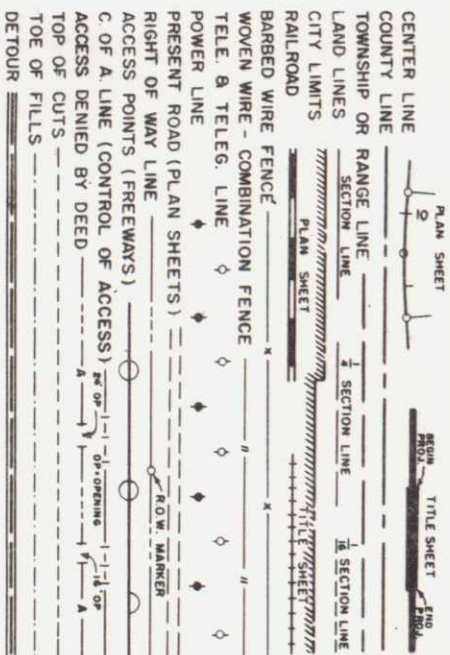


CONVENTIONAL SIGNS



TABULATION OF LENGTH AND DESIGN DATA

STATION	ROADWAY
625+19.2 Bk. = } Begin S 0024(23) 5.5' LT. 625+19.4 Ah. } End S 0024(14) ON S 0024(13) NO WORK SECTION	280.5
627+99.9 Bk. = } Equation 628+00.0 Ah. }	4,716.3
675+16.3 Bk. = } Equation 675+16.2 Ah. }	5,268.9
727+85.1 } (West City Limit of Ault)= 727+85.1 } End S 0024(13) NO WORK SECTION	264.9
730+50.0 } End S 0024(23)	
TOTAL	10,530.6

SUMMARY	
Lin. Ft.	Miles
NET AND GROSS LENGTH OF PROJECT	10,530.6 / 1.991

DESIGN DATA

MAXIMUM GRADE 3.225%
MAXIMUM DEGREE OF CURVE 15°
MINIMUM 5.5 D. - HORIZONTAL
MINIMUM 5.5 D. - VERTICAL
MAXIMUM DESIGN SPEED 70 MPH

