STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
7255-05-71	———	—

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

I.H.94 – EAU CLAIRE ROAD

(C.T.H. "AA" INTERCHANGE)

U.S.H. 53

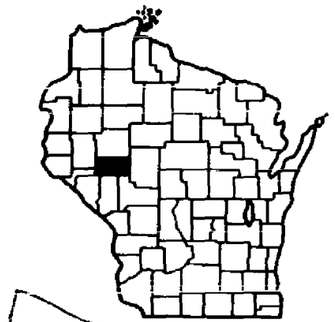
EAU CLAIRE COUNTY

AS BUILT

STATE PROJECT NUMBER
7255-05-71

Index of Sheets

TOTAL SHEETS = 190

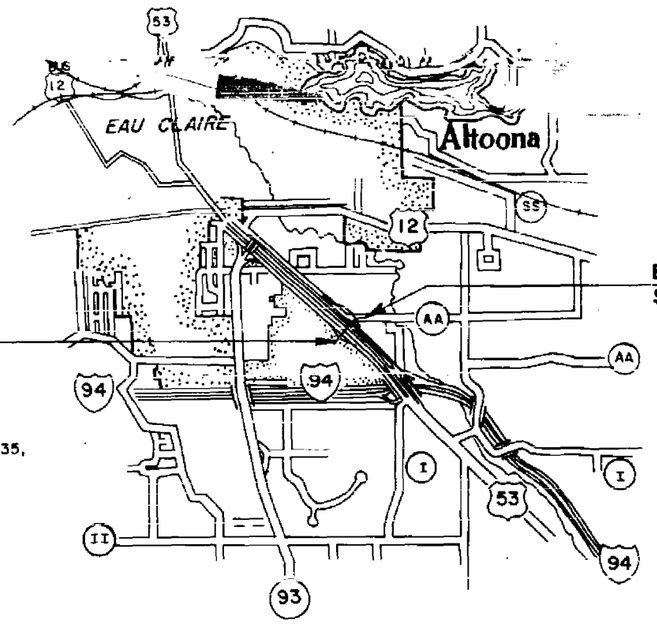


Design Designation

A.D.T.	1986	= 7,300
A.D.T.	2006	= 11,800
D.H.V.		= 1,227
D.		= 60 - 40
T.		= 6.5%
V.		= 60 MPH

Scales
PLAN 0 20 FT.
5, 10 FT. PLAN & PROFILE 0 50, 100 FT.
10 FT. CROSS SECTION 0 10 FT.

R-9-W



BEGIN CONSTRUCTION
STA. 94 +00
Y 347,045.16
X 1,626,942.64

709 FEET SOUTH AND 2442 FEET WEST OF THE EAST QUARTER CORNER SECTION 35, T-27-N, R-9-W.

END CONSTRUCTION
STA. 112+67

ALL COORDINATES SHOWN ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COORDINATE SYSTEM, CENTRAL ZONE.

Layout
Scale 0 1/2 1 Mi.

Total Net Length of Centerline = 0.000 Mi.

Conventional Signs

County Line		Caution Symbol (Combustible fluids under pressure)	CAUTION
Township or Range Line		Woven wire fence	
Section Line		Chain link fence	
Corporate or City Limits		Culverts in Place	
Property line		Culverts Required	
Lot Line		Power Pole	
Existing Right of Way Line		Telephone or Telegraph Pole	
New Right of Way Line		Right of Way Markers	
Base or Survey Line		Marsh	
Slope Intercept		Wooded Area	
Existing Roadway or Private Entrance		Grade Elevation	

APPROVED FOR
CITY EAU CLAIRE
4/04/85 (Date) (CITY MANAGER)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Surveyor L.T.J. S.M.J. District Checker T.M.R.
Designer L.K. C O Checker DJE
District Supervisor L.A.P. CO Coordinator DW

Approved: Date 4/4/85 T.R. Clark, District Transportation Director
Approved: Date 5-1-85
Approved: Date 4-30-85 Chief Design Engineer
Approved: Date 5/1/85 E.J. Bykiet, Director of Development

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REGION 5 WISCONSIN DIVISION

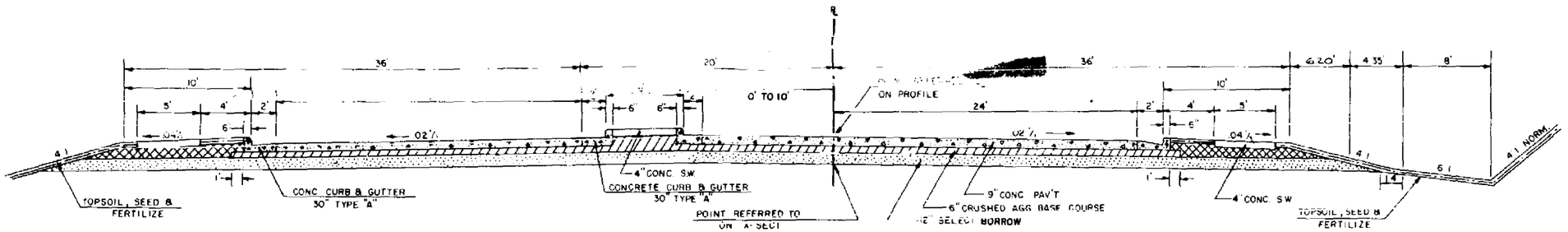
Approved
Date
Division Administrator

Vehicle No. 11

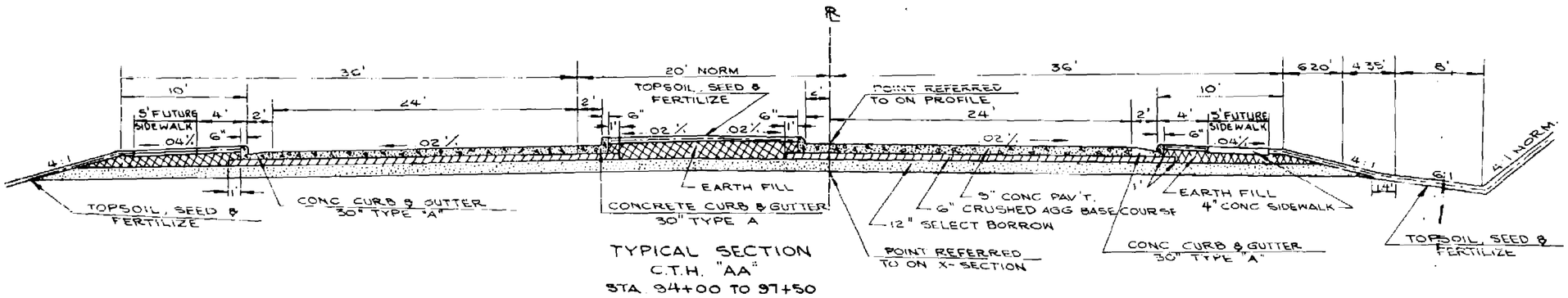
STATE PROJECT NUMBER	SHEET NO.
7255-05-71	2

ABBREVIATIONS

AGG.	AGGREGATE
AH.	AHEAD
AVE.	AVENUE
A.D.T.	AVERAGE DAILY TRAFFIC
BIT.	BITUMINOUS
BK.	BACK
C-C	CENTER TO CENTER
COLL.	COLLECTOR RD.
C/L	CENTER LINE
CONC.	CONCRETE
C.T.H.	COUNTY TRUNK HIGHWAY
C.P.	CULVERT PIPE
D.	DEGREE OF CURVE
	DELTA OR DEFLECTION ANGLE
D.H.V.	DESIGN HOUR VOLUME
D.	DIRECTIONAL DISTRIBUTION
E.	EAST
E. (or X)	EAST GRID COORDINATE
E.	EXTERNAL OF CURVE
I.H.	INTERSTATE HIGHWAY
LT.	LEFT
L.	LENGTH OF CURVE, LENGTH
MAX.	MAXIMUM
MI.	MILE
MIN.	MINIMUM
MISC.	MISCELLANEOUS
NORM.	NORMAL
N	NORTH
N.E.	NORTH EAST
N. (or Y)	NORTH GRID COORDINATE
N.W.	NORTH WEST
P.K.	PARKER KALON NAIL
P.K.	PARKER KALON NAIL
PAV'T	PAVEMENT
%	PER CENT
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
P.P.	POWER POLE
P.E.	PRIVATE ENTRANCE
RAD. (OR R.)	RADIUS OF CURVE
R.	RANGE
	REFERENCE LINE
R.C.C.P.	REINFORCED CONCRETE CULVERT PIPE
REQ'D	REQUIRED
RT.	RIGHT
RD.	ROAD
SHLDR.	SHOULDER
S.W.	SIDEWALK
S.B.	SOUTHBOUND
S.E.	SOUTH EAST
S.W.	SOUTH WEST
S.Y.	SQUARE YARD
S.D.D.	STANDARD DETAIL DRAWINGS
STA.	STATION
SSD	STOPPING SIGHT DISTANCE
S.E.	SUPERELEVATION
T.	TANGENT, TRUCKS (PERCENT OF), TOWNSHIP
U.G.	UNDERGROUND
U.S.H.	UNITED STATES HIGHWAY
VAR.	VARIABLE
V.	VELOCITY OR DESIGN SPEED
V.C.	VERTICAL CURVE
W	WEST
X-SECTION	CROSS SECTION



TYPICAL SECTION
C.T.H. "AA"
STA. 97+50 TO 105+00



TYPICAL SECTION
C.T.H. "AA"
STA. 94+00 TO 97+50

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION. THE LOCATION FOR EBS WILL BE DETERMINED BY THE ENGINEER.

SELECT BORROW AS SHOWN ON THE TYPICAL SECTIONS IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS-SECTIONS

THE EXACT LOCATION OF ACCESS POINTS SHALL BE DETERMINED BY THE ENGINEER EXCEPT AT THE CONTROLLED LOCATIONS SHOWN ON THE PLAT.

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS ARE TO BE FERTILIZED AND SEEDED AS DIRECTED BY THE ENGINEER.

STRAW MULCH ALL SLOPES.

WHEN THE QUANTITY OF THE ITEMS OF BASE OR SURFACE COURSE ARE MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

4 INCH BITUMINOUS CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A TWO INCH SURFACE COURSE AND A TWO INCH BINDER COURSE.

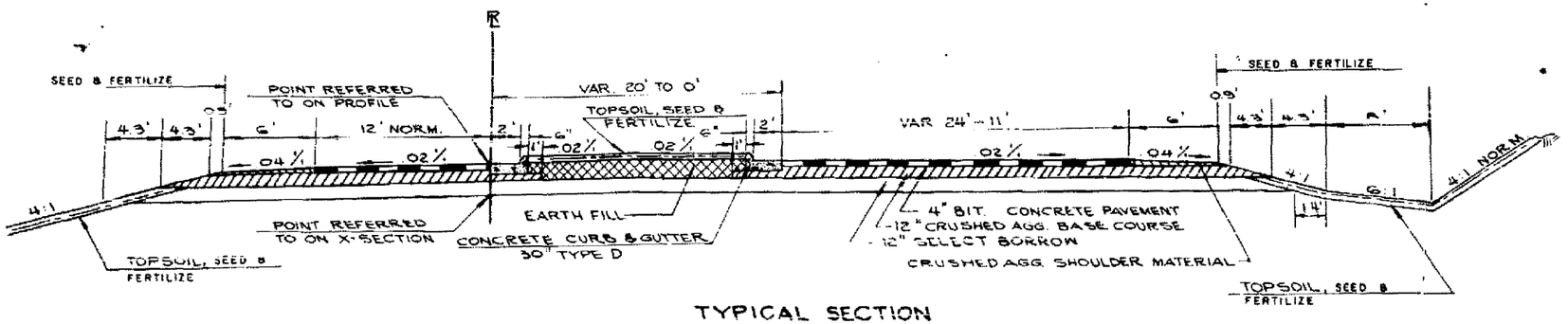
UTILITIES

NORTHERN STATES POWER COMPANY
100 N. BARSTOW ST.
EAU CLAIRE, WI. 54701
PHONE: (715) 833-2669
ATTN: M.L. PEIL

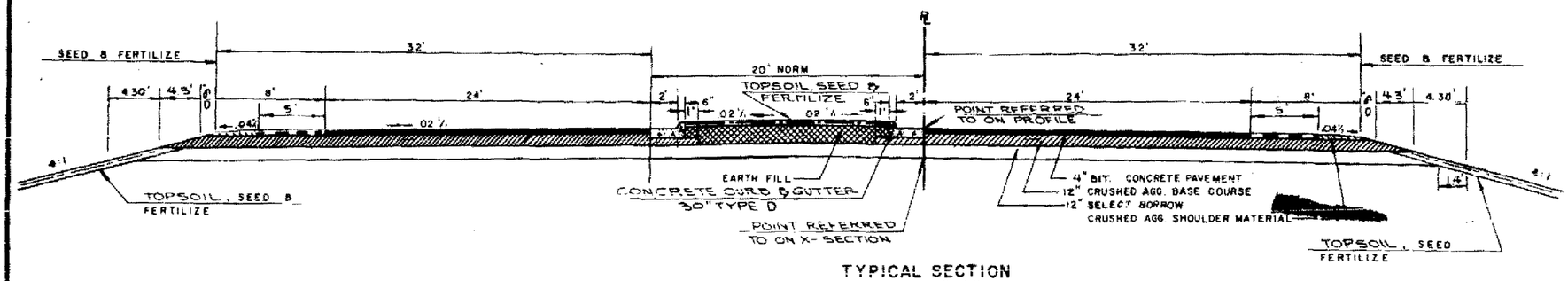
WISCONSIN BELL INC.
304 S. DEWEY ST.
EAU CLAIRE, WI. 54701
PHONE (715) 839-5808
ATTN: C.S. LEVEHENTZ

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	2.1

TYPICAL SECTIONS



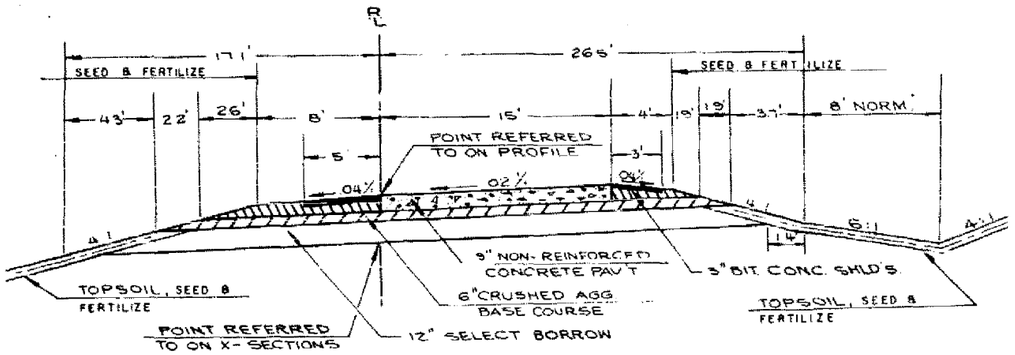
TYPICAL SECTION
C.T.H. "AA"
STA. 107+50 TO 112+67



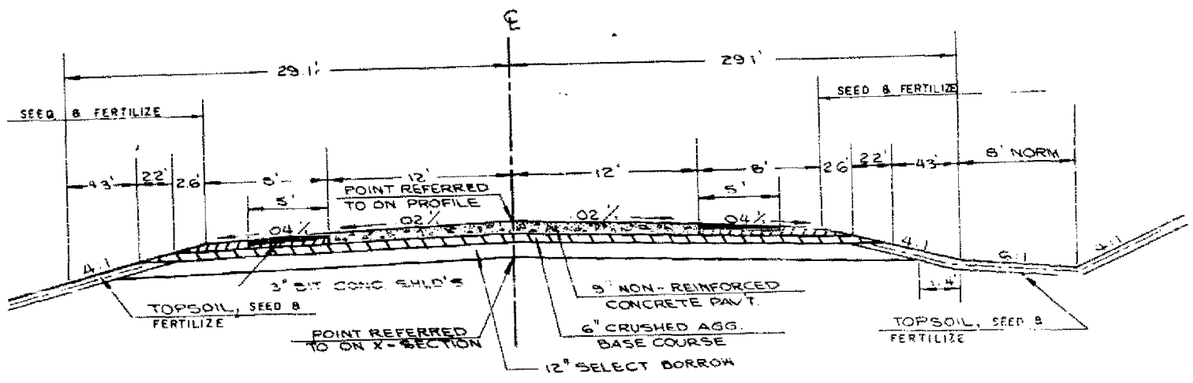
TYPICAL SECTION
C.T.H. "AA"
STA. 105+00 TO 107+50

STANDARD DETAIL DRAWINGS

SDD NUMBER	TITLE
8A5-3 A	CATCH BASIN, MANHOLE AND INLET COVERS
8C1-4	INLETS, TYPES 1, 2, AND 3.
8D1-8	CONCRETE CURB, CONCRETE CURB AND GUTTER AND PAVEMENT TIES
8D5-8	CURB RAMPS
8E9-1	TEMPORARY SILT FENCE
8F1-9	APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCHES
9B2-2	METAL, FIBER AND PVC CONDUIT
9B3-3	TRAFFIC SIGNAL, COUNTER, AND PULL BOX DETAILS
9B7-1	PAVEMENT MARKING SYMBOLS
11A1-2	MAINTENANCE CROSSOVER FOR FREEWAYS
12A2-3	SLOPE PAVING-STRUCTURES (CRUSHED AGGREGATE)
12A3-4	NAME PLATE-STRUCTURES
13B5-3	PAVEMENT MARKING
13C1-6	CONCRETE PAVEMENT LONGITUDINAL JOINTS
13C3-4	TRANSVERSE JOINTS IN NON-REINFORCED CONCRETE PAVEMENT (20" SKEWED TRANSVERSE JOINTS WITH POURED TYPE SEALER)
14B2-7 A&B&C	CLASS "A" STEEL PLATE BEAM GUARD
14B3-1	STEEL PLATE BEAM GUARD, CLASS 'B'
14B4-1	RAISED MEDIAN AT UNDERPASSES
14B7-6 A&B	TEMPORARY PRECAST CONCRETE BARRIER
15B1-6	WOVEN WIRE FENCE
15A2-2	DELINEATOR POSTS, MARKER POSTS AND DELINEATORS
15B2-7	CHAIN LINK FENCE (TYPE A)
15C1-7	CONSTRUCTION BARRICADES AND STANDARD SIGNS



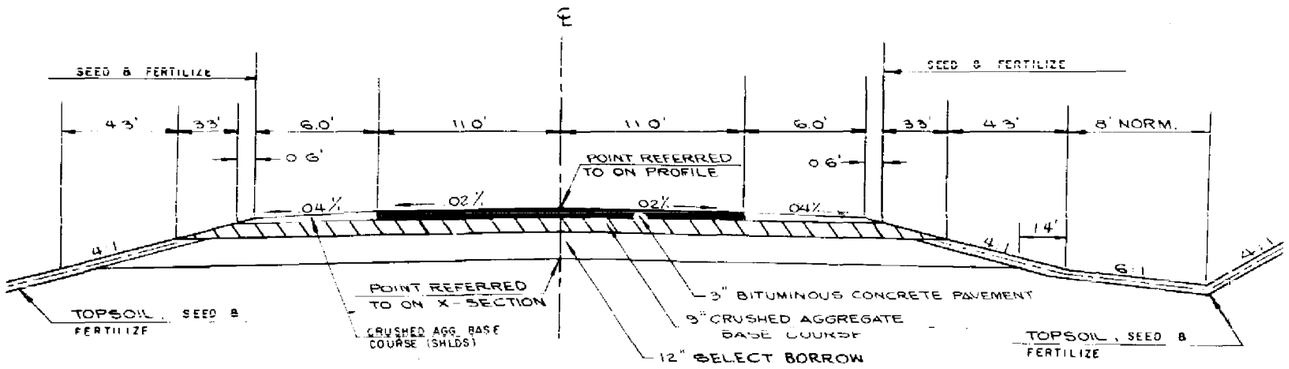
TYPICAL SECTION - N.W. RAMP
(LOOKING UP STATION)
OR
NORTH



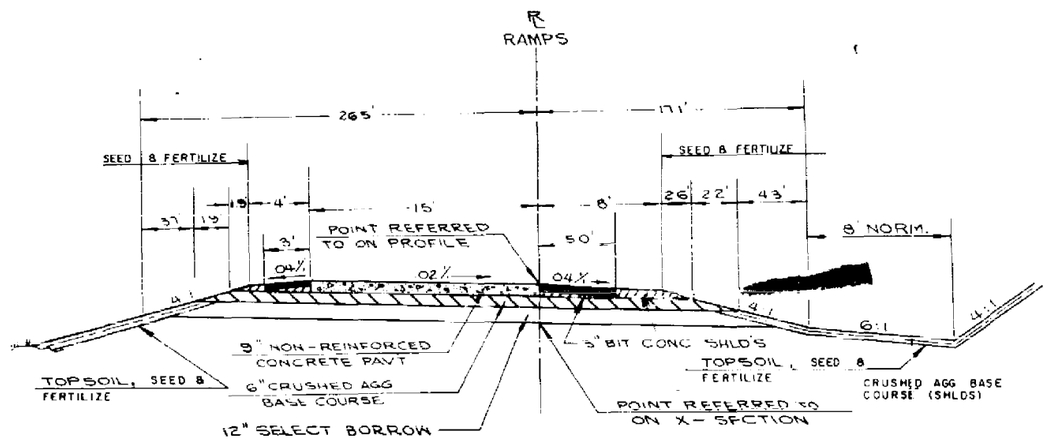
TYPICAL SECTION - N.E. RAMP

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	22

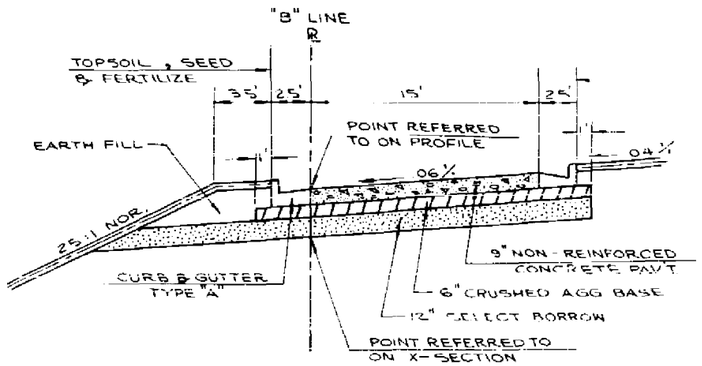
TYPICAL SECTIONS



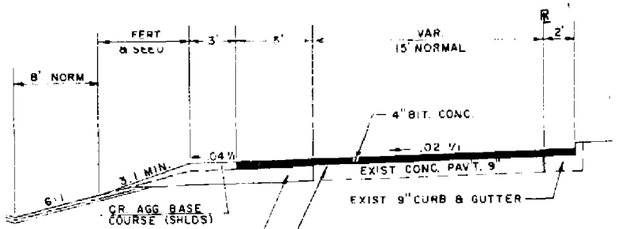
TYPICAL SECTION - EAST FRONTAGE ROAD



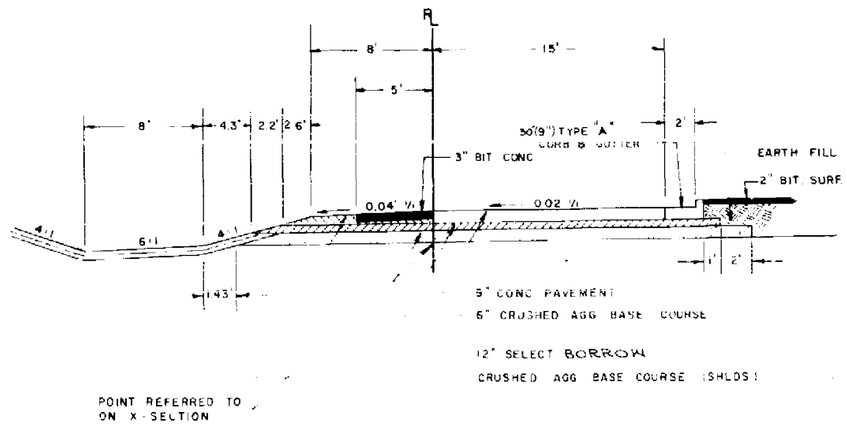
S.W. RAMP (LOOKING DOWN STATION)
S.E. RAMP (LOOKING UP STATION)



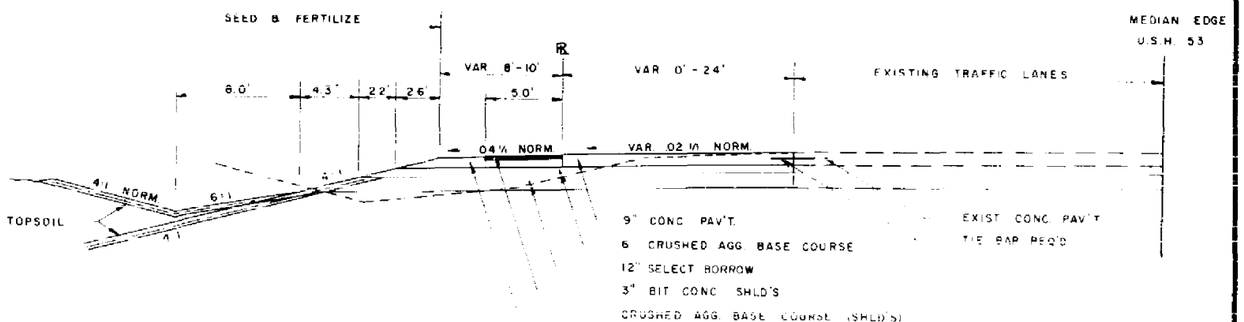
TYPICAL SECTION
"B" LINE
STA. 96+00 - 98+39



TYPICAL SECTION FOR COLLECTOR RD.
STA. 54 ± 83 - 62 ± 47



TYPICAL SECTION FOR COLLECTOR ROAD
STA. 63 ± 43 - 66+50



TYPICAL SECTION OF PAVEMENT WIDENING

STA. 66+50 - 84±00 S.B. LT.
STA. 104±50 - 111±42 S.B. LT.
STA. 107+08 - 133±08 N.B. RT.

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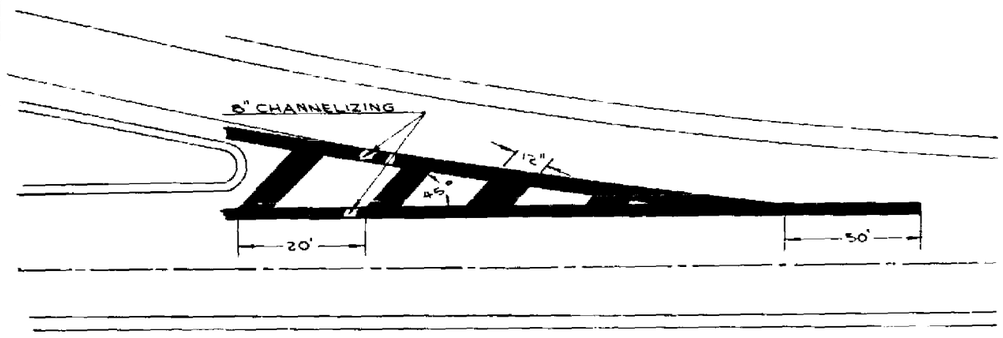
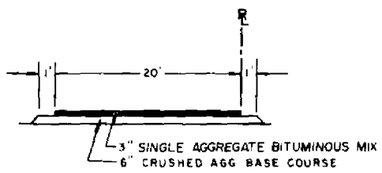
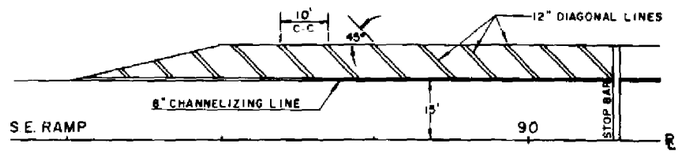
TYPICAL SECTIONS AND DETAILS



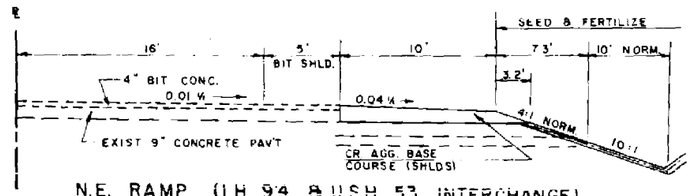
EXIT TERMINAL PAVEMENT MARKING



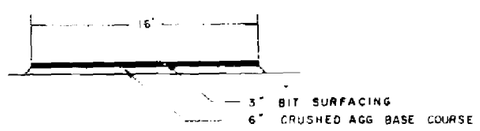
TYPICAL SECTION FOR
TEMPORARY ROADS



S.E. RAMP PAVEMENT MARKINGS

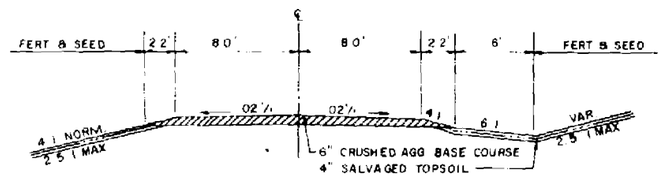


N.E. RAMP (I.H. 94 & U.S.H. 53 INTERCHANGE)
TYPICAL SECTION FOR SHOULDER
RECONSTRUCTION RT.
STA. 569+80 TO STA. 562+50

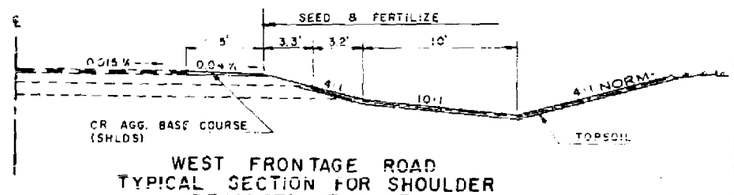


TYPICAL SECTION FOR TEMPORARY
MEDIAN CROSSOVER

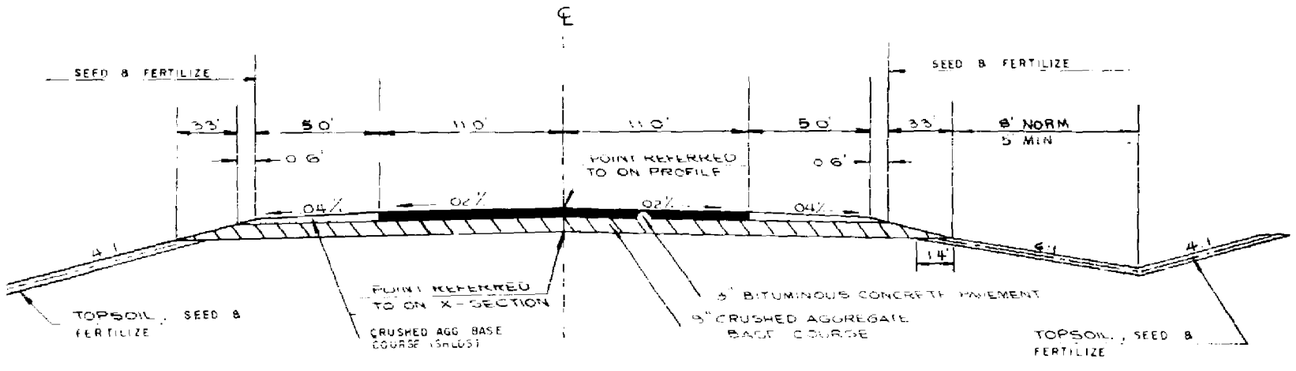
STA 56±85 - 62±47



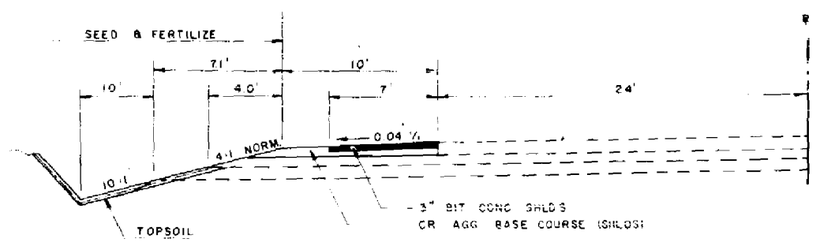
TYPICAL SECTION
FOR PRIVATE ENTRANCE



WEST FRONTAGE ROAD
TYPICAL SECTION FOR SHOULDER
RECONSTRUCTION RT.
STA. 60+00 TO STA. 62+00



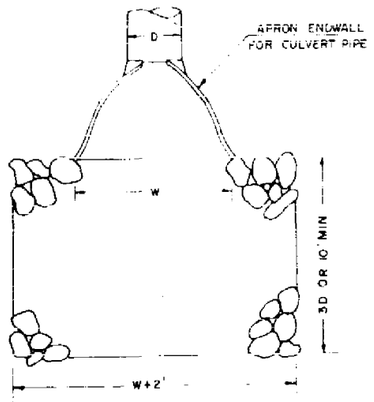
TOWN ROAD CONN. TO
EAST FRONTAGE RD.



SOUTHBOUND U.S.H. 53
TYPICAL SECTION FOR SHOULDER
RECONSTRUCTION LT.
STA 119+75 TO STA. 126+90

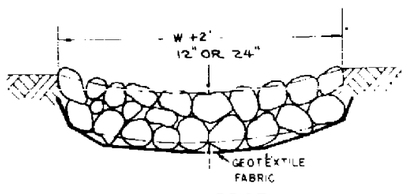
STATE PROJECT NUMBER	SHEET NO
7255-05-71	2.4

SPECIAL DETAILS

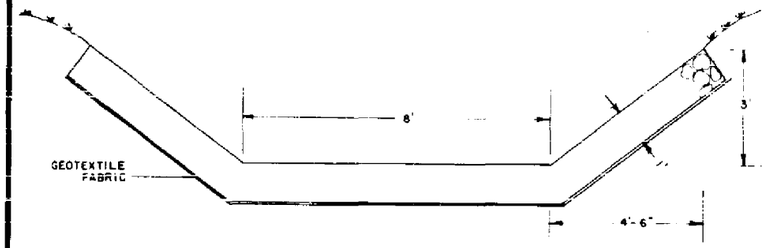


RIPRAP DISCH. APRON

ADJUST TO FIT FIELD CONDITIONS

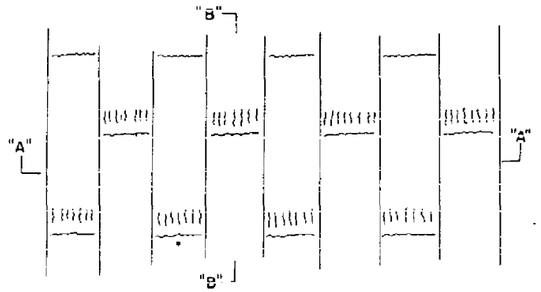


END VIEW OF RIPRAP

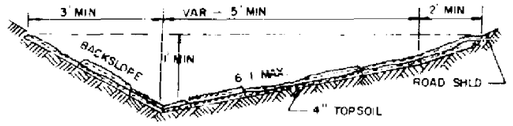


TYPICAL SECTION OF
RIPRAP FOR DRAINAGE CHANNEL

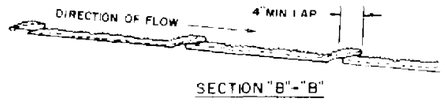
SPECIAL DETAIL FOR SOD DITCH



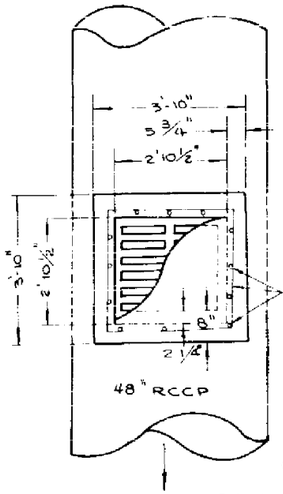
PLAN VIEW

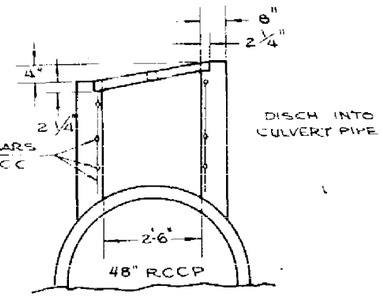


SECTION "A"-"A"



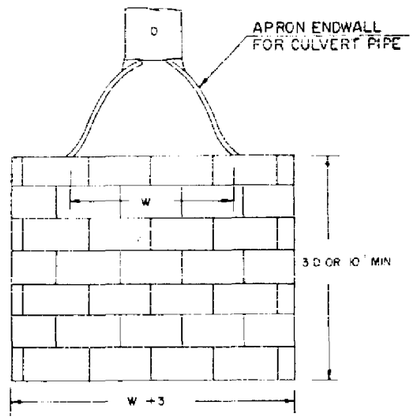
SECTION "B"-"B"



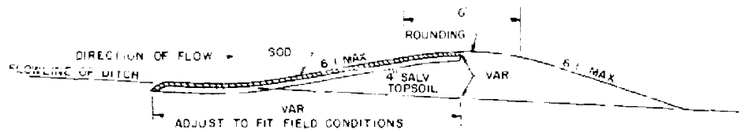


INLET NO. 11

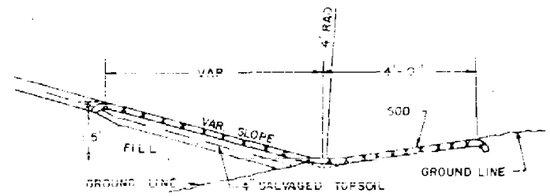
STA. 100+98 N.E. RAMP 52' RT
TYPE 8 MS MODIFIED
USE SALVAGED M.S. GRATE



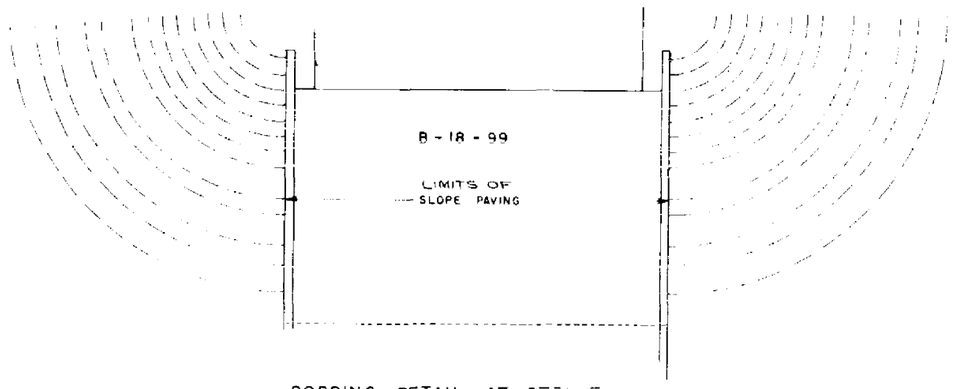
SOD APRON



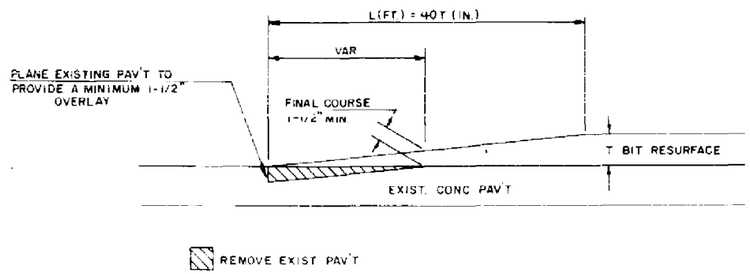
TYPICAL DITCH DAM



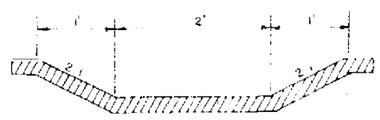
DETAIL FOR SOD AT TOE OF FILL



SODDING DETAIL AT STRUCTURE
ALL QUADRANTS



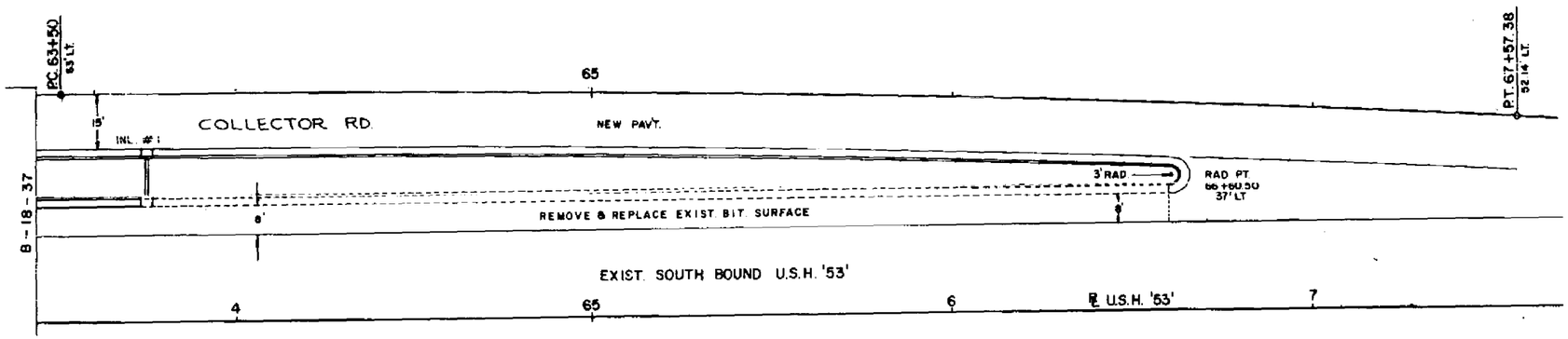
OVERLAP JOINT, BUTTED



SOD FLUME

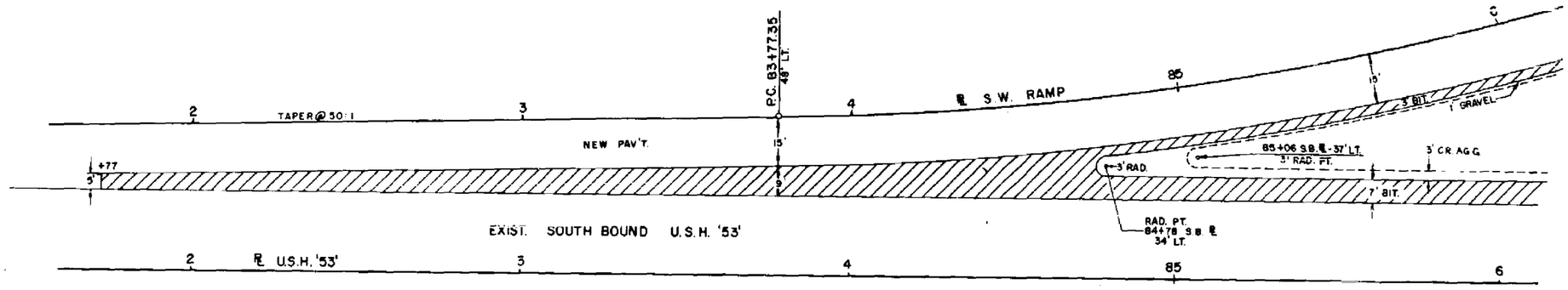
STATE PROJECT NUMBER	SHEET NO.
7255-05-71	25

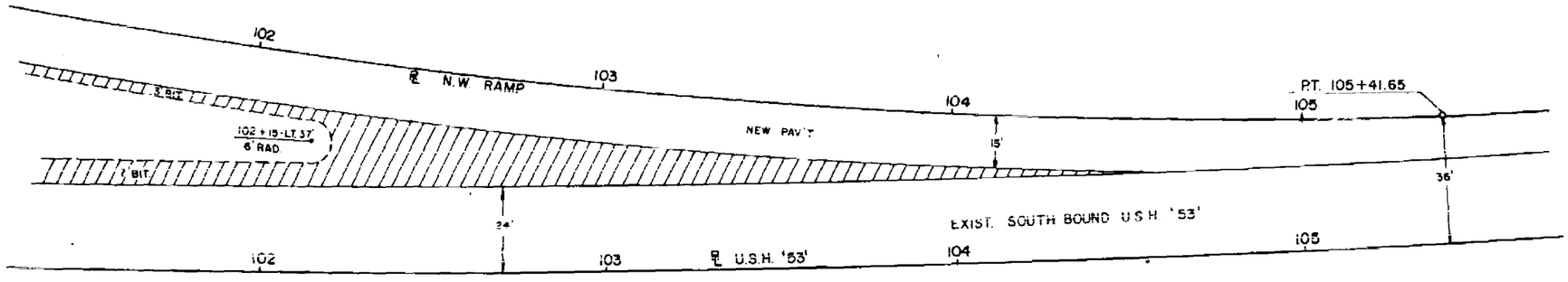
GORE DETAILS



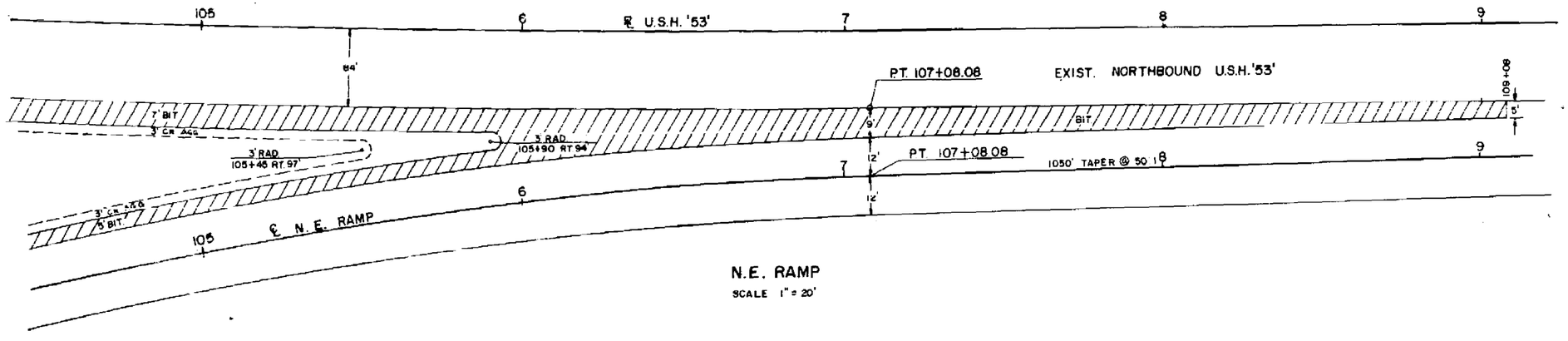
INLET #1

STA. 63+75 S.B. – 46.5' LT.
1 - TYPE 3H INLET REQ'D.
FL. ELEV. 927.56
TOP OF BOX 926.77
DISCH. ELEV. 924.27
DEPTH OF BOX 2.5'
1 - 12" X 12' RCPSS REQ'D.





N.W. RAMP
SCALE 1" = 20'



N.E. RAMP
SCALE 1" = 20'

STATE PROJECT NUMBER	SHEET NO
7255-05-71	2.6

C.T.H. "AA" DETAIL

INLET NO 2
STA 93+00 N.W. RAMP LT. 36'
1-1A INLET REQ'D.
F.L. ELEV 902.15
TOP OF BOX ELEV 901.36
INVERT ELEV. 897.86
DEPTH OF BOX 3.5'
1-12"X18' RCPSS REQ'D.
DISCH. TO INLET NO 3

INLET NO. 3
STA. 98+38.96 'B' LINE LT. 15'
1-3H INLET REQ'D
F.L. ELEV 901.47
TOP OF BOX ELEV 900.68
INVERT ELEV. 897.18
DEPTH OF BOX 3.5'
DISCH TO LT DITCH
1-12"X 54' PVU. RFQ'D.
2-20° ELBOWS REQ'D
1-APRON ENDWALL REQ'D.

CURVE DATA 'B' LINE
PI. 97+05.17
Δ 53° 52' 04.75"
D 18° 36' 42"
T 156.41'
L 289.43'
R 307.85'
E 37.46'

INLET NO. 4
STA 97+60 C.T.H. 'AA' LT. 45.5'
1-3H INLET REQ'D.
F.L. ELEV. 907.75
TOP OF BOX ELEV. 906.96
INVERT ELEV. 903.60
DEPTH OF BOX 3.36'
1-12"X110' PVU REQ'D.
2-15° ELBOWS REQ'D.
1-ARRON ENDWALL REQ'D.
DISCH TO LT DITCH
STA. 98+30 CTH "AA"

P.T. 98 'B'+38.19
22' LT. OF STA. 93+01.85 N.W. RAMP

END 'B' LINE TAPER
STA. 93+97.14 N.W. RAMP

IDENTICAL POINTS

INLET NO. 5
STA 97+92 C.T.H. "AA" LT. 5.0'
1-1A. INLET REQ'D.
F.L. ELEV. 908.68
TOP OF BOX ELEV. 907.80
INVERT ELEV. 903.76
BOX DEPTH 4.04'
12"X 54' RCPSS REQ'D.
DISCH. TO INLET NO. 4

STA 96 'B'+00
DROP CURB FACE LT & RT

POT 94 'B'+00
56' LT OF STA. 94+00 C.T.H. "AA"

P.C. 95 'B'+48.76
63.53' LT OF STA. 95+42.58 C.T.H. "AA"

STA. 97+09.42 N.W. RAMP

STA 91+25 N.W. RAMP
DROP CURB FACE LT

STA. 90+50 S.W. RAMP
DROP CURB FACE LT.

