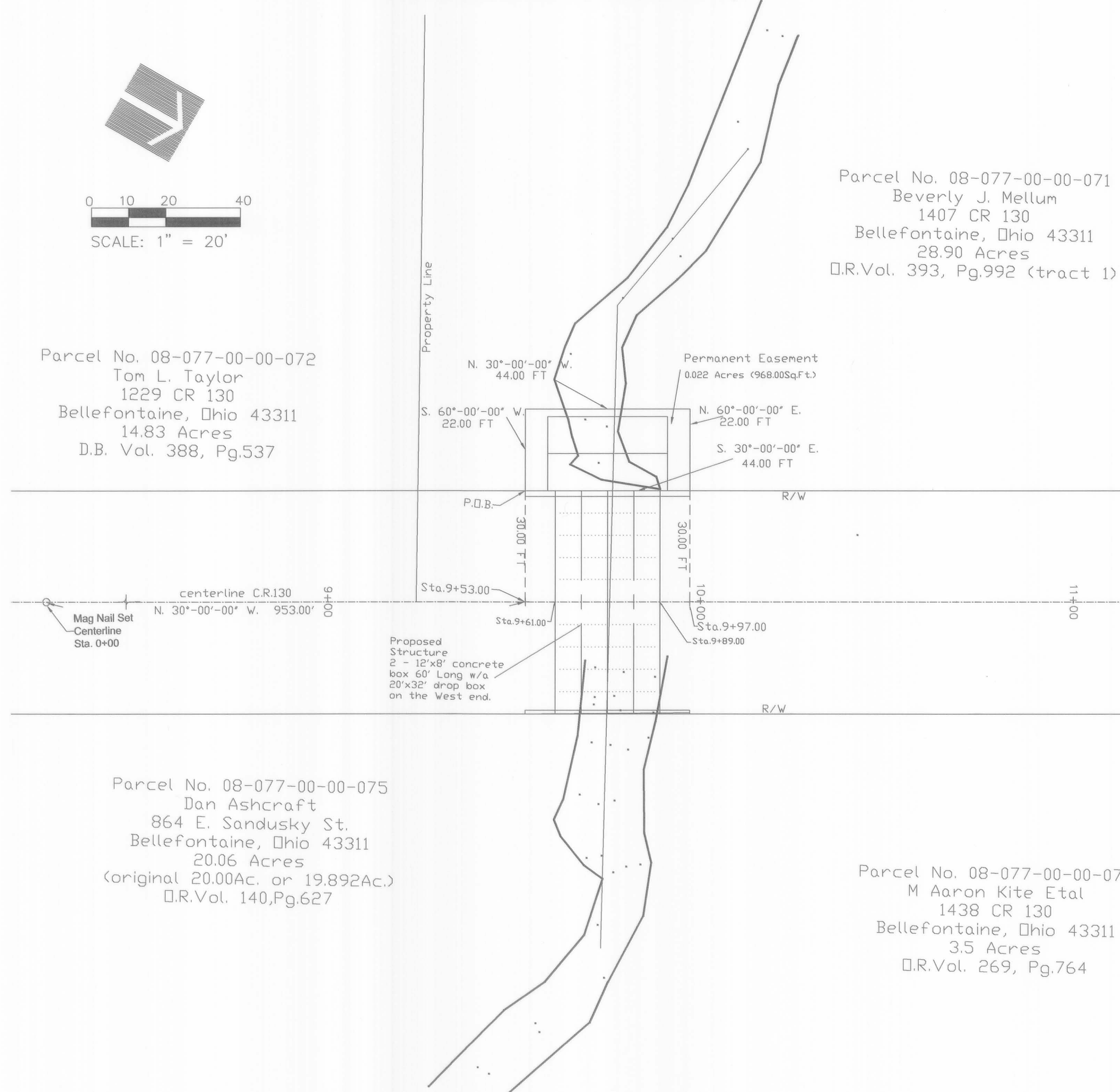
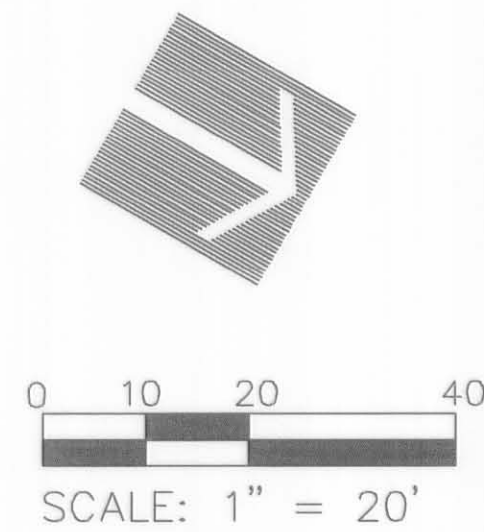
Thence with the west Right of Way line of Logan County Road No. 130 South 30°- 00'-00" East a distance of 44.00 feet to the Point of beginning.

Said Permanent Easement for Road Maintenance Purposes contains 0.022 acres or 968.00 square feet more or less.

Basis of Bearing being the centerline of Logan County Road No. 130 (North 30°-00'-00" West) as shown on the Right of Way Plans L-27, filed in the Map Room of the Logan County Engineer's Office.

The above-described Bridge 130-1.43 Permanent Easement for Road Maintenance Purposes was prepared by Jennifer L. Ganson, Engineering Technician, Logan County Engineer's Office on December 1, 2000 from an actual field survey performed by the Logan County Engineer's Office on March 15, 2000.

Jennifer L. Ganson _____
 Engineering Technician Date



Parcel No. 08-077-00-00-071
 Beverly J. Mellum
 1407 CR 130
 Bellefontaine, Ohio 43311
 28.90 Acres
 O.R.Vol. 393, Pg.992 (tract 1)

Parcel No. 08-077-00-00-072
 Tom L. Taylor
 1229 CR 130
 Bellefontaine, Ohio 43311
 14.83 Acres
 D.B. Vol. 388, Pg.537

Parcel No. 08-077-00-00-075
 Dan Ashcraft
 864 E. Sandusky St.
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 20.06 Acres
 (original 20.00Ac. or 19.892Ac.)
 O.R.Vol. 140, Pg.627

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 3.5 Acres
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WO#
2197

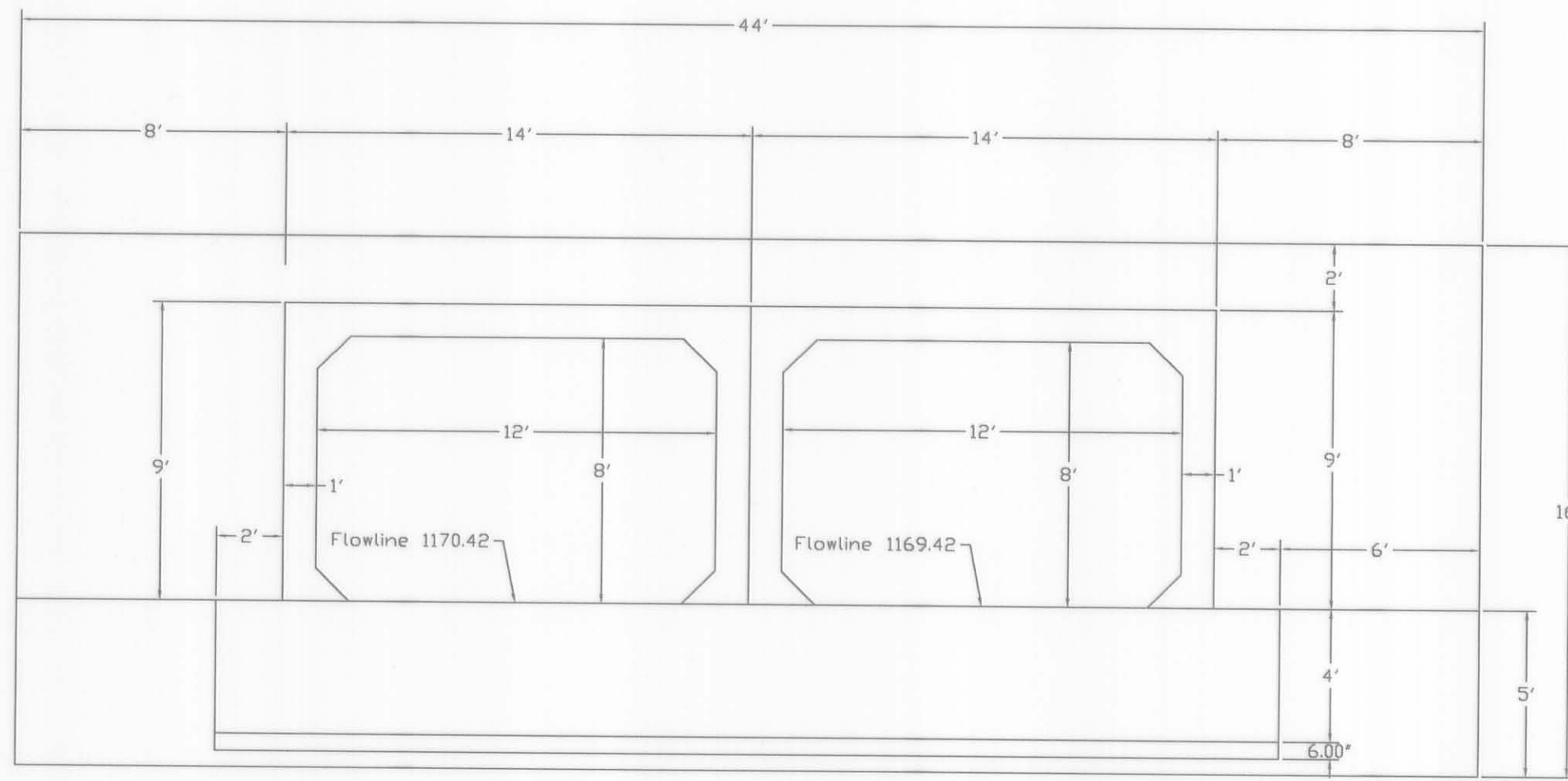
Designed By: Jennifer L. Ganson
 Engineering Tech.
 Under Direction of: James K. Cox, P.E., P.S.



