

MASTER COPY

DEPARTMENT OF HIGHWAYS STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. F 025-1(4) STATE HIGHWAY NO. 15 SAGUACHE COUNTY

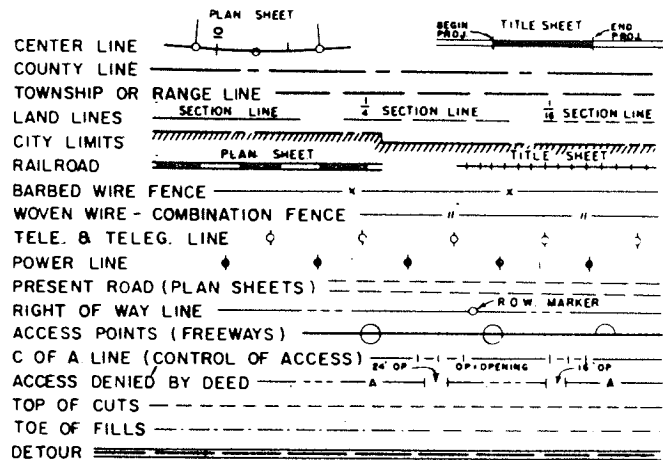
FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLORADO	F 025-1(4)	1

RIGHT OF WAY
SAGUACHE - NORTHEAST

INDEX OF SHEETS
TITLE SHEET
TABULATION OF PROPERTIES
PLAN AND PROFILE SHEET

SET NO. 1

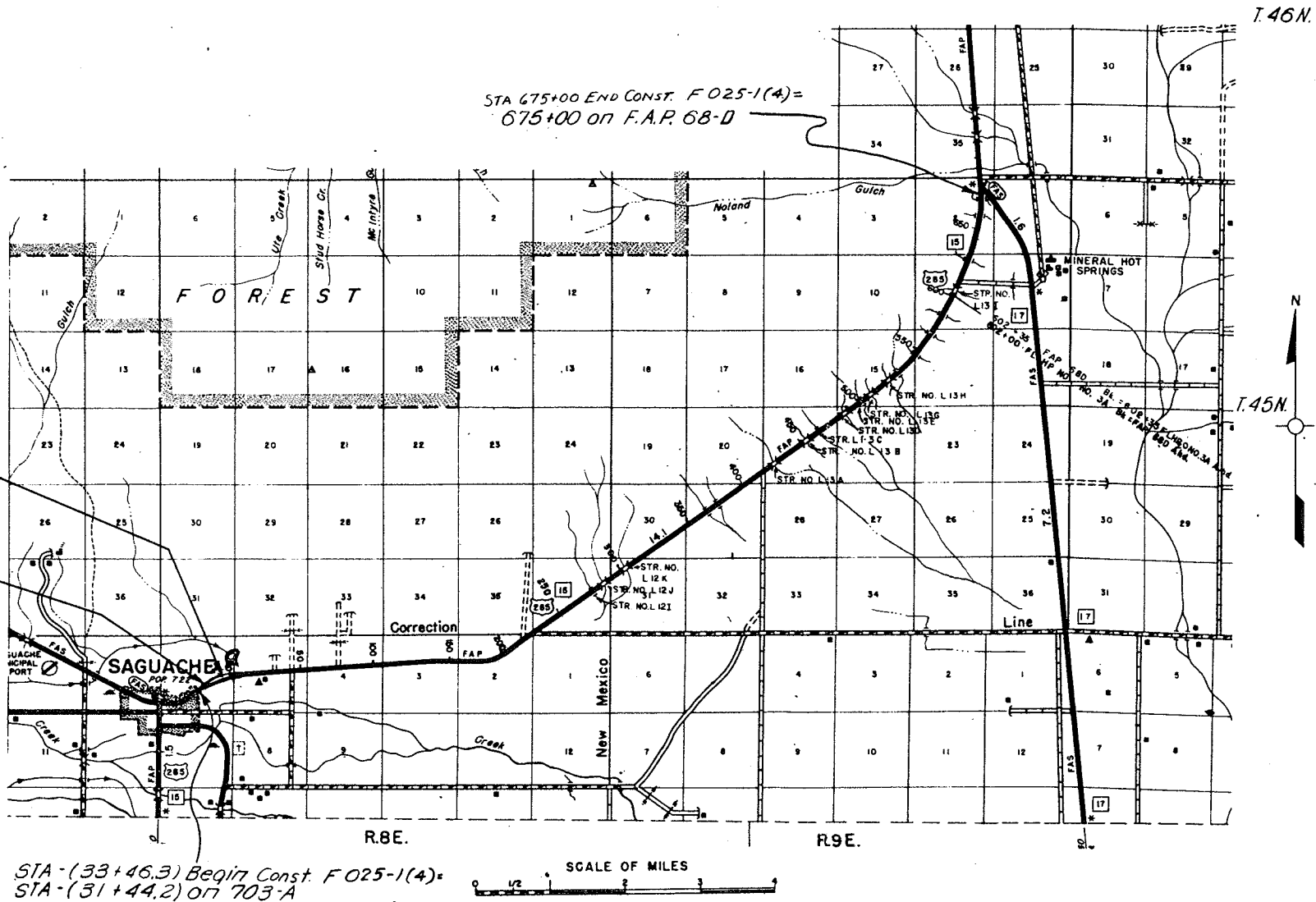
CONVENTIONAL SIGNS



SCALES OF ORIGINAL DRAWINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE, 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
LENGTH OF PROJECT = 0.296 MILES (R.O.W.)

STA.-(11+45.2) END R.O.W.
F 025-1(4)

STA.-(27+10.37) BEGIN R.O.W.
F 025-1(4)



INACTIVE

DEPARTMENT OF HIGHWAYS STATE OF COLORADO

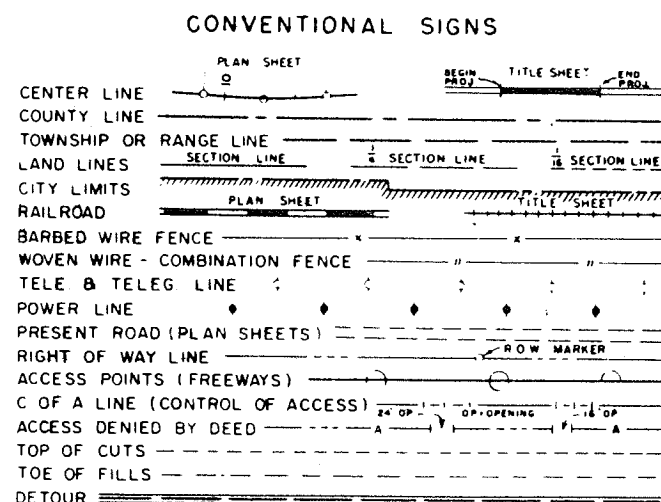
SEP 19 1967

FEDERAL ROAD REGION NO.	DIVISION	PROJECT NO.
9	COLORADO	F 025-1 (4)

AS CONSTRUCTED
REVISED

INDEX OF SHEETS NOV 2 1966

FINAL CONSTRUCTION

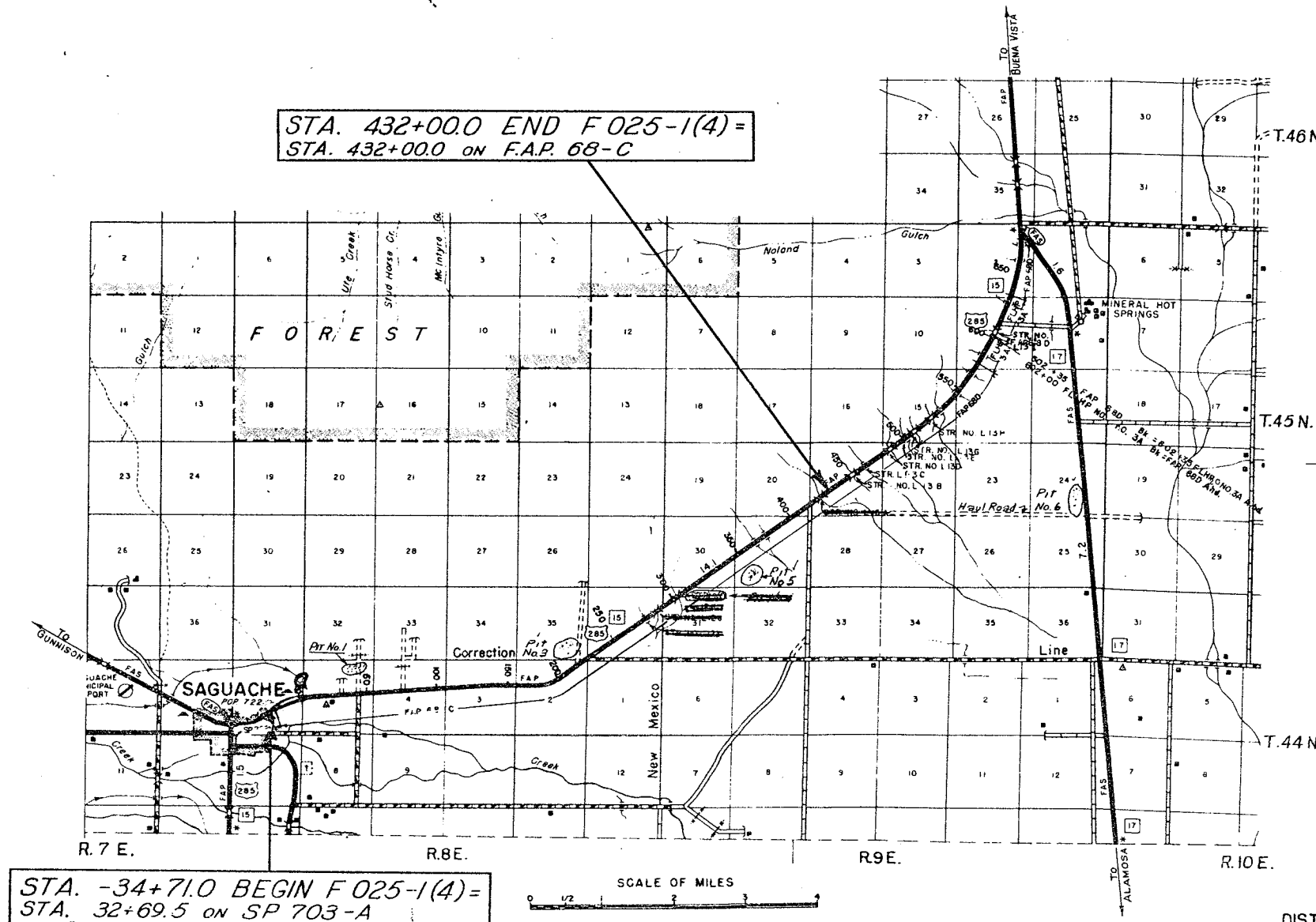


PLAN AND PROFILE OF ~~REMOVED~~ FEDERAL AID PROJECT NO. F 025-1(4) STATE HIGHWAY NO. 15 SAGUACHE COUNTY

Domenic Leone Construction Co.
C.J. Dutton Resident Engr.
E. Ward Proj. Engr.

Date Completed Nov. 2nd 1966

SCALE OF ORIGINAL DRAWINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE, 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT 46,637.4 FEET = 8.833 MILES
NET LENGTH OF PROJECT



SHEET NO.

