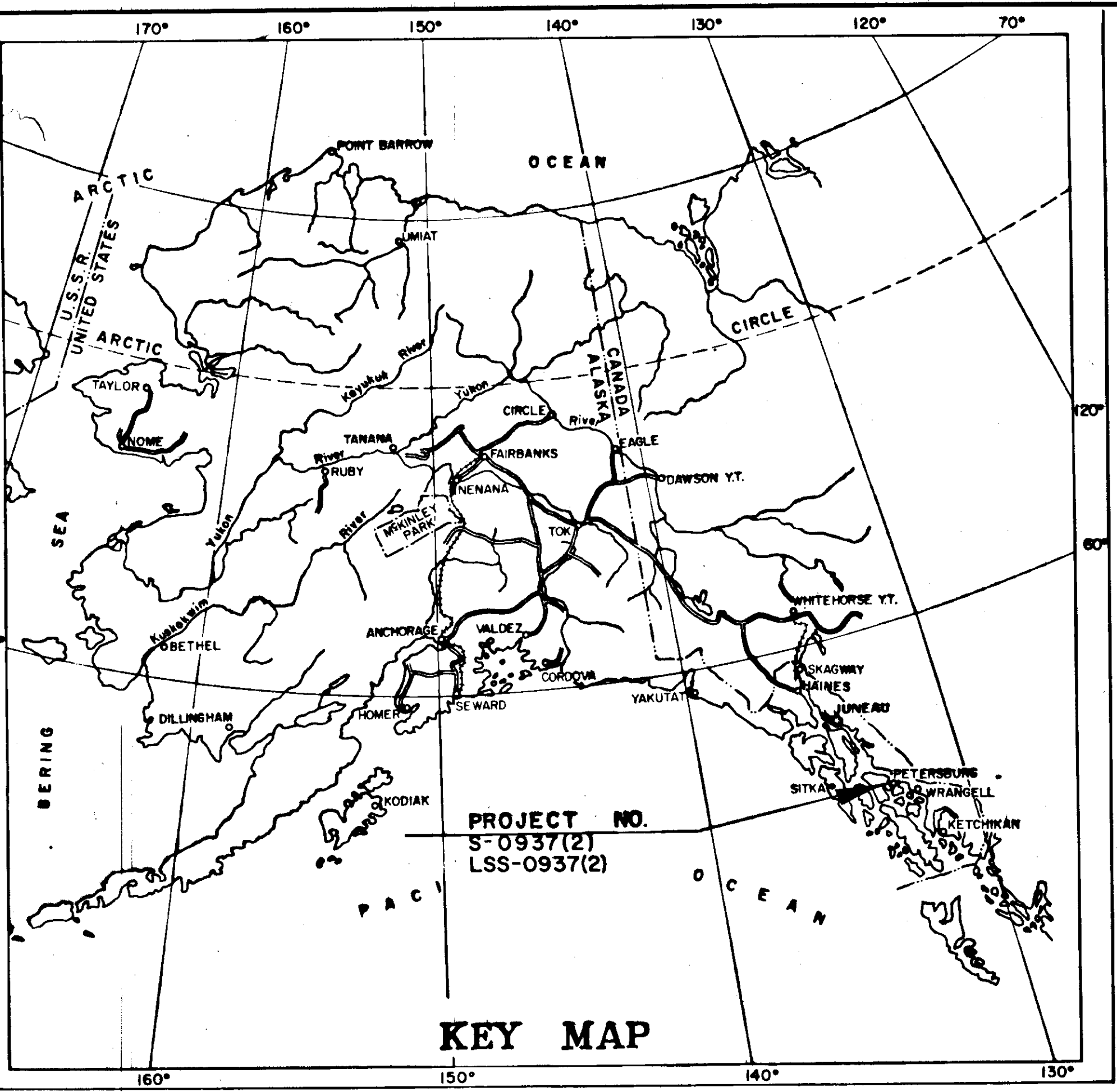


STATE	ROUTE DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0937(2)	1966	1	43



**STATE OF ALASKA
DEPARTMENT OF HIGHWAYS**

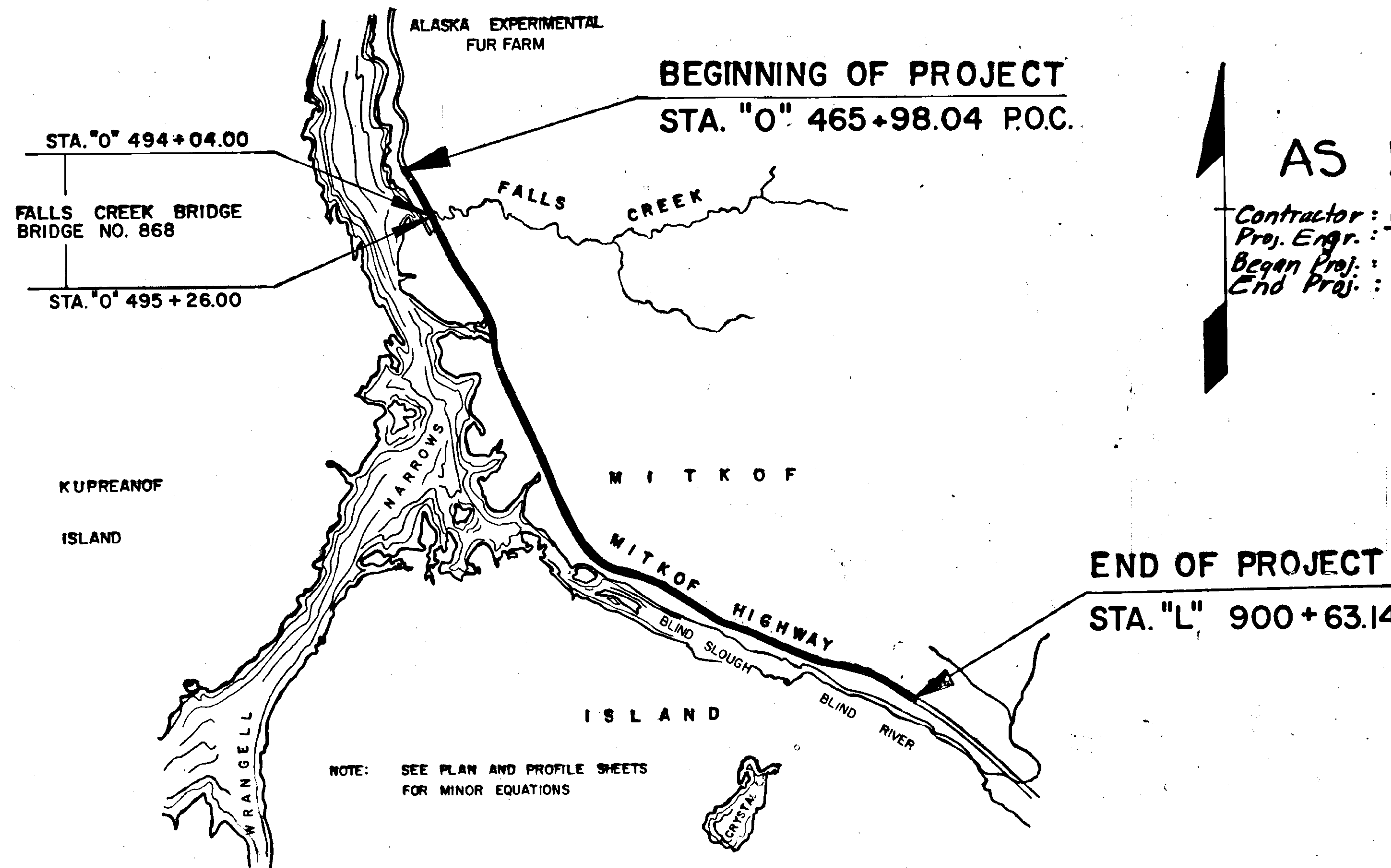
**PLAN AND PROFILE
PROPOSED HIGHWAY PROJECT
S-0937(2)
LSS-0937(1)
MITKOF HIGHWAY
PETERSBURG SOUTH
8.75 TO 17.0 MILES
GRADING, DRAINAGE, BRIDGE
AND ROADSIDE BEAUTIFICATION**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION
3	ESTIMATE OF QUANTITIES
4	MATERIAL SITE LOCATIONS
5-20	PLAN AND PROFILE
21-23	ROAD APPROACHES & MISC. DETAILS
24	PARKING AREA DETAILS
25	SUMMARY SHEET
26-35	BRIDGE NO. 868
S-1	STANDARD CULVERTS
S-2	STANDARD END SECTIONS
S-6	STANDARD PROJECT IDENTIFICATION SIGN
S-7	STANDARD CONCRETE R-O-W MONUMENT
S-13	STANDARD CULVERT MARKER POST
S-19	STANDARD SUPERELEVATION
S-30	STANDARD SURVEY MONUMENT
S-40	STANDARD INFORMATION SIGN

PROJECT SUMMARY

WIDTH OF SUBGRADE	28'
WIDTH OF SURFACE	28'
LENGTH OF GRADING	43,238.63' = 8.189 MI.
LENGTH OF BRIDGE	122.00' = 0.023 MI.
LENGTH OF PROJECT	43,360.63' = 8.212 MI.
LENGTH OF TEMPORARY TRANSITION	398.04' = 0.073 MI.



AS BUILT PLANS
 Contractor: RIVERS CONST.
 Proj. Engr.: T. VANDERWISSE
 Began Proj.: 7-1-66
 End Proj.: 6-15-68

- CONVENTIONAL SIGNS**
- PROPOSED CONSTRUCTION CENTERLINE
 - PRELIMINARY SURVEY LINE
 - TOWNSHIP LINE
 - SECTION LINE
 - PROPERTY LINE
 - RIGHT-OF-WAY LINE
 - EASEMENT LINE
 - CORPORATED OR CITY LIMITS
 - POWER LINE
 - TELEPHONE OR TELEGRAPH LINE
 - POLE ANCHOR
 - RIPRAP
 - WATER LINE
 - SEWER LINE
 - VALVE BOX
 - CATCH BASIN
 - DROP INLET
 - MANHOLE
 - CULVERT PROPOSED
 - CULVERT EXISTING
 - OBLITERATION OF OLD ROAD
 - TRAVELED WAY
 - SWAMP, PEAT BOG
 - LOGGED AREA
 - LAND MONUMENT
 - RIGHT OF WAY MONUMENTS
 - LOW BRUSH
 - CONIFEROUS TREES

DESIGN DESIGNATION
 ADT (1965)= 180
 ADT (1985)= 430
 DHV (15%)= 64
 D=35-65%
 T=10%
 V=50 MPH

STATE OF ALASKA
DEPARTMENT OF HIGHWAYS
 APPROVED *[Signature]* Date 4/19/66
 COMMISSIONER OF HIGHWAYS

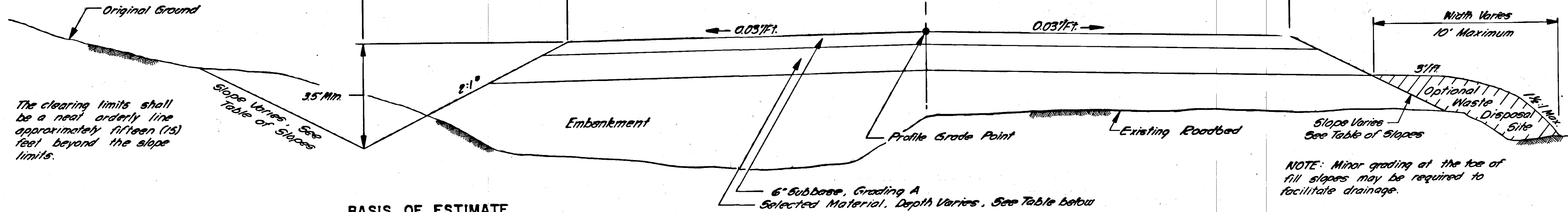
NOTE: SEE PLAN AND PROFILE SHEETS FOR MINOR EQUATIONS

TABLE OF SLOPES

Height	Fill	Cut
Under 5'	2:1	2:1
5' to 10'	2:1	2:1
Over 10'	1 1/2:1	2:1
10' to 15'	1 1/2:1	2:1
Over 15'	1 1/2:1	1 1/2:1

* Use a 4:1 Ditch Slope and a 16" minimum width for the stations listed below

- 645+00 to 650+00 Lt. & Rt.
- 740+00 to 749+00 Lt.
- 793+00 to 799+00 Lt.
- 813+00 to 823+00 Lt.
- 874+50 to 886+50 Rt.
- 894+00 to 900+00 Lt.



The clearing limits shall be a neat orderly line approximately fifteen (15) feet beyond the slope limits.

NOTE: Minor grading at the toe of fill slopes may be required to facilitate drainage.

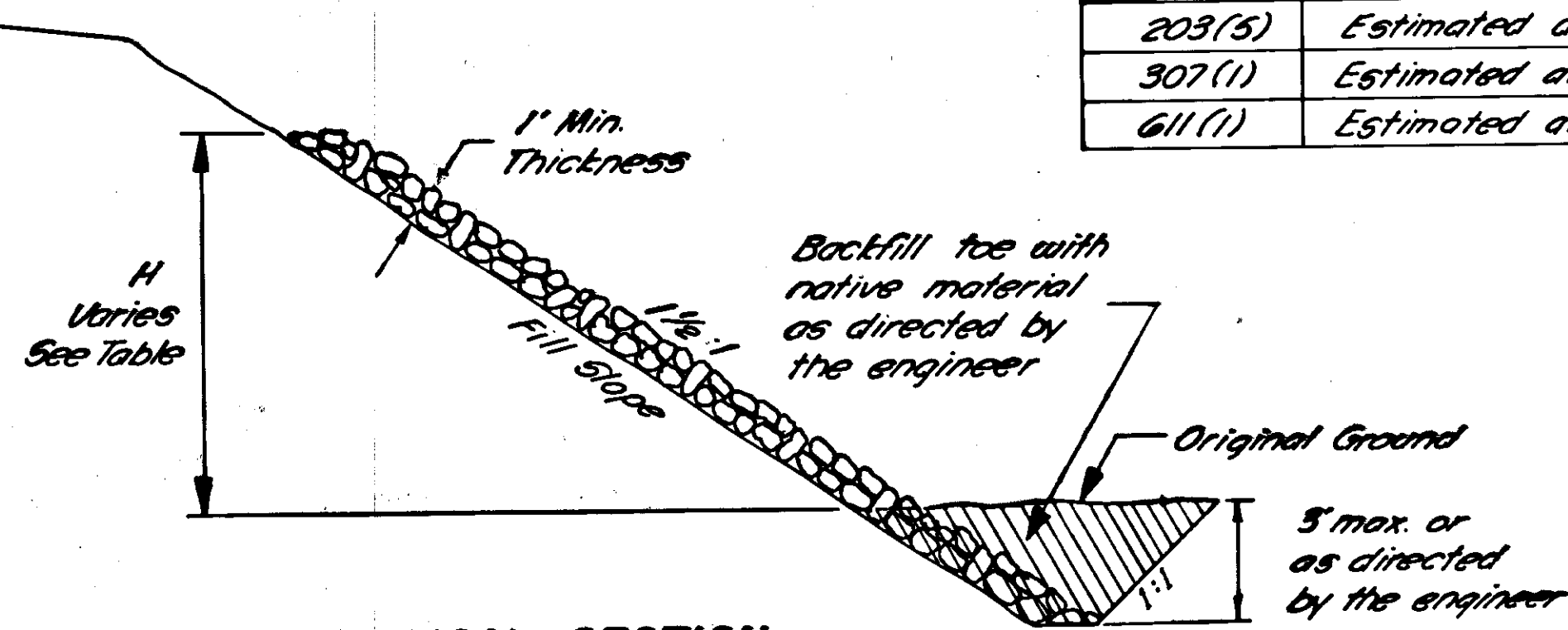
BASIS OF ESTIMATE

Item No.	Basis of Estimate
203(5)	Estimated at 1.87 tons/Cu.Yd.
307(1)	Estimated at 1.87 tons/Cu.Yd.
611(1)	Estimated at 1.87 tons/Cu.Yd.

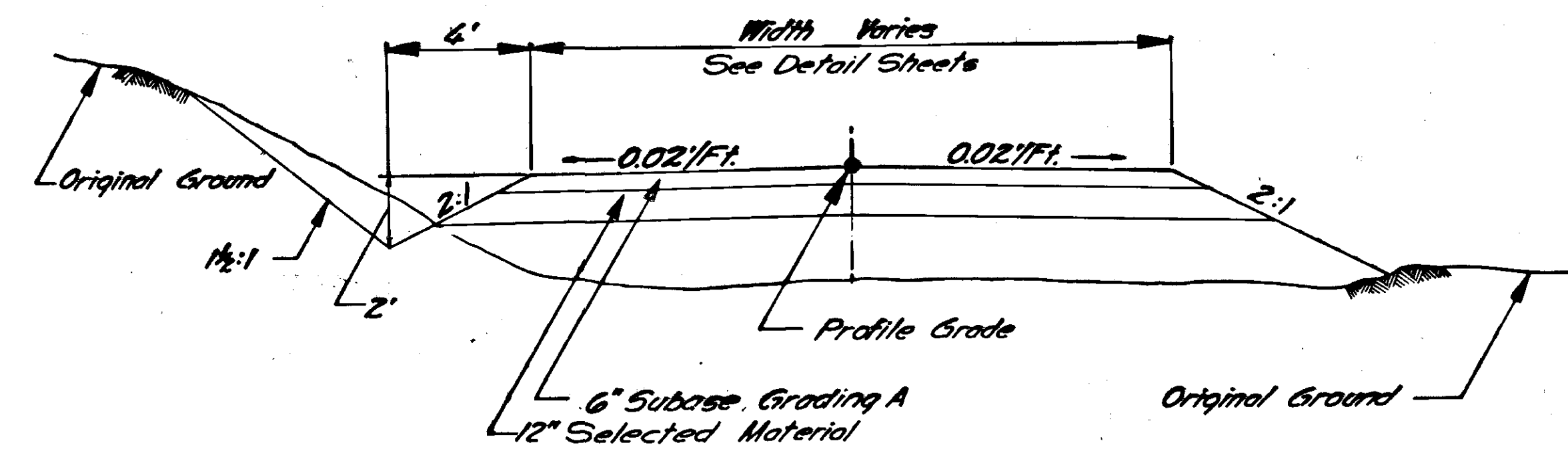
TYPICAL SECTION OF IMPROVEMENT
STA. 463+00 to STA. 900+00

GENERAL NOTES

1. Culvert lengths and locations are approximate only and are subject to minor revisions.
2. Grades and alignment shown on these plans are subject to minor revisions.
3. Miscellaneous and minor Eight-of-Way encroachments, except utility poles, within the construction limits at the time of construction, such as fences, signs, abandoned foundations, etc., shall be removed by the contractor as directed by the engineer. No payment for this work shall be made as it is not a pay item in this contract. Such work will be considered incidental to other items of work performed under this contract.
4. All waste and/or surplus material encountered on this project will be disposed of by the contractor as shown on the plans or at locations of his own choice and as approved by the engineer. There is no payment for overhaul of unclassified excavation designated as waste and/or surplus material by the engineer.
5. The contractor shall be responsible for the construction and maintenance of all haul roads used on this project, and shall not receive any direct payment for this work.
6. Excavation and Backfilling toe of Riprap shall be incidental to Item 611(1), Riprap, Class II
7. The installation and reconnection of the 1" Plastic Water Line at Sta. 841+00 shall be considered incidental to the cost of Item 603(2A), 8" Corrugated Metal Pipe, 16 gage.
8. Utility poles within the construction limits will be moved by others.



TYPICAL SECTION RIP RAP CLASS II



TYPICAL SECTION OF APPROACHES
SEE DETAIL SHEETS

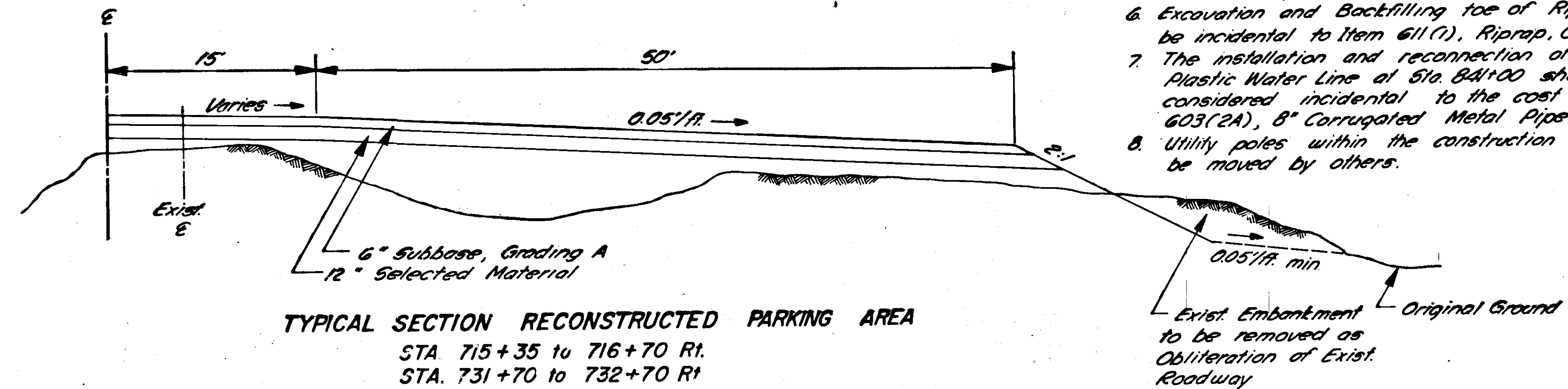
SELECTED MATERIAL

Station to Station	Depth
462+00 to 465+50	24"
465+50 to 483+50	6"
483+50 to 486+50	24"
486+50 to 489+00	6"
489+00 to 492+50	24"
492+50 to 505+00	6"
505+00 to 513+00	24"
513+00 to 630+00	6"
630+00 to 639+00	24"
639+00 to 795+00	6"
795+00 to 798+00	18"
798+00 to 842+00	6"
842+00 to 854+00	12"
854+00 to 874+50	6"
874+50 to 895+00	12"
895+00 to 900+63	24"

RIPRAP, CLASS II

Location	L	H
553+28	30	8
576+18	20	8
642+70	50	15
893+75	40	10

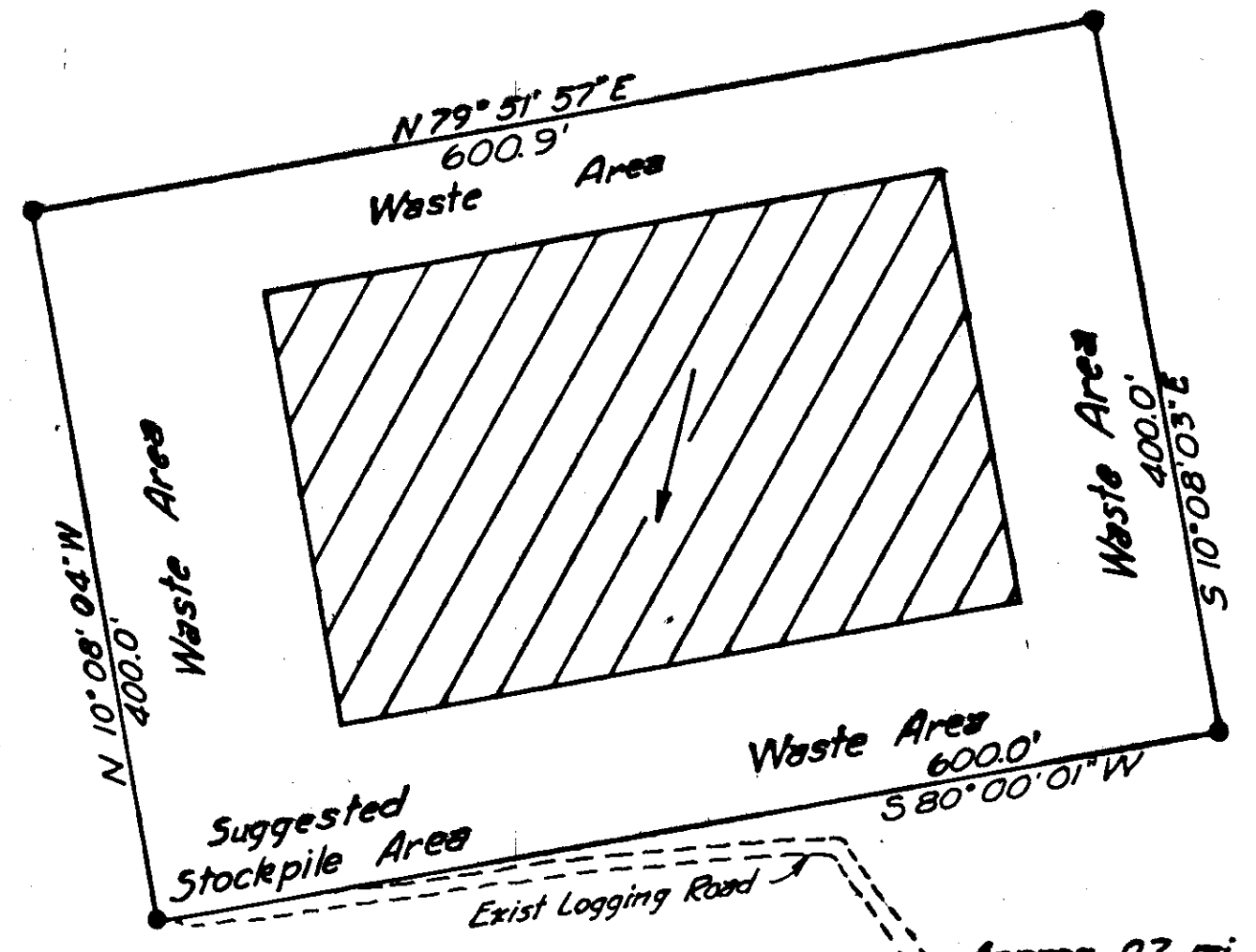
L = Length of slope protection measured parallel to centerline of roadway (see plan & profile sheets)



TYPICAL SECTION RECONSTRUCTED PARKING AREA
STA. 715+35 to 716+70 Rt.
STA. 731+70 to 732+70 Rt.