DEPARTMENT OF HIGHWAYS
STATE OF COLORADO

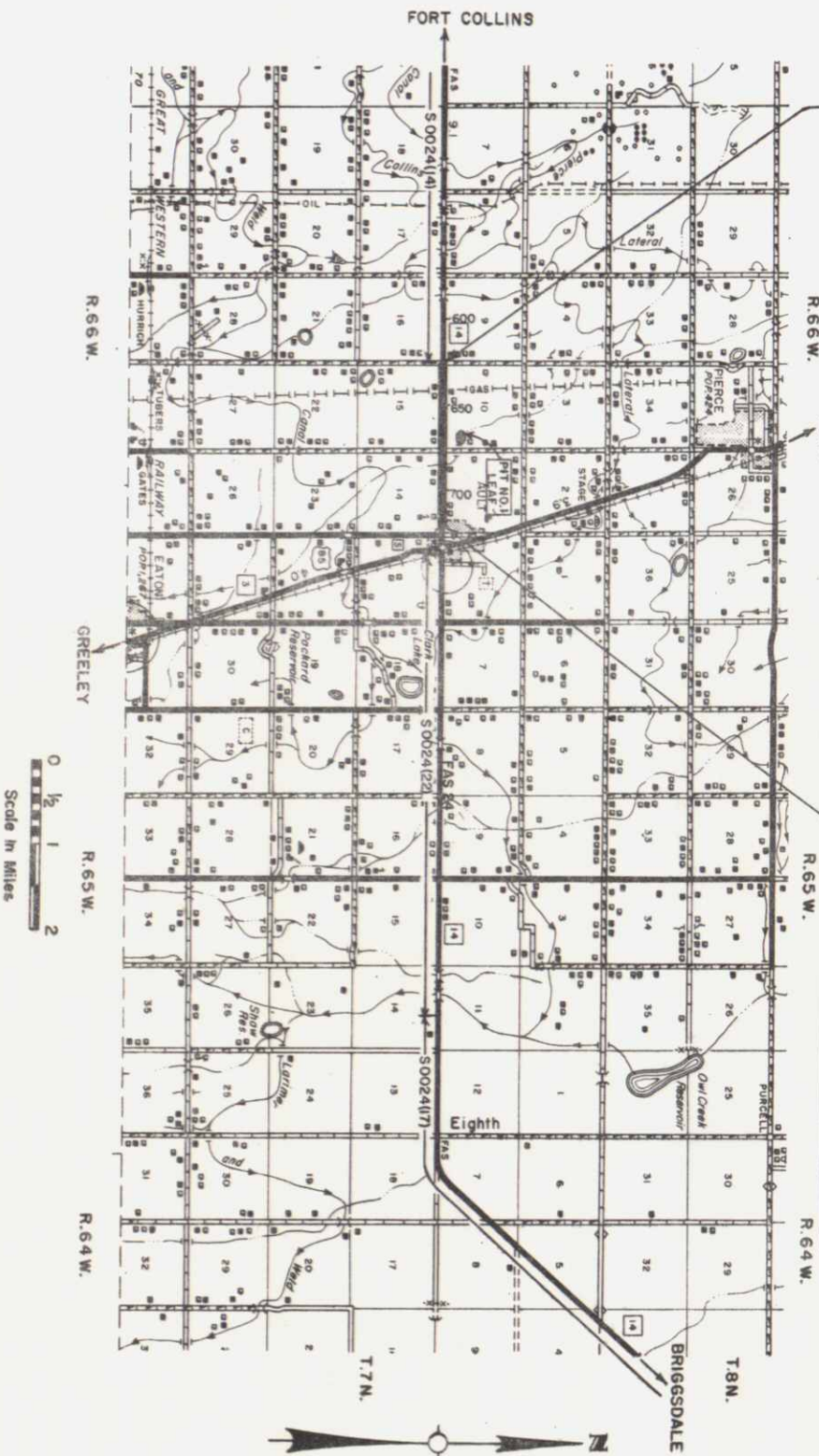
R.O.W. obtained on previous projects and S 0024(20)

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. S 0024(23)
STATE HIGHWAY NO. 14
WELD COUNTY

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

INDEX OF SHEETS

SHEET NO.	TITLE SHEET, SKETCH MAP & TABULATION OF LENGTH AND DESIGN DATA	2-3-64
1	TYPICAL SECTIONS & GENERAL NOTES	2-3-64
2	SUMMARY OF APPROXIMATE QUANTITIES	8-24-64
3-4	LIST OF STRUCTURE QUANTITIES	2-1-65
5-6	SUBBASE & SURFACING PLAN, SUMMARY OF EARTHWORK QUANTITIES, DELINEATORS, R.O.W. MARKERS & FENCING	6-26-64
7	PIT SKETCH	2-3-64
8	DETAILS OF CONCRETE DITCH PAVING, HEADWALL FOR SIPHONS, DIVISION BOX STA. 625+ LT	1-31-64
9	& DIVISION BOX STA 679+ & DETAILS FOR SIPHONS	8-24-64
10-13	ALIGNMENT PLAN & PROFILE SHEETS	2-1-65
14	PLAN SHEET & DETAIL OF INLET, STA. 729+	6-26-64
15-17	STRUCTURE CROSS SECTIONS	2-3-64
18-19	ROADWAY CROSS SECTIONS, STA. 722+ TO 729+	2-3-64
	SUPERELEVATION AND WIDENING OF CURVES - CROWNED HIGHWAYS	4-8-65
M-1-D	APPROACH ROADS, FLARING, CUT SLOPE TREATMENT, BRIDGE & CREST WIDENING	1-31-64
M-2-A	CONSTRUCTION TRAFFIC SIGNS	2-3-64
M-6-B	TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION	2-1-65
M-6-CA	IDENTIFICATION SIGNS	2-3-64
M-13-A	DITCH TYPES	2-3-64
M-16-A	BACKFILL AROUND STRUCTURES	2-3-64
M-16-B	CULVERT PIPE	2-3-64
M-45-B	NO. 12 AND NO. 13 CONCRETE INLETS	2-3-64
M-46-A	REINFORCED CONCRETE PIPE	2-3-64
M-52-A	C.M.P. SIPHON	2-3-64
M-55-A	WIRE FENCES AND GATES	2-3-64
M-76-A	MARKER POSTS AND BENCH MARKS	2-3-64
M-81-A	CURBS AND GUTTERS	2-3-64
M-84-A	HEADWALLS AND APRONS FOR C.M.P. CULVERTS	2-3-64
M-95-A	TIMBER BARRICADES	2-3-64
M-102-AA	CONCRETE END AND ANGLE SECTIONS	2-3-64
M-152-A	DELINEATORS	2-3-64