1
2
3-4
5-6X
8

9
10-11
12-27
28
32-41

M-203-A

M-203-B

M-203-C

M-206-A

M-607-A

M-612-C

M-614-A

M-614-1A

M-614-TB

M-617-A

M-611-A

7A

29-31

42-77

78-79

TITLE SHEET, SKETCH MAP AND INDEX OF SHEETS.
TYPICAL SECTIONS AND GENERAL NOTES.
SUMMARY OF Final QUANTITIES.
STRUCTURE QUANTITIES.
TABULATION OF LENGTH AND DESIGN DATA, DELINEATORS;
DETAIL OF DETOUR, DETAILS OF STOCKPASS RAMPS AND
TIMBER HEADER, DETAIL OF INTERNAL AND EXTERNAL
CONNECTING BANDS.
PAVEMENT, SURFACING AND SUBBASE PLAN.
PIT LOCATIONS.
ALIGNMENT PLAN AND PROFILE.
SUMMARY OF EARTHWORK QUANTITIES.
CROSS SECTIONS FOR STRUCTURES.
SUPERELEVATION AND WIDENING OF CURVES - CROWNED
HIGHWAYS.
APPROACH ROADS, FLARING, CUT SLOPE TREATMENT,
BRIDGE AND CREST WIDENING.
DITCH TYPES.
EXCAVATION AND BACKFILL FOR STRUCTURES (2 SHEETS)
WIRE FENCES AND GATES (2 SHEETS)
DELINEATORS (2 SHEETS)
TIMBER BARRICADES
IDENTIFICATION SIGNS
TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION (3 SHEETS)
CULVERT PIPE
CATTLE GUARD
Tabulation Of A-C 120-150, M-C 70, Wetting, Fencing &
Scale Books.
Tabulation on Base of Cuts and Fills.
Tabulation on Embankment Below 4 Ft.
Cross Sections, Pit No. 6 (Stripping)

DEPARTMENT OF HIGHWAYS
STATE OF COLORADO

APPROVED: *Charles E. Shumate* 5
CHIEF ENGINEER

By *L. L. Bowen* Deputy Engr.
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED: _____
DIVISION ENGINEER

P.D.L.

DISTRICT CONSTRUCTION ENGINEER

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJECT NO.	SHEET NO.
9	COLORADO	F 025-1(4)	2

RIGHT OF WAY

[illegible]

RIGHT OF WAY
SAGUACHE - NORTHEAST

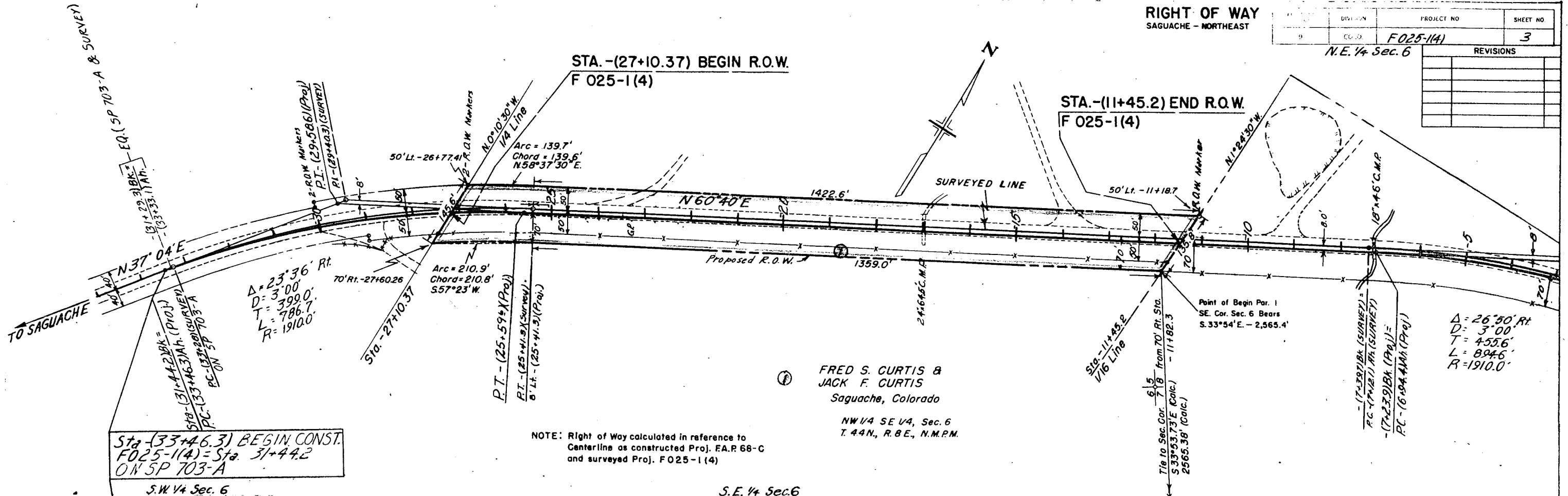
DIVISION	PROJECT NO	SHEET NO
CO. D	F025-1(4)	3

N.E. 1/4 Sec. 6

REVISIONS	

STA. -(27+10.37) BEGIN R.O.W.
F 025-1(4)

STA. -(11+45.2) END R.O.W.
F 025-1(4)



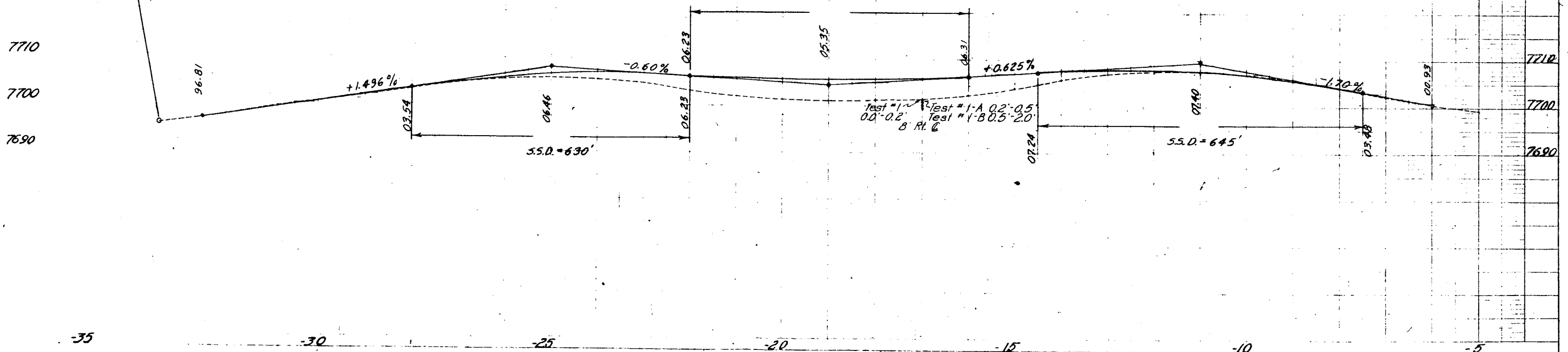
FRED S. CURTIS &
JACK F. CURTIS
Saguache, Colorado

NW 1/4 SE 1/4, Sec. 6
T. 44N, R. 8E, N.M.P.M.

NOTE: Right of Way calculated in reference to
Centerline as constructed Proj. F.A.R. 68-C
and surveyed Proj. F025-1(4)

Sta. -(33+46.3) BEGIN CONST.
F025-1(4) = Sta. 31+44.2
ON SP 703-A

Test No.	Test No. 1-A	Test No. 1-B
	A-1-0 (0)	A-2-4 (0)
	LL-20	LL-21
	PI-3	PI-3
	%-200=10	%-200=31
	R=75	R=40

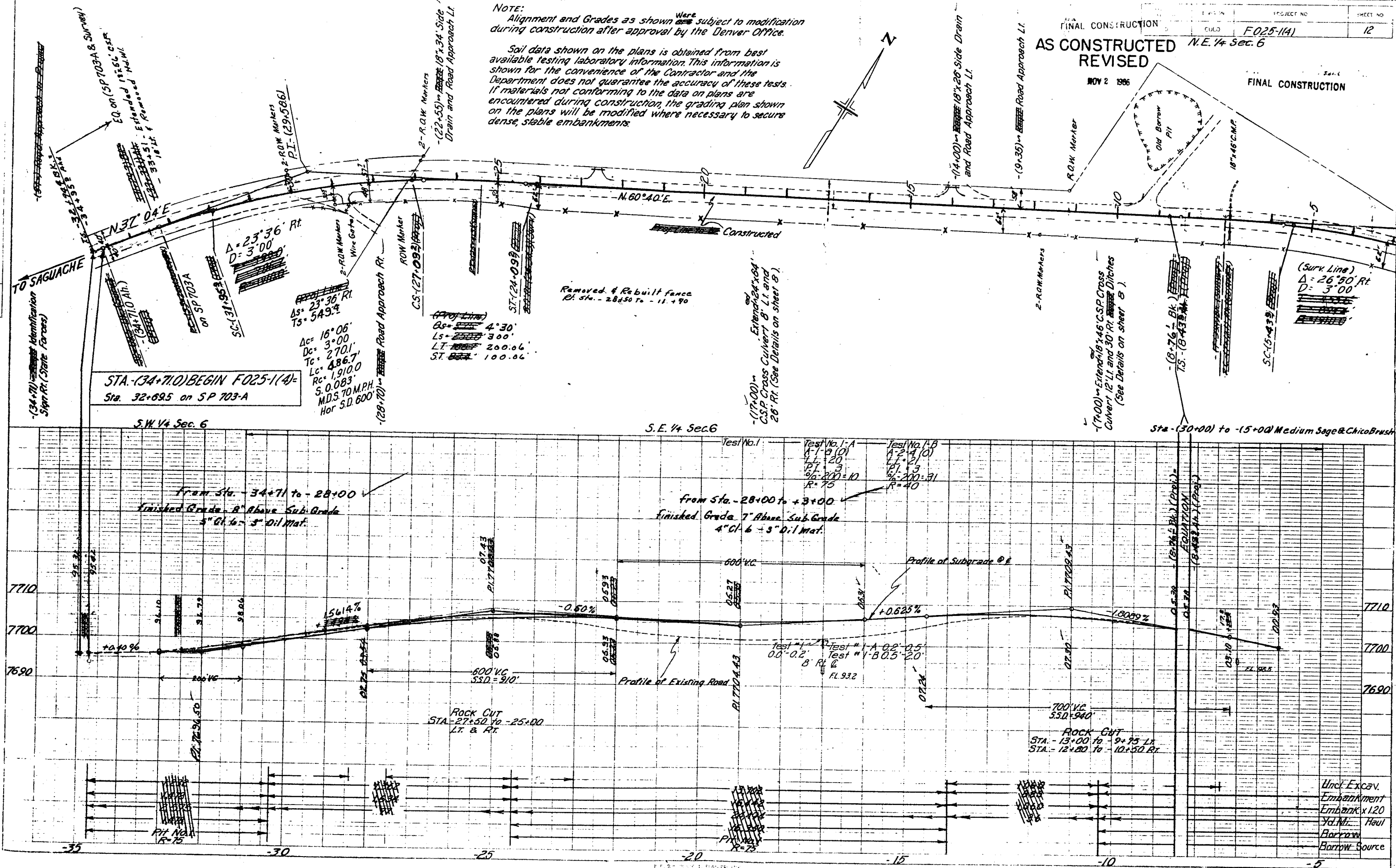


NOTE:
Alignment and Grades as shown ^{Were} subject to modification during construction after approval by the Denver Office.