P.T. STA 97+30 R*
STA 90+71.14 N.W. RAMP

STR B-18-99

C.T.H. "AA"

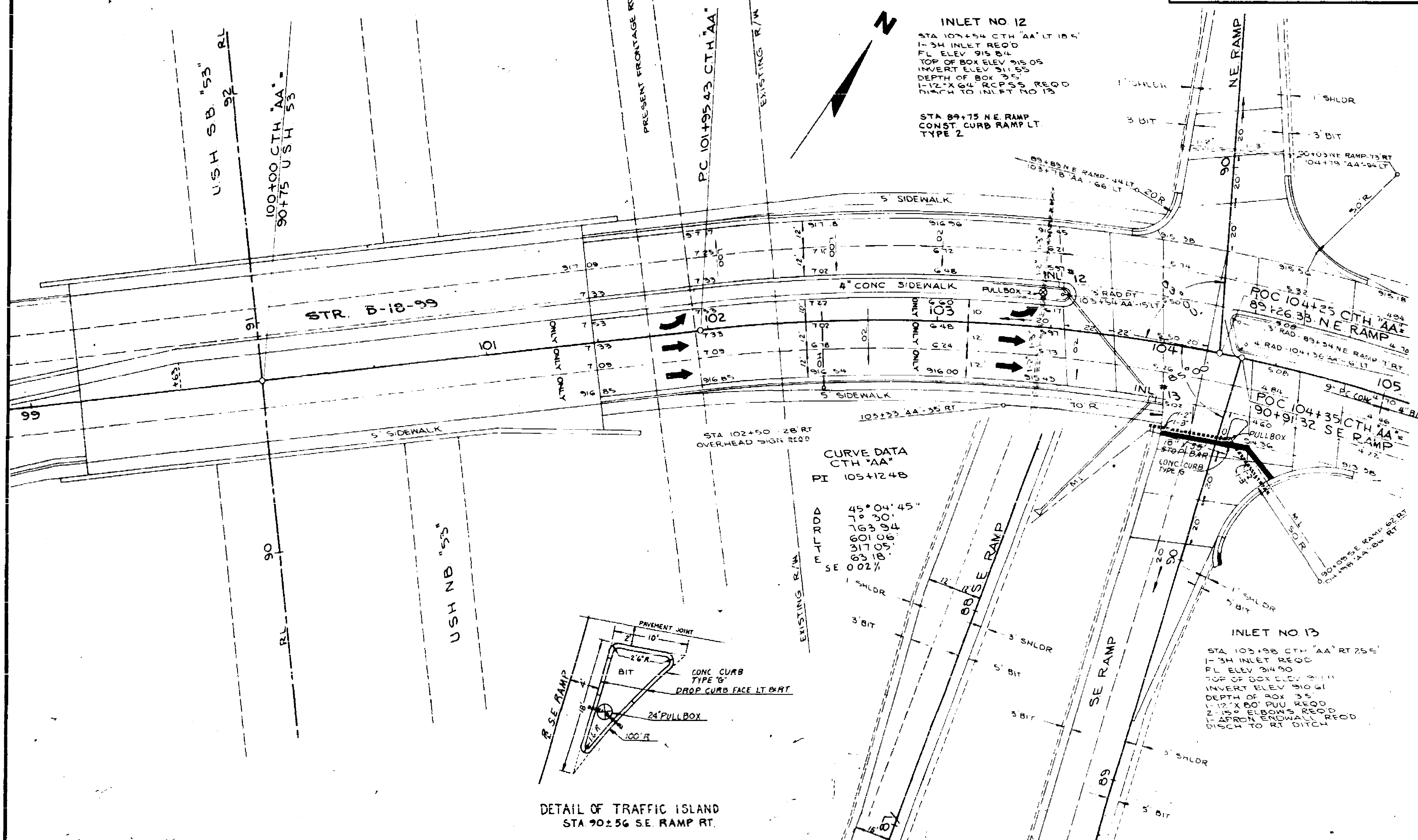
STA 90+55 S.W. RAMP
CONST. CURB RAMP RT.

INLET NO. 6
STA 96+00 CTH "AA"-RT 37.5'
1-3H INLET REQ'D.
F.L. ELEV 908.13
TOP OF BOX ELEV. 907.40
INVERT ELEV. 903.50
DEPTH OF BOX 3.5'
1-12"X 44' RCPSS
DISCH. TO INLET NO 5

BEGIN CONSTRUCTION
STA. 94+00

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	21

C.T.H. "AA" DETAIL



STATE PROJECT NUMBER	SHEET NO
7255-05-71	2.8
C.T.H "AA" DETAILS	

INLET NO. 8

STA. 107+00 C.T.H. "AA" LT. 18.5'
1- 3H INLET REQ'D.
F.L. ELEV. 913.52
TOP OF BOX ELEV. 912.73
INVERT ELEV. 909.18
DEPTH OF BOX 3.6'
1- 12"X 54' RCP SS REQ'D.
1- APRON ENDWALL REQ'D.
DISCH TO LT. DITCH

INLET NO. 7

STA. 107+00 C.T.H. "AA" LT. 1.5'
1- 3H INLET REQ'D.
F.L. ELEV. 913.52
TOP OF BOX ELEV. 912.73
INVERT ELEV. 909.23
DEPTH OF BOX 3.5'
1-12"X 18' RCP SS REQ'D.
DISCH TO INLET NO. 8

PT. 92+82.68 ℄ EAST FRONTAGE RD.

EAST FRONTAGE RD. 92

6' SHLDR.

6' SHLDR.

N

P.C. 91+13.73 ℄ EAST FRONTAGE RD.

91

91+03 E.F.RD. - 55' LT.
106+90 'AA' - 85' LT.

40' R.

18"X25' STOP BAR

60' R.

91+06 E.F.R. - 75' RT.
108+08 AH - 82' LT.

POT 107+96.48 ℞ C.T.H. "AA" AH

107+97 AH 'AA' - 21' LT.

3' RAD PT.
110+85 'AA' - 3' RT.

111

6' SHLDR.

12'

112

6' SHLDR

12'

11'

PE

5' SHLDR.

107+02 'AA' 32' LT.

#8 INL.

30' R.

85° 00'

5' RAD PT.
107+11 'AA' - 10' LT.

PULLBOX

107

106

#1 INL.

30' R.

86° 14' 11"

PULLBOX

105

107+02 'AA' - 12' RT.

9" P.C. CONC

4" BIT.

5' SHLDR.

45' R.

5' RAD PT.
107+16 BK 'AA' - 10' LT.

20'

2-PULLBOX

108+12 2' RAD PT.
108+12 'AA' - 15' RT.

108+12 2' RAD PT.
108+12 'AA' - 12' RT.

109

INL. #9

INL. #10

35' R.

108+61 'AA' - 21' RT.

110

C.T.H "AA"

25' R.

109+39 'AA' - 21' RT.

2' RAD PT.
110+96 'AA' - 5' RT.

111

6' SHLDR.

6' SHLDR.

PE

18"X25' STOP BAR

EAST FRONTAGE RD.

89

6' SHLDR.

STA. 2 RAD PT.
107+51 BK 'AA' - 21' RT.

POC 107+46.32 C.T.H. "AA"
90+12.43 EAST FRONTAGE RD.

PT. 107+96.48 ℞ C.T.H. "AA" BK.

40' R.

89+42 E.F.RD. - 55' RT.
108+03 'AA' - 92' RT.

89+07 E.F.RD. - 75' LT.
106+53 'AA' - 96' RT.

60' R.

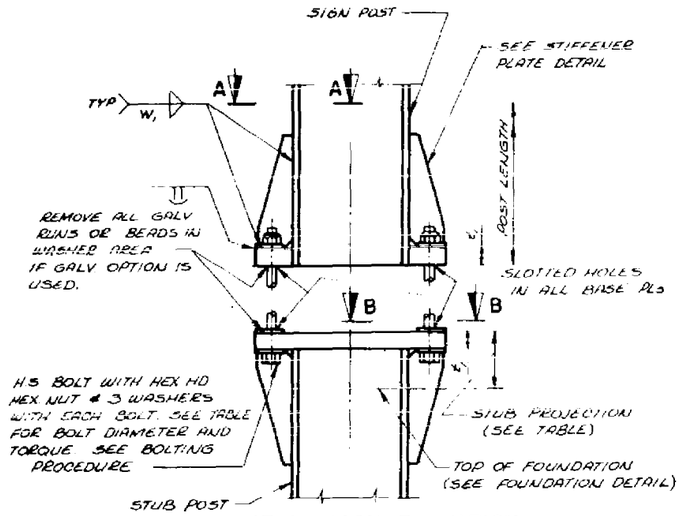
INLET NO. 10

STA. 108+85 C.T.H. "AA" RT. 13.0'
1- 1A INLET REQ'D.
F.L. ELEV. 913.06
TOP OF BOX ELEV. 912.27
INVERT ELEV. 909.14
DEPTH OF BOX 3.13
1- 12" X 48' RCP SS REQ'D.
1- APRON ENDWALL REQ'D.
DISCH. TO LT. DITCH
DITCH TO DRAIN

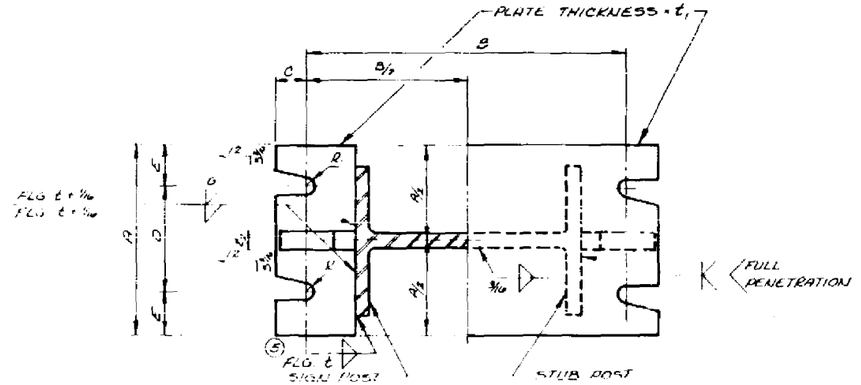
INLET NO. 9

STA. 109+17 C.T.H. "AA" RT. 12.0'
1- 1A INLET REQ'D.
F.L. ELEV. 913.06
TOP OF BOX ELEV. 912.27
INVERT ELEV. 909.24
DEPTH OF BOX 3.03'
1- 12"X 34' RCP SS REQ'D.
DISCH. TO INLET NO. 10

PROJECT I.D.	SHEET NUMBER
7255-5-71	29
FEDERAL PROJECT DESIGNATION	

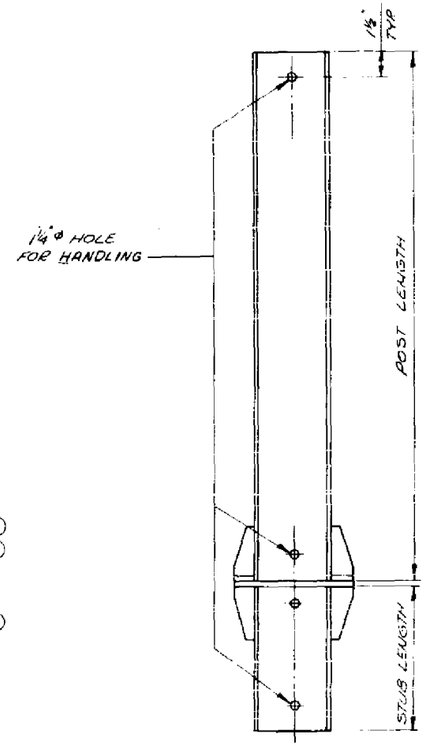


SIGN POST AND STUB POST ELEVATION



SECTION AA

SECTION BB

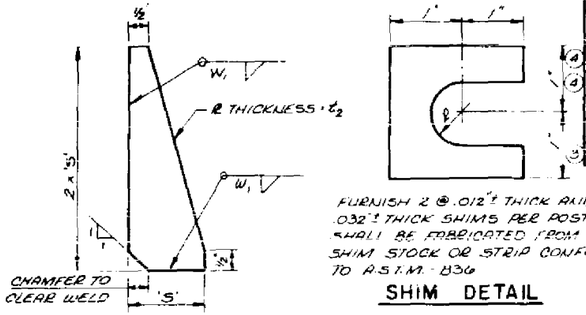


POST DETAIL

TYPE	DIMENSION POST SIZE	BOLT SIZE & TORQUE	A	B	C	D	E	t_1	t_2	W1	R	S	STUB LENGTH	STUB PROJECTION	SHAFT DIAMETER	SHAFT LENGTH	K
A	W 10 x 12.0 #/FT	3/4" ø @ 75 #/FT	5 1/4	2 3/8	3/8	3 1/2	7/8	1	1/2	5/16	3/32	2 1/8	3'-6	3	2'-0"	5'-0	76.0 # (4)
B	W 12 x 16.0 #/FT	7/8" ø @ 85 #/FT	5 1/2	2 1/4	1	3 1/2	1	1 1/4	1/2	5/16	3/32	3	5'-6	3 3/8	2'-0"	7'-0	146.5 # (4)
C	W 12 x 19.0 #/FT	7/8" ø @ 85 #/FT	5 1/2	2 1/4	1	3 1/2	1	1 1/2	1/2	5/16	15/32	3	6'-0	3 3/8	2'-0"	7'-6	182.1 #
D	W 12 x 22.0 #/FT	7/8" ø @ 85 #/FT	5 1/2	2 1/4	1	3 1/2	1	1 1/2	1/2	5/16	15/32	3	6'-6	3 3/8	2'-0"	8'-0	210.5 #
E	W 12 x 26.0 #/FT	1" ø @ 90 #/FT	7	2 3/4	1 1/4	4	1 1/2	1 1/2	1/2	5/16	15/32	3	7'-0	3 3/8	2'-0"	8'-6	293.0 # (3)

(1) (1) (1)

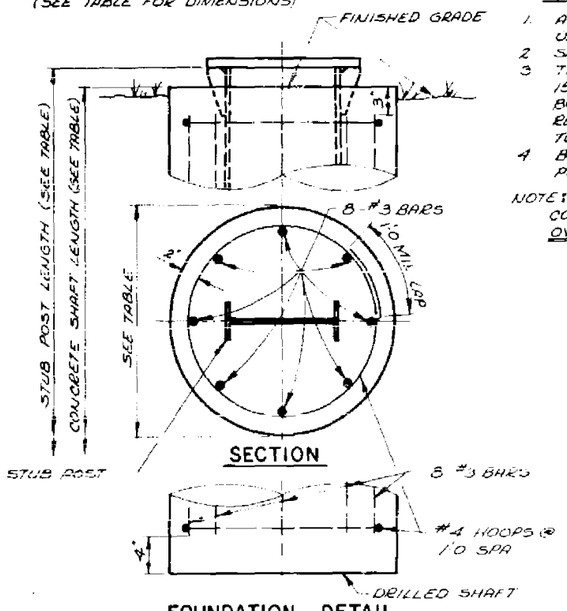
STRUCTURAL CARBON STEEL PAY WTS (1 POST) = K+ (POST LENGTH x POST WT). 'K' INCLUDES STUB, BASE PLATES, STIFFS, BOLTS, AND WASHERS.



STIFFENER PLATE DETAIL
(SEE TABLE FOR DIMENSIONS)

FURNISH 2 @ .012" THICK AND 2 @ .032" THICK SHIMS PER POST. SHIMS SHALL BE FABRICATED FROM BRASS SHIM STOCK OR STRIP CONFORMING TO A.S.T.M. - B36

SHIM DETAIL

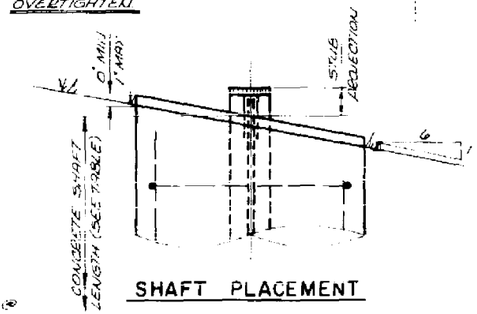


FOUNDATION DETAIL

BOLTING PROCEDURE - BASE CONNECTION

1. ASSEMBLE SIGN POST TO STUB POST WITH BOLTS AND OUT OF THE FLAT WASHERS ON EACH BOLT BETW. PLATES.
2. SHIM AS REQUIRED TO PLUMB POST.
3. TIGHTEN ALL BOLTS THE MAXIMUM POSSIBLE WITH 12" OR 15" WRENCH TO BED WASHERS & SHIMS AND TO CLEAN BOLT THREADS, THEN LOOSEN EACH BOLT IN TURN AND RETIGHTEN IN A SYSTEMATIC ORDER TO THE PRESCRIBED TORQUE. (SEE TABLE)
4. BURR THREADS AT JUNCTION WITH NUT USING A CENTER PUNCH TO PREVENT NUT LOOSENING.

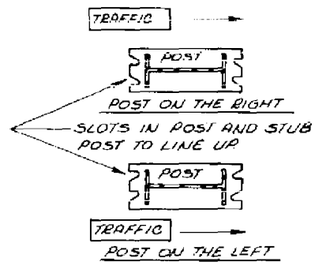
NOTE: TIGHTEN THE HIGH STRENGTH BOLTS IN THE BASE CONNECTION ONLY TO THE TORQUE SHOWN. DO NOT OVERTIGHTEN.



SHAFT PLACEMENT

QUANTITIES FOR 1 FTG		
	CONC. MASONRY CY	REINF STEEL LBS
A	.6	34
B	.8	49
C	.9	50
D	.9	56

REINF		
TYPE	#3	#4
A	8 @ 4'5	5 @ 6'3
B	8 @ 6'5	7 @ 6'3
C	8 @ 6'11	7 @ 6'3
D	8 @ 7'5	8 @ 6'3



POST SLOT ORIENTATION

DESIGN DATA

WIND PRESSURE = 75 M.P.H.
WIND COMPONENTS - NORMAL = 1.0 TRANSVERSE = 0.0
ICE LOAD = 3 P.S.F.

GROUP LOADS	PERCENT OF ALLOWABLE STRESS	
I DEAD	100	
II DEAD & WIND	140	
III DEAD, ICE & 1/2 WIND*	140	* 25 P.S.F. MIN.

ALLOWABLE SOIL PRESSURE = 1 1/2 T/SQ FT
WIND LOAD WAS APPLIED TO THE AREA OF THE SIGN AND TO THE SUPPORTING MEMBERS.
ICE LOAD WAS APPLIED TO ONE FACE OF THE SIGN AND AROUND THE SURFACE OF THE SUPPORTING MEMBERS.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
DESIGN CONFORMS WITH A.A.S.H.T.O. SPECIFICATIONS 1975.
ALL POSTS, POST STUBS & ATTACHMENTS SHALL BE EITHER (4) A572 GRADE 50 OR A588.
IF A572 MATERIAL IS USED, THE POST, BASE PLATES, UPPER SIX INCHES OF STUB POST, FLANGE SPLICE PL AND FUSE PL SHALL BE GALVANIZED AFTER FABRICATION.
H.S. BOLTS, WASHERS & NUTS SHALL BE A325 TYPE 3 NOT GALVANIZED. THIS APPLIES TO A572 & WELD HS A588 POSTS. (5)

NO.	DATE	REVISION	BY
(5)	10-13-81	BASE CONN. WELD	
(4)	10-19-79	POST A & B, A572 OR 50, & K	
(3)	4-23-79	TYPE 'E'	
(2)	11-28-78	'K'	
(1)	5-9-78	t_1, t_2, & W_1	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

TYPE A, B, C, & D

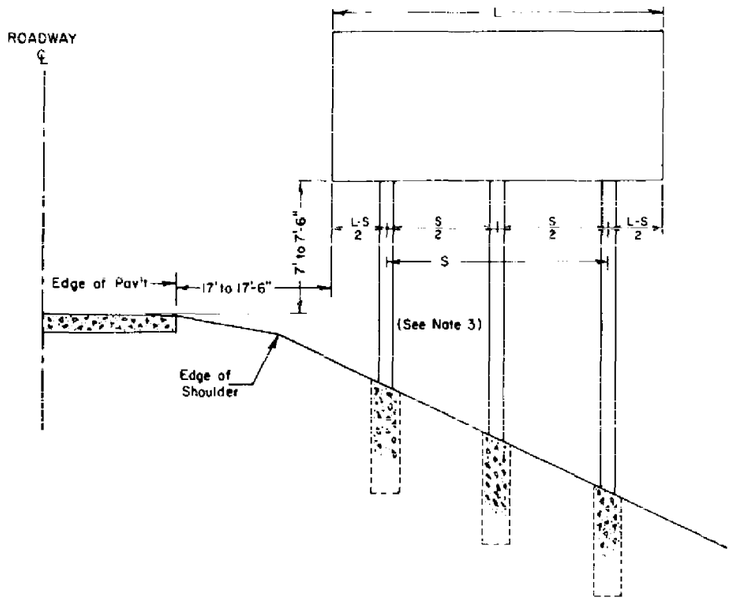
Const Spec 1975	DR R.J.G.	DATE 1-31-77	Plans Checked F.O.M.

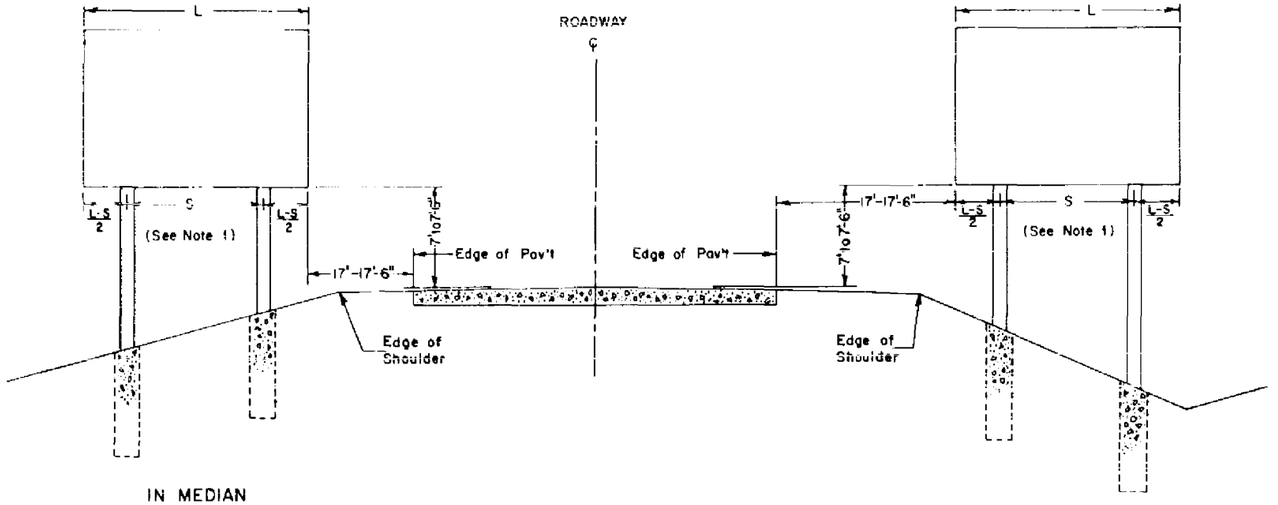
WISCONSIN DEPT OF TRANSPORTATION
APPROVED
CHIEF TRAFFIC ENGINEER
DATE 11-25-81 PLATE NO. A3-1.9

FOOTING & SIGN SUPPORT DETAILS. GROUND MOUNT BREAK-AWAY SIGNS SHT 1 OF 1

X5763

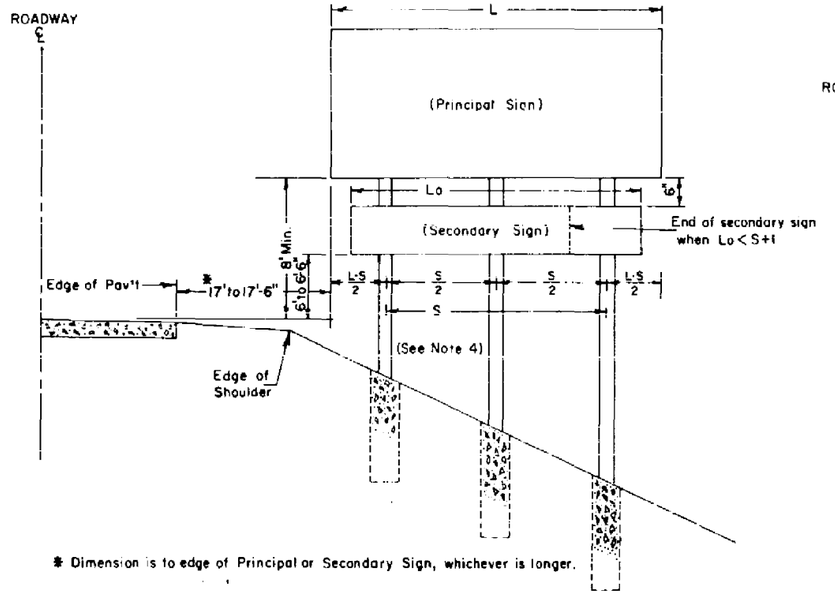
PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
1255-5-71	2.10	
PROJECT DESIGNATION		



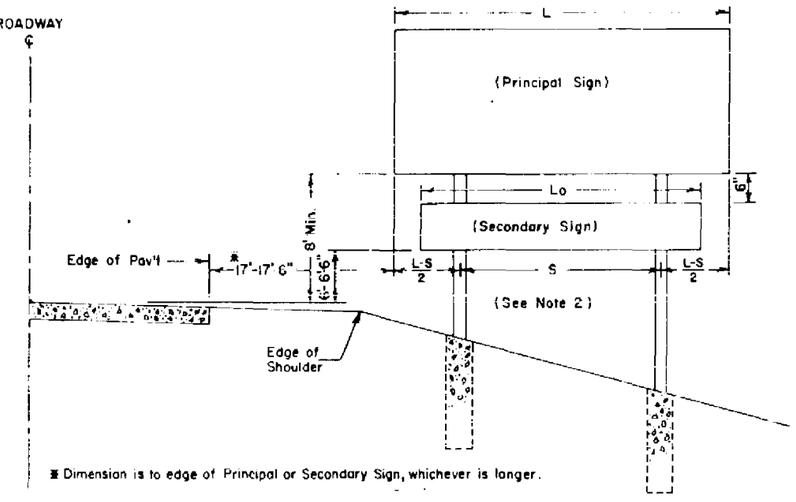


IN MEDIAN

ON OUTSIDE SHOULDER



* Dimension is to edge of Principal or Secondary Sign, whichever is longer.



* Dimension is to edge of Principal or Secondary Sign, whichever is longer.

GENERAL NOTES:

1. Single sign mounted on two posts (a) if L equals or exceeds 15 feet, S equals $\frac{3L}{5}$. (b) if L is less than 15 feet, S equals 9 feet. (Design note: L must equal or exceed 10 feet.)
2. Two signs mounted on two posts (a) if Lo equals or exceeds S+1 feet as defined in Note 1, use S determined in accordance with Note 1. (b) if Lo is less than S+1 feet as defined in Note 1, use S equals Lo−1 feet. (Design note: L must equal or exceed 10 feet and Lo must equal or exceed $\frac{2L}{5}$ +1 feet or 10 feet whichever is greater.)
3. Single sign mounted on three posts (a) if L equals or exceeds 30 feet, S equals $\frac{3L}{5}$. (b) if L is less than 30 feet, S equals 18 feet. (Design note: L must equal or exceed 19 feet.)
4. Two signs mounted on three posts: Use S as determined in accordance with Note 3. (a) If Lo equals or exceeds S+1 feet, mount the secondary sign centered on all three posts. (b) if Lo is less than S+1 feet, mount the secondary sign centered on the two posts closest to the roadway without connection to the third post. (Design note: L must equal or exceed 19 feet and Lo must equal or exceed $\frac{3L}{10}$ +1 feet or 10 feet whichever is greater.)

Date Redrawn — 1/13/77

Date Revised — 8/27/74, 1/13/77

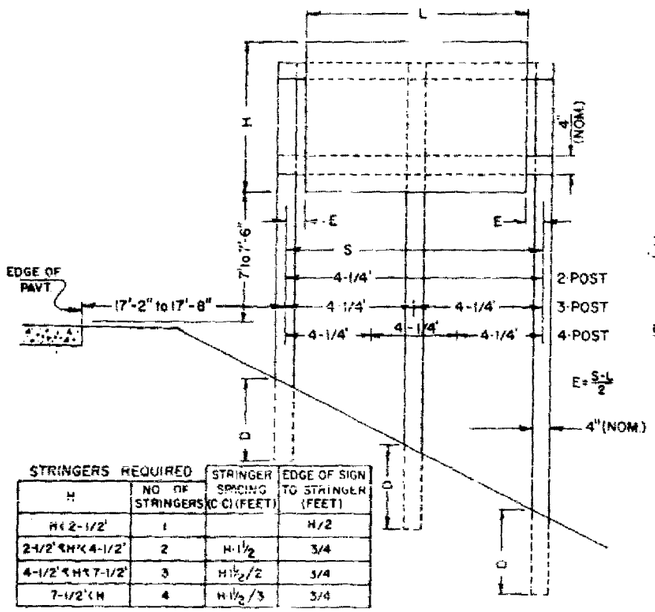
TYPICAL INSTALLATION OF TYPE I_4 SIGNS ON STEEL BREAKAWAY POSTS

WISCONSIN DIVISION OF HIGHWAYS

APPROVED: Wayne N. Voth CHIEF TRAFFIC ENGINEER

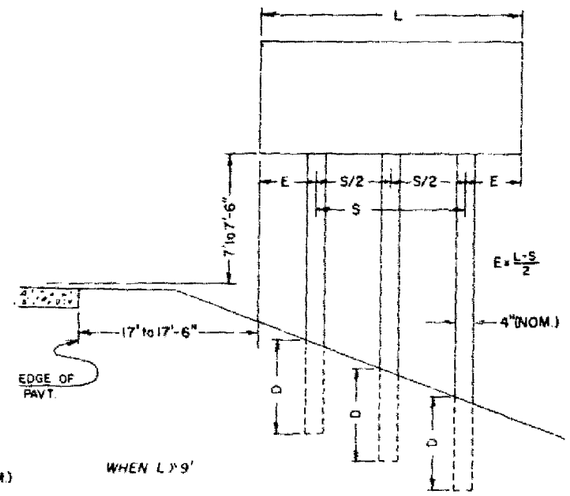
DATE 1-26-77 PLATE NO. A4-1.3

PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
7255-5-71	2.11	
PROJECT DESIGNATION		

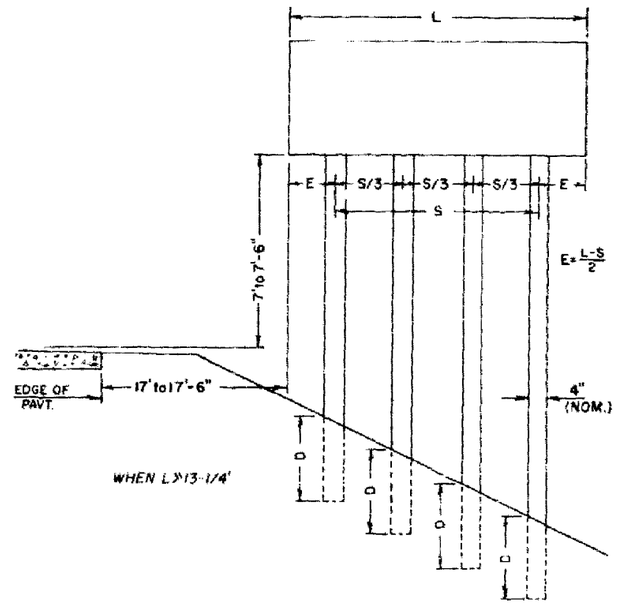


STRINGERS REQUIRED			
H	NO. OF STRINGERS	STRINGER SPACING (C-C) (FEET)	EDGE OF SIGN TO STRINGER (FEET)
H ≤ 2-1/2'	1		H/2
2-1/2' < H ≤ 4-1/2'	2	H-1½	3/4
4-1/2' < H ≤ 7-1/2'	3	H-1½/2	3/4
7-1/2' < H	4	H-1½/3	3/4

WHEN L ≤ 3' (TWO POST INSTALLATION)
OR L ≤ 9' (THREE POST INSTALLATION)
OR L ≤ 13' (FOUR POST INSTALLATION)



WHEN L > 9'

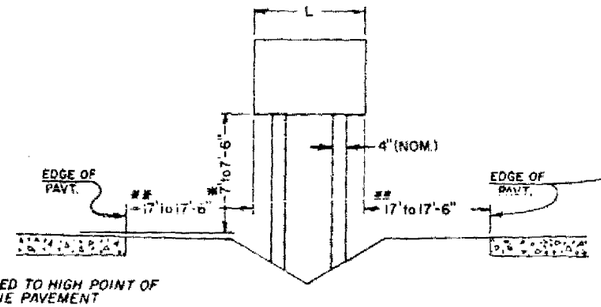


WHEN L > 13-1/4'

TABLE OF POST SPACING

L (FEET)	TWO POSTS DIAMOND SHAPE SIGNS S (FEET - INCHES)	TWO POSTS SIGNS OTHER THAN DIAMOND SHAPE S (FEET)	THREE POSTS S (FEET)	FOUR POSTS S (FEET)
L ≤ 3		4-1/4		
3 < L ≤ 5	1'-8"	L-2		
5 < L ≤ 6	2'-8"			
6 < L ≤ 7	3L/5'		8-1/2'	
7 < L ≤ 9	3L/5'	3L/5'		
9 < L ≤ 13				12-3/4
13 < L ≤ 15				
15 < L ≤ 17			2L/3	
17 < L ≤ 18				3L/4
18 < L ≤ 24				3L/4

L = HORIZONTAL DIMENSION OF SIGN S = SPACE BETWEEN OUTSIDE POSTS (C-C)

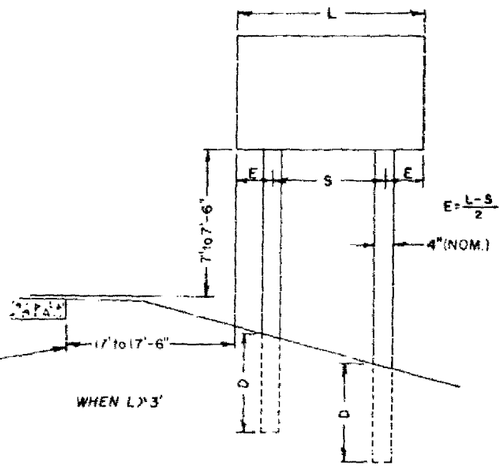


\# MEASURED TO HIGH POINT OF MAINLINE PAVEMENT

\#\# MEASURED TO THE EDGE OF SIGN OR TO EDGE OF NEAREST POST, WHICHEVER IS CLOSER TO THE PAVEMENT.

SIGN IN GORE

SPACING OF POSTS IS DEPENDENT ON THEIR NUMBER; SEE OTHER LAYOUTS ON THIS PAGE.



WHEN L > 3'

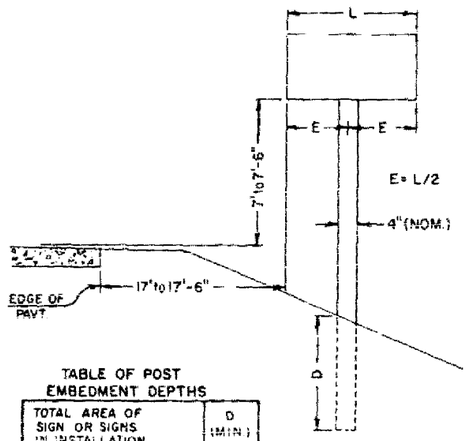


TABLE OF POST EMBEDMENT DEPTHS

TOTAL AREA OF SIGN OR SIGNS IN INSTALLATION (SQ. FT.)	D (MIN.) (FEET)
NOT OVER 20	3-1/2
OVER 20 BUT NOT OVER 50	4
OVER 50	5

Date Drawn — 1-20-77

Date Revised —

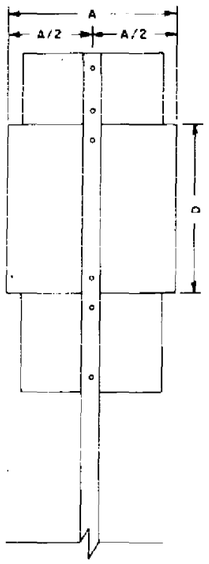
TYPICAL INSTALLATION OF TYPE III SIGNS ON WOOD POSTS

WISCONSIN DIVISION OF HIGHWAYS

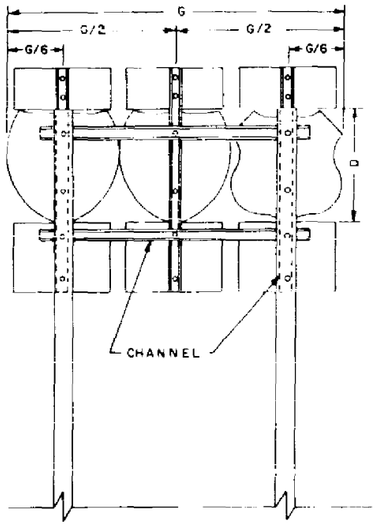
APPROVED Wayne N Walk
CHIEF TRAFFIC ENGINEER

DATE 1-26-77 PLATE NO. A4-2.1

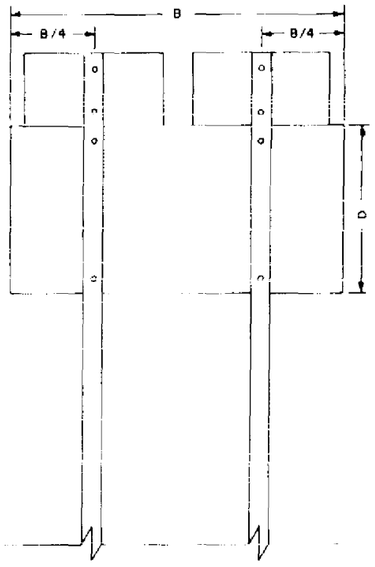
PROJECT I.D.	SHEET NUMBER	TOTAL SHEETS
7255-5-71	2.12	
PROJECT DESIGNATION		



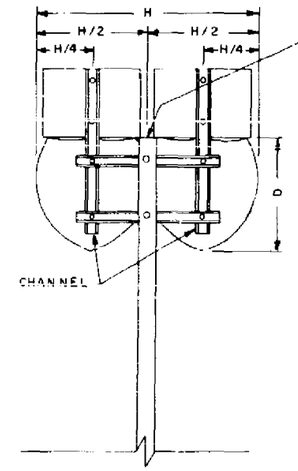
CODE 1 PANEL
WHEN PANEL HEIGHT D=18,24,36 INCHES



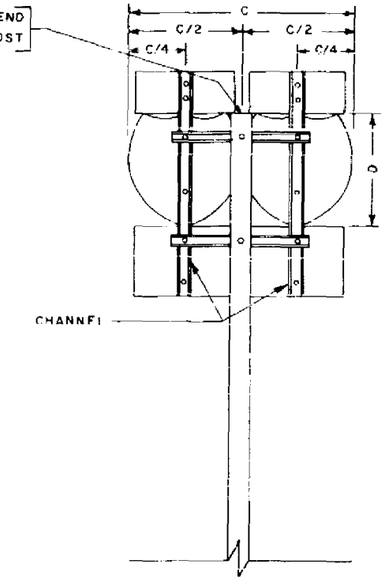
CODE 3 PANEL
WHEN SHEILD HEIGHT D=24,36 INCHES
USING ONE OR MORE CUTOUT MARKERS



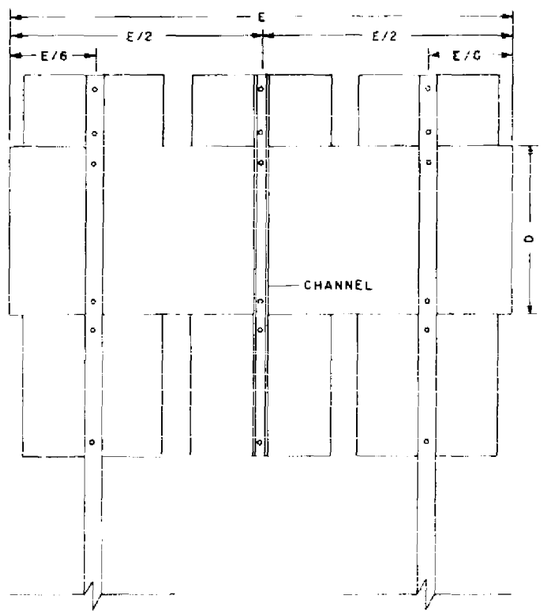
CODE 2 PANEL
WHEN PANEL HEIGHT D=36 INCHES



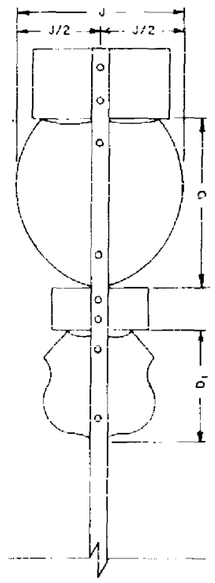
CODE 2 PANEL
WHEN SHEILD HEIGHT D=24,36 INCHES



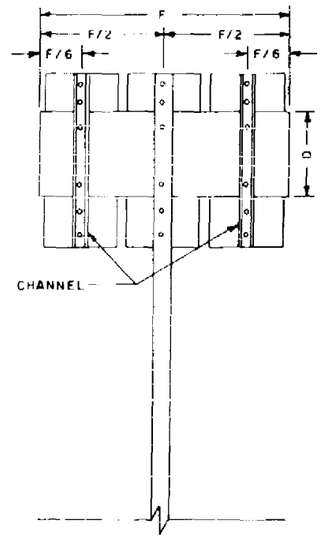
CODE 2 PANEL
WHEN PANEL HEIGHT D=18,24 INCHES



CODE 3 PANEL
WHEN PANEL HEIGHT D=24,36 INCHES
ALL MARKERS ON PANEL



CODE 2 PANEL
WHEN SHEILD HEIGHT D=36 INCHES
D_1=24 INCHES



CODE 3 PANEL
WHEN PANEL HEIGHT D=18 INCHES

NOTE

ALL SIGNS WHICH ARE MOUNTED ON VERTICAL CHANNELS ARE MOUNTED ON HORIZONTAL CHANNELS ATTACHED TO THE POSTS.

THE CHANNEL SUPPORTING THE COMPONENT PARTS OF THE J1, J2, J3, J4 TYPE ASSEMBLIES SHALL BE IDENTICAL IN CROSS SECTION, WEIGHT, AND MATERIAL WITH THE DELINEATOR POST. ALL OF THE SIGNS ARE ILLUSTRATED IN BACK VIEW.

Date Redrawn— February 18, 1971
Date Revised —

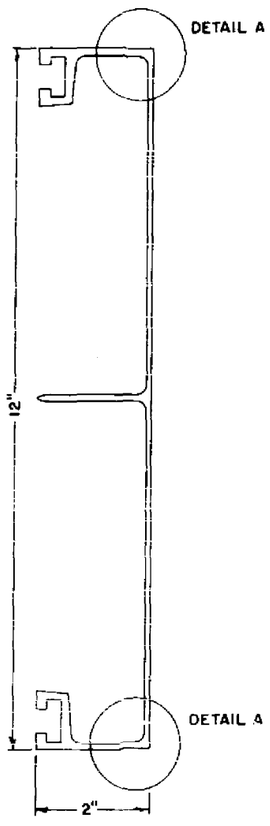
TYPICAL PANEL INSTALLATION FOR TYPE J1, J2, J3 AND J4 ASSEMBLIES

WISCONSIN DIVISION OF HIGHWAYS

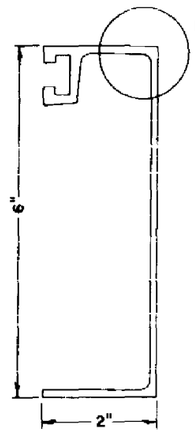
APPROVED _____ CHIEF TRAFFIC ENGINEER

DATE _____ PLATE NO. A9-9.1

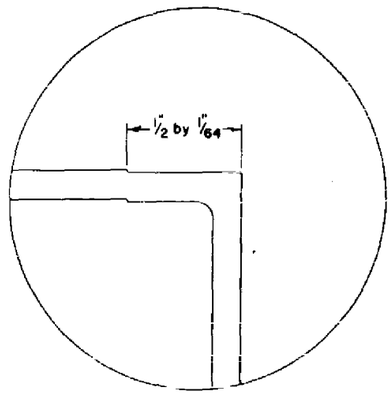
STATE PROJECT NUMBER	SHEET NO.
7255-5-71	2.13



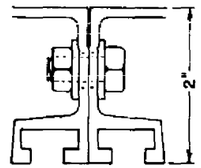
12" Ext.
Min. wt.-2.45 lb/ft.



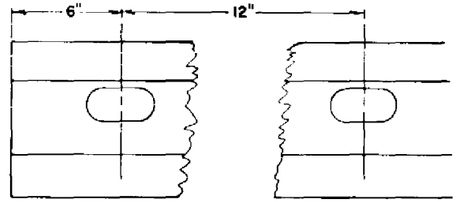
6" Ext.
Min. wt.- 1.1 lb./ft.



DETAIL A



Detail of bolt & washers used to fasten extrusions in fabrication of sign faces.



Punch oval holes beginning 6" in from end of extrusion 12" C to C both edges of 6" and 12" panels, holes to be $\frac{7}{16}$ x $\frac{7}{8}$. Max. bolt spacing 24" C-C, Min. 4 bolts & washers connecting any two extrusions.

NOTES

1. The drawings are intended to illustrate acceptable extrusions for base material for Type I signs.
2. The contractor may select any brand of extrusion that conforms to the above but all extrusions used on this contract shall be of the same brand.

Date Drawn-	Date Redrawn-11-4-83
Date Revised	10-9-73, 11-4-83
	3-3-81
	12-10-82

STANDARD STYLE OF ALUMINUM EXTRUSIONS FOR TYPE I SIGN BASE MATERIAL

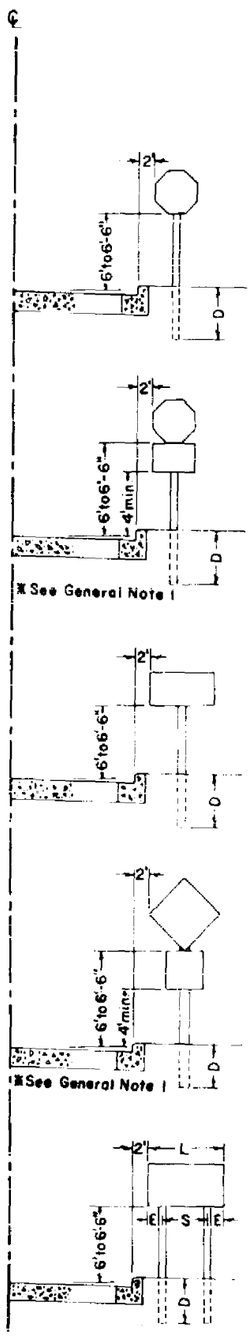
WISCONSIN DEPT OF TRANSPORTATION

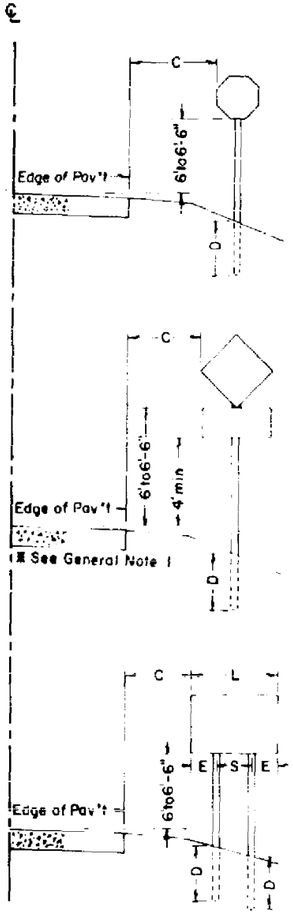
APPROVED _____ Chief Traffic Engineer

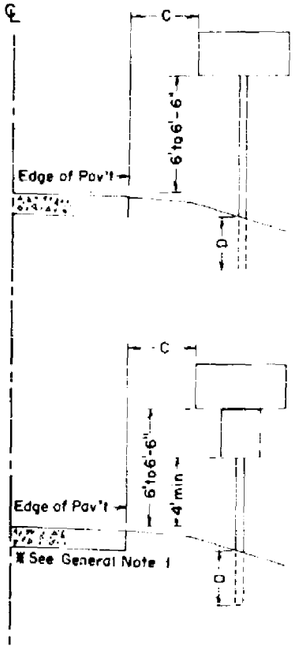
DATE 11-30-83 PLATE NO. A5-2.5

STATE PROJECT NUMBER	SHEET NO
7255-5-71	2.14

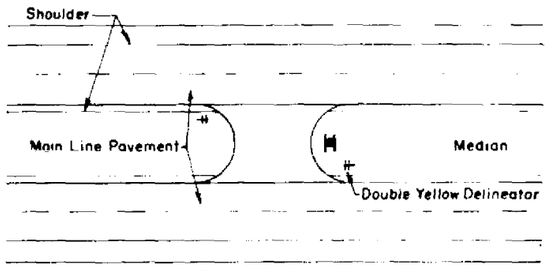
CROSSROADS, RAMPS & FRONTAGE ROADS







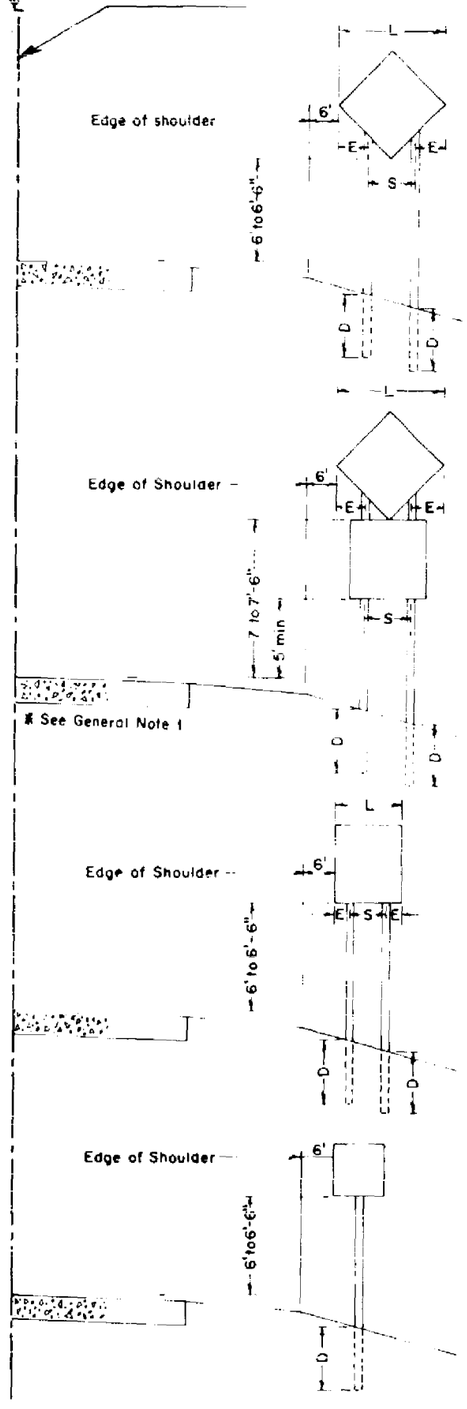
C = Normal width of usable shoulder plus 6'



NOTE Where width of median (edge to edge of pavement) exceeds 40', erect signs on separate posts located 10' from shoulder line.

TYPICAL INSTALLATION OF SIGNS ON MEDIAN CROSSOVERS

FREEWAY MAIN LINE ROADWAY



GENERAL NOTES

1. In installations with two or more signs, the maximum height shown for the upper sign may be exceeded when necessitated by the sum of the minimum height of the lower sign and the vertical dimension of the lower sign.
2. Post spacing "S" may be reduced by the minimum amount necessary to accomodate a supplementary sign mounted below the principal sign.
3. For post spacing for installations with 3 or more posts see plate for "Installation of Type III Signs."
4. On fully illuminated freeways, the mounting heights shown for signs on the Freeway mainlines and ramps shall be increased by 1.0 feet.

