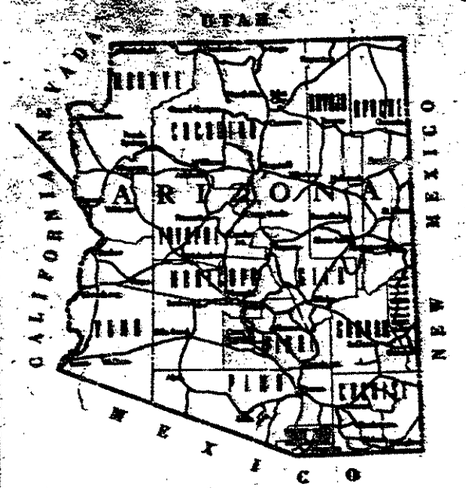


STATE OF ARIZONA
STATE HIGHWAY DEPARTMENT

PLAN AND PROFILE OF PROPOSED

COUNTY HIGHWAY

KITT PEAK OBSERVATORY ROAD

PIMA COUNTY

S-446 (1)

HWY 386

#7584 Existing St. Rt. 386
ADOT RESOLUTION 67-81 10-27-67
PIMA CO. RES. ORDER 1-10-63
REC. BK2040, Pg 592
NATIONAL SCIENCE FOUNDATION
ORDER #1299 1-7-63
BIA RES #1266
ASSIGNMENT FROM Sec Int to NAT. SCIENCE
FDTN. 4-6-60

R/W PLANS
"FILE COPY"

N

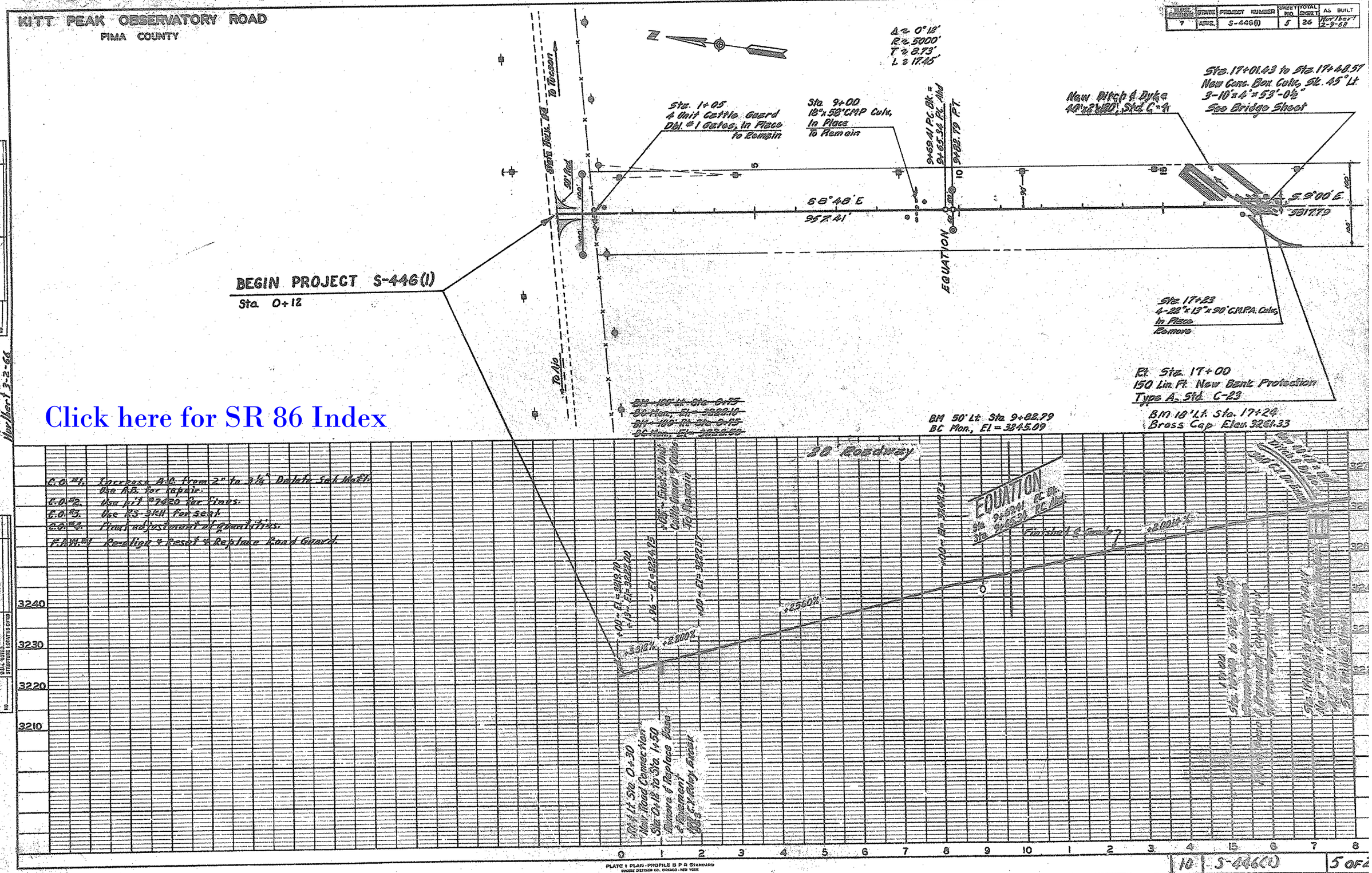
SEE ALSO
N 900-931
SR 386 AT M.P. 7.5

Click here for SR 86 Index

FED. RD. DIV.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	AS BUILT
7	ARIZ.	S-446(1)	5	26	Norbert 2-9-68

KITT PEAK OBSERVATORY ROAD

PIMA COUNTY



C.O. #1. Increase A.C. from 2" to 3½". Delete Sel. Mat'l.
Use A.B. for repair.
C.O. #2. Use pit #7420 for fines.
C.O. #3. Use RS-3141 for seal.
C.O. #4. Final adjustment of quantities.
F.A.W. #1 Realign & Reset & Replace Road Guard.