Soil data shown on the plans is obtained from best available testing laboratory information. This information is shown for the convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction, the grading plan shown on the plans will be modified where necessary to secure dense, stable embankments.

FINAL CONSTRUCTION
AS CONSTRUCTED
REVISED

PROJECT NO. F025-114
SHEET NO. 12
N.E. 1/4 Sec. 6



N.E. 1/4 Sec. 6

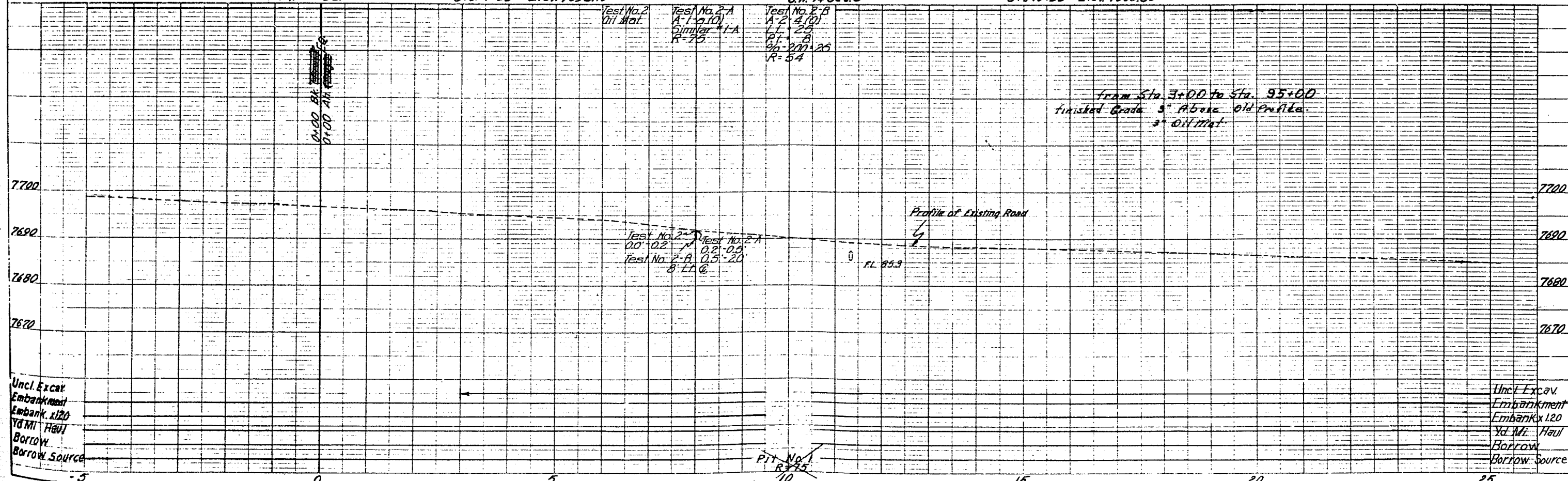
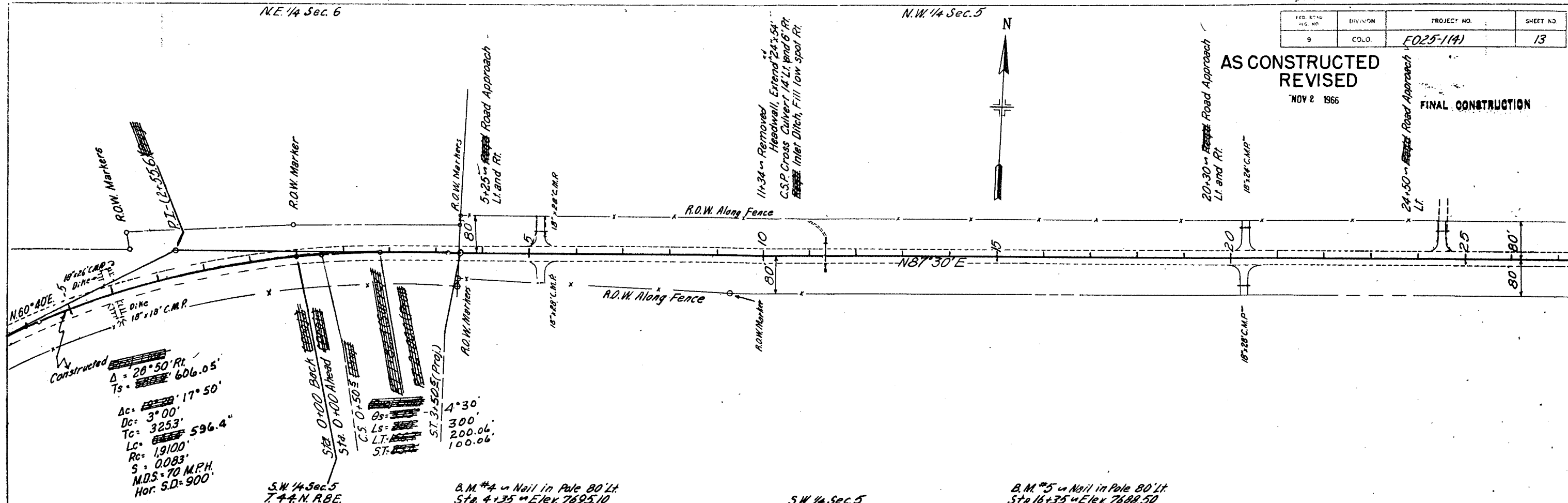
N.W. 1/4 Sec. 5

FED. ROAD DIST. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	F025-1(4)	13

AS CONSTRUCTED
REVISED

NOV 2 1966

FINAL CONSTRUCTION

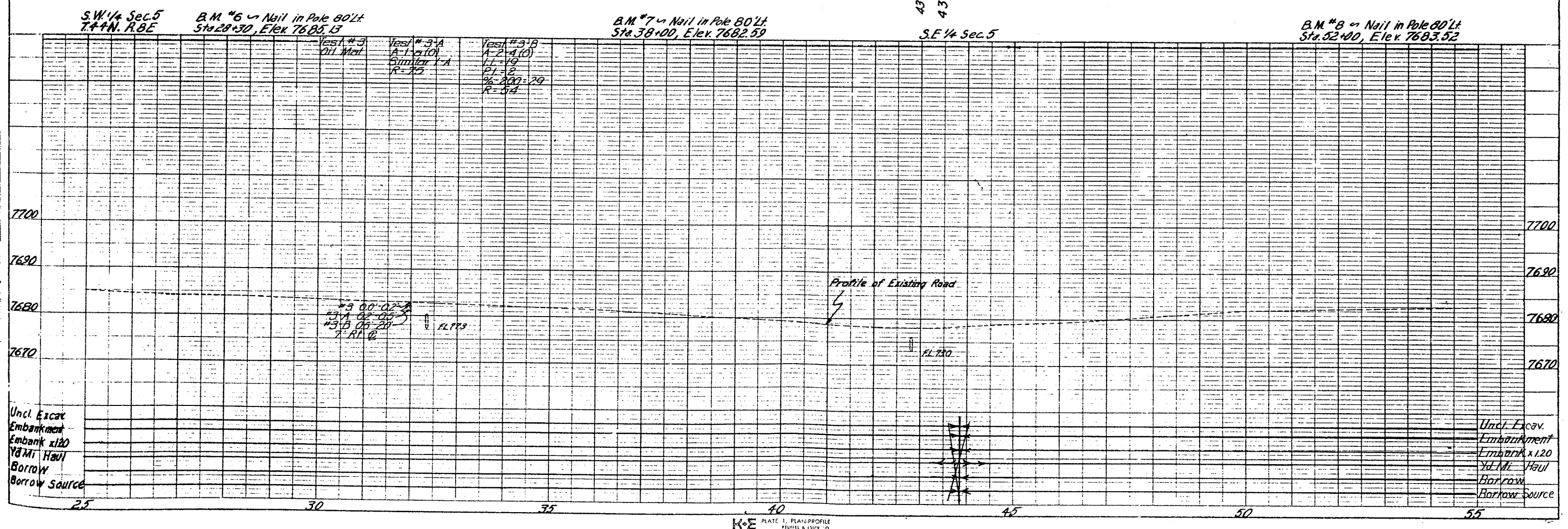
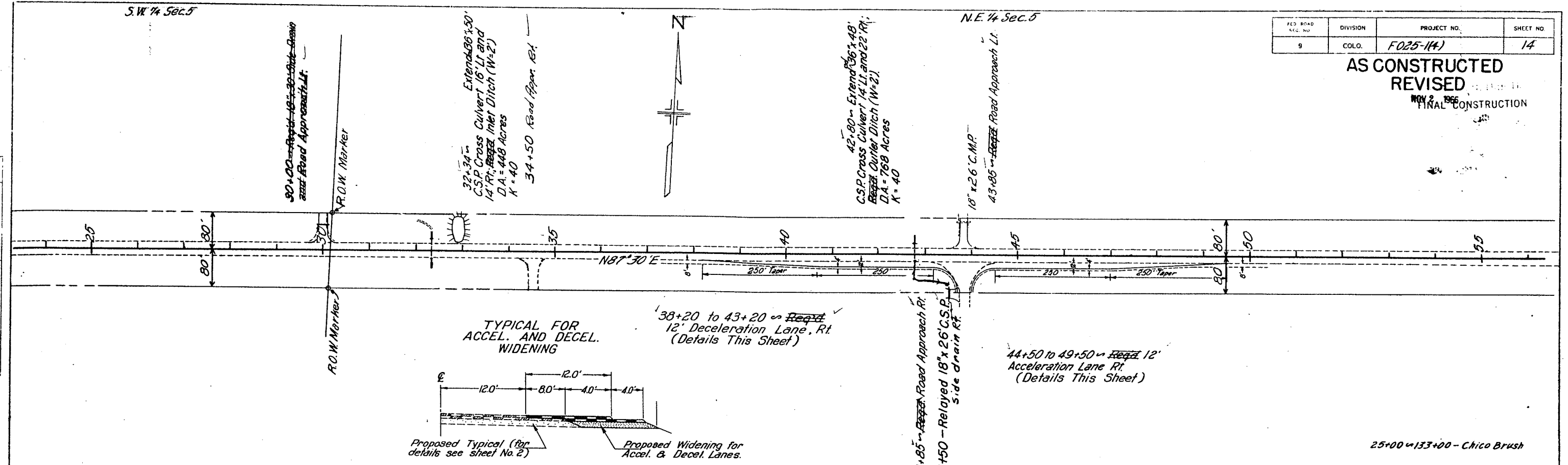


S.W. 1/4 Sec. 5

N.E. 1/4 Sec. 5

FED. ROAD DIST. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	F025-114	14

AS CONSTRUCTED
REVISED
NOV 2 1966
FINAL CONSTRUCTION



N.E. 1/4 Sec. 5

N.W. 1/4 Sec. 4

FED. ROAD REC. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	F025-114	15

N.E. 1/4 Sec. 4 AS CONSTRUCTED
REVISED

Extend 24' x 52'
C.S.P. Cross Culvert 14' Lt. and
6' Rt. ~~Extend~~ Inlet Ditch, Fill Low
Area, Rt. (See Details on Sheet 8.)

73+00 ~ Extend 24' x 48' C.S.P. Cross
Culvert 18' Lt. and 8' Rt. ~~Extend~~ Inlet
Ditch, Fill Low Area, Rt. (See Details
on Sheet 8.)