POST EMBEDMENT DEPTHS

Total Area of Sign or Signs in Installation (Sq. Ft.)	D (Minimum)
Not over 20'	3.5'
Over 20' but not over 50'	4'
Over 50'	5'

POST SPACING FOR SIGNS WITH TWO POSTS (See Note 2 & 3)

DIAMOND SHAPE SIGNS L	DIAMOND SHAPE SIGNS S
less than 5'	20"
5' or over but less than 6'	32"
6' or over	3L/5

SIGNS OTHER THAN DIAMOND SHAPE L	S
less than 5'	L-24"
5' or over	3L/5

$$E = \frac{L-S}{2}$$

Date Redrawn - 1-13-84
Date Revised 1-13-84

TYPICAL INSTALLATION OF TYPE II SIGNS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED _____ STATE TRAFFIC ENGINEER

DATE 3-6-84 PLATE NO A4-3.5

"ORIGINAL"

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	2.15

SIGNING & FENCING DETAIL

(20) E6-51 TYPE I — (53) SOUTH — BRACKETT

(19) E6-51 TYPE I — (94) EAST — MADISON CHICAGO — EXIT ↓ ¼ MI

(18) E6-1 TYPE I — (94) WEST — ST PAUL

(17) E6-51 TYPE I — (53) SOUTH — BRACKETT

(16) E6-51 TYPE I — (94) EAST — Madison Chicago — EXIT ↓ 1/2 MI

(15) E6-1 TYPE I — (94) WEST — ST PAUL — EXIT ONLY

(14) E6-51 TYPE I — (94) WEST — ST PAUL — EXIT ONLY

(13) E6-51 TYPE I — (94) EAST — Madison Chicago — EXIT 1 MILE

(12) E6-51 TYPE I — (94) WEST — ST PAUL — EXIT ↓ ¼ MI

(8) E4-1A TYPE I — AA — Golf Rd

(9) E5-1 TYPE III — EXIT

S-18-25 · S-18-38 · S-18-37 · S-18-24 · S-18-21 · S-18-22 · S-18-23

60± 35 · 61+60 S.B. 172 · 64+00 S.B. 140 · 68+00 S.B. 130 · 71+00 S.B. 98 · 76+40 S.B. 81 · 82+00 81' · 86+00 S.B. 162 · 88+75 S.B. 225 · 96+50 "AA" 127' · 94+50 33' FROM BL NE · 95+00 NWR 35' · 100+50 NWR 54' · 103+00 NWR 54' · 106+00 S.B. 84' · 104+00 S.B. 25' · 106+00 NER 54' · 107+00 NER 45' · 109+00 NER 49' · 112+00 S.B. 45'

CHAIN LINK FENCE · WOVEN WIRE

Sta. 55+00 Remove Sign Bridge S-18-7, Install New Sign Bridge S-18-25

Sta. 75+00 Remove Sign Bridge S-18-3, Install New Sign Bridge S-18-24 At Sta. 69+75 S.B.

78+50 S.B. 57' · 81+00 S.B. 57' · 83+00 S.E.R. 57' · 85+00 S.E.R. 57' · 87+00 S.E.R. 57' · 91+00 S.E.R. 57' · 90+00 N.E.R. 100' · 92+00 N.E.R. 100' · 95+00 N.E.R. 75'

(3) E5-1 TYPE III — EXIT

(2) E6-1 TYPE I — AA — GOLF RD.

(1) E1-61A TYPE I — AA — GOLF RD. — EXIT ½ MILE

TO BE LOCATED ON N.E. RAMP STA. 569+00 LT. (U.S.H. - 53 - I-94 INTER.)

(21) E6-1 TYPE I — (94) EAST — MADISON — CHICAGO

NEW SIGN ON EXISTING SIGN BRIDGE S-18-8 STA 31+00 LT.

R3-5L (22) ONLY · R3-5A (23) ONLY · R3-5A (24) ONLY

OVERHEAD SIGN STRUCTURE

(7) E1-51A TYPE I — AA — Golf Rd — EXIT ½ MILE — STA. 138+00 LT.

125+40 70' · 136+45 S.B. 90'

S-18-40

(4) E1-51A TYPE I — (93) — To Mall Dr — EXIT ¾ MILE — STA. 124+50 RT.

(6) E1-51A TYPE I — (12) — Clairemont Ave — EXIT ¾ MILE — STA. 130+00 RT.

(5) E10-51 TYPE III — Hospital — SECOND RIGHT — STA. 135+00 RT.

LEGEND

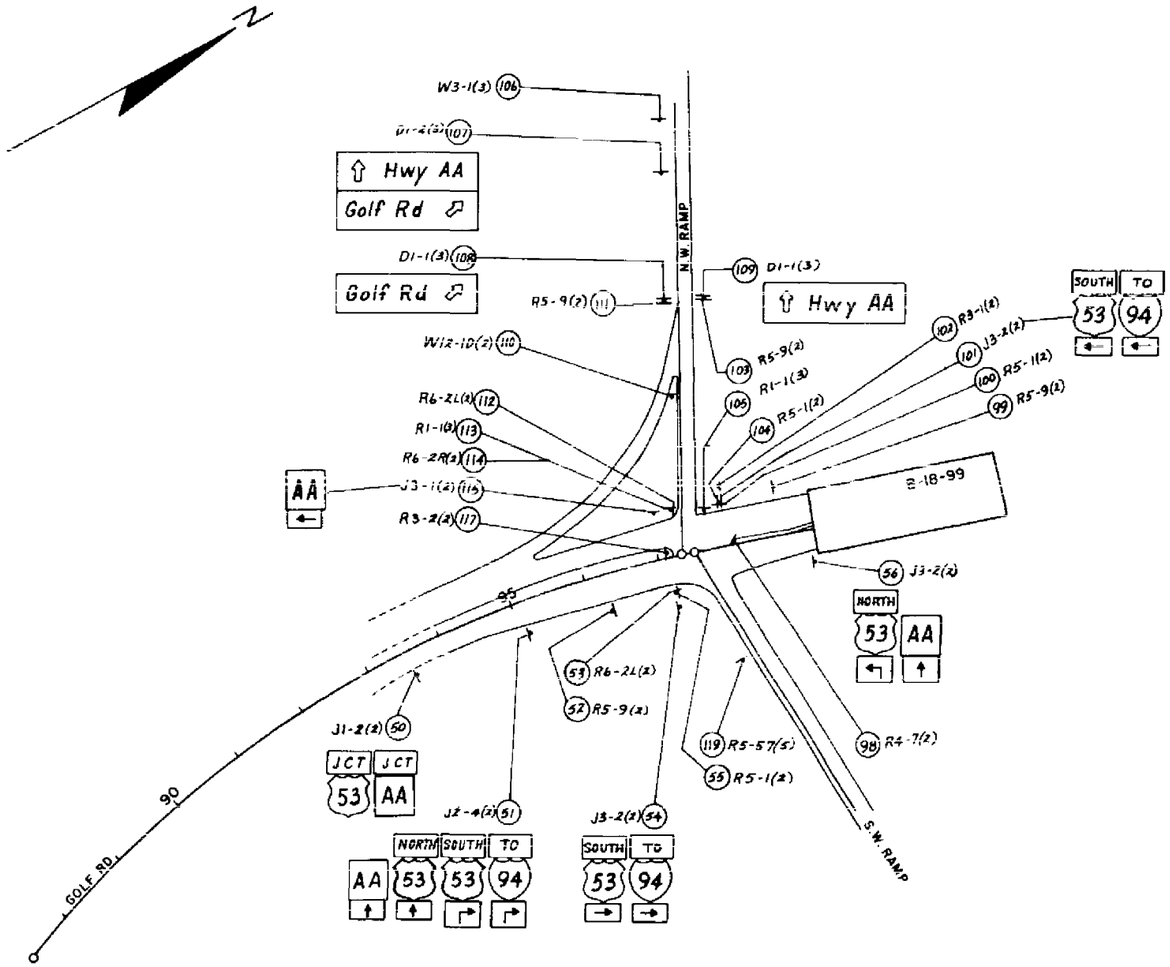
——— EXIST. FENCE

—·—·— WOVEN WIRE FENCE

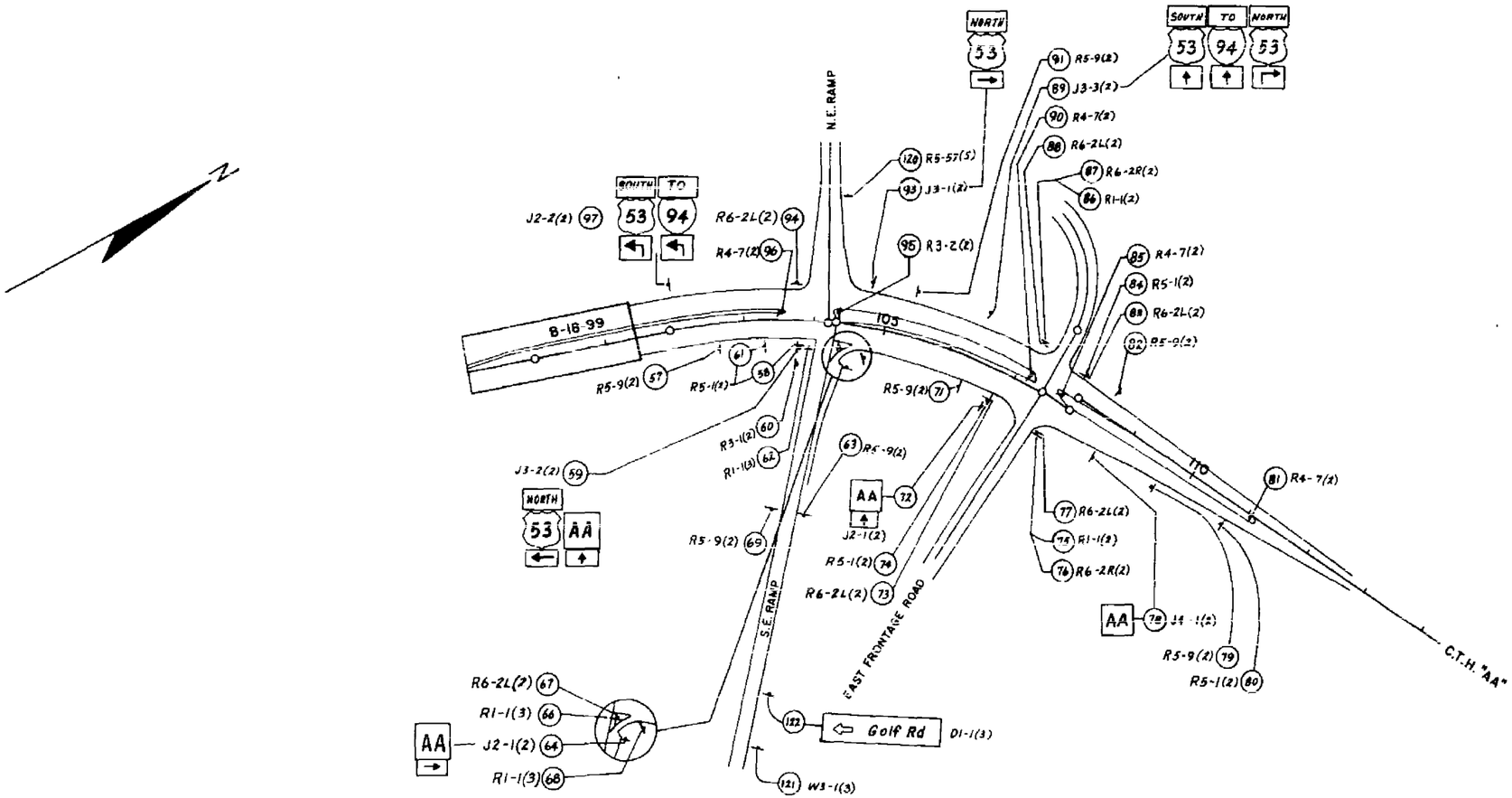
—o—o— CHAIN LINK FENCE

Cat. No. 2130 – 0142

STATE PROJECT NUMBER	SHEET NO
7255-5-71	2.16



STATE PROJECT NUMBER	SHEET NO
7255-5-71	2.17



STATE PROJECT NUMBER	SHEET NO.
7255-05-71	2.18
TRAFFIC CONTROL	

SPECIAL NOTES

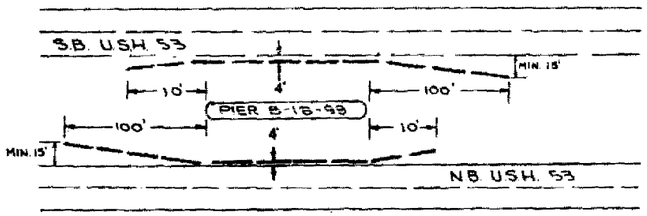
SIGN BRIDGE STA. 74+00 S.B. U.S.H. 53
MESSAGES WILL BE COVERED (BY OTHERS)

LEGEND

- ■ POST MOUNTED SIGN
- ○ STEADY BURNING WARNING LIGHTS
- ⊗ FLASHING LIGHTS (TYPE A)
- ┼ TYPE II BARRICADES
- ⊢ TYPE III BARRICADES WITH TYPE C STEADY BURNING WARNING LIGHTS

(SYMBOLS APPLY TO THIS SHEET ONLY)

— TEMPORARY PRECAST CONCRETE BARRIER WITH TYPE 'C' STEADY BURNING WARNING LIGHTS



BARRIER DETAIL TRAFFIC CONTROL FOR PIER CONSTRUCTION (B-18-99)

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS UNLESS OTHERWISE PROVIDED IN THE PLAN.

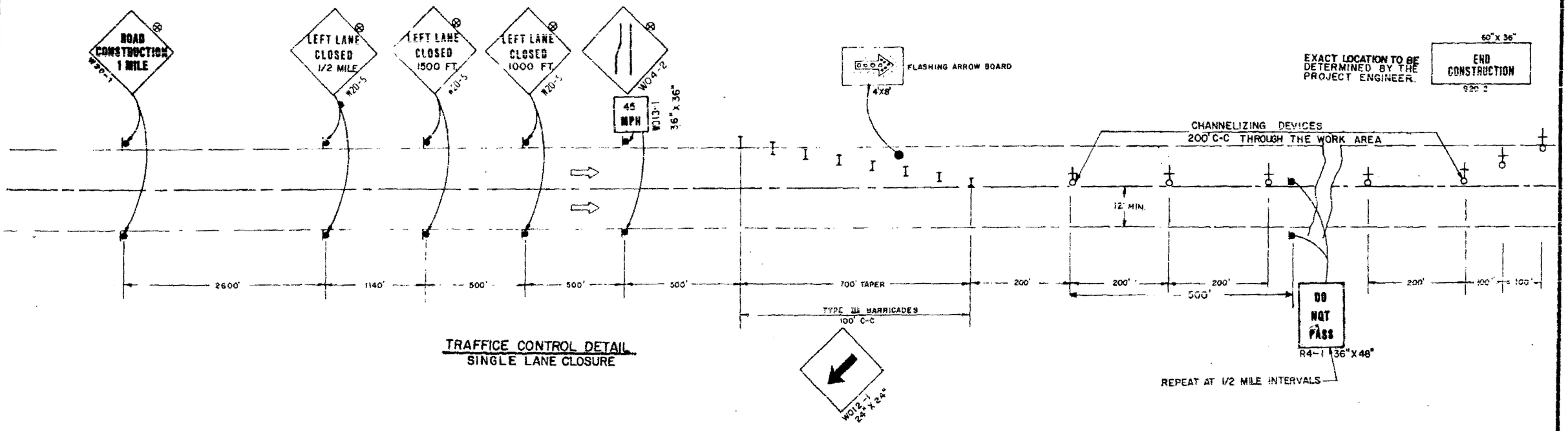
ALL ITEMS NOTED ON THIS SHEET SHALL BE PAID FOR UNDER THE ITEM OF TRAFFIC CONTROL, EXCEPT FOR TEMPORARY PRECAST CONCRETE BARRIER WHICH IS PAID FOR UNDER THE PERTINENT CONTRACT ITEM. EACH OPERATION OR SEGMENT UNDER CONSTRUCTION SHALL HAVE ITS OWN TRAFFIC CONTROL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

WO 13-1 MESSAGE WILL BE 45 M.P.H.

NOTE: DRAWING IS SCHEMATIC AND INTENDED FOR USE AT BOTH RT. AND LT. LANE CLOSURE (LT. LANE CLOSURE SHOWN)



TRAFFICE CONTROL DETAIL
SINGLE LANE CLOSURE

MOUNT ONE W012-1-L OR R ON EACH TYPE III BARRICADE

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	2.19

TRAFFIC CONTROL

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS UNLESS OTHERWISE PROVIDED IN THE PLAN.

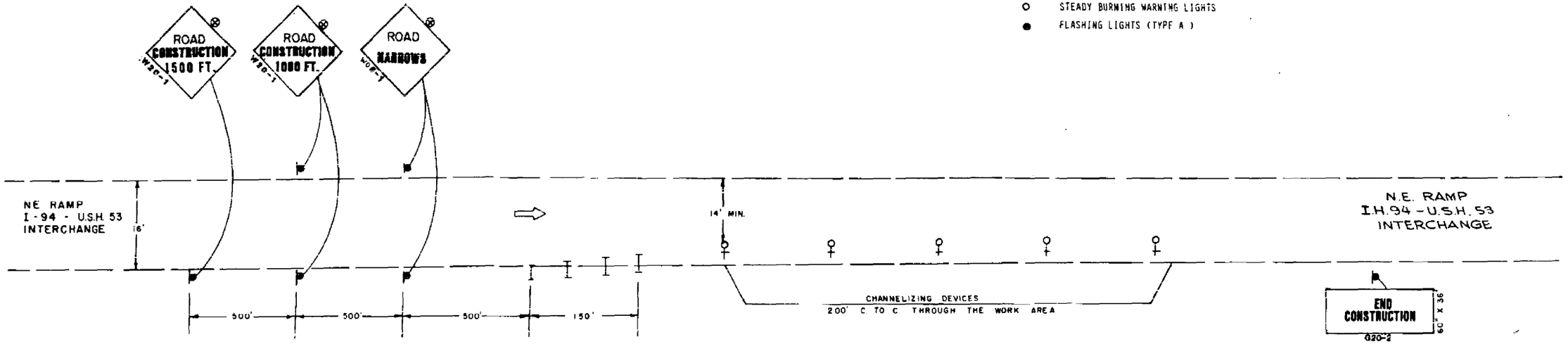
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

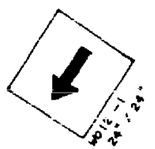
"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL ITEMS NOTED ON THIS SHEET SHALL BE PAID FOR UNDER THE ITEM OF TRAFFIC CONTROL.

LEGEND

- SIGNS (POST MOUNTED)
- TYPE III BARRICADES WITH TYPE C STEADY BURNING WARNING LIGHTS
- TYPE II BARRICADES
- STEADY BURNING WARNING LIGHTS
- FLASHING LIGHTS (TYPE A)





MOUNT ONE W012-1 ON EACH TYPE III BARRICADE

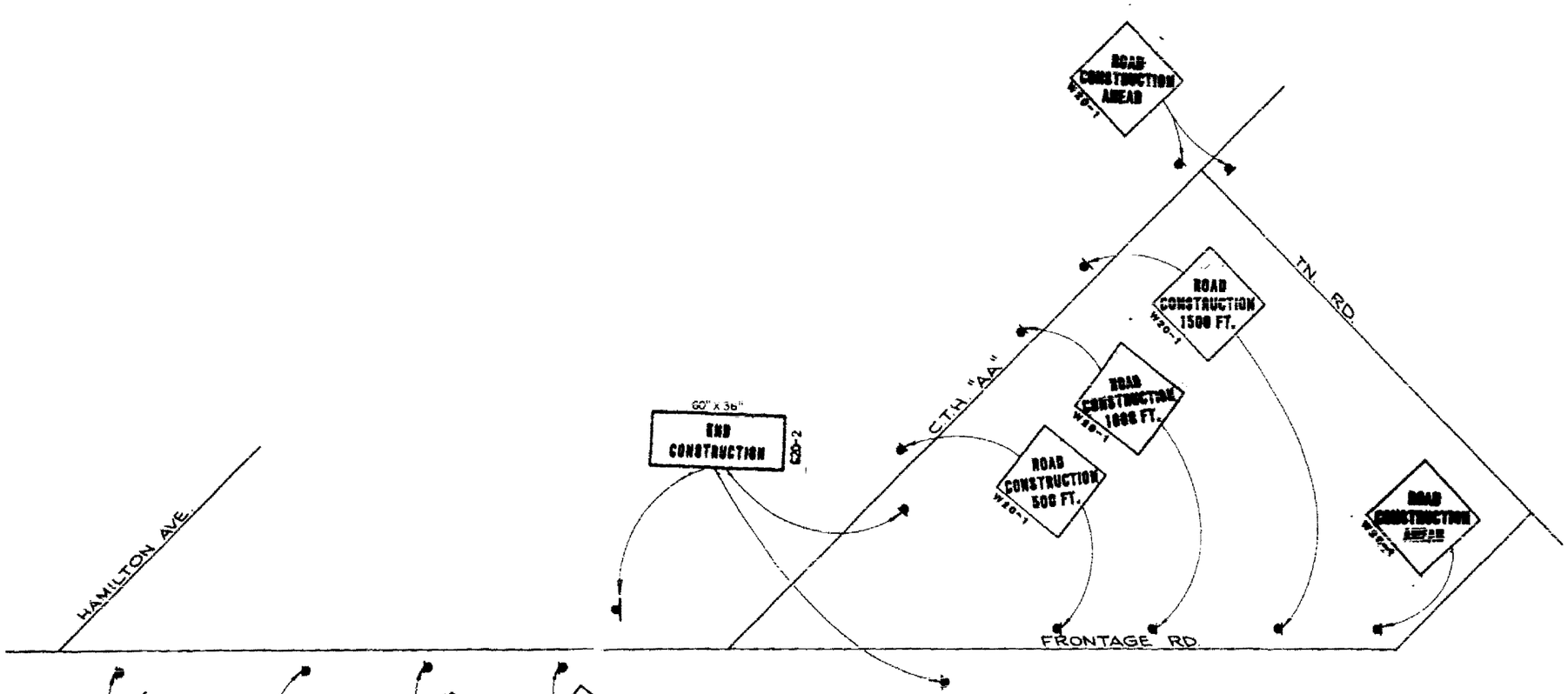
TRAFFIC CONTROL FOR NE RAMP I.H.94 - U.S.H. 53 INTERCHANGE)

MAY OR MAY NOT BE REQUIRED DEPENDING ON CONSTRUCTION SCHEDULE FOR U.S.H. 53

LOCATION TO BE DETERMINED BY THE PROJECT ENGINEER

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	2.20

TRAFFIC CONTROL



C.T.H. "AA"
FRONTAGE ROAD

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL OF STANDARD HIGHWAY SIGNS UNLESS OTHERWISE PROVIDED IN THE PLAN.

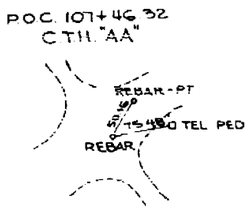
ALL ITEMS NOTED ON THIS SHEET SHALL BE PAID FOR UNDER THE ITEM OF TRAFFIC CONTROL.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

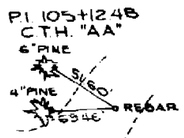
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	2.21

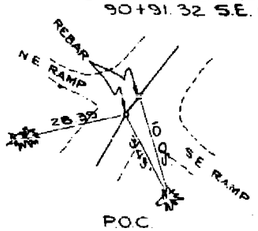
LINE TIES



P.O.C. 107+46.32
C.T.H. "AA"

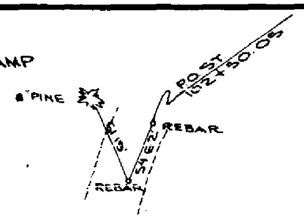


P.I. 105+12.48
C.T.H. "AA"

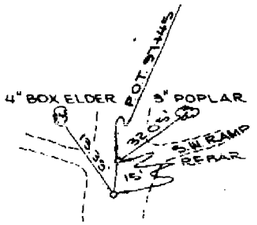


P.O.C.
104+35 "AA" C.T.H. =
90+91.32 S.E. RAMP

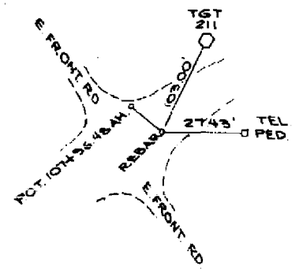
P.O.C.
104+25
C.T.H. "AA" -
89+26.33 N.E. RAMP



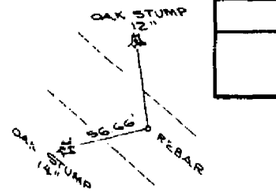
P.C. 101+95.43
C.T.H. "AA"



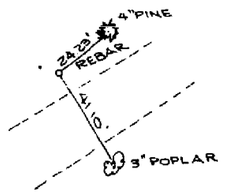
P.T. 97+30 C.T.H. "AA"



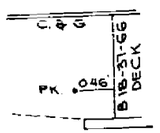
P.T. 107+96.48 BK.
C.T.H. "AA"



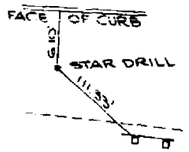
P.C. 87+26.64 C.T.H. "AA"



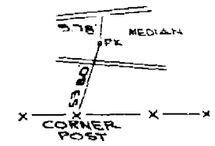
P.I. 92+50.66
C.T.H. "AA"



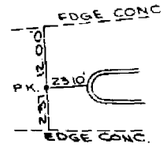
P.C. 63+50.00
COL. ROAD



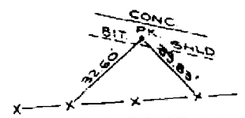
P.T. 67+57.38
COL. ROAD



P.C. 69+07.38 S.W. RAMP

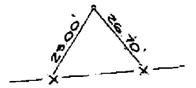


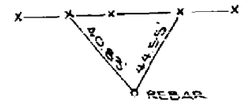
P.T. 72+12.92 S.W. RAMP



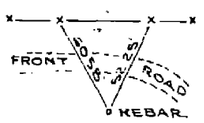
BEGIN TAPER 77+71.36 AH.
S.W. RAMP


P.C. 83+77.35 S.W. RAMP

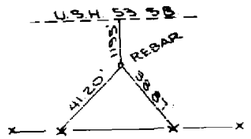

P.I. 85+44.48 S.W. RAMP



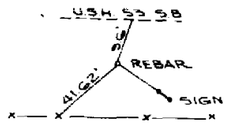
P.T. 87+08.25
S.W. RAMP



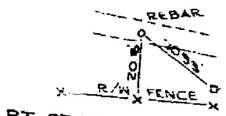
P.C. 99+26.74
N.W. RAMP



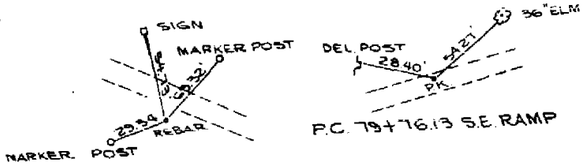
P.T. 105+41.65
N.W. RAMP



P.I. 102+36.88
N.W. RAMP

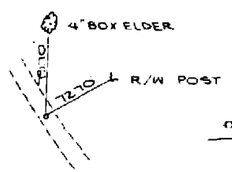


P.T. 87+72.13 S.E. RAMP

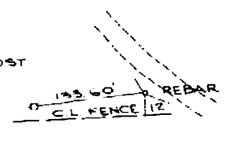


P.I. 83+78.18 S.E. RAMP

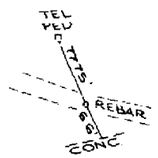
P.C. 79+76.13 S.E. RAMP



P.T. 87+32.10
E. FRONT ROAD

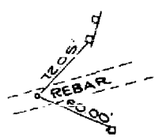


P.I. 85+55.72
E. FRONT ROAD

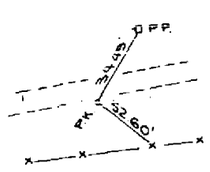


P.C. 83+66.35
E. FRONT RD.

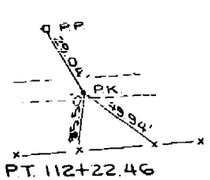
C.C. 91+13.73 E. FRONT RD.
150' RADIUS



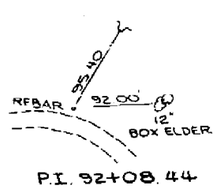
P.C. 108+68.49
E. FRONT. RD.



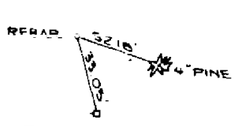
P.I. 110+46.62
E. FRONT RD.



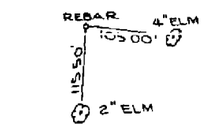
P.T. 112+22.46
E. FRONT. RD.



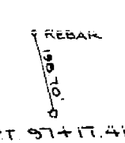
P.I. 92+08.44
E. FRONT. RD.



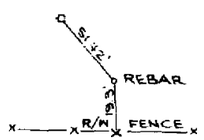
P.C. 91+26.33
N.E. RAMP



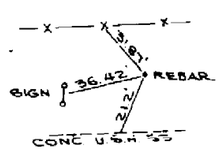
P.I. 94+31.68
N.E. RAMP



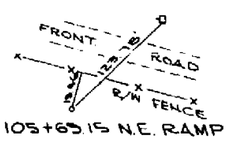
P.T. 97+17.41
N.E. RAMP



P.C. 104+29.10
N.E. RAMP



P.T. 107+08.08 N.E. RAMP



P.I. 105+65.15 N.E. RAMP

STATE PROJECT NUMBER	SHEET NO
7255-05-71	5
C.T.H. AA	

#3

STA 108+25 - 25' RT
PERPETUATE LAND CORNER
IN ACCORDANCE WITH SEC
59.635(3) WIS STATUTES
WORK BY OTHERS

BEGIN CONSTRUCTION
STA. 94+00 C.T.H. "AA"
FUTURE CONSTRUCTION
(BY OTHERS)

CURVE DATA
C.T.H. "AA"

PI 92+50.66
y 346906.178
x 1626774.064
Δ 40° 48' 32"
D 4° 04' 02"
R 1408.72'
L 1003.36'
T 524.02'
E 94.31'
SE .03%

PC 87+26.64
C.T.H. "AA"

PT 87+30 C.T.H. "AA"
90+11.14 N.W. RAMP

PT 87+08.25
S.W. RAMP

PC 101+95.43
C.T.H. "AA"

PT 97+45 C.T.H. "AA"
91+09.42 S.W. RAMP

104+35 C.T.H. "AA"
90+51.32 S.E. RAMP

EXIST C.T.H. "AA"
W.I.S. BELL LINE
U.G.

PC 81+13.79
EAST FRONTAGE RD.

POT. 107+96.46 AH
C.T.H. "AA"

PT 107+96.48 BK.
C.T.H. "AA"

POC 107+46.32
C.T.H. "AA"
90+12.44 E FRONTAGE

104+25 C.T.H. "AA"
88+26.35 N.E. RAMP

N 46°-04' E

D-18-99

100+00 C.T.H. "AA"
90+75.58 U.S.H. 53

PT 87+72.15
S.E. RAMP

CURVE DATA
C.T.H. "AA"

PI 105+12.48
y 347812.565
x 1627714.846
Δ 45° 04' 45"
D 7° 30'
R 765.94'
L 601.06'
T 317.05'
E 63.18'
SE .02%

PT 81+32.10
EAST FRONTAGE RD.

STA 109+00
CONST. PE. RT.
1-18"X32' CP REQ'D

STA 109+00
CONST MEDIAN OPENING

STA 112+50
CONST. PE. RT.
1-18"X32' CP REQ'D

END CONSTRUCTION
STA. 112+67 C.T.H. "AA"
(SAW CUT REQUIRED)

W.I.S. BELL LINE
U.G.

C.T.H. "AA"

NO	STA	DESCRIPTION	N	E
3	117± 10	PK IN PP 30'N OF CTH "AA"	346	
4	95+00 ± USH 53	KEEL MARK ON E. END CONCRETE CULVERT	882	

NET LENGTH OF CENTERLINE STA 94+00 TO 112+67 = 1867 LF

STA. 94+00 TO STA. 100+50

	UNCL.	FILL	
		C.T.H. 'AA'	51,018 C.Y.
COLE RD & S.W. RAMP	10,063 C.Y.	COLL. RD & S.W. RAMP	13,910 C.Y.
		B" LINE	12,169 C.Y.
N.W. RAMP	13512 C.Y.	N.W. RAMP	18,319 C.Y.
		U.S.H. 53 MEDIAN	280 C.Y.
TEMP MEDIAN X-OVER	160 C.Y.	TEMP MEDIAN X-OVER	160 C.Y.

STA. 100+50 TO STA. 112+67

	UNCL.	FILL	
CTH AA	3253 C.Y.	C.T.H. AA	31093 C.Y.
SE RAMP	4634 C.Y.	S.E. RAMP	3938 C.Y.
NE RAMP	4134 C.Y.	N.E. RAMP	30126 C.Y.
E. FRONT RD STA 78+10-89+50	11532 C.Y.	E. FRONT ROAD STA. 79+10-89+50	157 C.Y.
E. FRONT RD. STA 90+10-113+50	3462 C.Y.	E. FRONT ROAD STA 90+10-113+50	11860 C.Y.
TN. RD. CONN.	5400 C.Y.	TN. RD. CONN.	1350 C.Y.

SHG 25%
BORROW = 96160

SHG 25%
BORROW 67,740 C.Y.

BEGIN CONST.
STA. 94+00 C.T.H. "AA"
FUTURE CONSTRUCTION
(BY OTHERS)

END CONST
STA. 112+67 C.T.H. "AA"

ORIGINAL GROUND

FINISHED GRADE

STA. 95+50
1-36"X 22.6 RCCP CL III REQ'D.
INL. EL 897.0
DISC EL 892.5

STA. 99+33
1-24"X 20.8
RCCP CL III REQ'D.

STA 101+16
1-24"X 21.2'
RCCP CL III
REQ'D.

STA. 100+00 C.T.H. "AA" - 90+75.58 U.S.H. 53
STRUCTURE B-18-99 REQ'D.
2 SPAN - (112'-0" - 112'-0")
70" PRESTRESSED CONCRETE GIRDER
28' DUAL ROADWAYS
SEE DRAWINGS X75569 THRU X75585

930
920
910
900
890
880

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	5.1

COLLECTOR ROAD

STA. 59+80 – 61+40 COLLECTOR RD
OBLITERATE EXISTING ON RAMP LT.

STA. 62+10 – 62+47 COLLECTOR RD.
BUTT JOINT REQ'D.

STA. 53+83 – 54+83 COLLECTOR RD.
BUTT JOINT REQ'D.

STA 55+00 COLLECTOR ROAD
EXIST. SIGN BRIDGE TO BE REMOVED

STA 53+83 – 62+47 COLLECTOR RD
BITUMINOUS OVERLAY REQ'D.

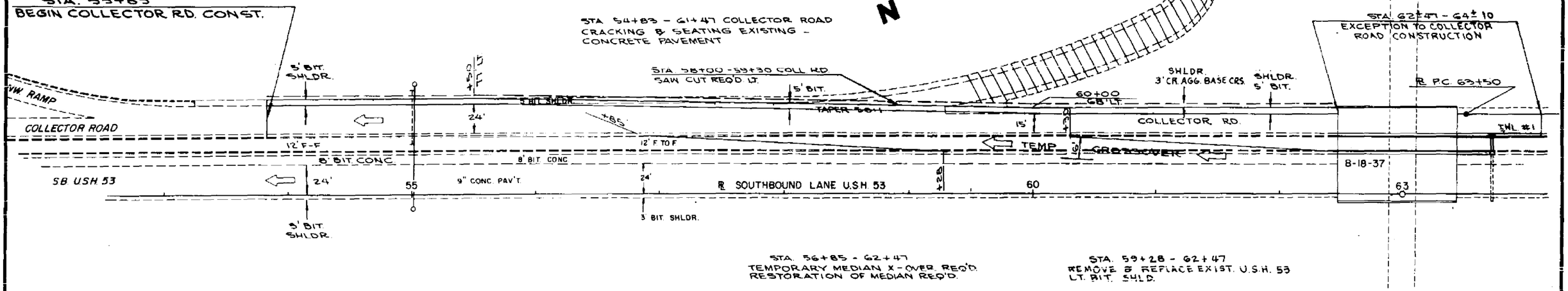
STA 54+83 – 61+47 COLLECTOR ROAD
CRACKING & SEATING EXISTING –
CONCRETE PAVEMENT

STA. 53+83
BEGIN COLLECTOR RD. CONST.

STA 58+00 – 59+30 COLL RD
SAW CUT REQ'D LT.

SAW CUT OR EQUIVALENT

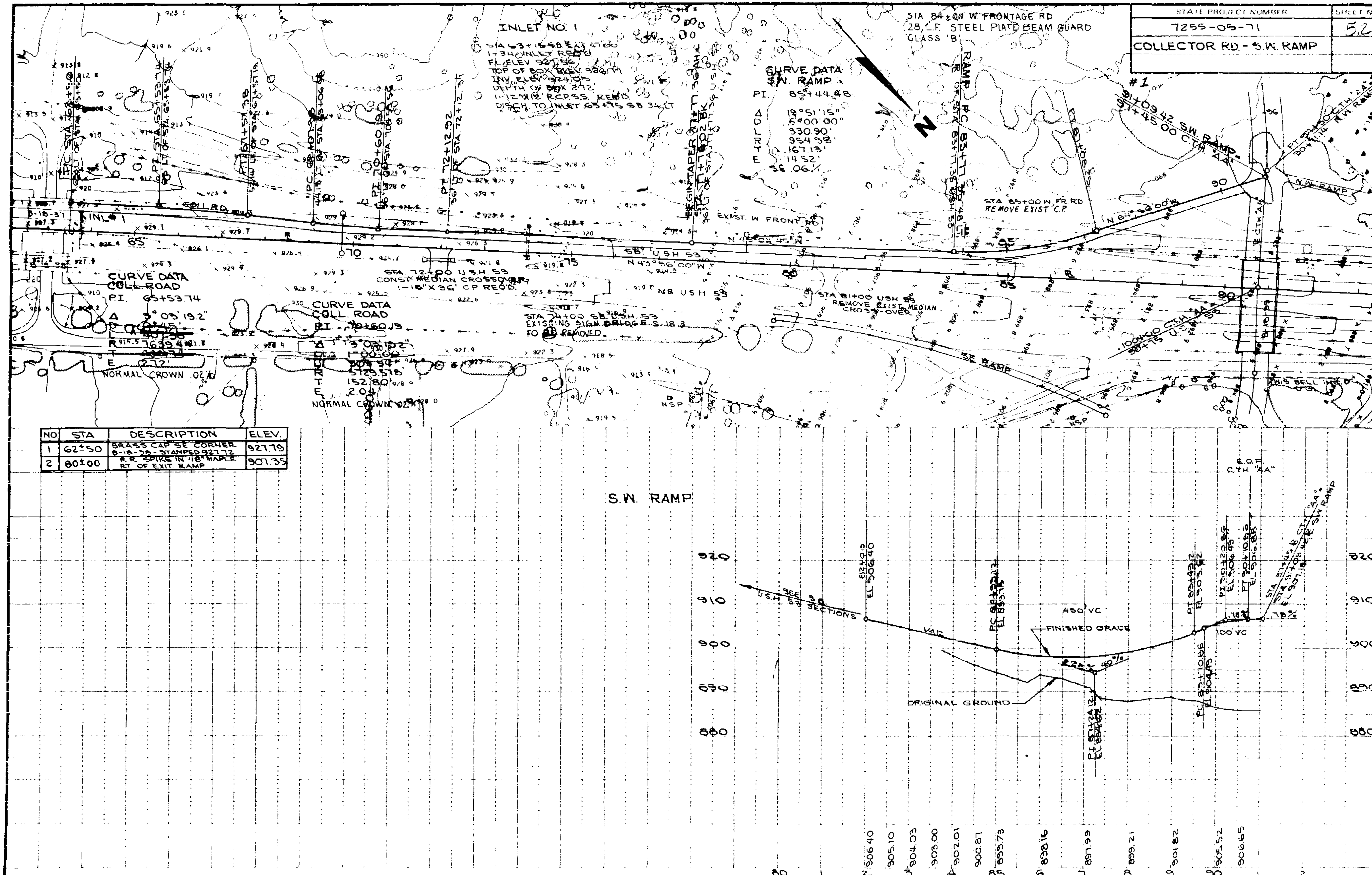
STA. 62+47 – 64+10
EXCEPTION TO COLLECTOR
ROAD CONSTRUCTION



STA. 56+85 – 62+47
TEMPORARY MEDIAN X-OVER REQ'D.
RESTORATION OF MEDIAN REQ'D.

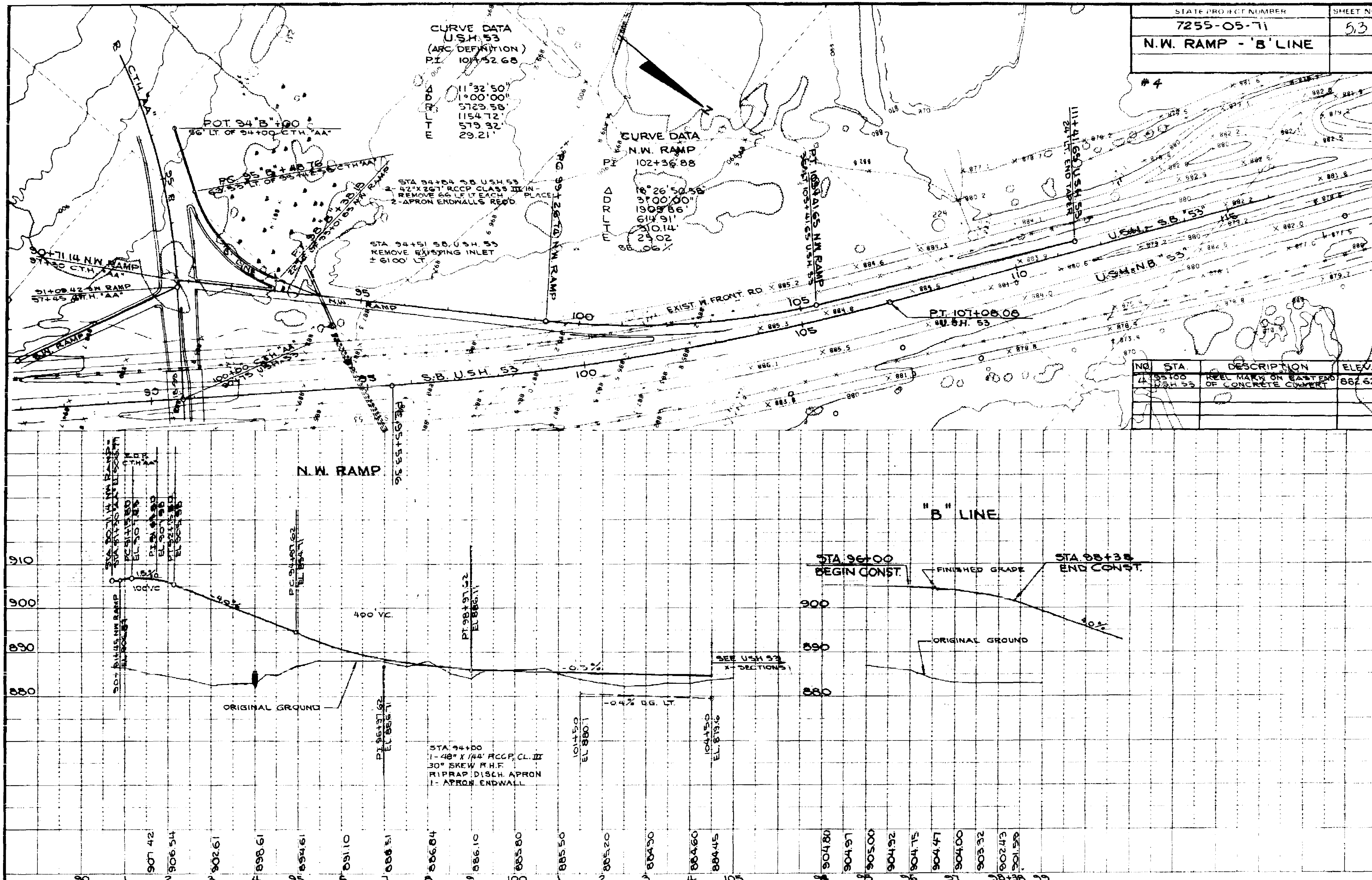
STA. 59+28 – 62+47
REMOVE & REPLACE EXIST. U.S.H. 53
LT. BIT. SHLD.

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	52
COLLECTOR RD. - S.W. RAMP	



NO	STA	DESCRIPTION	ELEV.
1	62±50	BRASS CAP SE CORNER 8-16-38 - STAMPED 927.72	927.79
2	80±00	R.R. SPIKE IN 48" MAPLE RT. OF EXIT RAMP	907.35

COLLECTOR RD. - S.W. RAMP



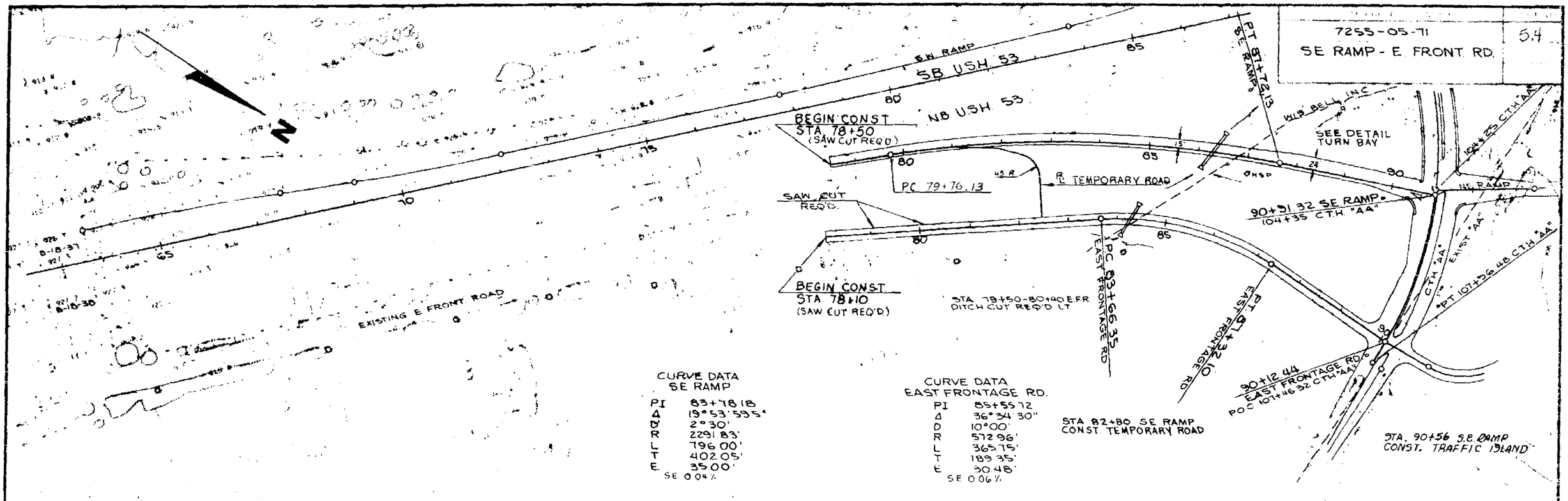
STATE PROJECT NUMBER	SHEET NO.
7255-05-71	53
N.W. RAMP - 'B' LINE	

NO.	STA.	DESCRIPTION	ELEV.
4	95+00 U.S.H. 53	REEL MARK ON EAST END OF CONCRETE CULVERT	862.62

"B" LINE - N.W. RAMP

7255-05-71 | 5.4

SE RAMP - E. FRONT RD.



CURVE DATA
SE RAMP

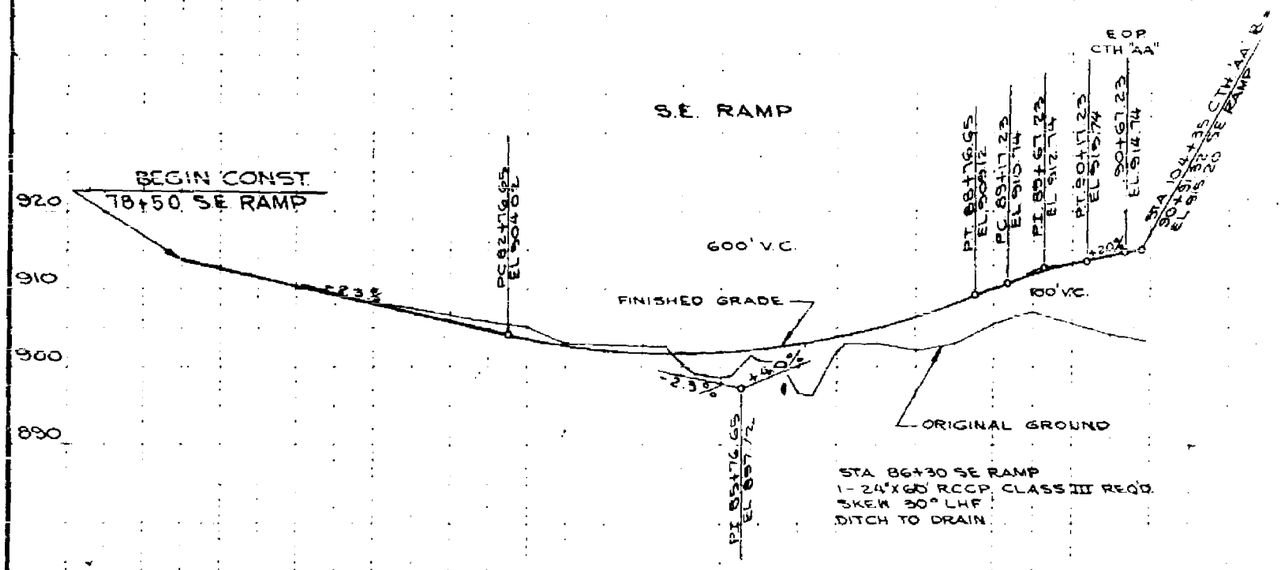
PI	83+78.18
Δ	19°53'59.5"
D	2°30'
R	2291.83'
L	796.00'
T	402.05'
E	35.00'

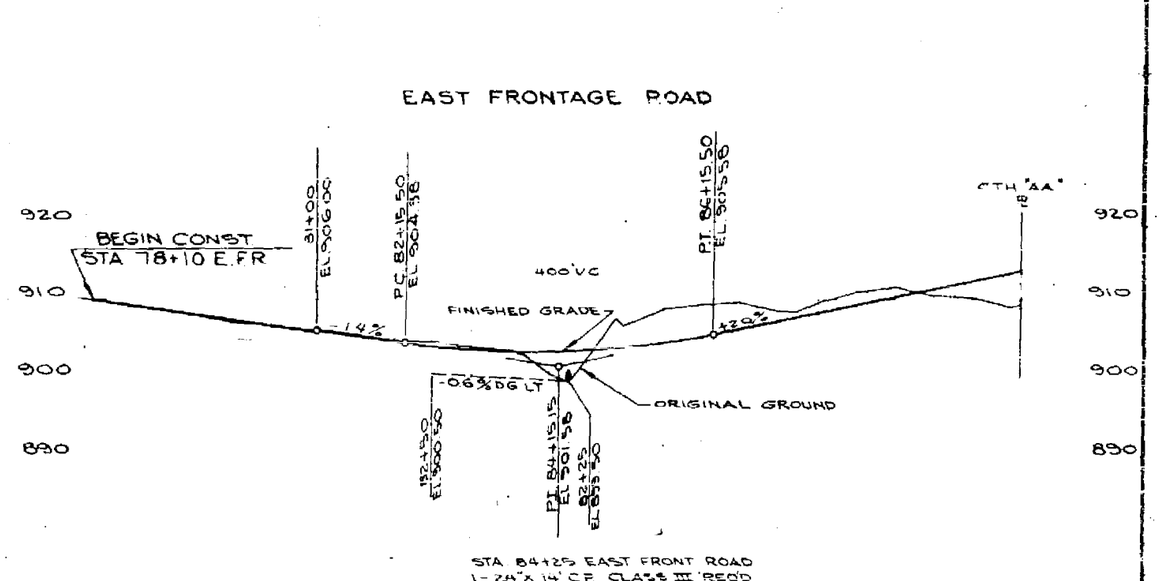
SE 0.04%

CURVE DATA
EAST FRONTAGE RD.