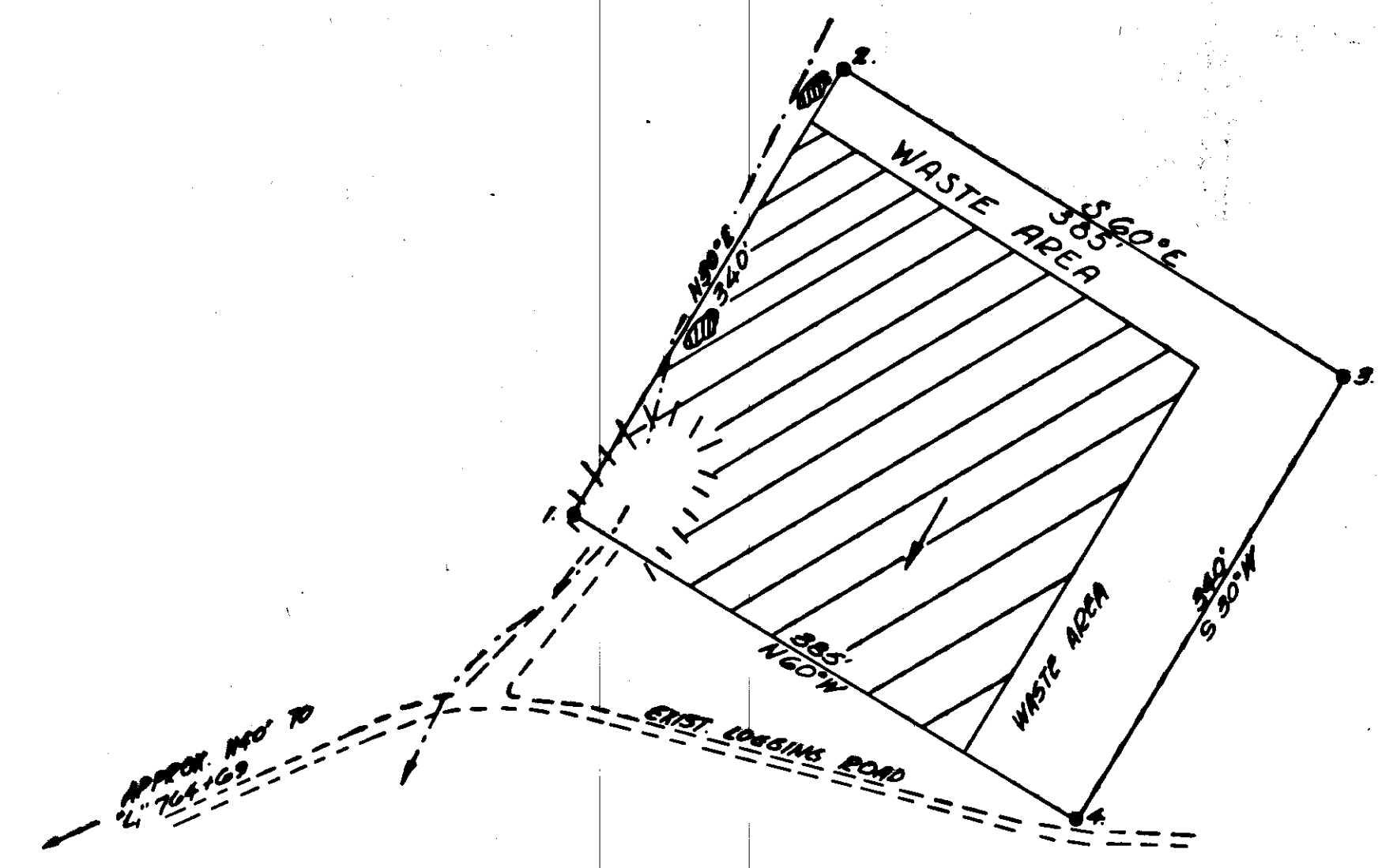
AS BUILT

MATERIALS SITE LOCATIONS DESIGNATED SOURCES



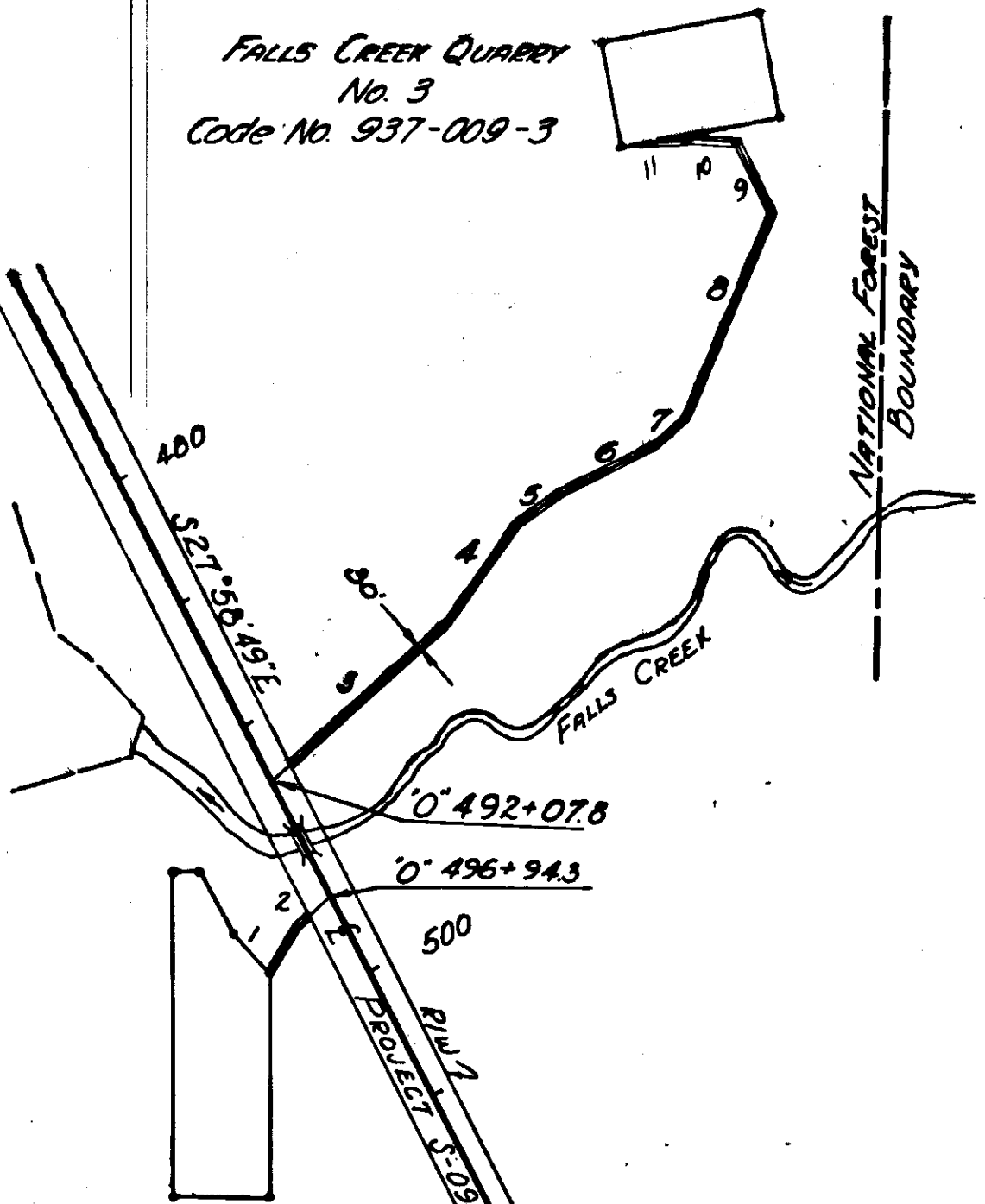
FALLS CREEK QUARRY NO. 3
CODE NO. 937-009-3

Note: Waste Areas shall be used for disposal of stripping material only.



BLIND RIVER ROAD QUARRY NO. 1
CODE NO. 937-005-3

Note: Waste Areas shall be used for disposal of stripping material only.

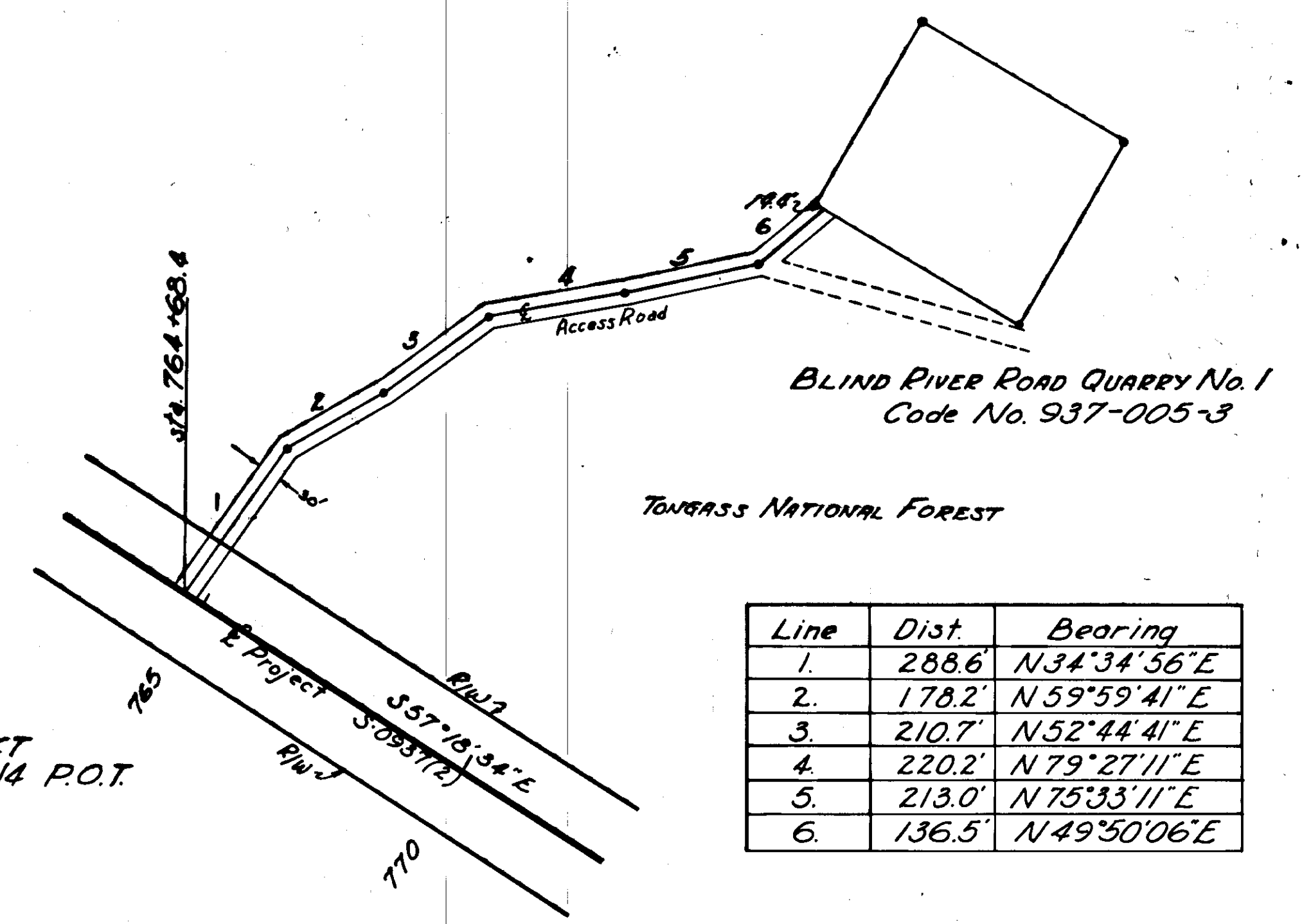
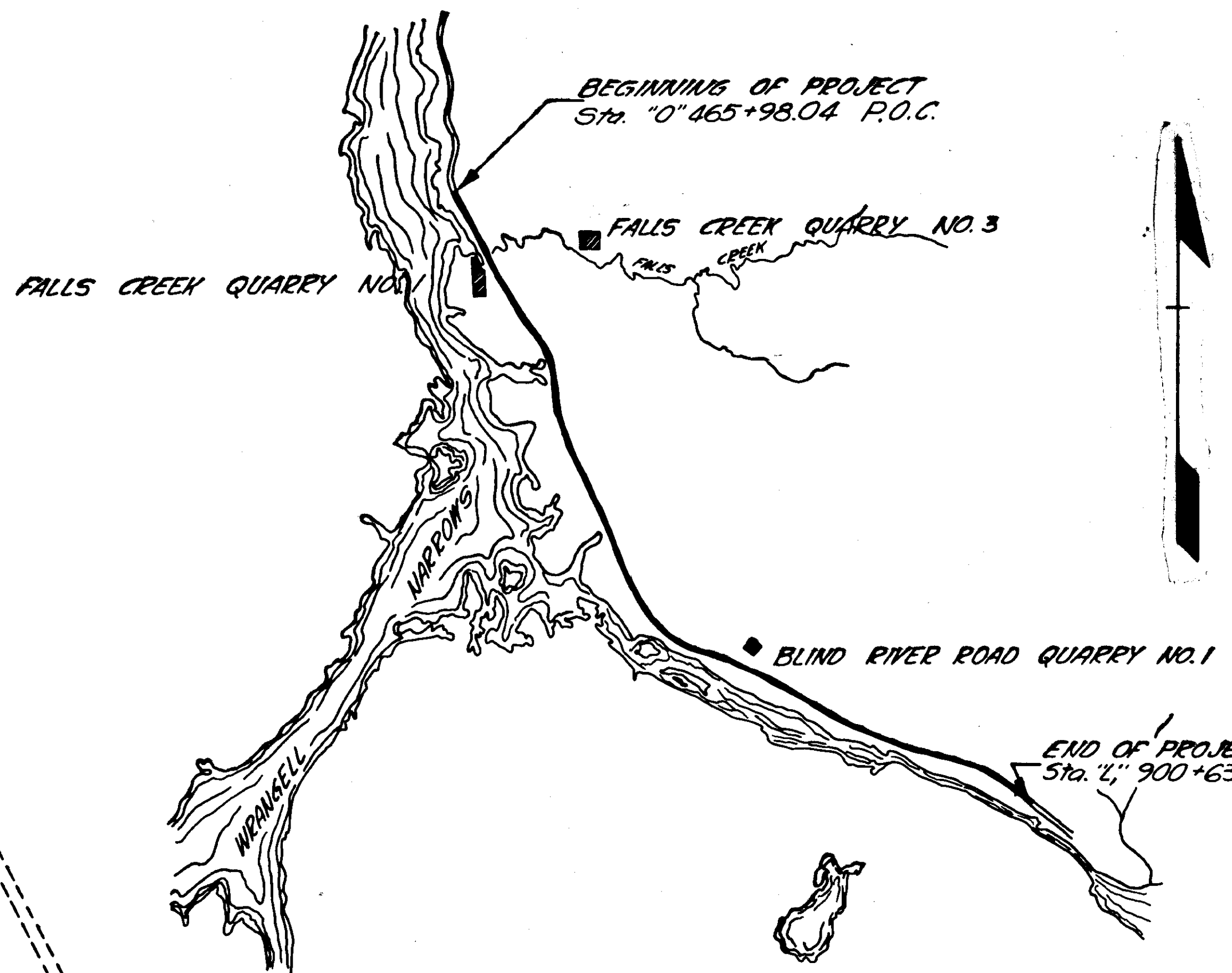


FALLS CREEK QUARRY NO. 1
Code No. 937-003-3

Line	Dist.	Bearing
1.	186.8'	S 29° 30' 26" W
2.	169.1'	S 47° 25' 26" W
3.	846.6'	N 47° 01' 26" E
4.	454.1'	N 34° 43' 26" E
5.	167.1'	N 54° 07' 19" E
6.	397.7'	N 67° 34' 49" E
7.	139.9'	N 48° 54' 41" E
8.	825.9'	N 22° 01' 11" E
9.	262.2'	N 27° 27' 19" W
10.	146.6'	N 86° 33' 19" W
11.	250.9'	S 82° 31' 56" W

FALLS CREEK QUARRY SITE NO. 1
CODE NO. 937-003-3

Note: Waste Areas shall be used for disposal of stripping material only.



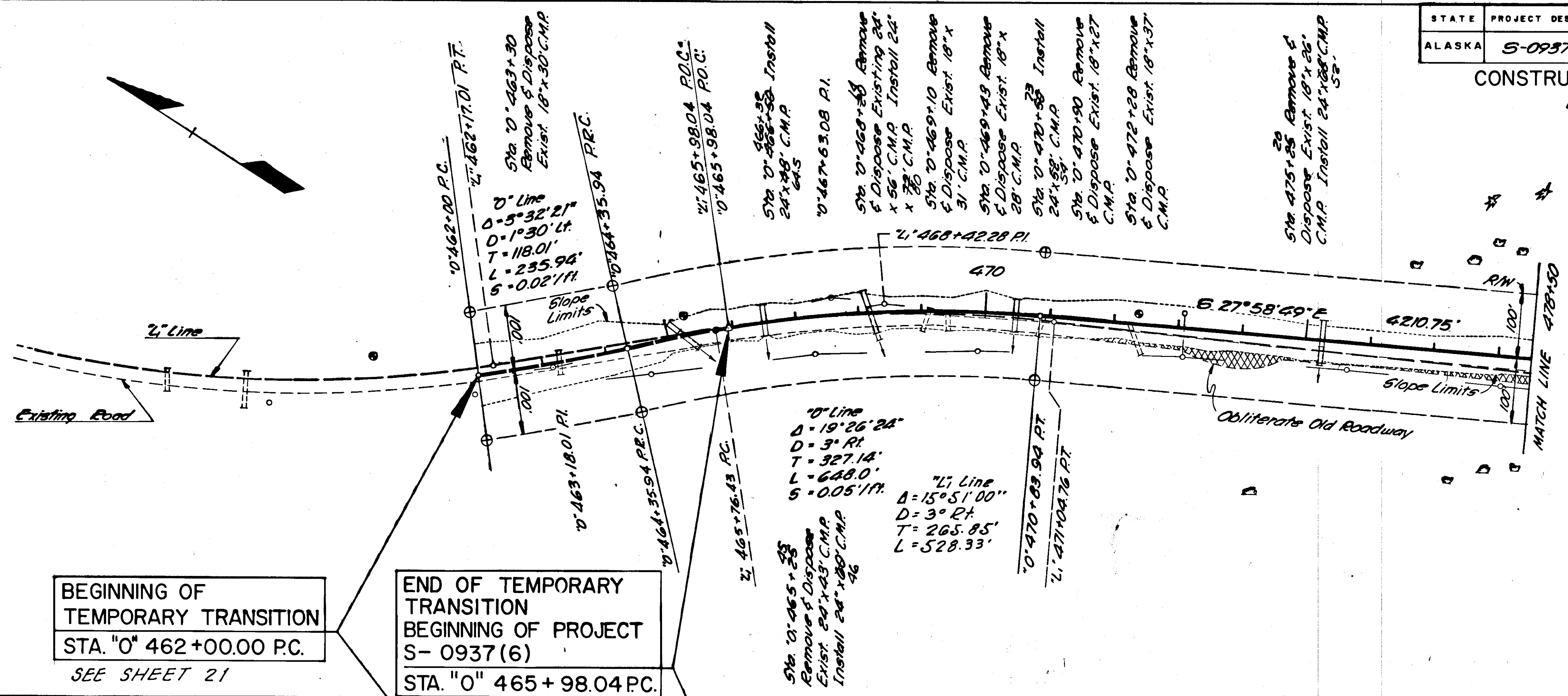
Line	Dist.	Bearing
1.	288.6'	N 34° 34' 56" E
2.	178.2'	N 59° 59' 41" E
3.	210.7'	N 52° 44' 41" E
4.	220.2'	N 79° 27' 11" E
5.	213.0'	N 75° 33' 11" E
6.	136.5'	N 49° 50' 06" E

LEGEND

- Area to be staked for Contractor's use.
- Open face of cut.

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0937 (2)	1966	5	43

CONSTRUCTION PLAN
AS BUILT



Note:
Bearing and coordinates for this project are based on the section line between Sec. 4 and Sec. 3, Township 59 South, Range 79 East, Copper River Base and Meridian.