PLAN — SURVEYED, PLOTTED, CHECKED, R.L. NOTED, STRUCTURE LOCATIONS CHKD. — NOTE BOOK — NO. — DATE

PROFILE — SURVEYED, PLOTTED, CHECKED, R.L. NOTED, STRUCTURE LOCATIONS CHKD. — NOTE BOOK — NO. — DATE

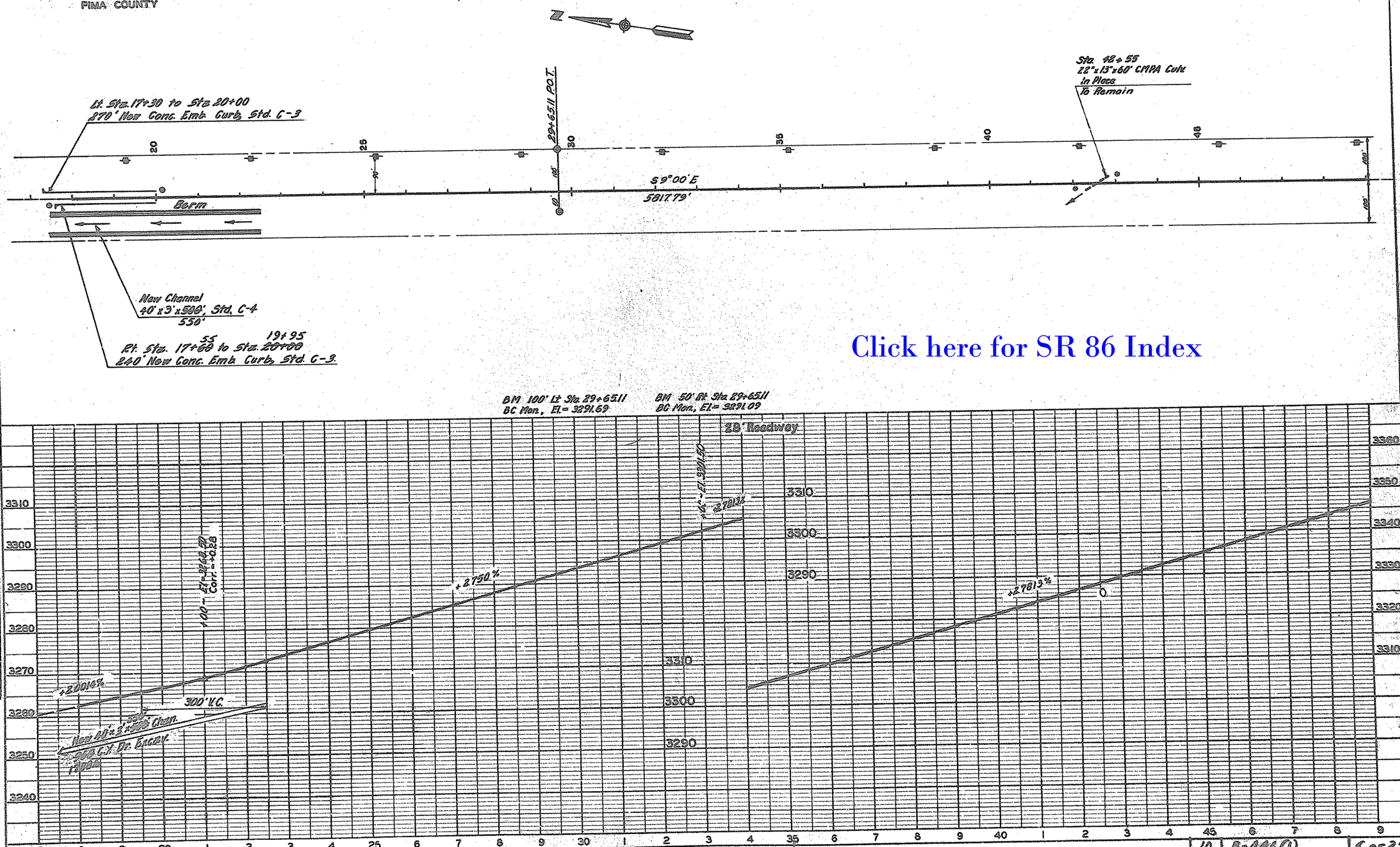
Norbert 3-2-66

PLATE 1 PLAN-PROFILE & P & R STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK

Click here for SR 86 Index

BPR REGION	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEET	AS BUILT
7	ARIZ.	S-446(1)	6	26	Hurlbert 2-9-68

KITT PEAK OBSERVATORY ROAD
PIMA COUNTY



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PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

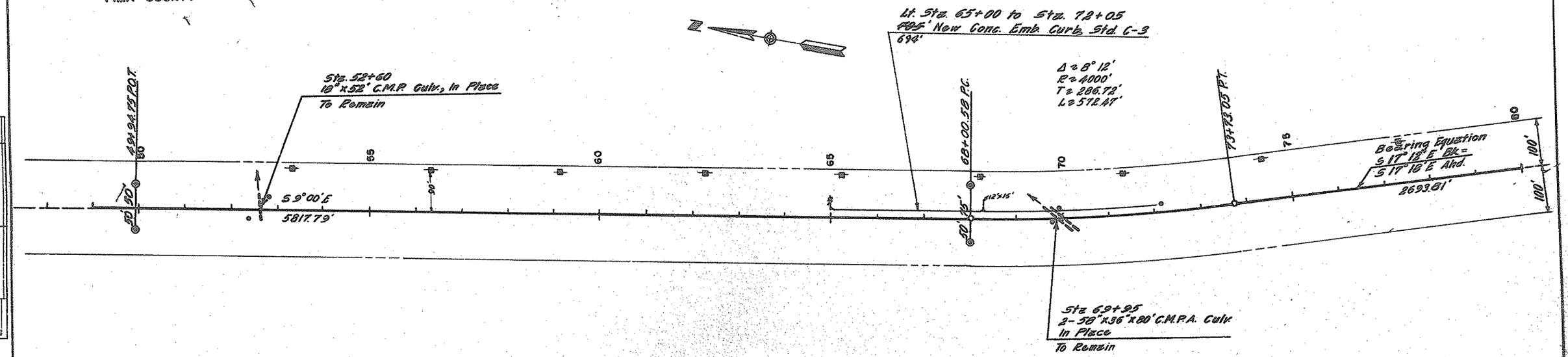
PLATE 1 PLAN-PROFILE B P R STANDARD

10	S-446(1)	6 OF 25

BPR REGION	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	AS BUILT
7	ARIZ.	S-446(1)	7	26	Hurlbert 2-9-68

KITT PEAK OBSERVATORY ROAD

PIMA COUNTY



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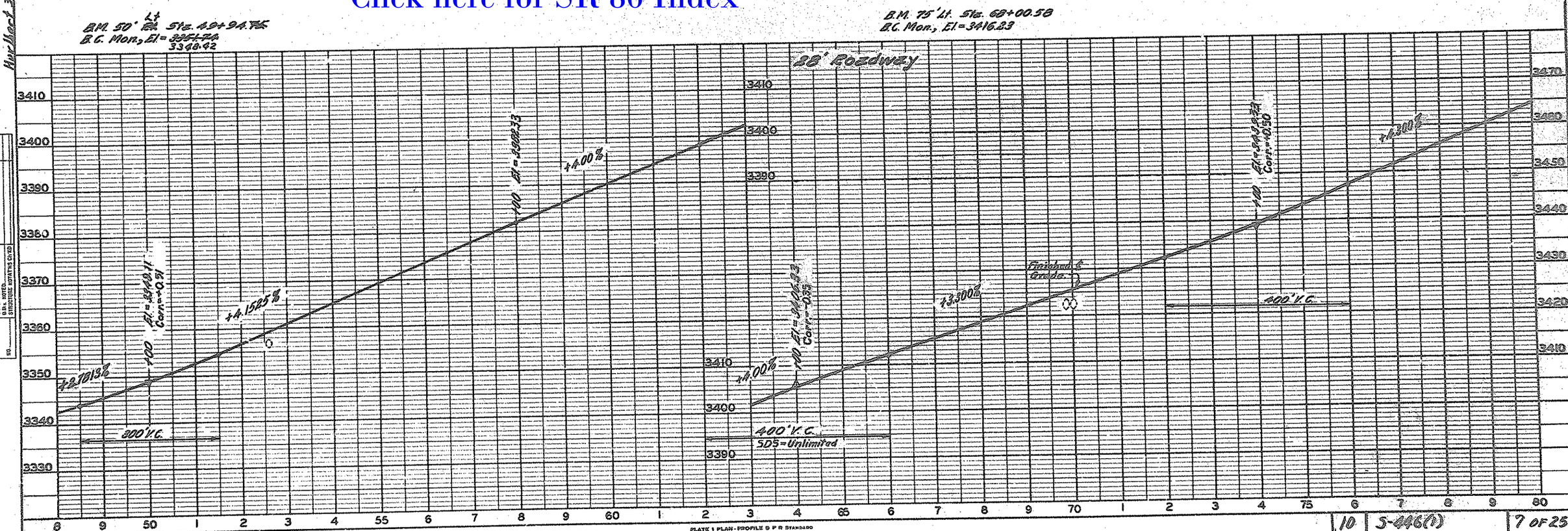

PLATE 1 PLAN - PROFILE & P R STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK

10	S-446(1)	7 OF 25

BPR REGION	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	AS BUILT
7	ARIZ.	S-446(1)	8	26	Marlbert 4-8-68