78+00 ~ Extend 30' x 54'
C.S.P. Cross Culvert 14' Lt. and 6' Rt.
Ditches
D.A. = 1.0 Sq. Mi.
K = 40

81+00 ~
Extend 36' x 80' C.S.P. Cross
Culvert 16' Lt.
Inlet Ditch (W = 2'), D.A. = 1.0 Sq. Mi.
K = 40

R.O.W. Marker

R.O.W. Marker

R.O.W. Marker

79+33 ~ ~~Extend~~ Road Approach Lt.

B.M. #9 ~ Nail in Pole 80' Lt.
Sta. 63+60, Elev. 7685.45

B.M. #10 ~ Nail in Pole 80' Lt.
Sta. 76+00, Elev. 7688.80

Test #4
Oil Mat
A-1-6(10)
R = 75

Test #4-B
A-2-4(10)
A-1-6(10)
R = 75

Test #5
Oil Mat
A-1-6(10)
A-2-4(10)
R = 75

Test #5-B
A-2-4(10)
A-1-6(10)
R = 75

Profile of Existing Road

Pit No 1
R = 75

Undl. Excav.
Embankment
Embank x 120
1d Mi. Haul
Borrow
Borrow Source

N.E. 1/4 Sec. 4
T-44N-R-8E
89+75 Road Appr. Lt.
90+00-
Extend 24' x 50'
C.S.P. Cross Culvert 14' Lt. and 6' Rt.
Ditches (See Details on sheet 8).

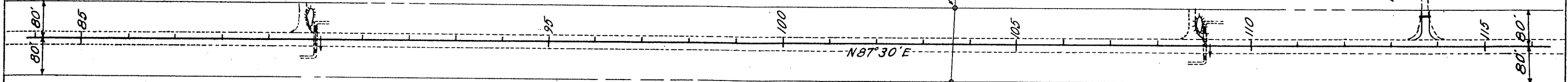
N.W. 1/4 Sec. 3

108+80 Road Appr. Lt.
109+00-
Extend 24' x 50'
C.S.P. Cross Culvert 12' Lt. and 6' Rt.
Ditches (See Details on sheet 8).

113+75-113+80 Side
Drain and Road Approach Lt.

FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	F025-1441	16

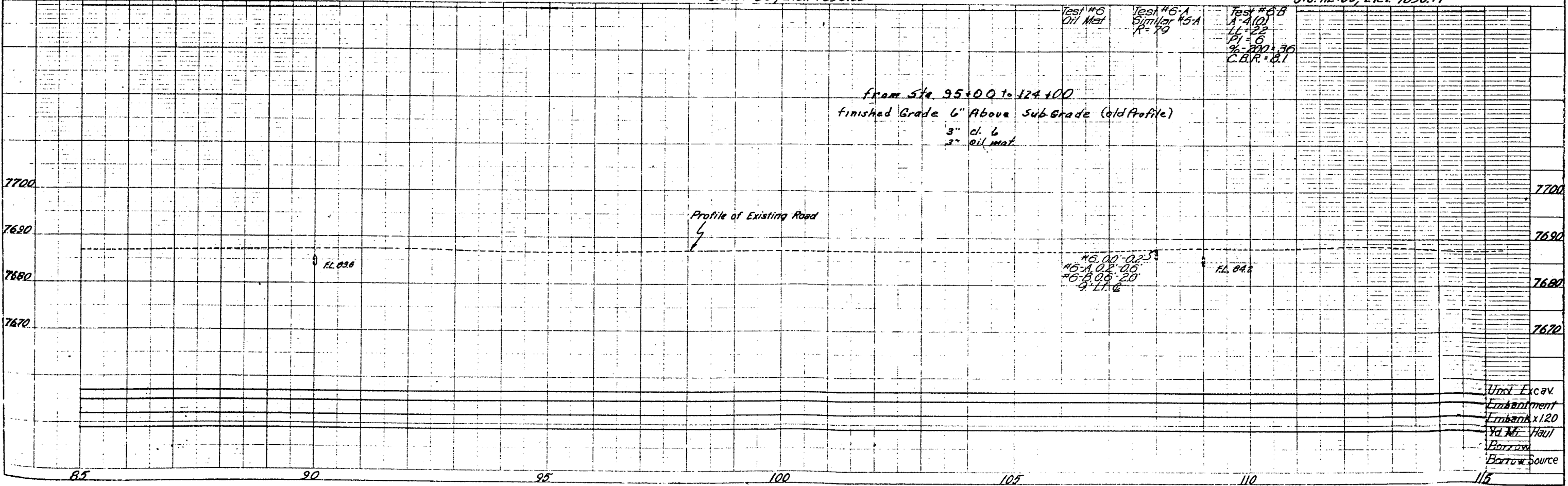
AS CONSTRUCTED
REVISED
FINAL CONSTRUCTION



B.M. #11 - Nail in Pole 80' Lt.
Sta. 87+30, Elev. 7682.44

B.M. #12 - Nail in Pole 80' Lt.
Sta. 100+30, Elev. 7690.39

B.M. #13 - Nail in Pole 80' Lt.
Sta. 112+50, Elev. 7690.14



N.W. 1/4 Sec. 3
T. 44 N., R. 8 E.

N.E. 1/4 Sec. 3

FED. POST LEG. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO. "	F025-11(4)	17

AS CONSTRUCTED
REVISED
FINAL CONSTRUCTION

NOV-2 1966



132+00 - Removal of Headwall, Extended
Double 30"x48" C.S.P. Cross Culvert
18' Lt. and 6' Rt.; Inlet Ditch (W-5)
D.A. = 960 Acres
K = 40

136+10 - ~~Headwall~~ Road Approach
Lt.

P.T. 143+00

N 89° 30' E

N 87° 30' E

$\Delta = 2' 00"$ Rt.
 $D = 0' 30"$
 $T = 200.0'$
 $L = 400.0'$
 $R = 11,460.0'$
 $S = R.C.$
 $M.D.S. = 70 \text{ mph}$
 $\text{Hor. S.S.D.} > 1300'$

141+00 - ~~Headwall~~ 18"x26" Side
Drain and Road Approach Rt.

133+00 - 145+00 - Greasewood

B.M. #14 - Nail in Pole 80' Lt.
Sta. 124+30, Elev. 7688.92

U.S.G.S. BENCH
U.S.G.S. X-171, Conc. Post near
Fence Corner 600' Rt. Sta. 124+30, Elev. 7674.57

B.M. #15 - Nail in Pole 80' Lt.
Sta. 137+00, Elev. 7693.62

B.M. #16 - Nail in Power Pole 80' Lt.
Sta. 145, Elev. 7703.60

Test #7
Oil Mat

Test #7-A
A-1 B(0)
Similar #5A
R = 79

Test #7-B
A-2 A(0)
LT = 22
PI = 5
% = 2.00 = 34
R = 54

Rock Cut
Sta. 143+00 to 143+75 Lt.
Sta. 142+50 to 144+00 Rt.

From Sta. 136+00 to 154+00
Finished Grade 8" Above old Profile Gr.
2" cl. 5
3" gr. 2
3" oil mat

From Sta. 124+00 to Sta. 136+00
Finish Grade 3" above old Profile.
3" Oil Mat

Profile of Existing Road

Profile of Subgrade at S

* 7.00' - 0.25'
* 7-A 0.25' - 0.5'
* 7-B 0.5' - 2.0'
7 Rt. G

2" A.B.L. Class 3

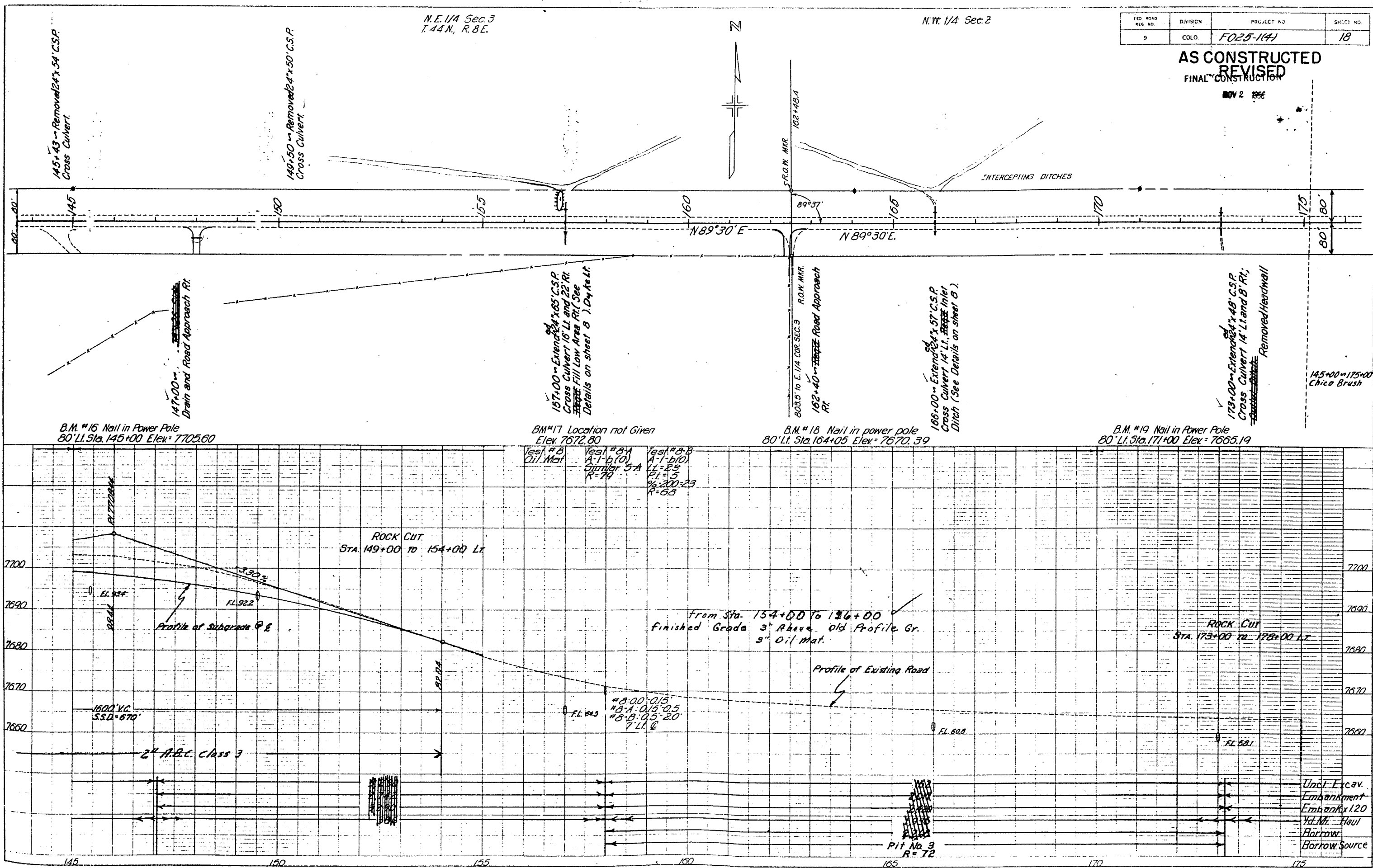
Und. Excav.
Embankment
Embank x 120
Vol. Mt. Haul
Borrow
Borrow Source

N.E. 1/4 Sec. 3
T. 44 N., R. 8 E.

