SEE SHEET 5

SEE SHEET 3

SEE SHEET 6

P-SSMH STA 18+72.57 (TURKEY BROOK B-LINE) OFFSET 44.5' LT RIM 411.0± INV. IN 399.87 INV. OUT 399.77

P-SSMH STA 18+21.85 (TURKEY BROOK B-LINE) OFFSET 27.9' LT RIM 409.4± INV. IN 399.64 INV. OUT 399.64

CHAIN LINK FENCE ALONG TOP OF WALL

12.0 8" DIP S=0.43%

P-SSMH STA 18+13.29 (TURKEY BROOK B-LINE) OFFSET 36.3' LT RIM 409.4± INV. IN 399.60 INV. OUT 399.60

PRECAST 20'w X 9'h CONCRETE BOX CULVERT

N/F Town of Watertown

REMOVE EXISTING ARCH PLATE, HEADWALLS, AND WINGWALLS

LIMIT OF FULL DEPTH PAVEMENT CUT BIT. CONC., MATCH EXISTING PAVEMENT, BEGIN BCLC STA. 201+08.44

REMOVE EXISTING CB

CONNECT TO SSMH STA. 201+93.44 16.27 LT INV. 399.47

BITUMINOUS CONCRETE DRIVEWAY APRON

PT = 174+83.39 N 9981.6894 E 5050.9903

PC = 200+50 N 9823.1963 E 4868.8541

TYPE 'C' CB STA. 202+27.09 15' L TF 408.63

FALLS

TYPE 'C' CB STA. 202+27.09 13.83' R TF 408.43

BEGIN BCLC

R=615'

R=600.00'

BITUMINOUS CONCRETE DRIVEWAY APRON

RELOCATE POLE BY OTHERS

N/F Palleria

N/F Sniolis

SHADE TREE 6'-8' TALL (TYP.)

WORK EASEMENT ACQUIRED (TYP.)

TREE PROTECTION

REMOVE CONC. BLOCK WALL

REMOVE RETAINING WALL

CLEARING LIMITS

TREE PROTECTION (TYP.)

4" SLOTTED CPP UNDERDRAIN (TYP.)

TREE PROTECTION SEE DETAIL

RESET FENCE

REMOVE RETAINING WALL

N/F Valaitis

N/F Beach

N/F Pelletier

PT = 201+86.01 N 9937.0727 E 5342.8956

PC = 17+14.61 N 10007.4284 E 5077.4484

EX-SSMH STA 19+10.46 (TURKEY BROOK B-LINE) OFFSET 56.9' LT RIM 410.2± INV. 400.14±

VORTEX ROCKWEIR, SEE DETAIL SHEET

PREFORMED SCOUR HOLE, SEE DETAIL

4" SLOTTED CPP UNDERDRAIN (TYP.)

NEW EDGE OF PAVEMENT

REMOVE CONC. WALL

PT = 19+14.06 N 10007.8463 E 4977.8379

PC = 19+39.22 N 10007.8690 E 4981.8690

CLEARING LIMITS

PT = 19+97.53 N 10147.5048 E 5028.5569

CUT BIT. CONC. 10' WIDE

CONC. ENCASEMENT W/ LOW FLOW WEIR (SEE DETAIL SHEET)

P-SSMH STA 18+14.92 (TURKEY BROOK B-LINE) OFFSET 25.8' RT RIM 408.5± INV. IN 399.89 INV. OUT 399.69

WORK EASEMENT ACQUIRED (TYP.)

WALL TO REMAIN

TREE PROTECTION

CUT BIT. CONC.

BIT. CONC. DRIVEWAY

BITUMINOUS CONCRETE DRIVEWAY APRON

END BCLC

REMOVE AND REPLACE PIPE WITH 10" DIP

EX-SSMH STA 17+72.69 69.9' RT RIM 409.2± INV. IN 401.4± INV. OUT 401.4±

P-SSMH STA 17+72.24 RIM 409.2± INV. IN 400.85 INV. OUT 400.75

GATE VALVE

RELOCATE WATER LINE SEE DETAILS

RELOCATE GAS LINE BY OTHERS

REMOVE EXISTING PIPE

TURKEY BROOK STA. 17+65.46 = FALLS AVENUE STA. 202+19.87

REMOVE EXISTING CB

CHAIN LINK FENCE ALONG TOP OF WALL

PREFORMED SCOUR HOLE, SEE DETAIL

N/F Mazzettini

WORK EASEMENT ACQUIRED (TYP.)

N/F Saucier

N/F Juliano

N/F Zaccaria

N/F Currier

REMOVE OLD WELL CASING

TREE PROTECTION

CAST-IN PLACE RETAINING WALL SEE DETAIL

TEMP. SHEET PILING

VORTEX WEIR, TYP.