AS CONSTRICTED PLANS
RETURN TO DIST. 4 DESIGN

SEE SPECIAL PROVISIONS FOR
NOTICE TO BIDDERS



APPROVED: *[Signature]* 4-20-65
CHIEF ENGINEER
DATE
By: *[Signature]* Deputy Chief
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

DIVISION ENGINEER

DATE

S.E. 1/4, Sec. 9
T.7 N., R.66 W.
620+00 - 625+19.2 Reg'd
Approach to Project
623+ - 624+ Reg'd Concrete
Lined Irrigation Ditch, Lt.
(See Detail Sheet No. 9)

625+ - 626+ Reg'd Concrete Lined
Irrigation Ditch, Lt. (See Detail Sheet No. 9)

BM#81 EL. 4967.81
Nail in RP
35 ft. L.S. 624+50

625+ - 626+ Reg'd Concrete Lined Irrigation
Ditch, Lt. (See Detail Sheet No. 9)

D.S.M.

RED. ROAD	STATE	PROJ. NO.	SHEET	TOTAL
DIST. NO.	COLO.	5022(23)	10	SHEETS

S.W. 1/4, Sec. 10
Rev 5/14/65 - R.L.M. - Power Line

NOTE BOOK
15893
NO. 15893
23736

623+ Reg'd Identification Sign,
Rt. (State Forces)
624+ Remove Division
Box, Rt.
BN# EL. 4979.56
Nail in T.P.
N.E. 1/4, Sec. 16
(PROJ. 2)
P.I. 621+932 (PROJ.)
 $\Delta = 0^\circ 57' 30''$ LT.

625+ Reg'd Approach to County
Road, Rt.
BN# EL. 4979.56
Nail in T.P.
N.E. 1/4, Sec. 16

STA. 625+19.2 BK.
BEGIN S 0024(23) 5.5' LT.
END S 0024(14)

640+20 Reg'd 43"x27"x36'
Cross Culvert with
Metal Aprons
on farm road Rt.
640+57
16" B.W. Gate