N.W. 1/4 Sec. 2

FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	F025-141	18

AS CONSTRUCTED
REVISED
FINAL CONSTRUCTION
NOV 2 1956



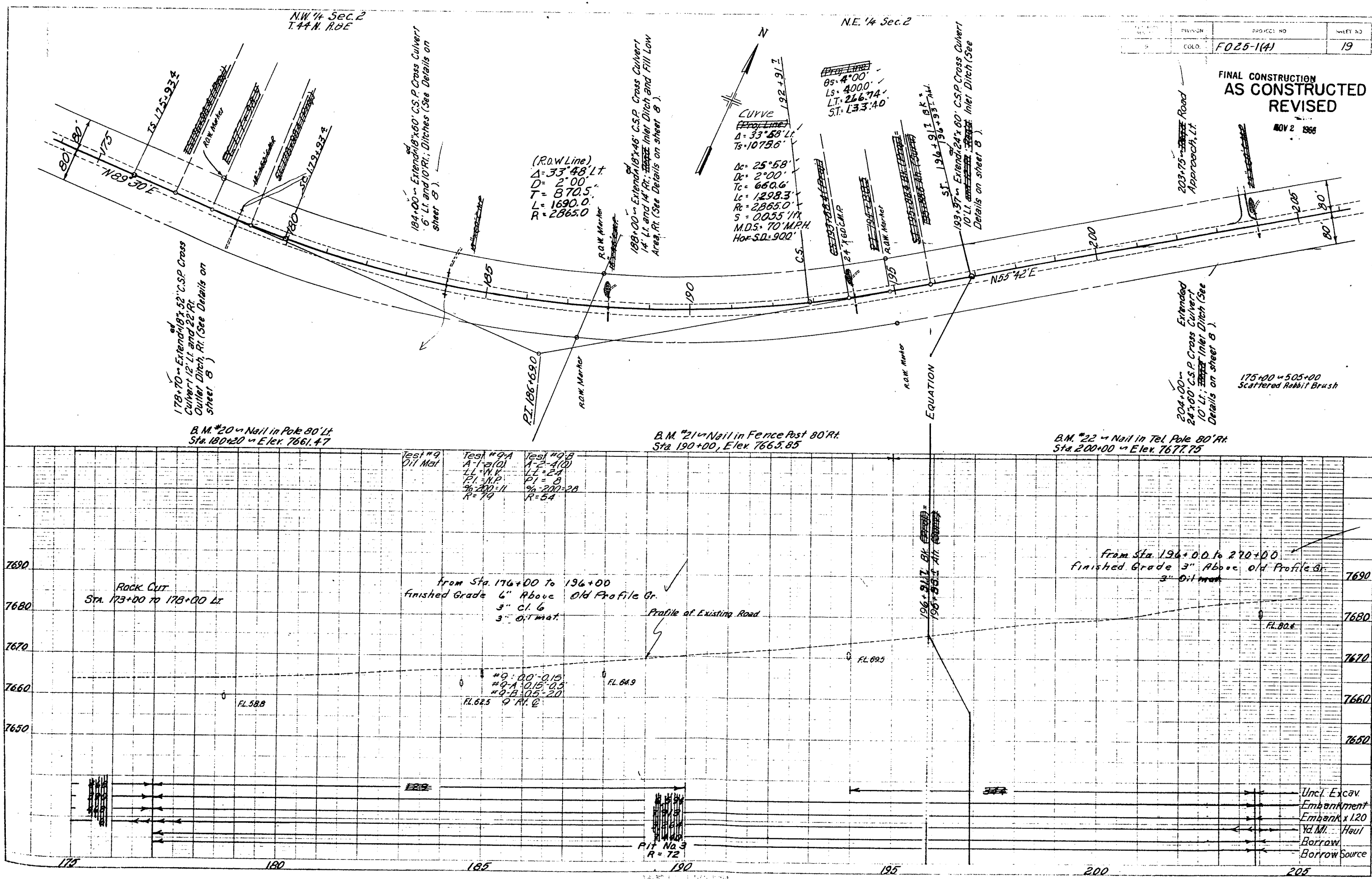
N.W. 1/4 Sec. 2
T.44N. R.0E

N.E. 1/4 Sec. 2

PROJECT NO.	F025-1(4)	SHEET NO.	19
INVENOR			
COLOR			

FINAL CONSTRUCTION
AS CONSTRUCTED
REVISED

NOV 2 1966



178+70 - Extend 18' x 52' C.S.P. Cross Culvert 12' Lt. and 22' Rt. (See Details on sheet 8)

B.M. #20 - Nail in Pole 80' Lt
Sta. 180+20 - Elev. 7661.47

(R.O.W. Line)
Δ = 33° 48' Lt
D = 2' 00'
T = 870.5'
L = 1690.0'
R = 2865.0'

188+00 - Extend 18' x 46' C.S.P. Cross Culvert 14' Lt. and 14' Rt. (See Details on sheet 8)

CURVE
Δ = 33° 58' Lt
Ts = 1079.6'
Lc = 25' 58'
Dc = 2' 00'
Tc = 660.6'
Lc = 1298.3'
R = 2865.0'
S = 0.055 1/1%
M.D.S. = 70 M.P.H.
Hor. S.D. = 900'

193+97 - Extend 24' x 60' C.S.P. Cross Culvert 10' Lt. (See Details on sheet 8)

204+00 - Extended 24' x 60' C.S.P. Cross Culvert 10' Lt. (See Details on sheet 8)

175+00 - 505+00
Scattered Rabbit Brush

B.M. #21 - Nail in Fence Post 80' Rt
Sta. 190+00, Elev. 7665.85

B.M. #22 - Nail in Tel. Pole 80' Rt
Sta. 200+00 - Elev. 7677.75

Test #9 Oil Mat	Test #9-A A-1-2(10) LL = 11.1 PI = 11.1 % 200 = 11 R = 79	Test #9-B A-2-4(10) LL = 24 PI = 8 % 200 = 28 R = 54
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From Sta. 176+00 to 196+00
Finished Grade 6" Above Old Profile Gr.
3" Cl. 6
3" O.T. Mat.

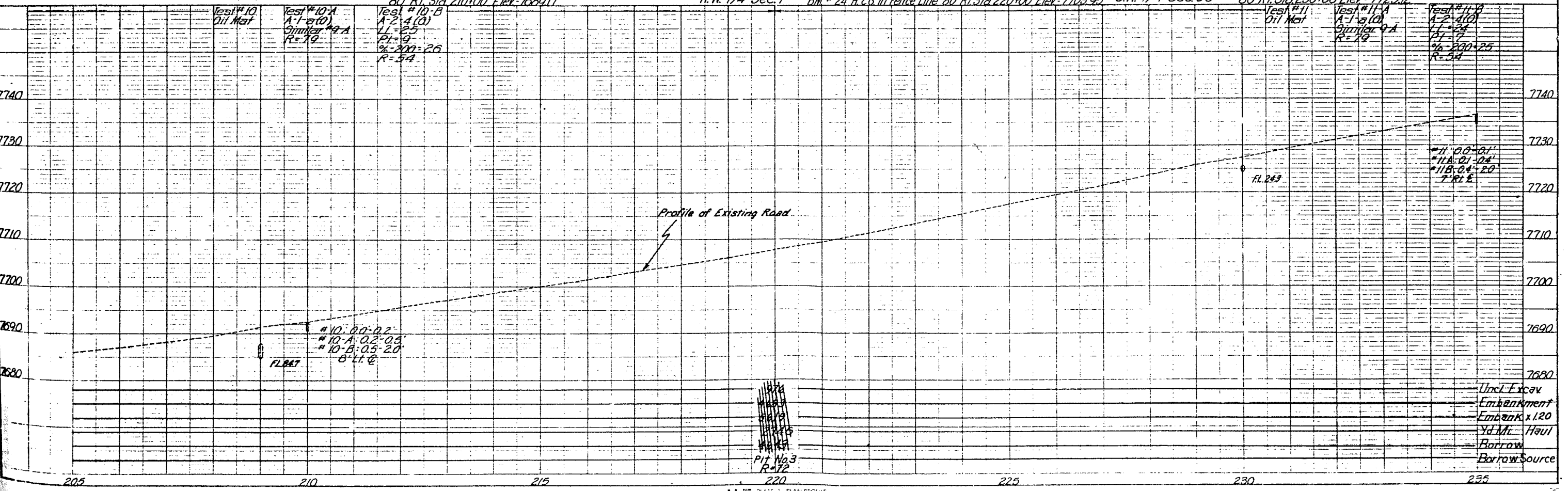
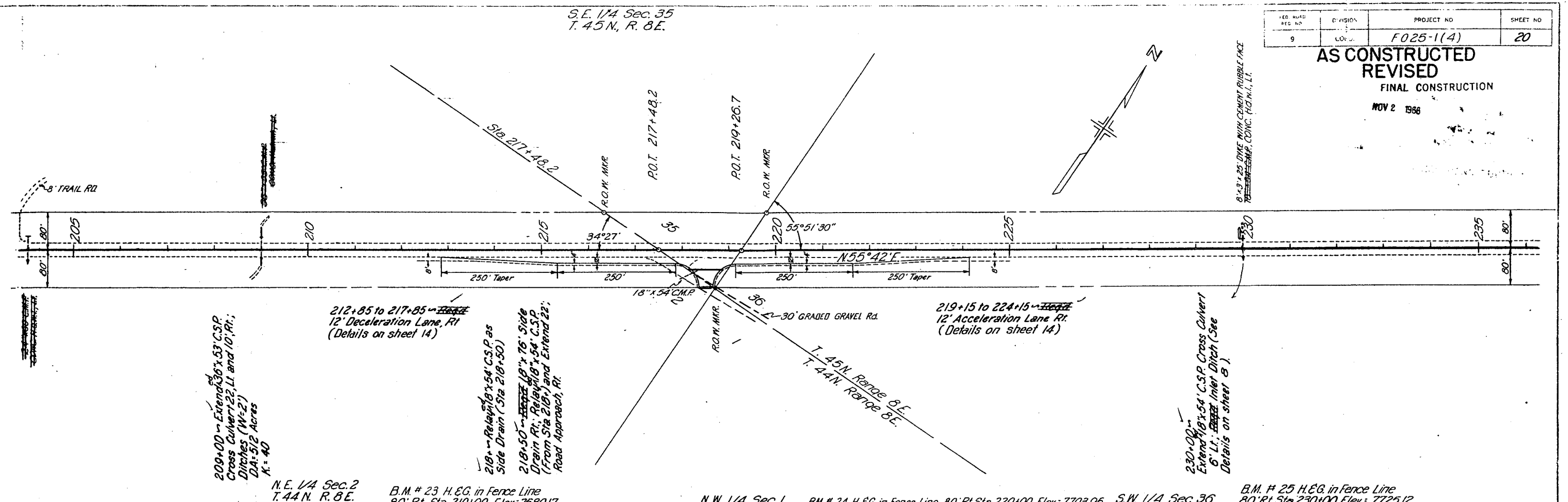
From Sta. 196+0.0 to 200+00
Finished Grade 3" Above Old Profile Gr.
3" O.T. Mat.

- Uncl. Excav.
- Embankment x 1.20
- Yd. M. Haul
- Borrow
- Borrow Source

ED. HUBB	DIVISION	PROJECT NO.	SHEET NO.
REG. NO.	LOC.	F025-1(4)	20

AS CONSTRUCTED
REVISED
FINAL CONSTRUCTION
NOV 2 1986

S.E. 1/4 Sec. 35
T. 45 N., R. 8 E.