BEGINNING OF
TEMPORARY TRANSITION
STA. "0" 462+00.00 P.C.
SEE SHEET 21

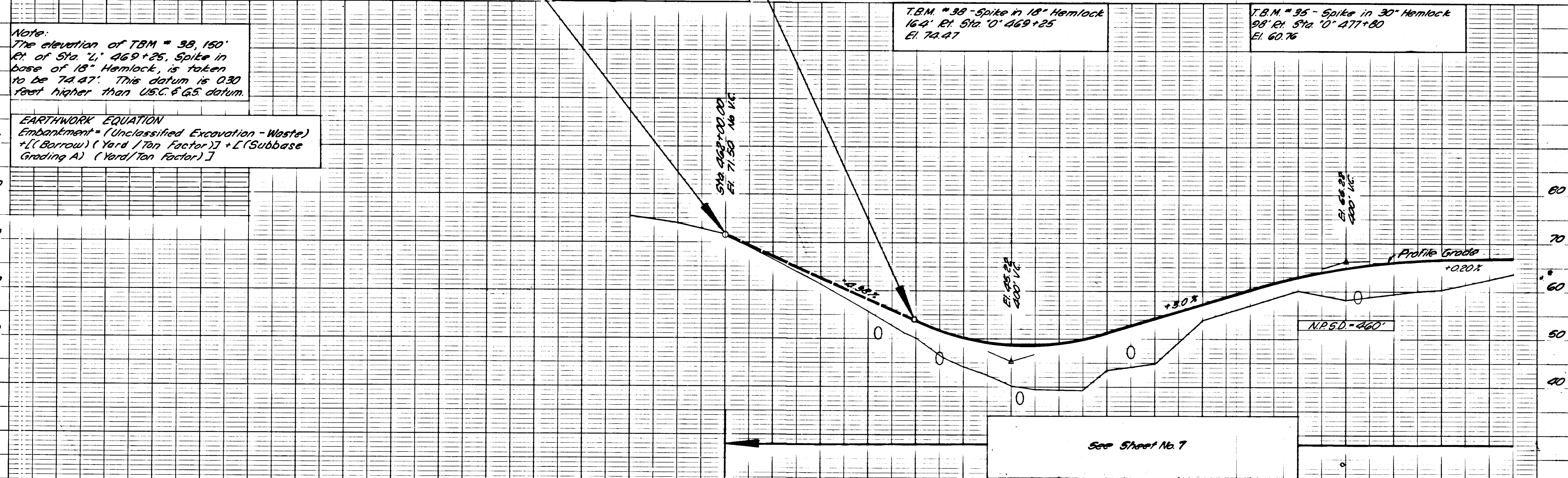
END OF TEMPORARY TRANSITION
BEGINNING OF PROJECT
S-0937 (6)
STA. "0" 465+98.04 P.C.

Note:
The elevation of TBM # 38, 150' Rt. of Sta. "L" 469+25, Spike in base of 18" Hemlock, is taken to be 74.47'. This datum is 0.30 feet higher than U.S.C. & G.S. datum.

EARTHWORK EQUATION
 Embankment = (Unclassified Excavation - Waste) + [(Borrow) (Yard / Ton Factor)] + L (Subbase Grading A) (Yard / Ton Factor)

T.B.M. # 38 - Spike in 18" Hemlock
164' Rt. Sta. "0" 469+25
El. 74.47

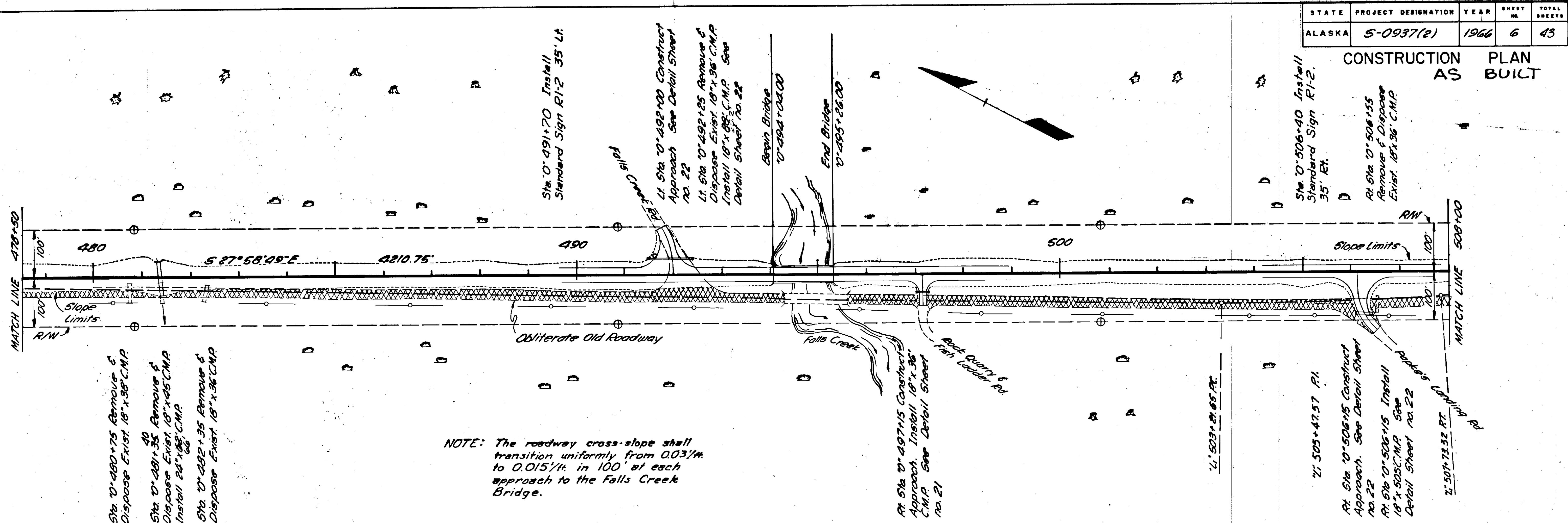
T.B.M. # 35 - Spike in 30" Hemlock
98' Rt. Sta. "0" 471+80
El. 60.76



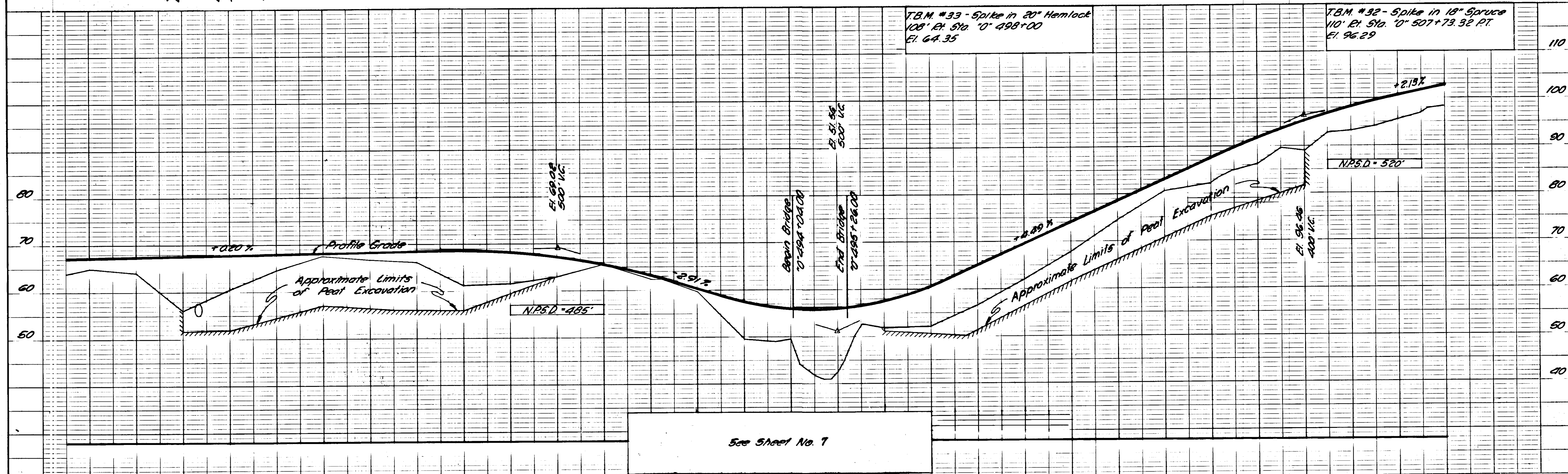
See Sheet No. 7

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	6	43

CONSTRUCTION PLAN AS BUILT

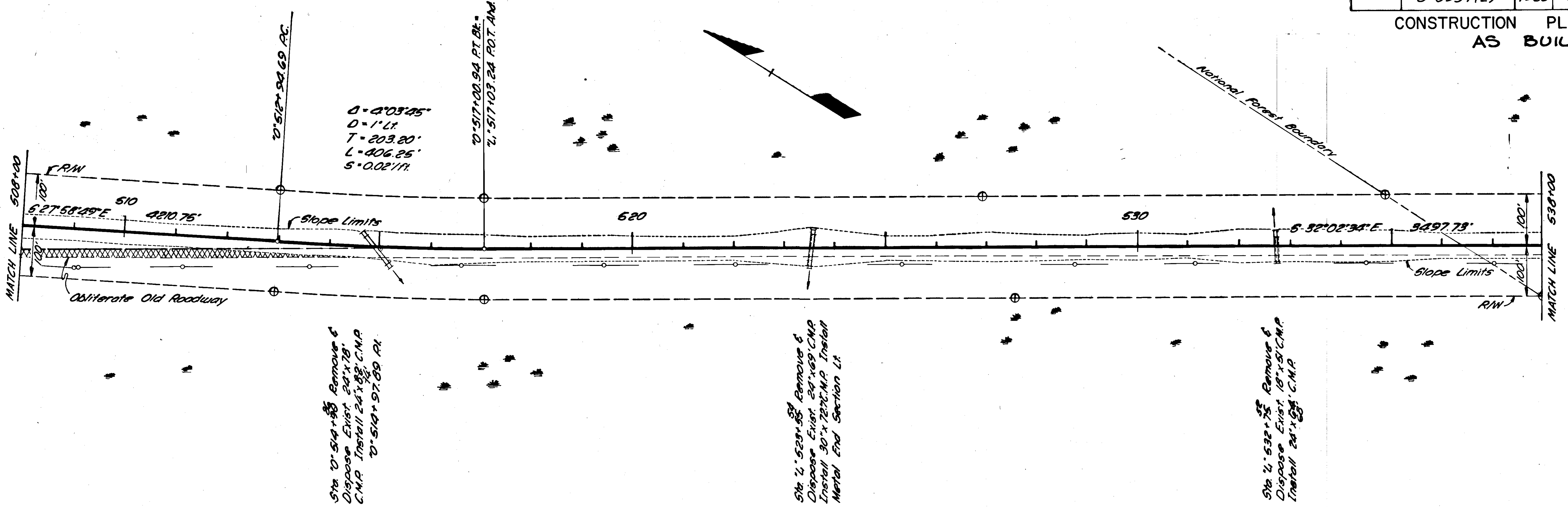


NOTE: The roadway cross-slope shall transition uniformly from 0.03'/ft. to 0.015'/ft. in 100' at each approach to the Falls Creek Bridge.



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	7	43

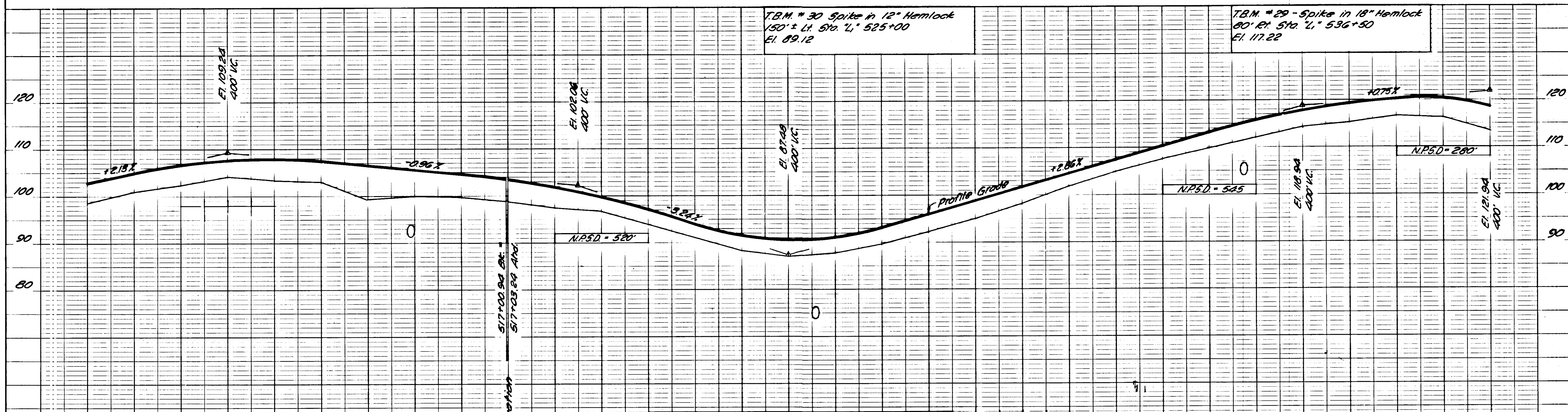
CONSTRUCTION PLAN
AS BUILT



Sta 20+514+85 Remove & Dispose Exist. 24"x78" C.M.P. Install 24"x82" C.M.P. 20+514+97.89 RI

Sta 20+529+55 Remove & Dispose Exist. 24"x69" C.M.P. Install 30"x72" C.M.P. Install Metal End Section Lt.

Sta 20+532+75 Remove & Dispose Exist. 18"x51" C.M.P. Install 24"x68" C.M.P.



T.B.M. # 30 Spike in 12" Hemlock 150' Lt. Sta. 20+525+00 El. 89.12

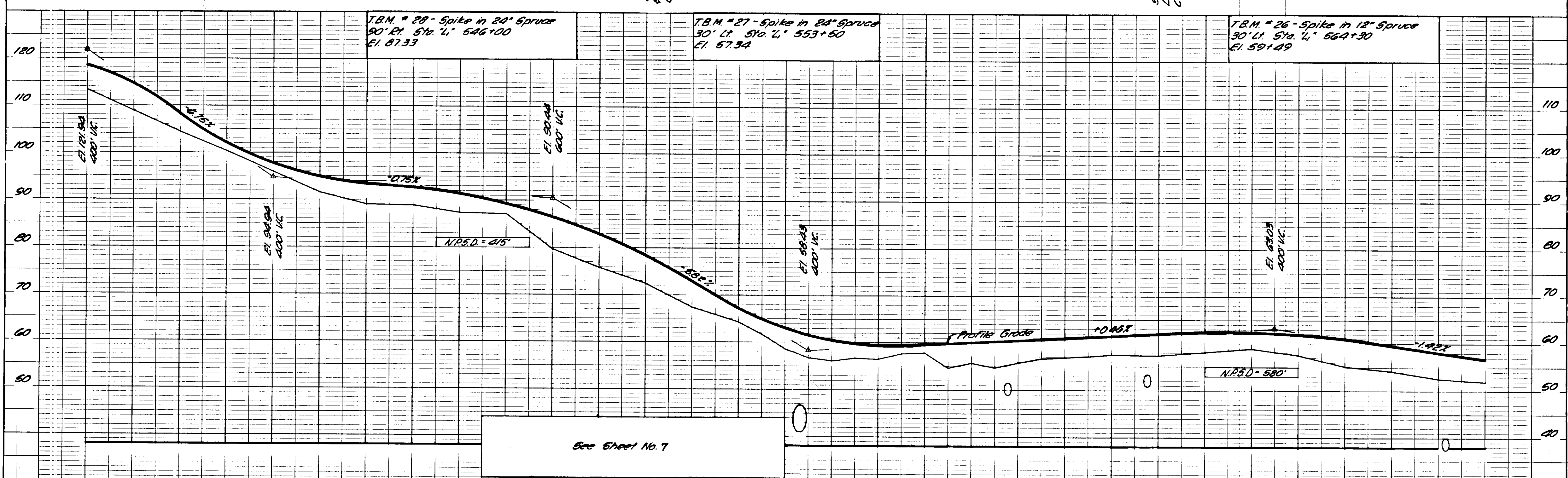
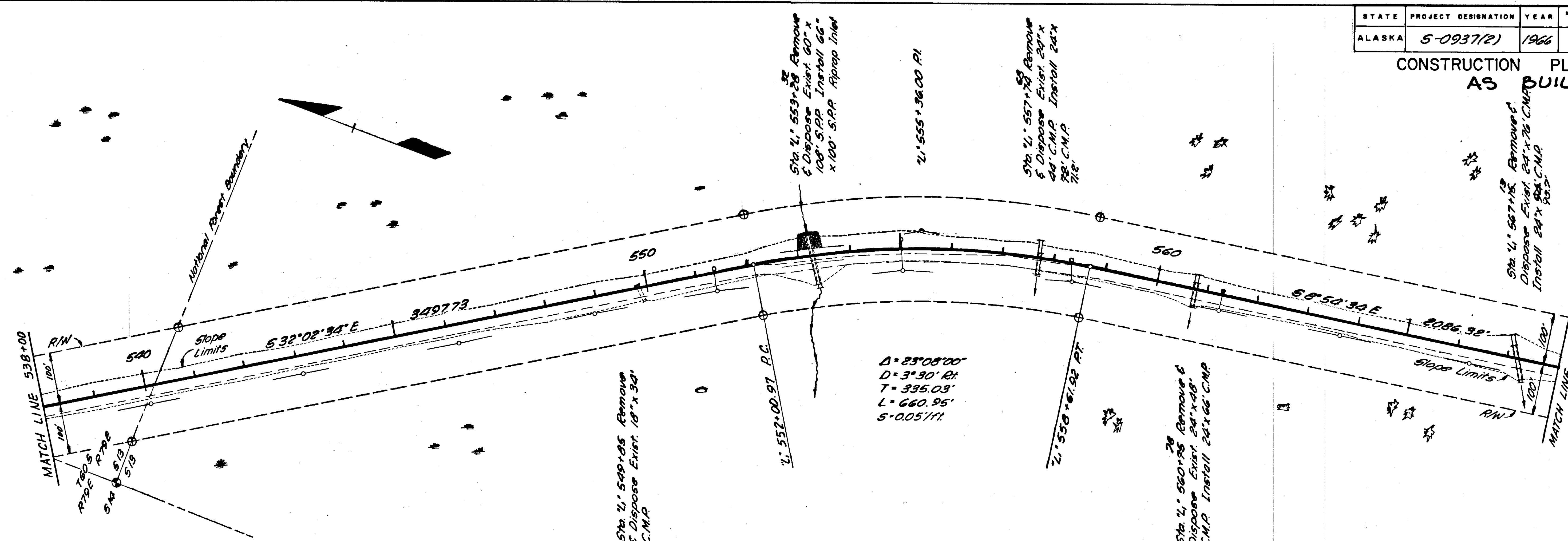
T.B.M. # 29 - Spike in 18" Hemlock 80' El. Sta. 20+536+50 El. 117.22

Unclassified Excavation	36,293 ①	Cu. Yd.
Embankment	154,568	Cu. Yd.
Borrow	229,792 ②	Ton
Overhaul	289,779	Ton Mile
Subbase, Grading A	14,786	Ton

① Waste 29,070 Cu. Yds.
② Obtain from P.H. No. 937-009-3

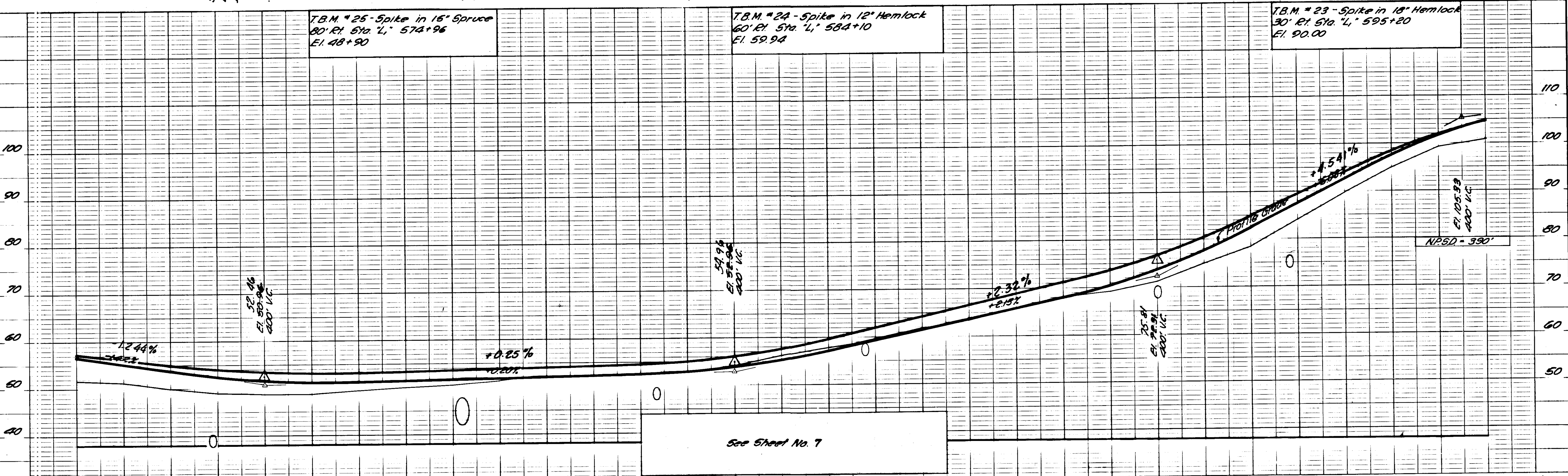
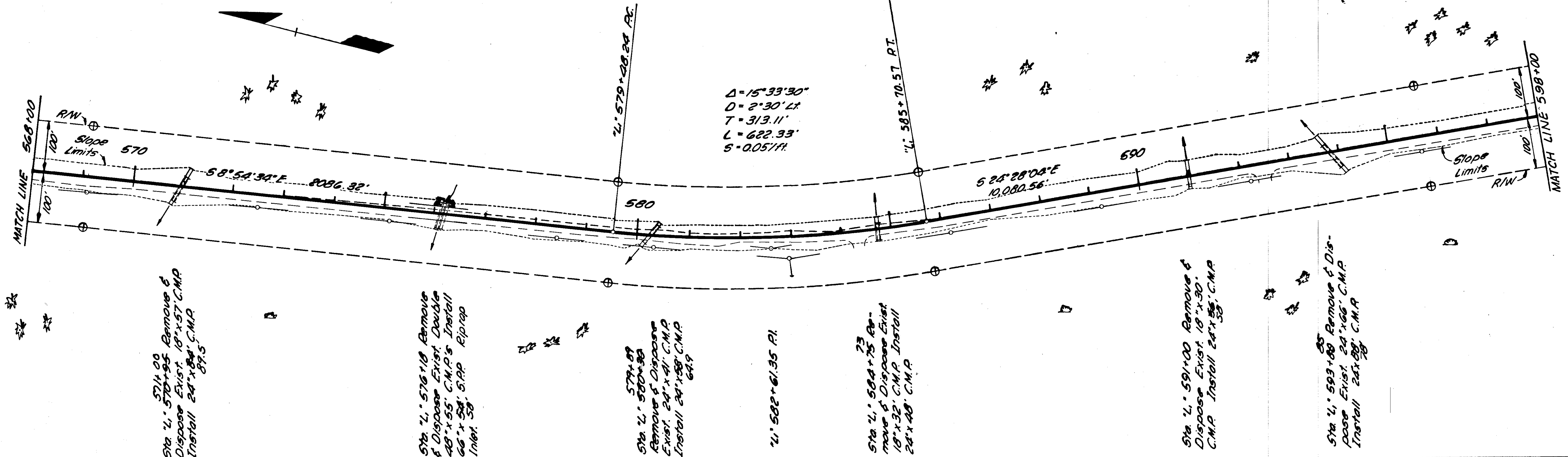
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	8	43