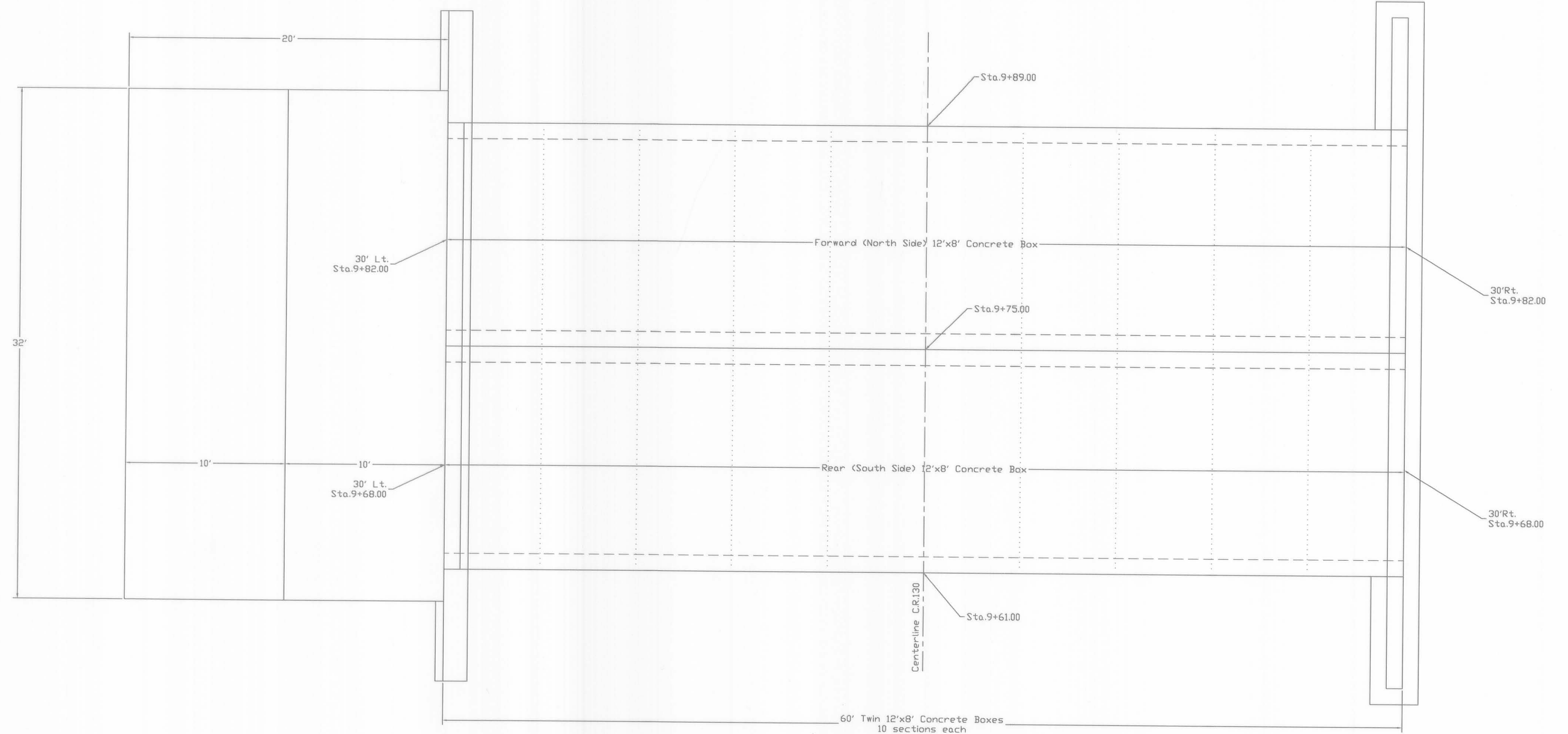
PLAN AND PROFILE -
 Bridge 130-1.43 Permanent Easement



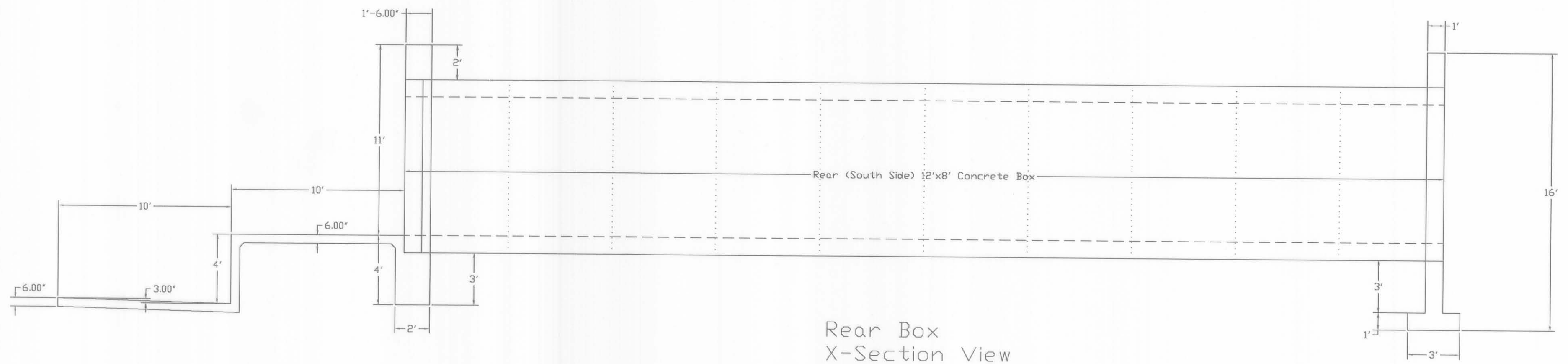
JAMES K. COX P.E., P.S.
 LOGAN COUNTY ENGINEER