KITT PEAK OBSERVATORY ROAD

PIMA COUNTY

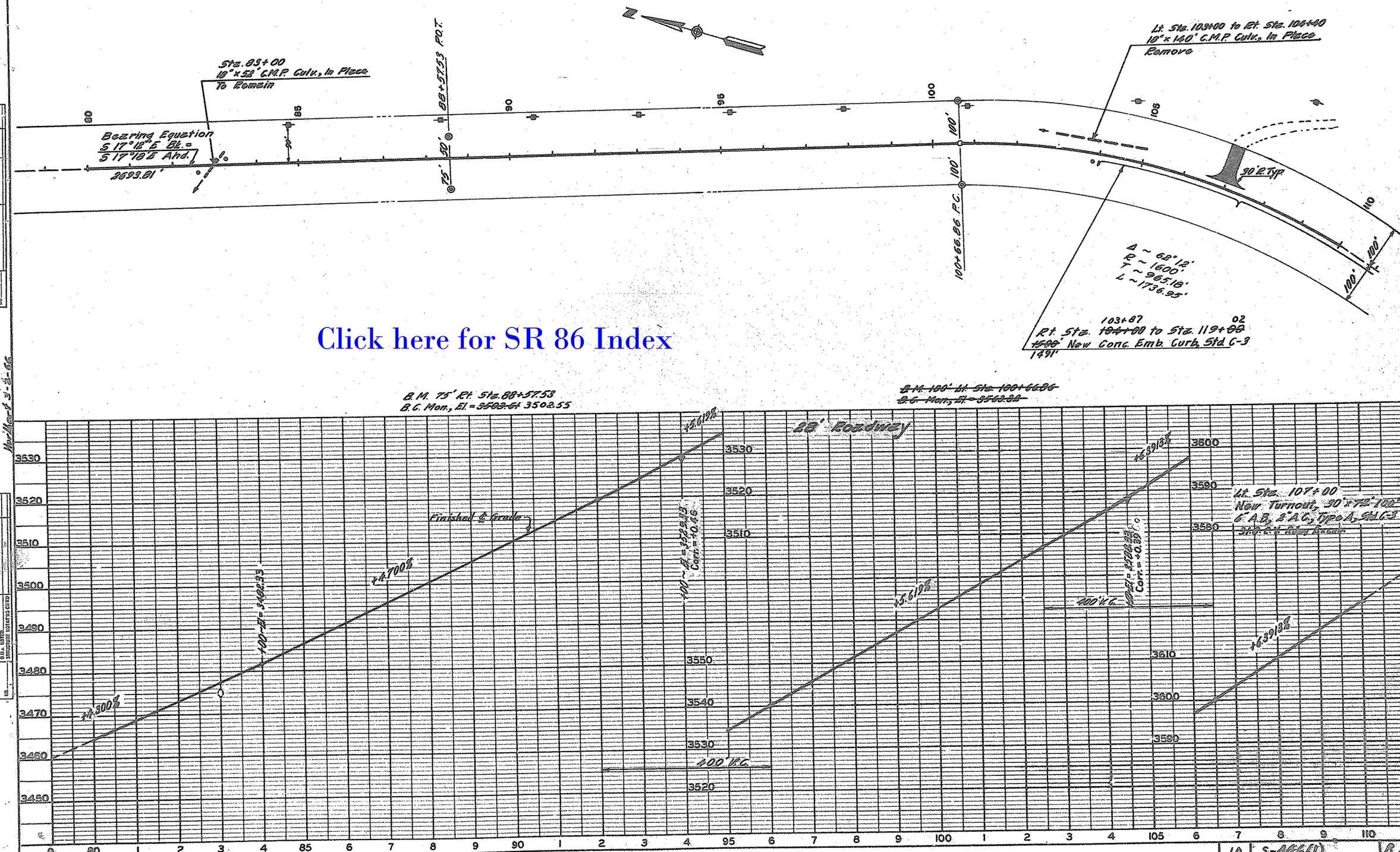

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PLATE 1 PLAN - PROFILE B P R STANDARD

10	S-446(1)	8 OF 25

FED. RD. DIV.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	AS BUILT
7	ARIZ.	S-446(1)	9	26	Nor/Mar/Sep 3-2-68

KITT PEAK OBSERVATORY ROAD

PIMA COUNTY

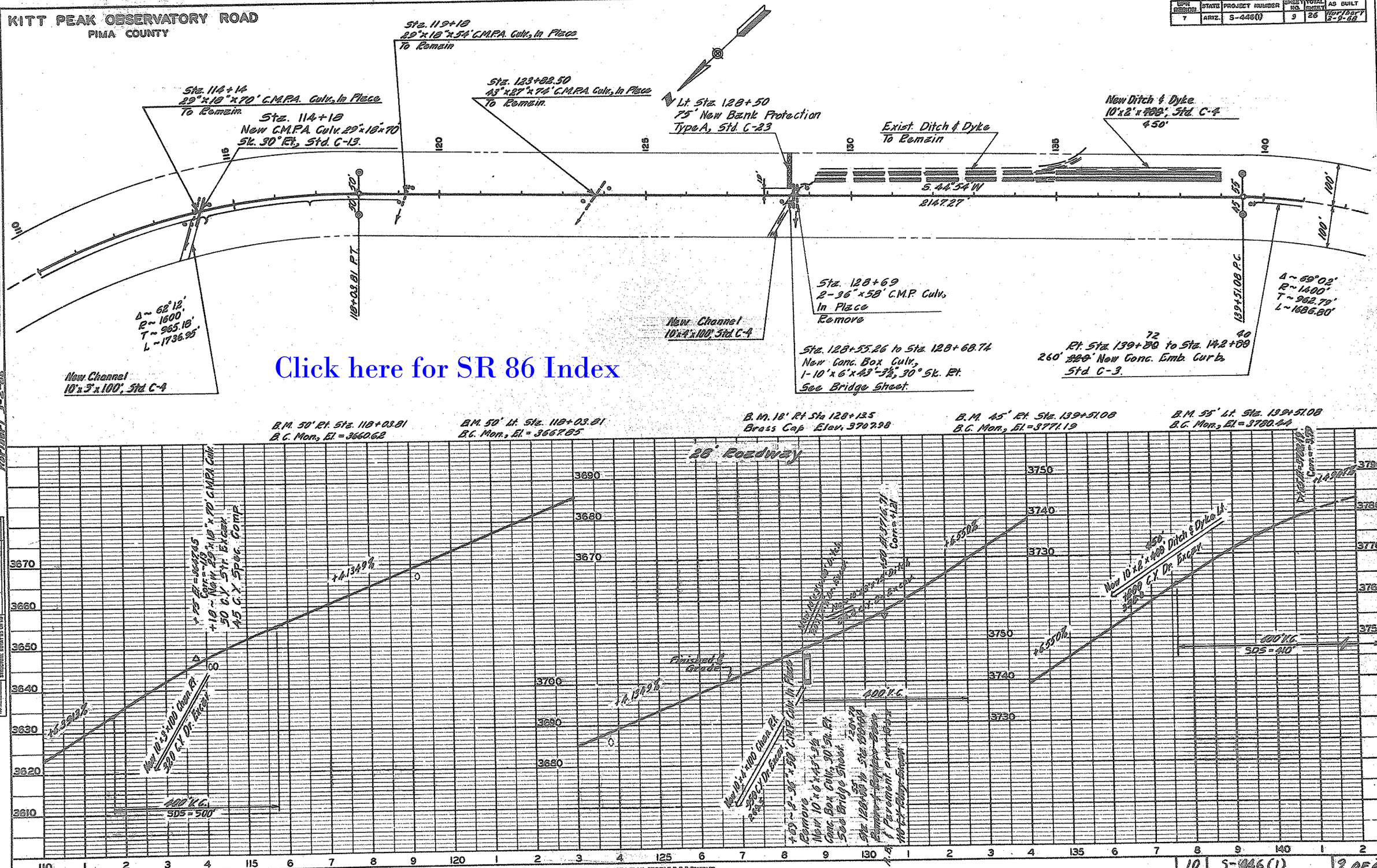

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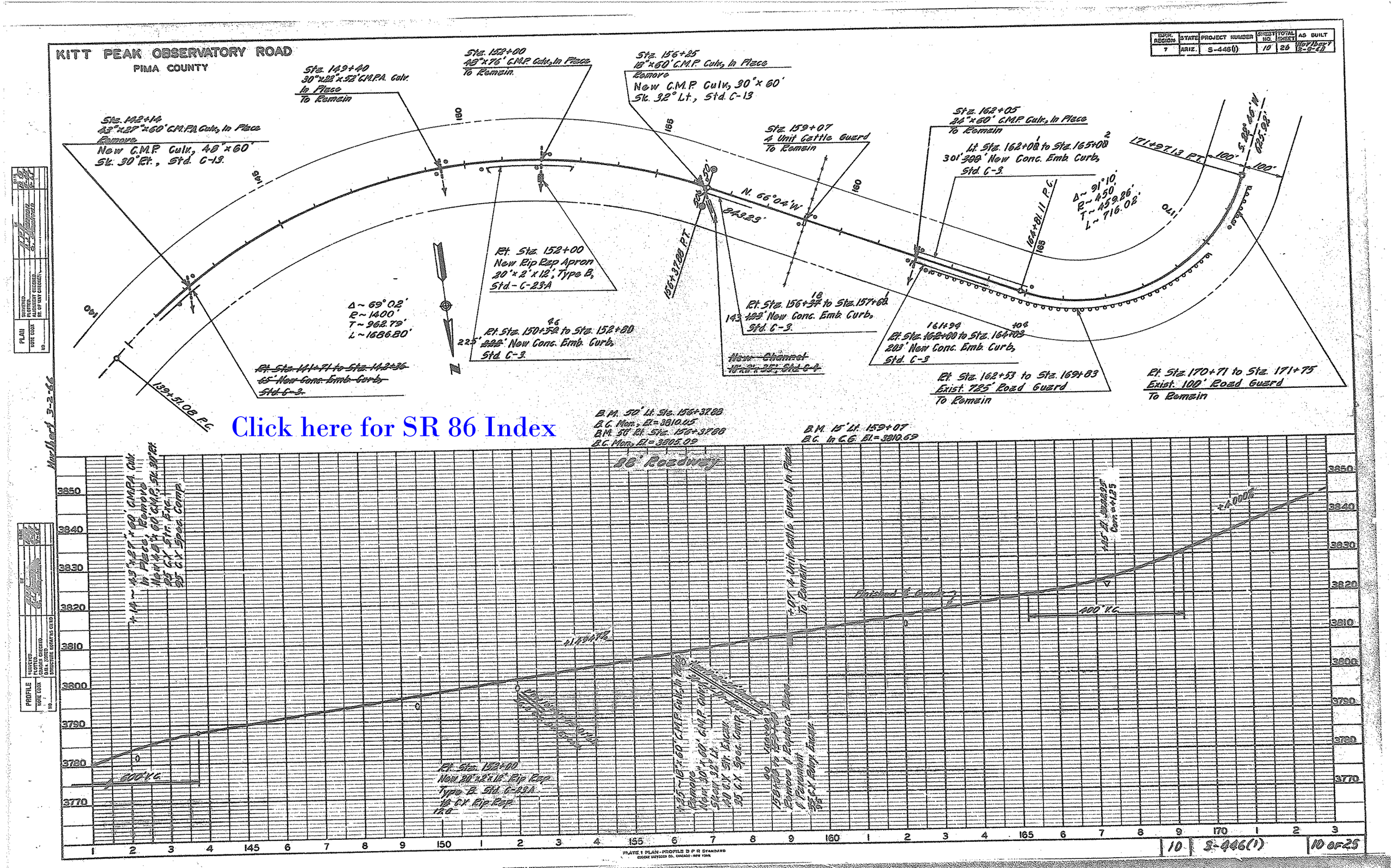
PLATE 1 PLAN - PROFILE D P R STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK



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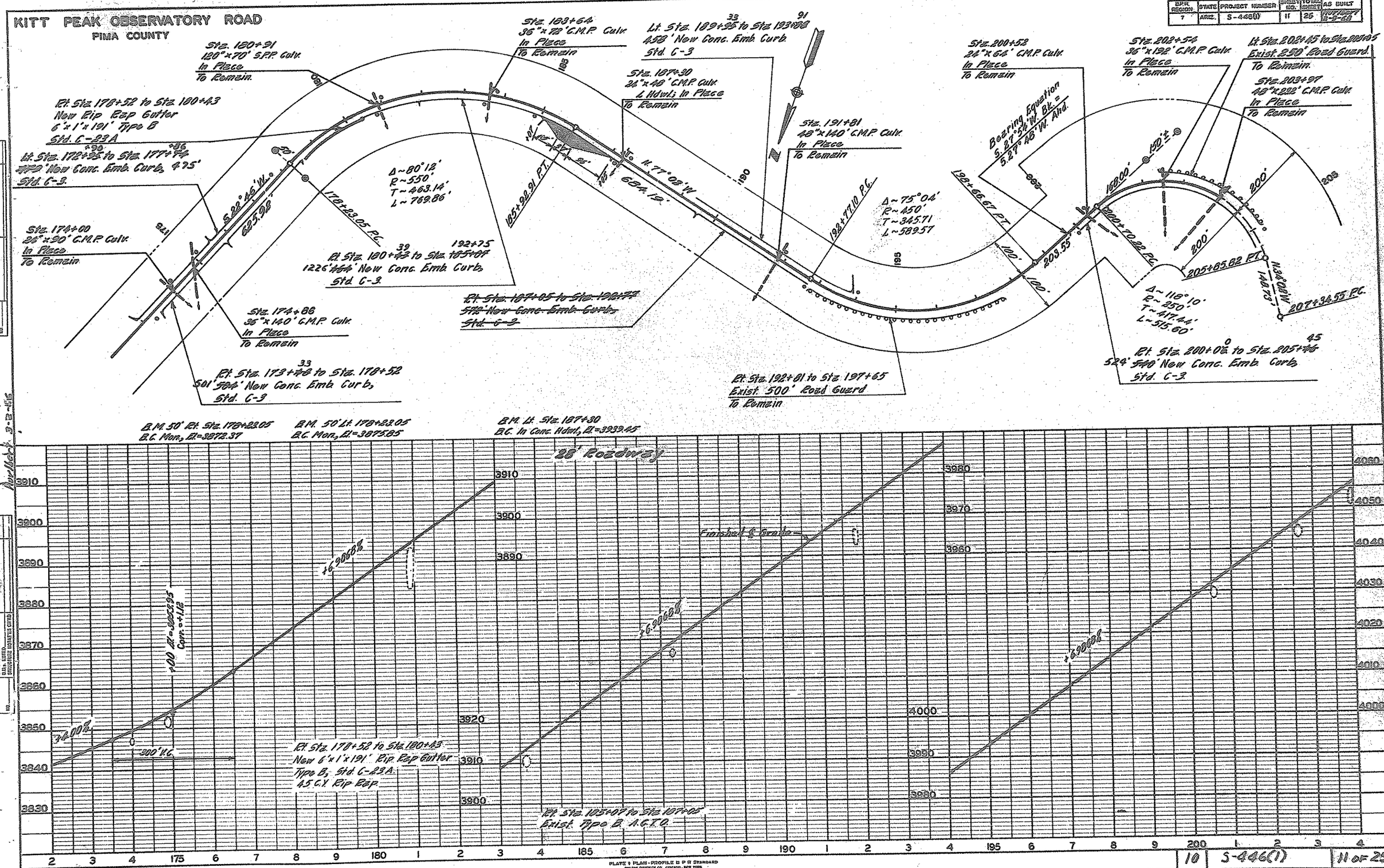
BPR REGION	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	AS BUILT
7	ARIZ.	S-446(1)	11	26	Approved 3-2-66

KITTY PEAK OBSERVATORY ROAD
PIMA COUNTY



10	S-446(1)	11 OF 29

PLATE 9 PLAN - PROFILE B P R STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK

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BPR REGION	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	AS BUILT
7	ARIZ.	S-446(1)	12	26	Not Built 2-9-88

KITT PEAK OBSERVATORY ROAD
PIMA COUNTY

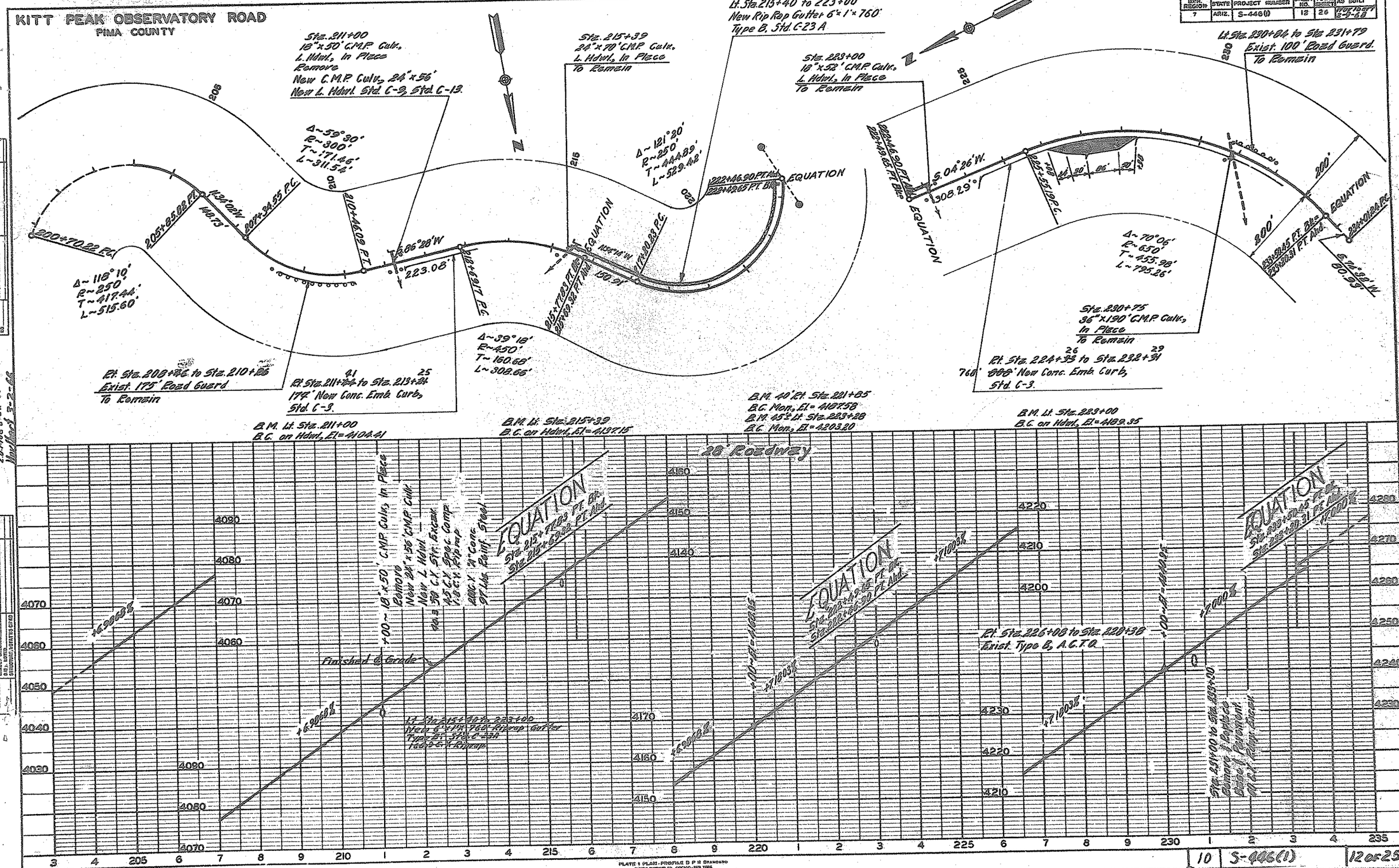

PLATE 1 PLAN-PROFILE B P R STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK

10	S-446(1)		12 of 25

PLAN — NOTE BOOK — SURVEYED — PLOTTED — TRACED — CHECKED — DES. — NOTED — STRUCTURE DETAILS CHKD

PROFILE — NOTE BOOK — SURVEYED — PLOTTED — GRADES CHECKED — STRUCTURE DETAILS CHKD

10-Mar 6-25-86
New Block 3-2-88

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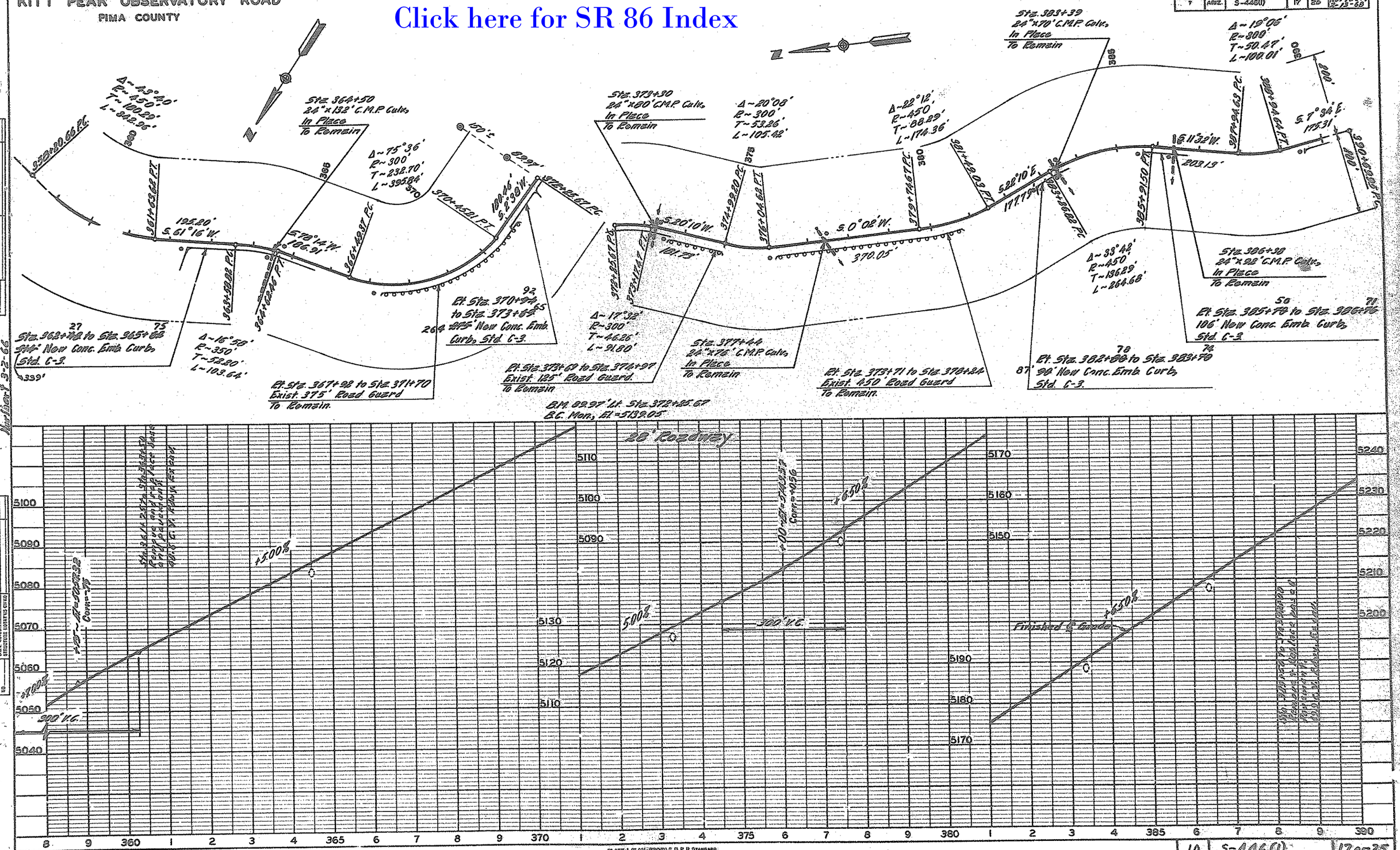

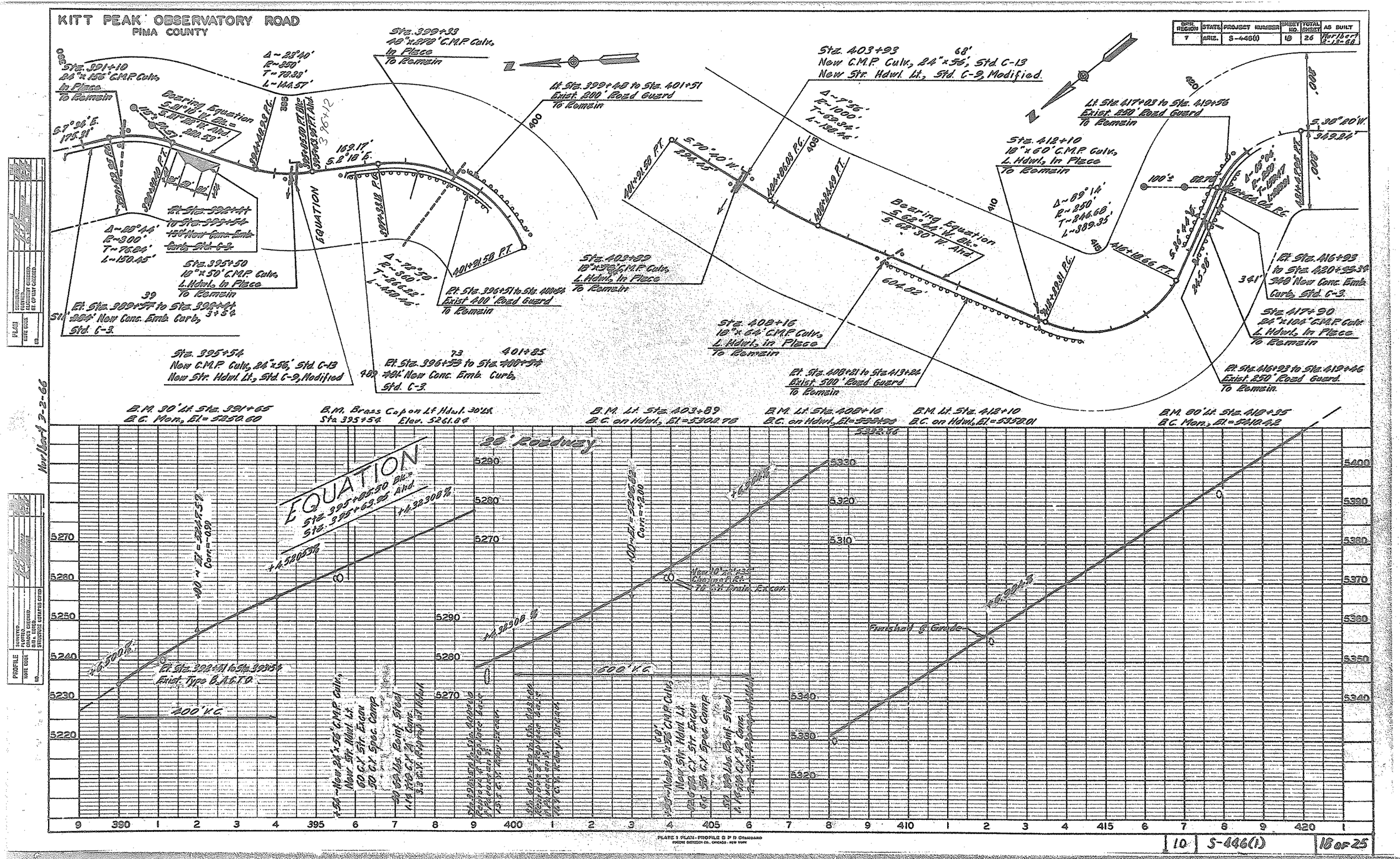

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BPR REGION	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	AS BUILT
7	ARIZ.	S-446(1)	20	26	Hurlburt 3-13-68