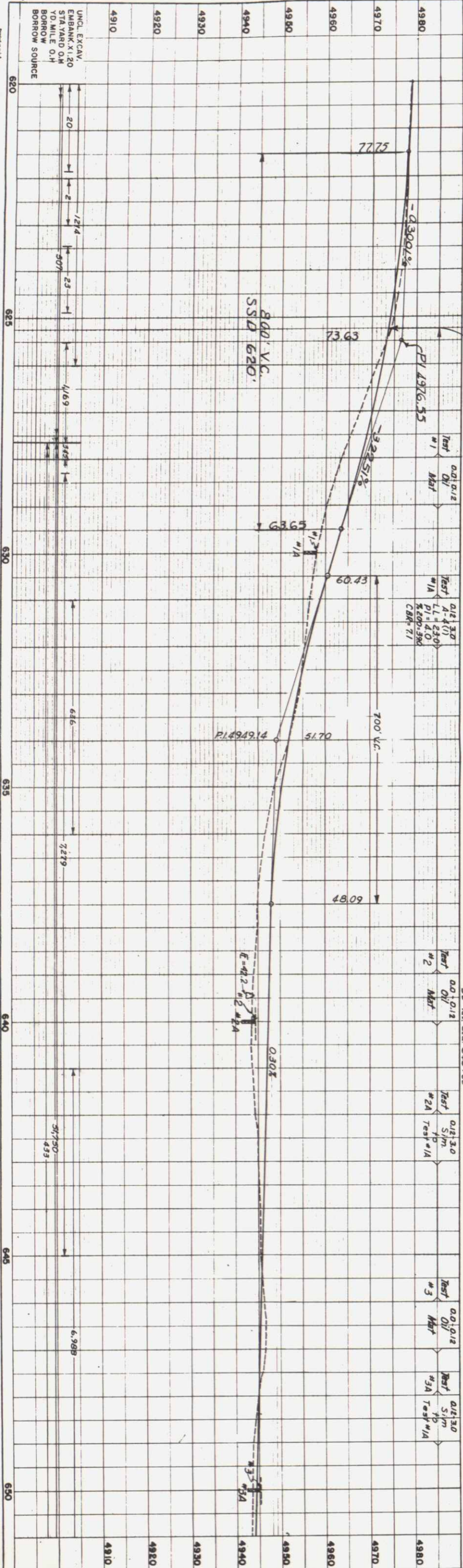
642+40 Reg'd road
approach Rt.
18"x30" C.P.
Side Drain

646+25 Reg'd 18"x32'
Side drain and
road approach Rt.

647+10 Reg'd 18"x28'
side drain and
road approach Rt.

N.W. 1/4, Sec. 15

Alignment and Grades as shown are 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
convenience of the Contractor and the Department does not
guarantee the accuracy of these tests. If materials not conform-
ing to the data on plans are encountered during construction the
grading plan shown on plans will be modified where necessary
to secure dense, stable embankment.



620

625

630

635

640

645

650

PLATE 1 - PLAN, PROFILE & P. & R. INFORMATION
FROM DISTRICT OF COLORADO

620

625

630

635

640

645

650

James J. Winter 10 9
R. C. Parsons 11 49

15889
15891
15892
25534
25830

PROFILE 1049
WINTER 1049
R.C. 1049
15895



N.E. 1/4, Sec. 15

N.W. 1/4, Sec. 14



North Weld County
Water District
12" Water Line

644 58
666+00 - Req'd 24' x 62' Cross
Culvert with End Section Lt.
and Riprap Rt. - 5' x 5' x 400'
(Equalizer Culvert) Ditch

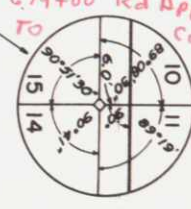
S.E. 1/4., Sec. 10

3	COLO.	5002
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D. S. Rev 5/4/65 - R.L.M. - Power Line

S.W. 1/4, Sec. 11

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	S0024(23)	11	



S.W. 1/4, Sec. 11
T.7N., R.66W.

Rev 5/14/65-R.L.M.-Power Line

FED. ROAD DIST. NO.	STATE	COLO.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3			50024(25)	12	

S.E. 1/4, Sec. 11

BM#87 EL. 4940.73
Nail in RP
40' Lt. 709+72

P.O.T. 710+00

Cultivation



682+90-Remove 30" CMP with headwalls. Req'd 48"x94 cross culvert with end sections. D.A. 1375+Acres

685+40-Req'd 18"x38' side drain and road approach Lt.

686+80-Req'd 18"x34' side drain and road approach Lt.