LIMIT OF FULL DEPTH PAVEMENT CUT BIT. CONC., MATCH EXISTING PAVEMENT STA. 301+76.22 N 10334.3990 E 5075.3181

BITUMINOUS CONCRETE DRIVEWAY APRON #19

RELOCATE WATER LINE SEE DETAILS

18 LF INV. 403.75

235' RCP

CHAIN LINK FENCE ALONG TOP OF WALL

CB TYPE CI STA. 300+79.36 10' L TF 409.78 INV. 404.58

BITUMINOUS CONCRETE DRIVEWAY APRON

GATE VALVE

CB TYPE C STA. 300+79.36 15' R TF 409.63 INV. 405.63

LIMIT OF FULL DEPTH PAVEMENT CUT BIT. CONC., MATCH EXISTING PAVEMENT STA. 300.00 N 10232.9458 E 5219.4039

SUNNY LANE

AVENUE

WORK EASEMENT ACQUIRED (TYP.)

TURKEY BROOK STA. 21+77.26 SUNNY LANE STA. 301+06.86

REMOVE BOULDER WALL

PRECAST 20'w X 9'h CONCRETE BOX CULVERT

REMOVE EXISTING CULVERTS, HEADWALLS, AND WINGWALLS

CHAIN LINK FENCE ALONG TOP OF WALL

RETAINING WALL TO REMAIN

MATCH WINGWALL TO EXISTING RETAINING WALL

BITUMINOUS CONCRETE DRIVEWAY APRON

MODIFIED RIPRAP

PREFORMED SCOUR HOLE, SEE DETAIL

END BCLC (TYP.)

BEGIN BCLC

N/F Velardi

N/F Romano

N/F Taschereau

RELOCATE POLE BY OTHERS

131'±

LIMIT OF FULL DEPTH PAVEMENT CUT BIT. CONC., MATCH EXISTING PAVEMENT STA. 203+12.45

BITUMINOUS CONCRETE WALK

18" rcp

12" rcp

cb tf 413.98 inv nw 409.18 inv ne 409.03 inv sw 408.73

BM #36 EL. 417.99

BM #35 EL. 416.51

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)

1 inch = 20 ft.

DATE	BY	REVISION
9/07/01	JS	MISC.
6/28/01	JLD	MISC. TOWN COMMENTS
2/29/00	JS	MISC. CONN DEP COMMENTS
12/22/99	JS	MISC. CONN DEP COMMENTS

TOWN OF WATERTOWN
TURKEY BROOK DRAINAGE IMPROVEMENT PROJECT

TURKEY BROOK
STA. 15+50 to STA. 23+50

LENARD ENGINEERING, INC.
140 WILLOW STREET, WINSTED, CT

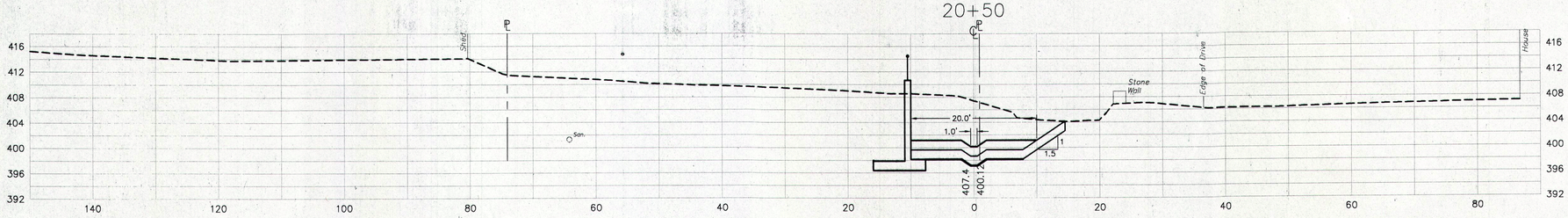
DRWN. BY: JS
CHKD. BY: MGS

SHEET 4 OF 42

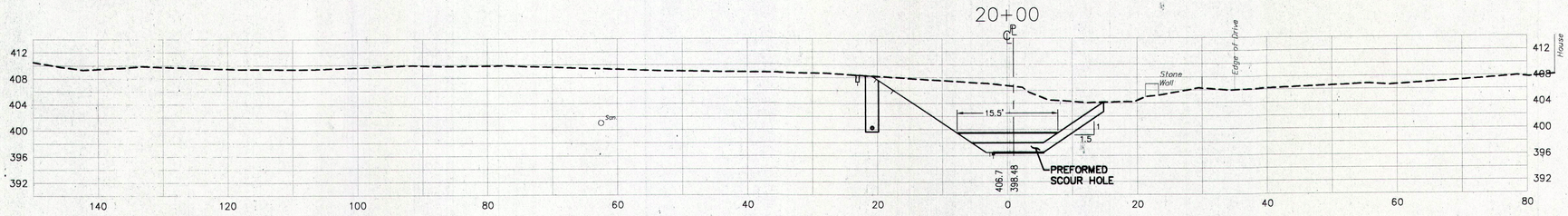
DATE: 5/10/01 FIELD BOOK: PG.: FILE NO.:FINAL PLAN