KITT PEAK OBSERVATORY ROAD

PIMA COUNTY

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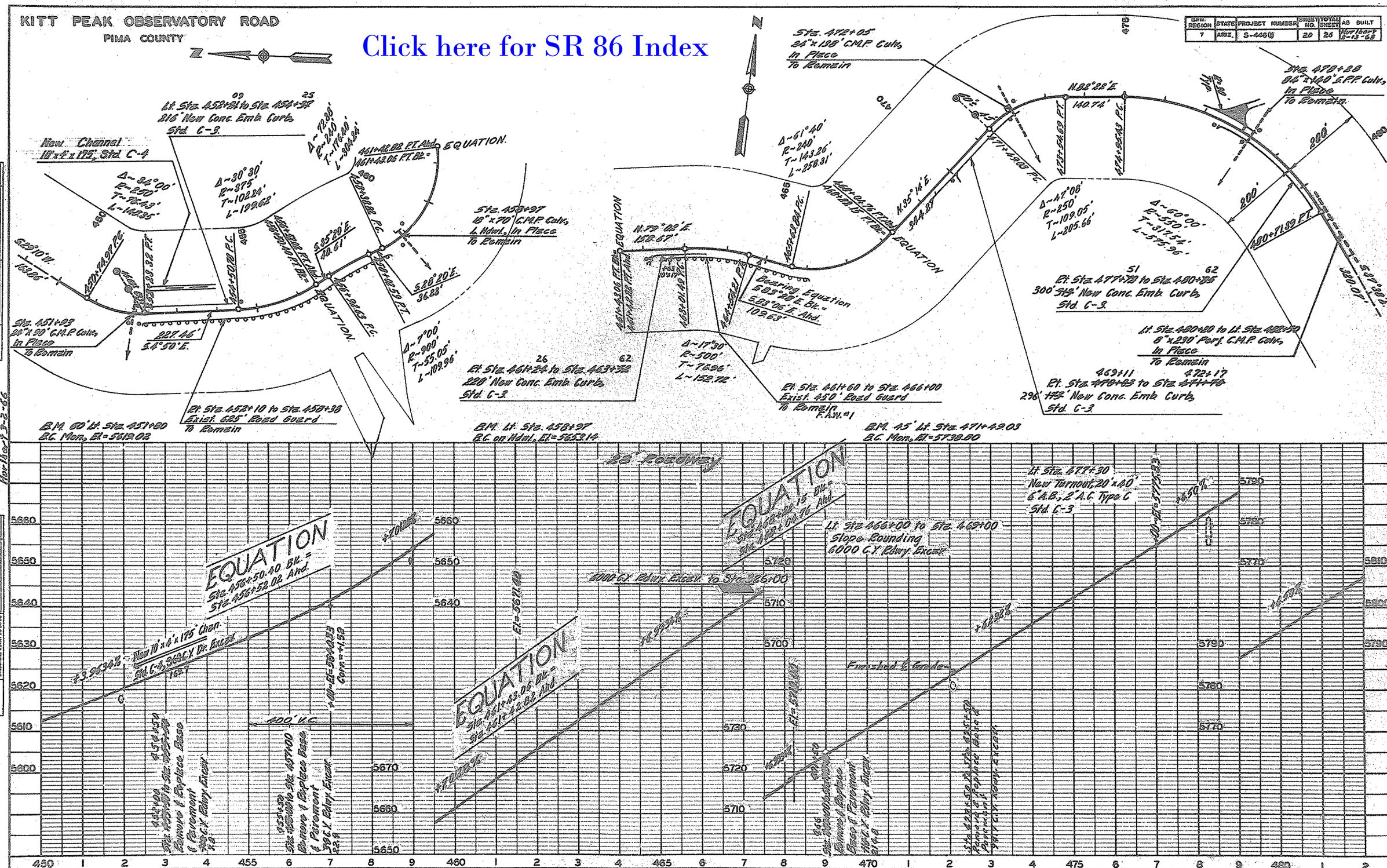

REGION	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	AS BUILT
7	ARIZ.	S-446(1)	21	26	VERIFIED 2-13-68

KITT PEAK OBSERVATORY ROAD

PIMA COUNTY

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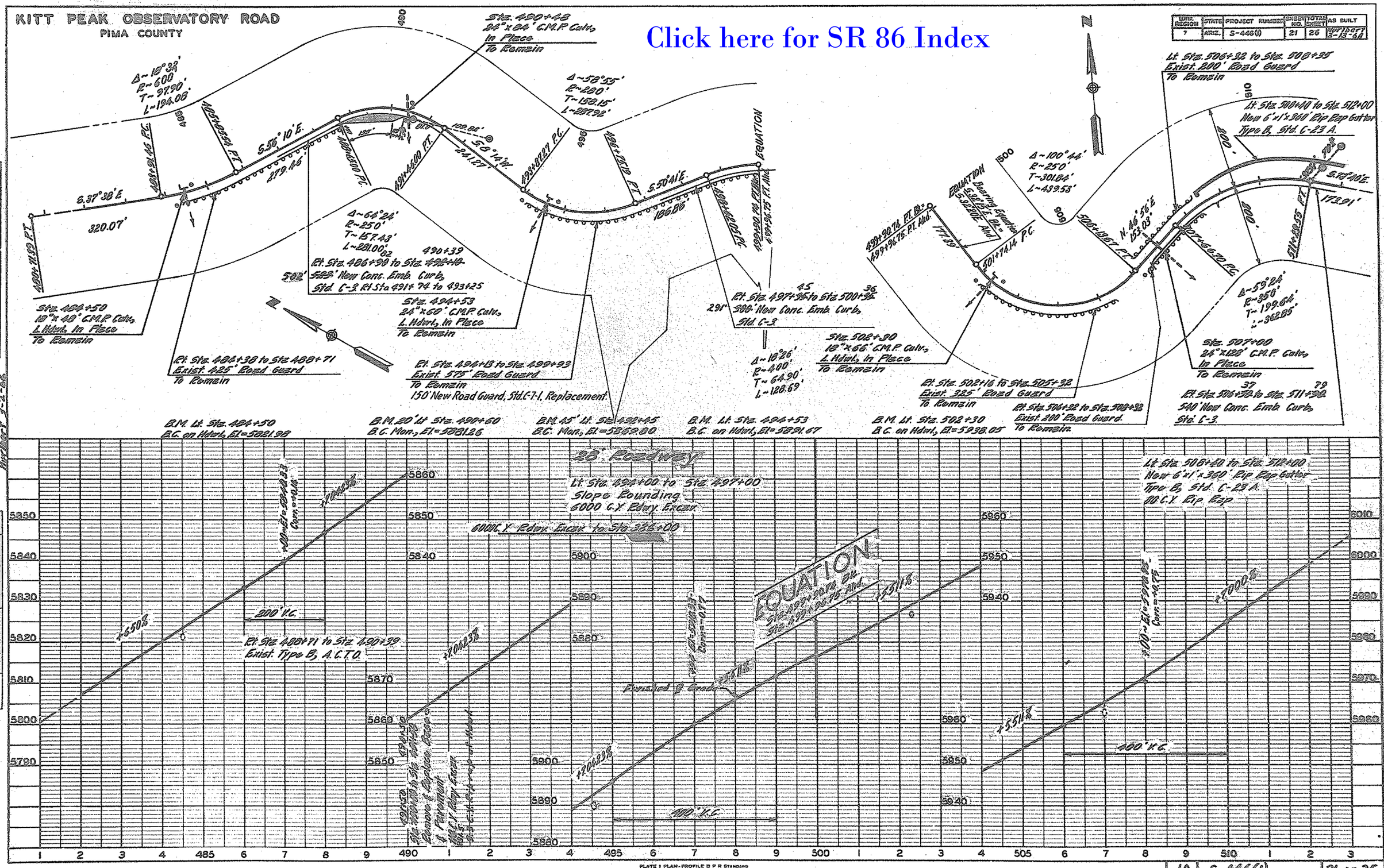

PLATE 1 PLAN-PROFILE B P R STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK

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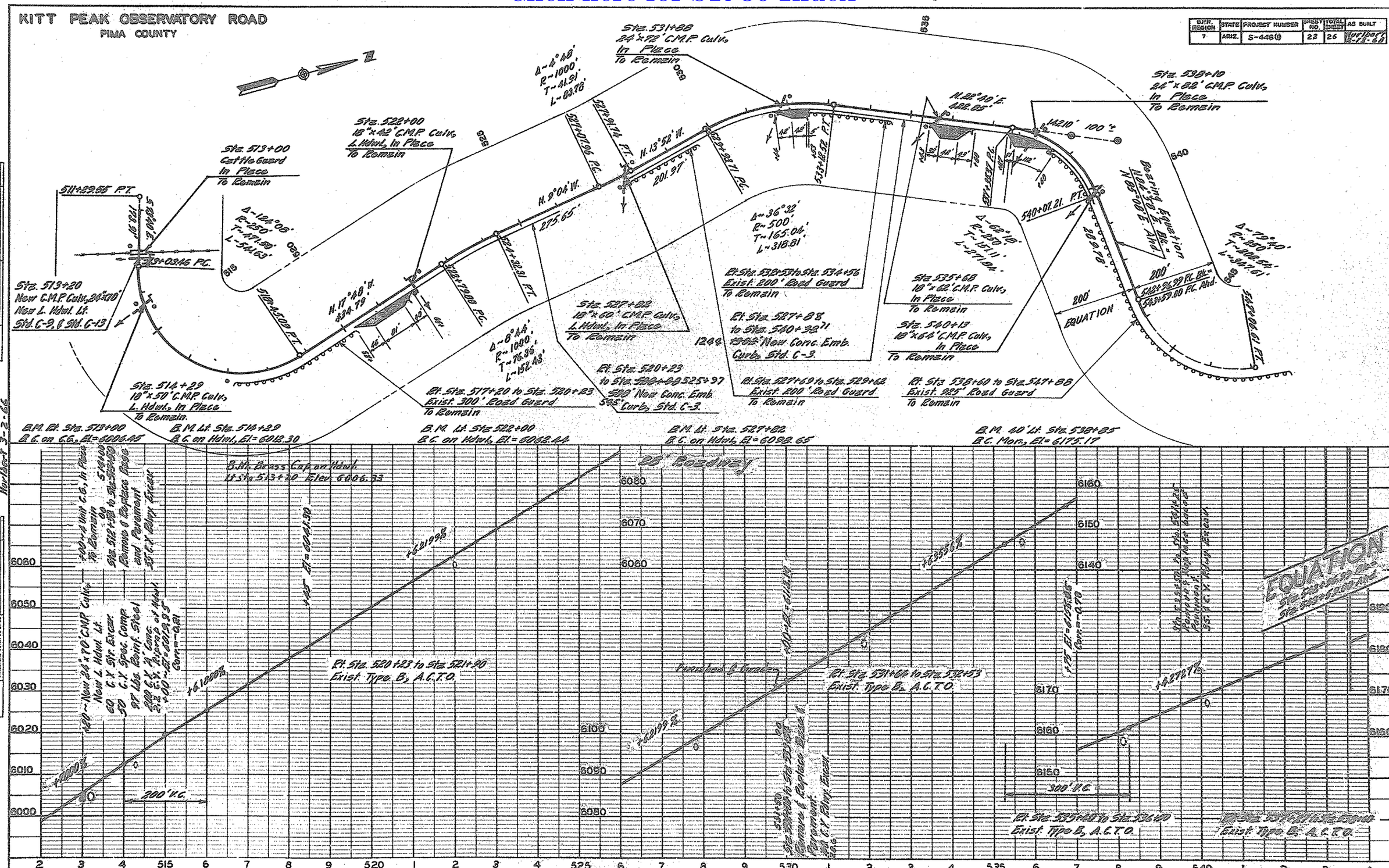