PI	85+55.72
Δ	36°34'30"
D	10°00'
R	572.96'
L	365.75'
T	189.35'
E	30.48'

SE 0.06%





STATE PROJECT NUMBER	SHEET NO
7255-05-71	5.5
N.E. RAMP - EAST FRONTAGE RD.	

STA. 100+80 - 60' LT. 1¼" I.P. PERPETUATE LAND CORNER IN ACCORDANCE WITH SECT. 59.635(3)(c) WIS STATUTES WORK BY OTHERS

55 U.S.H. 53

N.B. U.S.H. 53

PC 104+29.10 NE RAMP

PT 107+08.08 NE RAMP

117+58.08 NE RAMP END TAPER

STA 113+50 E FRONT RD END CONST

PT 112+22.46 EAST FRONTAGE RD.

PC 108+68.49 EAST FRONTAGE RD.

EXIST E FRONT RD

CURVE DATA N.E. RAMP
PI 94+31.58
Δ 25°27'51"
D 6°00'
R 955.36'
L 424.60'
T 215.99'
E 23.90'
SE 0.06½

CURVE DATA E FRONT ROAD
PI 92+08.44
Δ 64°32'03"
D 38°11'50"
R 150.0'
L 168.95'
T 94.71'
E 27.40'
S.E. 0.04½

CURVE DATA N.E. RAMP
PI 105+69.15
Δ 12°33'14"
D 4°30'
R 1273.24'
L 278.98'
T 140.05'
E 7.68'
SE 0.06½

CURVE DATA E. FRONTAGE ROAD
PI 110+46.62
Δ 15°55'43"
D 4°30'
R 1273.24'
L 353.91'
T 178.13'
E 12.40'
SE 0.06½

PT 92+82.68-EAST FRONTAGE RD.

PC 91+13.73 EAST FRONTAGE RD.

EOP CTH "AA"

PC 90+12.44 E FRONTAGE RD

PC 91+28.33 NE RAMP

PT 97+14.06 NE RAMP

SE RAMP

CTH "AA"

STA 98+35 NE RAMP
1-60" RCCP
REMOVE EXIST BOX CULVERT
REALIGN DRAINAGE CHANNEL
RIPRAP DRAINAGE CHANNEL

STA 101+25 NE RAMP
CONST DITCH DAM RT
EL 878.00

STA 100+80 NE RAMP 52' RT
1-8 MS "MODIFIED" INLET REQ'D
(SEE "SPECIAL DETAIL")

STA 99+00 E FRONT RD
CONST PE RT
1-18"X32' OP REQ'D

STA 100+79 N.E. RAMP
1-48"X80' RCCP REQ'D.
2-APRON ENDWALLS REQ'D.
SKEW 30° R.H.F.
INL. EL. 872.30
DISCH EL. 871.50
SLOPE = .004 ft/ft
DITCH TO DRAIN

STA 108+00 N.E. RAMP
1-18"X56' RCCP IN PLACE TO REMAIN
1-18"X20' RCCP CL. III
EXTENSION RT. REQ'D.

SEE USH 53 SECTIONS

EAST FRONTAGE R.D.

N.E. RAMP

FINISHED GRADE

ORIGINAL GROUND

650' V.C.

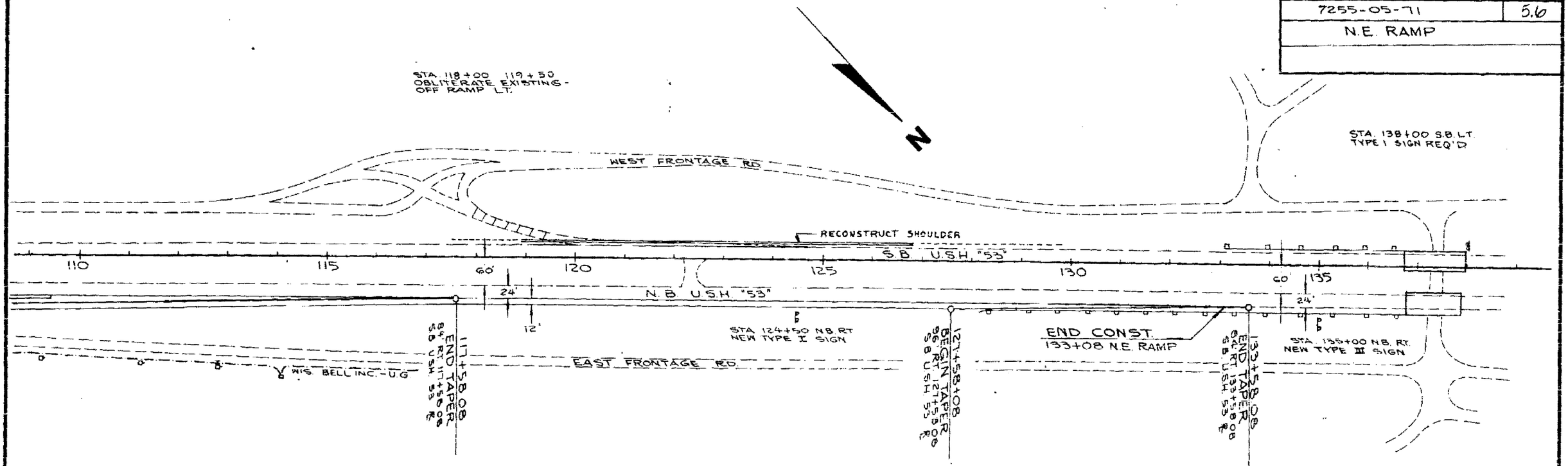
600' V.C.

300' V.C.

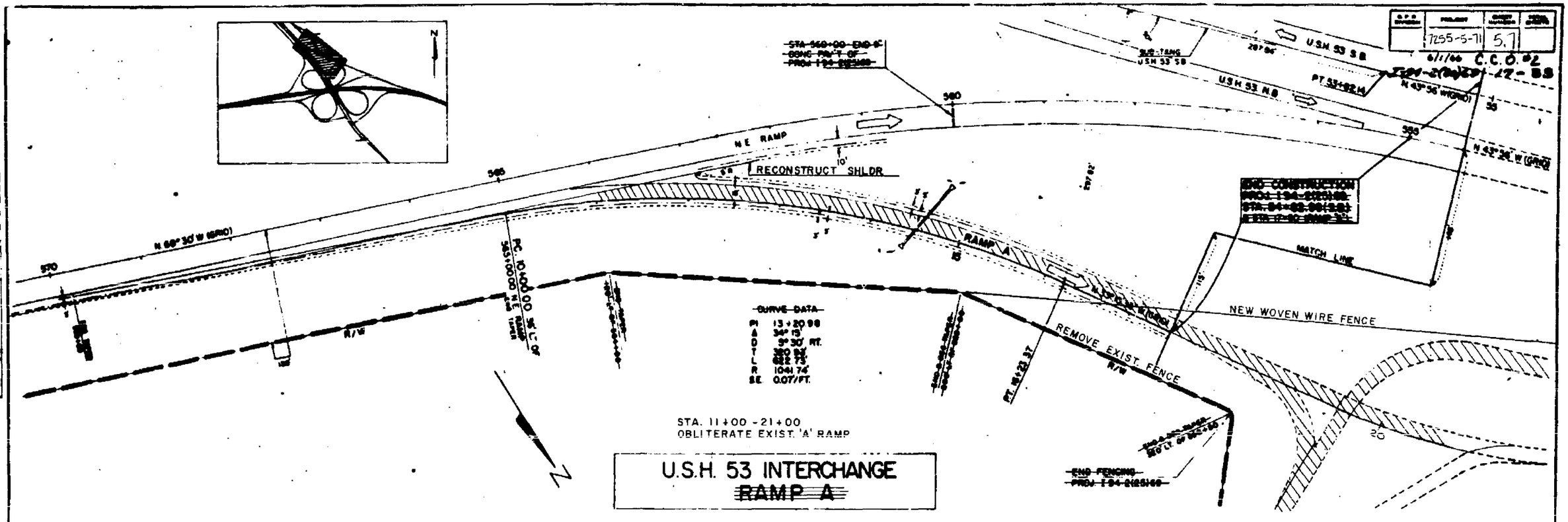
100' V.C.

END CONST STA. 113+50

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	5.6
N.E. RAMP	



Cat No. 2130 DIAG



STA. 11+00 - 21+00
OBLITERATE EXIST. 'A' RAMP

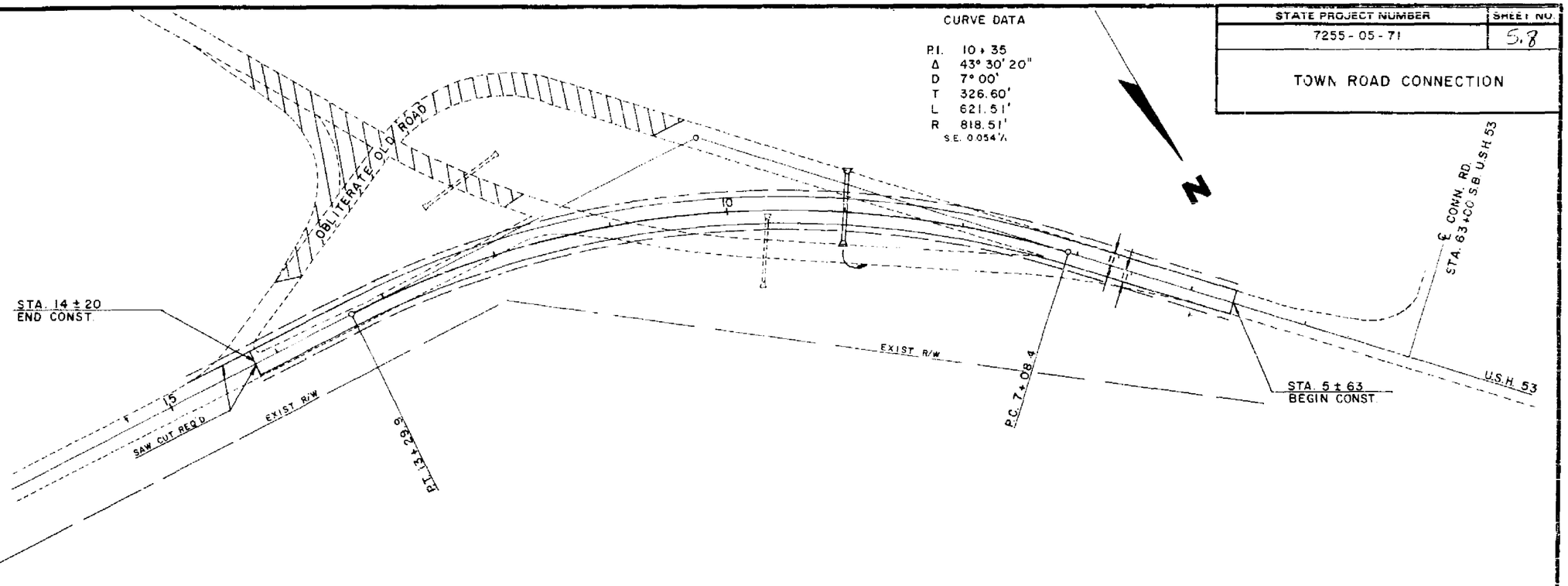
U.S.H. 53 INTERCHANGE
~~RAMP A~~

STATE PROJECT NUMBER	SHEET NO.
7255-05-71	5.8

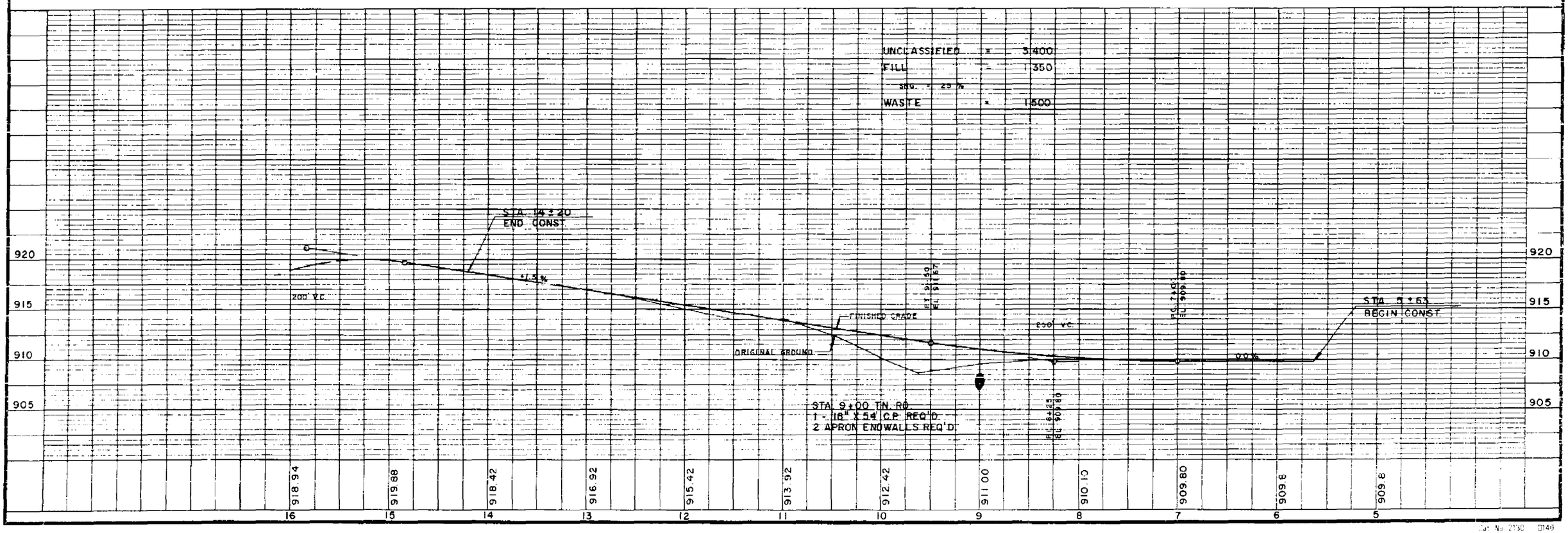
TOWN ROAD CONNECTION

CURVE DATA

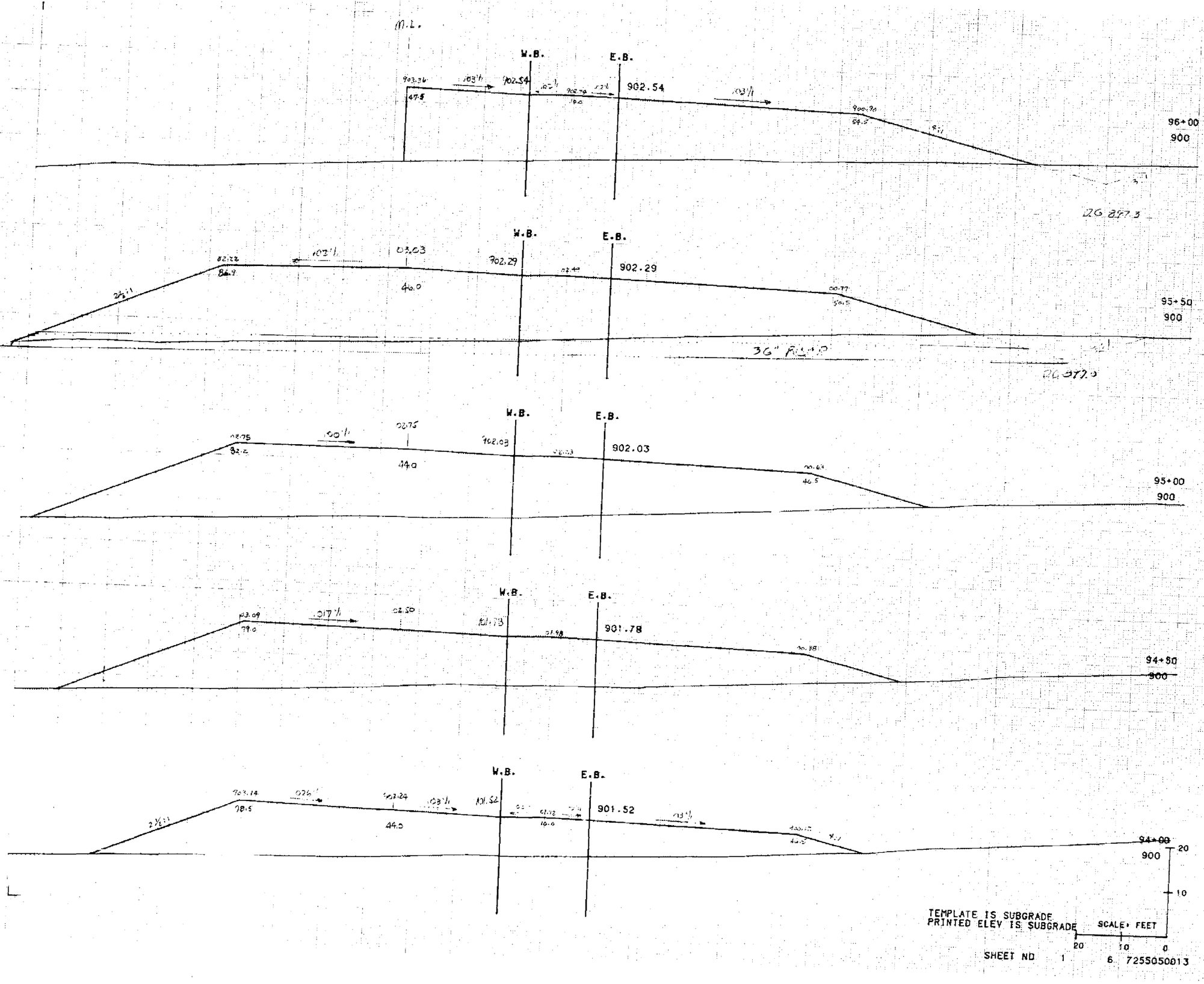
P.I. 10+35
Δ 43° 30' 20"
D 7° 00'
T 326.60'
L 621.51'
R 818.51'
S.E. 0.054 ft/ft



UNCLASSIFIED × 3400
FILL – 1350
SHG. × 25 %
WASTE × 1500



Job No. 2130 0149



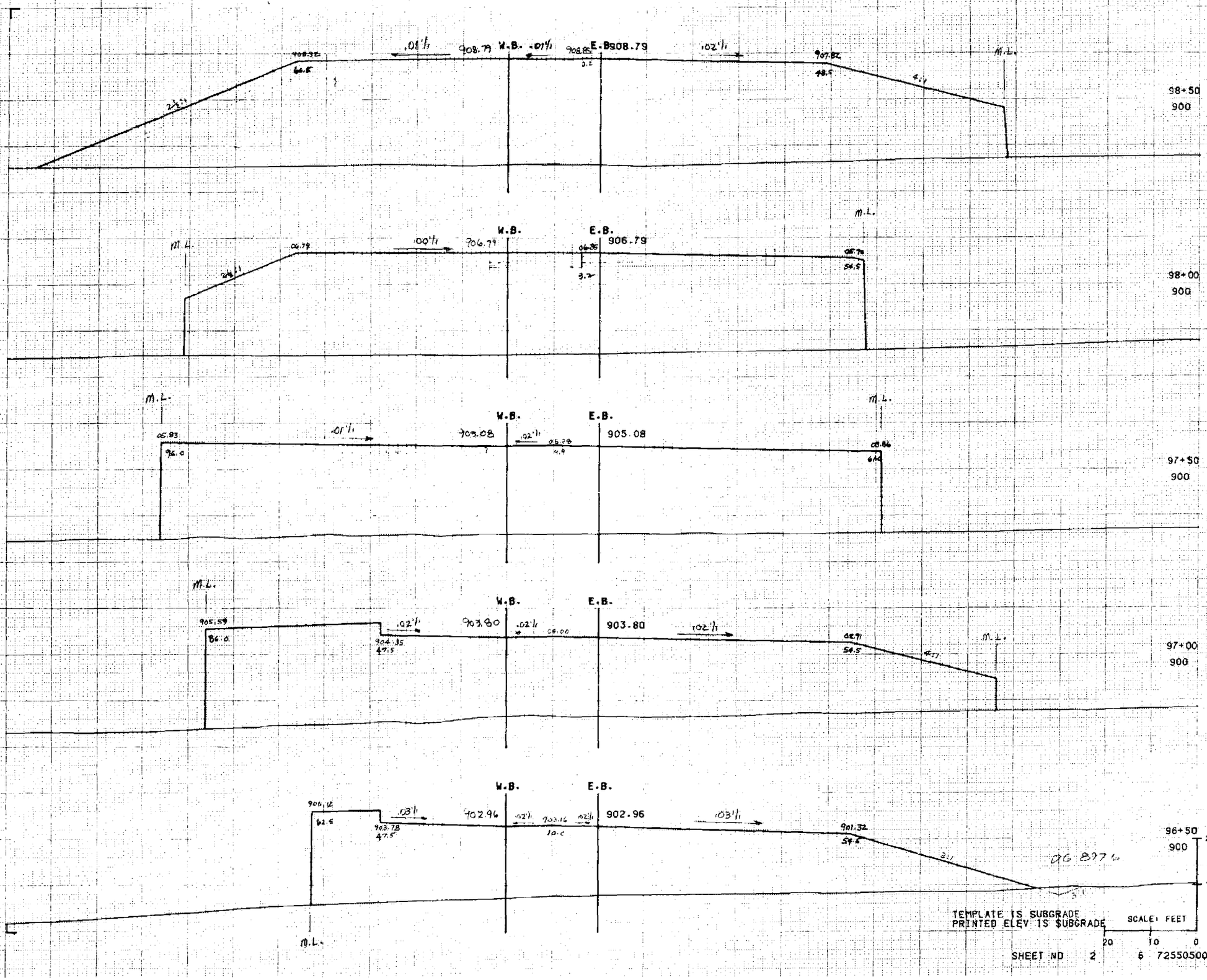
STATE PROJECT NUMBER	SHEET NUMBER
72.55-05-71	9

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	YARDAGE FILL
97+00			
	50	0	2863
97+50	50	0	3627
95+00	50	0	4318
95+50	50	0	3796
96+00			
TOTAL	0		14604

SHEET NO 1 6 7255050013

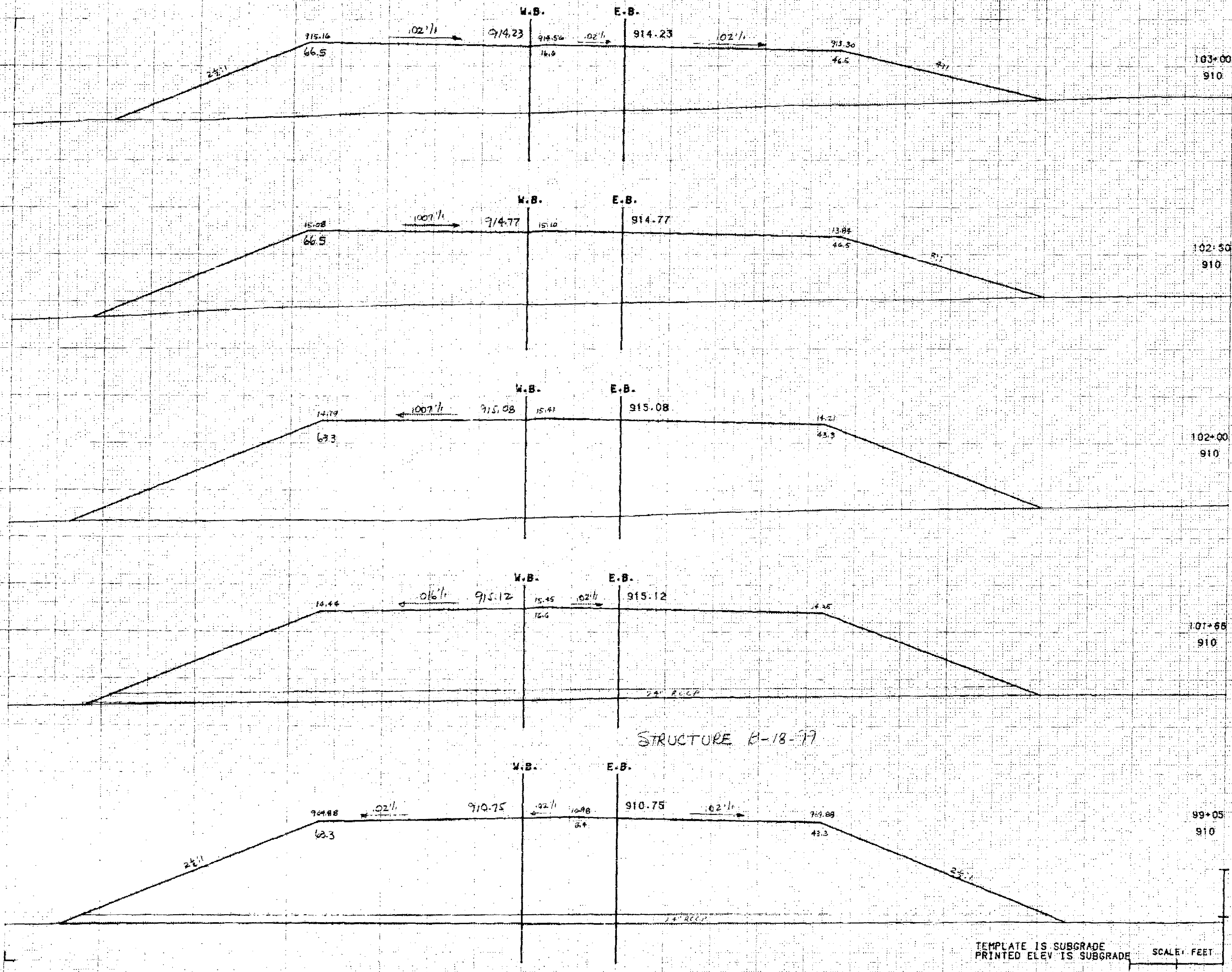
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.1

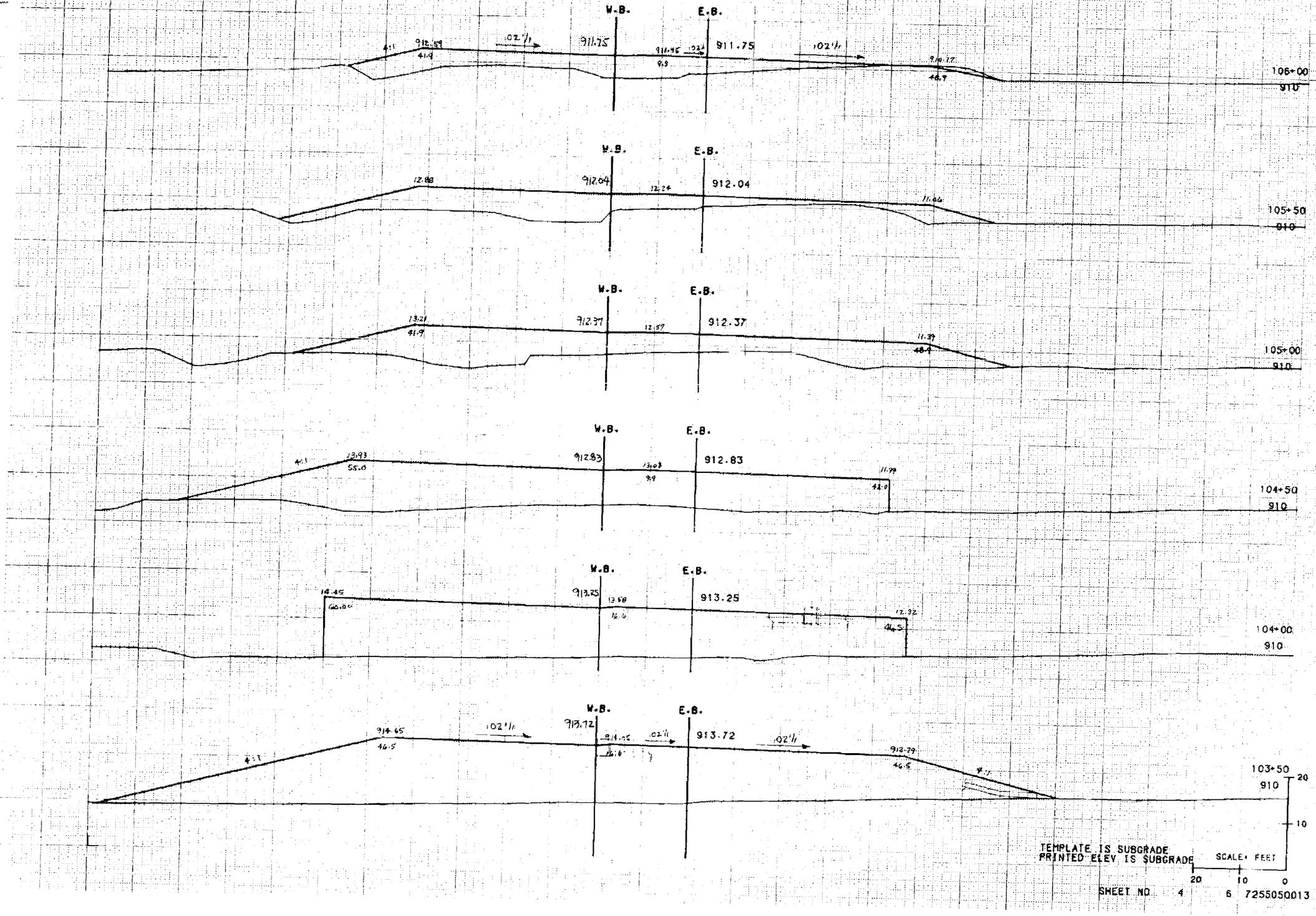
	ROADAGE				FILL
		UNCL			
96+00					
	50	0			3432
96+50	50				4427
97+00	50				5479
97+50	50				5426
98+00	50	0			6449
98+50					
	TOTAL	0			25613



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.2

STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
98+50						
	55	0				7523
99+05						
	50	0				3239
99+55						
	STRUCTURE B 18-99					
101+05						
	61	0				3299
101+66						
	34	0				3812
102+00						
	50	0				5088
102+50						
	50	0				4160
103+00						
	Total	0				27110





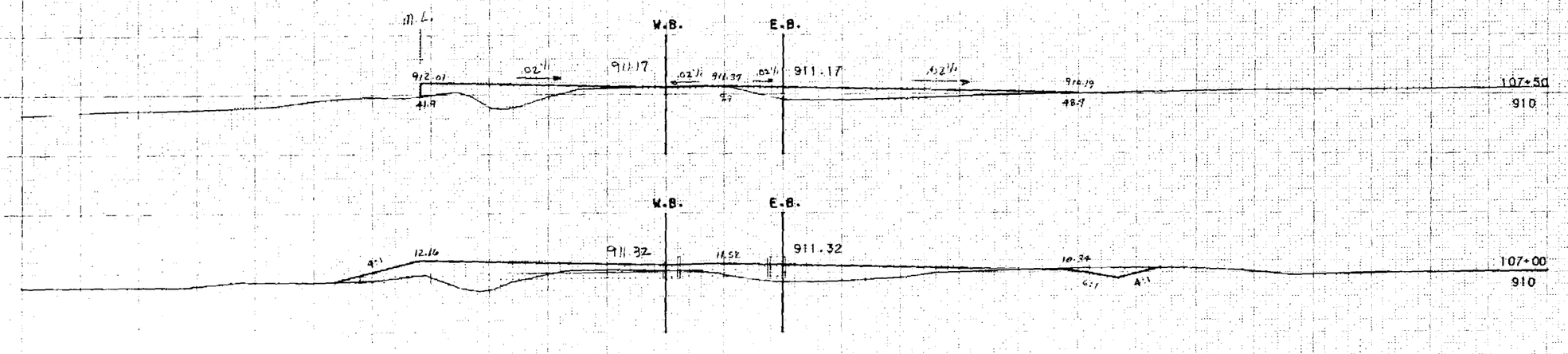
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.3

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
103+00						
	50	0				3809
103+50	50					3675
104+00	50					2311
104+50	50					1733
105+00	50	0				1113
105+50	50	10				782
106+00						
	TOTAL	10				12828

SHEET NO 4 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	94

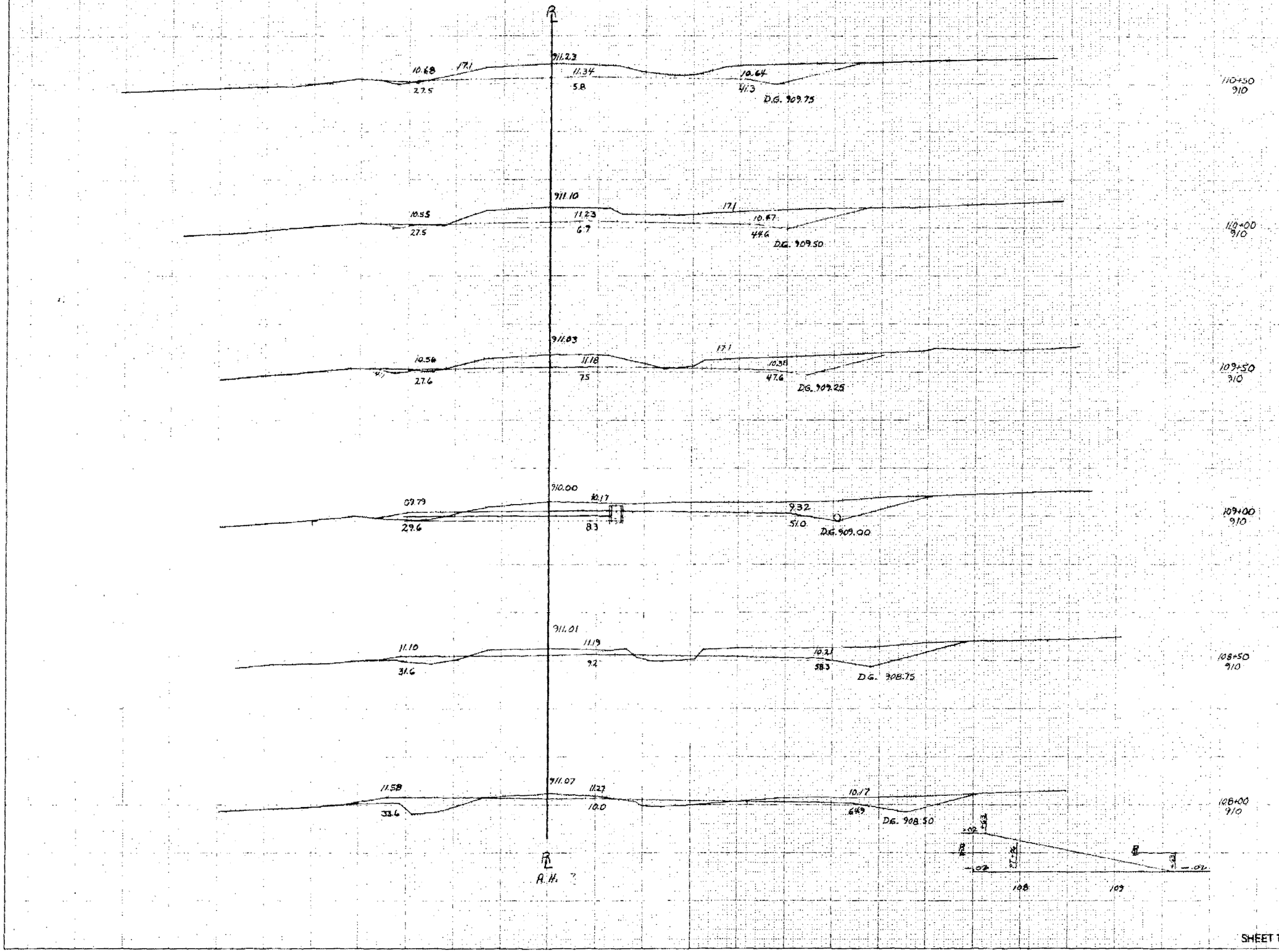
STATION	DISTANCE	YARDAGE EXCAVATION				FILL
		UNCL				
106+00						
	50	23				622
106+50						
	50	29				493
107+00						
	50	22				328
107+50						
	TOTAL	74				1443

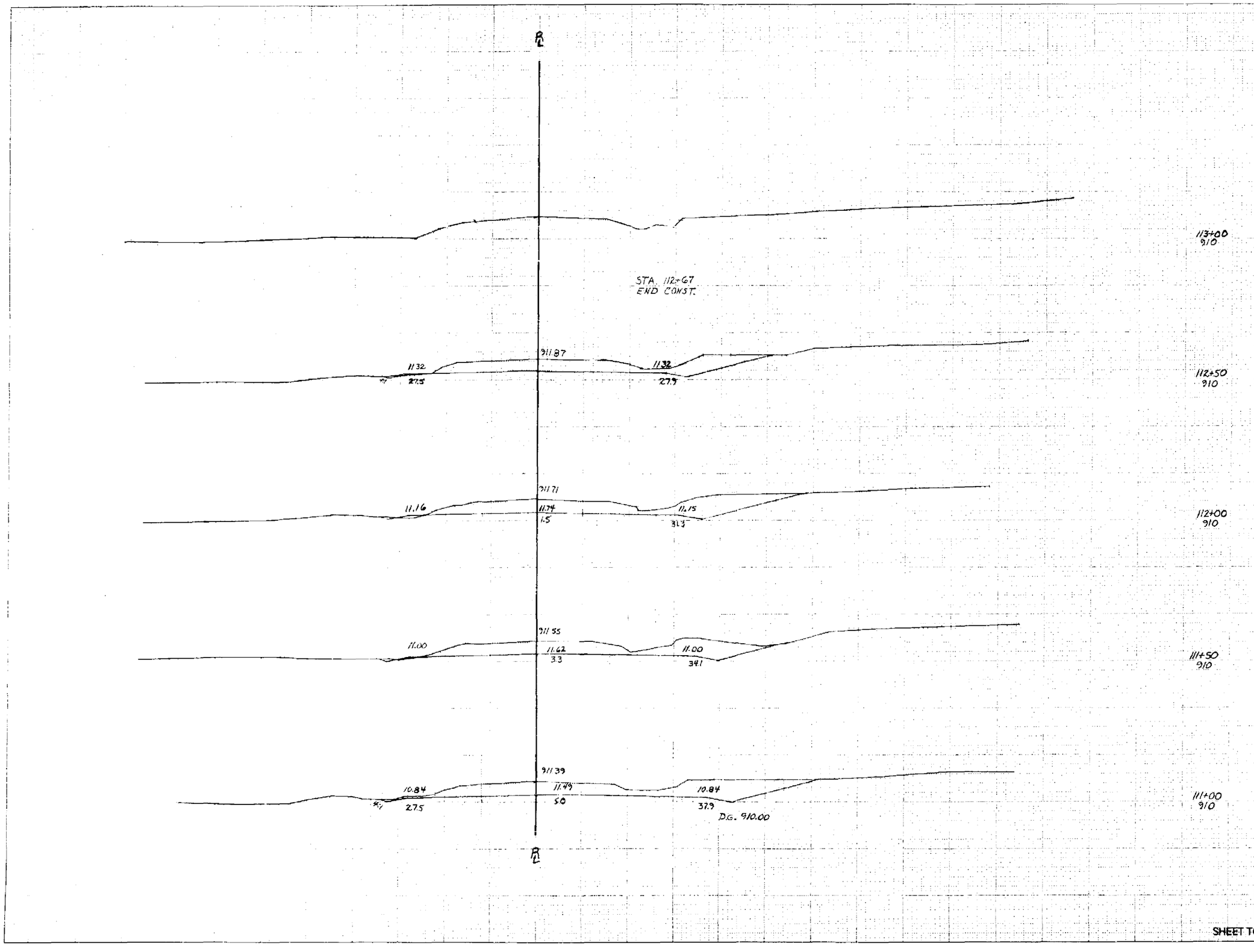


SHEET NO 5 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.5

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	YARDAGE FILL
107 + 50			
	50	83	219
108 + 00			
	50	202	122
108 + 50			
	50	298	69
109 + 00			
	50	341	30
109 + 50			
	50	356	2
110 + 00			
	50	361	2
118 + 50			
SHEET TOTAL		1641	444



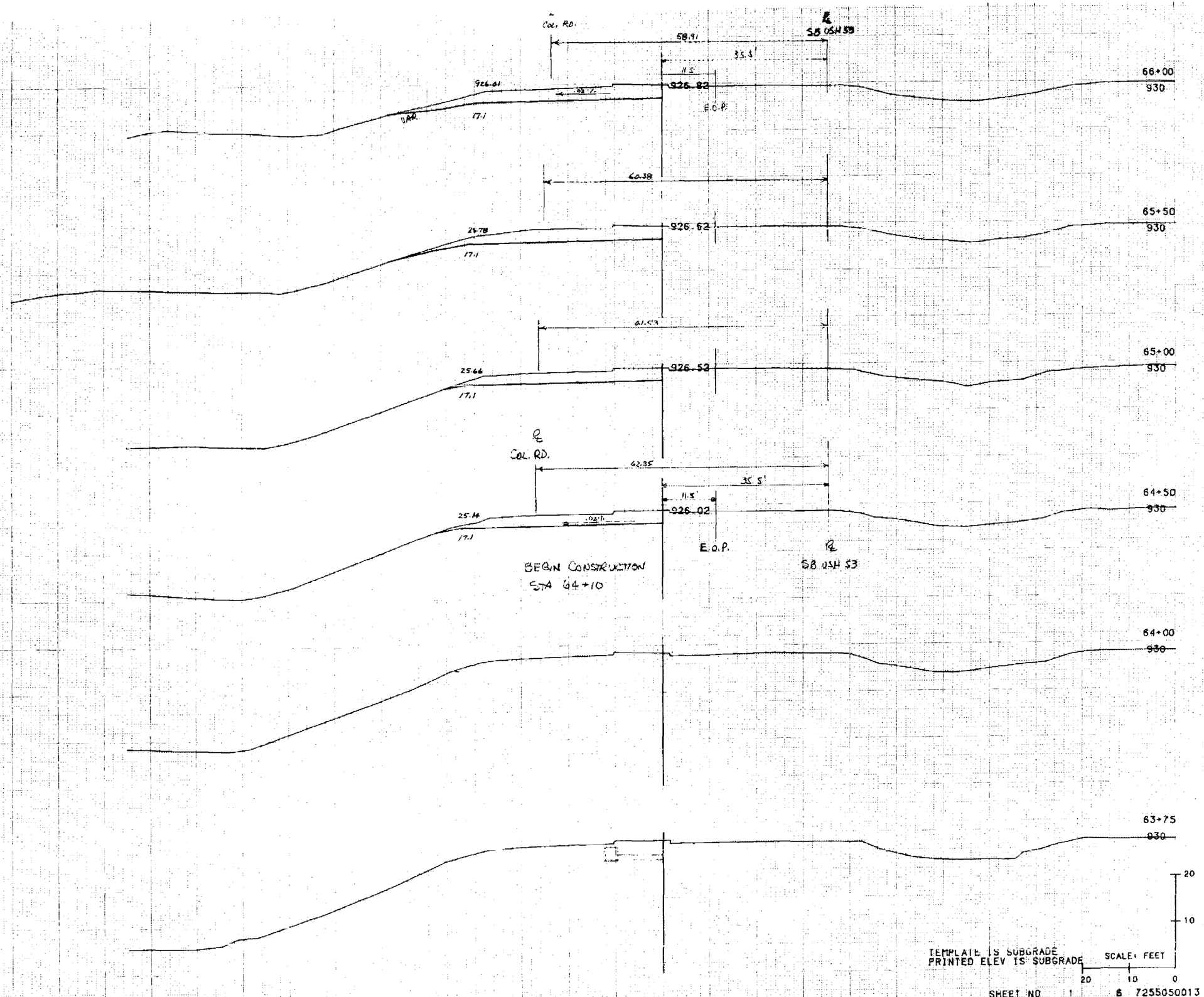


STATE PROJECT NUMBER	SHEET NUMBER
7285-05-71	910

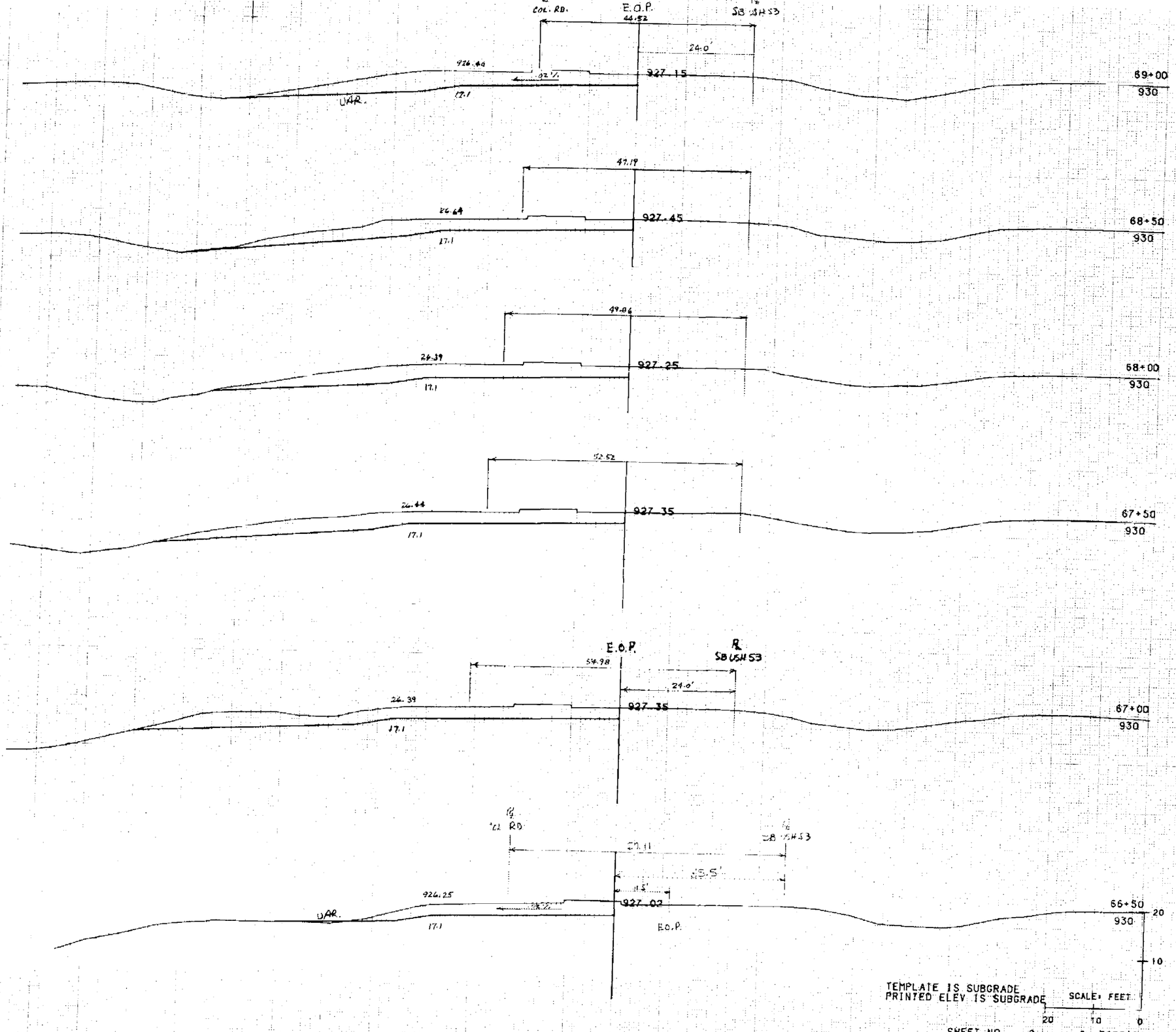
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
110 + 50			
	382		2
111 + 00			
	387		3
111 + 50			
	365		6
112 + 00			
	309		4
112 + 50			
	85		0
112 + 67			
SHEET TOTAL	1528		15

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	91

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.				FILL
						0
64+10	40	156				
64+50	50	183				
65+00	50	199				
65+50	50	224				0
66+00						
	TOTAL	762				0



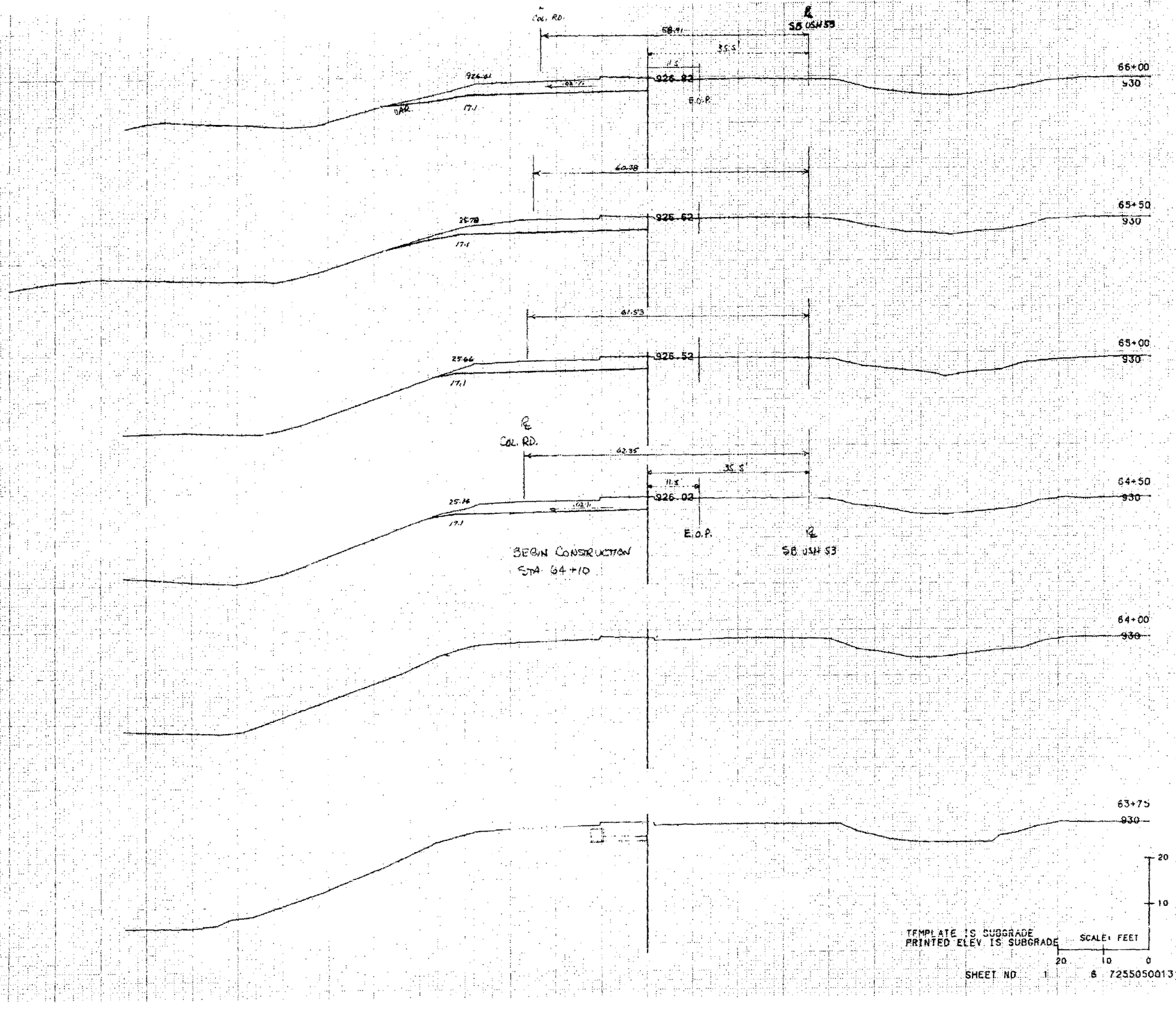
SHEET NO 1 S 7255050013



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.8

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
66+00			
	50	231	0
66+50			
	50	338	
67+00			
	50	437	
67+50			
	50	408	
68+00			
	50	375	
68+50			
	50	378	0
69+00			
	TOTAL	2167	0

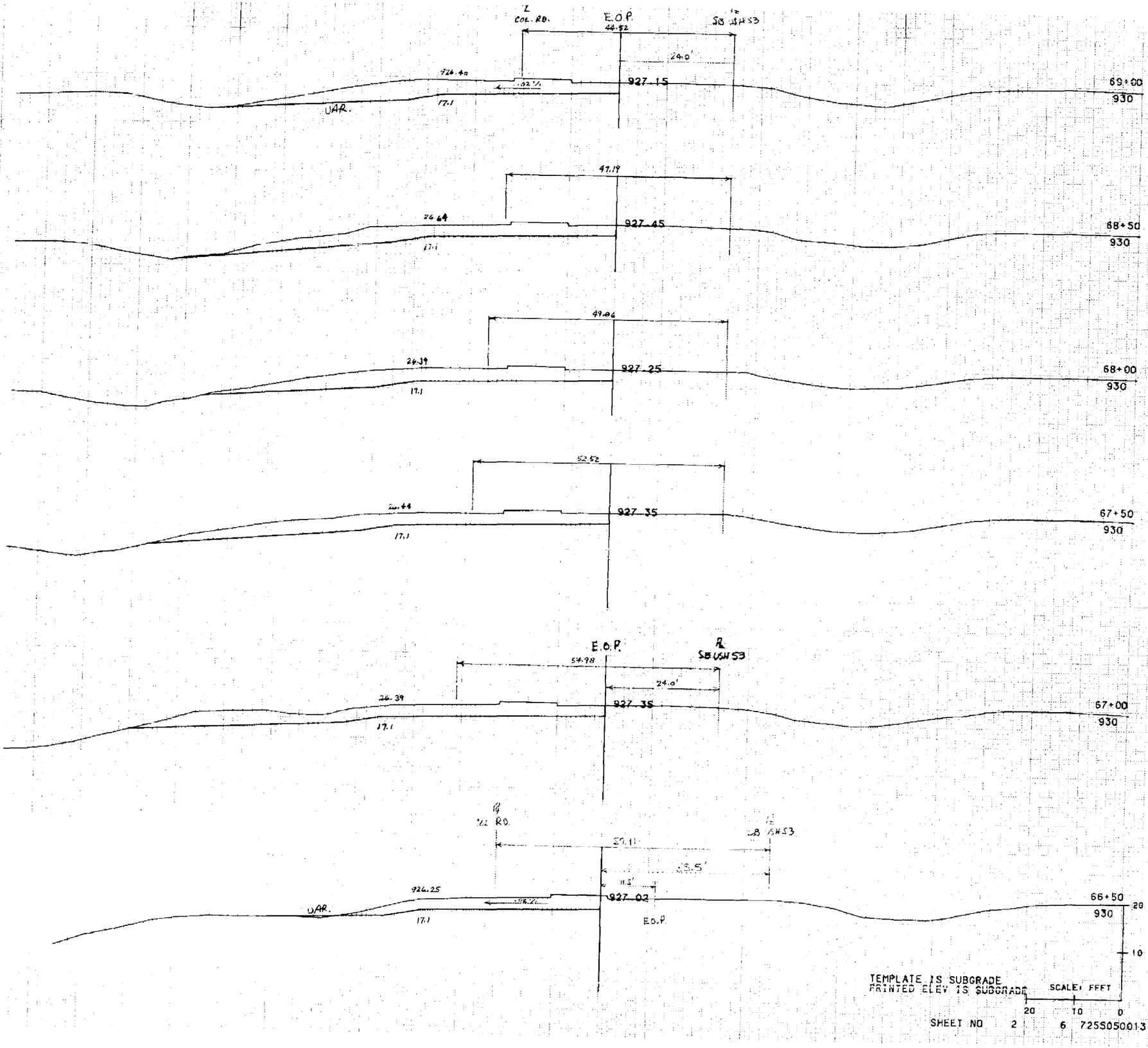
SHEET NO 2 6 7255050013



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.1

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
			0
64+10	40	156	
64+50	50	103	
65+00	50	199	
65+50	50	224	0
66+00			
	TOTAL	762	0

Sec. R.O.