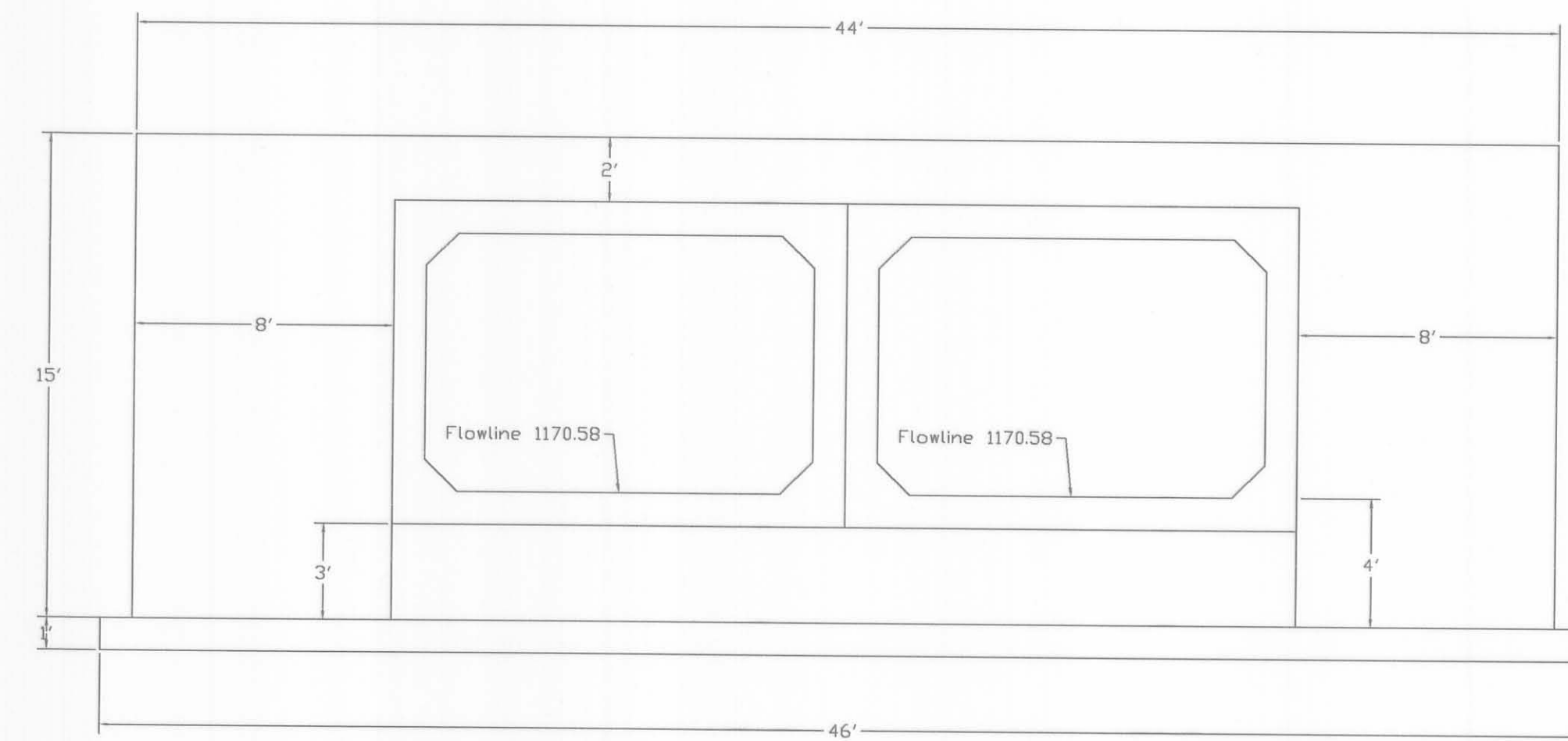
West End View



Plan View



Rear Box X-Section View



East End View

Scale 1" = 5'

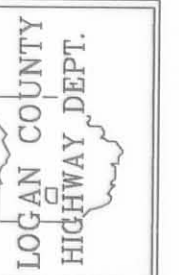
WO# 2197

Designed By:
Jennifer L. Ganson
Engineering Tech. 2
Under Direction of:
James K. Cox P.E., P.S.

DRAWN BY:
JLG
CHECKED BY:

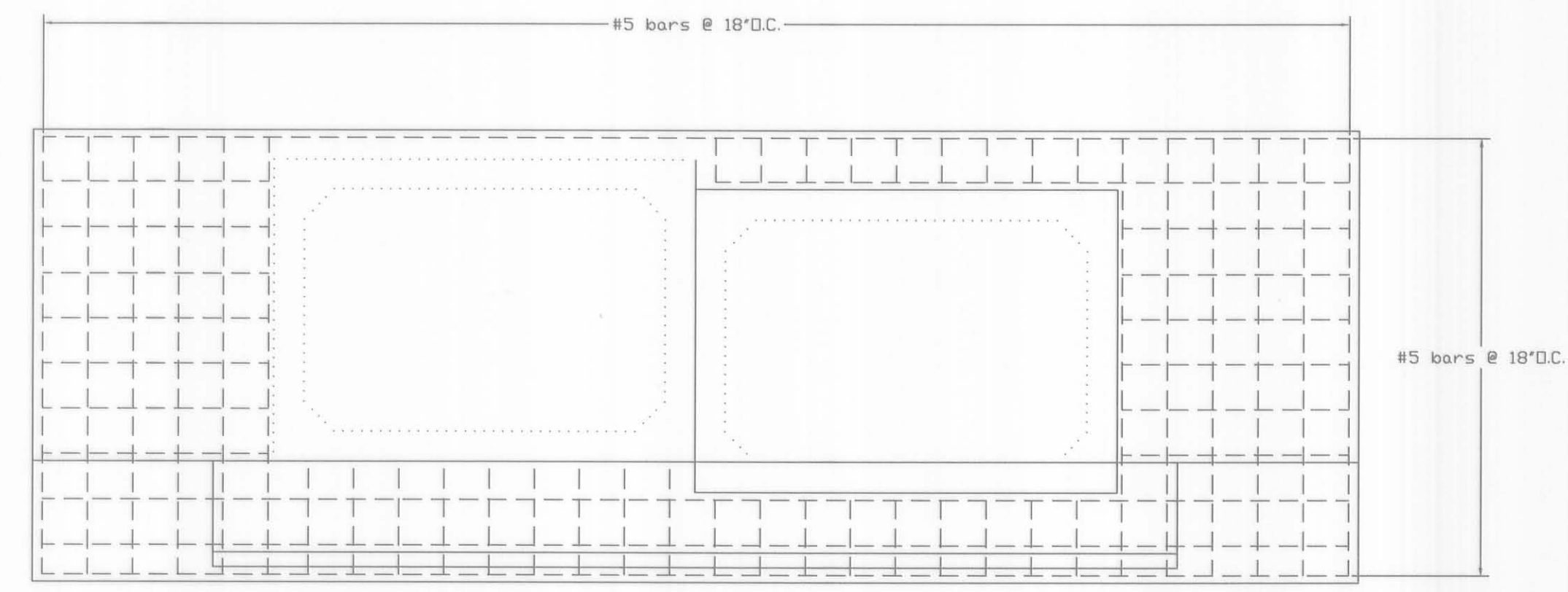
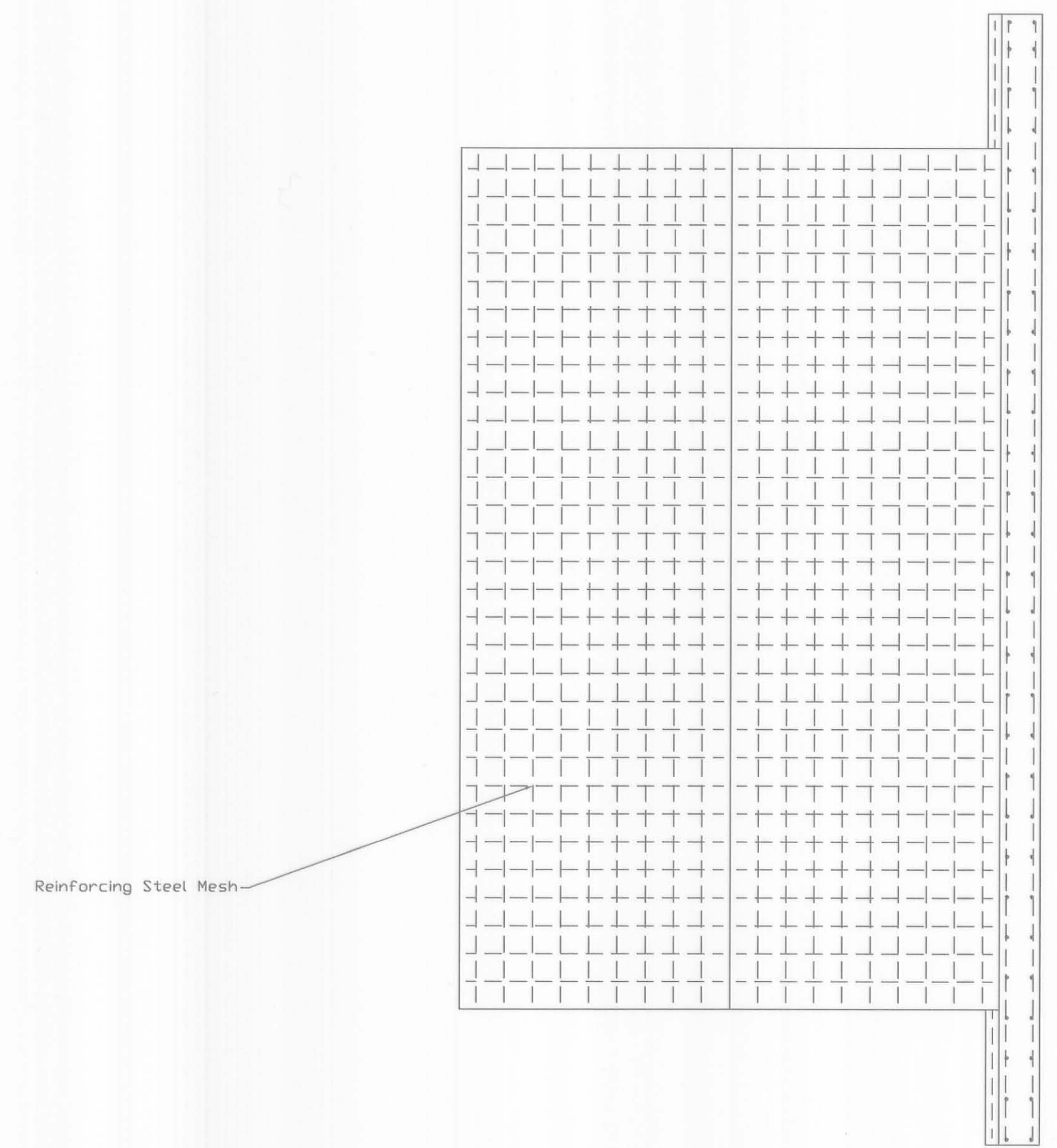