Pit Silo

16" W.W. Gate

Cherry Orchard

Div. Box

P.O.T. 690+00

Mail Box

Gas Line / Meter

691+01

693+07-Req'd Road Approach, Rt.

18"x24' Sd. Dr.

696+40-Req'd 18"x38' Side Drain & Road Approach, Rt.

695+50

Conc. Lined Ditch

16" B.W. Gate

696+80-Remove 20" V.C.T. Siphon and Portion of Inlet Box. Remove 28' of Concrete Lined Ditch. Req'd 24"x102' Siphon with Headwalls. (See Details Sheet No. 9)

697+95-Req'd Double Road Approach, Lt.

Potato Cellar

700

The Home Light & Power Co.

12" Water Line

703+63

705+40-Req'd 18"x50' Side Drain & Double Road Approach, Lt.

705

ROW Along Present ROW

708+65-Req'd 18"x30' Side Drain & Road Approach, Lt.

710

16" B.W. Gate

Near Pump House

8" Water

Main

710

40'

12" Steel Pipe



679+ Remove Outlet Box Rt and extend 12" VCT with 12"x52" Culvert Pipe. Req'd Division Box at Outlet. (See Detail Sheet No. 9)

38

679+00-12"x20' Side Drain & Road Approach Rt.

BM#85 EL. 4927.91
X Top Headwall
16' Rt. Sta. 683+05

N.W. 1/4, Sec. 14

690+33-Req'd 18"x34' Side Drain & Road Approach, Rt.

693+07-Req'd Road Approach, Rt.

696+40-Req'd 18"x38' Side Drain & Road Approach, Rt.

696+80-Remove 20" V.C.T. Siphon and Portion of Inlet Box. Remove 28' of Concrete Lined Ditch. Req'd 24"x102' Siphon with Headwalls. (See Details Sheet No. 9)

697+95-Req'd Double Road Approach, Lt.

703+53 18"x28' Sd. Dr. & Rd Appr Lt.

705+40-Req'd 18"x50' Side Drain & Double Road Approach, Lt.

708+65-Req'd 18"x30' Side Drain & Road Approach, Lt.

710+00

710+73

710+73

710+73

710+73

710+73

710+73

710+73

710+73

N.E. 1/4, Sec. 14

12" Steel Pipe

Test	0.12-3.0
A-4(1)	
Test <th>0.12-3.0</th>	0.12-3.0
1-A	
Test <th>0.12-3.0</th>	0.12-3.0
1-A	
Test <th>0.12-3.0</th>	0.12-3.0
1-A	

Test	0.0-0.12
#7	Oil
	Mot

0.12-3.0	Sim.	st
	to	-A
	Test #1-A	

Test	0.0-0.12
#8	Oil
	Mat

Test	0.12-3.0
8-A	Sim.
	to
Test 1-A	

Test	0.0-0.12
#9	Oil
	Mat

0.12-3.0	Sim.	to	Test #1-A
----------	------	----	-----------

Test	0.12-3.0	
0.1		
Test <th>0.12-3.0</th>	0.12-3.0	
0.1		
Test <th>0.12-3.0</th>	0.12-3.0	
0.1		