I-22-7

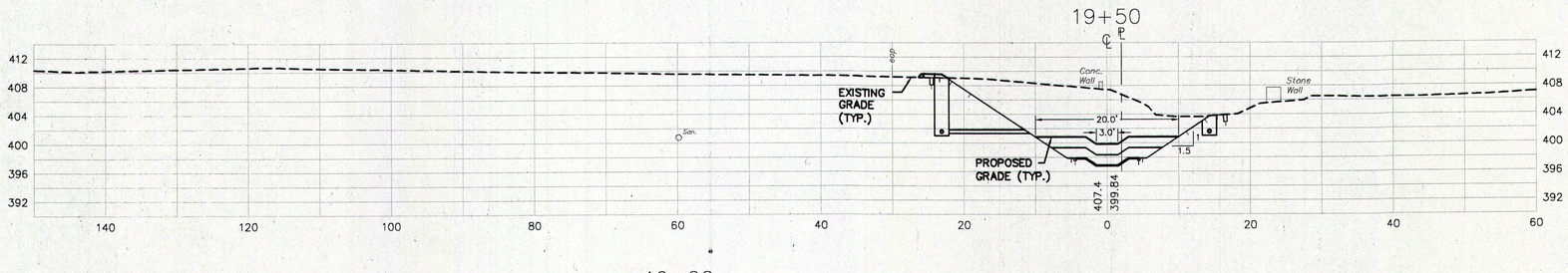
20+50



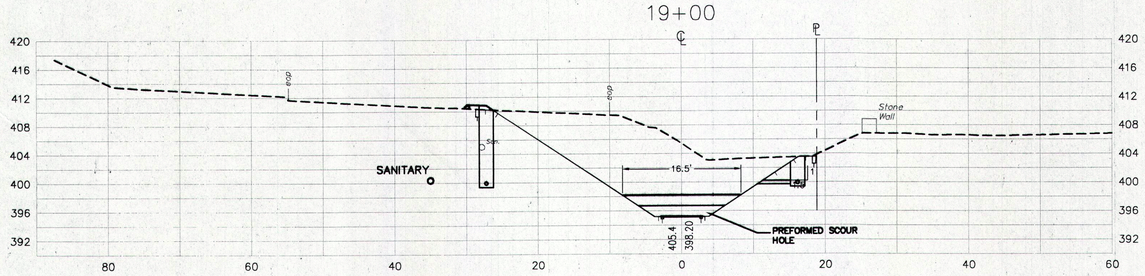
20+00



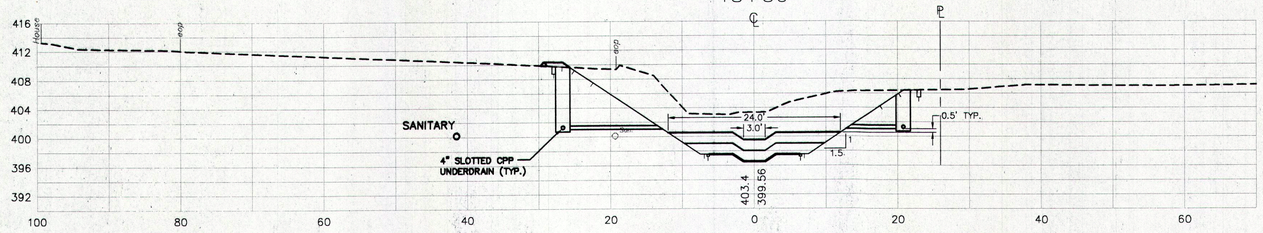
19+50



19+00



18+50



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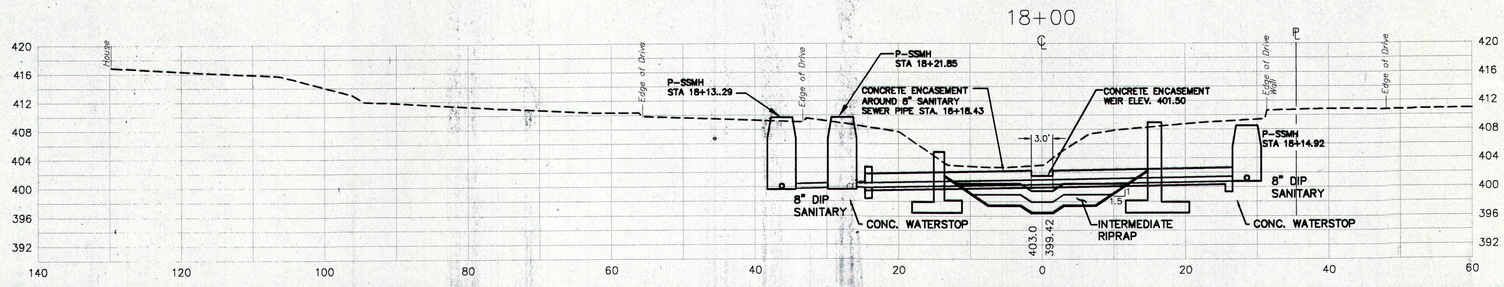


GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

DATE	BY	REVISION
9/07/01	JS	MISC.
6/28/01	JLD	MISC. TOWN COMMENTS
2/29/00	JS	MISC. CONN DEP COMMENTS
12/22/99	JS	MISC. CONN DEP COMMENTS