Bridge 130-1.43
Concrete Box Detail Sheet

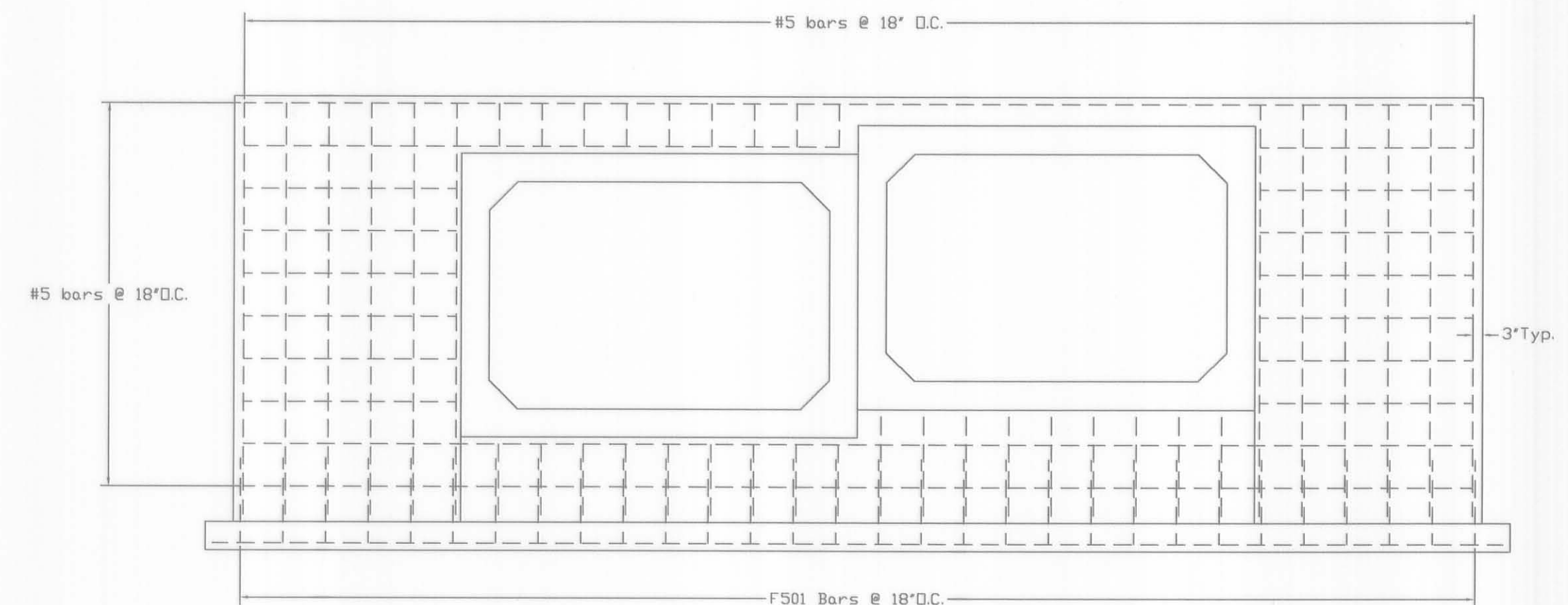
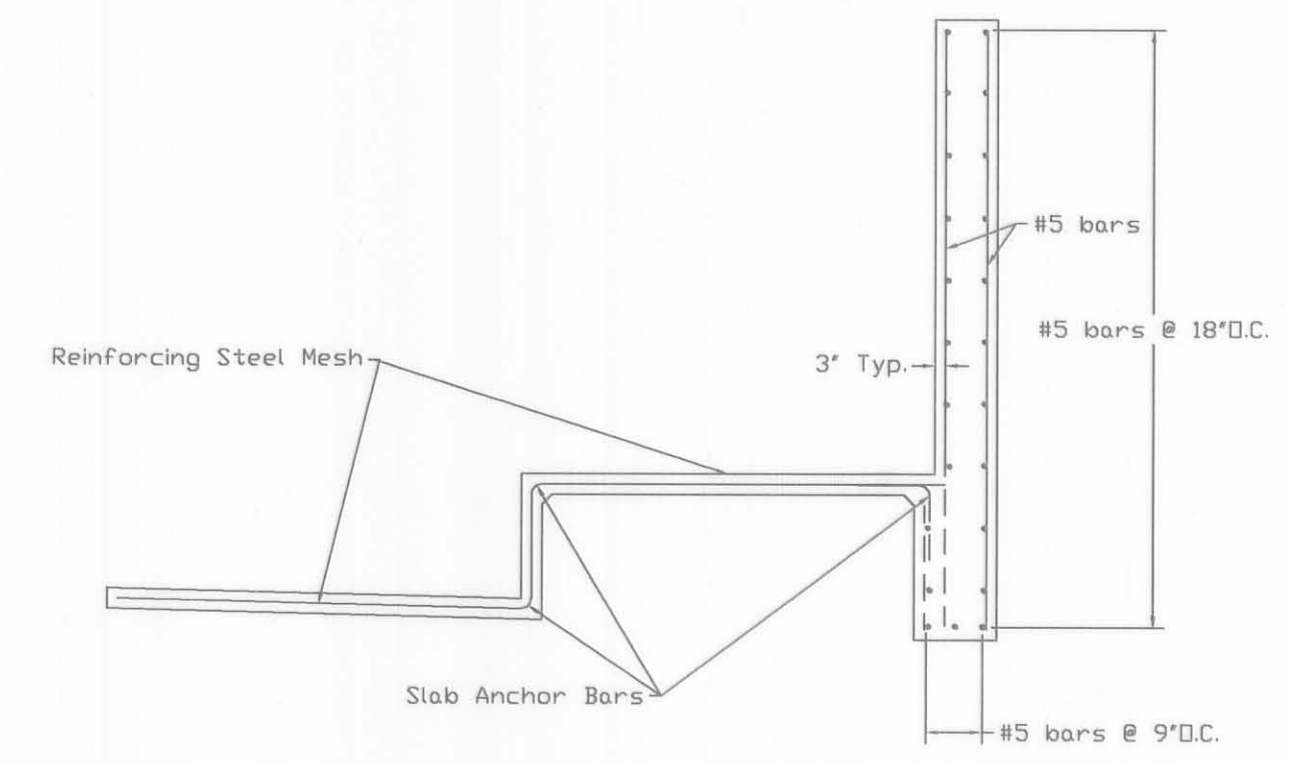