CONSTRUCTION PLAN
AS BUILT



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	9	43

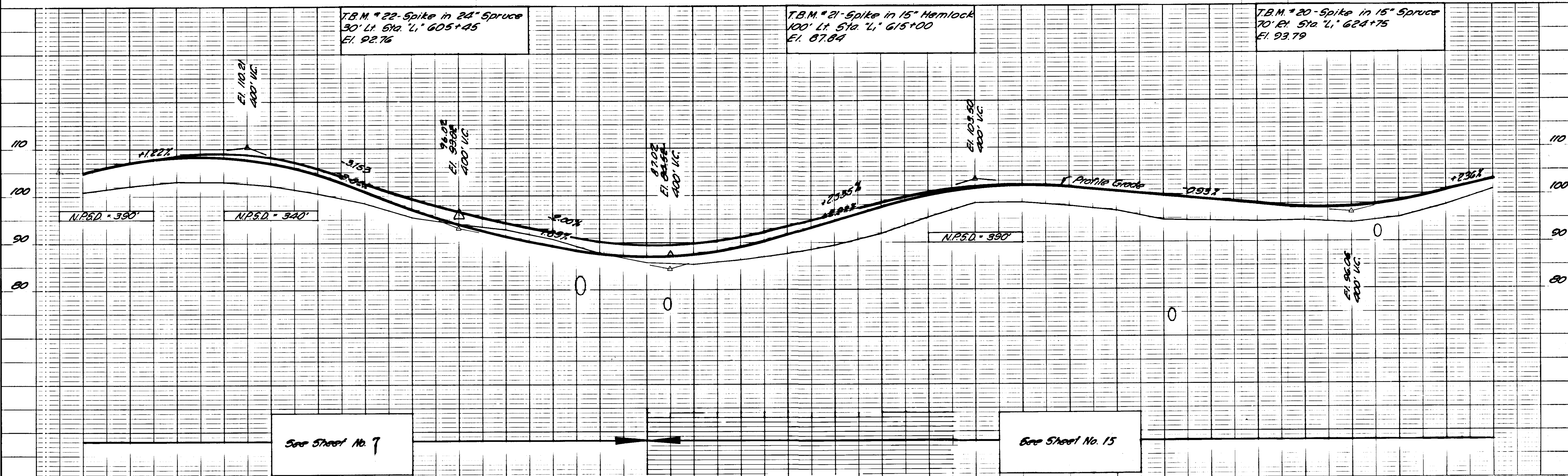
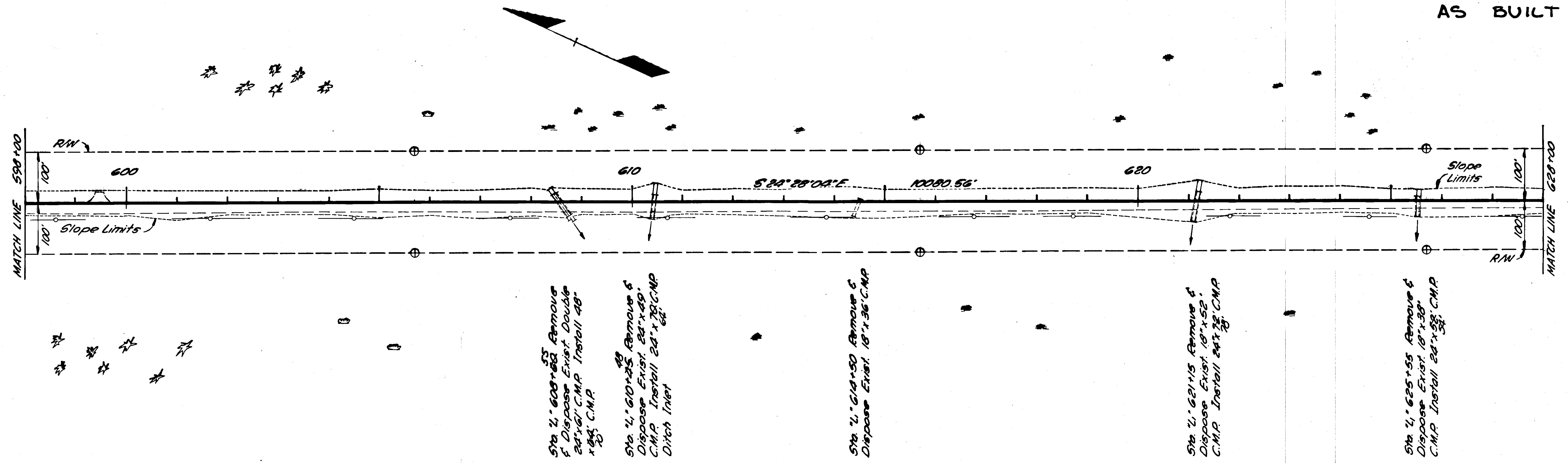
CONSTRUCTION PLAN
AS BUILT



See Sheet No. 7

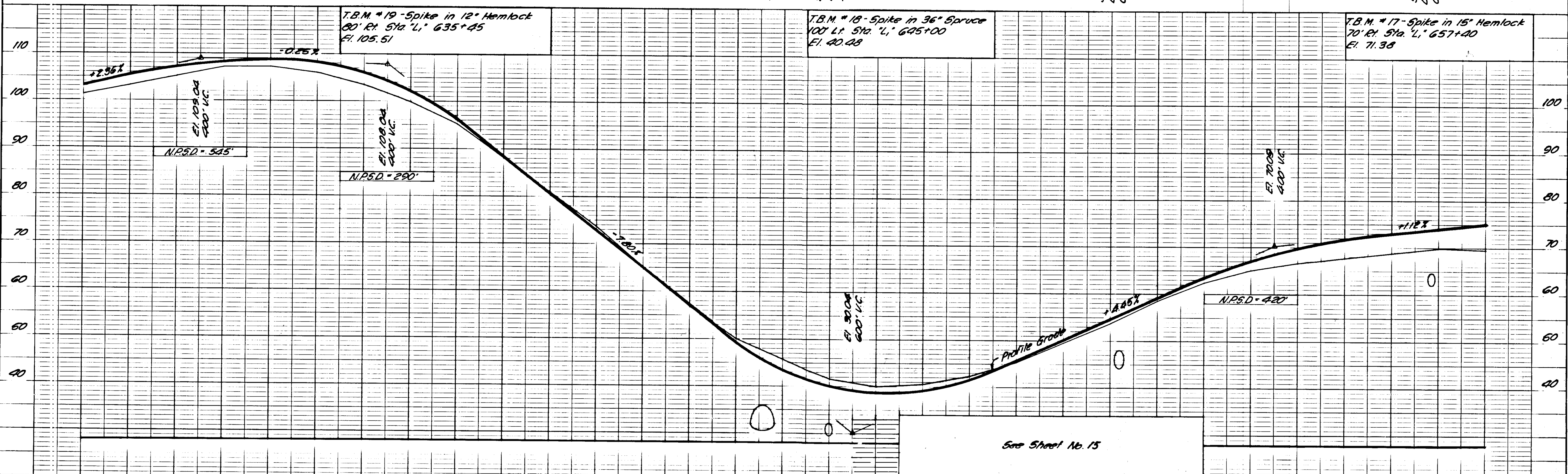
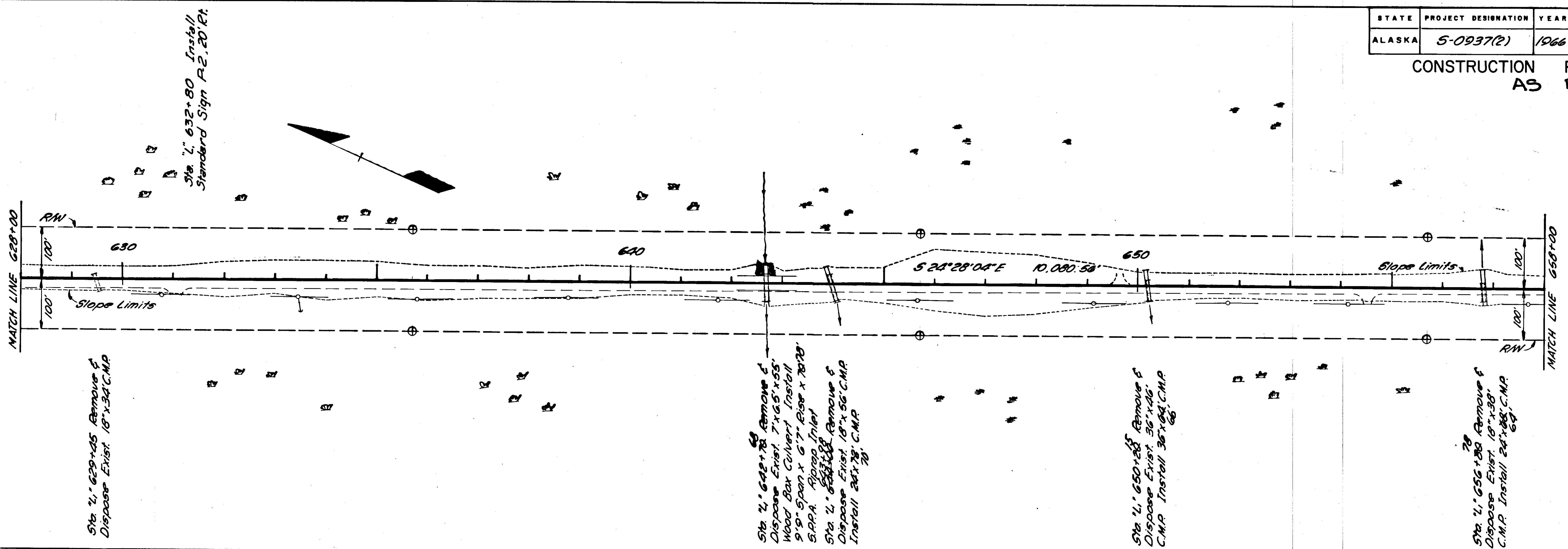
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	10	43

CONSTRUCTION PLAN
AS BUILT



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	11	43

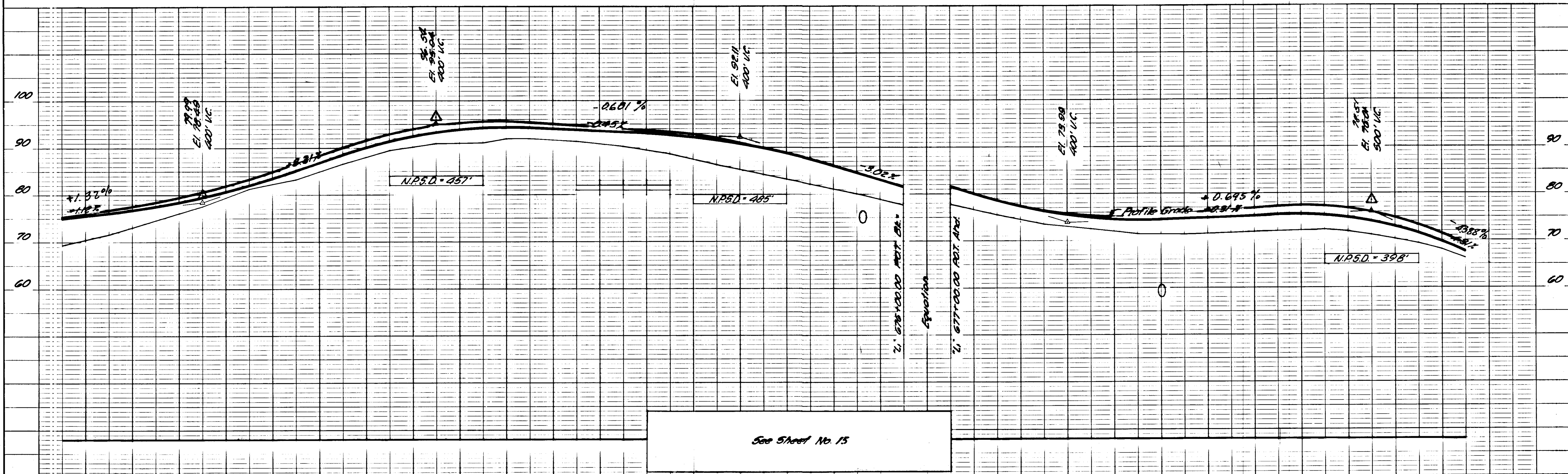
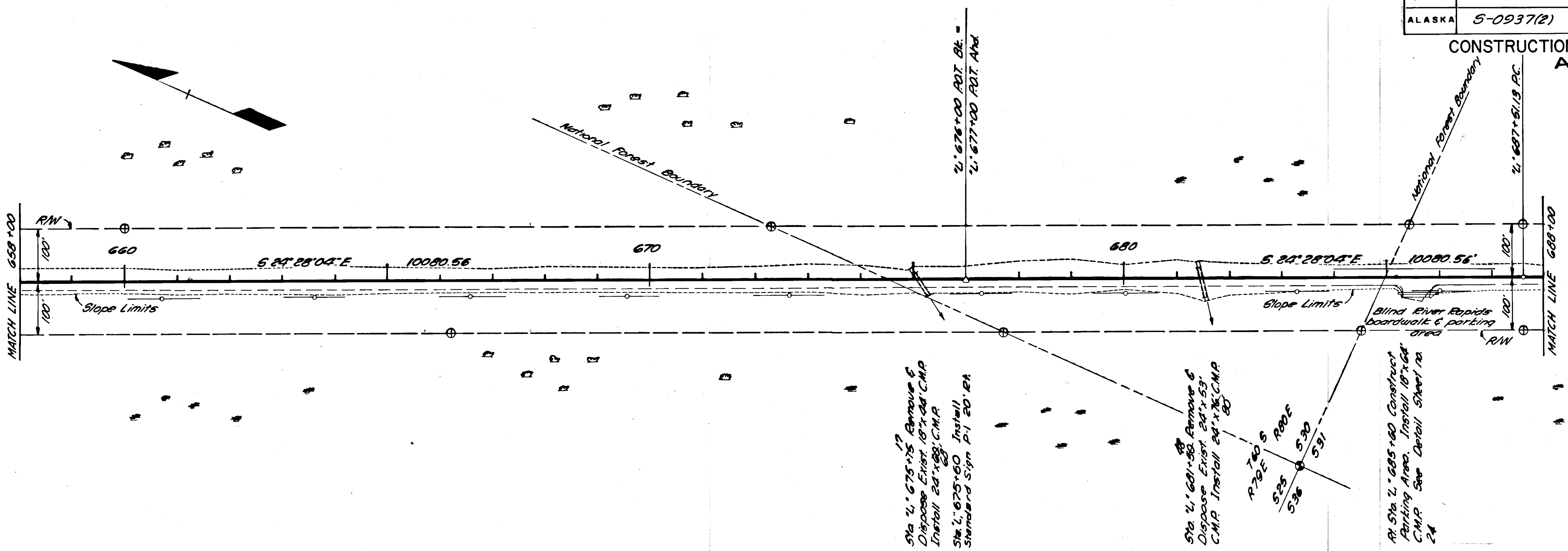
CONSTRUCTION PLAN
AS BUILT



See Sheet No. 15

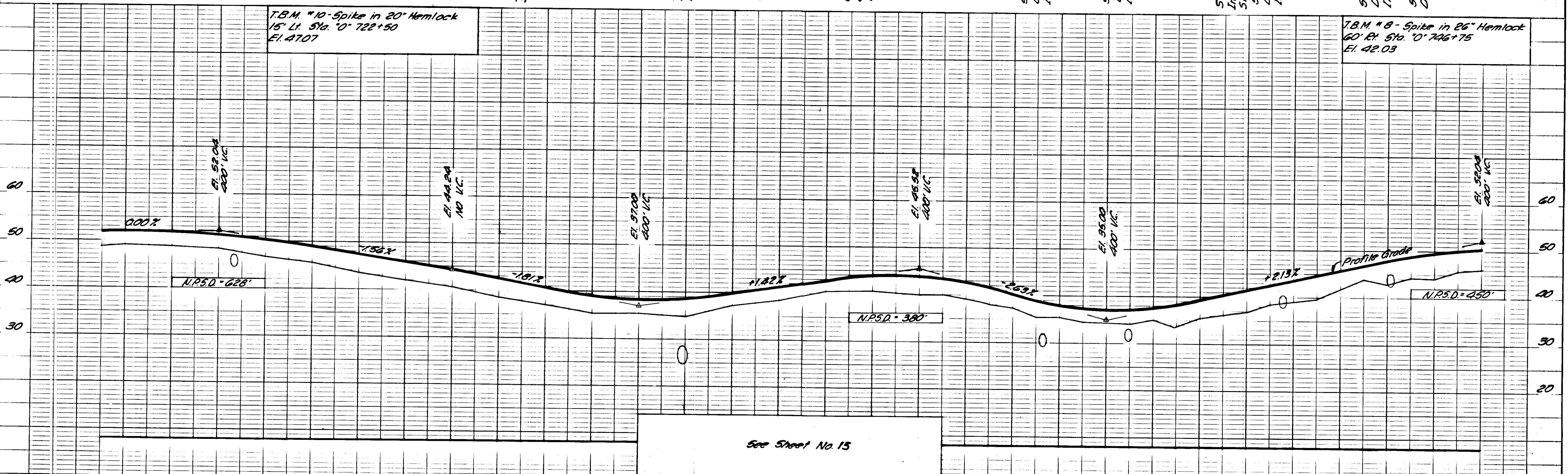
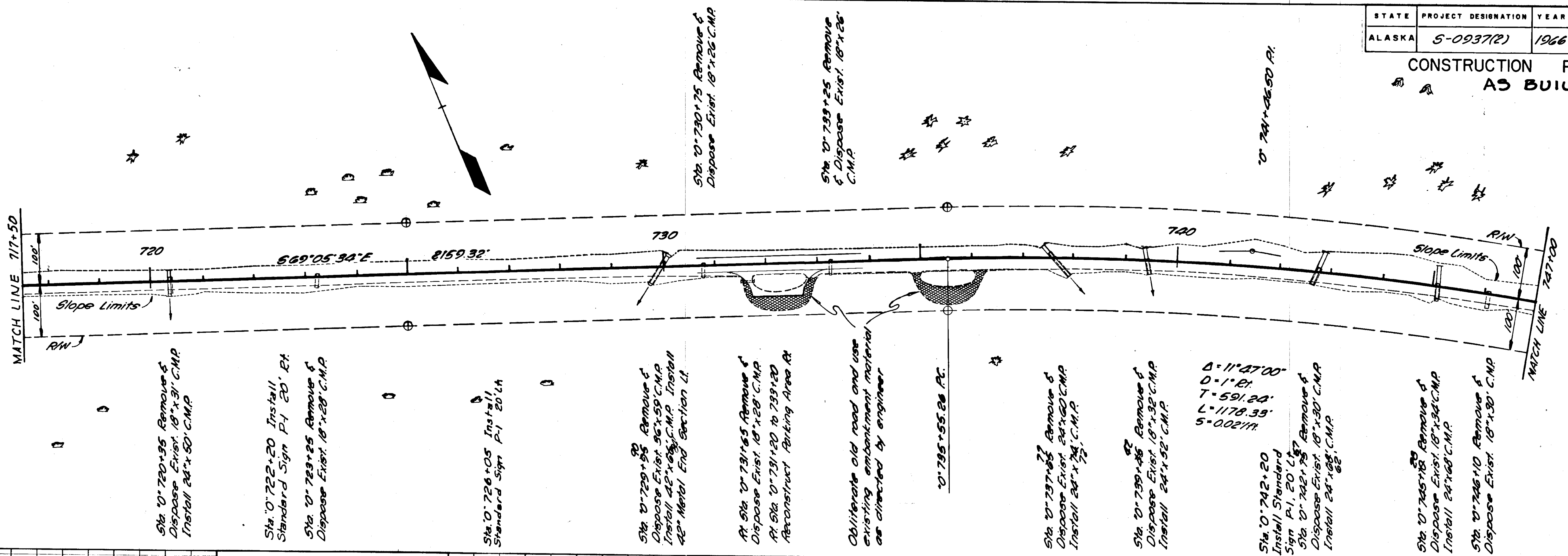
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	12	43

CONSTRUCTION PLAN AS BUILT



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0937(2)	1966	14	43

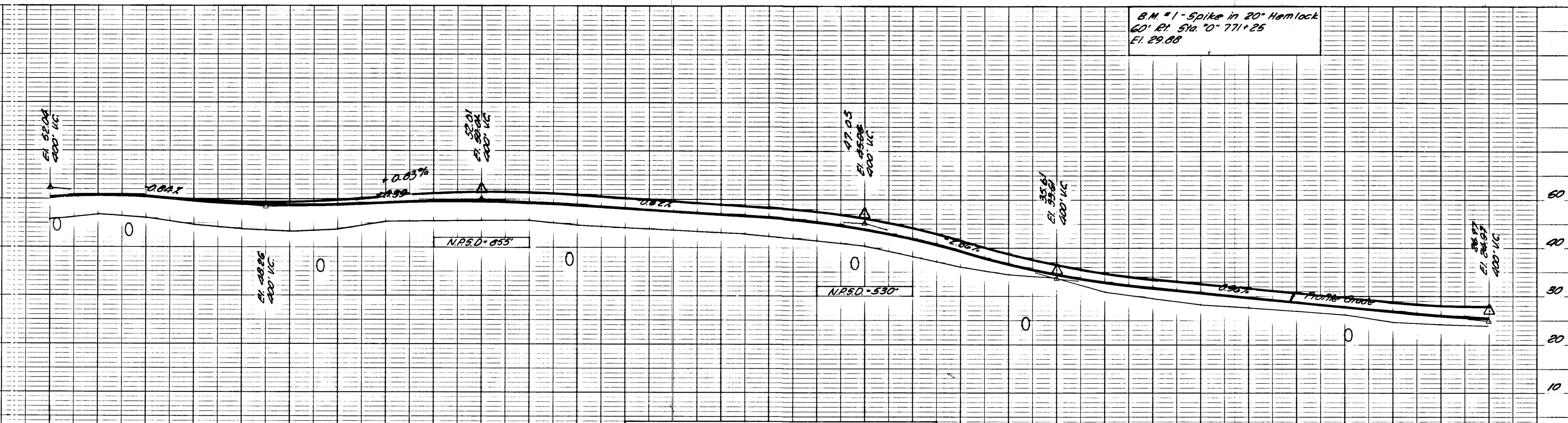
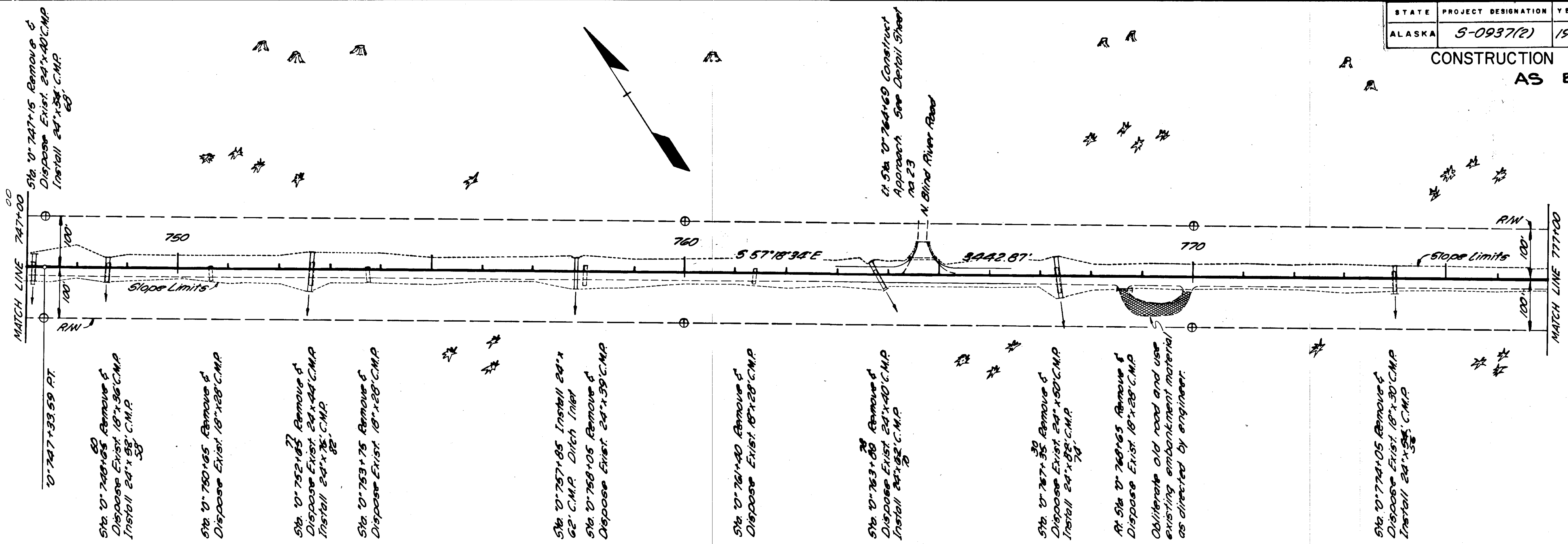
CONSTRUCTION PLAN
AS BUILT