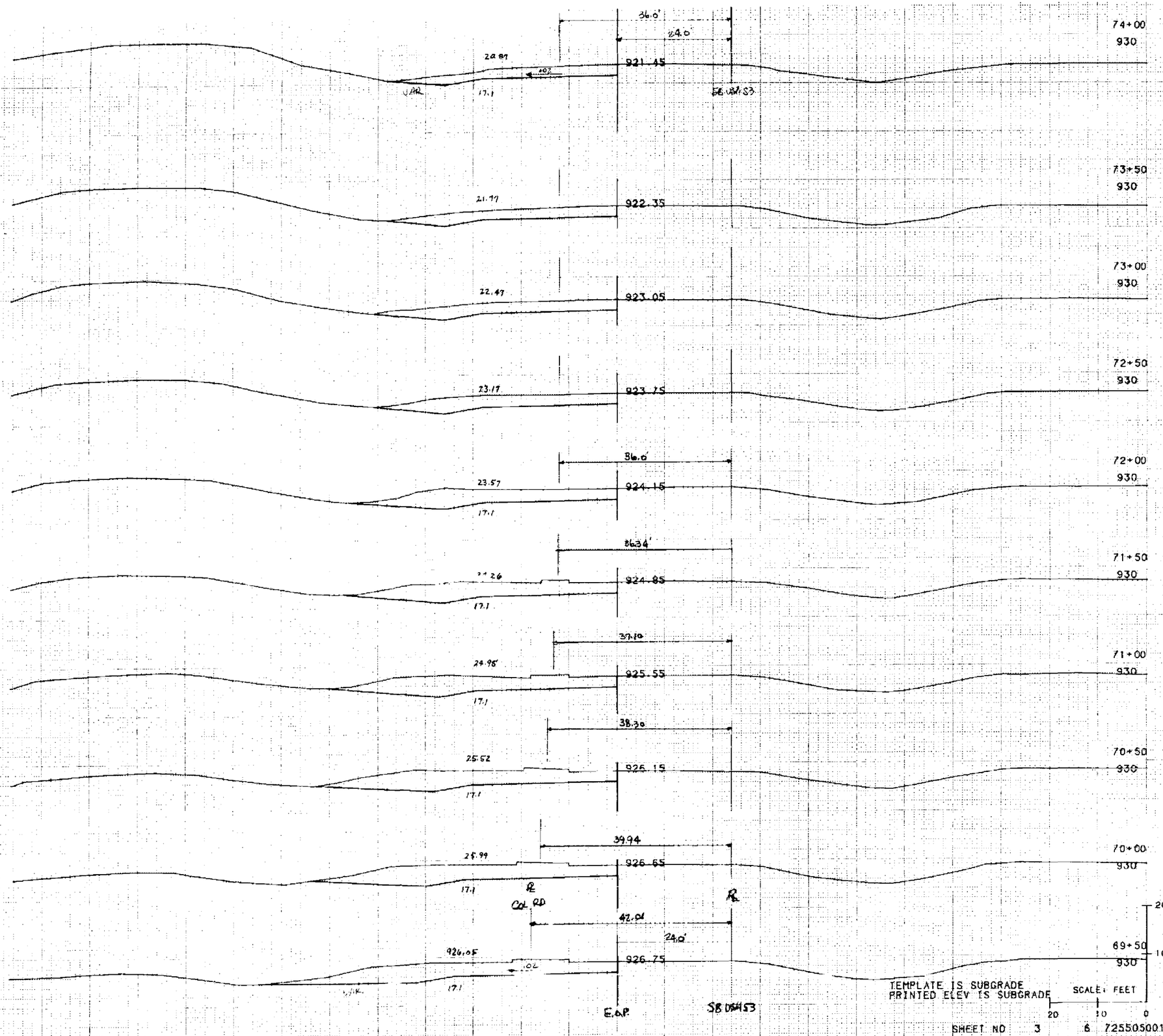
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.8

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
66+00			
	50	231	0
66+50			
	50	338	
67+00			
	50	437	
67+50			
	50	409	
68+00			
	50	375	
68+50			
	50	378	0
69+00			
TOTAL		2167	0

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SCALE: FEET
20 10 0

SHEET NO 2 6 725505001.3



STATION	DISTANCE	YARDAGE EXCAVATION	FILL
		UNCL	
69+00	50	371	0
69+50	50	341	0
70+00	50	327	0
70+50	50	310	0
71+00	50	288	0
71+50	50	264	0
72+00	50	230	0
72+50	50	200	0
73+00	50	182	0
73+50	50	164	0
74+00	TOTAL	2679	0

STATE PROJECT NUMBER: 7255-05-71

SHEET NUMBER: 99

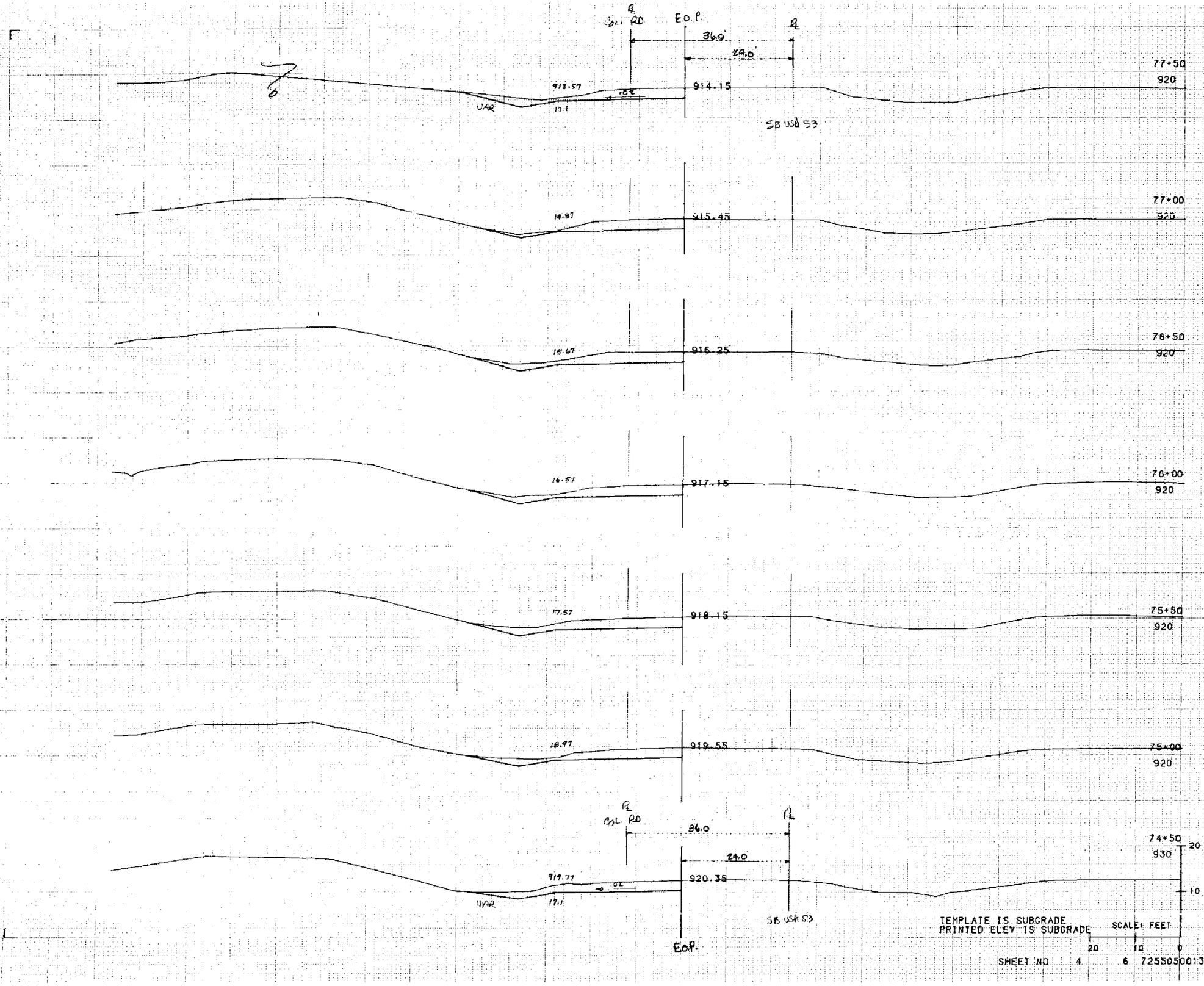
TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SCALE: FEET

SHEET NO 3 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.10

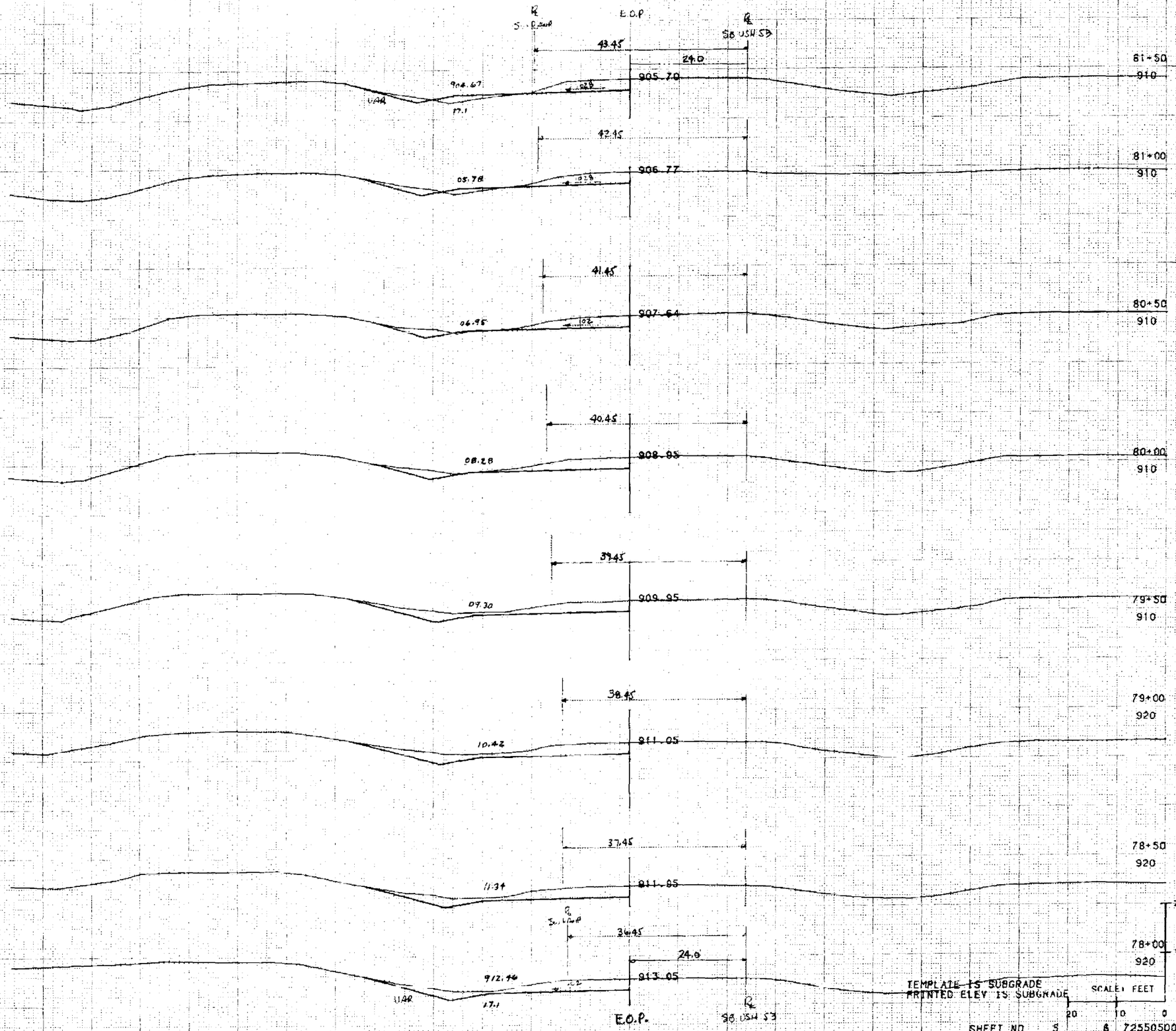
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
74+00			
	50	151	0
74+50	50	137	0
75+00	50	139	0
75+50	50	143	0
76+00	50	139	0
76+50	50	127	0
77+00	50	128	0
77+50			
	TOTAL	964	0



SHEET NO 4 6 725505013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.11

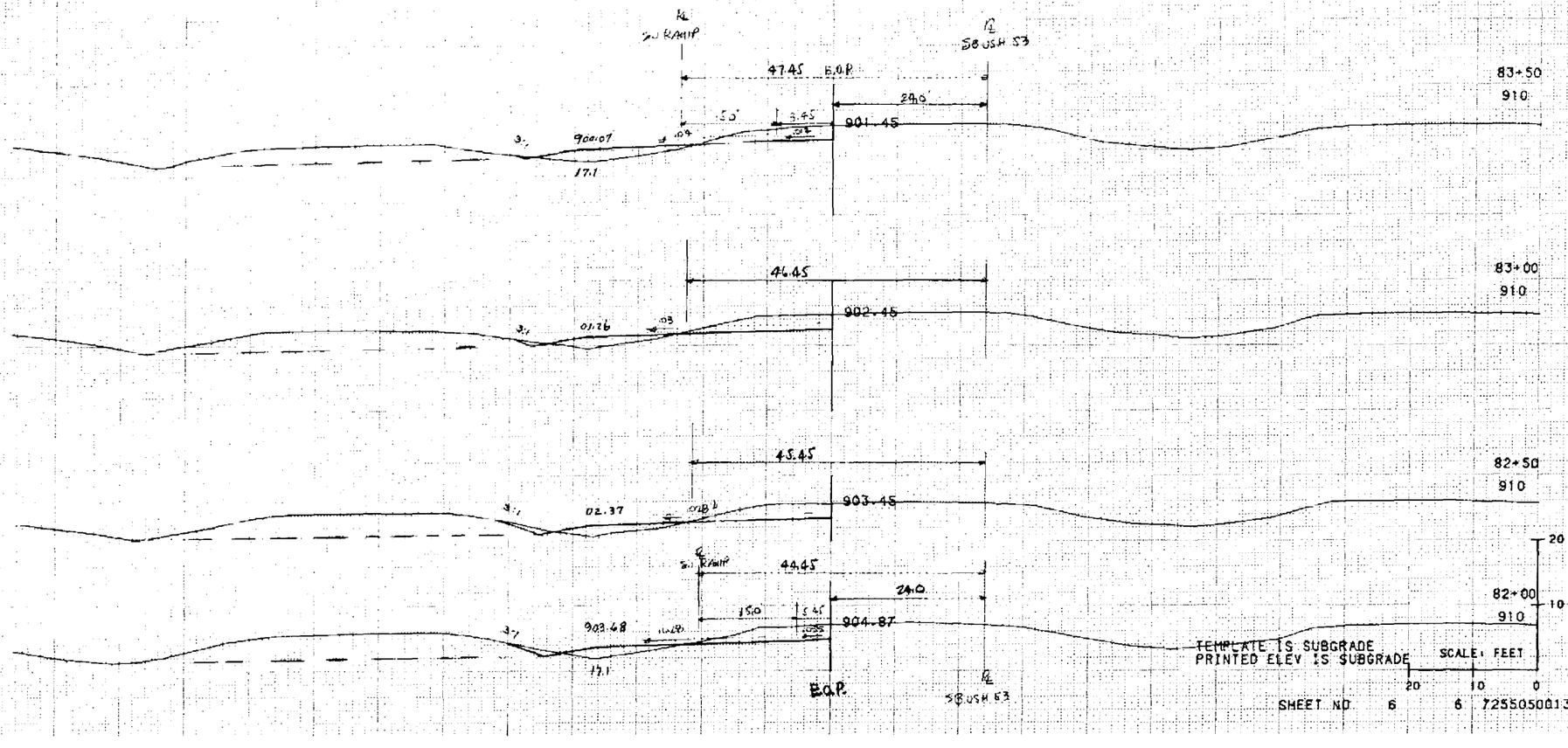
STATION	DISTANCE	YARDAGE EXCAVATION UNC	FILL
77+50	50	142	0
78+00	50	144	0
78+50	50	151	0
79+00	50	148	0
79+50	50	127	0
80+00	50	107	1
80+50	50	99	7
81+00	50	92	18
81+50	TOTAL	1010	26

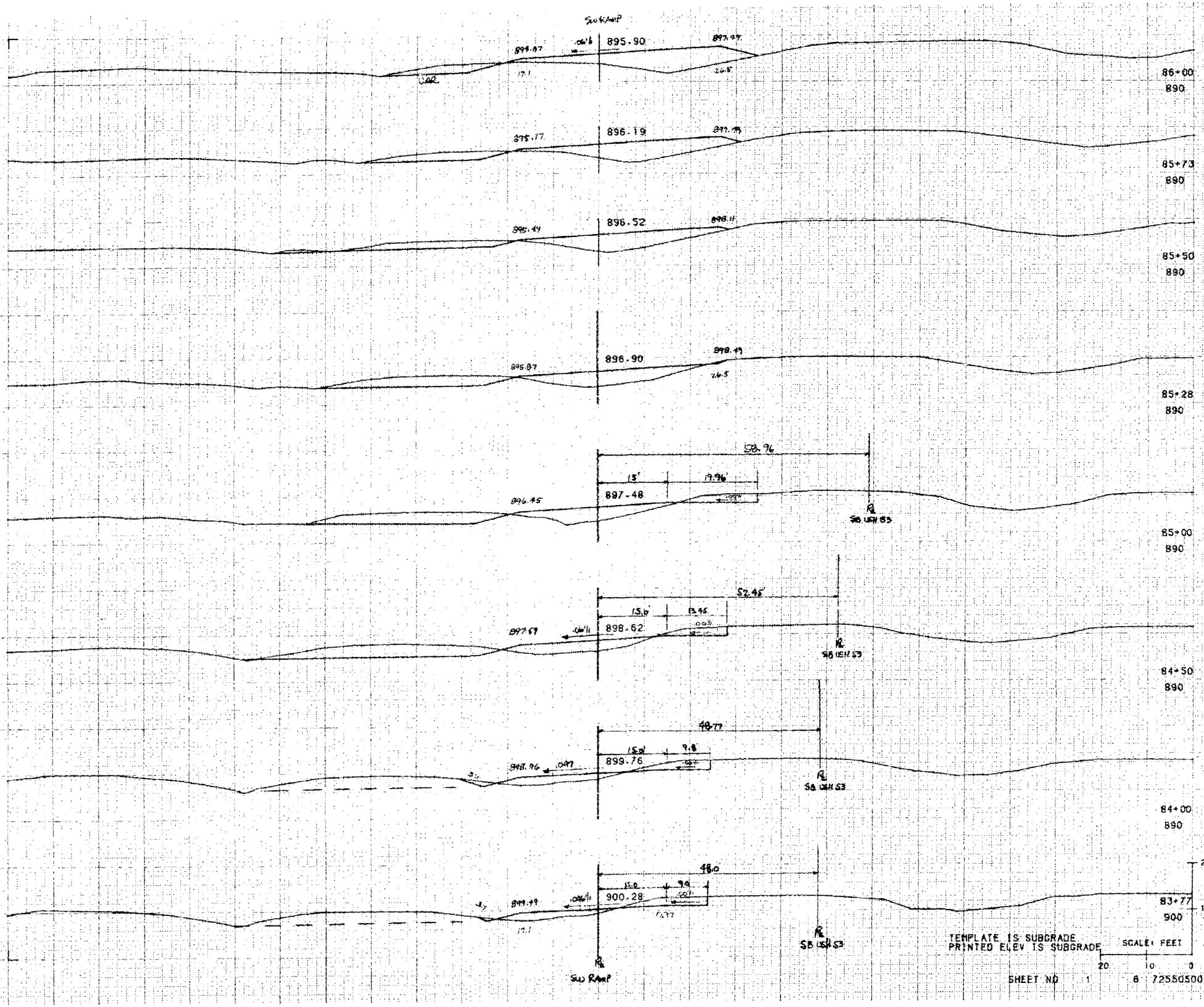


SHEET NO 5 & 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.12

STATION	DISTANCE	YARDAGE EXCAVATION	FILL
		(UNCL)	
81+50			
	50	246	28
82+00	50	390	34
82+50	50	348	35
83+00	50	293	44
83+50			
	TOTAL	1277	141



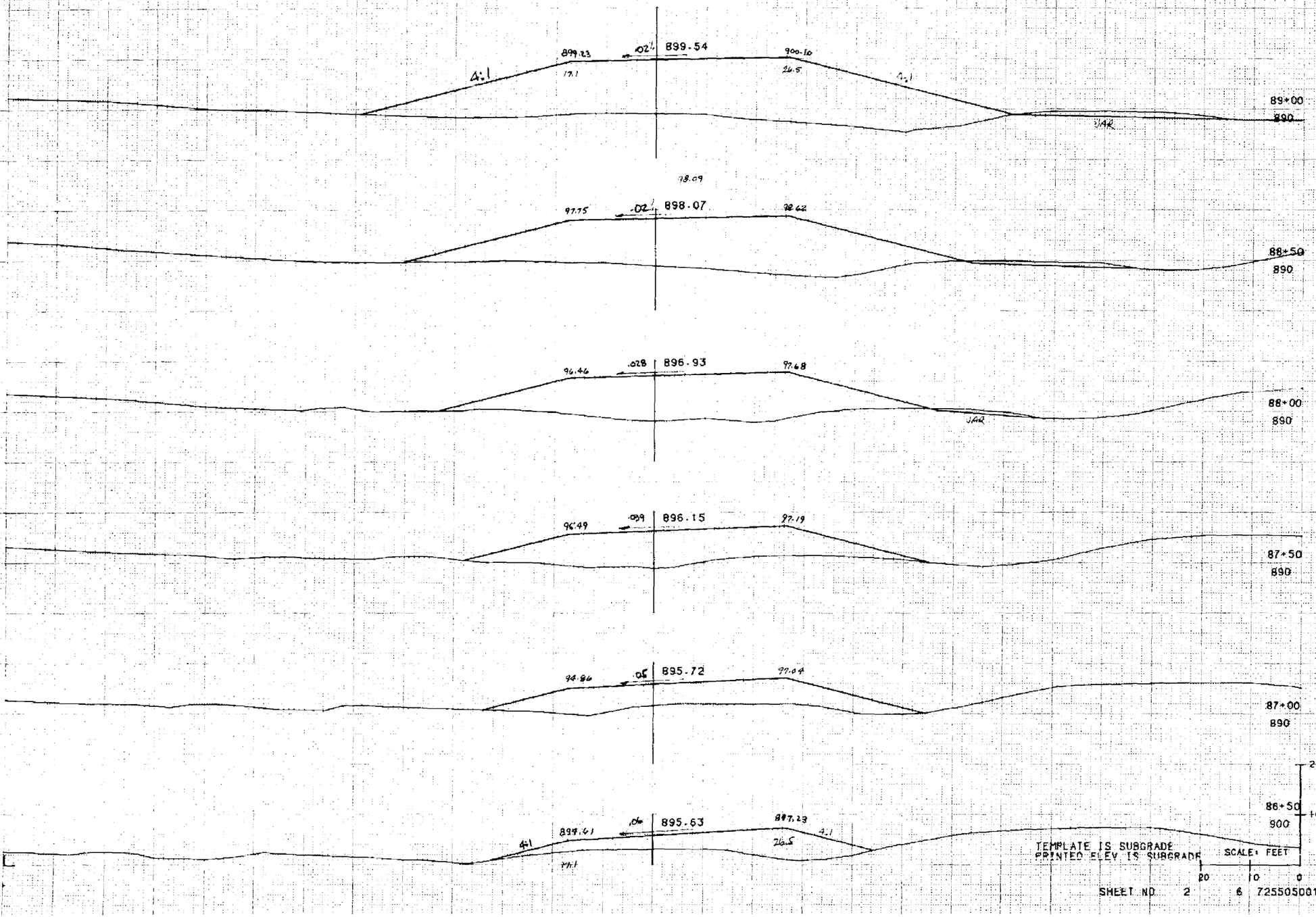


STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.13

STATION	DISTANCE	YARDAGE EXCAVATION (UNCL)	FILL
83+50			
	27	141	30
83+77	23	115	28
84+00	50	245	87
84+50	50	227	118
85+00	28	99	81
85+28	22	52	78
85+50	23	40	94
85+73	27	38	133
86+00	TOTAL	957	651

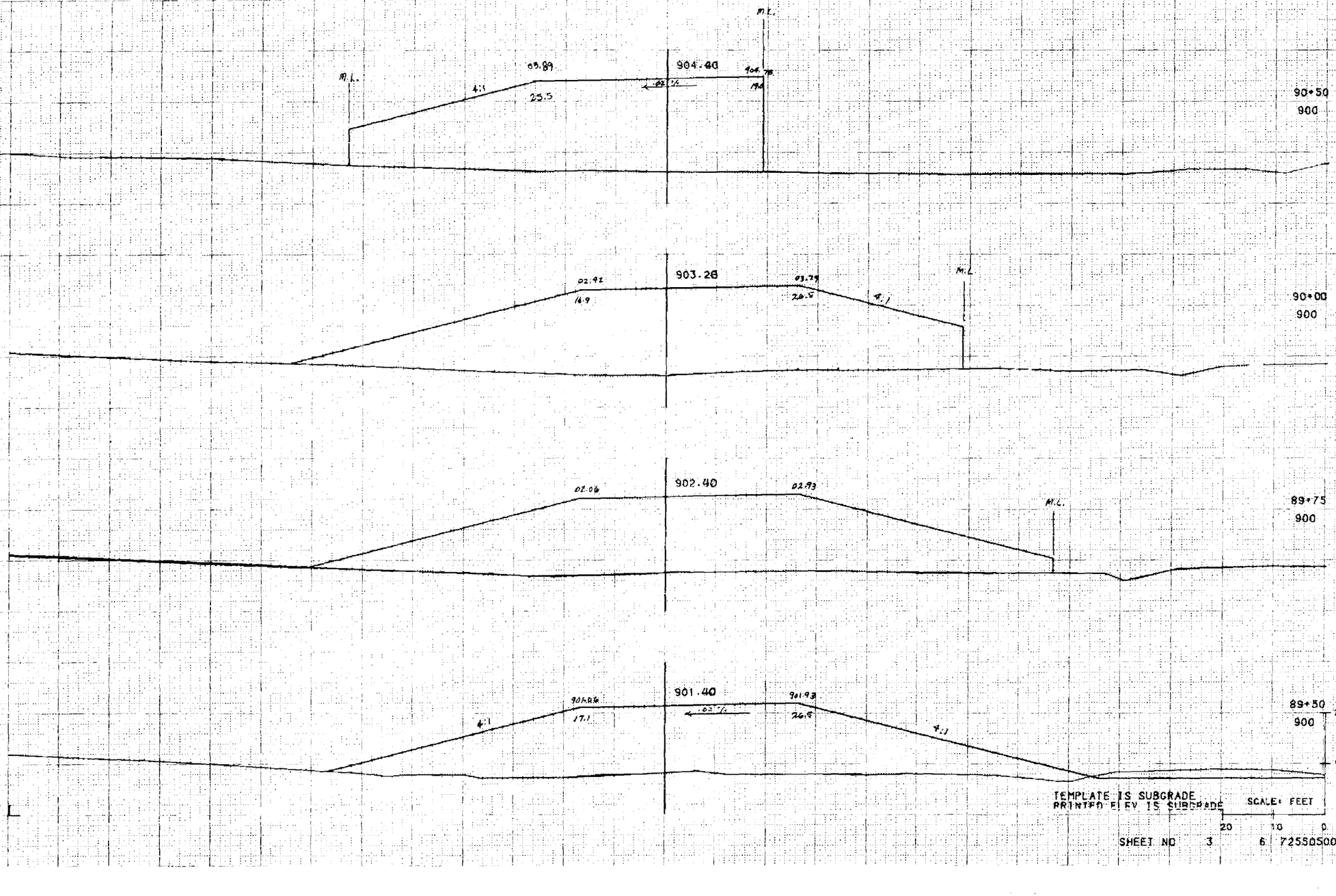
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.14

STATION	DISTANCE	YARDAGE EXCAVATION UNCL					FILL
86+00							
	50	30					339
86+50	50	0					507
87+00	50	0					696
87+50	50	10					1730
88+00	50	31					1259
88+50	50	53					1719
89+00							
	TOTAL	124					5496



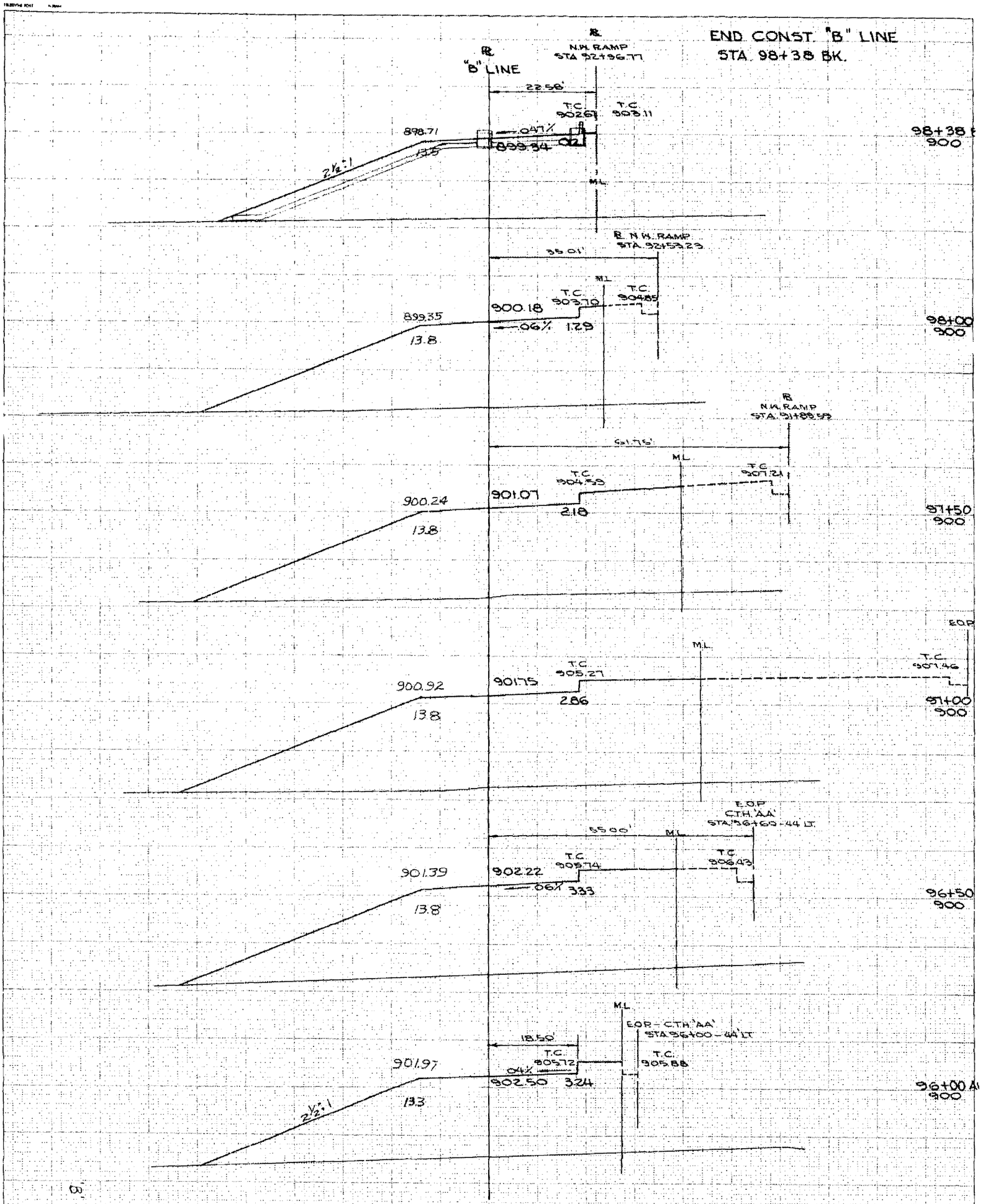
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.15

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
89+00			
	50	93	2247
89+50			
	25	30	1358
89+75			
	25	0	1644
90+00			
	50	0	2683
90+50			
TOTAL		123	7706



Sew Rdwy

SHEET NO 3 6 725505001 3



STATION	96+00	96+50	97+00	97+50	98+00	98+38
DISTANCE		50	50	50	50	38
EXCAVATION						
YARDAGE						
FILL		2377	2906	3013	2417	1456

SHEET TOTAL 12769

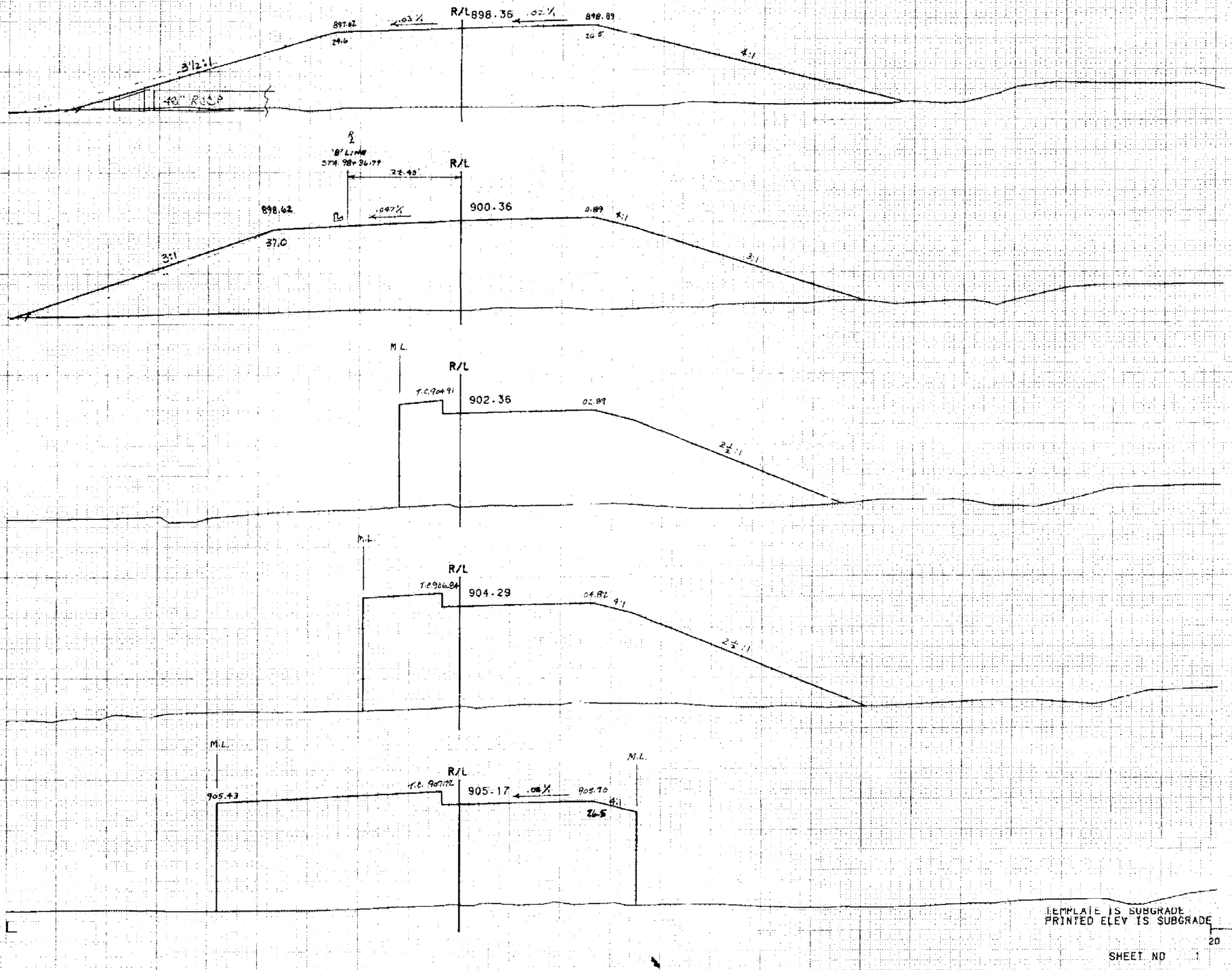
STATE PROJECT NUMBER 7255-05-71

SHEET NUMBER 9 of 16

Catalog No. 2139-C121

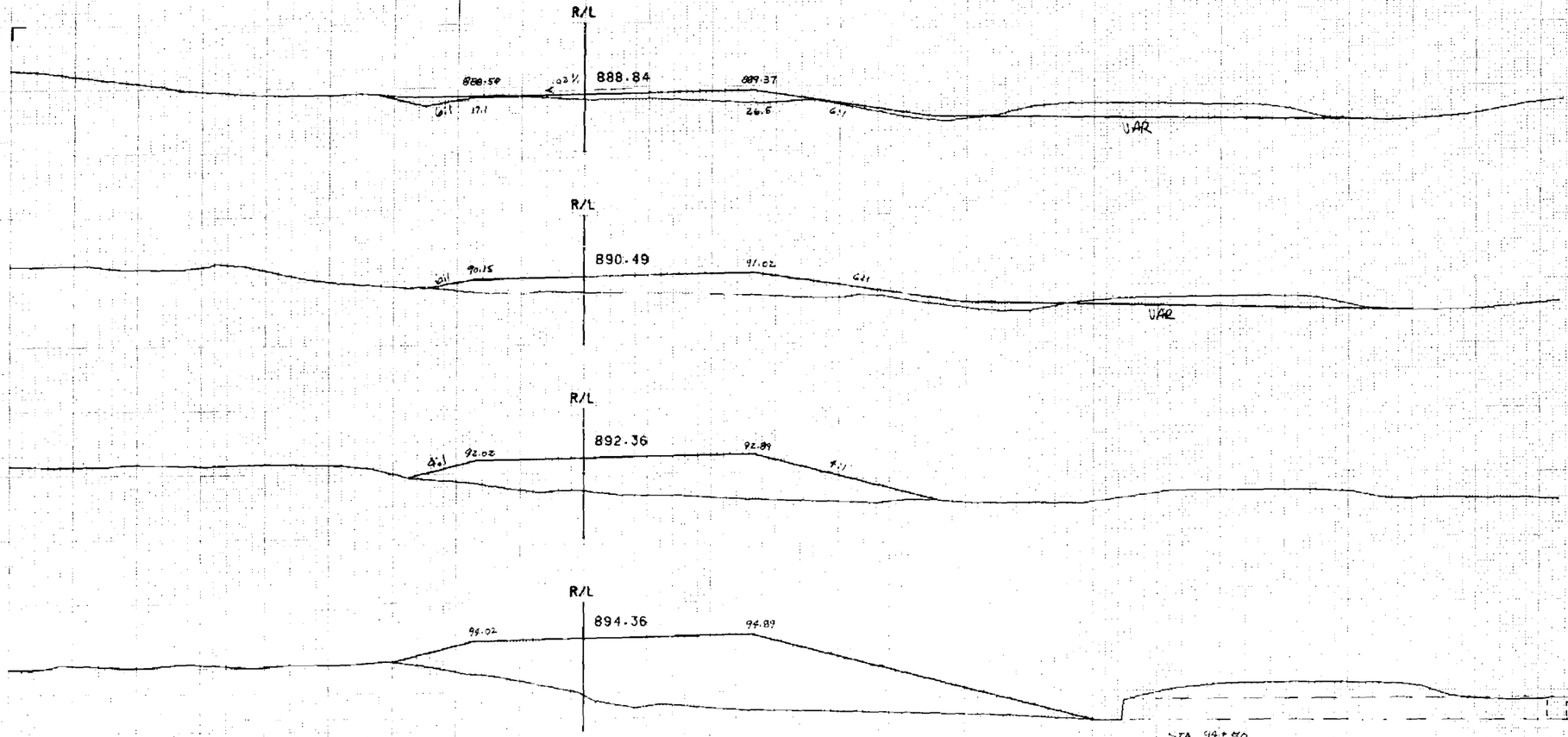
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.17

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	YARDAGE FILL
93+50			
	50	0	3018
93+00			
	50	0	3421
92+50			
	50		2541
92+00			
	50		2960
91+50			
TOTAL		0	11930



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.18

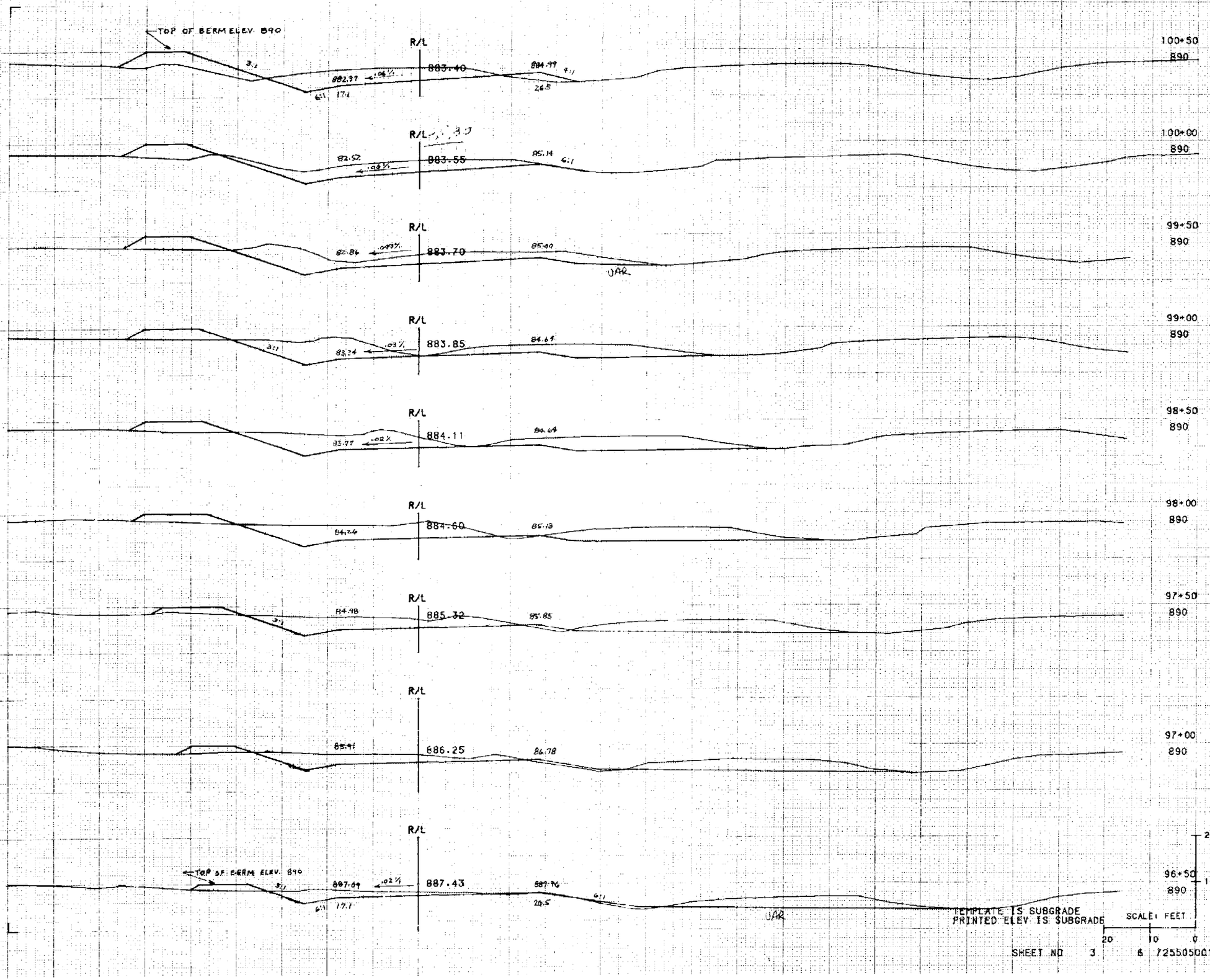
STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
93+50	25	0	1487
93+75	25		1193
94+00	30		1084
94+30	20		584
94+50	50	0	1019
95+00	50	55	520
95+50	50	167	283
96+00			
	TOTAL	212	6120



SHEET NO 2 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.19

STATION	DISTANCE	YARDAGE EXCAVATION	FILL
		UNCL	
96+00	50	260	60
96+50	50	343	15
97+00	50	443	13
97+50	50	508	9
98+00	50	532	4
98+50	50	494	0
99+00	50	424	0
99+50	50	347	0
100+00	50	287	15
100+50	TOTAL	3658	116



SHEET NO 3 B 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9,20

STATION	DISTANCE	YARDAGE EXCAVATION					FILL
		UNCL					
100+50							
	50	272					32
101+00							
	50	307					32
101+50							
	50	341					29
102+00							
	50	330					19
102+50							
	50	393					7
103+00							
	50	403					5
103+50							
	50	425					2
104+00							
	50	445					0
104+50							
	TOTAL	2956					126