TOWN OF WATERTOWN
TURKEY BROOK DRAINAGE IMPROVEMENT PROJECT

TURKEY BROOK
CHANNEL SECTIONS
STA. 18+00 to STA. 20+50

LENARD ENGINEERING, INC.
140 WILLOW STREET, WINSTED, CT

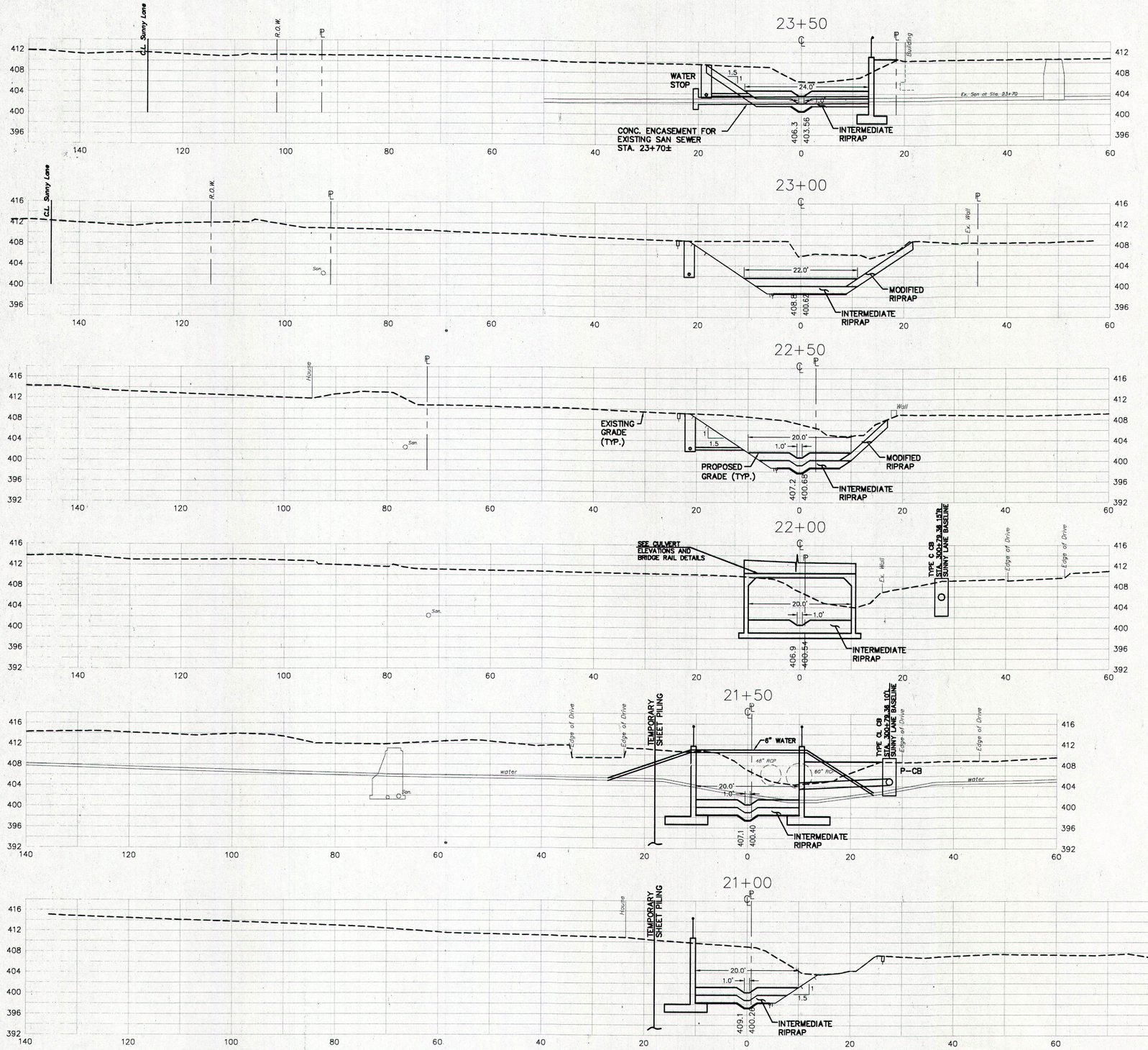
DRWN. BY: JS
CHKD. BY: MGS

SHEET 15 OF 42

DATE: 12/1/99 | FIELD BOOK: | PG.: | FILE NO.:SECTIONS

I-22-7

K:\Land Projects\92\97-114 Watertown - Turkey Brook\dwg\Turkey Brook Sections.dwg 07/17/2003 11:15:57 AM EDT



GRAPHIC SCALE

(IN FEET)
1 inch = 10 ft.

DATE	BY	REVISION
9/07/01	JS	MISC.
6/28/01	JLD	MISC. TOWN COMMENTS
2/29/00	JS	MISC. CONN DEP COMMENTS
12/22/99	JS	MISC. CONN DEP COMMENTS

TOWN OF WATERTOWN
TURKEY BROOK DRAINAGE IMPROVEMENT PROJECT

TURKEY BROOK
CHANNEL SECTIONS
STA. 21+00 to STA. 23+50

LENARD ENGINEERING, INC.
140 WILLOW STREET, WINSTED, CT

DRWN. BY: JS
CHKD. BY: MGS

SHEET 16 OF 42

DATE: 12/1/99 | FIELD BOOK: | PG.: | FILE NO.:SECTIONS

K:\Land Projects RE\97-114 Watertown - Turkey Brook\dwg\Turkey Brook Sections.dwg 07/14/2003 11:18:57 AM EDT

1-22-7

F.H.W.A. REGION NO	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.
1	CONN.	WATERTOWN	BRM-1485(3)	153-94	1990	73	24

BRIDGE No. 01114
STATE ROUTE 73 OVER STEELE BROOK
CONSTRUCTION STAGE III

SCALE IN FEET
40' 20' 0 40

SCALE: 1"=20'-0"

REFERENCES:

1). FOR SIGN LEGEND, SEE CONSTRUCTION STAGE I SHEET 22 OF 76.
2). FOR SIDEWALK DETAIL, SEE STANDARD SHEET 222-D.

NOTE:

COST OF STREAM DIVERSION DEVICE SHALL BE INCLUDED IN PRICE BID FOR "HANDLING WATER".