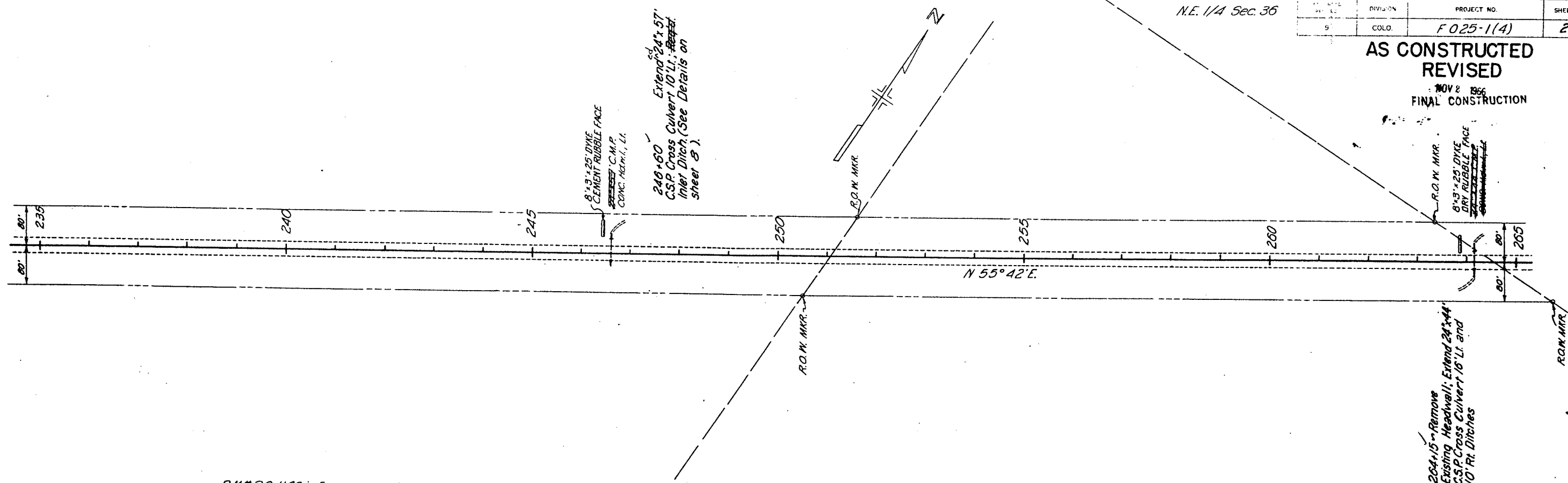


N.E. 1/4 Sec. 36

PL. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	F 025-1(4)	21

AS CONSTRUCTED
REVISED

NOV 2 1966
FINAL CONSTRUCTION

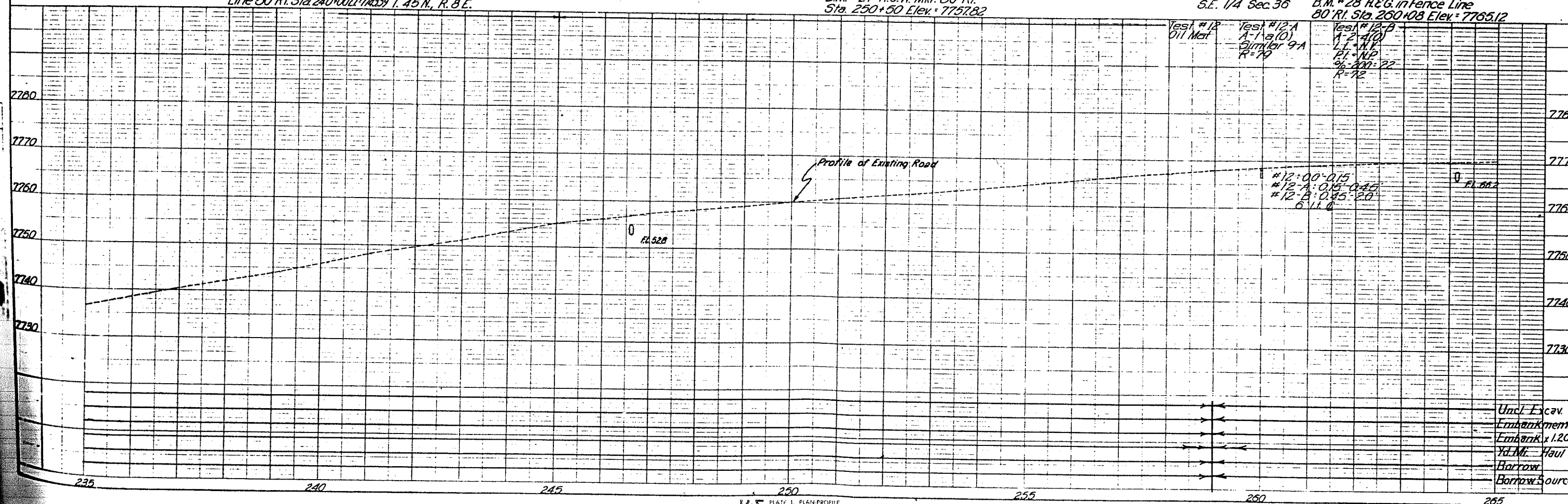


B.M. #26 H.E.G. in fence S.W. 1/4 Sec. 36
Line 80' Rt. Sta. 240+00 Elev. 7743.39 T. 45 N., R. 8 E.

B.M. #27 R.O.W. Mkr. 80' Rt.
Sta. 250+50 Elev. 7757.82

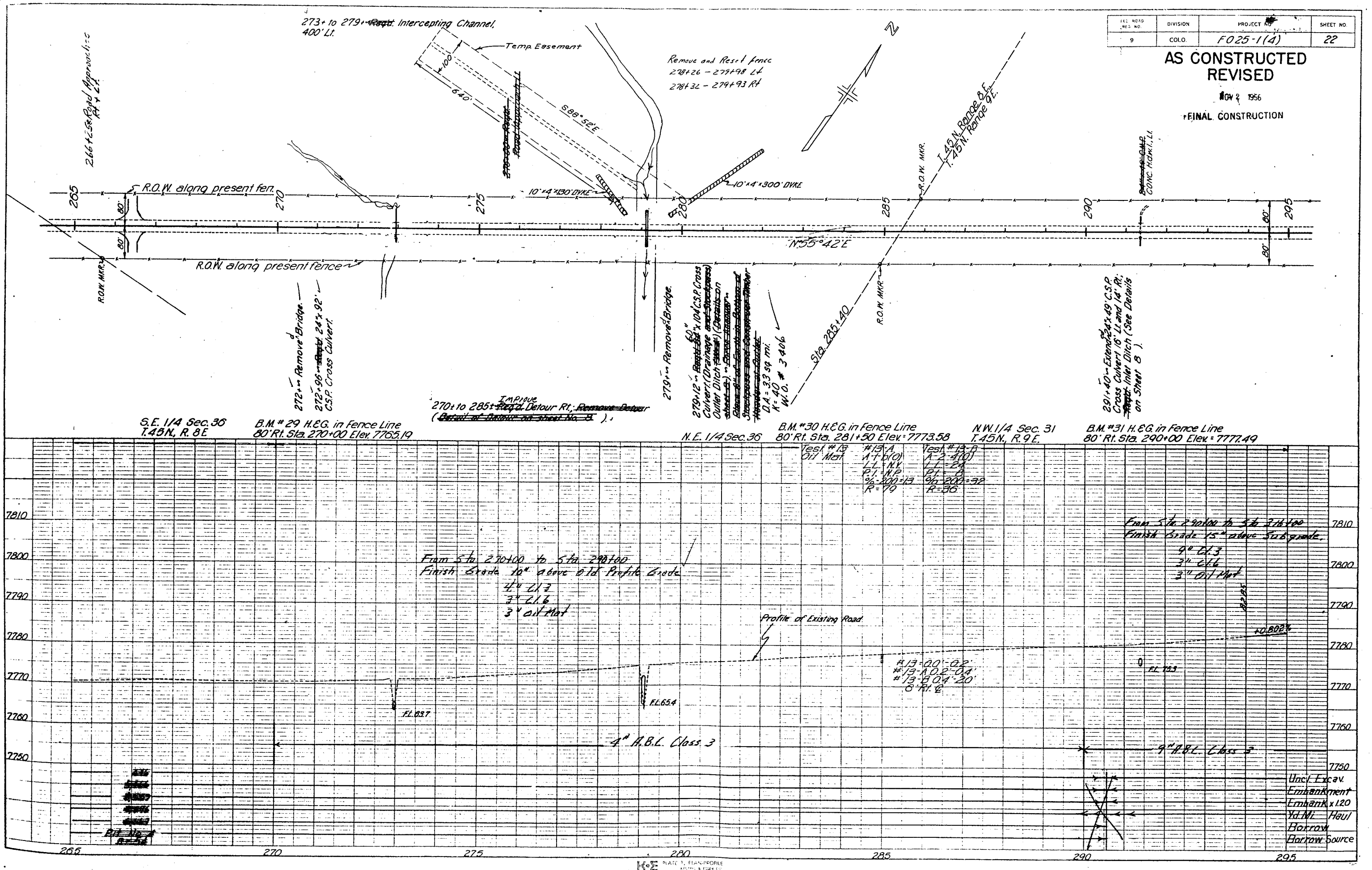
S.E. 1/4 Sec. 36

B.M. #28 H.E.G. in Fence Line
80' Rt. Sta. 260+08 Elev. 7765.12



FILE NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	F025-1(4)	22

AS CONSTRUCTED
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NOV 2 1956
FINAL CONSTRUCTION



PLAN
SECTION
DETAIL

SW 1/4 Sec. 30

FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	F025-114	23

AS CONSTRUCTED
REVISED

NOV 2 1966
FINAL CONSTRUCTION

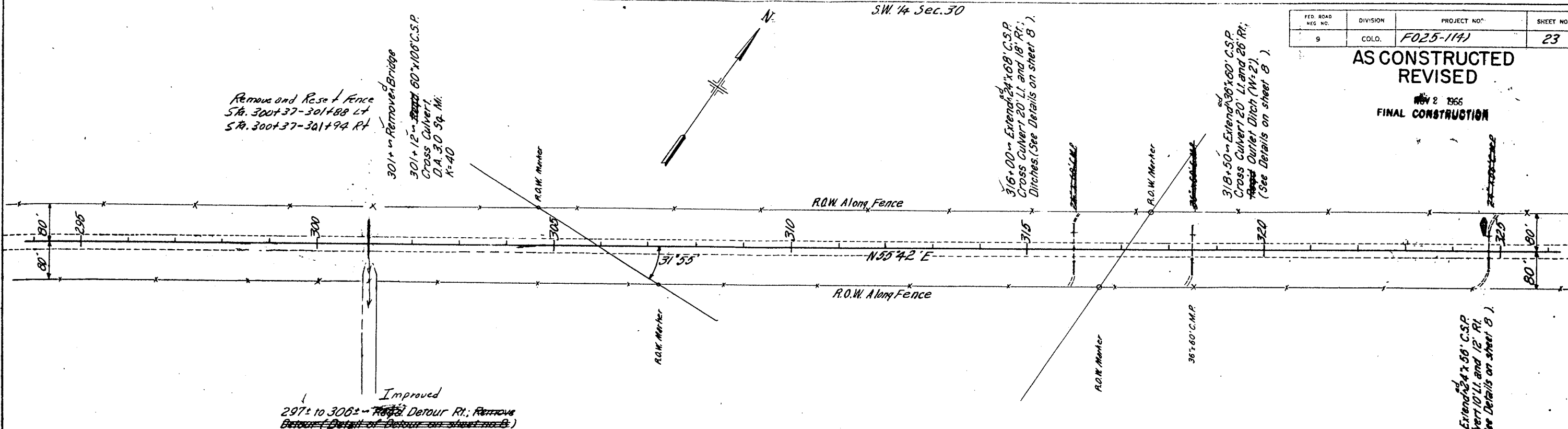
Remove and Reset Fence
Sta. 300+37-301+88 Lt
Sta. 300+37-301+94 Rt