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LOGAN COUNTY ENGINEER

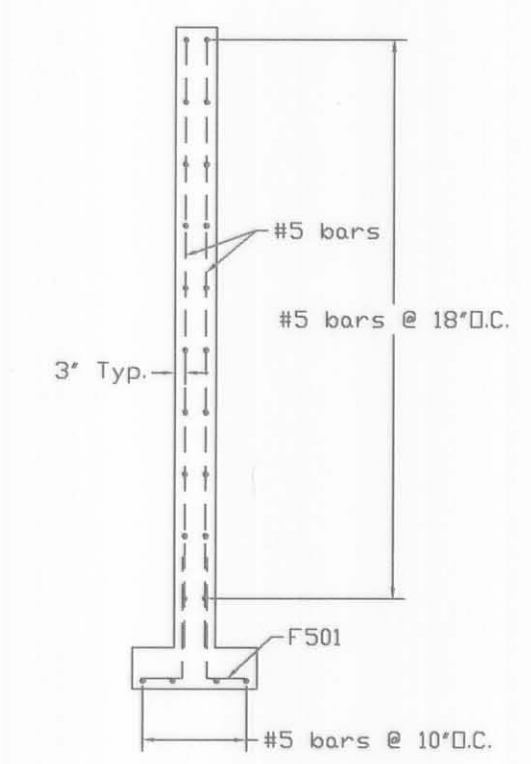




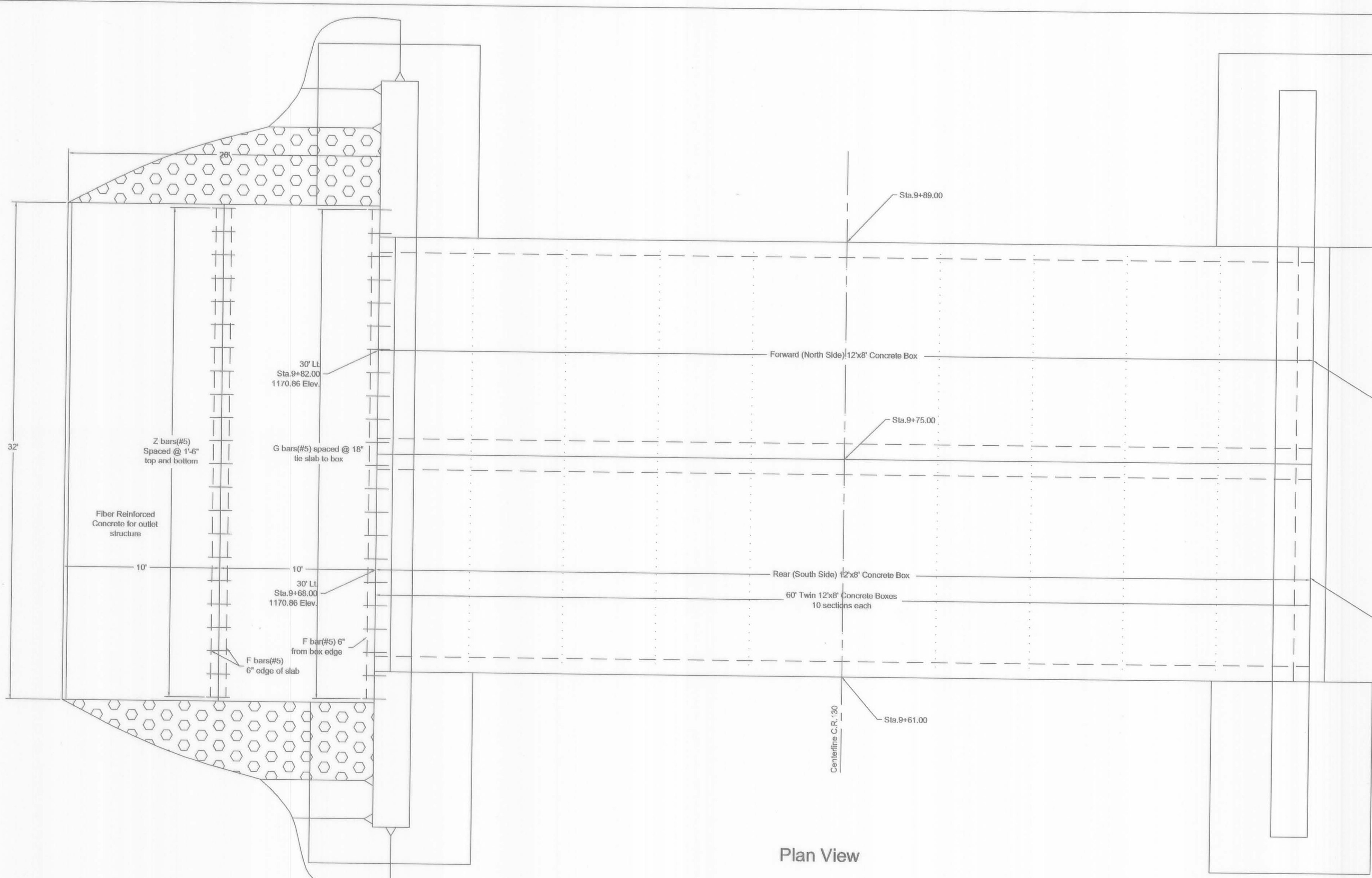
West End View



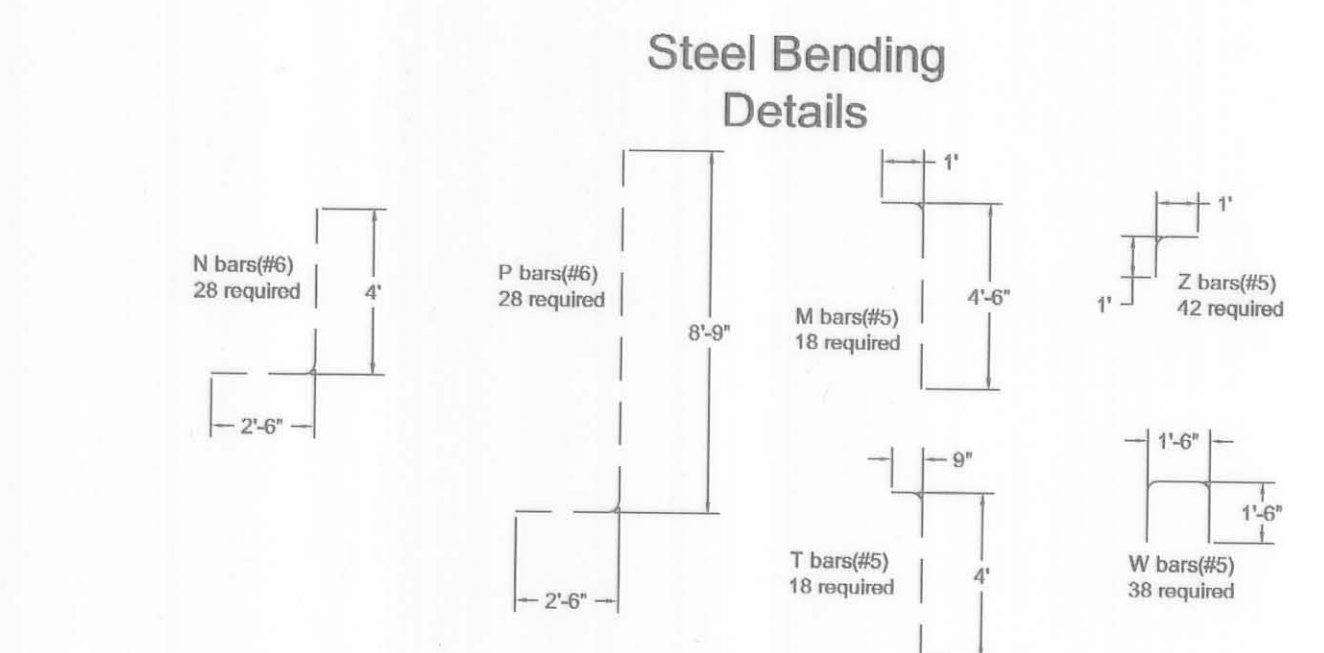
East End View



Scale 1" = 5'