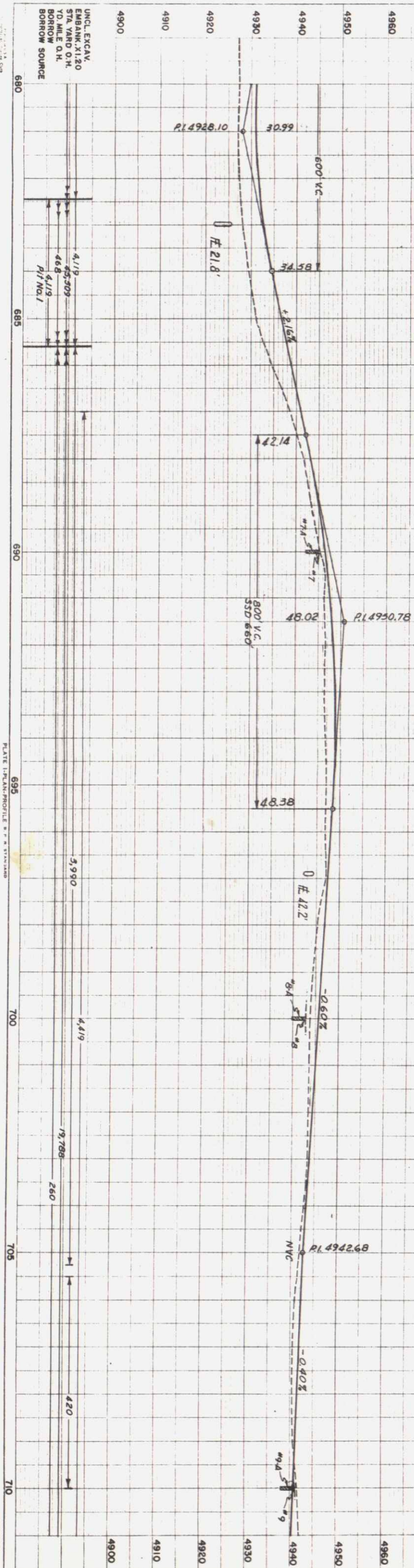
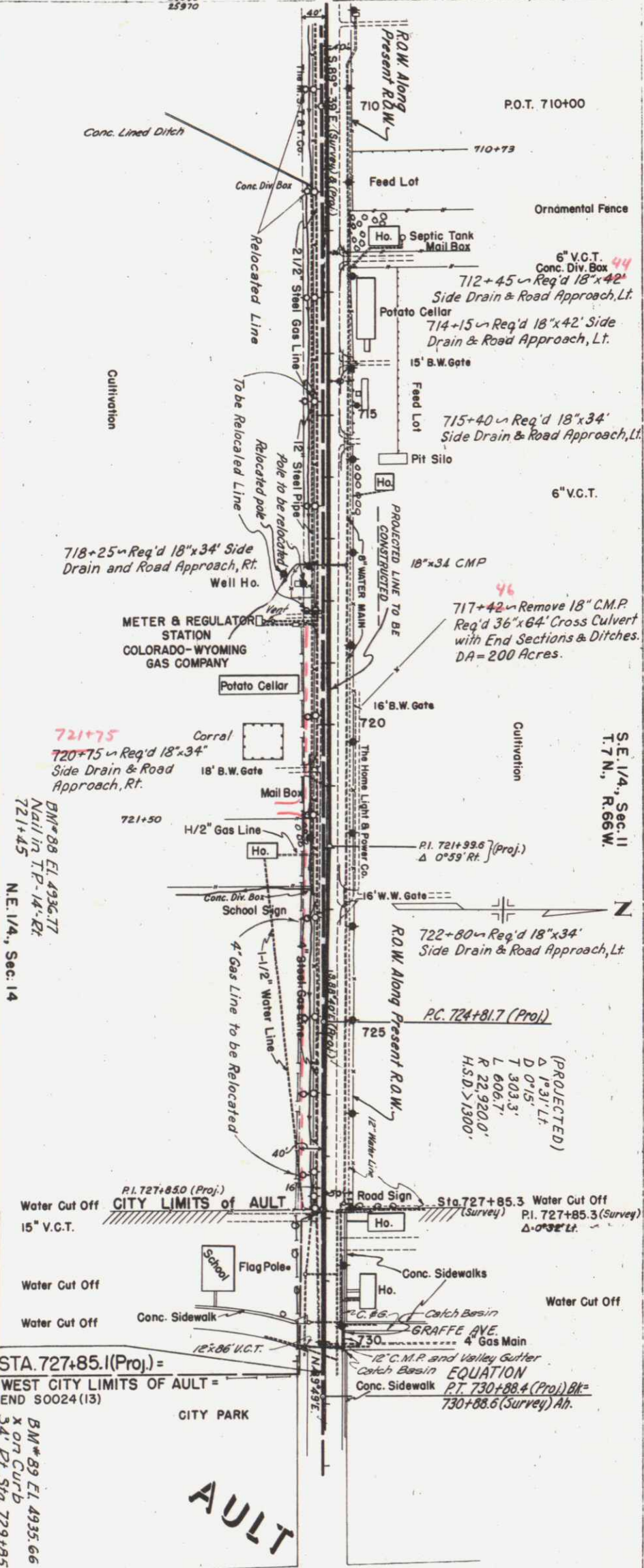
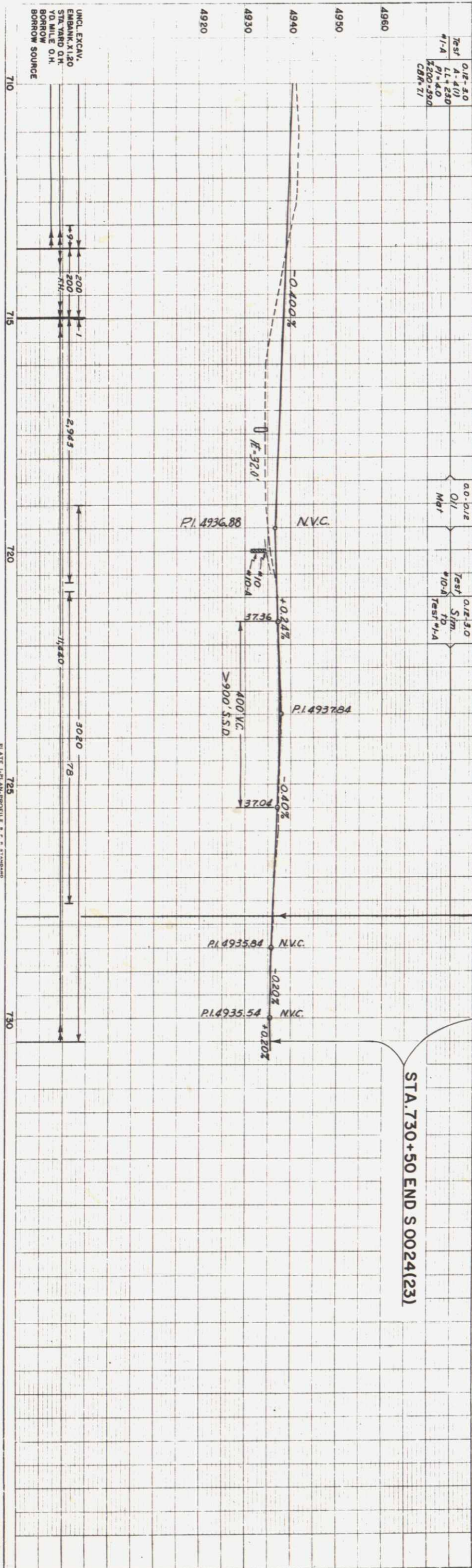


PLATE I-PLAN, PROFILE & P.M. STANDARD
ROAD DISTRICT CO., CHAS. H. VAN

Revised 5/14/65

Handwritten notes at top center: "Hwy. 10 Winter 1949" and "R.C. Parsons 11/49".

Handwritten notes at top right: "Hwy. 10 Winter 1949" and "R.C. Parsons 11/49".



STA. 727+85.1 (Proj.) =
WEST CITY LIMITS OF AULT =
END S0024 (13)
BM# 89 EL. 4935.66
x on curb
34' Rt. Sta. 729+85

STA. 730+50 END S0024 (23)

D.B.M.

For Structure Requirements
in City of Ault See Next
Sheet.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	50024(23)	13	

Rev 5/4/65 - RLM - Power Line