301+00 Remove Bridge
301+12 12" x 12" 60' x 100' C.S.P.
Cross Culvert
D.A. 30 Sq. Mi.
K=40

316+00 24" x 60' C.S.P.
Cross Culvert 20' Lt and 18' Rt.
Ditches (See Details on sheet 8)

318+50 24" x 60' C.S.P.
Cross Culvert 20' Lt and 26' Rt.
Outlet Ditch (W-21)
(See Details on sheet 8)

324+75 24" x 60' C.S.P.
Cross Culvert 10' Lt and 12' Rt
Ditches (See Details on sheet 8)
Ditch Lt



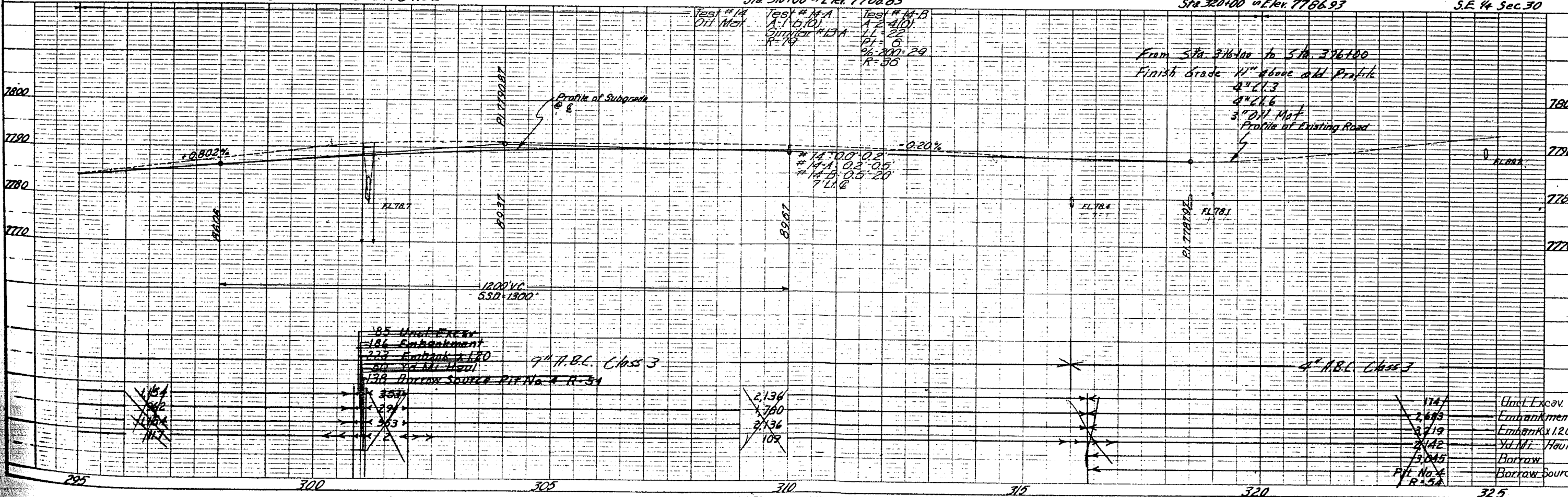
NW 1/4 Sec. 31
T. 45 N. R. 9 E.

B.M. #32 1/2 Nail in Fence Post 80' Rt.
Sta. 300+25 1/2 Elev. 7784.82

B.M. #33 1/2 Hub & Guard in Fence Line 80' Rt.
Sta. 310+00 1/2 Elev. 7788.83

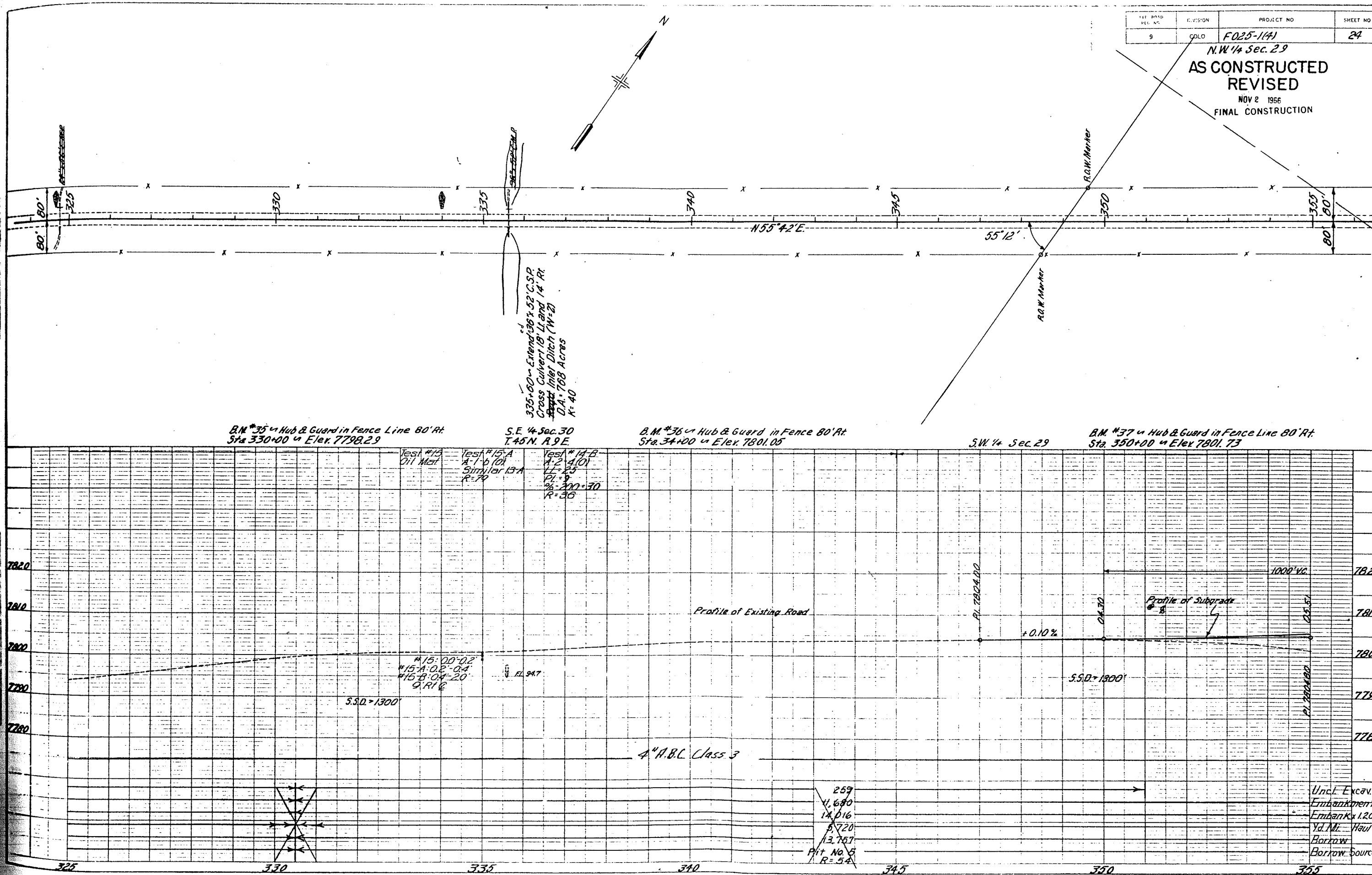
B.M. #34 1/2 Hub & Guard in Fence Line 80' Rt.
Sta. 320+00 1/2 Elev. 7786.93

SE 1/4 Sec. 30



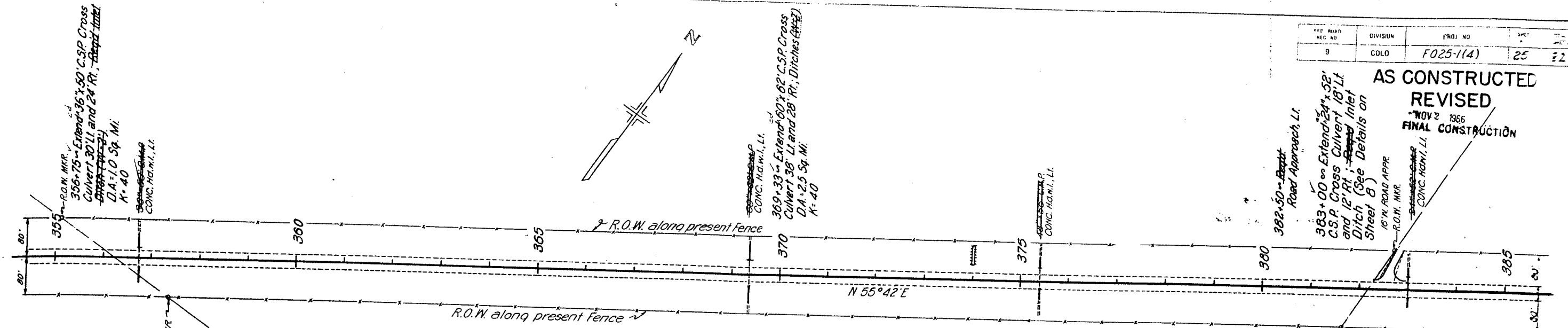
REF. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.
9	COLO.	F025-1141	24

N.W. 1/4 Sec. 29
**AS CONSTRUCTED
 REVISED**
 NOV 2 1956
 FINAL CONSTRUCTION



KEY ROAD	DIVISION	PROJ. NO.	SHEET
REC. NO.	9	COLO	F025-1(4)
			25

AS CONSTRUCTED
REVISED
NOV 2 1956
FINAL CONSTRUCTION



S.W. 1/4 Sec. 29
T. 45N, R. 9E.