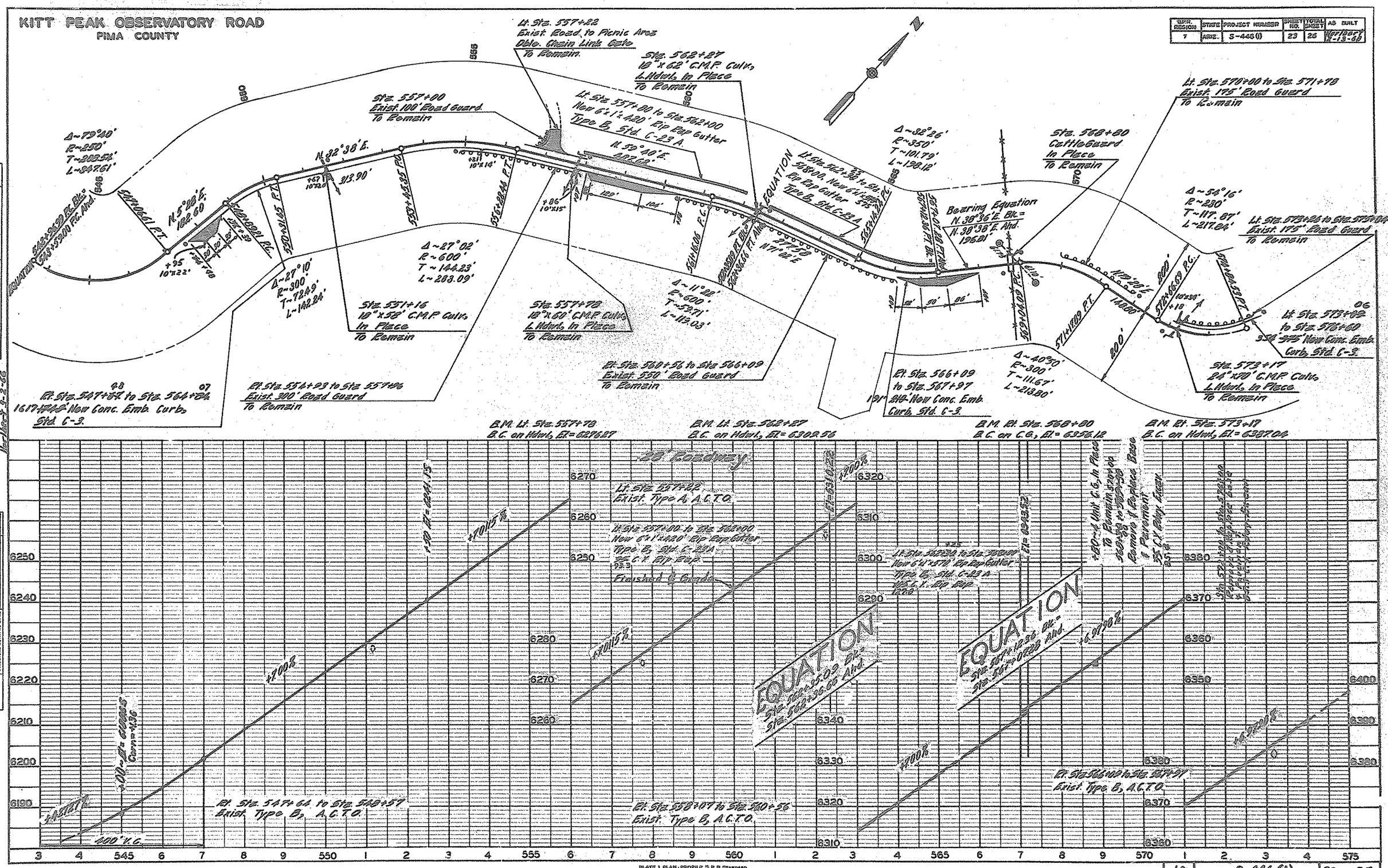

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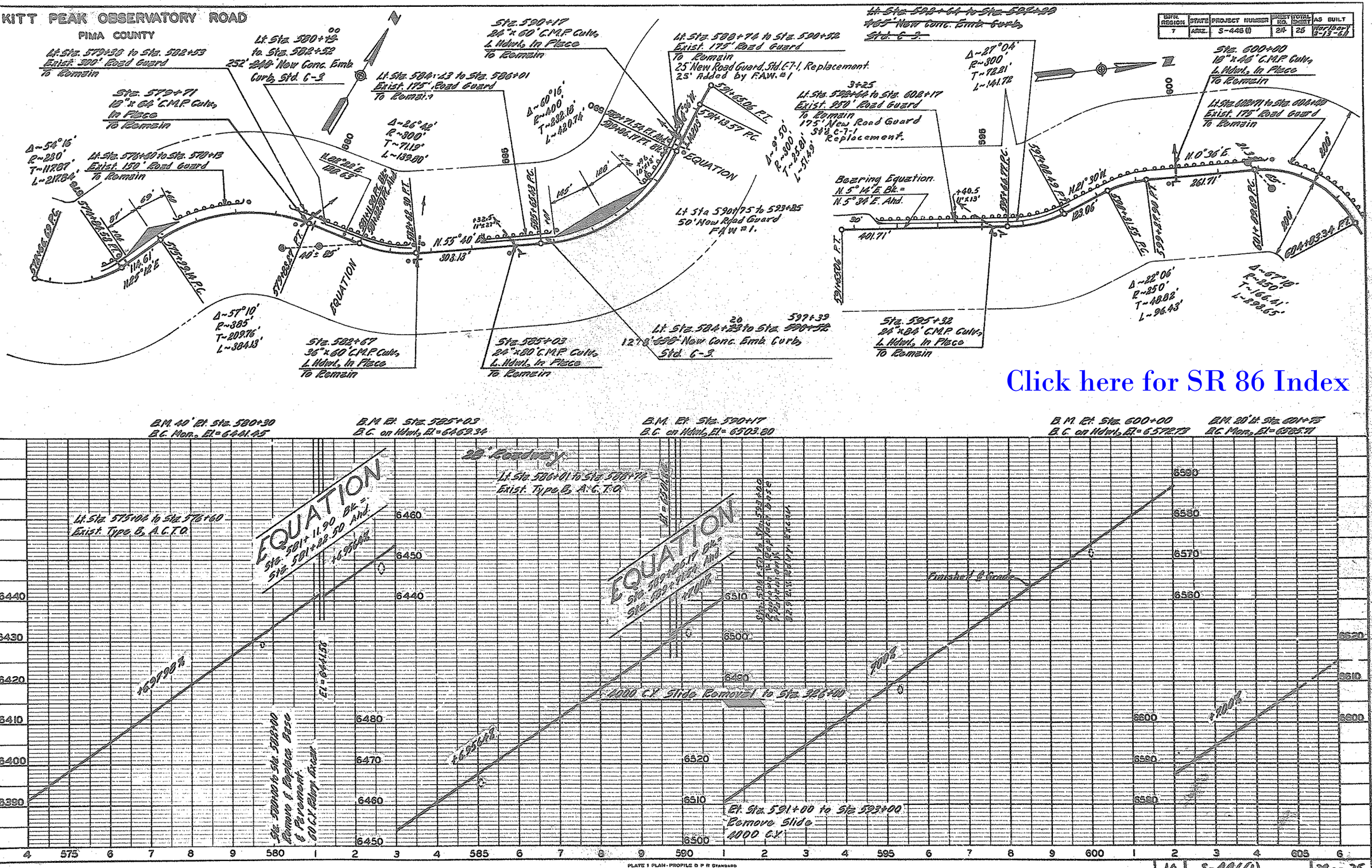

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REGION	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS	AS BUILT
7	ARIZ.	S-446 (1)	25	25	Not Built 2-15-68

KITT PEAK OBSERVATORY ROAD

PIMA COUNTY

Lt. Sta. 608+04 to 608+79
Exist. 75' Road Guard.
~~75' New Road Guard, Std. C-11, Replacement~~

N 0°36'E
201.71'
200'
Δ~67°18'
R~250'
T~166.41'
L~293.65'
604+88.94 P.T.
601+89.63 P.C.
S 70°20'E
650'
N 67°54'E
418.70'
Δ~38°46'
R~240'
T~78.56'
L~162.25'
609+08.04 P.C.
610+39.29 P.T.
N 56°28'E
35.59'
610+45.79 P.C.
Δ~153°30'
R~90.5'
T~553.96'
L~277.82'
203.43'
S 36°06'W.
615+51.46 P.T.
615+46.60 P.C. AHD.
EQUATION
614+80.03 P.C.

Lt. Sta. 610+12 to Sta. 612+65
Exist. 250' Road Guard
To Remain

Δ~44°12'
R~250'
T~101.51'
L~192.86'

Sta. 611+94
24"x80' C.M.P. Culv.
L. Hdwl., In Place
To Remain

Lt. Sta. 612+65
to Sta. 614+45
250' New Conc. Emb.
Curb, Std. C-3.

Δ~15°12'
R~250'
T~33.96'
L~66.32'

Sta. 619+00
18"x54' C.M.P. Culv.
L. Hdwl. In Place
To Remain.

Lt. Sta. 622+85 to Sta. 629+85
708' New Conc. Emb. Curb,
Std. C-3.

Lt. Sta. 619+47 to Sta. 624+12
Exist. 475' Road Guard
To Remain
+50' Replacements ~59'30'
F.A.W. to 1.
R~300'
T~171.46'
L~311.54'

S 20°20'W.
162.18'
S 50°15'W.
184.68'
S 10°14'E.
338.88'
Δ~89°22'
R~350'
T~98.46'
L~172.26'
624+00
24"x48' C.M.P. Culv.
L. Hdwl. In Place
To Remain

Lt. Sta. 615+09 to Sta. 617+37
Exist. 225' Road Guard
To Remain

Lt. Sta. 632+75 to Sta. 634+00
Exist. 125' Road Guard
To Remain

Sta. 629+00
18"x48' C.M.P. Culv.
L. Hdwl. In Place
To Remain

Δ~82°44'
R~350'
T~136.93'
L~261.04'
S 39°30'E
168.70'
Δ~60°00'
R~100'
T~57.74'
L~104.72'
S 13°30'W.
Δ~54°30'
R~100'
T~51.99'
L~95.16'
S 55°W.
94.16'
632+52.25 P.T.
630+03.32 P.C.
Lt. Sta. 630+53 to Sta. 632+00
232' 24' New Conc. Emb. Curb,
Std. C-3.

END PROJECT
Sta. 637+12.05

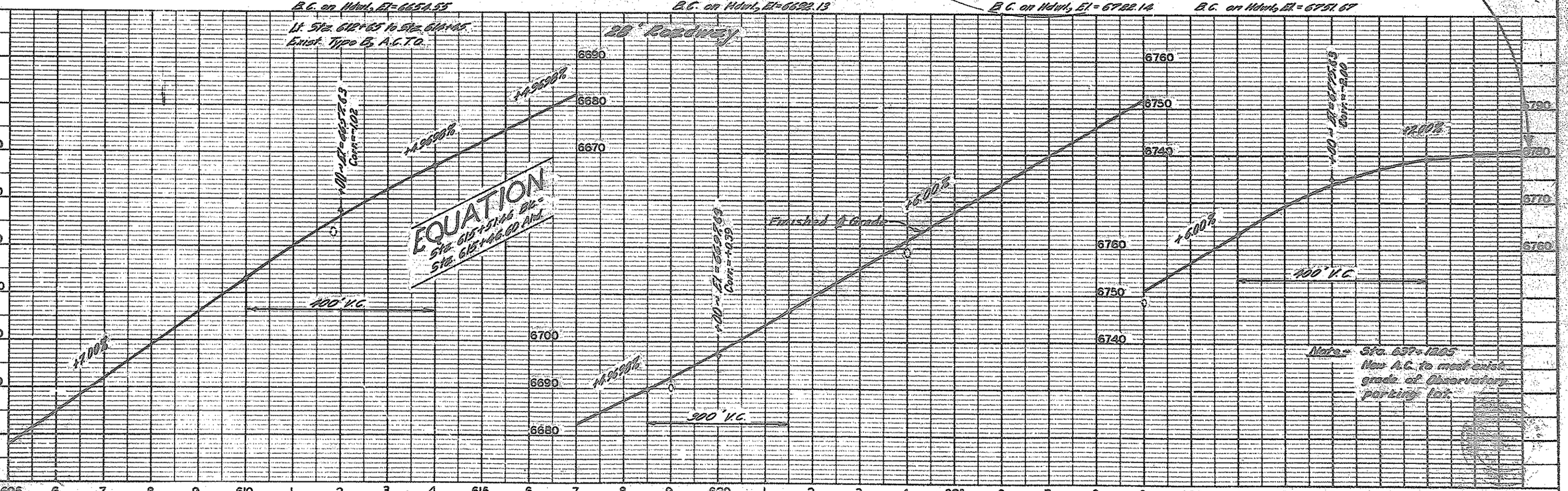
B.M. Rt. Sta. 611+94
B.C. on Hdwl., El=6654.55

B.M. Rt. Sta. 619+00
B.C. on Hdwl., El=6692.13

B.M. Rt. Sta. 624+00
B.C. on Hdwl., El=6782.14

B.M. Rt. Sta. 629+00
B.C. on Hdwl., El=6751.67

Lt. Sta. 612+65 to Sta. 614+45
Exist. Type B, A.C.T.O.



Note:- Sta. 637+12.05
New A.C. to match existing grade of Observatory parking lot.

PLAN
SURVEYED
PLOTTED
DRAWN
CHECKED
R.O.W. DEPT. APPROVAL
ROW MAP
NO.

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTE
STRUCTURE DATA
ROW MAP
NO.

Not Built 3-2-66

PLATE 1 PLAN - PROFILE & P R STANDARD
EUGENE DIETZGEN CO. CHICAGO - NEW YORK

10	S-446(1)	25 of 25