See Sheet No. 15

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0937(2)	1966	15	43

CONSTRUCTION PLAN
AS BUILT



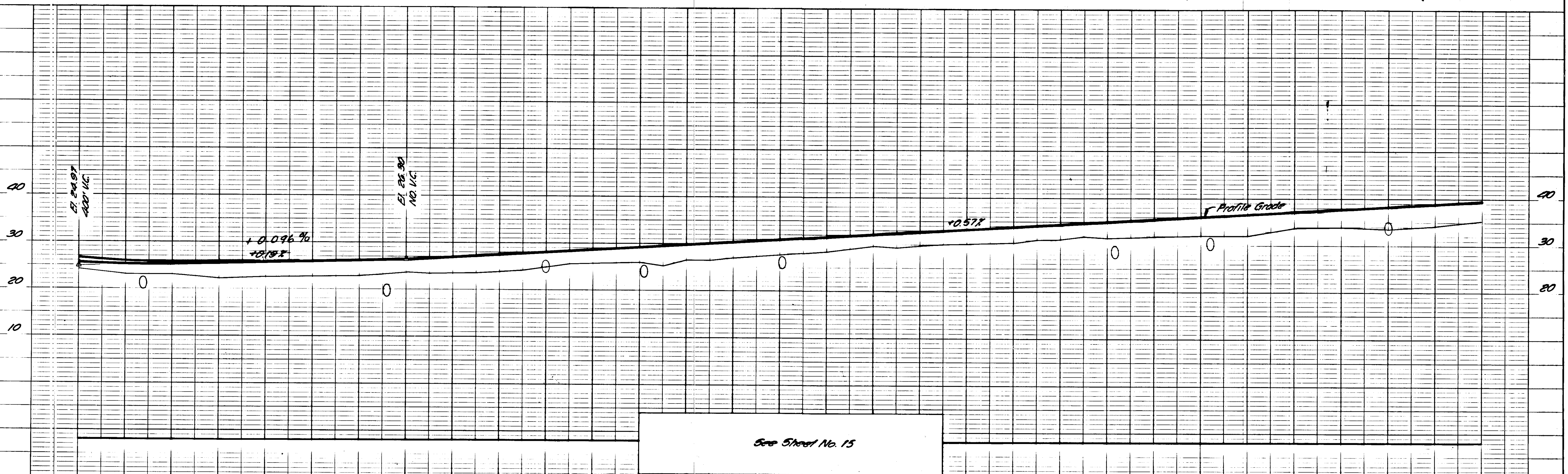
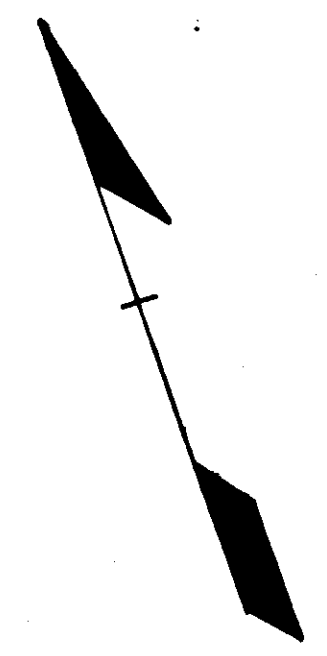
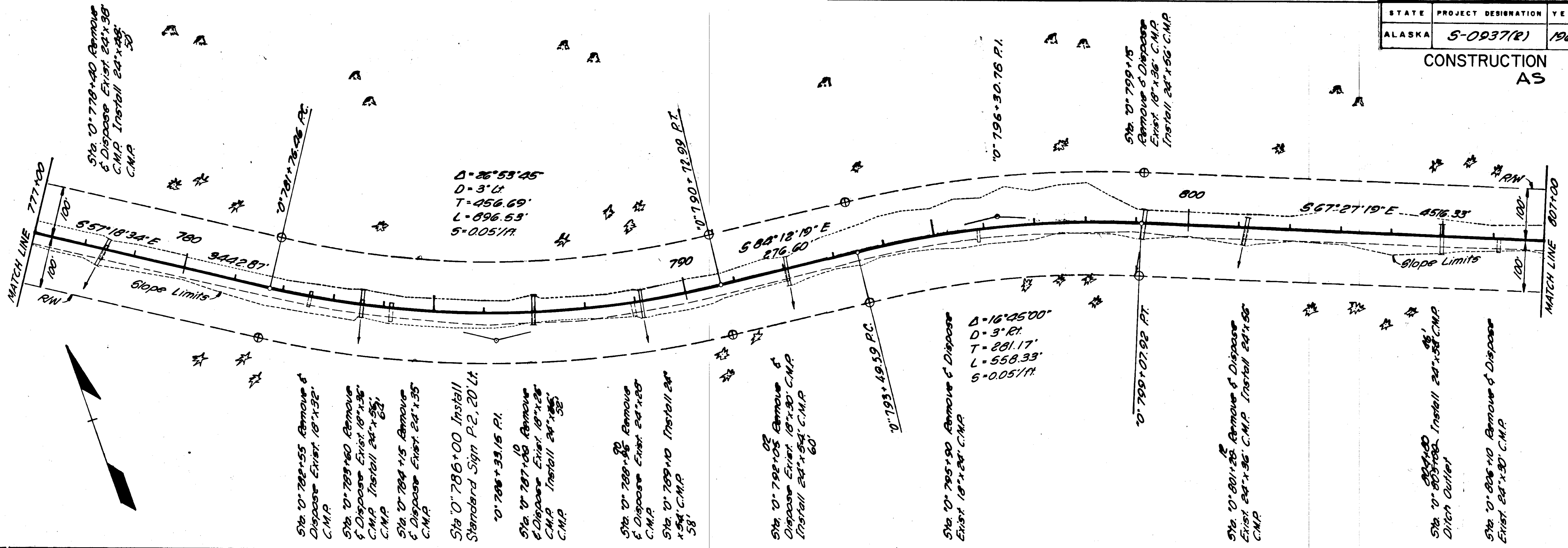
B.M. #1 - Spike in 20" Hemlock
60' Et. Sta. "0" 771+25
El. 29.88

Unclassified Excavation	55,630	①	Cu. Yd.
Embankment	206,609		Cu. Yd.
Borrow	302,997	②	Ton
Over-haul	318,923		Ton Mile
Subbase, Grading A	28,637		Ton

① Waste 55,630 Cu. Yds.
② Obtain from PI No. 937-005-3

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(R)	1966	16	43

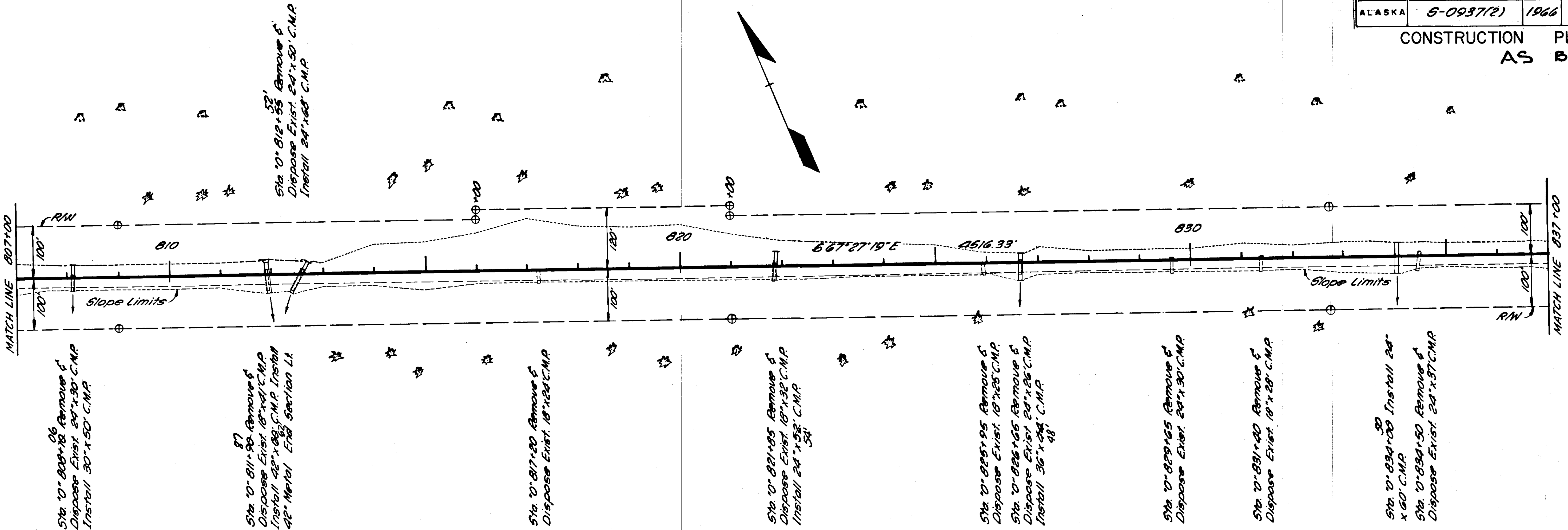
CONSTRUCTION PLAN AS BUILT



See Sheet No. 15

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	17	43

CONSTRUCTION PLAN
AS BUILT



86
Sta. 10° 809+70 Remove 5'
Dispose Exist. 24"x30" C.M.P.
Install 30"x50" C.M.P.

87
Sta. 10° 811+90 Remove 5'
Dispose Exist. 18"x24" C.M.P.
Install 42"x80" C.M.P. Install
42" Metal End Section Lt.

Sta. 10° 817+20 Remove 5'
Dispose Exist. 18"x24" C.M.P.

Sta. 10° 821+95 Remove 5'
Dispose Exist. 18"x32" C.M.P.
Install 24"x52" C.M.P.
54'

Sta. 10° 825+95 Remove 5'
Dispose Exist. 18"x25" C.M.P.

Sta. 10° 826+65 Remove 5'
Dispose Exist. 24"x26" C.M.P.
Install 36"x48" C.M.P.
48'

Sta. 10° 829+65 Remove 5'
Dispose Exist. 24"x30" C.M.P.

Sta. 10° 831+20 Remove 5'
Dispose Exist. 18"x28" C.M.P.

Sta. 10° 834+00 Install 24"
x 60" C.M.P.

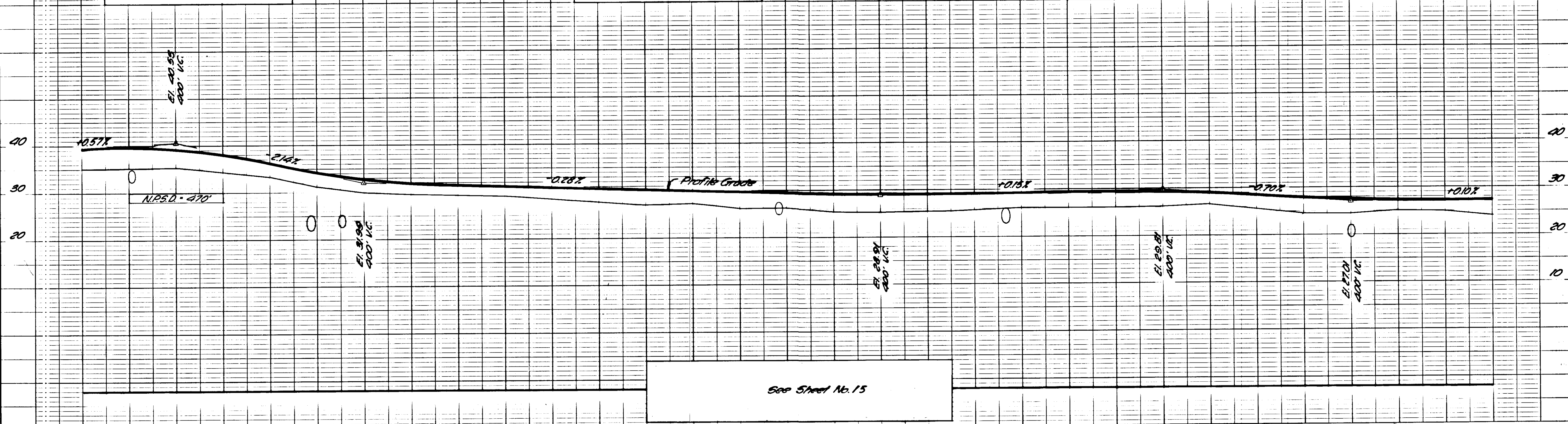
Sta. 10° 836+50 Remove 5'
Dispose Exist. 24"x37" C.M.P.

T.B.M. #4 - Spike in 42" Spruce
60' Et. Sta. 10° 809+70
El. 57.28

T.B.M. #3 - Spike in 42" Spruce
60' Et. Sta. 10° 819+25
El. 27.21

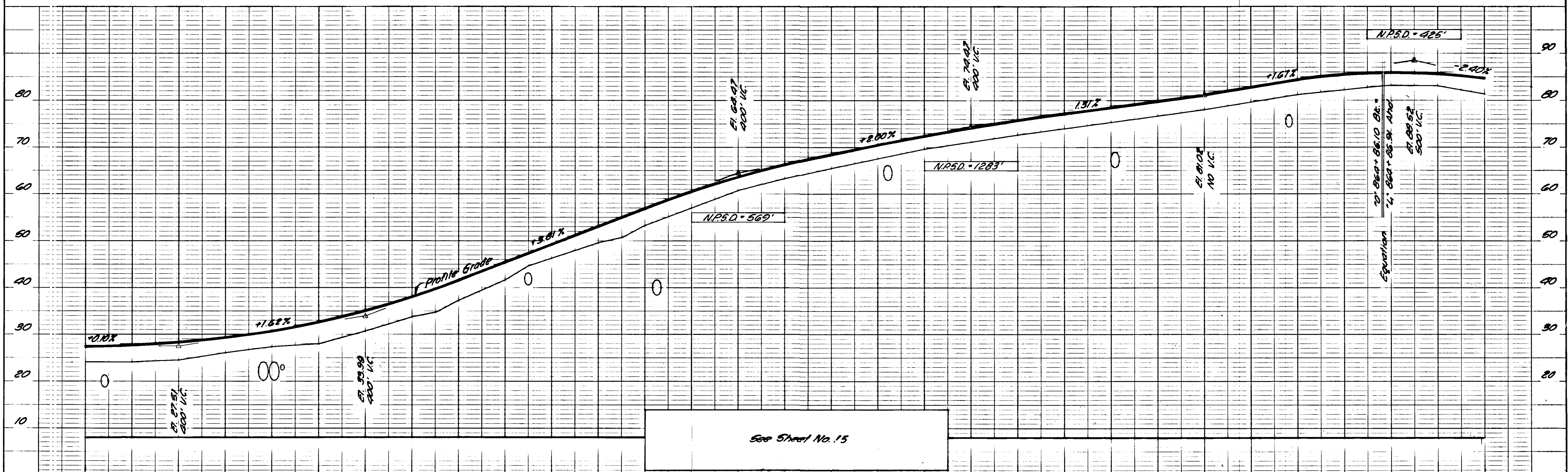
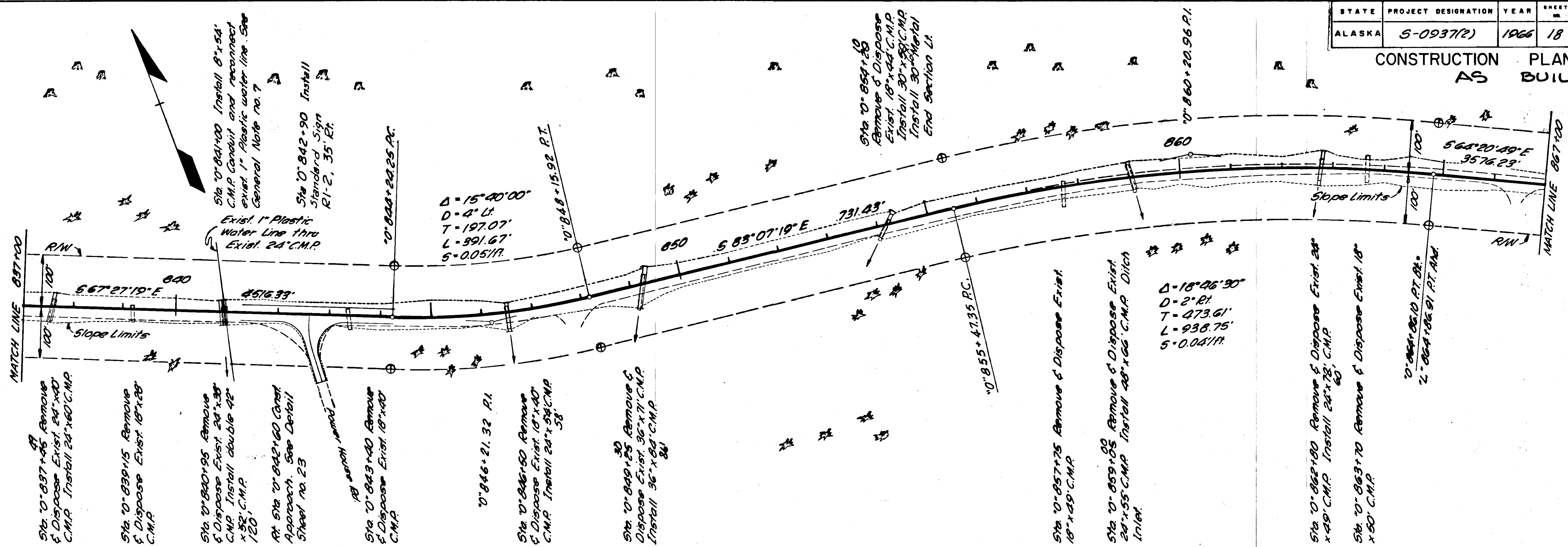
T.B.M. #2 - Spike in 36" Spruce
40' Et. Sta. 10° 829+50
El. 27.24

T.B.M. #1 - Spike in 24" Spruce
50' Lt. Sta. 10° 836+00
El. 26.72



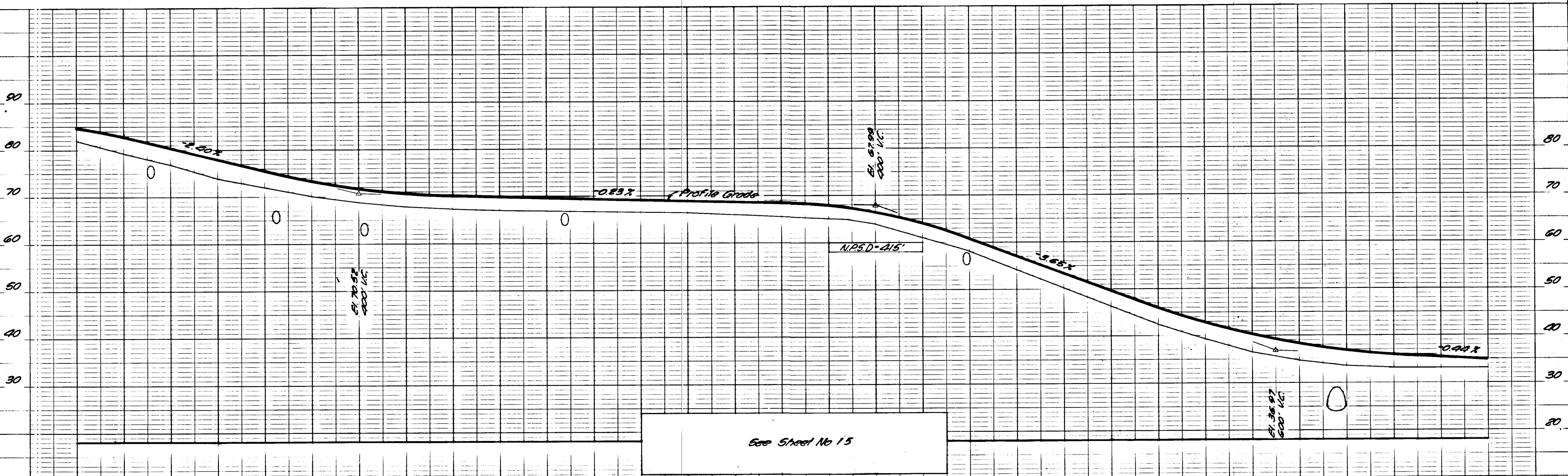
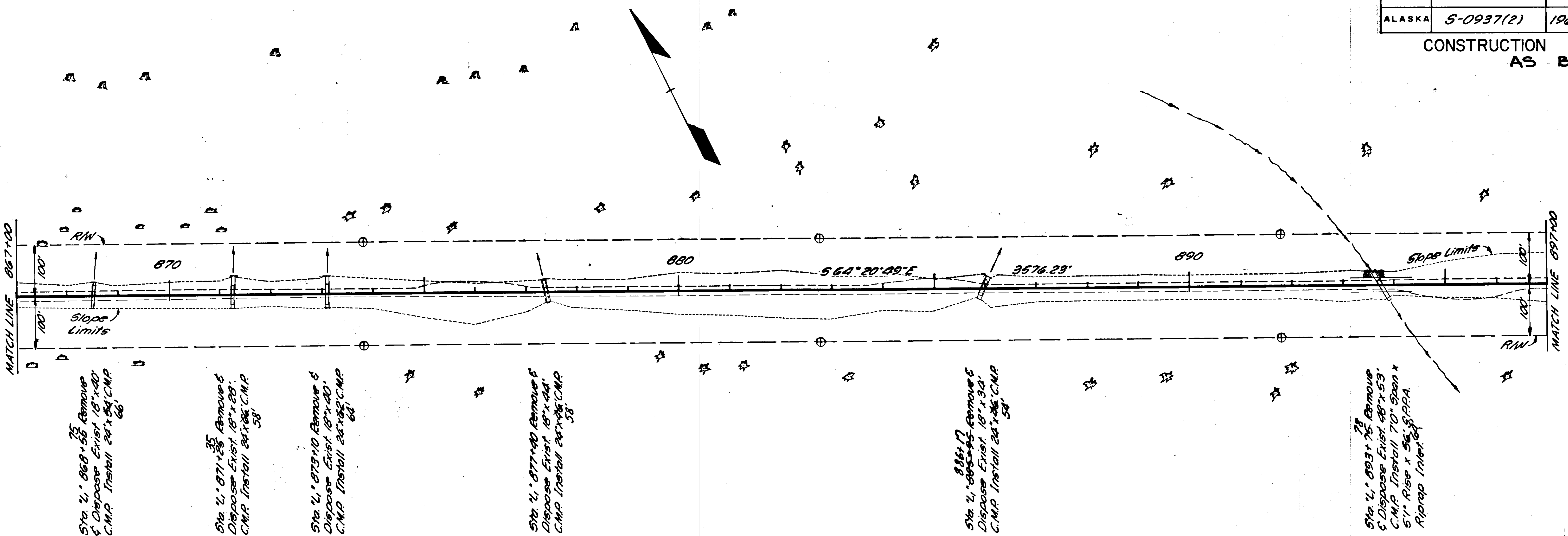
STATE	PROJECT DESIGNATION	YEAR	SHEET #	TOTAL SHEETS
ALASKA	S-0937(2)	1966	18	43