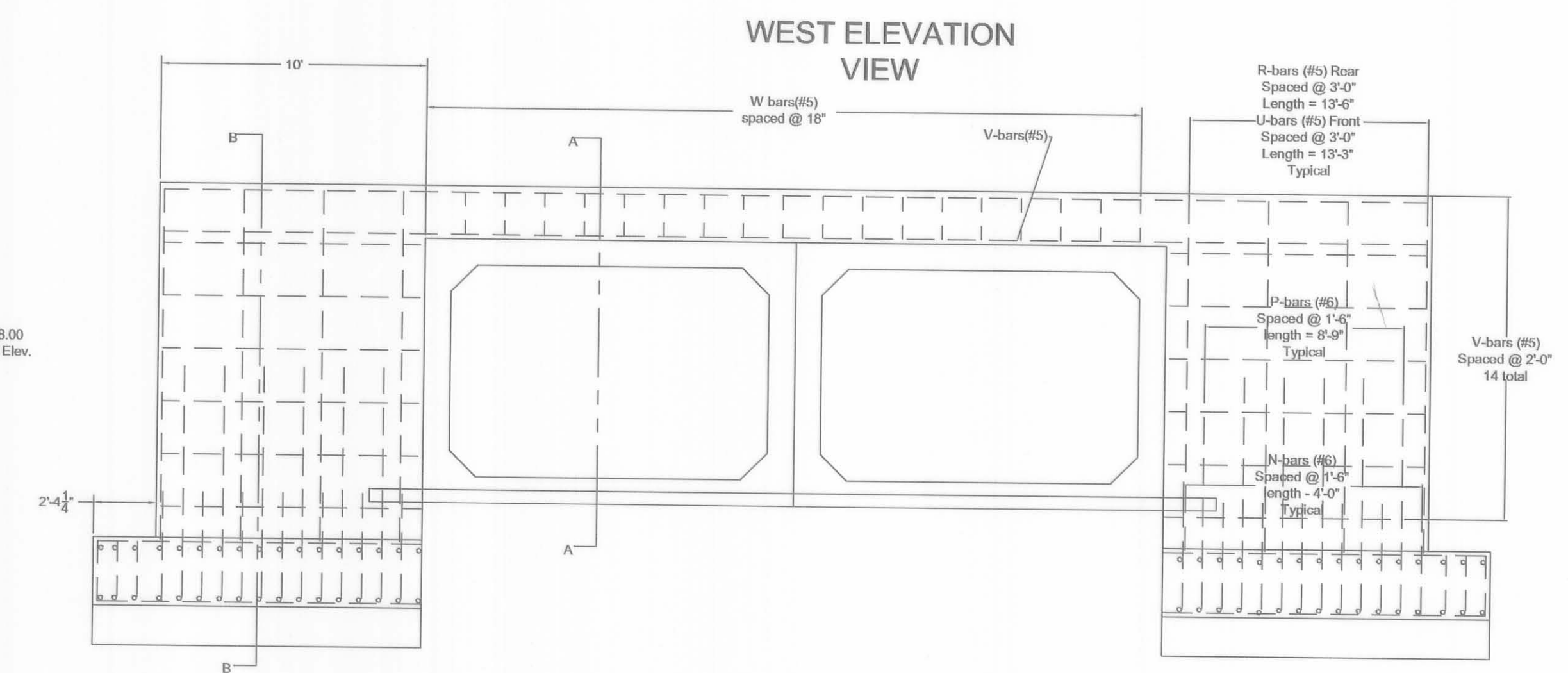


Plan View

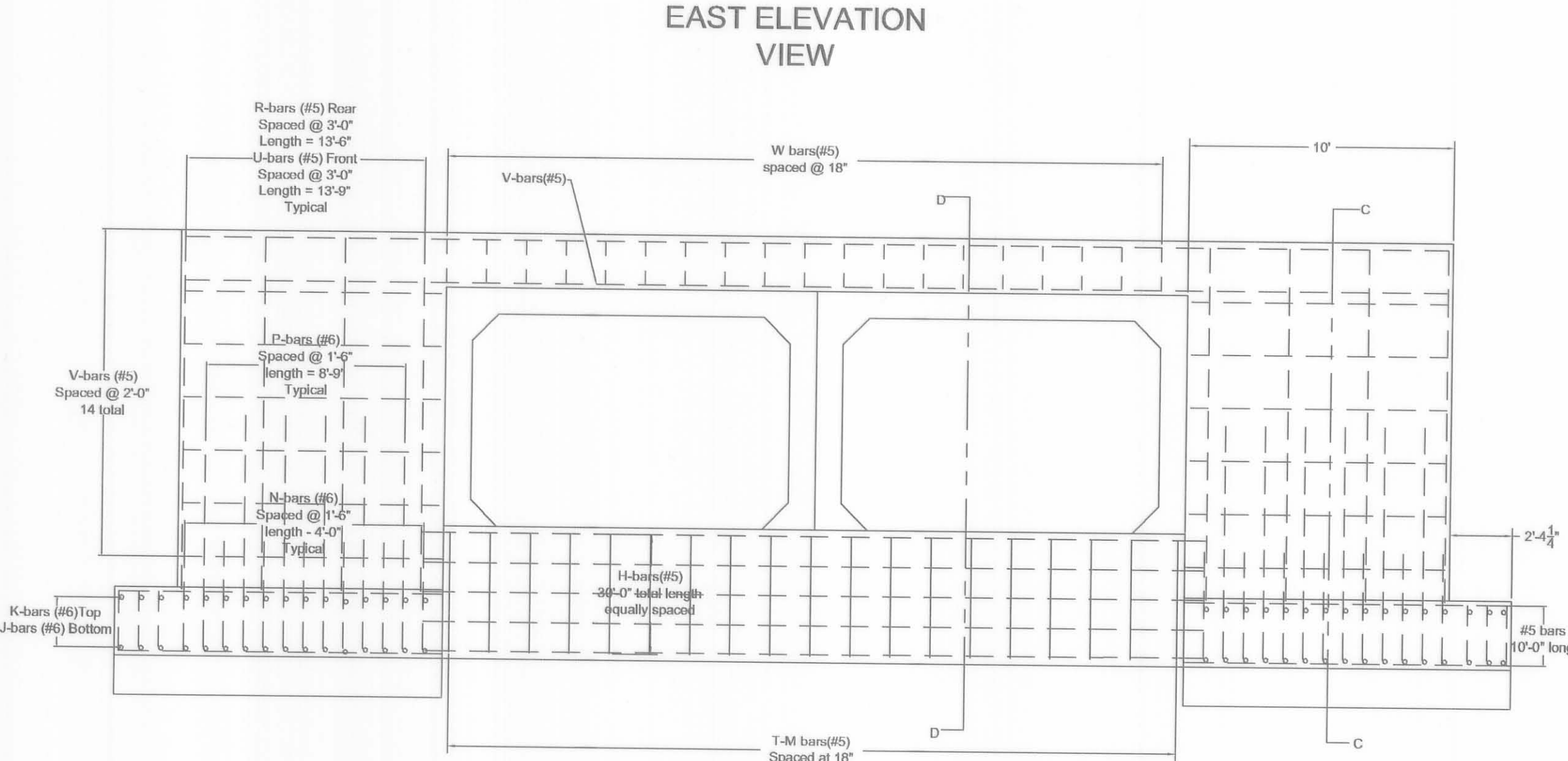


Steel Bending Details

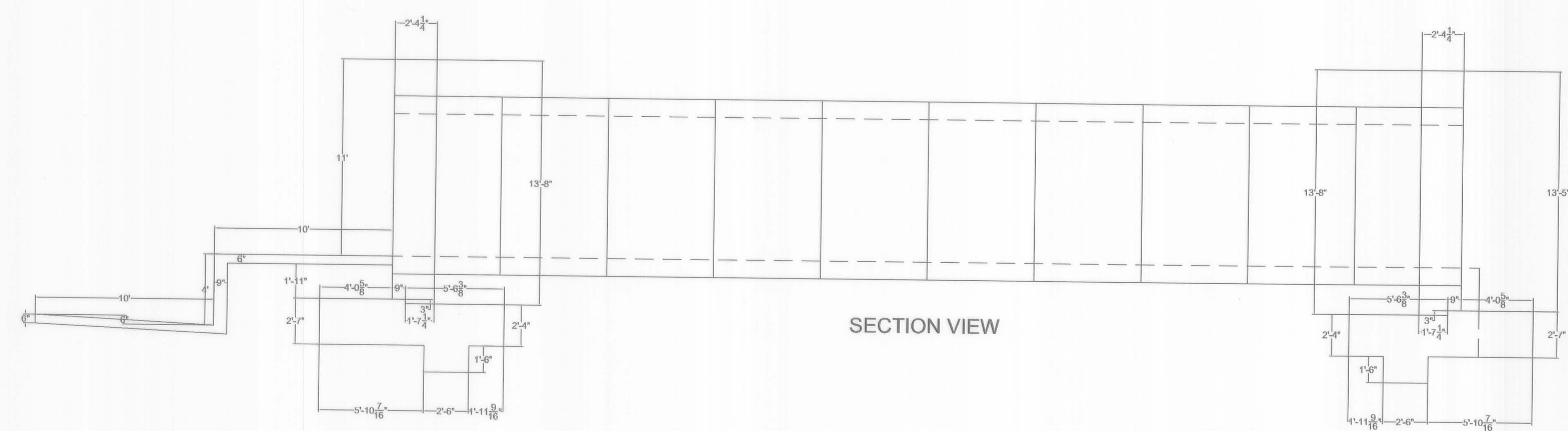
MARK	BAR SIZE	Bent/straight	Unit Length	Quantity	Total Length	UNIT
F	5	S	31.50	6	189.00	FT
G	5	S	1.50	21	31.50	FT
H	5	S	30.00	10	300.00	FT
J	6	S	6.08	64	389.31	FT
K	6	S	5.83	64	373.33	FT
M	5	B	5.50	18	99.00	FT
N	6	B	6.50	28	182.00	FT
P	6	B	11.25	28	315.00	FT
R	5	S	13.50	16	216.00	FT
T	5	B	4.75	18	85.50	FT
U	5	S	13.25	16	212.00	FT
V	5	S	9.50	56	532.00	FT
W	5	B	4.50	38	171.00	FT
X	5	S	10.00	14	140.00	FT
Y	5	S	9.50	16	152.00	FT
Z	5	B	1.50	42	63.00	FT