TOP OF BERM ELEV. 890

3:1

R/L

882.52 .04% 882.20 39.35

17.1

D.G. 879.60

SB R/L STA 104+47.42

104+50 BK
890

R/L

31.58 .04% 882.35 43.42 83.01 5.0% 15.0

D.G. 879.80

SB R/L STA 103+96.26

104+00
890

R/L

31.64 .05 882.50 46.39 83.25 15.0

D.G. 880.00

SB R/L STA 103+44.94

103+50
890

R/L

31.71 .05% 882.65 51.36 83.48 15.0

D.G. 880.20

SB R/L STA 102+93.44

103+00
880

R/L

31.77 .06% 882.80 57.03 83.70 .00% 15.0

D.G. 880.30

S.B. R/L STA 102+41.70

102+50
880

R/L

31.82 882.95 84.50 20.5

D.G. 880.50

102+00
890

R/L

32.07 883.10 84.67

D.G. 880.70

101+50
890

TOP OF BERM ELEV. 890

3:1

R/L

882.22 .06% 883.25 884.84 2% 2% 20.5

17

STA 101+00
1-28"x20"x48' CSP RSD
2- APRON ENDWALLS RSD

101+00
890

20
10

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

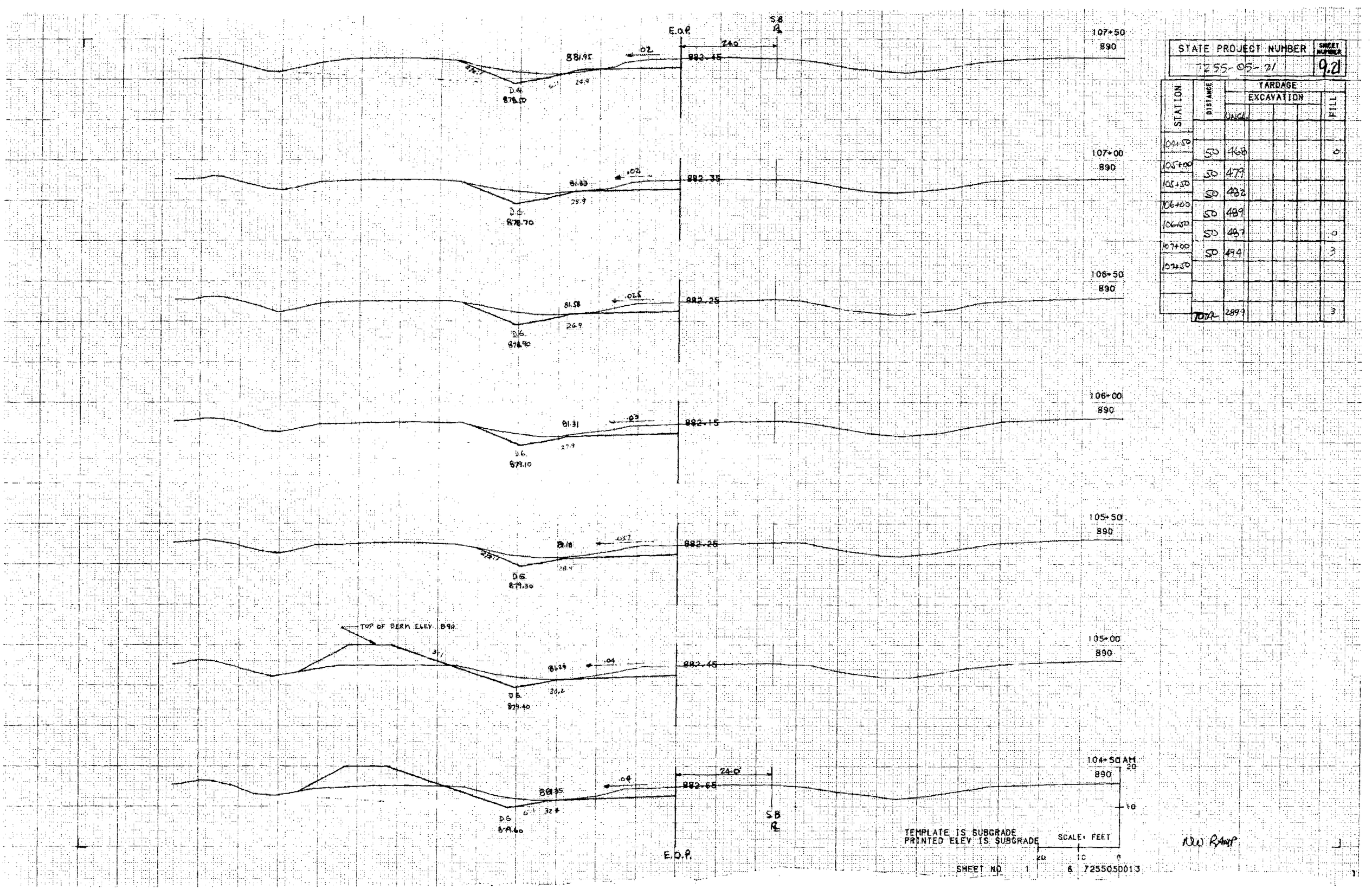
SCALE: FEET
20 10 0

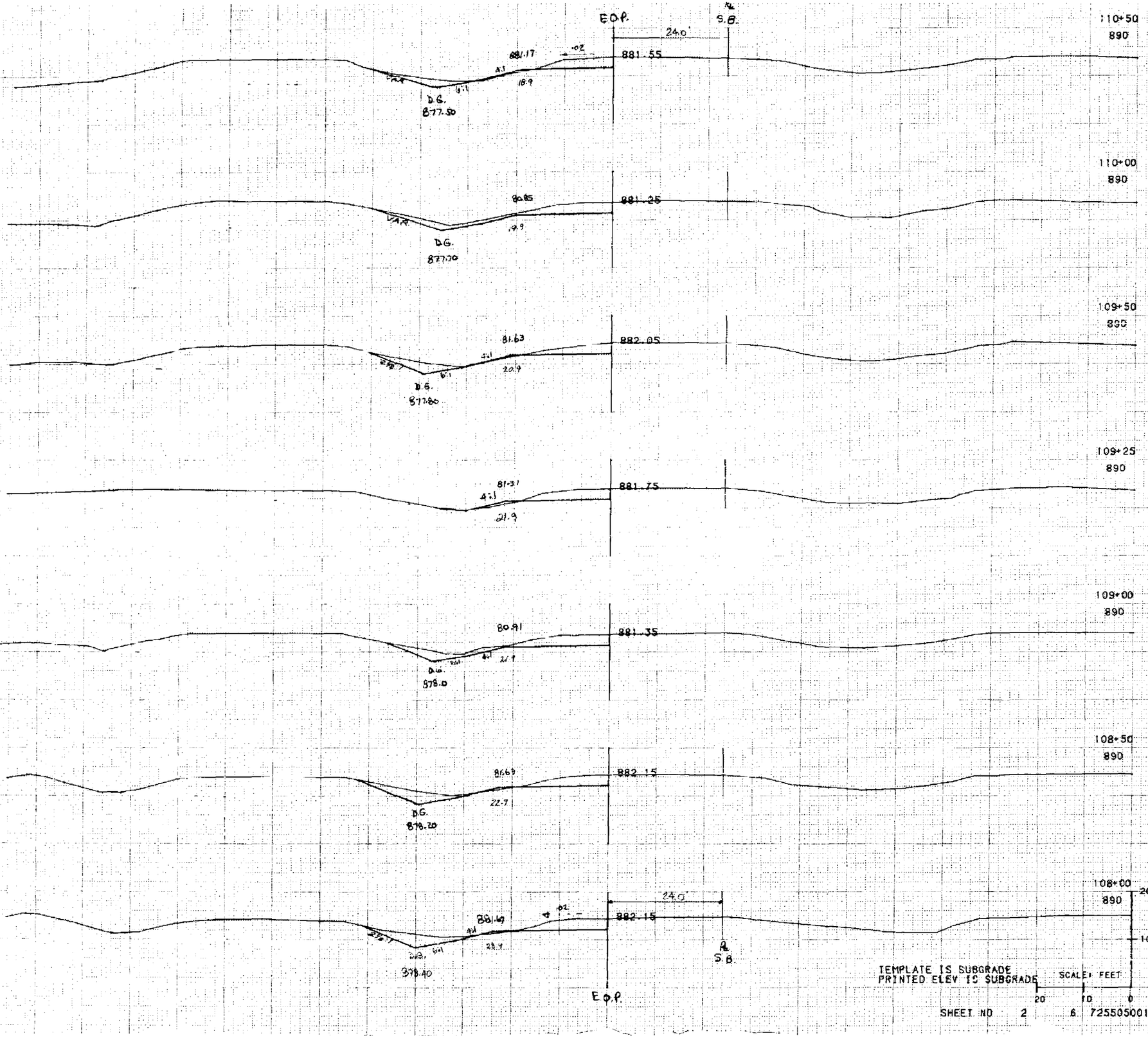
NW RAMP

SHEET NO 4 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.2

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
104+50			
	50	468	6
105+00			
	50	477	
105+50			
	50	482	
106+00			
	50	489	
106+50			
	50	497	0
107+00			
	50	494	3
107+50			
	TOTAL	2899	3





STATE PROJECT NUMBER	SHEET NUMBER
7255-05-91	9,22

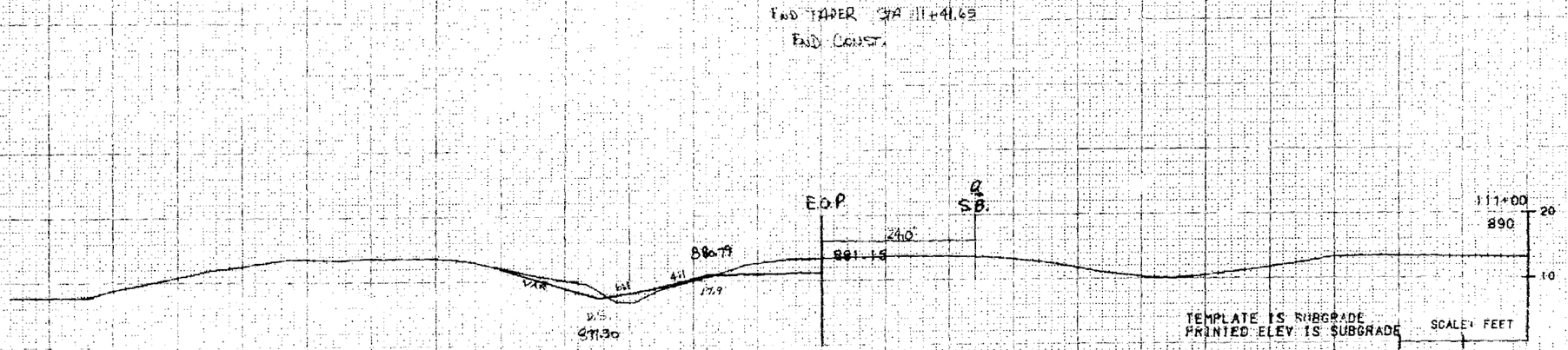
STATION	DISTANCE	YARDAGE EXCAVATION	FILL
		UNCL	
107+50			
	50	502	4
108+00	50	504	2
108+50	50	545	1
109+00	25	207	1
109+25	25	198	2
119+50	50	594	1
110+00	50	606	2
110+50			
	TOTAL	3156	13

SHEET NO 2 6 7255050013

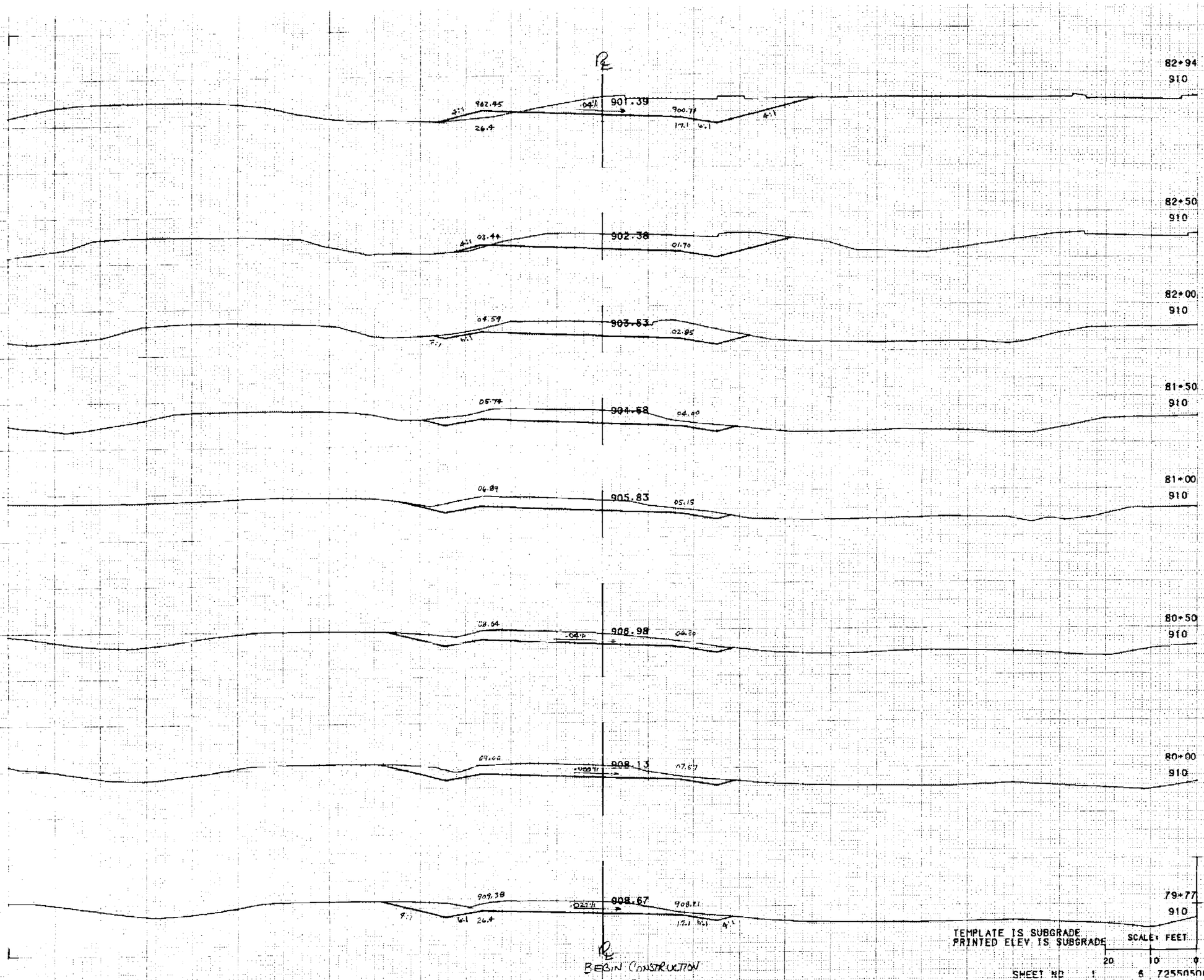
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.23

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	YARDAGE FILL
110+50			
	50	631	11
111+00			
	TOTAL	631	11

END TAPER @ 111+41.65
END CONST.



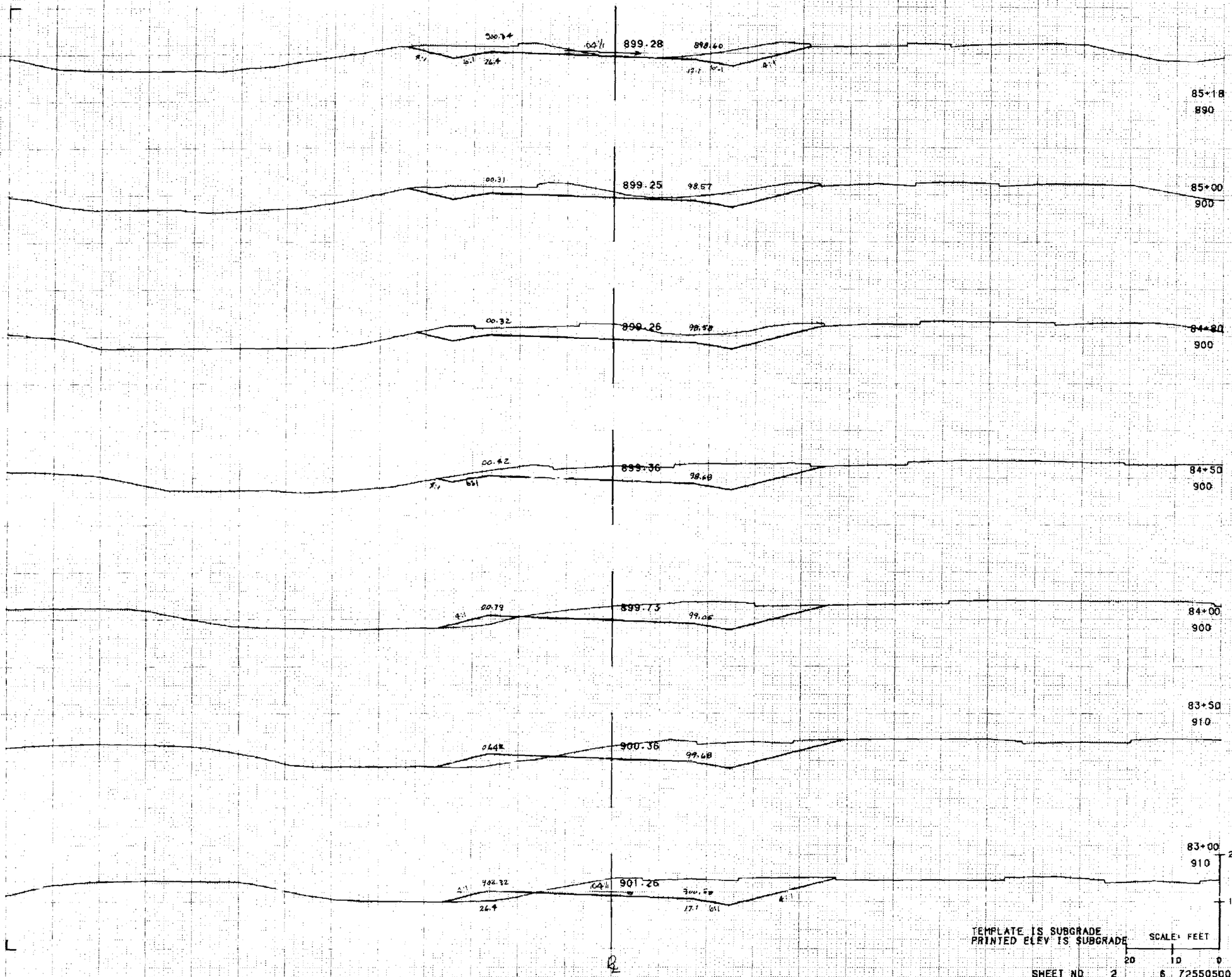
SHEET NO 3 6 7255050013



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.24

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.					FILL
78+50							
	127	649					0
79+77	23	120					
80+00	50	253					
80+50	50	239					
81+00	50	242					
81+50	50	281					0
82+00	50	334					3
82+50	44	319					15
82+94	TOTAL	2437					18

SHEET NO 1 S 7255050013

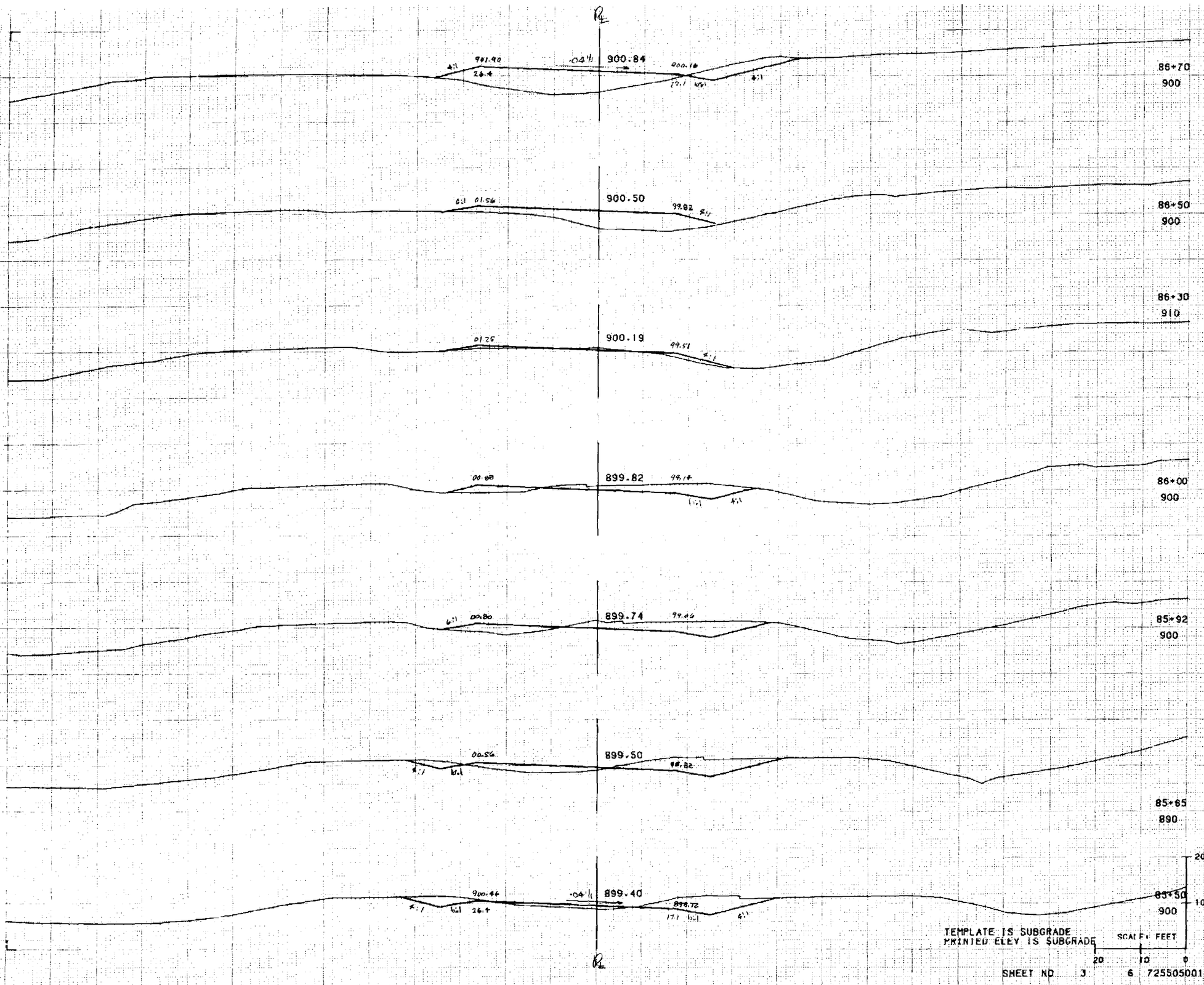


STATE PROJECT NUMBER	SHEET NUMBER
72 55-05-71	9.25

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
82+94	6	45	4
83+00	50	357	53
83+50	50	350	48
84+00	50	391	17
84+50	30	234	0
84+80	20	124	0
85+00	18	90	0
85+18			
	TOTAL	1593	122

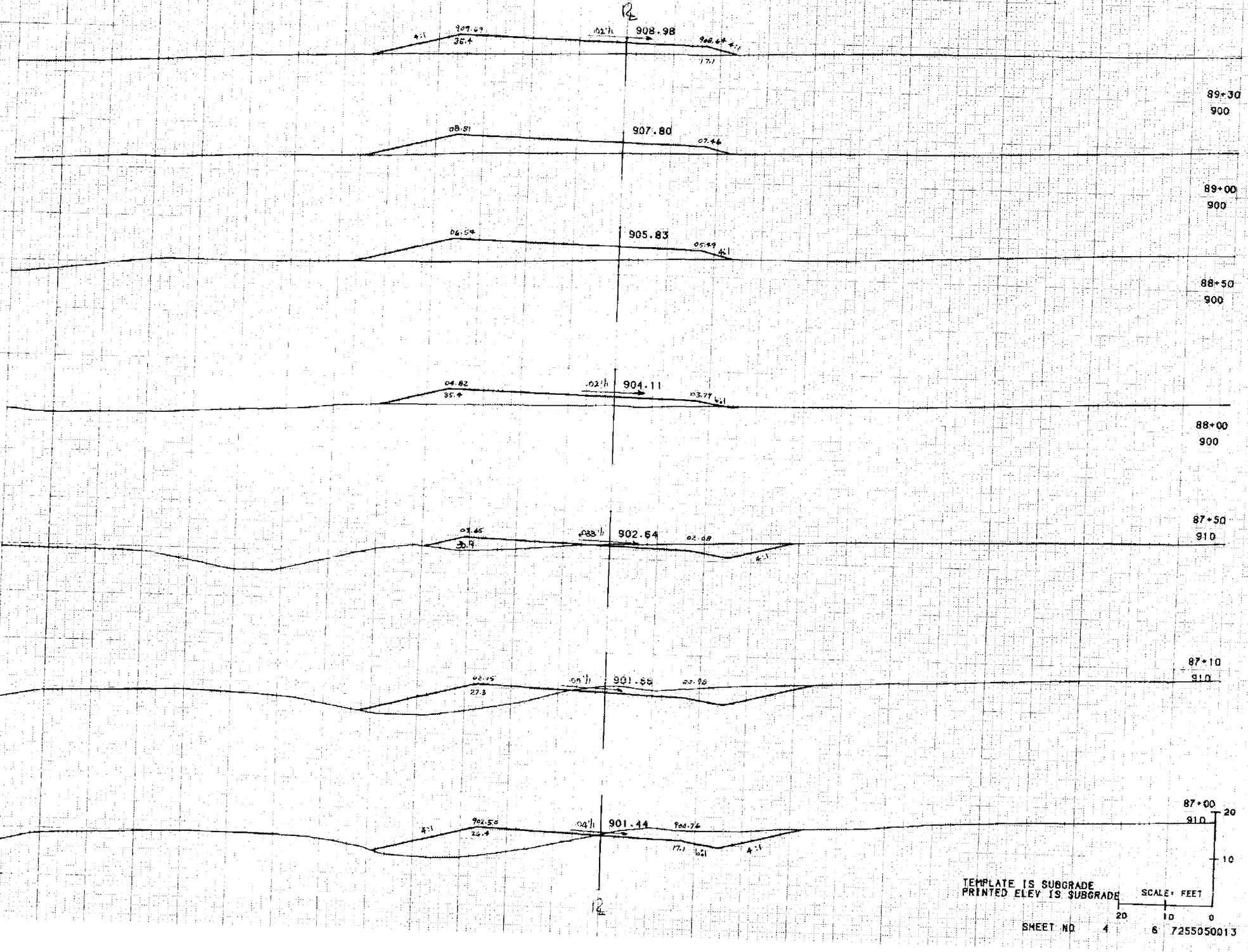
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.20

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
85+18	32	125	11
85+50	15	50	15
86+65	27	87	36
85+92	8	23	8
86+00	30	42	23
86+30	20	1	59
86+50	20	16	123
86+70			
	TOTAL	344	275



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-01	9.21

STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
86+70						
	30	72				199
87+00						
	10	32				57
87+10						
	40	106				197
87+50						
	50	50				188
88+00						
	50	0				358
88+50						
	50	0				397
89+00						
	30	0				214
89+30						
	TOTAL	260				1562

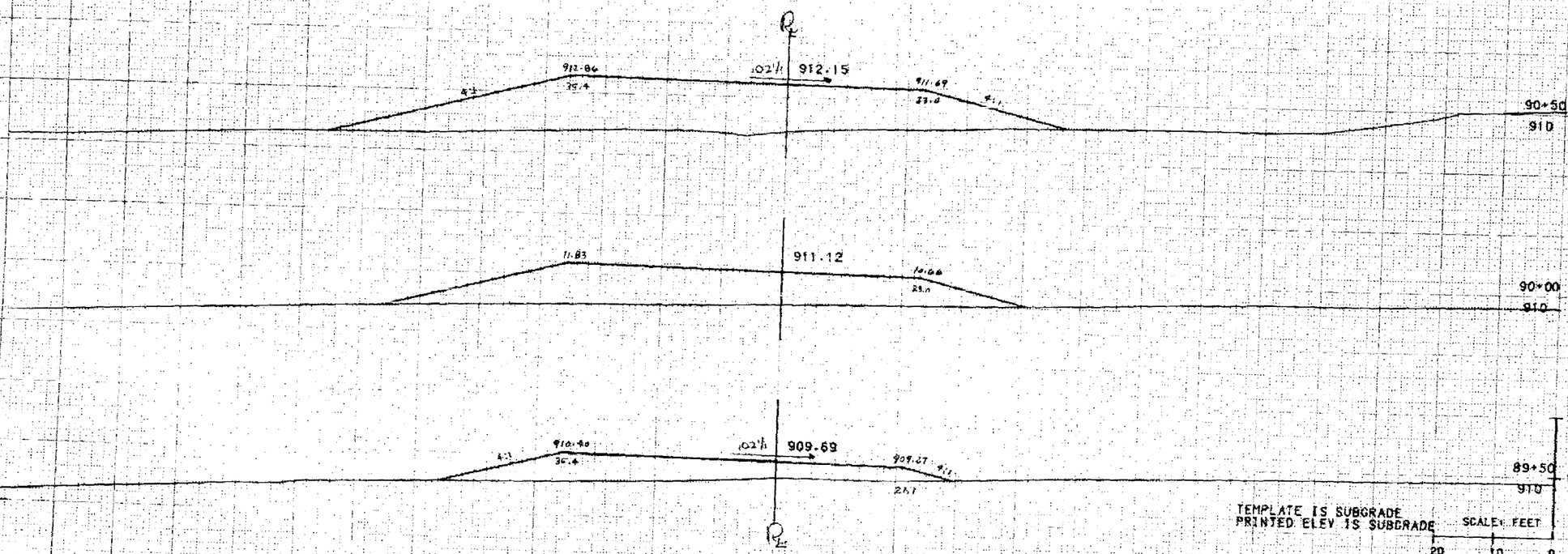


SE RAMP

SHEET NO 4 6 7255050013

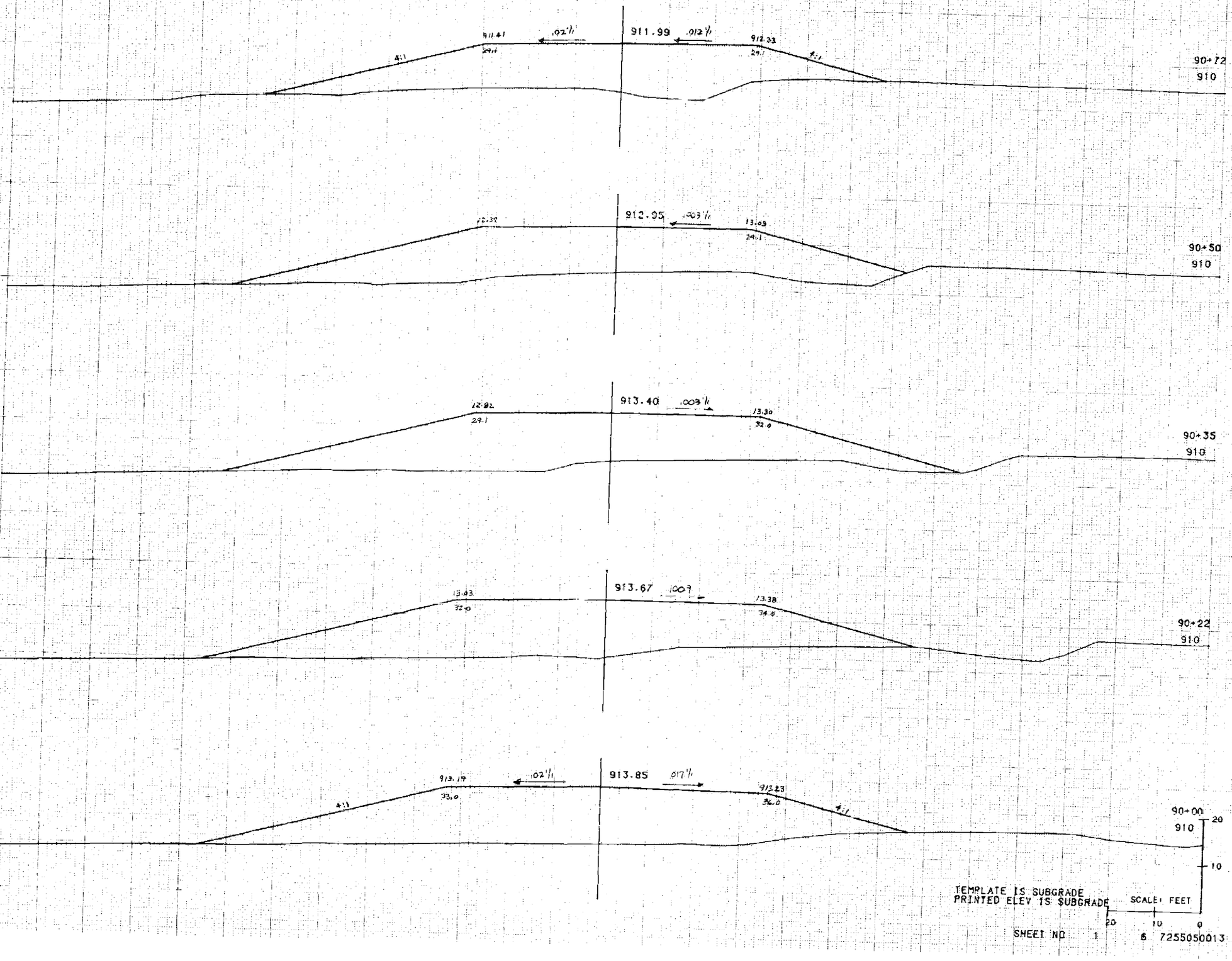
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	928

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
89+30			
	20	0	145
89+50			
	50	0	674
90+00			
	50	0	1122
90+50			
	TOTAL	0	1941



SE RAMP

SHEET NO 5 6 7255050013



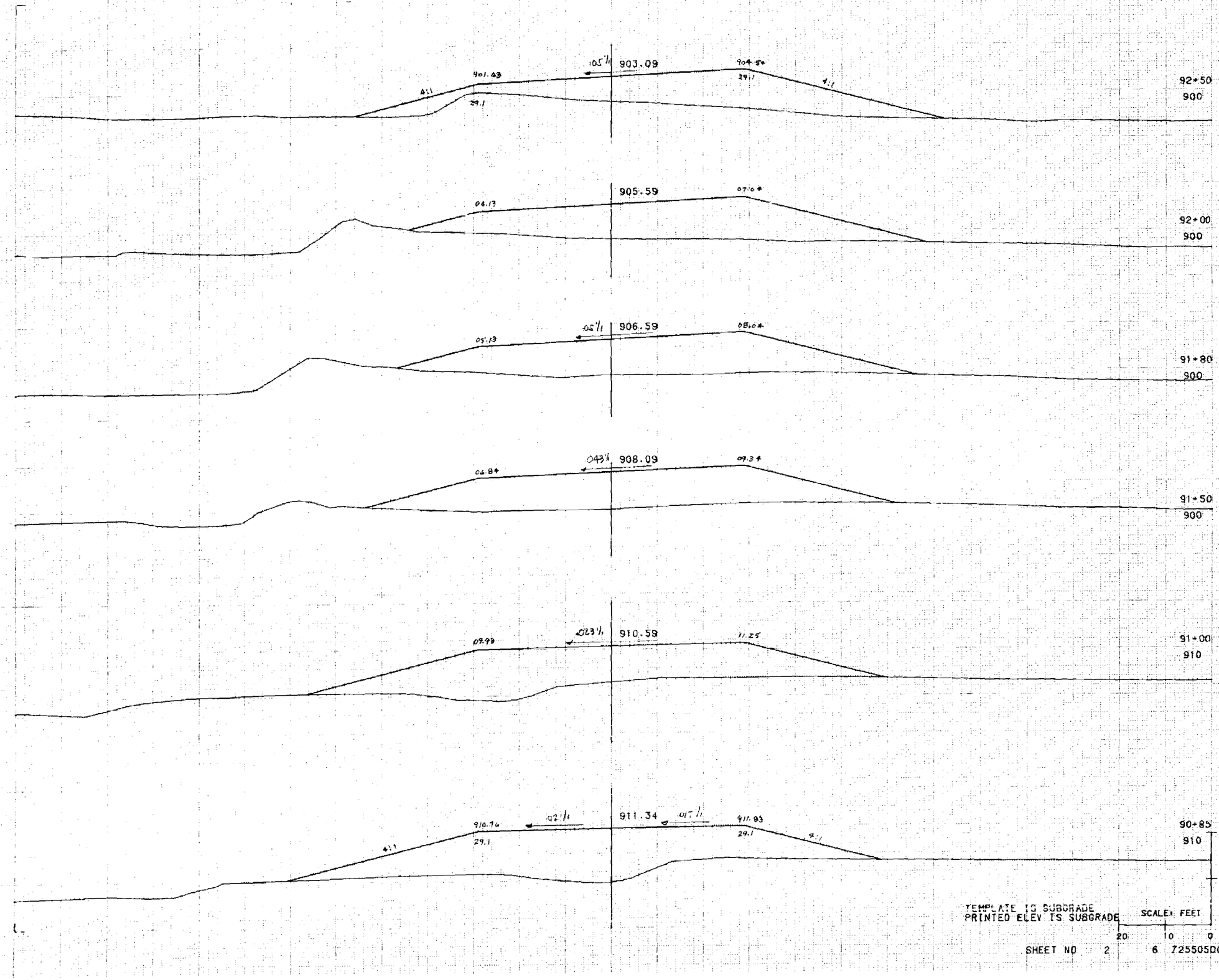
STATE PROJECT NUMBER	SHEET NUMBER
7255 05 71	9,29

STATION	DISTANCE	FILL
	UNCL	
90+00		
90+22	22 0	1014
90+35	13	879
90+50	15	625
90+72	22 0	814
	TOTAL 0	3028

NE RAMP

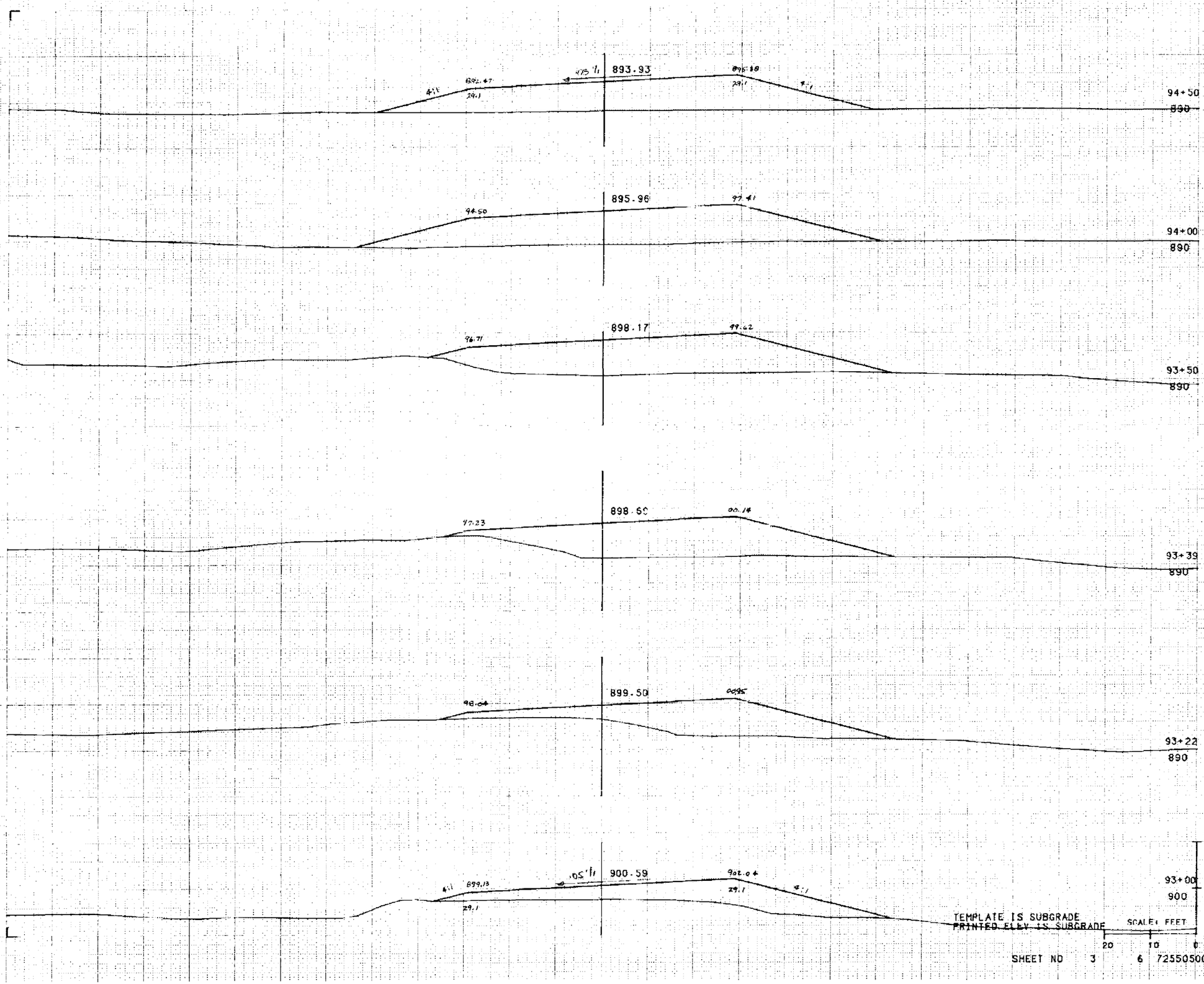
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.30

STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
90+72	13	0				423
90+86	15					451
91+00	50					1347
91+50	30					734
91+80	20					471
92+00	50	0				1108
92+50						
	TOTAL	0				4534



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.31

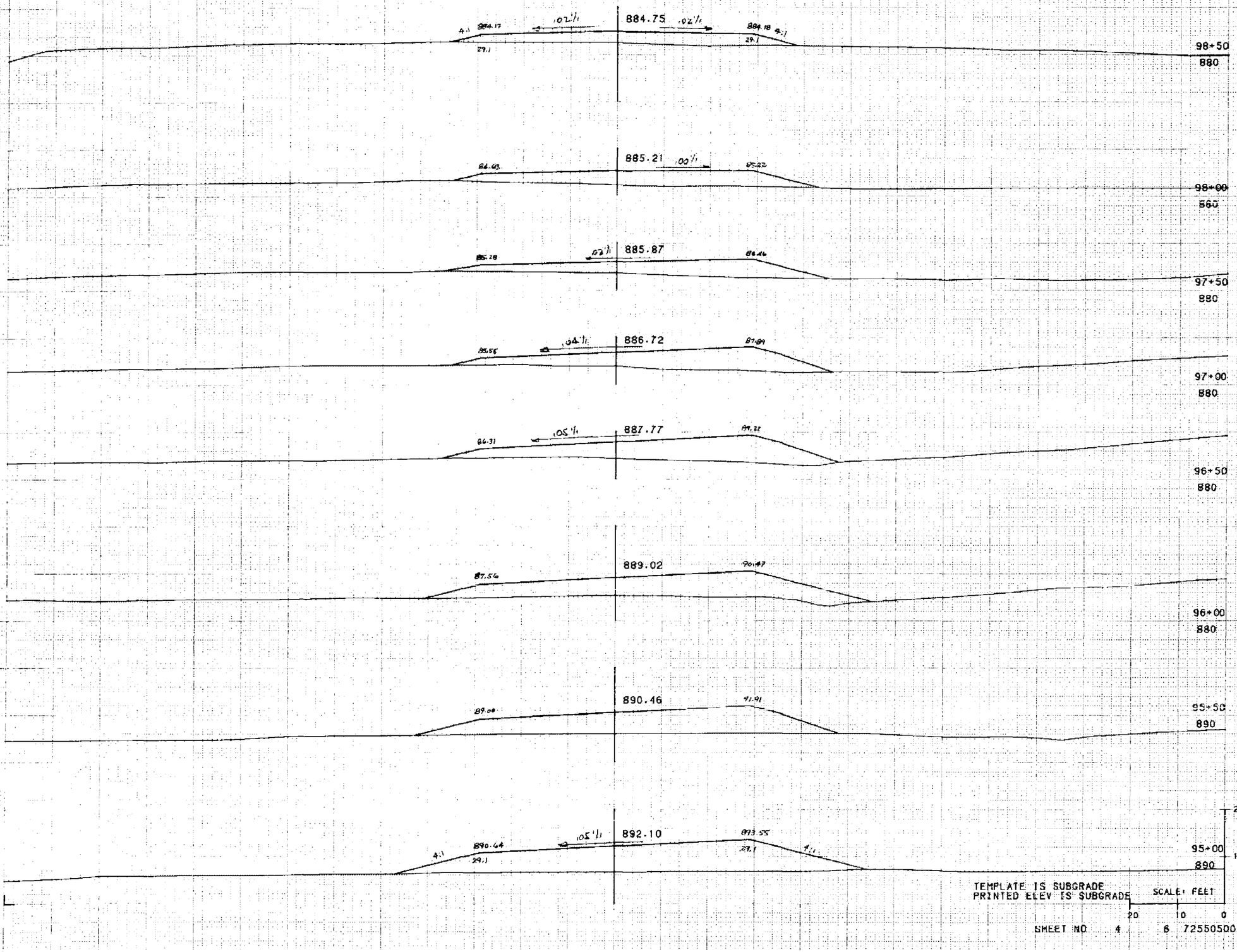
STATION	DISTANCE	YARDAGE EXCAVATION UNCL					FILL
92+50	50	0					810
93+00	22						282
93+22	17						278
93+39	11						219
93+50	50						1106
94+00	50	0					1070
94+50							
	TOTAL	0					3765



SHEET NO 3 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.32

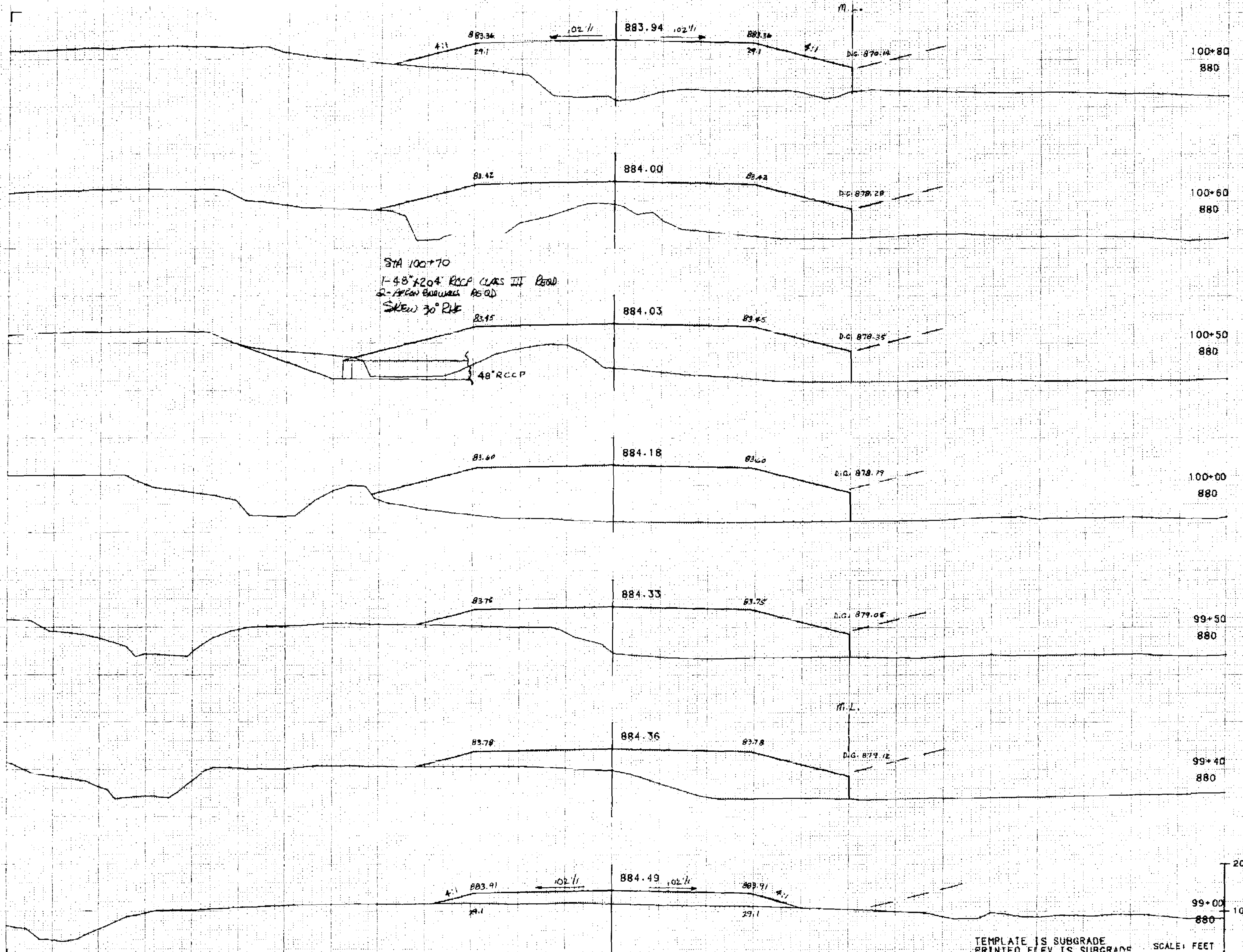
STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
94+50	50	0	980
95+00	50		719
95+50	50		618
96+00	50		563
96+50	50		474
97+00	50		384
97+50	50		343
98+00	50	0	312
98+50	TOTAL	0	4313



SHEET NO 4 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.33

STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
98+50						
	50	0				306
99+00						
	40					512
99+40						
	10					210
99+50						
	50					1481
100+00						
	50					1665
100+50						
	10					300
100+60						
	20	0				594
100+80						
	TOTAL	0				5068