CONSTRUCTION PLAN
AS BUILT



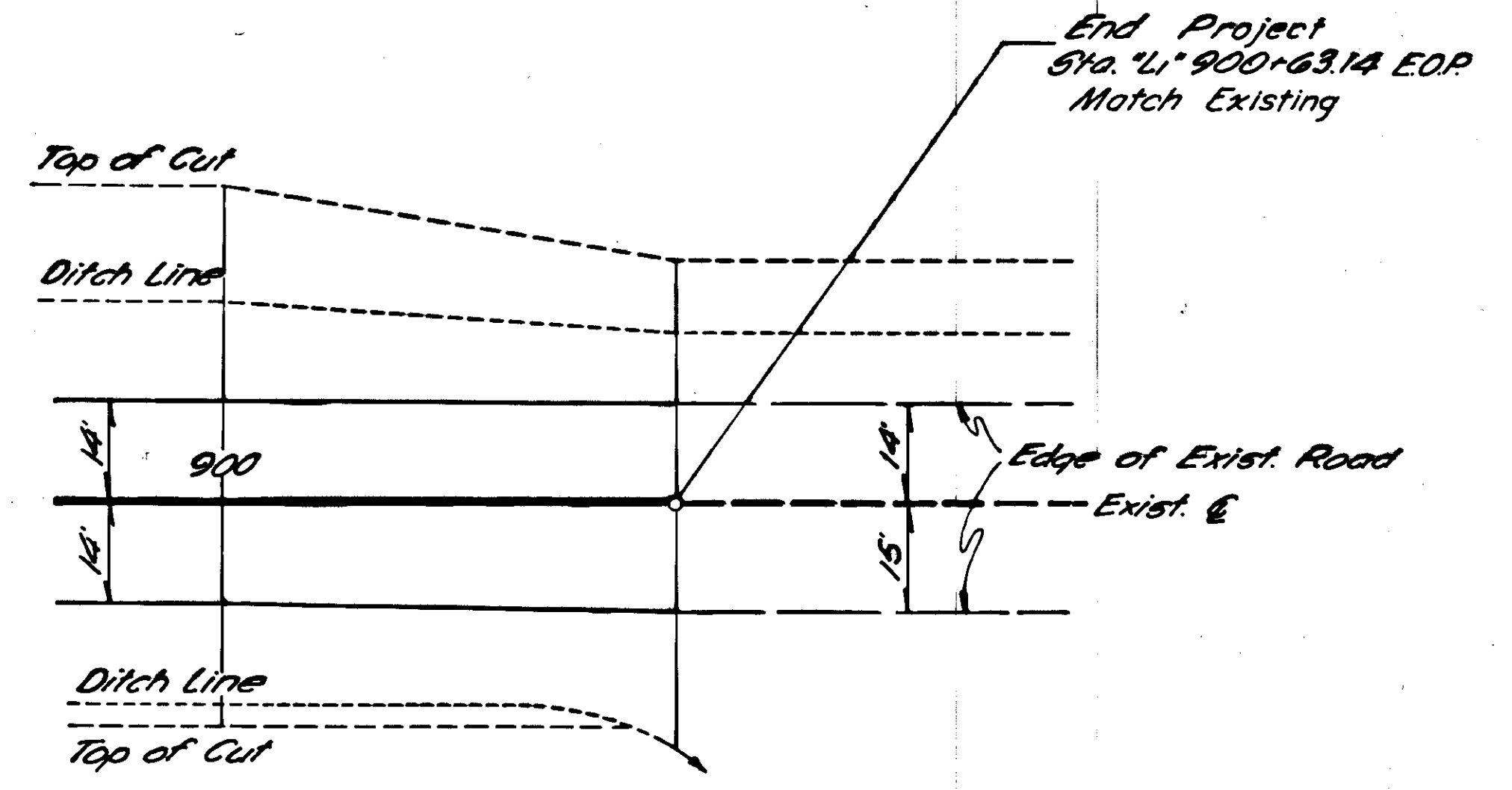
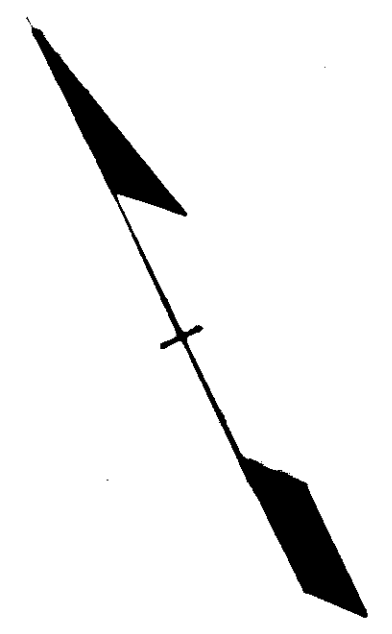
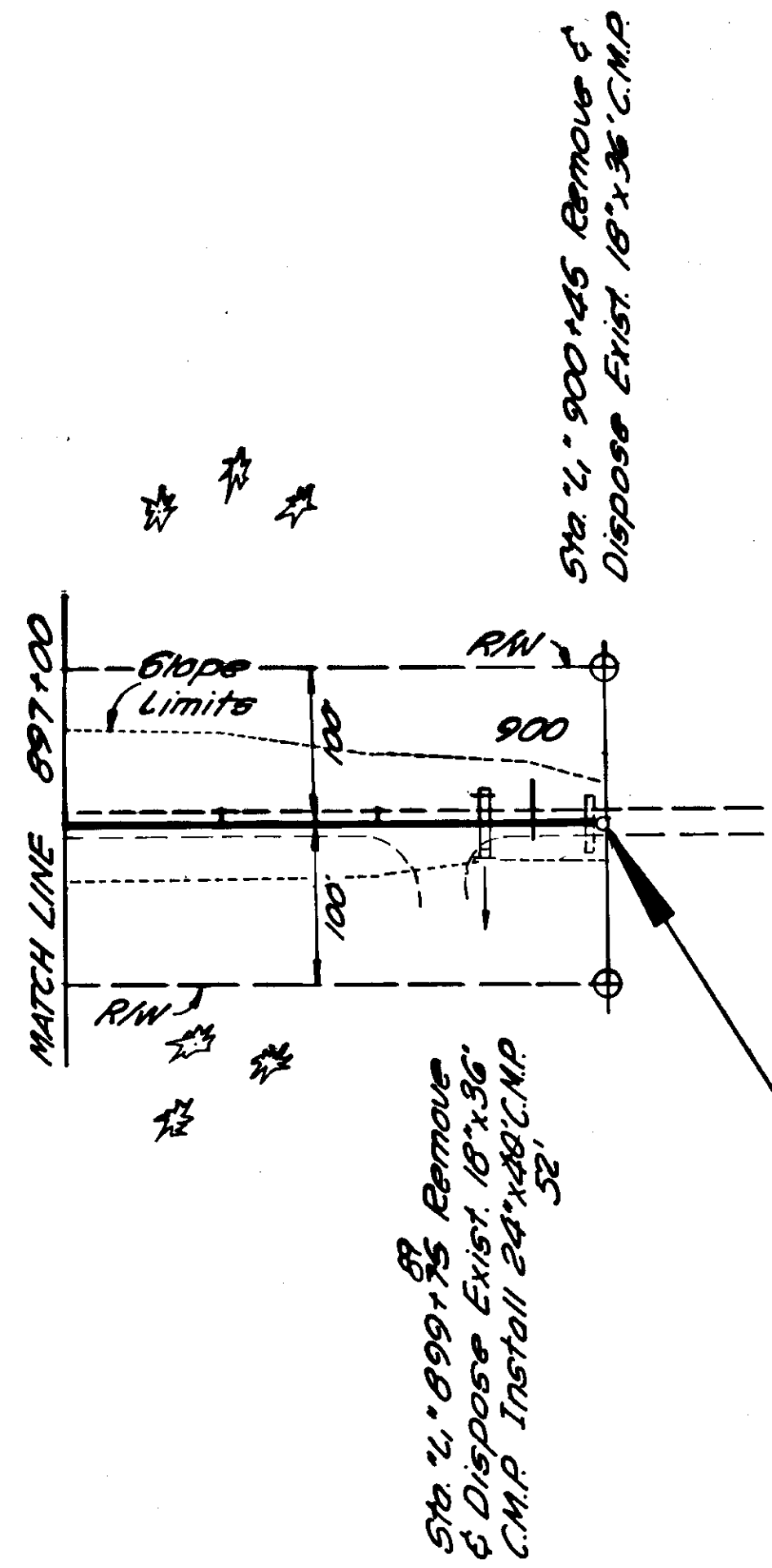
STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	19	43

CONSTRUCTION PLAN
AS BUILT



STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0937(2)	1966	20	43

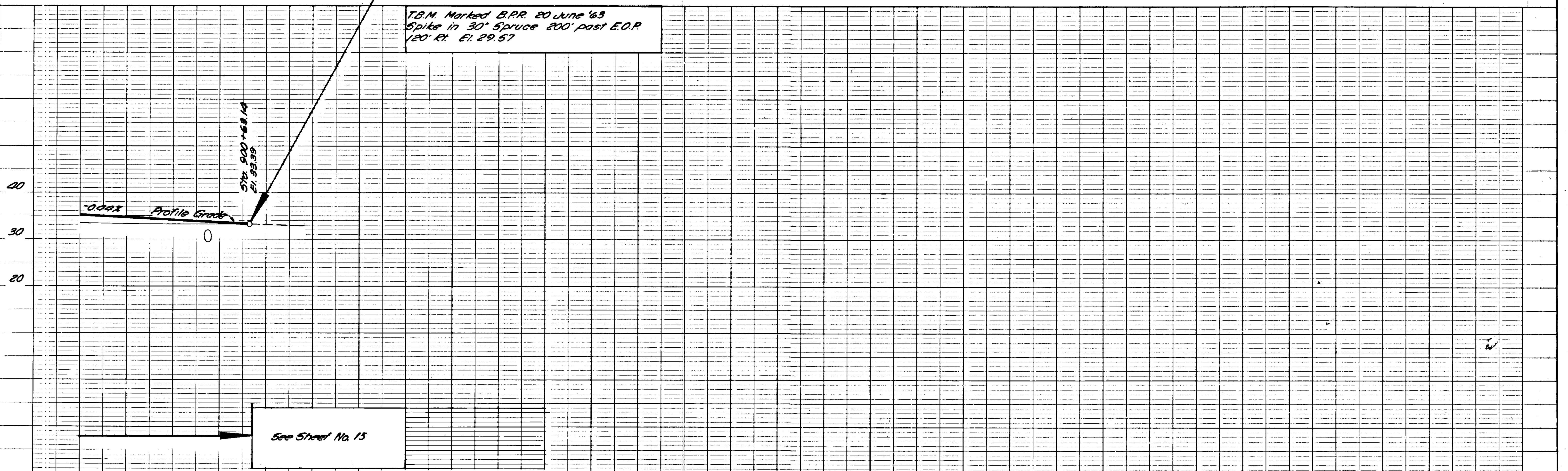
CONSTRUCTION PLAN
AS BUILT



DETAIL AT E.O.P.

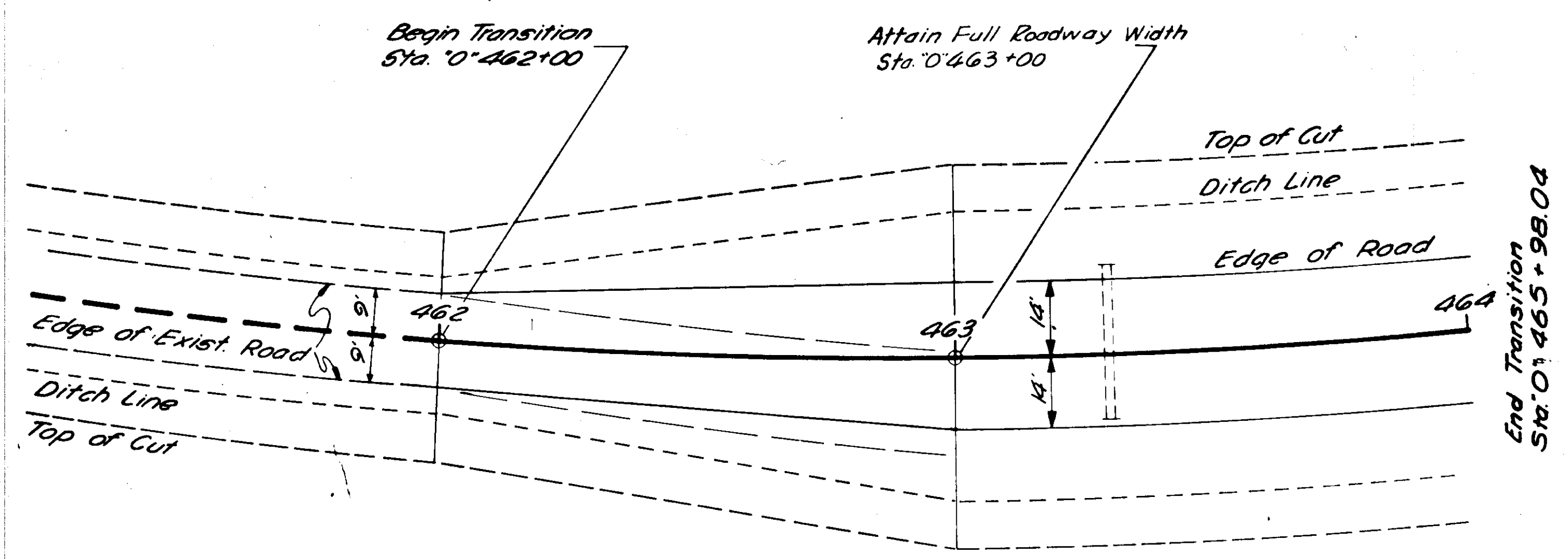
END OF PROJECT
S-0937(6)
STA. "Li" 900+63.14

T.B.M. Marked B.P.R. 20 June '63
Spike in 30" Spruce 200' past E.O.P.
120' Rt. El. 29.57

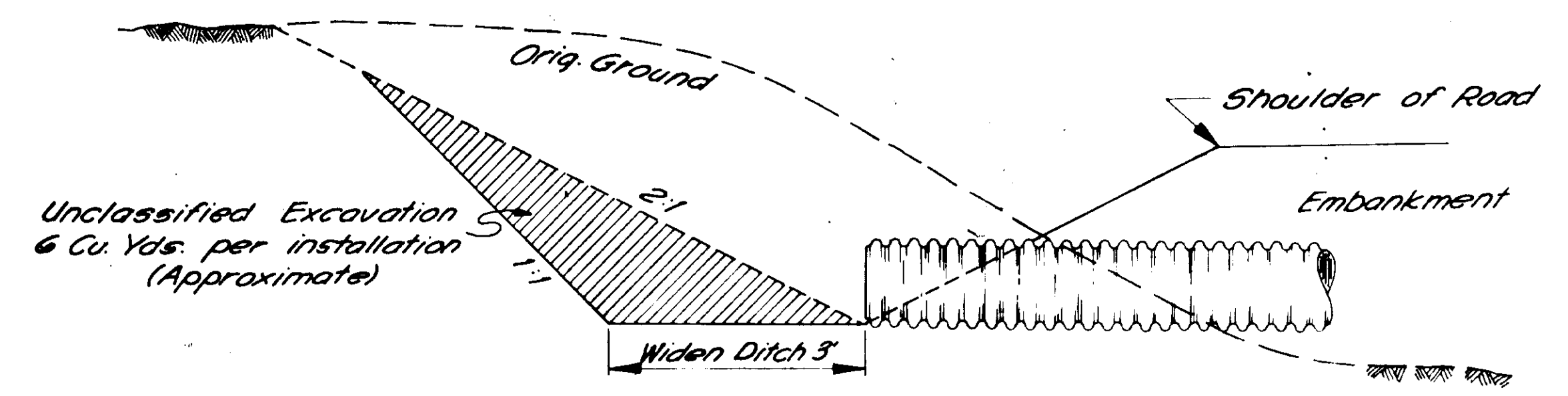


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0937(2)	1966	21	43

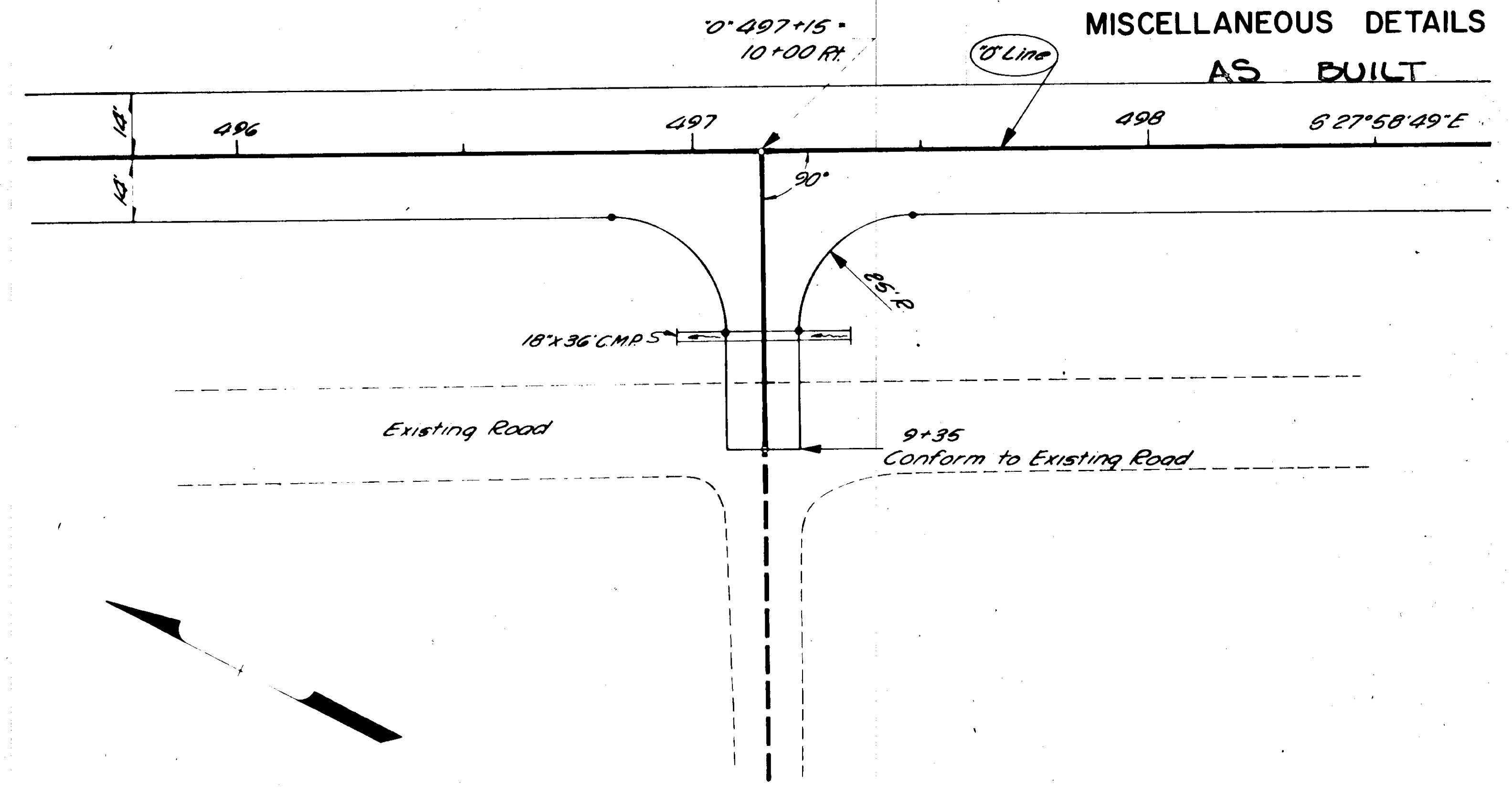
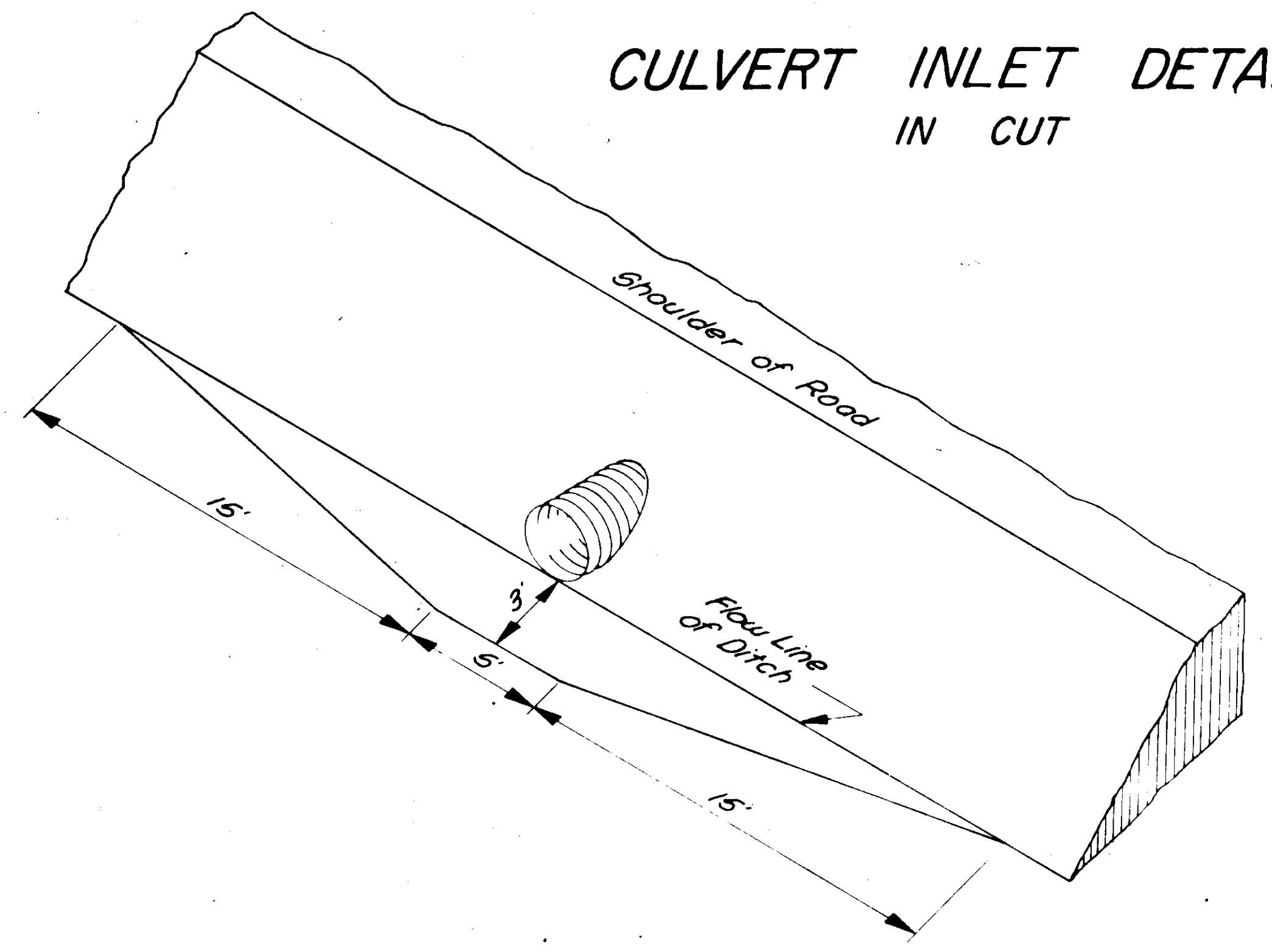
INTERSECTION PLAN & MISCELLANEOUS DETAILS
AS BUILT