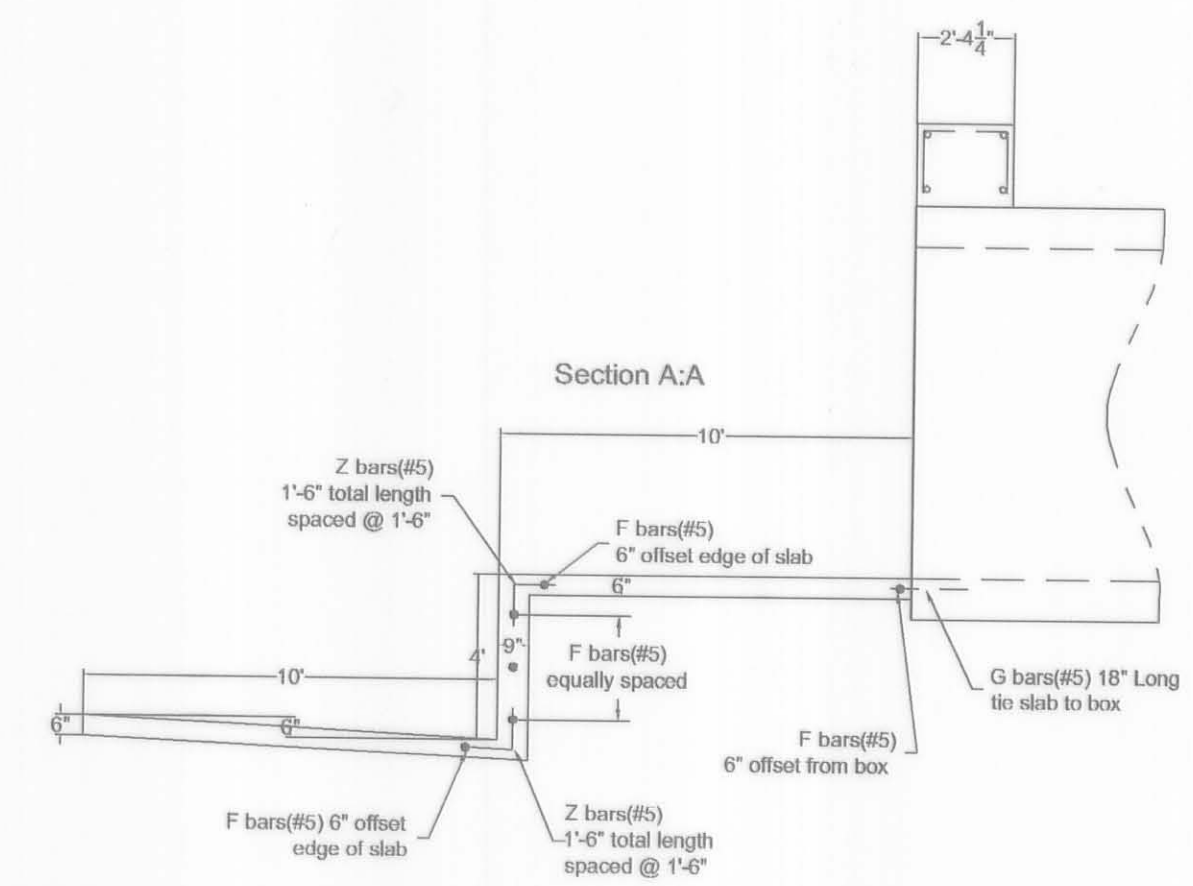
WEST ELEVATION VIEW



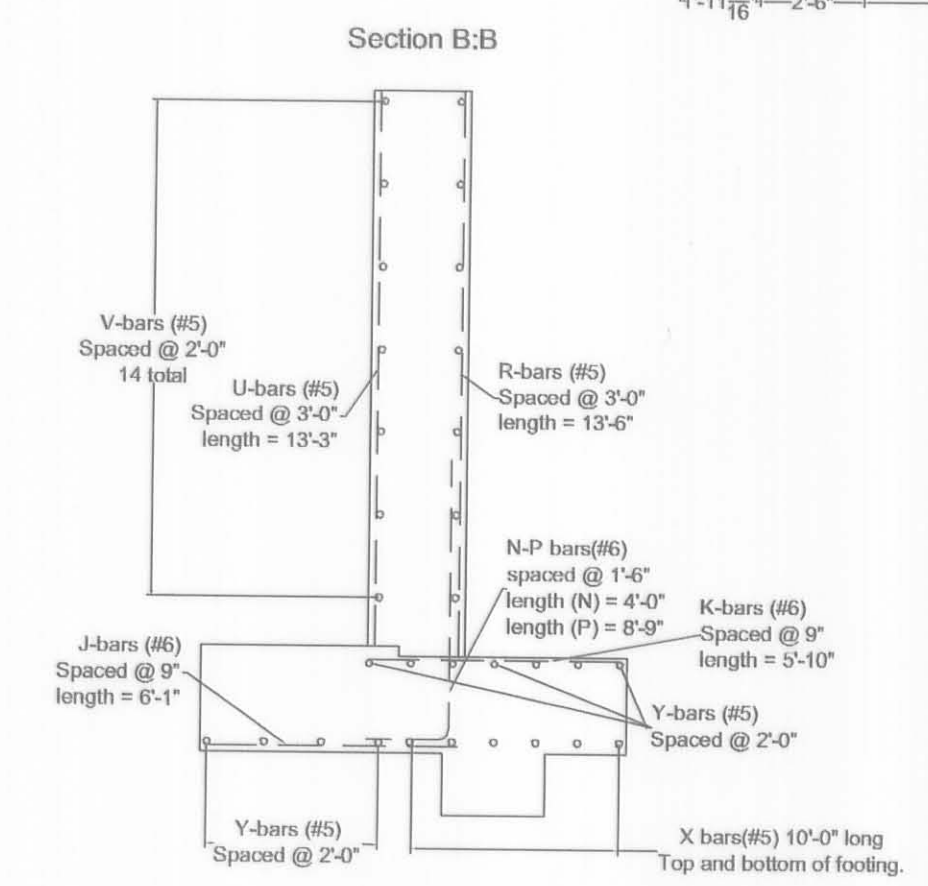
EAST ELEVATION VIEW



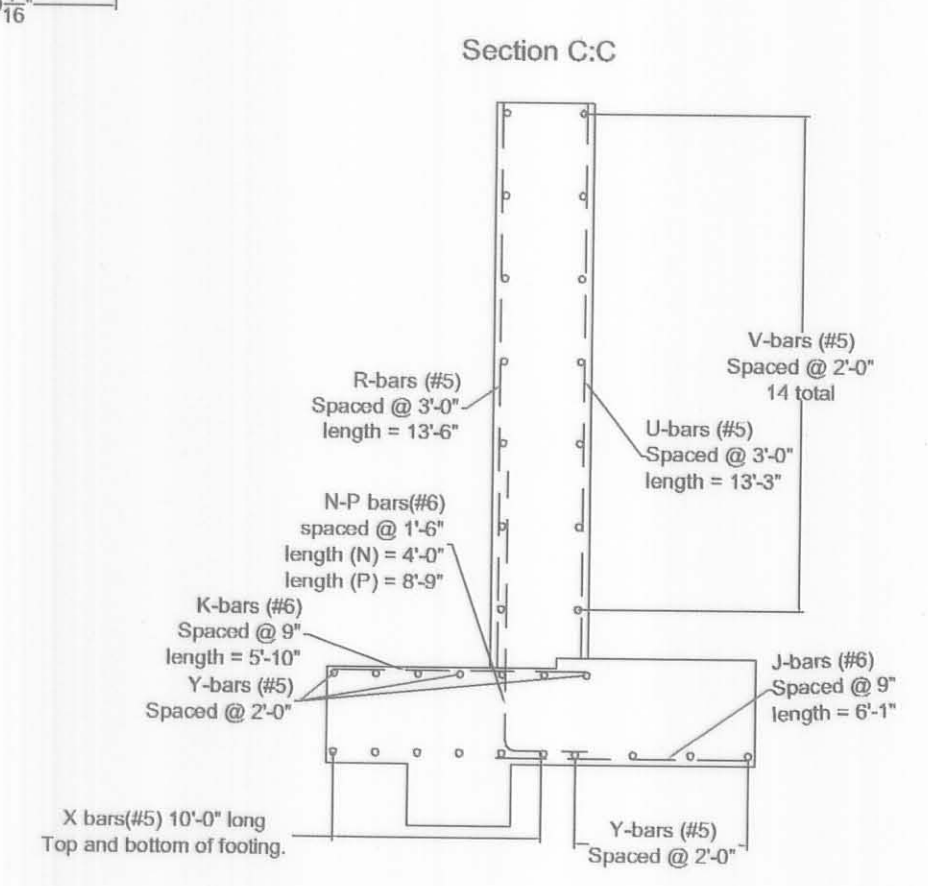
SECTION VIEW



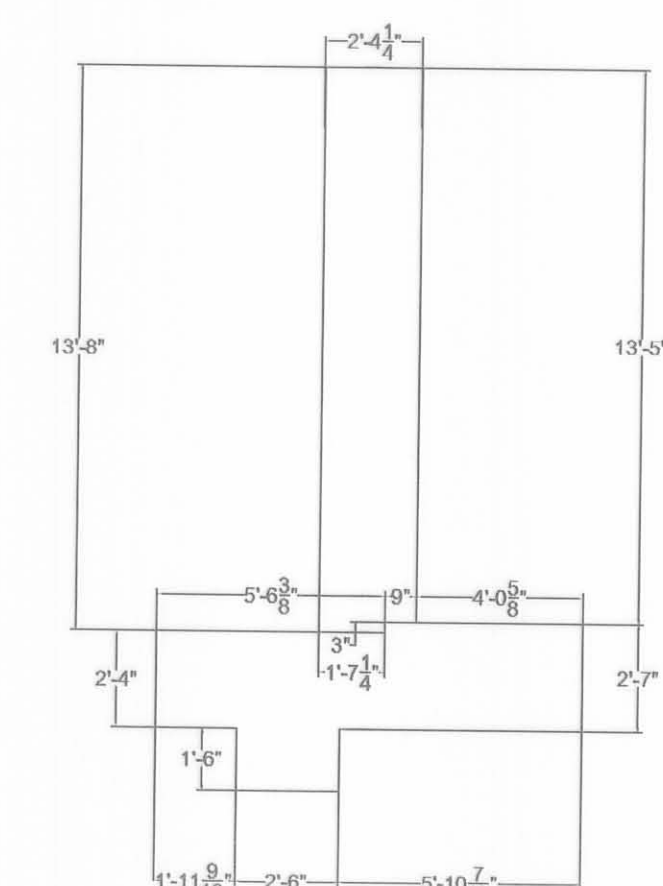
Section A:A



Section B:B



Section C:C



Section D:D

DRAWING SCALE 1"=5'

2 WORKING DAYS BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
ONE OF US WILL BE PROTECTING YOU FROM SERVING.

LOGAN COUNTY HIGHWAY DEPT.
ENGINEER'S OFFICE
JAMES K. COX P.E., P.S.
LOGAN COUNTY ENGINEER