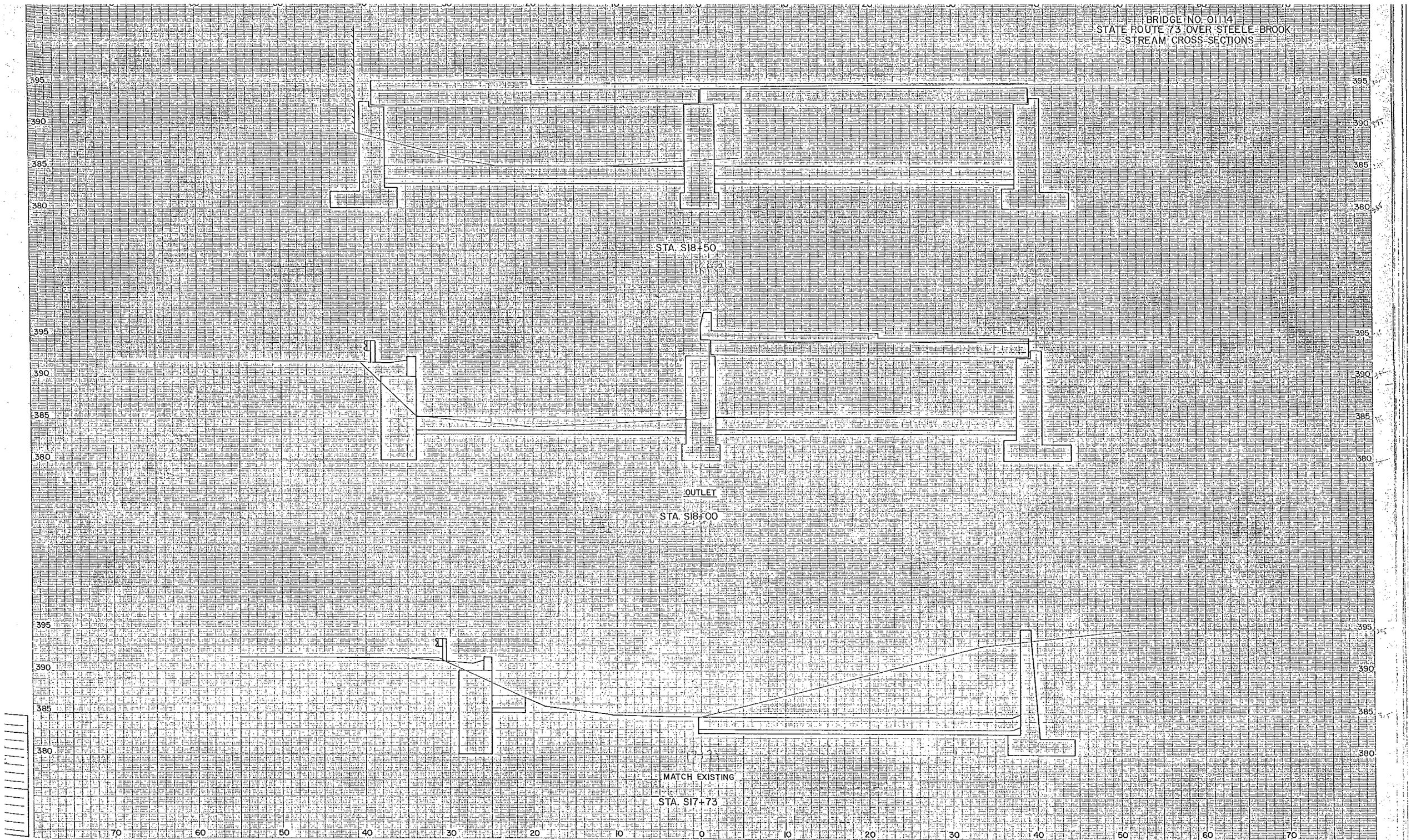
SUGGESTED SEQUENCE OF CONSTRUCTION

1. CONSTRUCT GRAVEL DRIVEWAY.
2. DIVERT TRAFFIC BACK TO ROUTE 73.
3. REMOVE TEMPORARY STRUCTURE FROM CHANNEL.
4. INSTALL STREAM DIVERSION DEVICE III AS SHOWN TO DIVERT STREAM FLOW TO WESTERN SIDE OF CHANNEL.
5. DEMOLISH WALL ALONG EAST SIDE OF CHANNEL TO LIMIT SHOWN AND COMPLETE CONSTRUCTION OF NEW RETAINING WALL IN PLACE.
6. INSTALL RIPRAP TO FINISH GRADE BEHIND STREAM DIVERSIC DEVICE III AND THEN REMOVE STREAM DIVERSION DEVICES TO ALLOW FLOW OVER STABILIZED AREAS.
7. COMPLETE ROADWAY AND SIDEWALK CONSTRUCTION FOR ALL AREAS.
8. SEED, MULCH AND TURF ESTABLISHMENT ALL AREAS WHILE MAINTAINING ALL SEDIMENTATION AND EROSION CONTROL MEASURES UNTIL SEED MATURATION.
9. REMOVE ALL SEDIMENTATION AND EROSION CONTROL MEASURES.