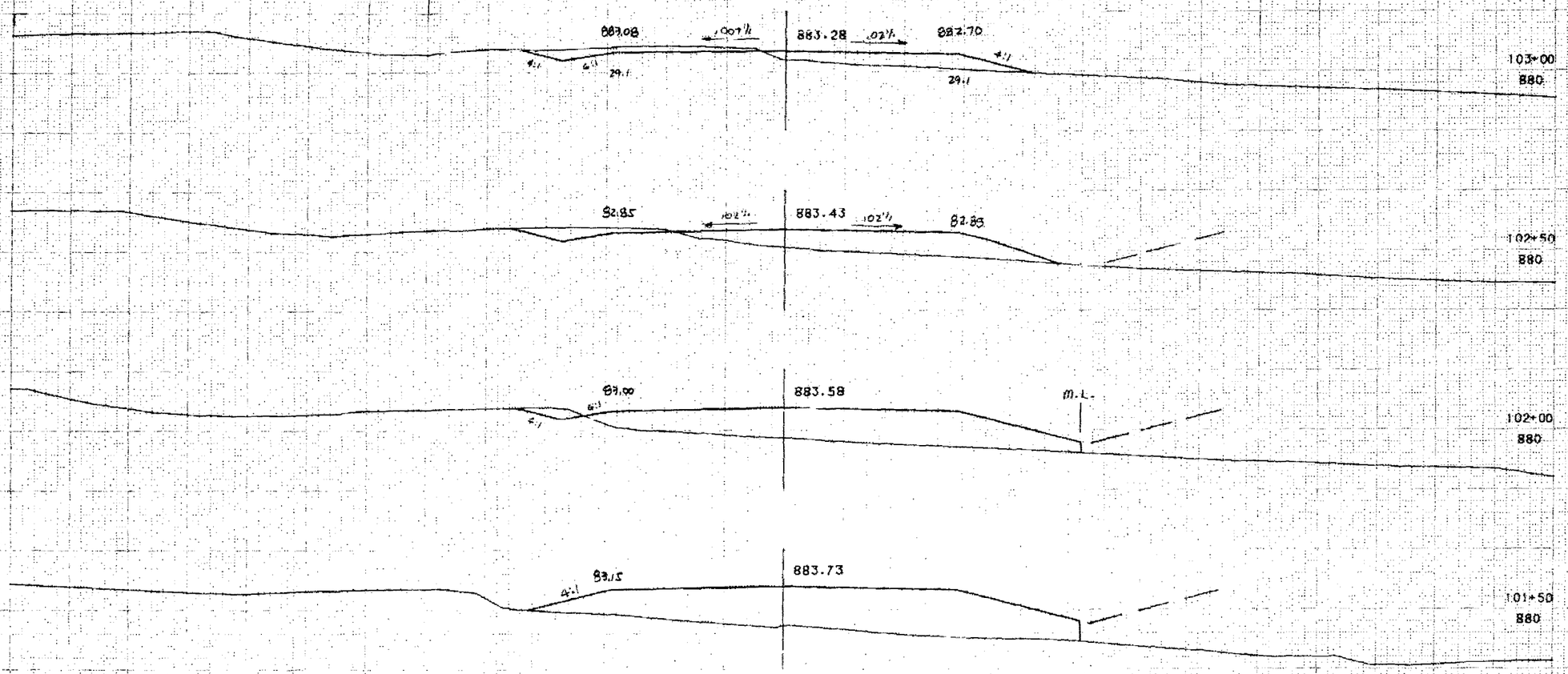
NE RAMP

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SHEET NO 5 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.34

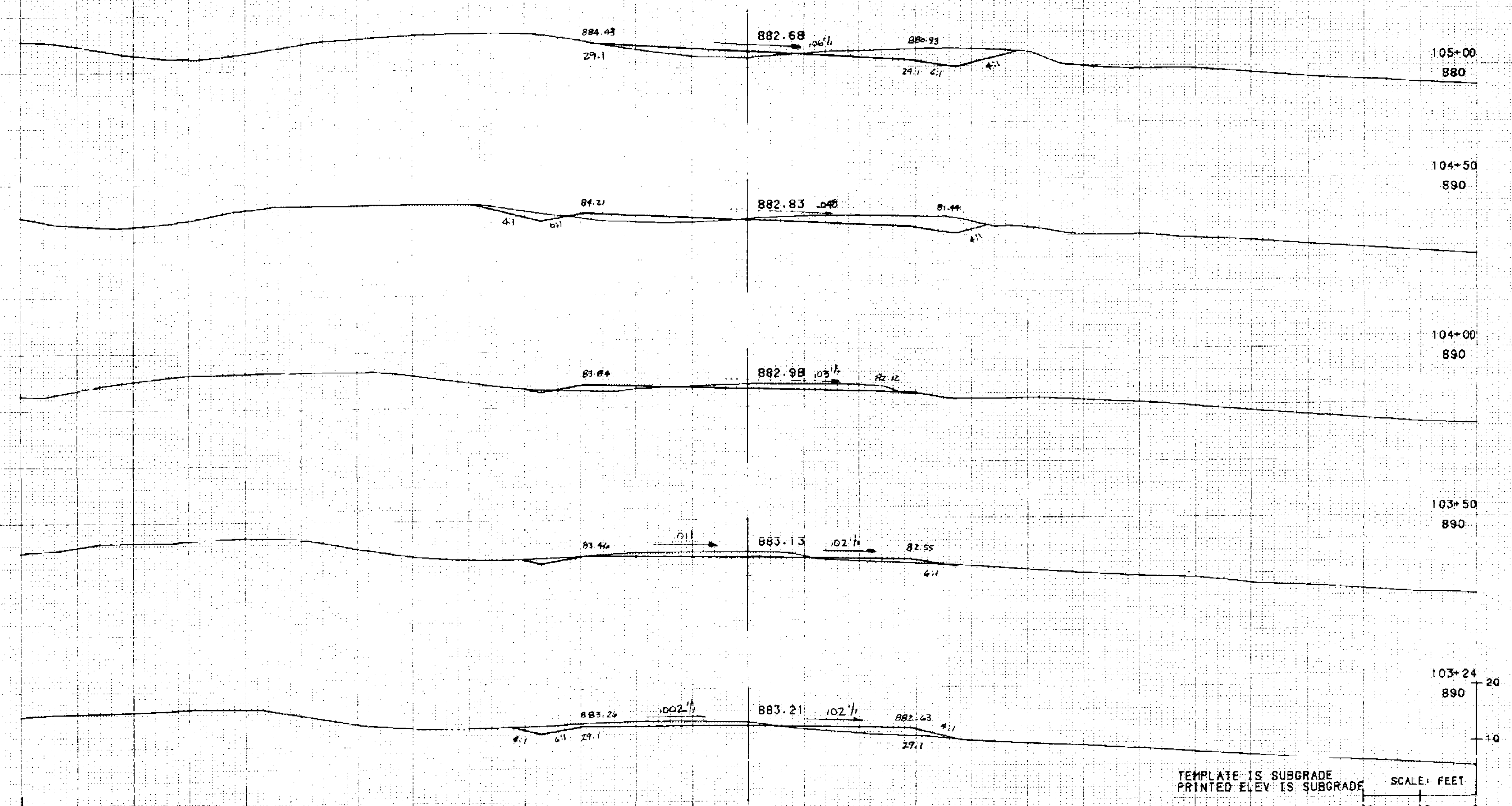
STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
100+90						
	15'	0				407
100+95	5'					114
101+00	9					192
101+09	41	8				825
101+50	50	11				808
102+00	50	40				493
102+50	50	66				231
103+00						
	TOTAL	117				3070



SHEET NO 6 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.35

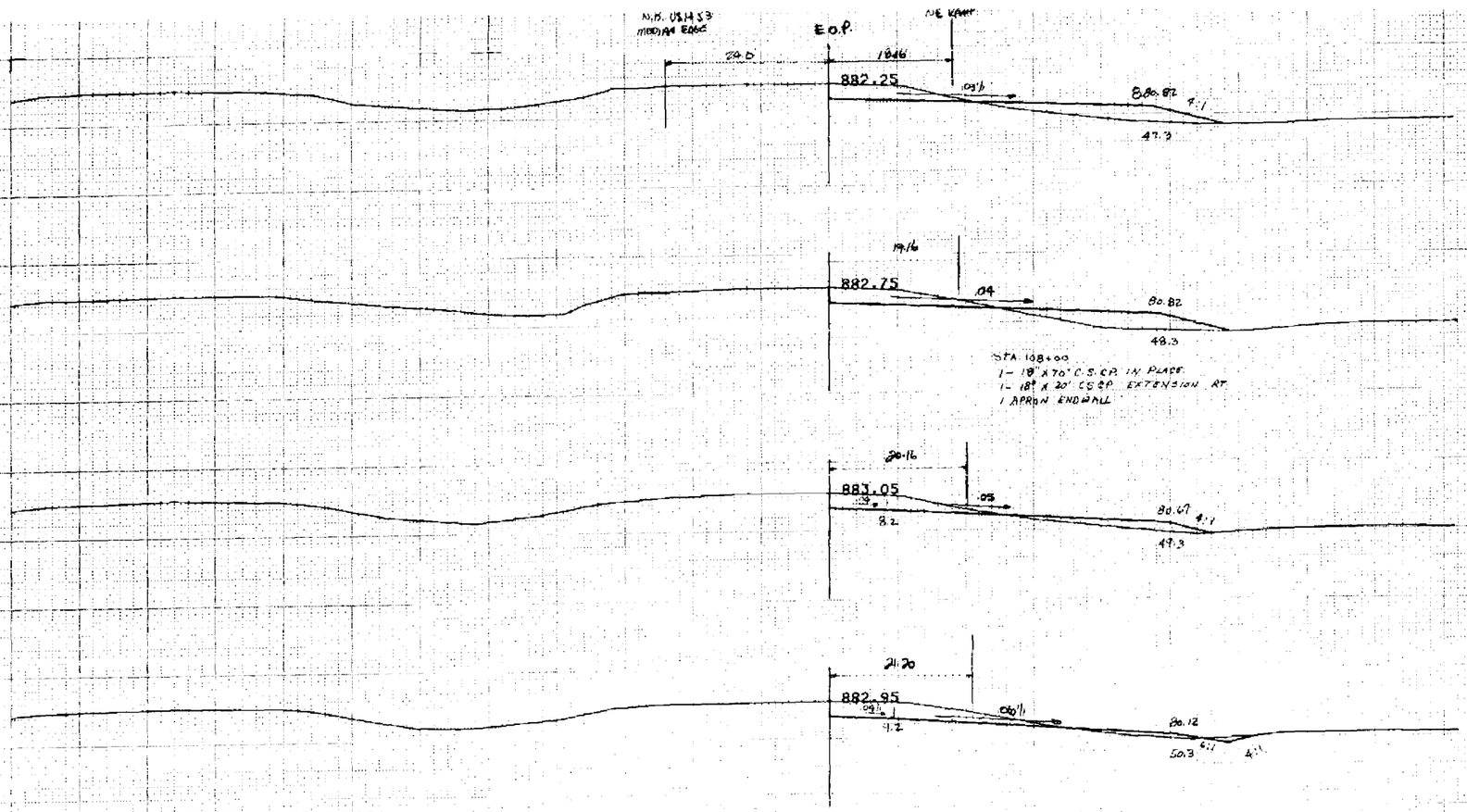
STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
103+00						
	24	35				46
103+24						
	26	35				17
103+50						
	50	61				22
104+00						
	50	101				37
104+50						
	50	158				53
105+00						
	TOTAL	390				175



NE RAMP

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SHEET NO 7 6 7255050013



STATION	DISTANCE	YARDAGE EXCAVATION CU/CY	FILL
105+00			
	50	160	56
105+50	50	125	40
106+00	50	102	28
106+50	50	105	22
107+00	50	90	28
107+50	50	72	67
108+00	50	69	91
108+50			
	TOTAL	723	332

108+50
890

108+00
890

107+50
890

107+00
890

106+50
890

106+00
890

105+50
890

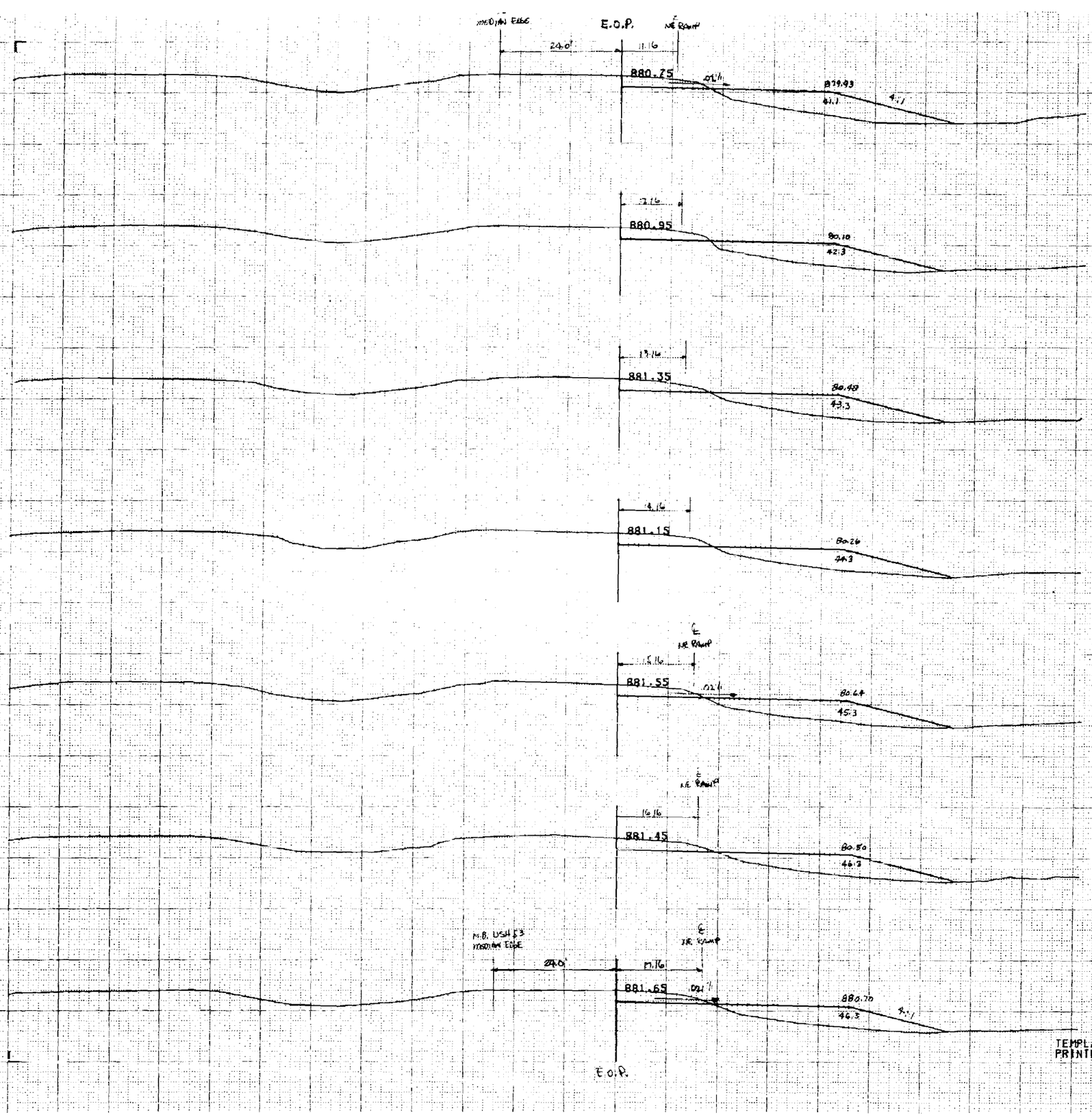
20
10
NE RAMP

STATE PROJECT NUMBER: 7256-05-71
SHEET NUMBER: 9 of 16

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SCALE: FEET
20 10 0

SHEET NO 1 6 7255050013

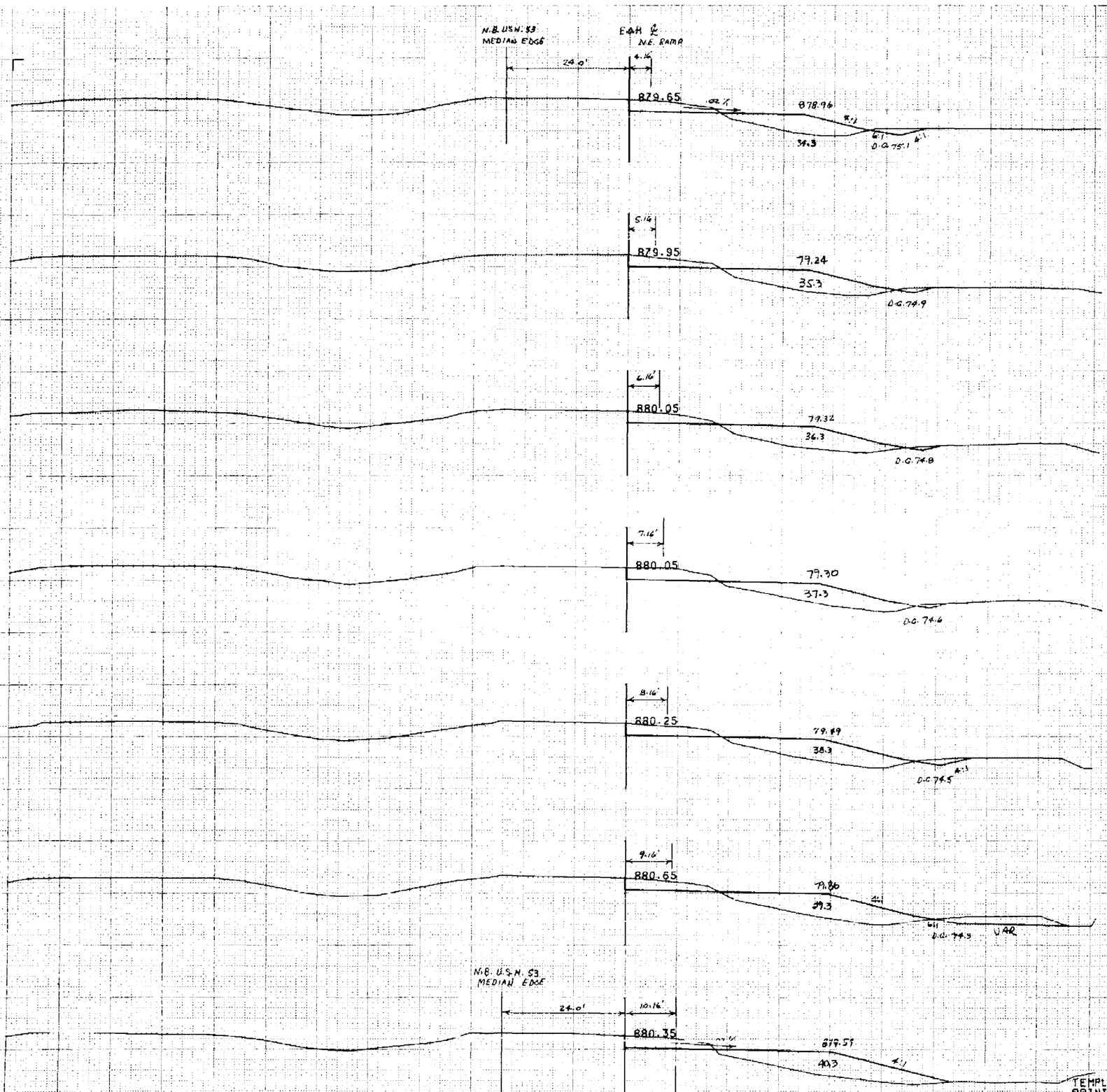


STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	931

STATION	DISTANCE	TARDAGE EXCAVATION UNCL				FILL
108+50						
	50	62				156
109+00						
	25	31				111
109+25						
	25	29				119
109+50						
	50	59				223
110+00						
	50	59				223
110+50						
	50	56				237
111+00						
	50	57				248
111+50						
	TOTAL	353				1317

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SHEET NO 2 6 7255050013



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9,10

STATION	DISTANCE	YARDAGE EXCAVATION	FILL
		UNCL	
111+50			
	50	56	246
112+00			
	50	84	227
112+50			
	50	91	241
113+00			
	50	69	175
113+50			
	50	63	172
114+00			
	50	56	169
114+50			
	50	63	141
115+00			
	TOTAL	482	1331

115+00
880

114+50
880

114+00
890

113+50
890

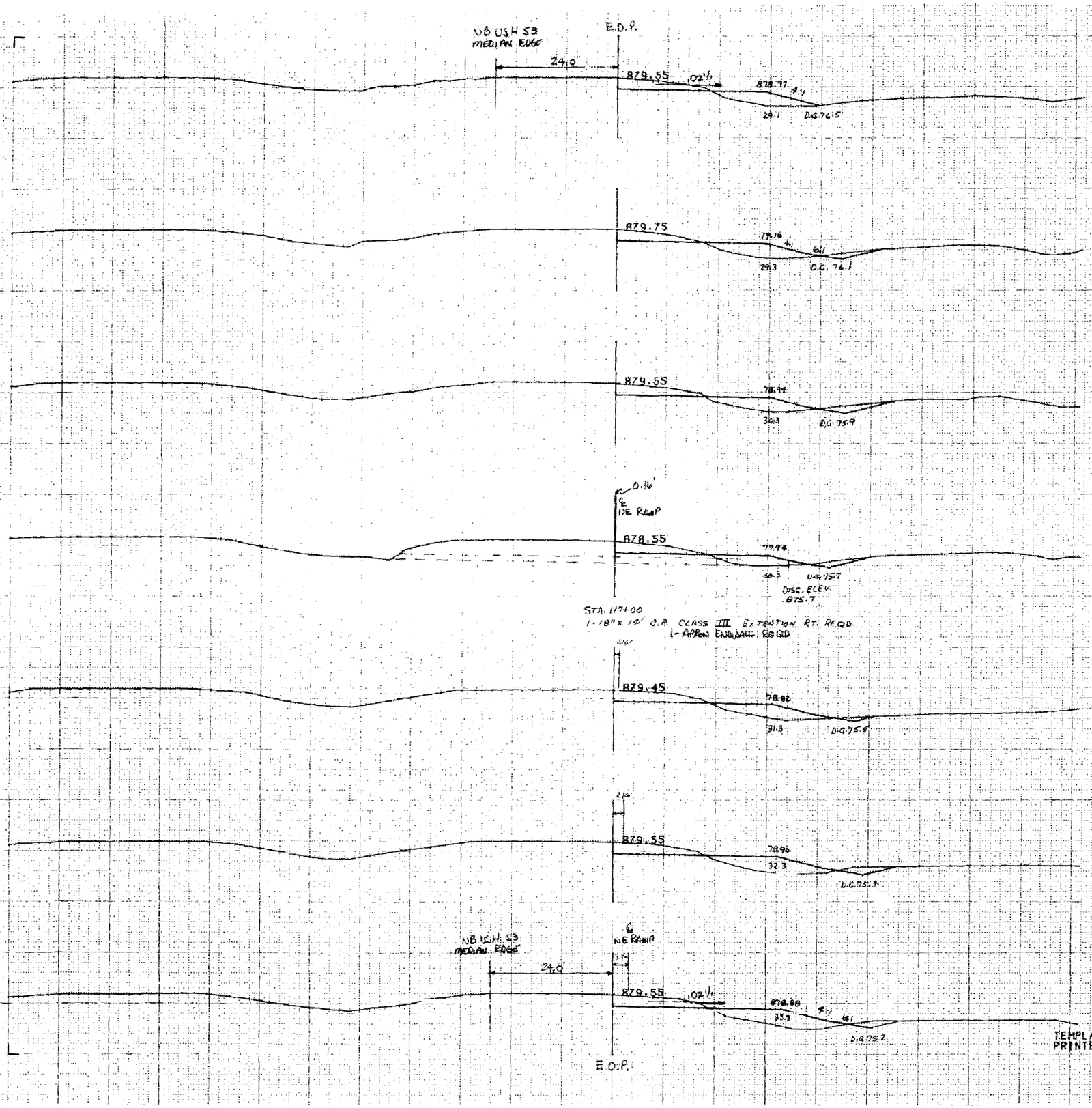
113+00
890

112+50
890

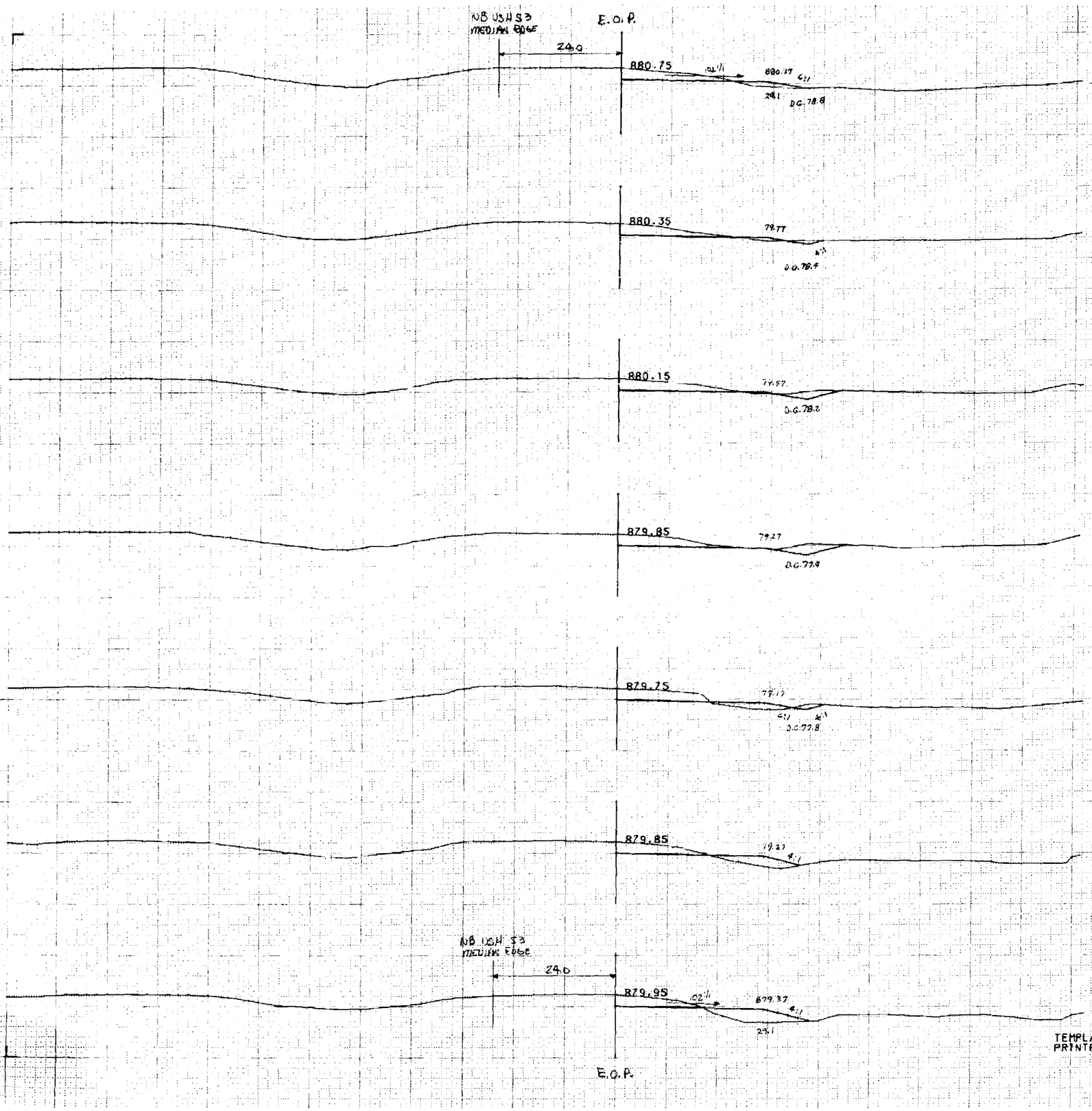
112+00
890

STATE PROJECT NUMBER	SHEET NUMBER
7455-05-71	439

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
115+00	50	71	112
115+50		72	98
116+00		68	81
116+50		62	58
117+00		33	28
117+25		32	34
117+50	50	56	66
118+00			
	TOTAL	394	477



SHEET NO 4 6 7255050013



121+50
890

121+00
890

120+50
890

120+00
880

119+50
880

119+00
880

118+50
880

NE RAMP

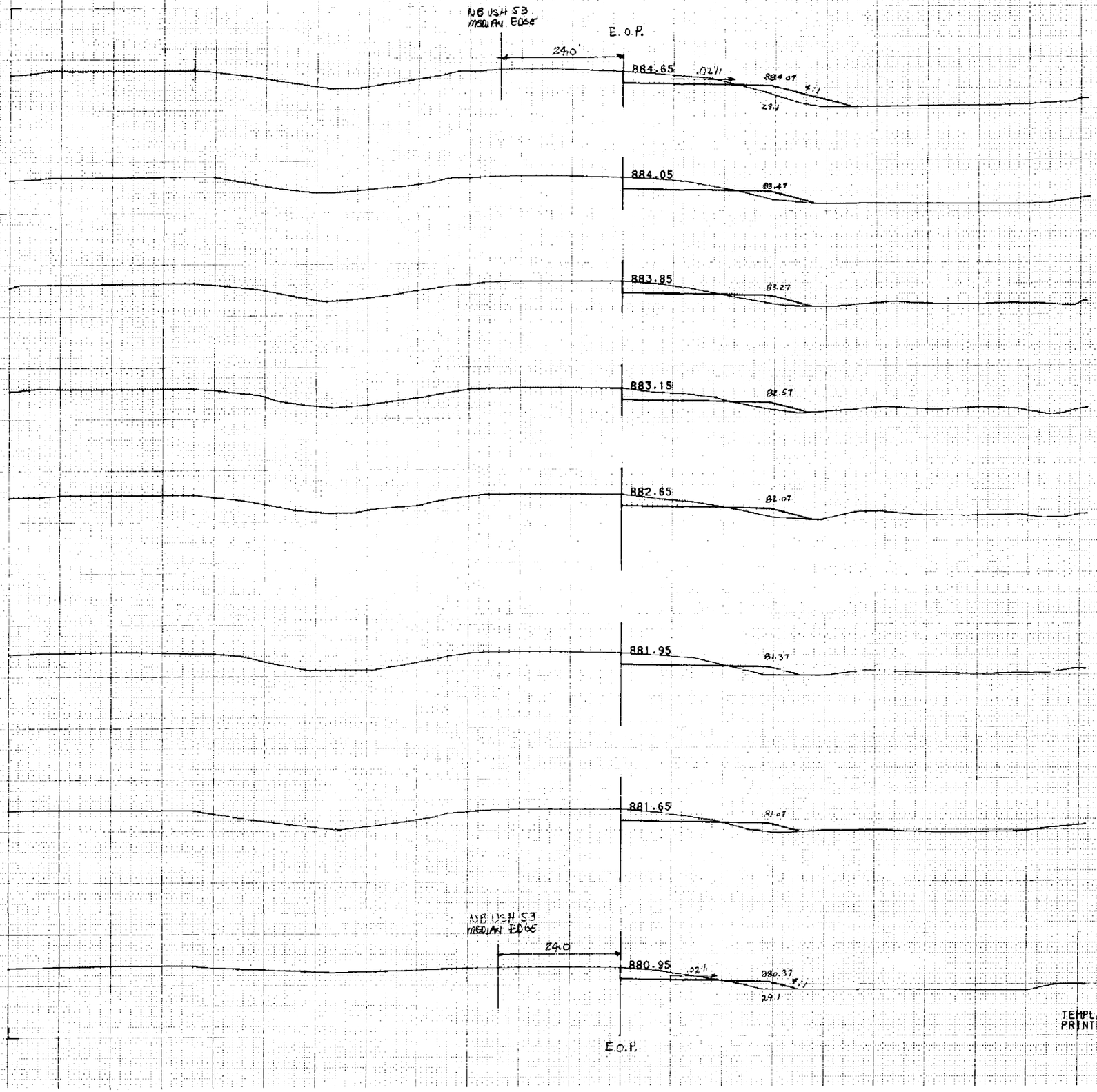
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.40

STATION	DISTANCE	TARDAGE EXCAVATION UNCL.	FILL
118+00	50	51	63
118+50	50	50	52
119+00	50	61	31
119+50	50	80	12
120+00	50	85	1
120+50	50	69	4
121+00	50	57	10
121+50			
	TOTAL	453	173

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SCALE: FEET
20 10 0 20 10

SHEET NO 5 6 7255050013



125+50
890

125+00
890

124+50
890

124+00
890

123+50
890

123+00
890

122+50
890

122+00
890

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.41

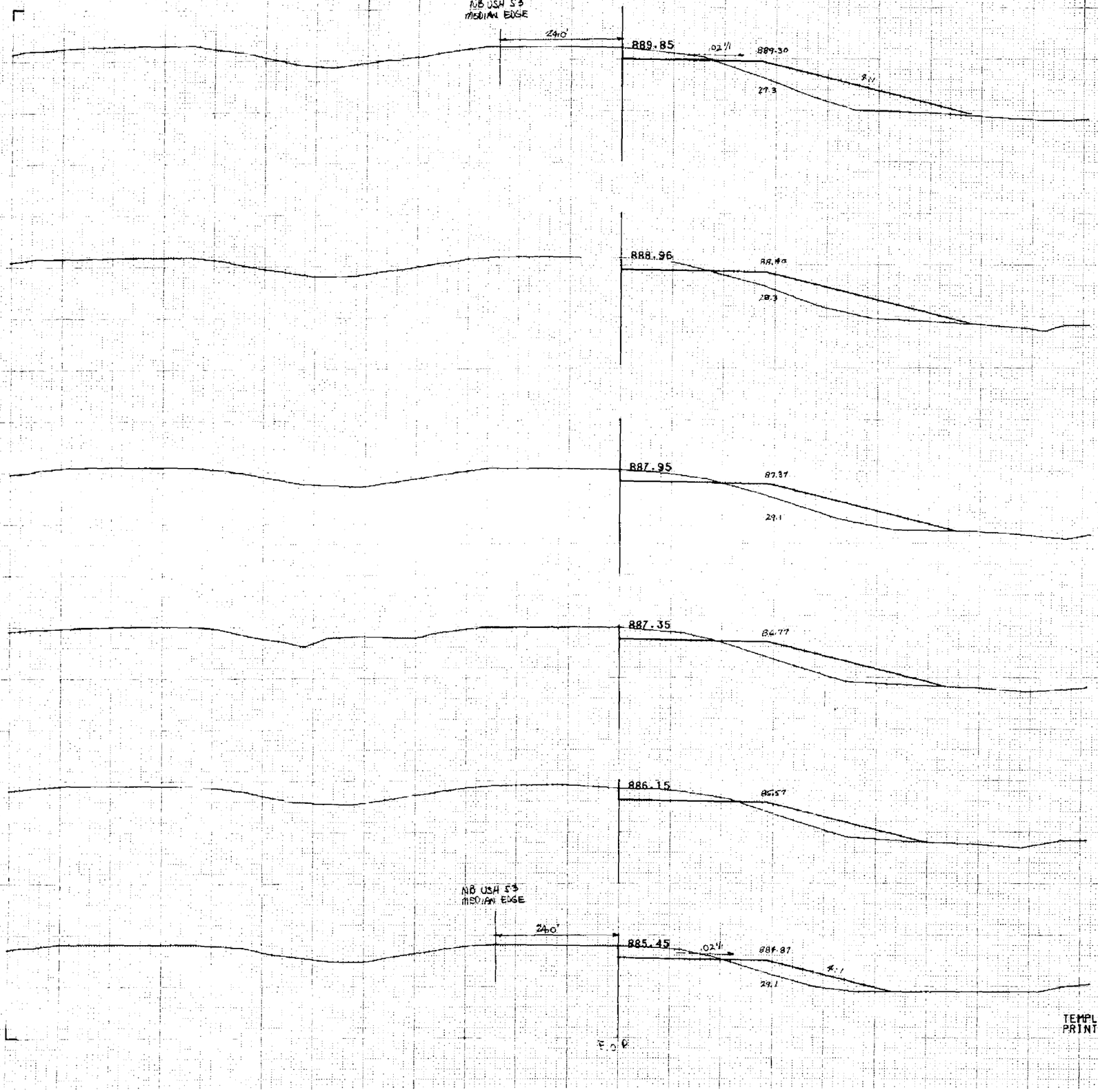
STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
121+50			
	50	54	19
122+00			
	50	50	25
122+50			
	50	55	24
123+00			
	50	54	22
123+50			
	50	50	22
124+00			
	50	52	24
124+50			
	50	57	25
125+00			
	50	63	37
125+50	TOTAL	435	198

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SCALE: FEET
20 10 0

SHEET NO 6 6 7255050013

NE RAMP



128+50
890

128+00
890

127+50
890

127+00
890

126+50
890

126+00
890

STATION	DISTANCE	TARDAGE EXCAVATION UNCL.	FILL
125+50	50	62	81
125+00	50	66	115
126+50	50	61	158
127+00	50	53	172
127+50	50	52	211
128+00	50	48	256
128+50			
	TOTAL	342	1013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.12

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

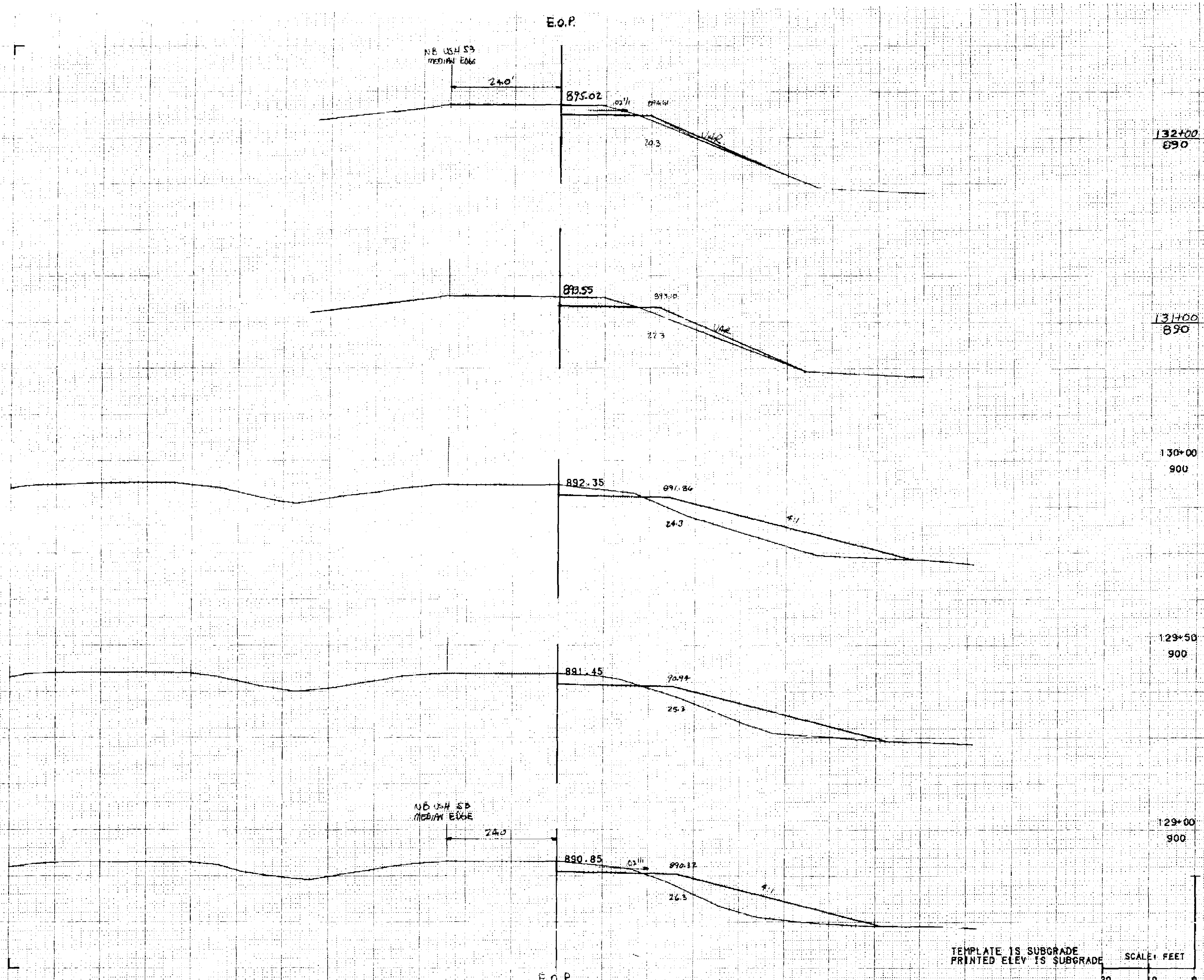
SCALE: FEET
20 10 0

NE RAMP

SHEET NO 7 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9,43

STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
128+50						
	50	49				282
129+00		54				275
129+50	50	52				288
130+00	100	93				372
131+00	100	93				81
132+00						
	TOTAL	341				1298



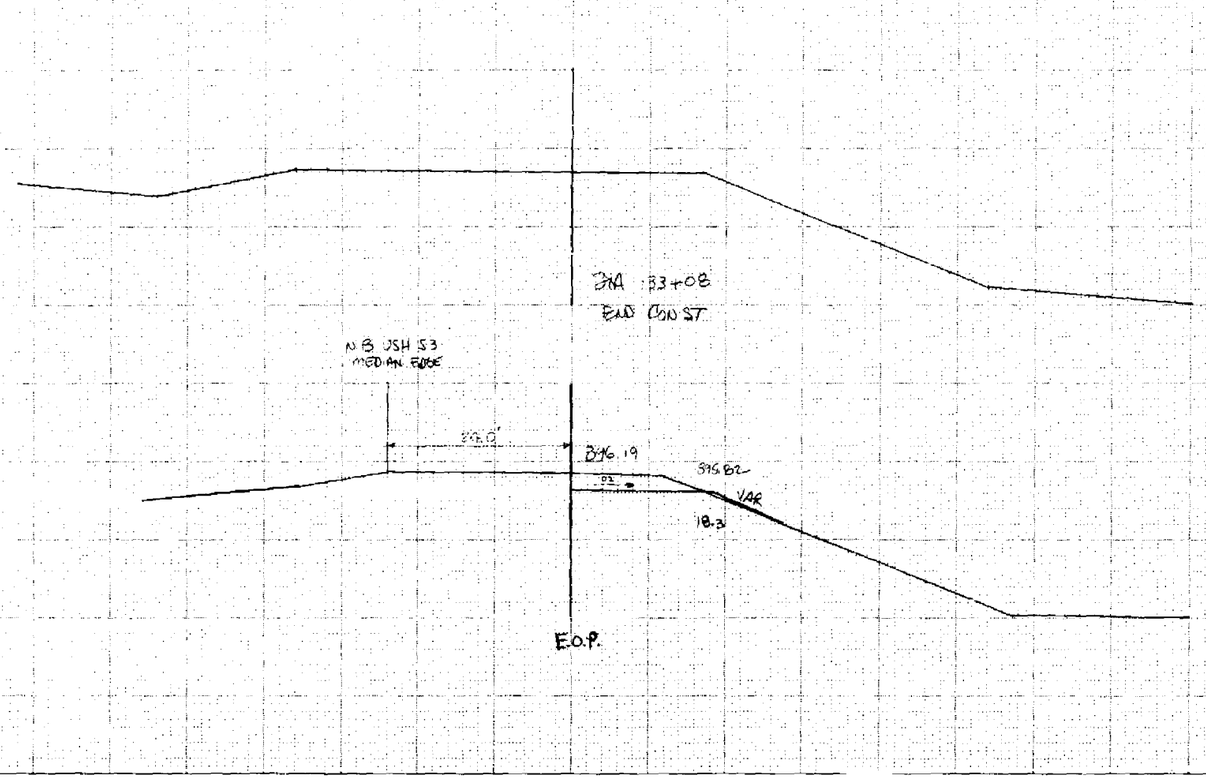
N.F. RAMP

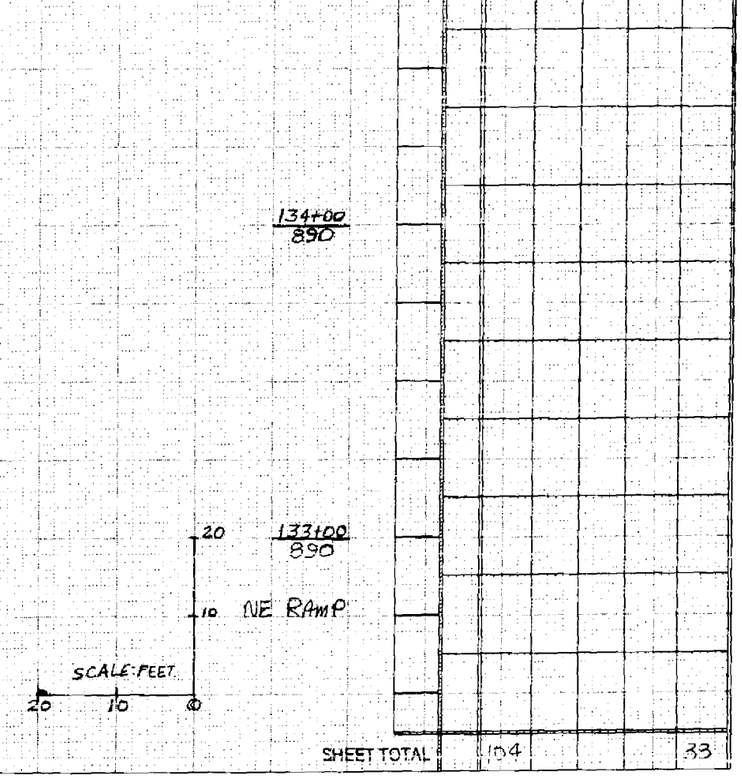
TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SHEET NO 8 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.44

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	YARDAGE FILL
132+00			
	100	104	33
133+00			

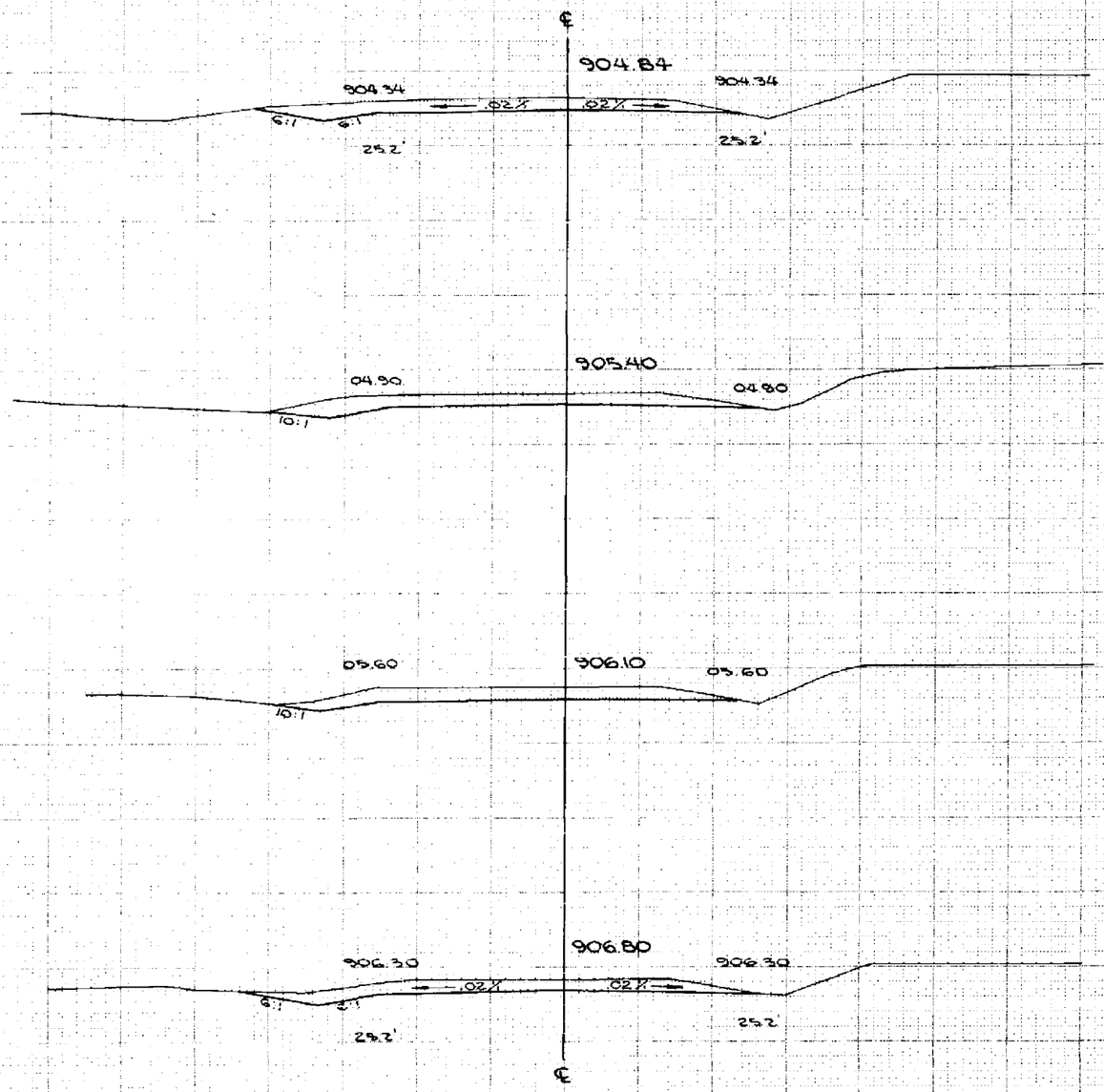




SHEET TOTAL	104	33

STATE PROJECT NUMBER: 7235-05-71

SHEET NUMBER: 9.15



STA. 78+10
BEGIN CONSTRUCTION

80+40 BK
910

80+00
910

79+50
910

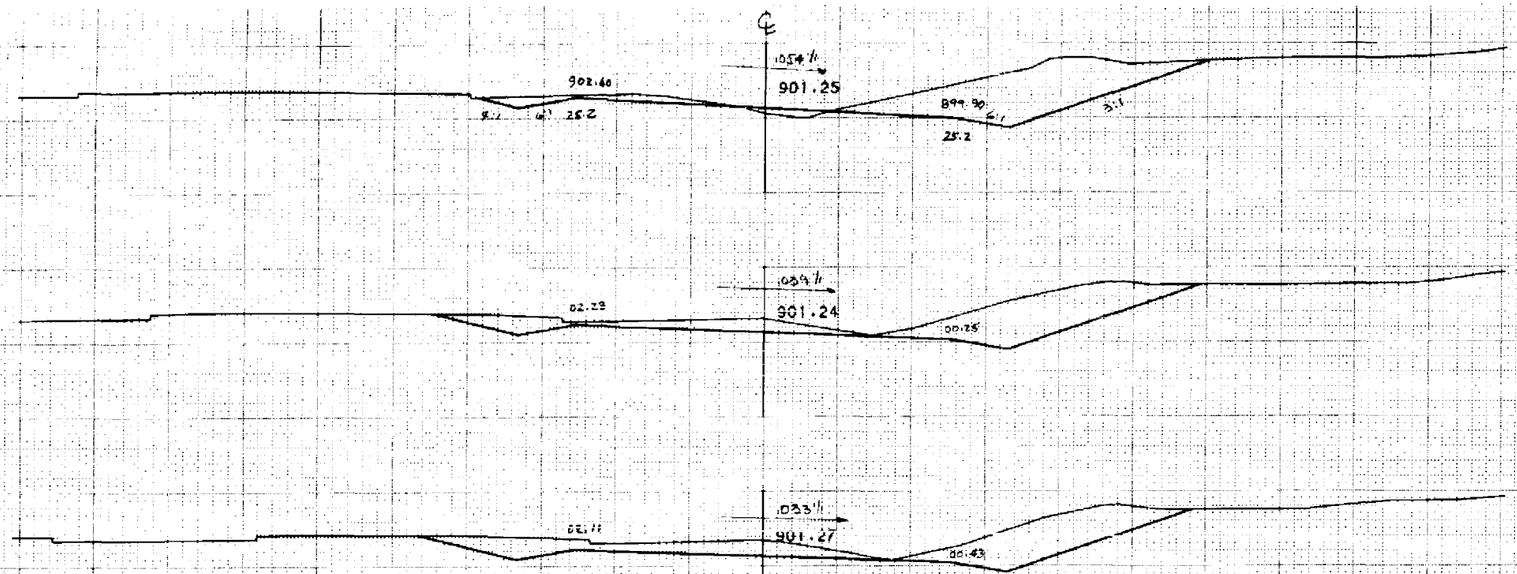
79+00
910

10' 0 10'
SCALE FT.