DESIGNED BY: Jennifer L. Ganson Engineering Tech. 2 under direction of James K. Cox P.E., P.S.
CHECKED BY: JLB
LOGAN COUNTY ENGINEER'S OFFICE
W01# 2197

Detail Sheet
Bridge 130-1.43

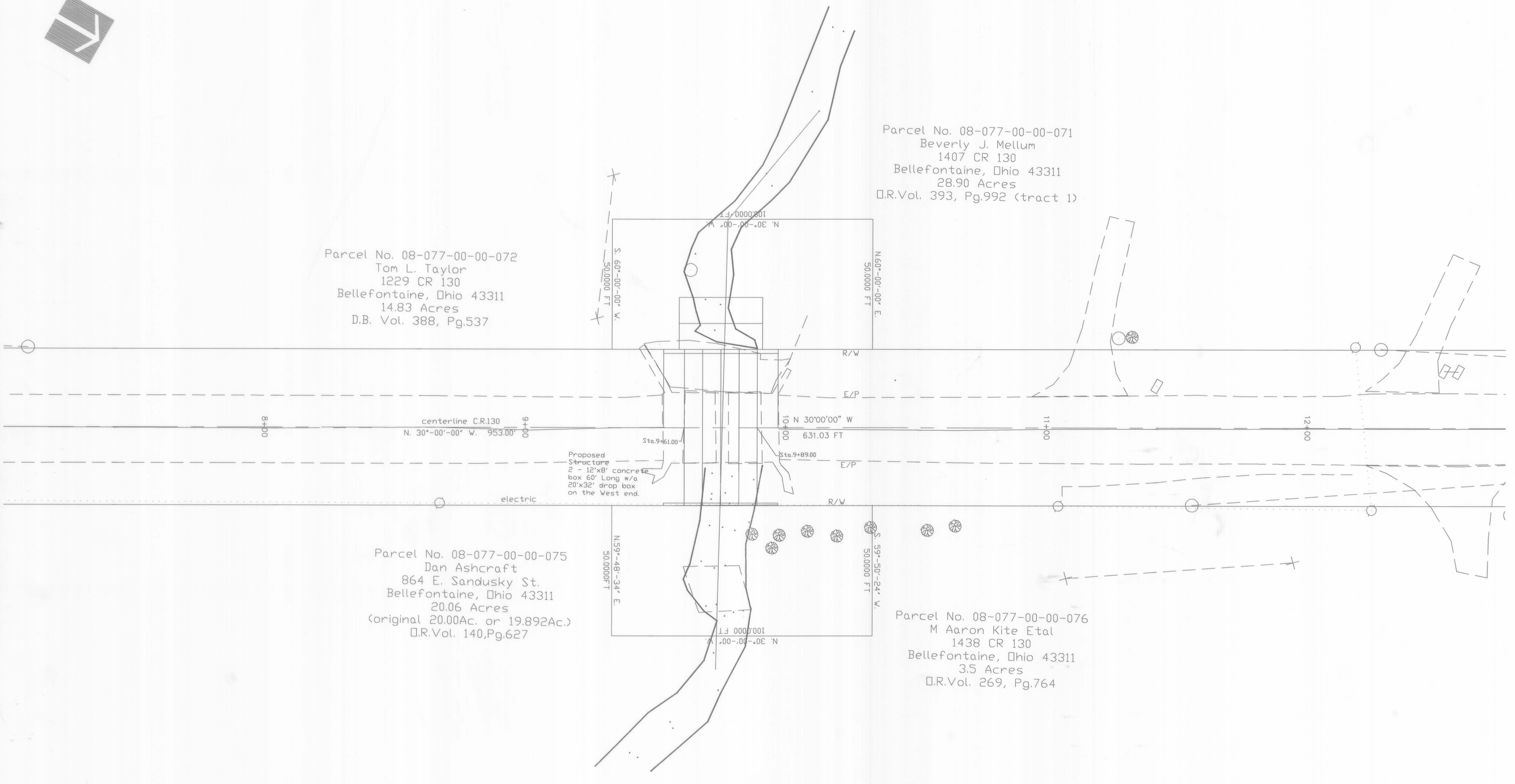


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SCALE:
 1" = 20'

WO#
 2197

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 Jennifer L. Ganson
 Engineering Tech.
 Under Direction of:
 James K. Cox P.E., P.S.

DRAWN BY:
 JLG
 CHECKED BY:



Bridge 130-1.43 PLAN
 Work Agreement Plan Sheet



JAMES K. COX P.E., P.S.
 LOGAN COUNTY ENGINEER