U.S.G.S. B.M. #2-171-1000
Rt. Sta. 358+00 Elev. = 7778.29

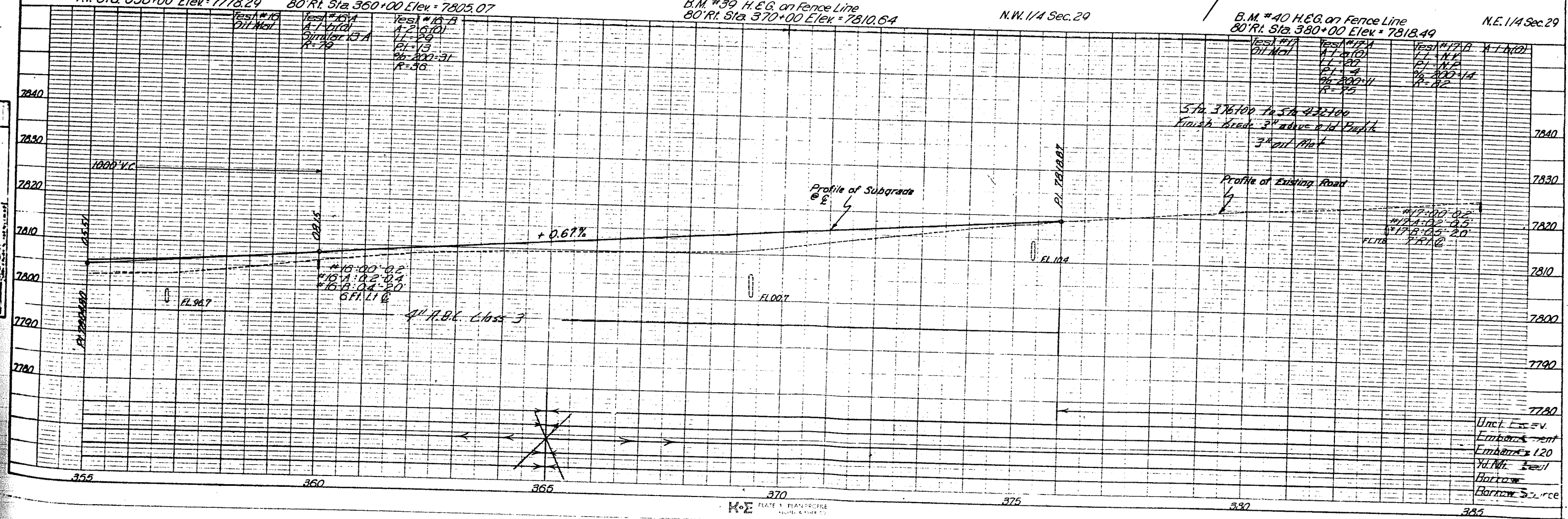
B.M. #38 H.E.G. in Fence Line
80' Rt. Sta. 360+00 Elev. = 7805.07

B.M. #39 H.E.G. on Fence Line
80' Rt. Sta. 370+00 Elev. = 7810.64

N.W. 1/4 Sec. 29

B.M. #40 H.E.G. on Fence Line
80' Rt. Sta. 380+00 Elev. = 7818.49

N.E. 1/4 Sec. 29



S.E. 1/4 Sec 20

FILE NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
9	COLO	F025-1(4)	26	82

AS CONSTRUCTED
REVISED

NOV 2 1961

FINAL CONSTRUCTION

390+95 ∞ Removed Headwall;
Extend 24' x 46' C.S.P. Cross
Culvert 16' Lt. & 8' Rt.

414+00 ∞ Extend 24' x
52' C.S.P. Cross Culvert
10' Lt. & 18' Rt. Ditches
(Details on Sheet 8)

414+50 ∞ Road Approach
& Cattle Guard,
Rt.

413+35 to 418+35 ∞
12' Acceleration
Lane, Rt. (Details on
Sheet 14)

407+05 to 412+05 ∞
12' Deceleration
Lane, Rt. (Details on
Sheet 14)

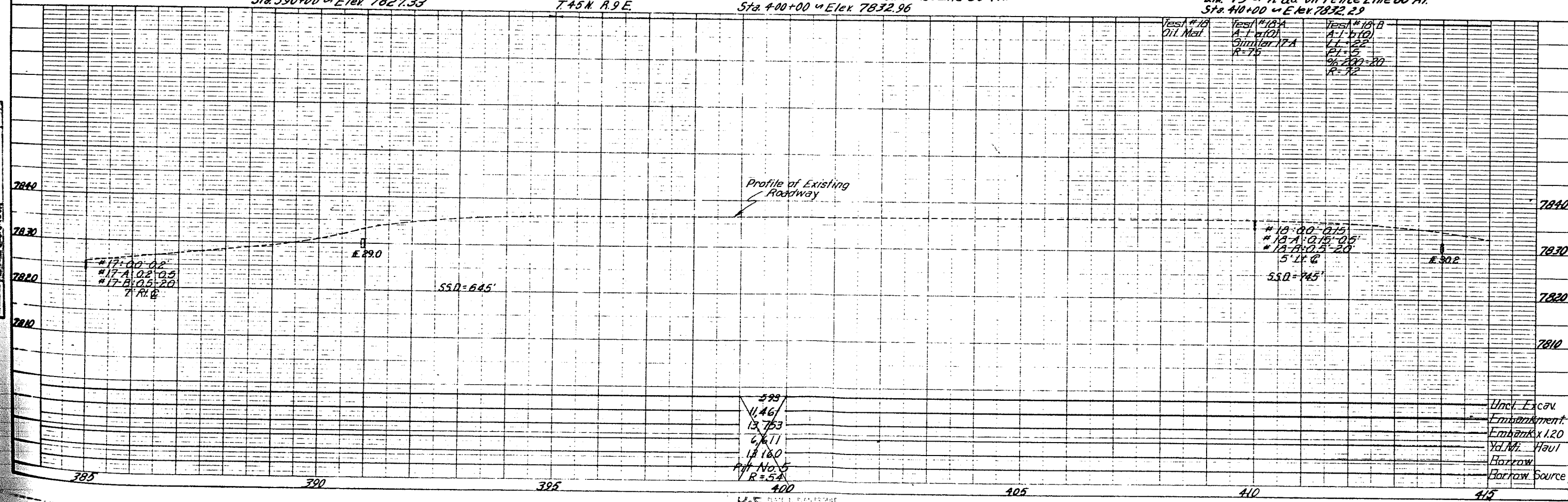
412+70 ∞ Road
Approach, Rt.

B.M. #41 ∞ Hub & Guard in Fence Line 80' Rt.
Sta. 390+00 ∞ Elev. 7827.33

N.E. 1/4 Sec. 29
T. 45 N. R. 9 E.

B.M. #42 ∞ Hub & Guard on Fence Line 80' Rt.
Sta. 400+00 ∞ Elev. 7832.96

B.M. #43 ∞ H. & G. on Fence Line 80' Rt.
Sta. 410+00 ∞ Elev. 7832.29

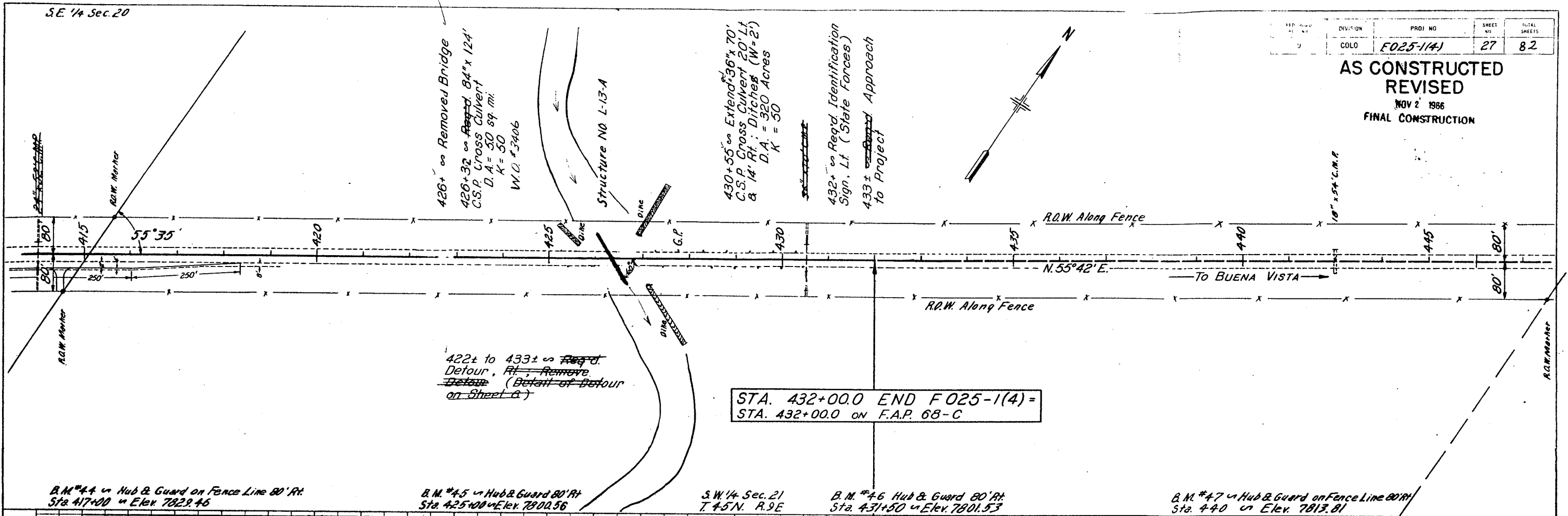


593
11.46
13.753
6.611
13.160
Rt. No. 5
R=54

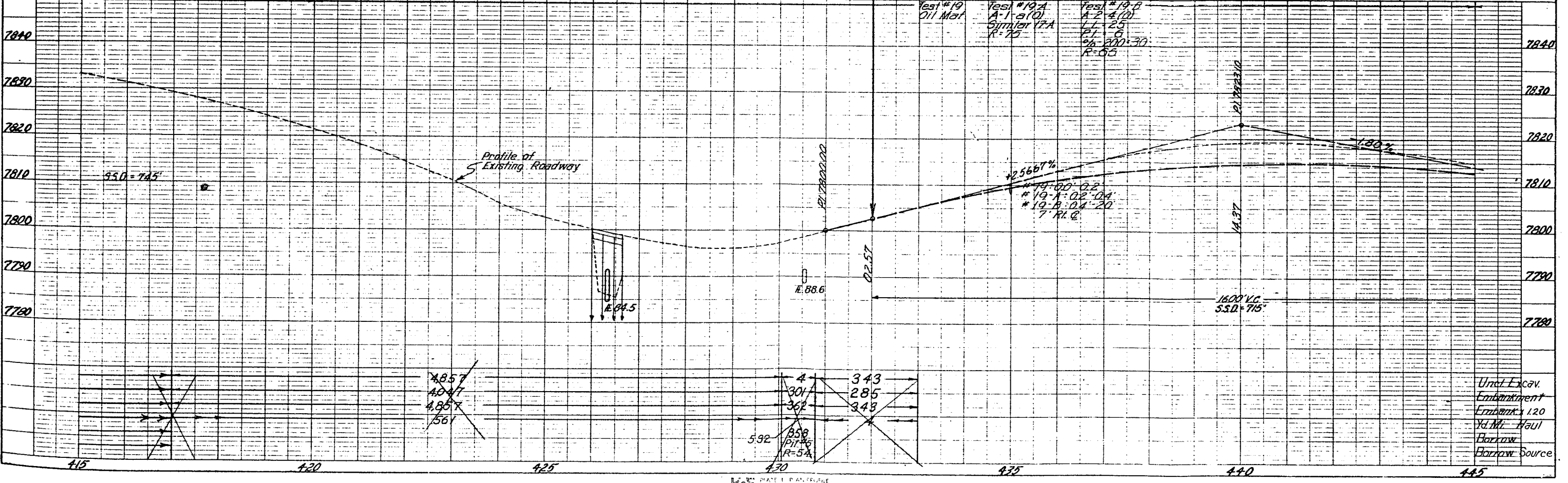
S.E. 1/4 Sec. 20

DIVISION	PROJ NO	SHEET NO	TOTAL SHEETS
COLO	F025-1(4)	27	82

AS CONSTRUCTED
REVISED
NOV 2 1966
FINAL CONSTRUCTION



STA. 432+00.0 END F025-1(4) =
STA. 432+00.0 ON F.A.P. 68-C



Und. Excav.
Embankment
Embankment
Yd. M. Haul
Borrow
Borrow Source