E. FRONTAGE ROAD

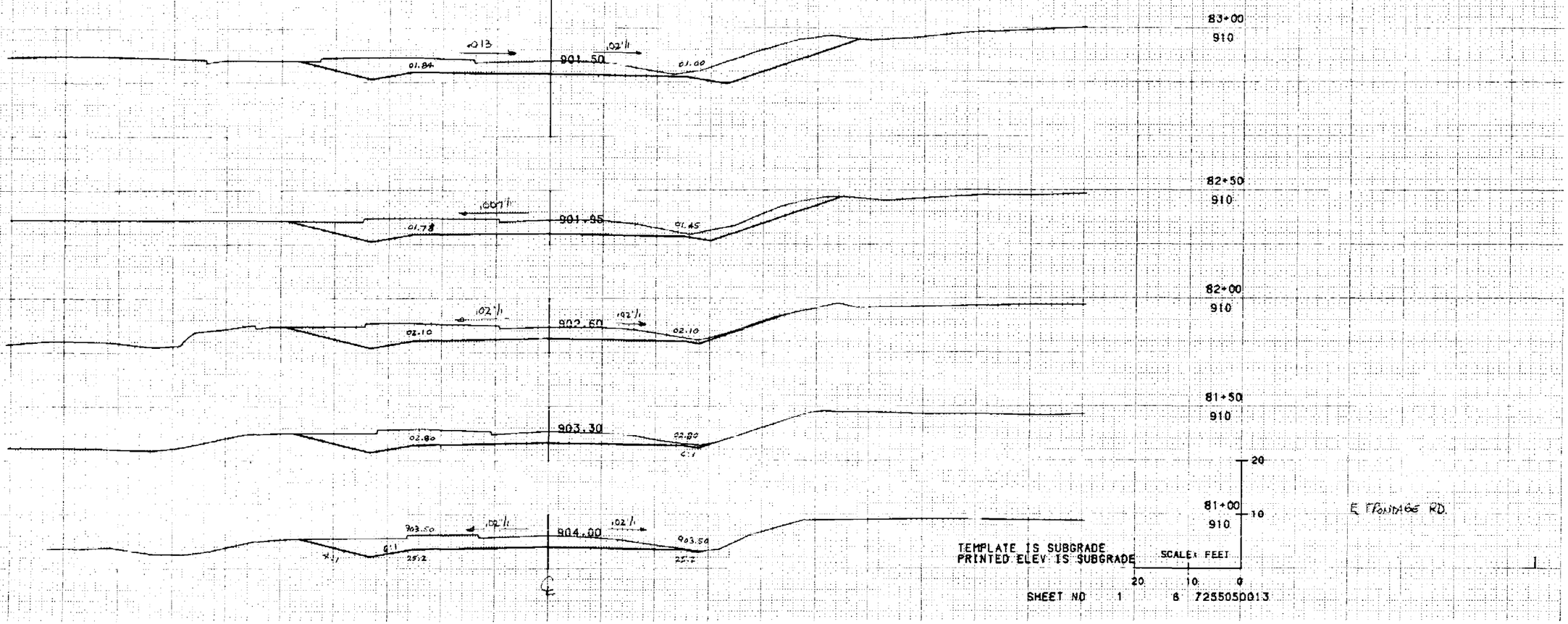
STATION	DISTANCE	YARDAGE EXCAVATION UNCL	YARDAGE FILL
78+10			
	90	200	
78+00			
	50	213	
77+50			
	50	208	
80+00			
	40	174	
80+40			

SHEET TOTAL: 795



STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
80+40	60	289	0
81+00	50	273	0
81+50	50	311	0
82+00	50	374	0
82+50	50	444	0
83+00	50	450	0
83+50	16	126	0
83+65	35	290	5
84+00	TOTAL	2557	5

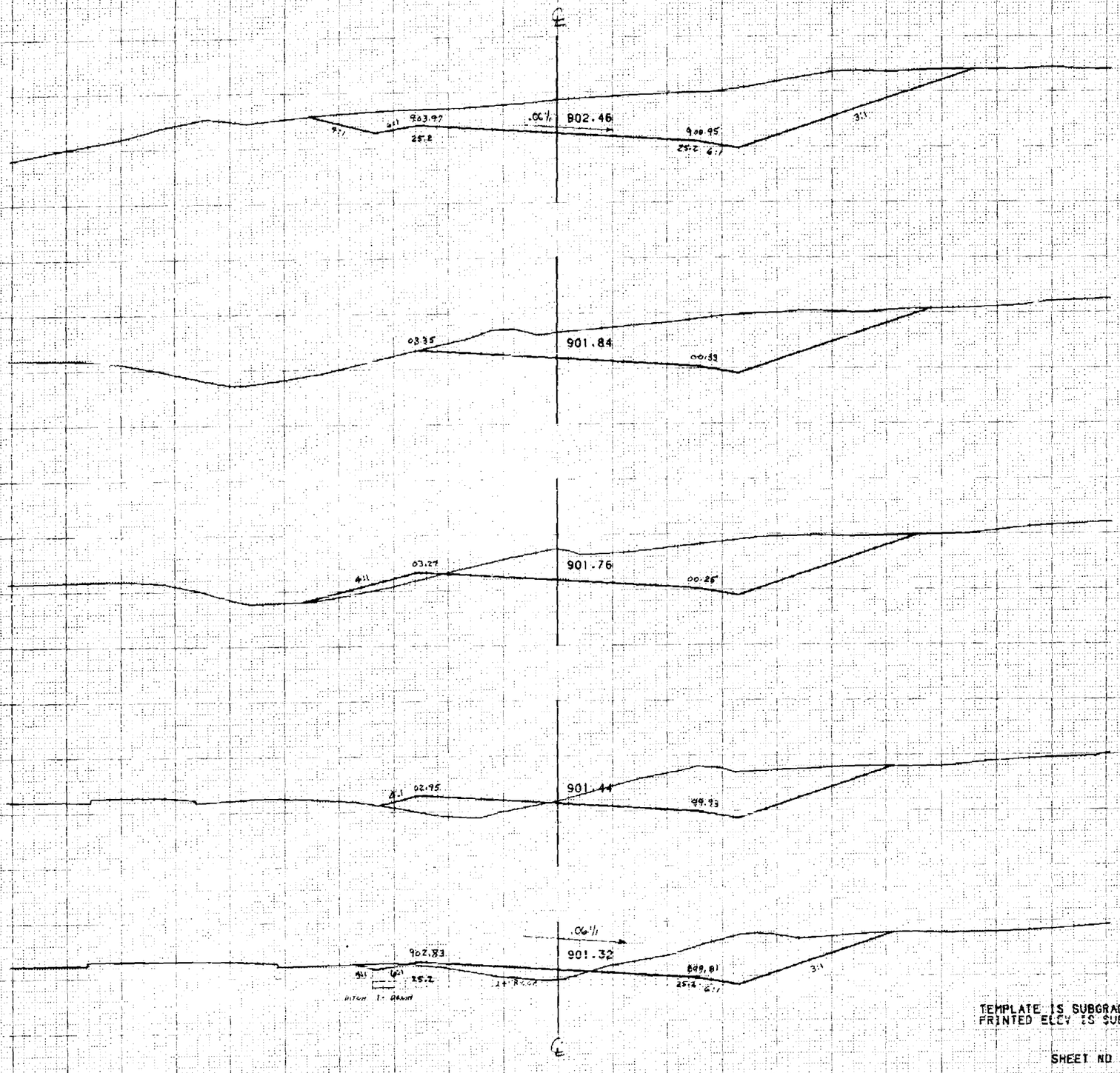
STATE PROJECT NUMBER 72 551-05-71 — SHEET NUMBER 9.46



SHEET NO 1 8 725505013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.47

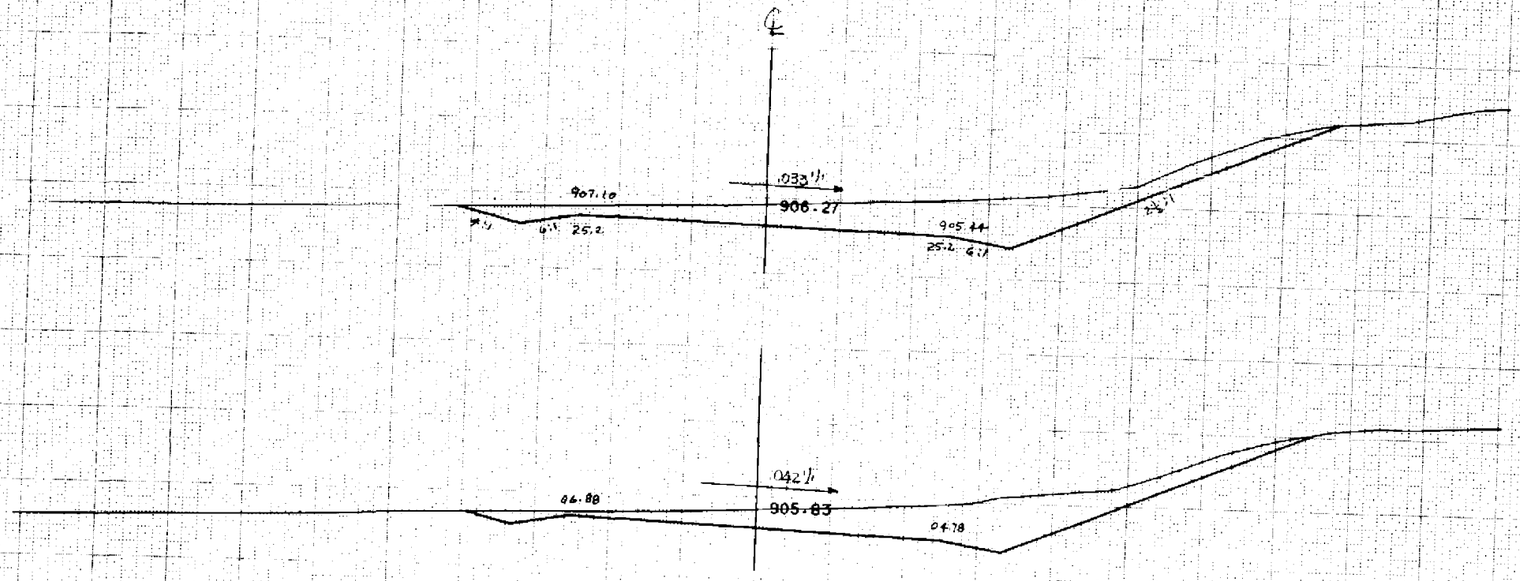
STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
84+00			
	25	214	24
84+25			
	25	248	82
84+50			
	42	583	72
84+92			
	8	142	*
85+00			
	50	1105	0
85+50			
	TOTAL	2292	152



SHEET NO 2 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-11	9

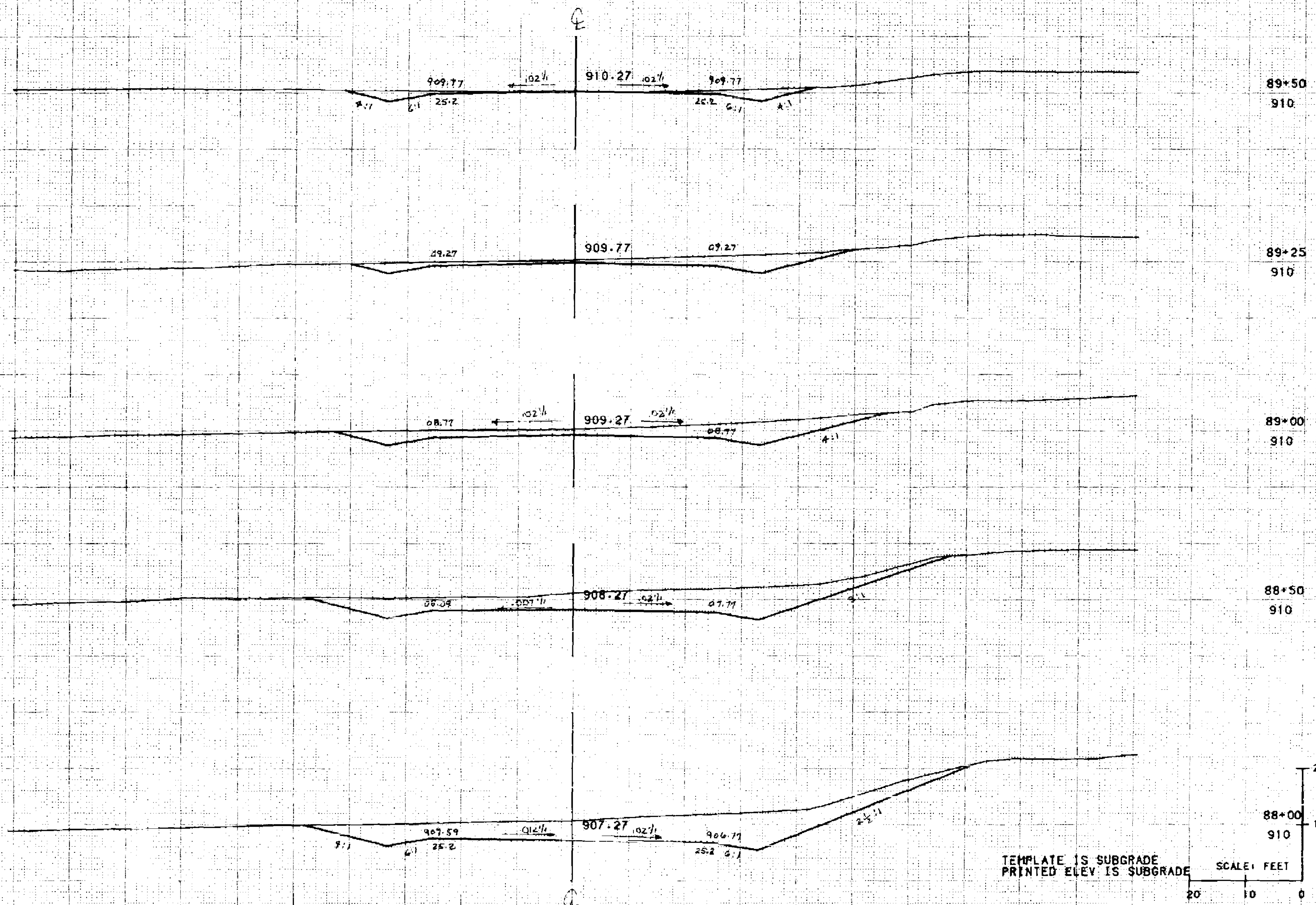
STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
85+50			
	50	1234	0
86+00			
	50	1120	0
86+50			
	50	894	0
87+00			
	28	368	0
87+28			
	22	243	0
87+50			
	TOTAL	3879	0



SHEET NO 3 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	949

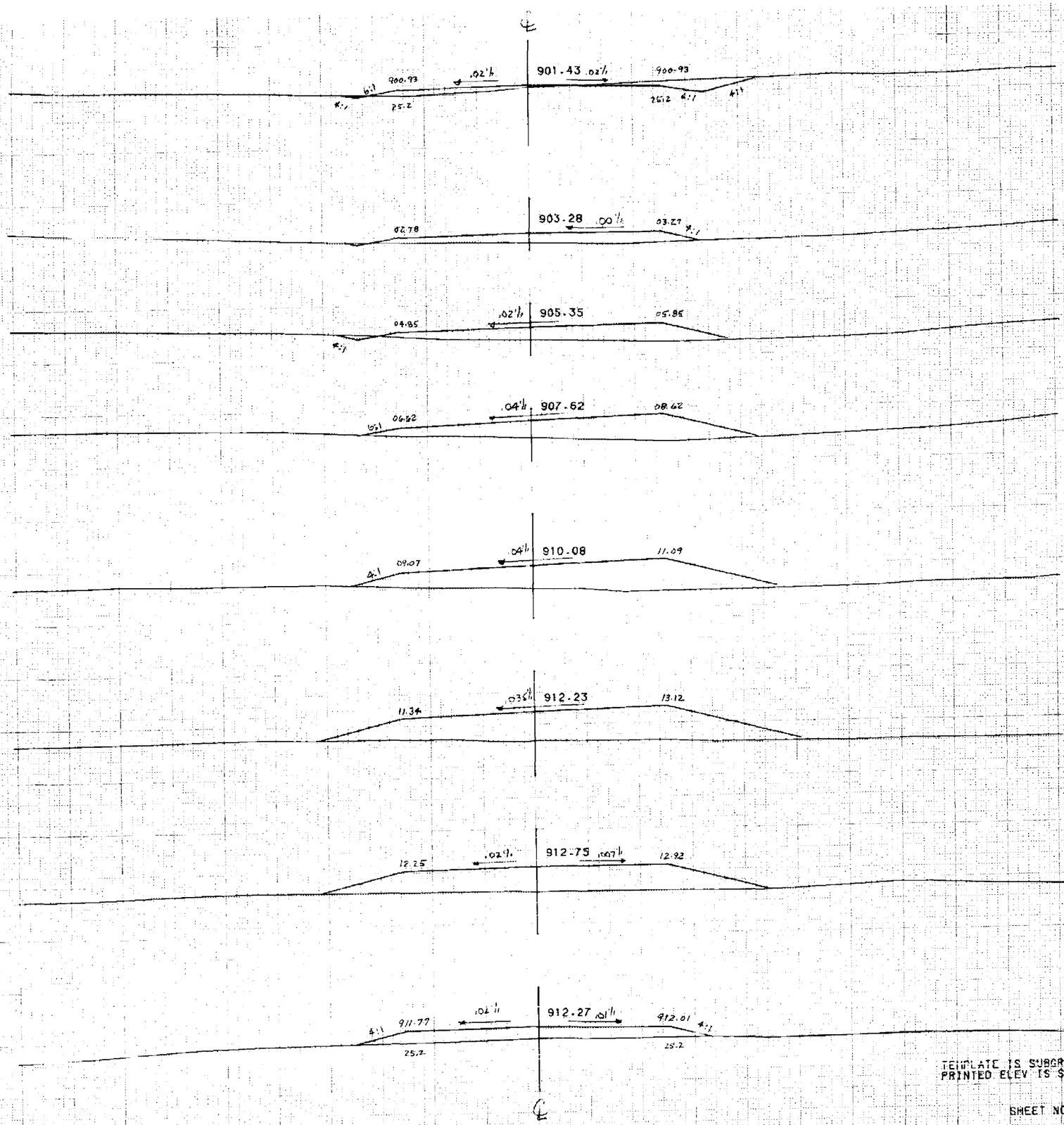
STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
87+50						
	50	682				0
88+00						
	50	669				
88+50						
	50	457				
89+00						
	25	129				
89+25						
	25	72				0
89+50						
	TOTAL	2009				0



E. FRONTAGE RD

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SHEET NO 4 6 7255050013



STATE PROJECT NUMBER	SHEET NUMBER
72 55-05-71	9,50

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
90+70	30	0	244
91+00	50		656
91+50	50		653
92+00	50	0	496
92+50	50	4	334
93+00	50	5	221
93+50	50	33	115
94+00			
	TOTAL	42	2709

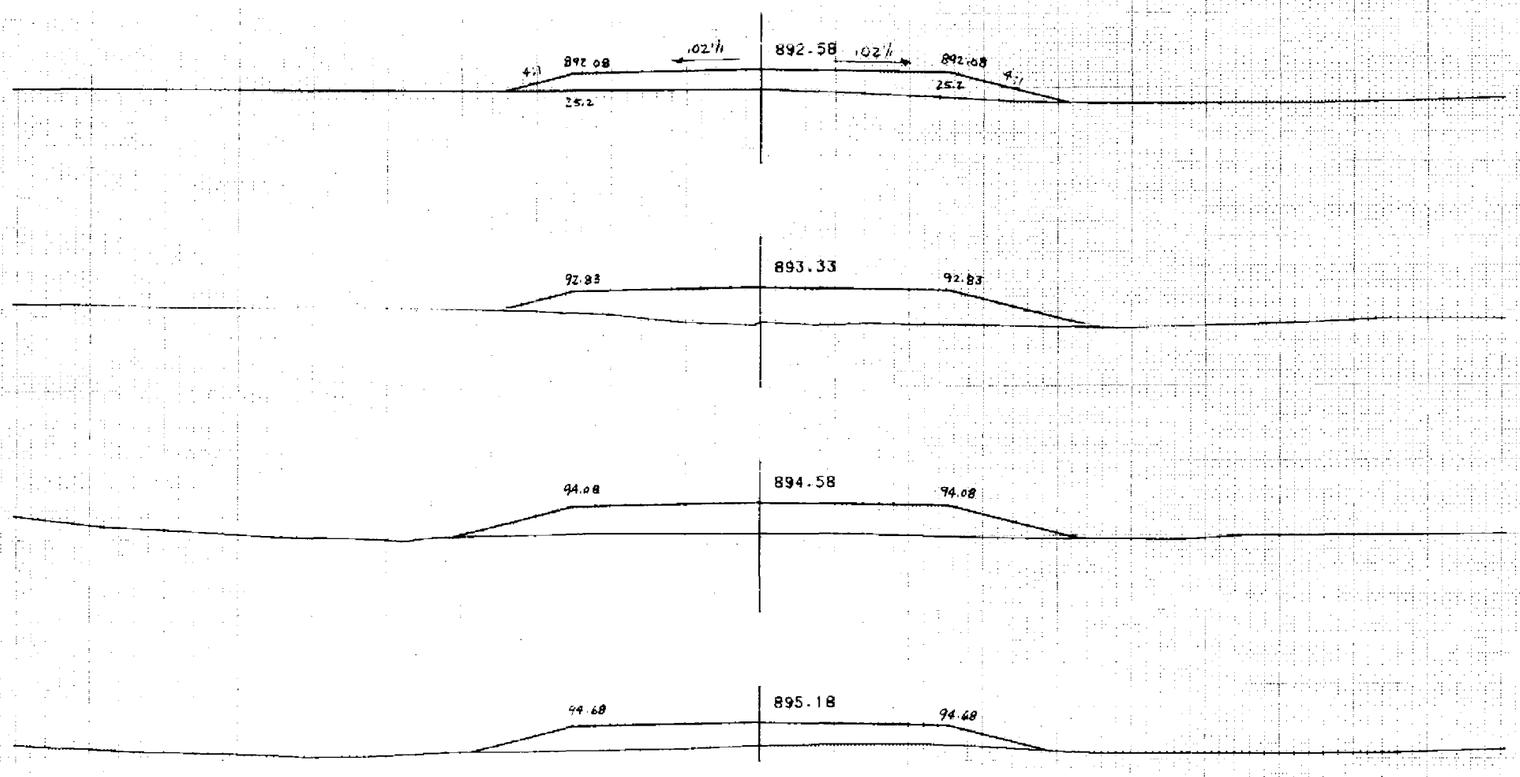
94+00
900
93+50
900
93+00
900
92+50
900
92+00
910
91+50
910
91+00
910
90+70
910

E. FRONTAGE RD

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SCALE: FEET
20 10 0 20 10

SHEET NO 1 6 7255050013



97+30
890

97+00
890

96+50
890

96+26
890

96+00
890

95+50
890

95+00
890

94+50
900

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9,51

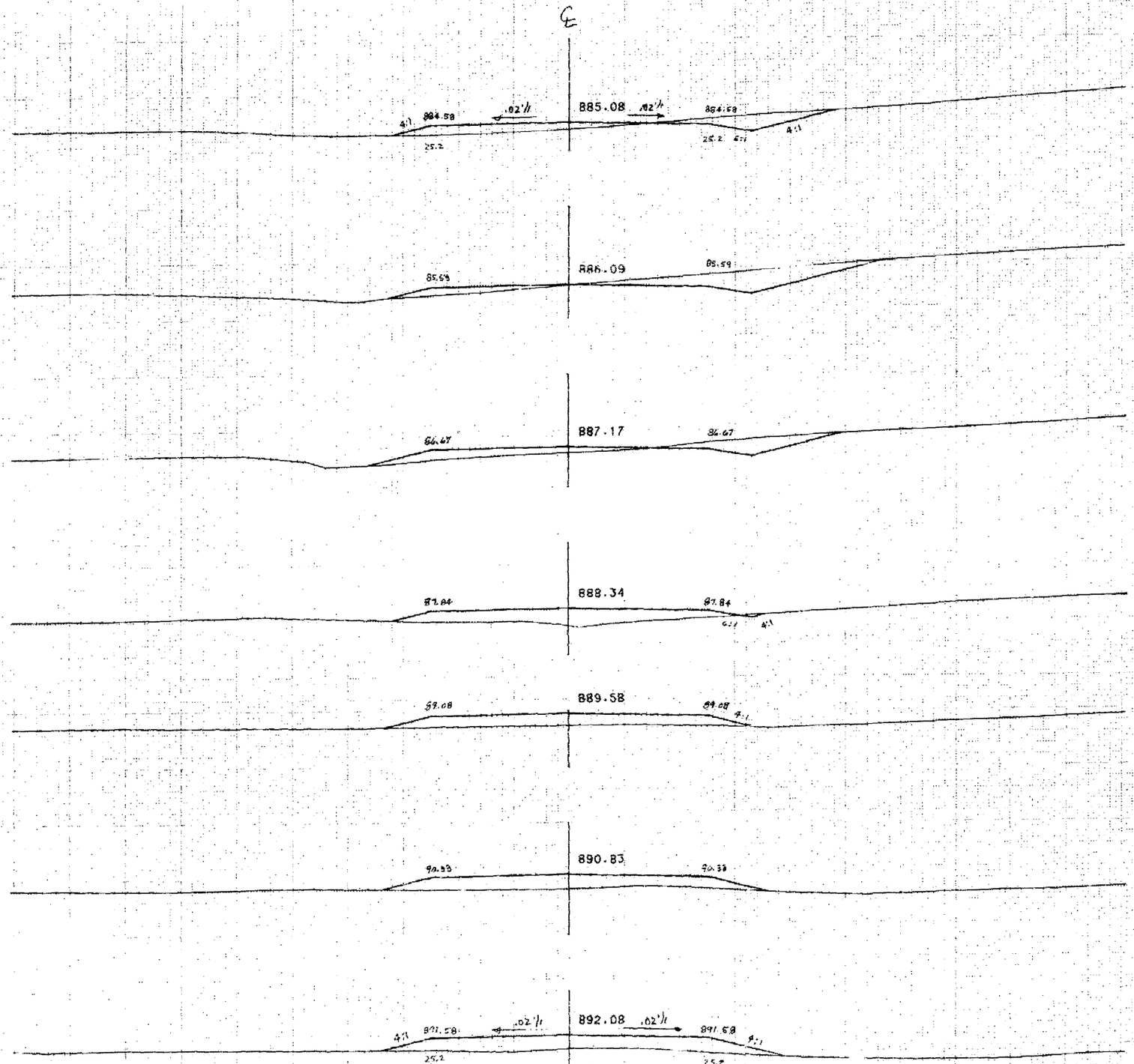
STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
94+00	50	99	31
94+50	50	104	19
95+00	50	42	92
95+50	50	5	207
96+00	50	0	159
96+26	50		203
96+50	50		506
97+00	50	0	254
97+30	TOTAL	250	1471

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SCALE: FEET
20 10 0

E. FRONTAGE RD

SHEET NO 2 6 7255050013



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.51

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	YARDAGE FILL
97+50			
	50	0	122
97+50			
	50	0	265
98+00			
	50	0	231
98+50			
	50	1	221
99+00			
	50	45	166
99+50			
	50	138	75
100+00			
	50	133	74
100+50			
	TOTAL	317	1154

100+50
880

99+50
880

99+00
880

98+50
880

98+00
890

97+50
890

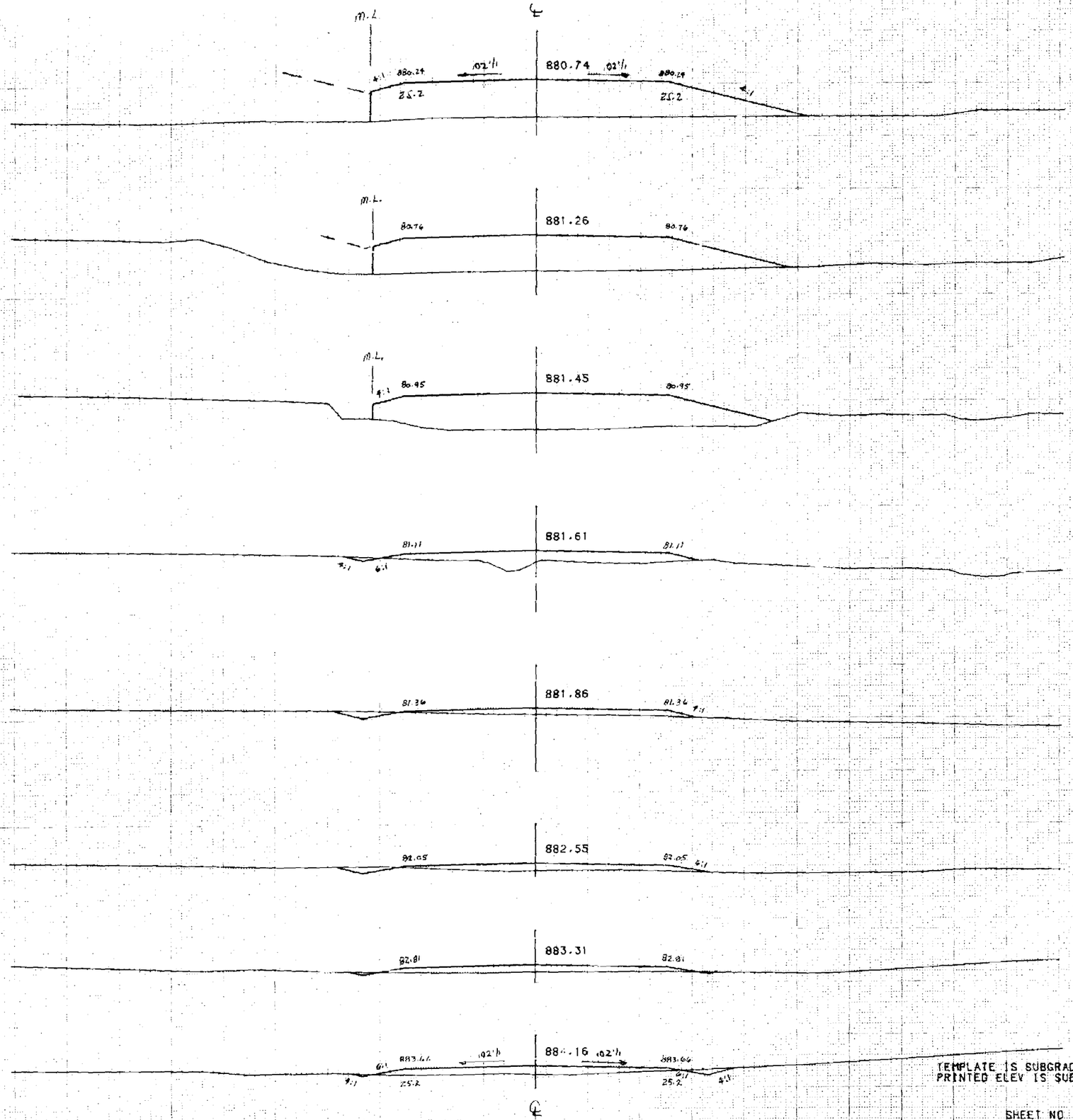
20
10

E. FRONTAGE RD

TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SCALE: FEET
20 10 0

SHEET NO 3 6 7255050013



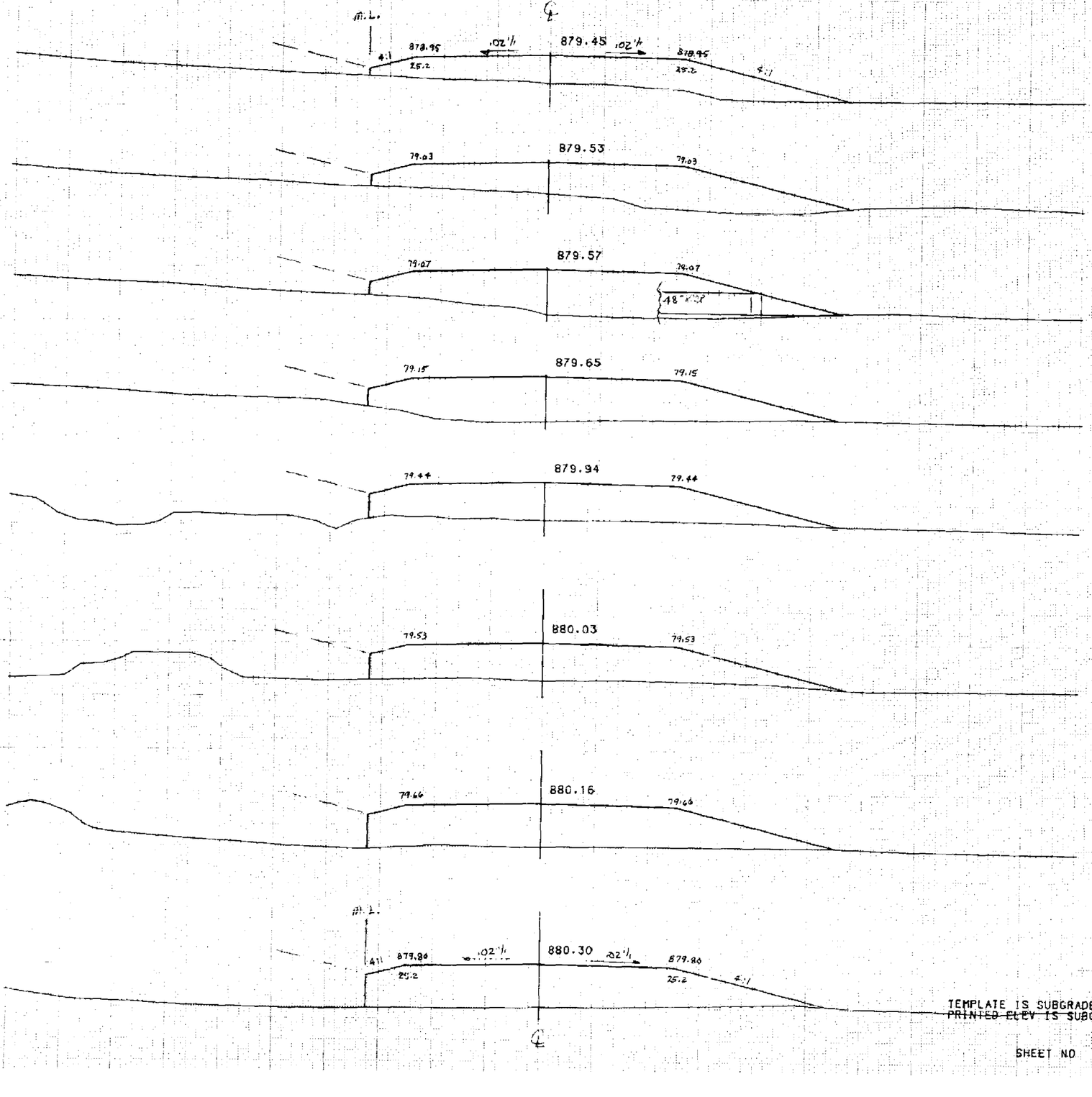
STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	953

STATION	DISTANCE	YARDAGE EXCAVATION UNCL				FILL
100+50	50	47				108
101+00	SD	10				114
101+50	SD	10				107
102+00	50	16				96
102+50	20	4				58
102+70	13	1				126
102+83	17	0				272
103+00	50	0				856
103+50	TOTAL	88				1739

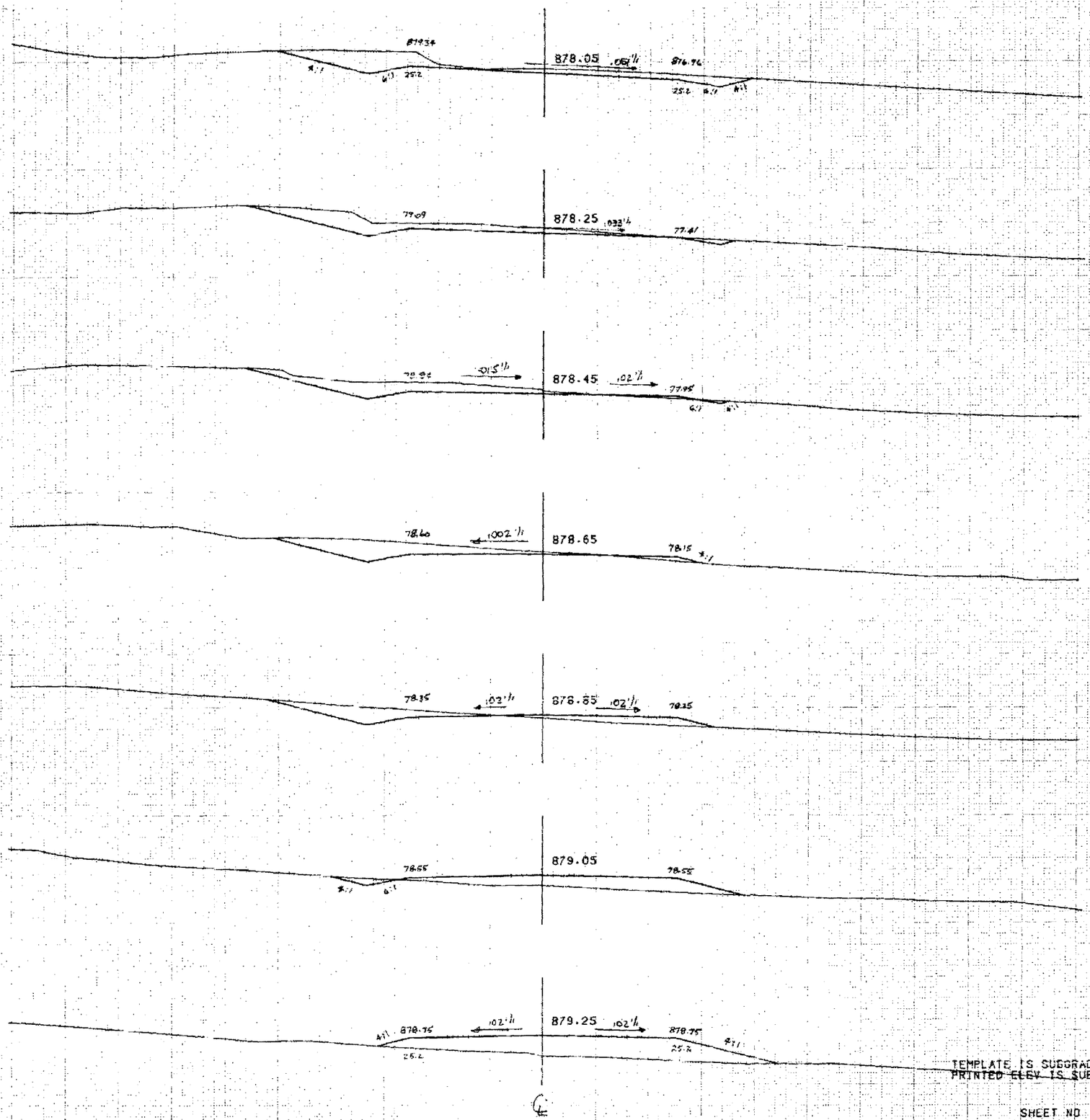
SHEET NO 4 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	954

STATION	DISTANCE	YARDAGE EXCAVATION UNCL					FILL
103+50							
	50	0					946
104+00							
	18						363
104+18							
	17						320
104+35							
	15						260
104+50							
	50						941
105+00							
	18						359
105+18							
	12						222
105+30							
	20	0					314
105+50	TOTAL	0					3725



SHEET NO 5 6 7255050013

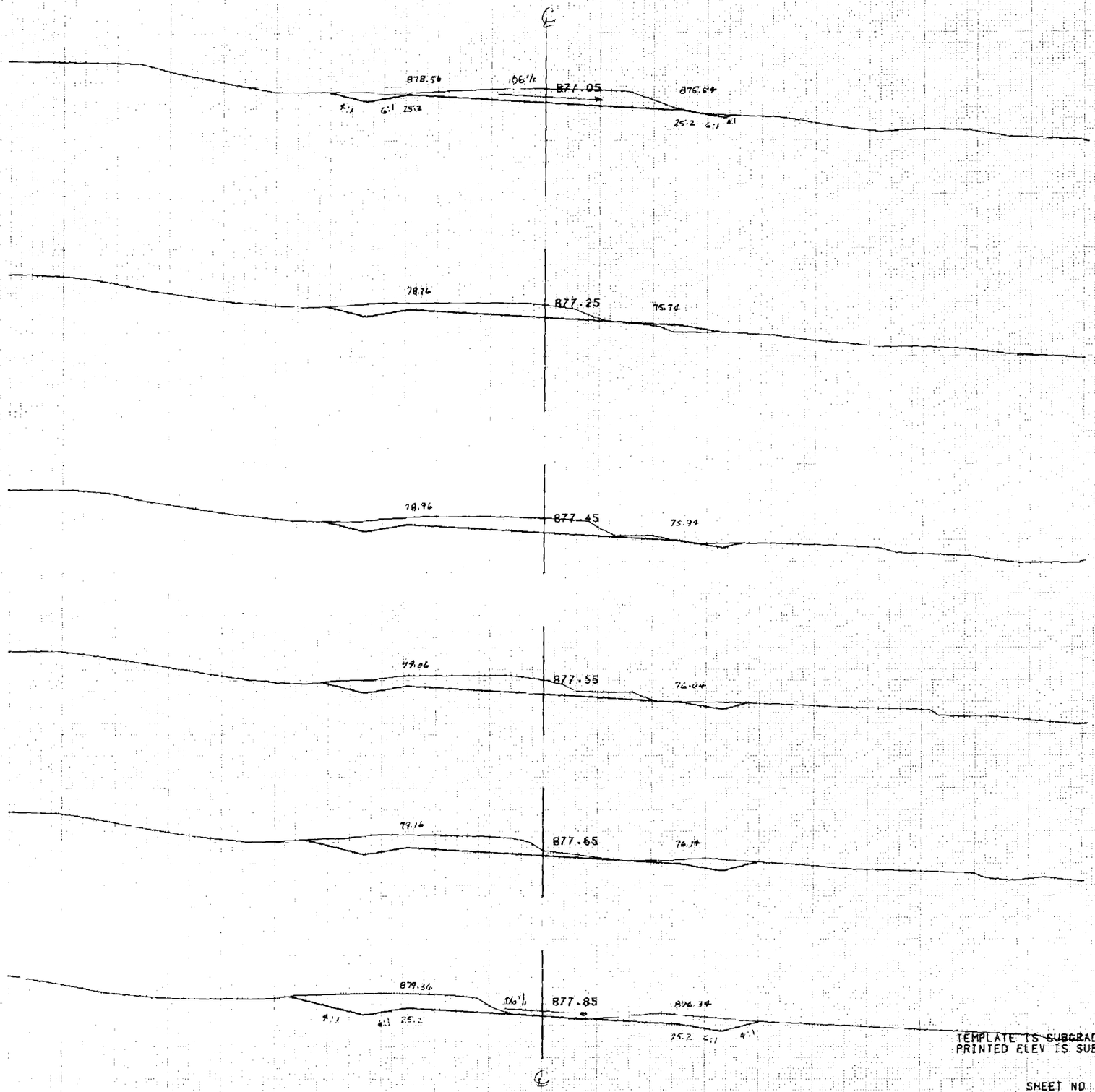


STATE PROJECT NUMBER: 7255-05-71 — SHEET NUMBER: 9.55

STATION	DISTANCE	YARDAGE EXCAVATION UNCL	FILL
105+50	50	0	585
106+00	50	7	302
106+50	50	46	133
107+00	50	150	40
107+50	50	179	10
108+00	50	185	4
108+50	50	216	0
109+00			
	TOTAL	803	1042

SHEET NO 6 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.56



111+50
880

111+00
880

110+50
880

110+25
880

110+00
880

109+50
880

E. FRONTAGE RD

STATION	DISTANCE	YARDAGE EXCAVATION				FILL
		UNCL				
109+00	50	250				1
109+50	50	260				1
110+00	25	123				0
110+25	25	112				0
110+50	50	187				9
111+00	50	187				9
111+50						
	TOTAL	1119				20

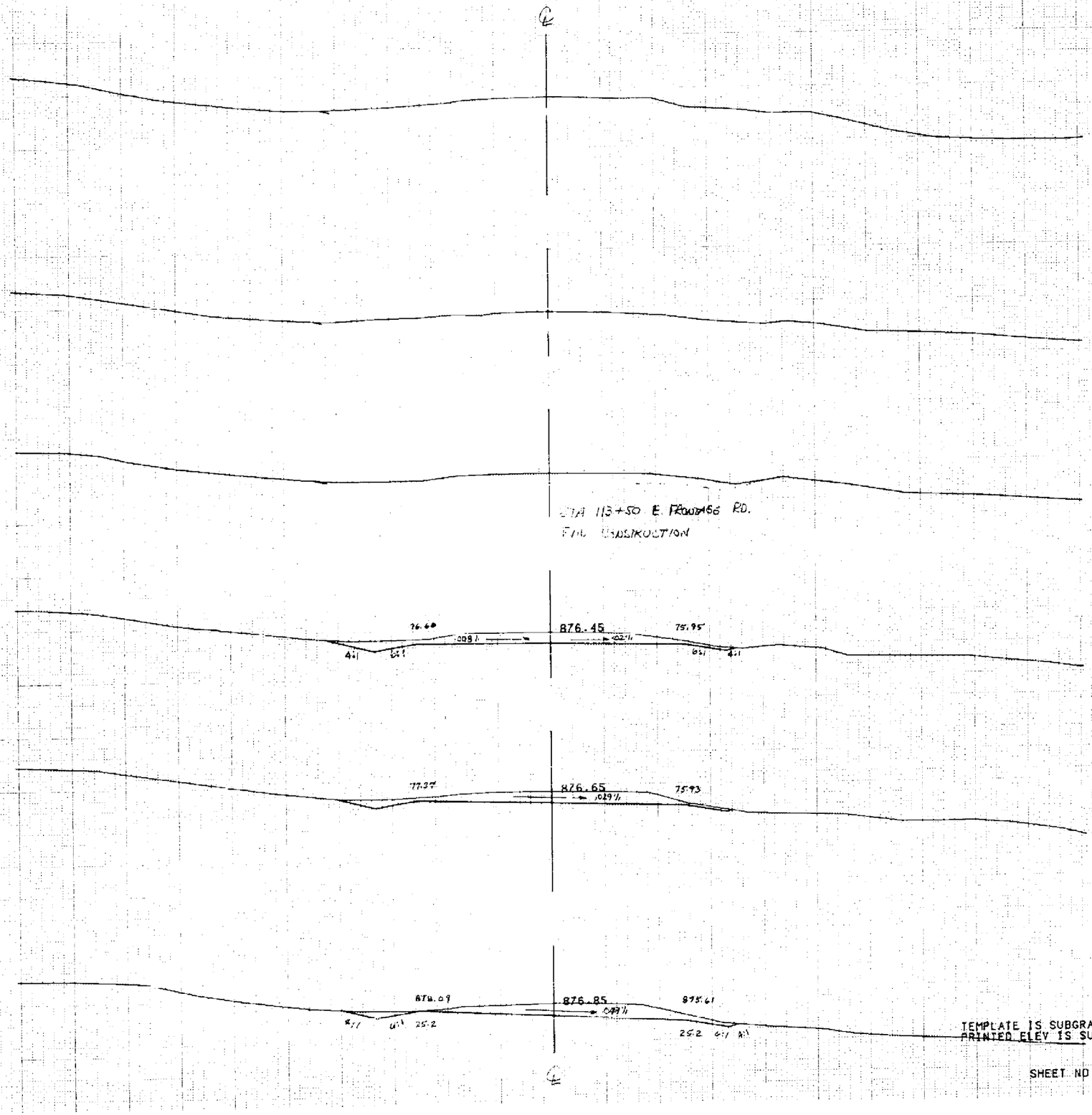
TEMPLATE IS SUBGRADE
PRINTED ELEV IS SUBGRADE

SCALE: FEET
20 10 0

SHEET NO 7 6 7255050013

STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9,51

STATION	DISTANCE	YARDAGE EXCAVATION					FILL
		UNCL					
111+50							
	50	208					0
112+00							
	50	204					0
112+50							
	50	203					0
113+00							
	50	228					0
113+50							
	TOTAL	843					0



STATE PROJECT NUMBER	SHEET NUMBER
7255-05-71	9.58

END CONST STA. 14+20 MEET EXIST.

BEGIN CONST STA. 5+63 MEET EXIST.

14+00 910 — 13+00 910 — 12+00 910 — 11+00 910 — 10+00 910 — 9+00 910 — 8+00 910 — 7+00 910 — 6+00 910

℄ 917.42 — 12.56 — .007 — 2:1 — 6:1 — 17.12 — .015 — VAR.

915.92 — .043 — 16.78 — 4:1 — 15.06 — VAR.

914.42 — .054 — 15.49 — 4:1 — 13.35 — 6:1 — 2:1 — ℄ RD 910

912.92 — 13.99 — 4:1 — 2:1 — 11.85 — VAR.

911.42 — 12.49 — 2.5:1 — 6:1 — 10.35 — VAR.

910.00 — 11.07 — VAR. — INL. 907.5 — 08.93 — DIS. 907.0 — 2:1

909.10 — .054 — 10.17 — VAR — 08.03 — 6:1 — VAR.

908.80 — .030 — 09.52 — DITCH DAM 909.0 — 08.08 — VAR.

908.80 — .002 — 19.9 — 08.76 — .015 — 19.9 — 08.50 — 10' — 9' — SE. = .054 ½ TRANS = 130' — P.C. 7+08 — 0.054½ — 0.00 — 0.054½

STATION	DISTANCE	YARDAGE EXCAVATION UNCL.	FILL
6+63			
6	37	56	0
7	100	174	9
8		410	59
9		730	106
10		830	372
11		580	480
12		220	180
13		130	66
14	100	220	74
14+20	20	50	4
SHEET TOTAL		3400	1350

T.N. RD

P.T. 13+30