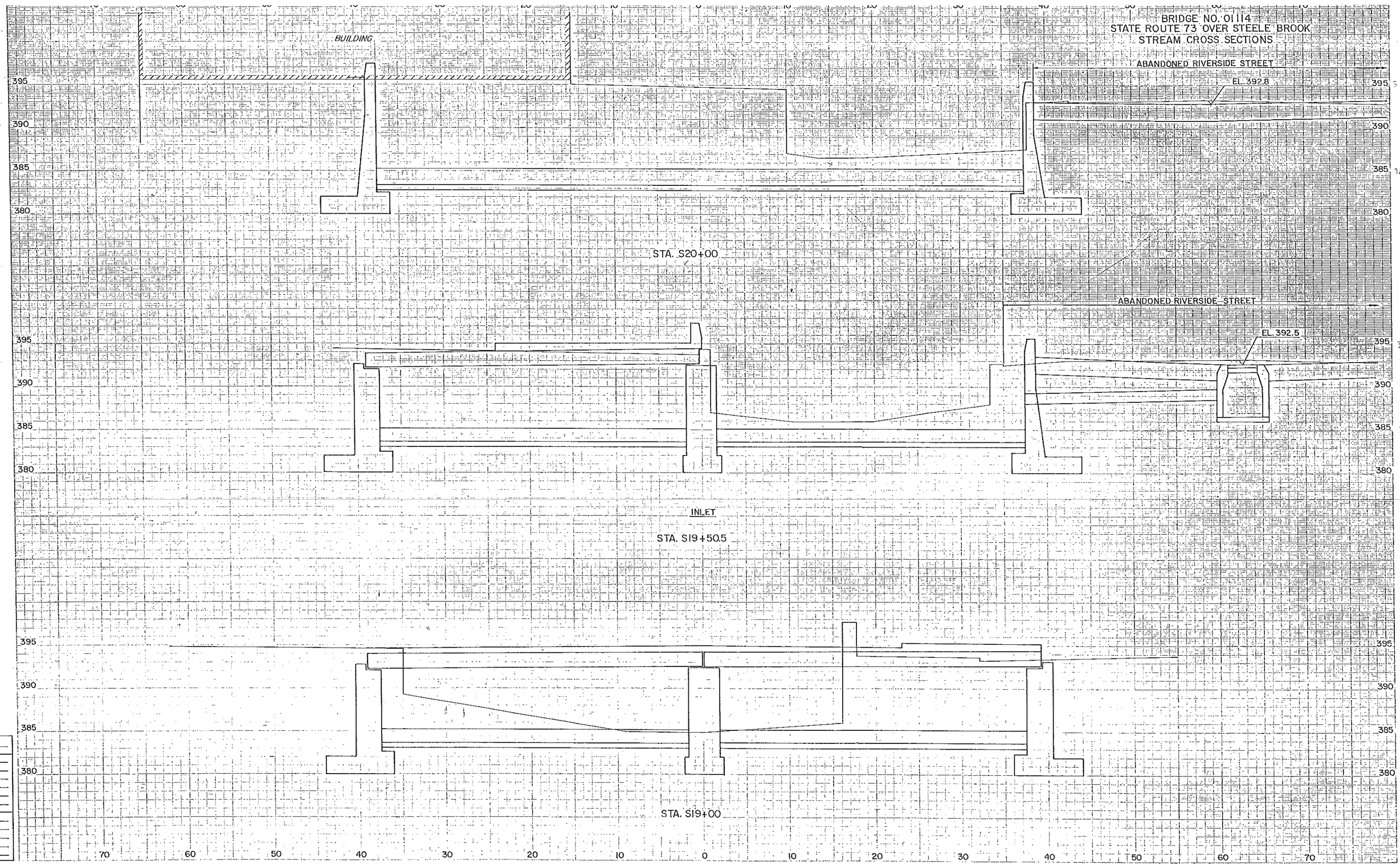
CONSTRUCT 5.5' CONCRETE SIDEWALK
TEMPORARY PRECAST CONCRETE BARRIER CURB - 180 LF
℄ BITUMINOUS CONCRETE SIDEWALK STA. 7+97 21.5 LEFT
METAL BEAM RAIL TYPE R-B
CONSTRUCT 5.0' BITUMINOUS CONCRETE SIDEWALK
MATCH EXISTING SIDEWALK
REMOVE PAVEMENT PLACE FILL AND TURF ESTABLISHMENT
CONSTRUCT CONCRETE SIDEWALK
MODIFY EXISTING RETAINING WALL
COMPLETE SIDEWALK AND PARAPET ON BRIDGE
CONSTRUCT RETAINING WALL
DEMOLISH EXISTING WALL
COFFERDAM
LIMIT OF RIPRAP TO BE INSTALLED IN STAGE III
STREAM DIVERSION DEVICE STAGE III
FLOATING SILT BARRIER
STEELE BROOK FLOW
HIGHWAY LINE
(MAIN STREET) STATE ROUTE 73
℄ STATE ROUTE 73
RTE 73 ℄ STA. 8+36.99 = RIVERSIDE ST. STA. R10+00