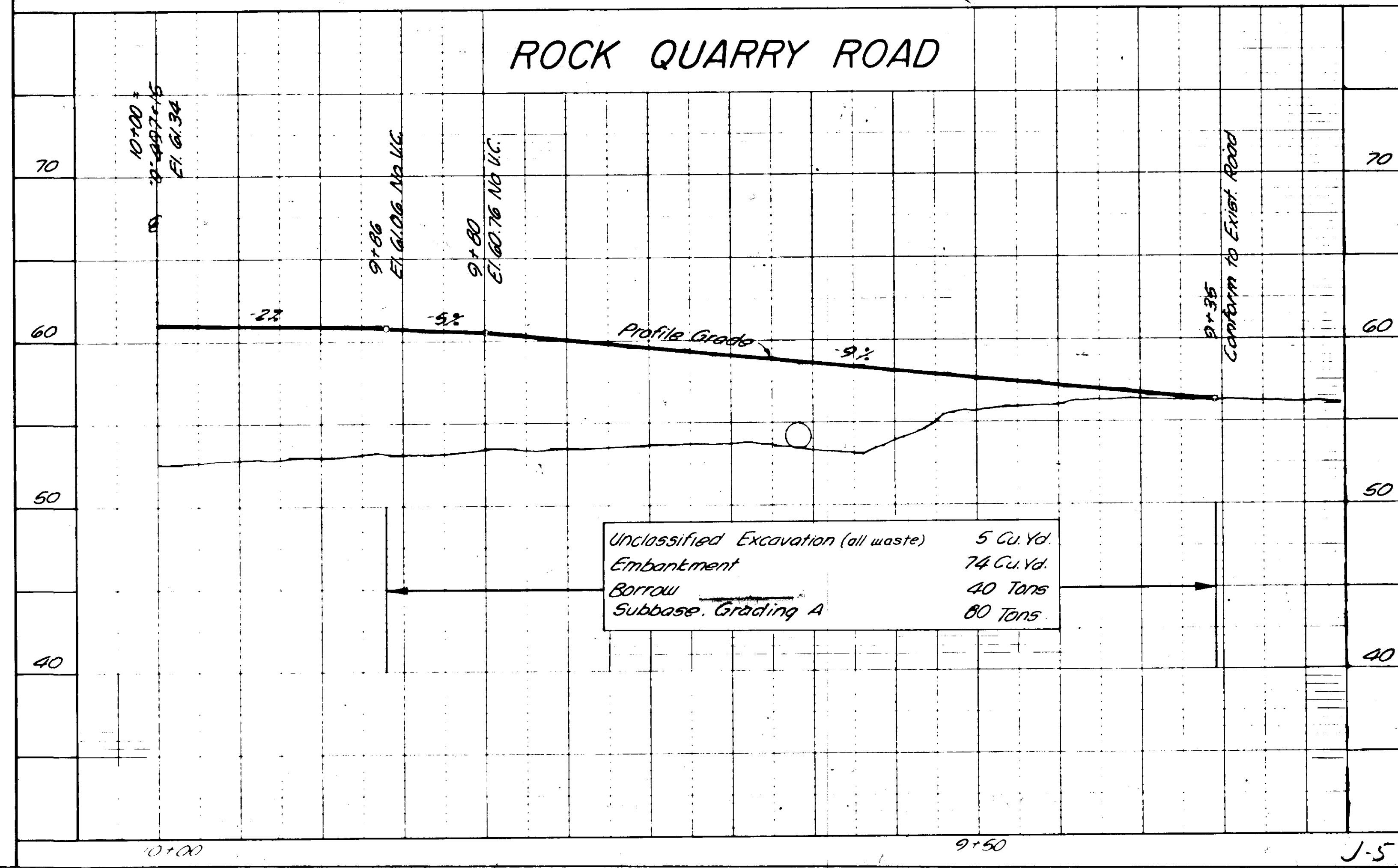
TRANSITION DETAIL B.O.P.



CULVERT INLET DETAILS IN CUT

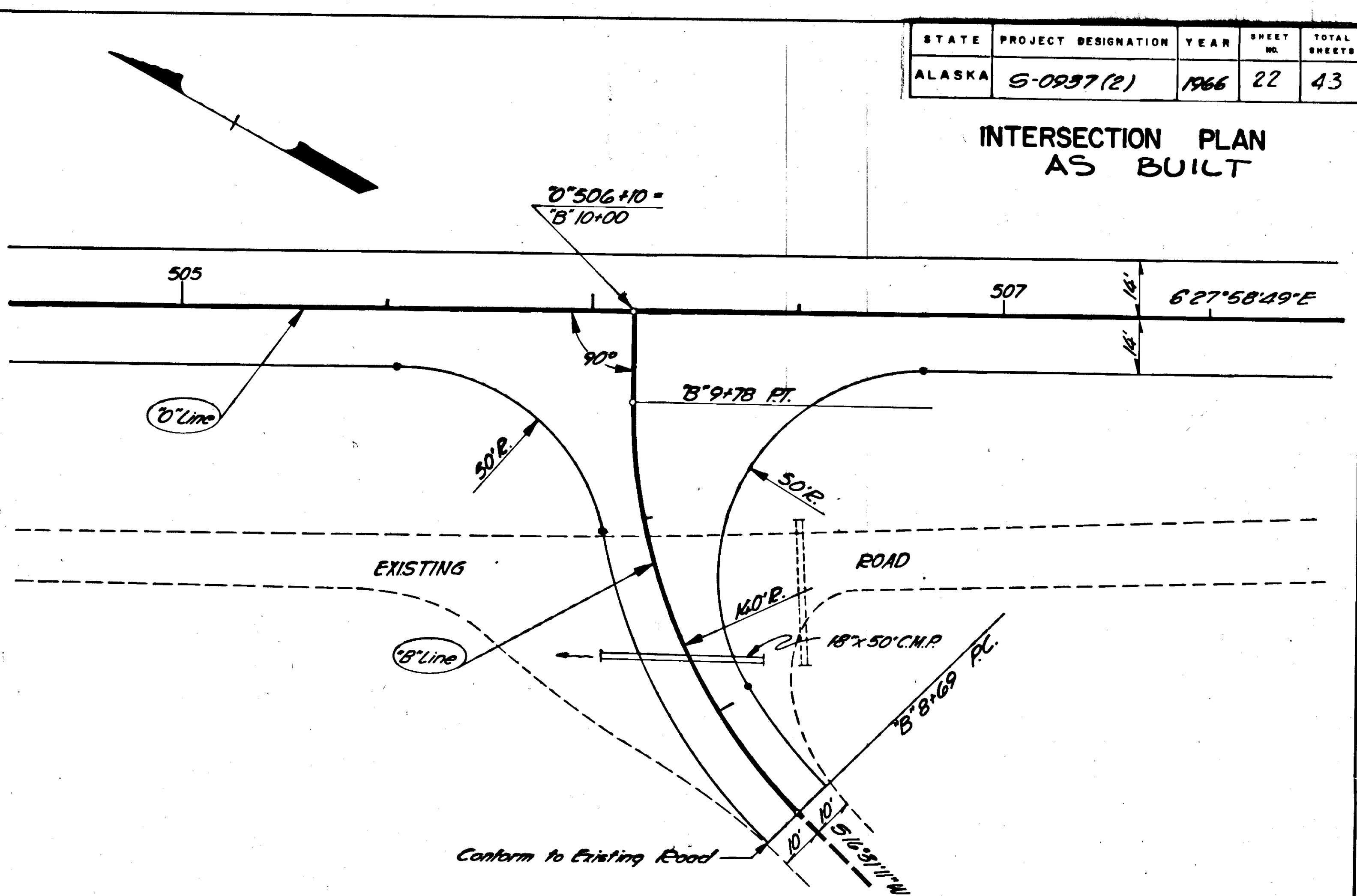
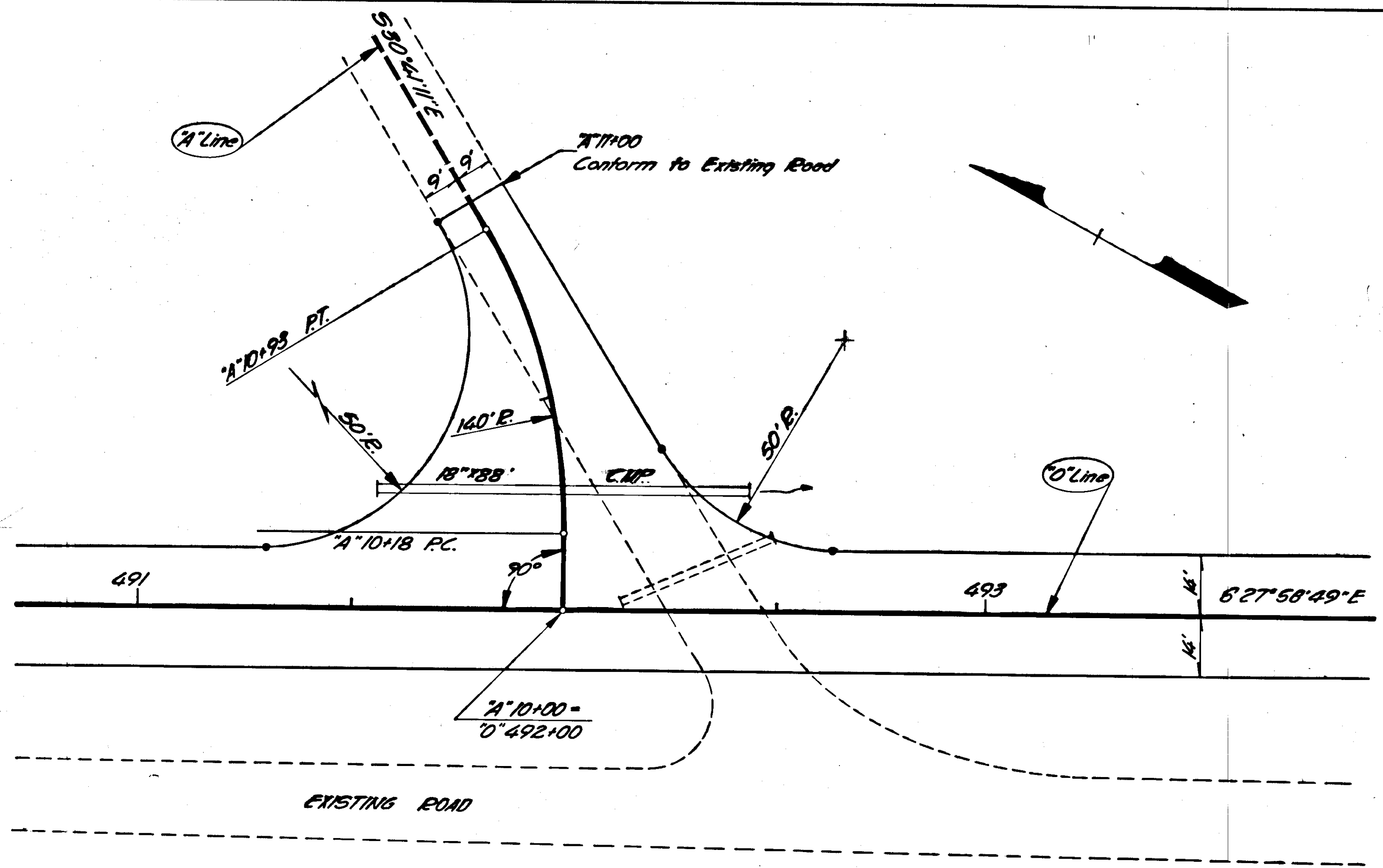