HIGHWAY LINE (SEE R.O.W. MAP NO. 185)
STA. 7+00 MATCH EXISTING PAVEMENT
STA. 11+50 MATCH EXISTING PAVEMENT
STA. R6+50 MATCH EXISTING SIDEWALK AND SIDETOP OF SLOPE
EXISTING TOP OF SLOPE
P.C. STA. R7+37.05
P.T. STA. R8+37.80
P.C. STA. 7+64.76
P.T. STA. 8+44.94
P.C. STA. 11+07.07
P.T. STA. 12+57.08
STEELE BROOK
RIVERSIDE STREET
DAVIS STREET
HILLSIDE AVENUE
N/F ROY S. WALZER ET AL N. JELLINGHAUS CO-TRUSTEES
N/F ROBERT M. DONOFRIO
N/F ACTION PROPERTIES
DAVES AUTO #430
N/F ERNEST A. PISTELLI
N/F NATHALIE M. MAY
N/F DOROTHY R. DAINS, ET. AL.
N/F TOWN OF WATERTOWN
N/F JOHN MANCINONE, ET. AL.
N/F ROBERTA B. CZARSTY PARKING LOT
BUS STOP
GRAVEL DRIVEWAY
DRIVEWAY
DRIVE
CONC.
GRASS
PLANTER
CL&P 772
CL&P 691
CL&P 63930
CL&P 60852
CL&P F5886