ROCK QUARRY ROAD

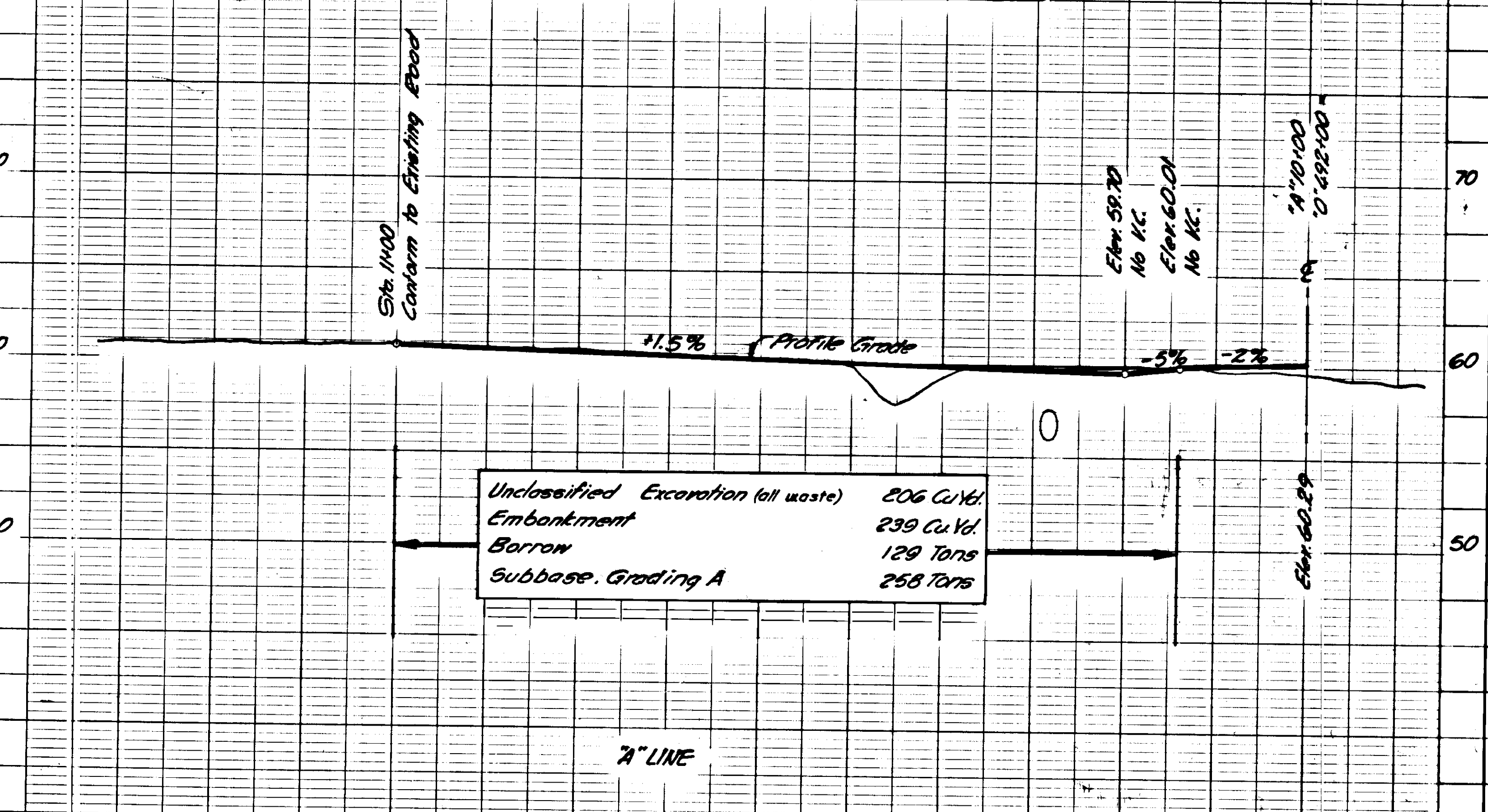


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	S-0937(2)	1966	22	43

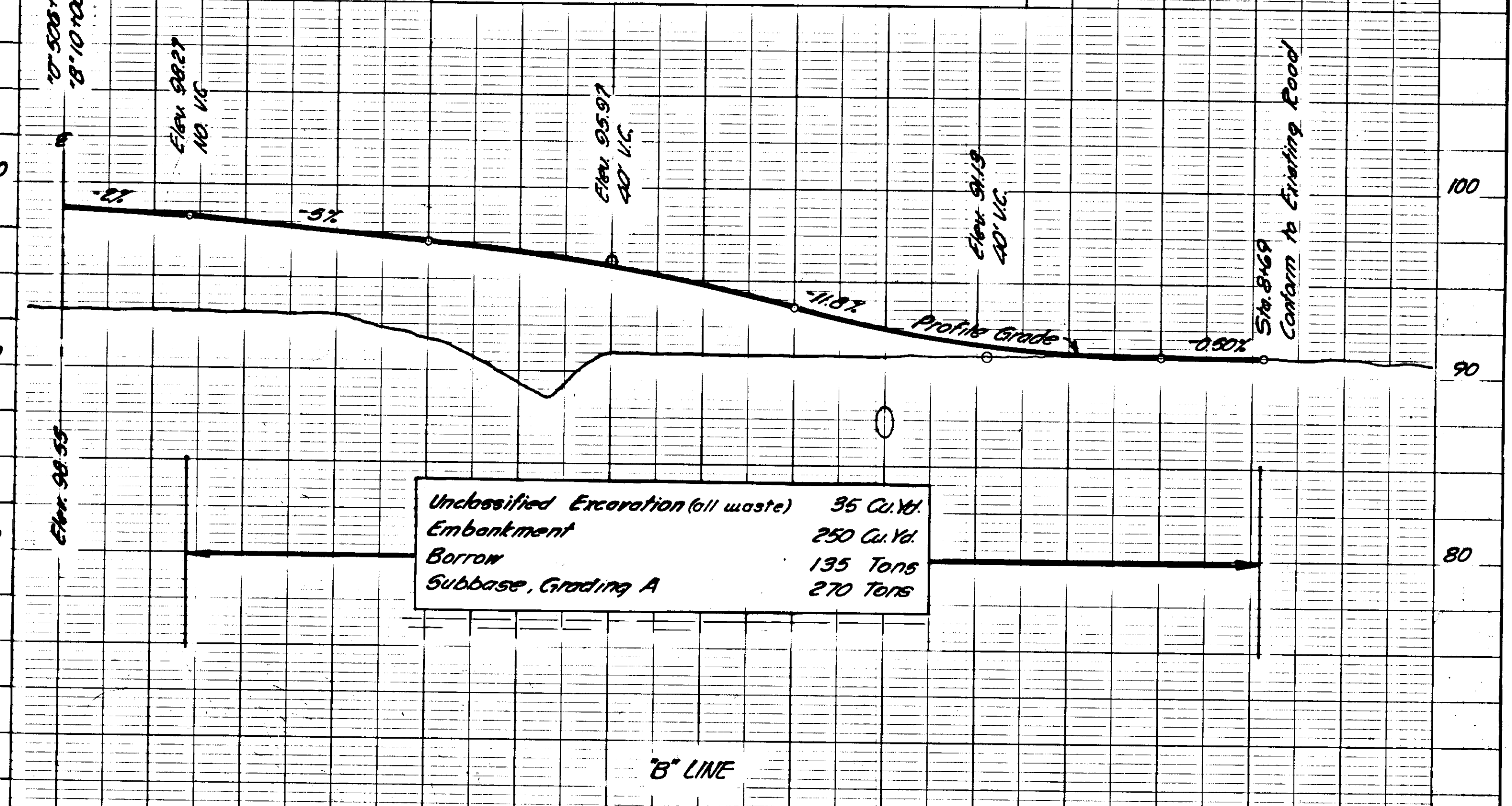
INTERSECTION PLAN
AS BUILT



FALLS CREEK ROAD

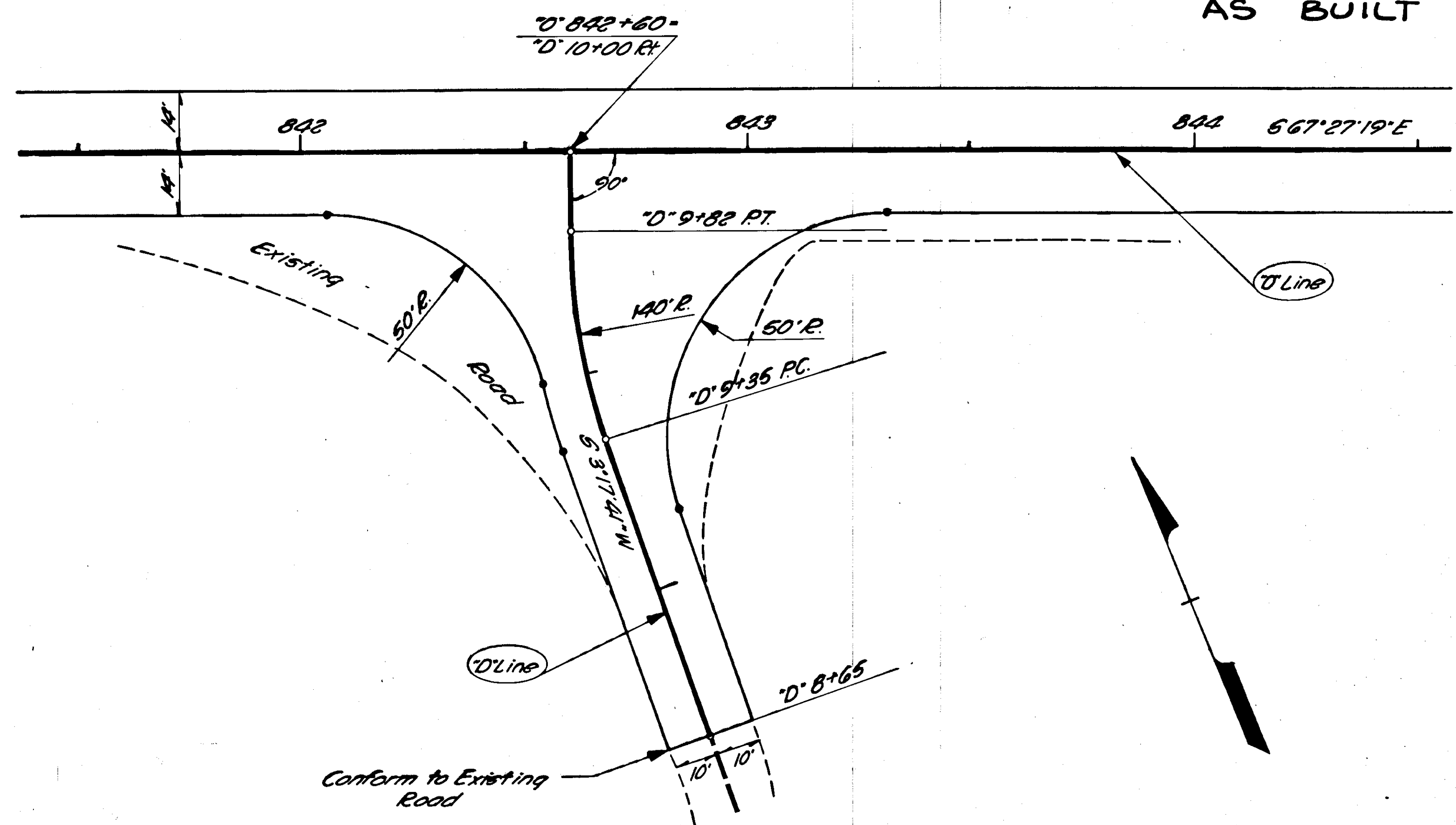
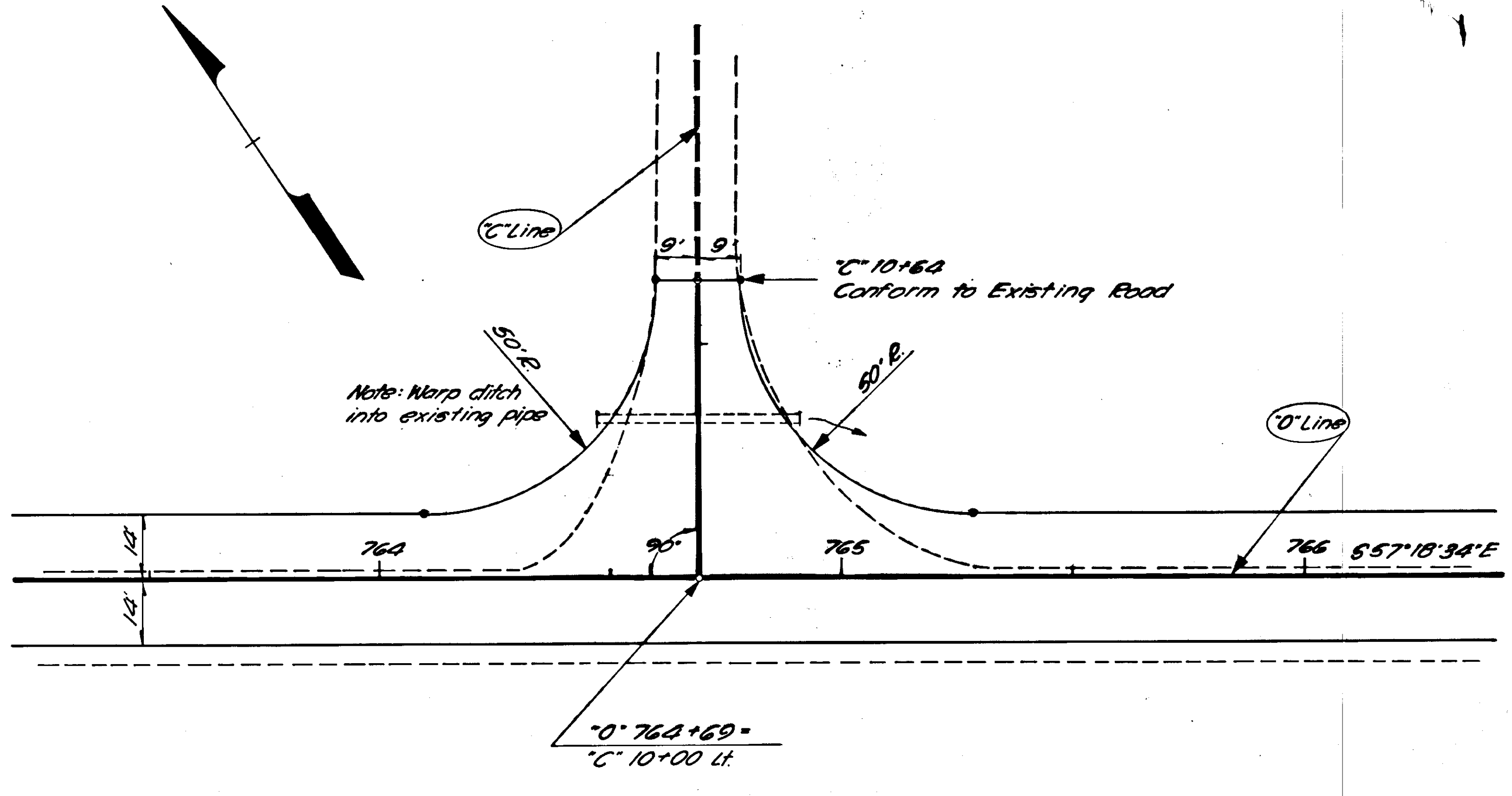


PAPKE'S LANDING ROAD

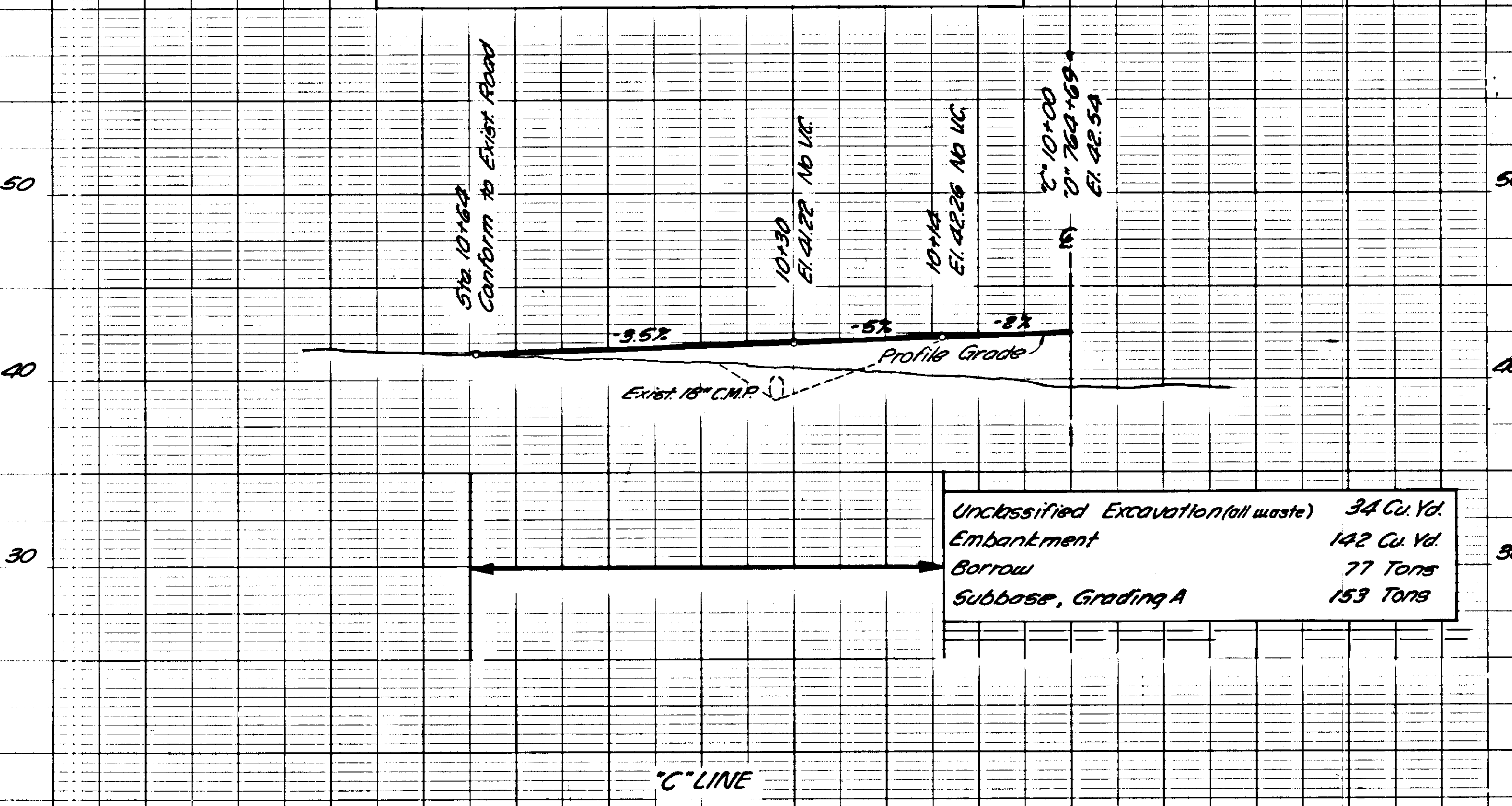


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	6-0937(2)	1966	23	43

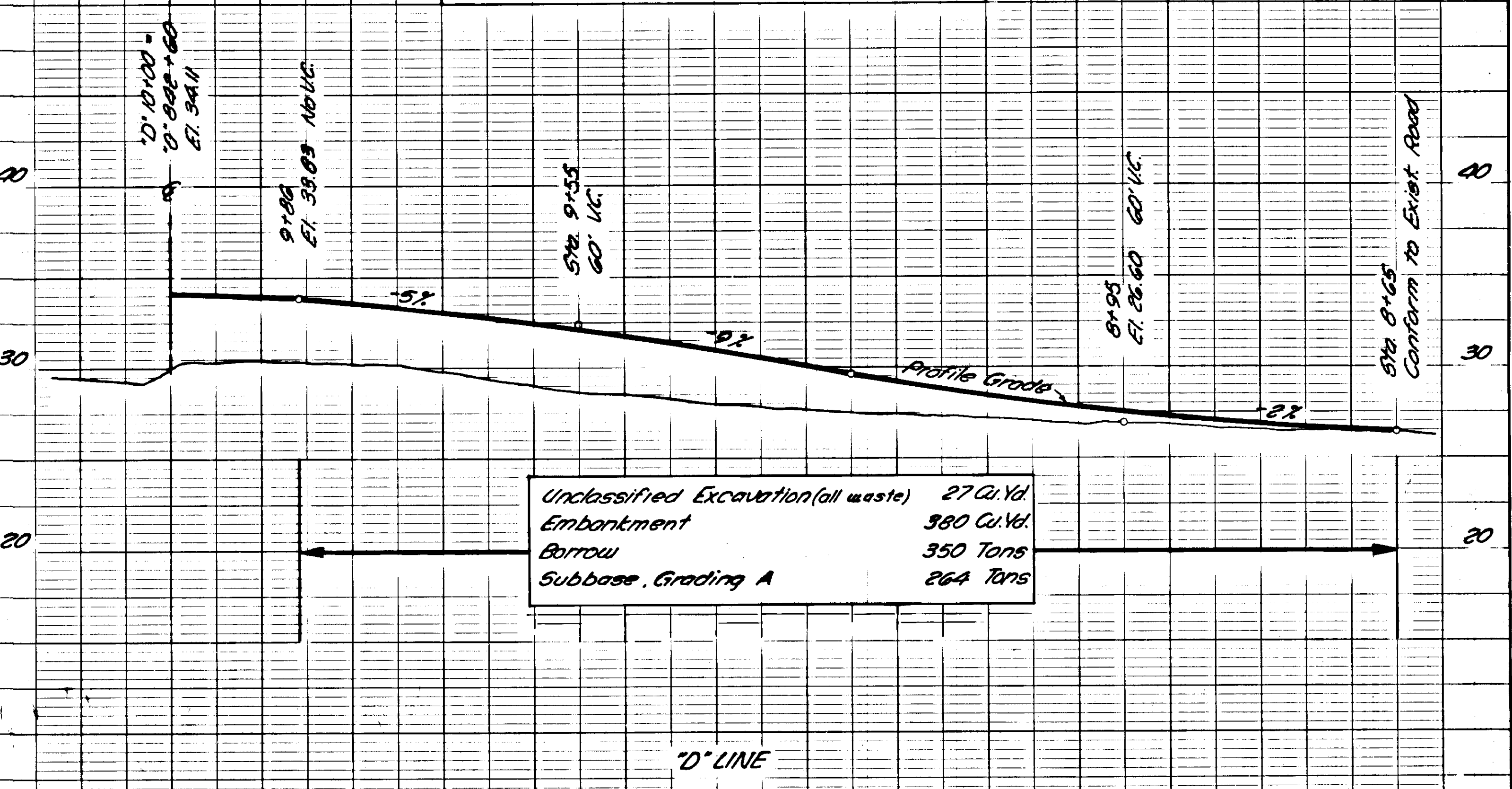
INTERSECTION PLAN
AS BUILT



NORTH BLIND RIVER ROAD

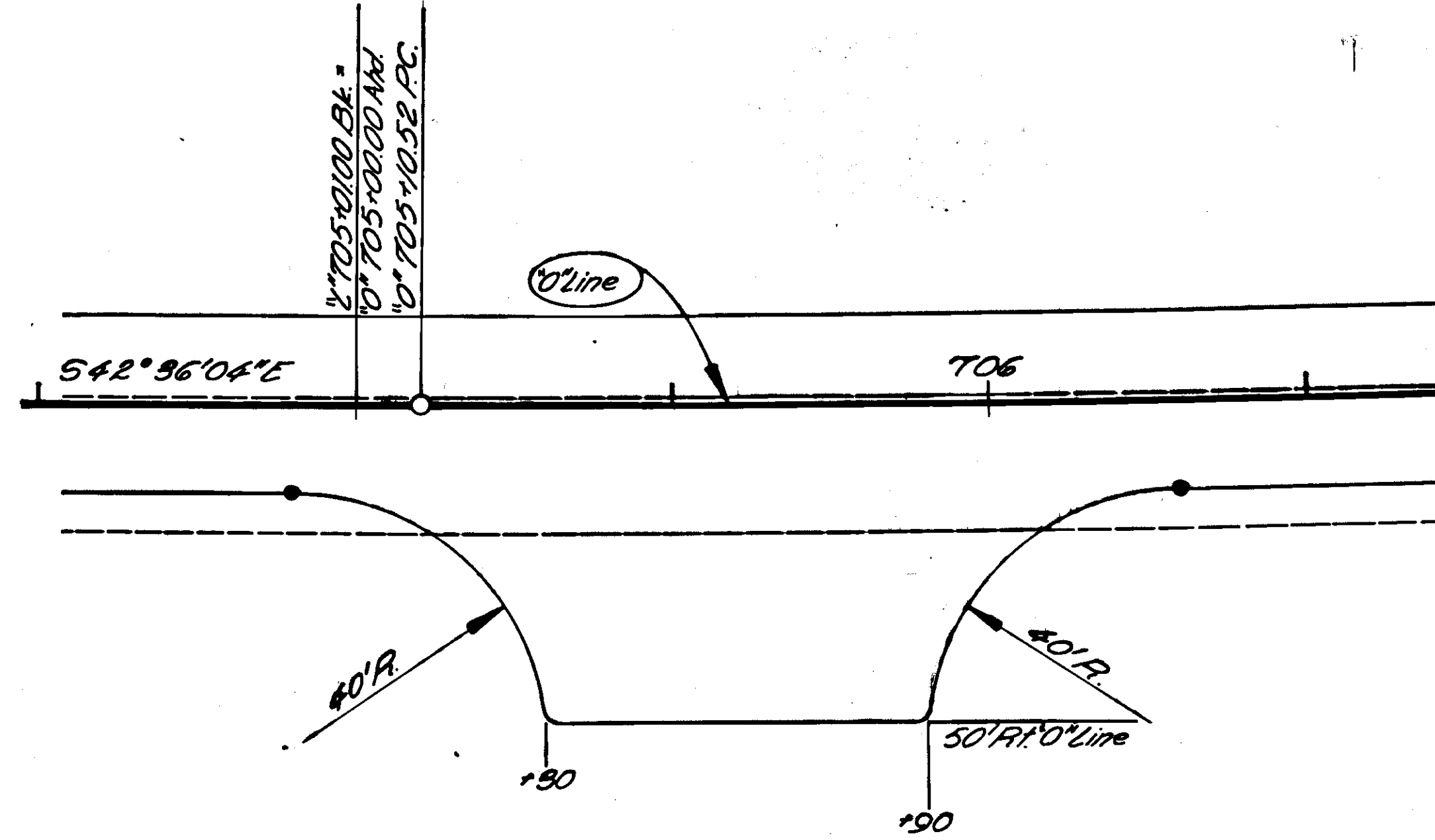


POWER HOUSE ROAD

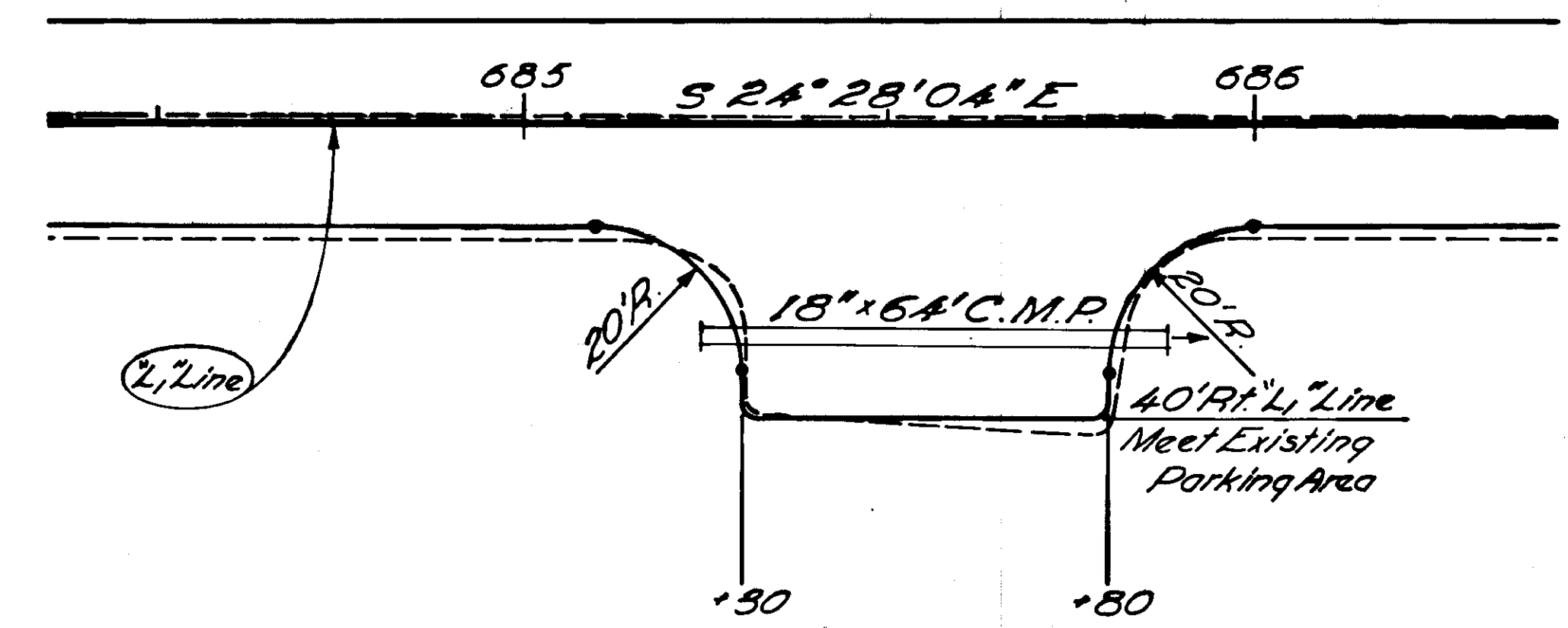


STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	5-0937(2)	1966	24	43

PARKING AREA PLAN
AS BUILT

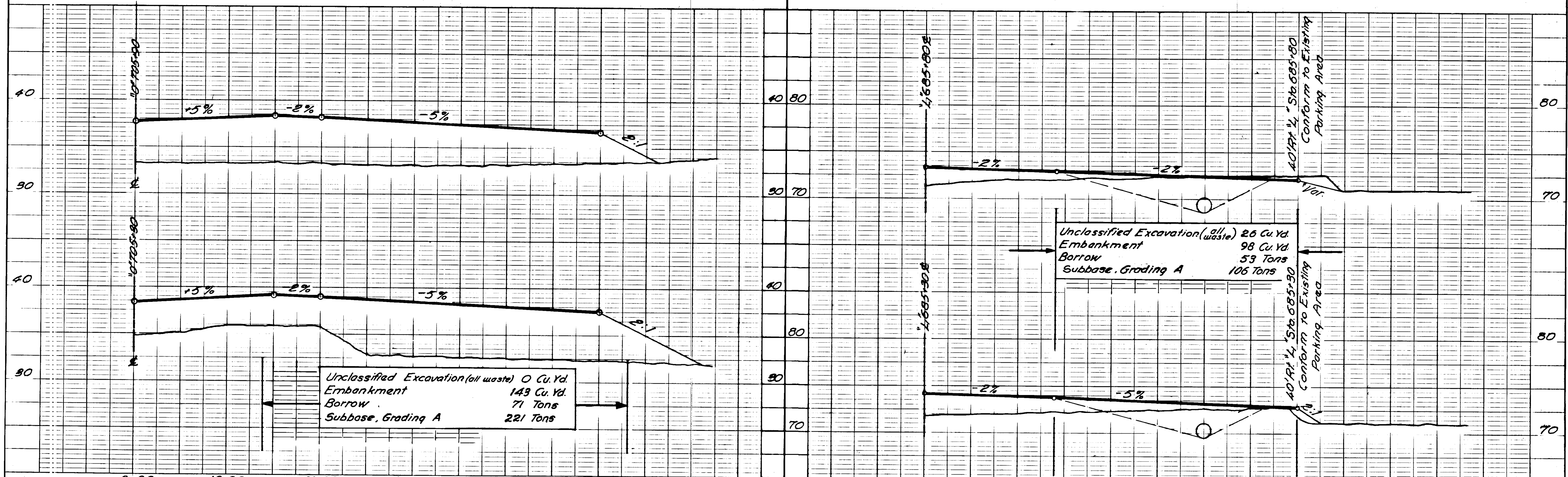


BLIND ISLAND PICNIC GROUND
PARKING AREA



BLIND RIVER RAPIDS BOARDWALK
PARKING AREA

Note: Parking areas to be surfaced with the same thickness of structural section as approach



Missing pages 26-43.