REVISIONS			
NO	DATE	DESCRIPTION	REV

BRIDGE NO. 01114
STATE ROUTE 73 OVER STEELE BROOK
STREAM CROSS-SECTIONS



BRIDGE NO. 01114
STATE ROUTE 73 OVER STEELE BROOK
STREAM CROSS SECTIONS



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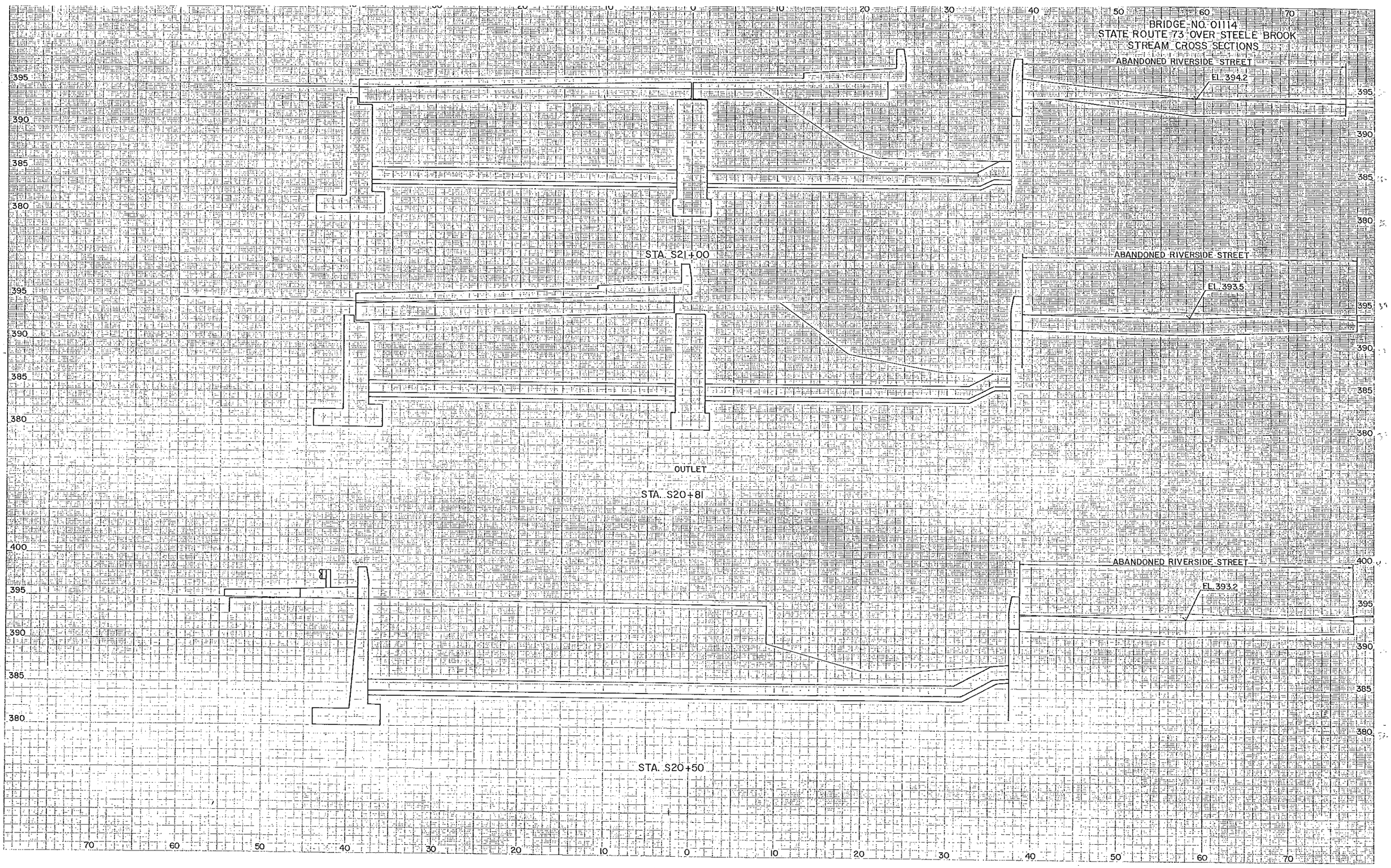
STATE ROUTE 73 OVER STEELE BROOK
STREAM CROSS SECTIONS



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