

P.E., R.O.W., Utilities under CXFR 03-0034-18.
Irrigation culverts constructed under
CX 03-0034-23.

STATE DEPARTMENT OF HIGHWAYS - STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED AS CONSTRUCTION

COLORADO PROJECT NO. CXFR-CY 03-0034-18

STATE HIGHWAY NO. 34

WELD COUNTY

SCALES OF ORIGINAL DRAWINGS

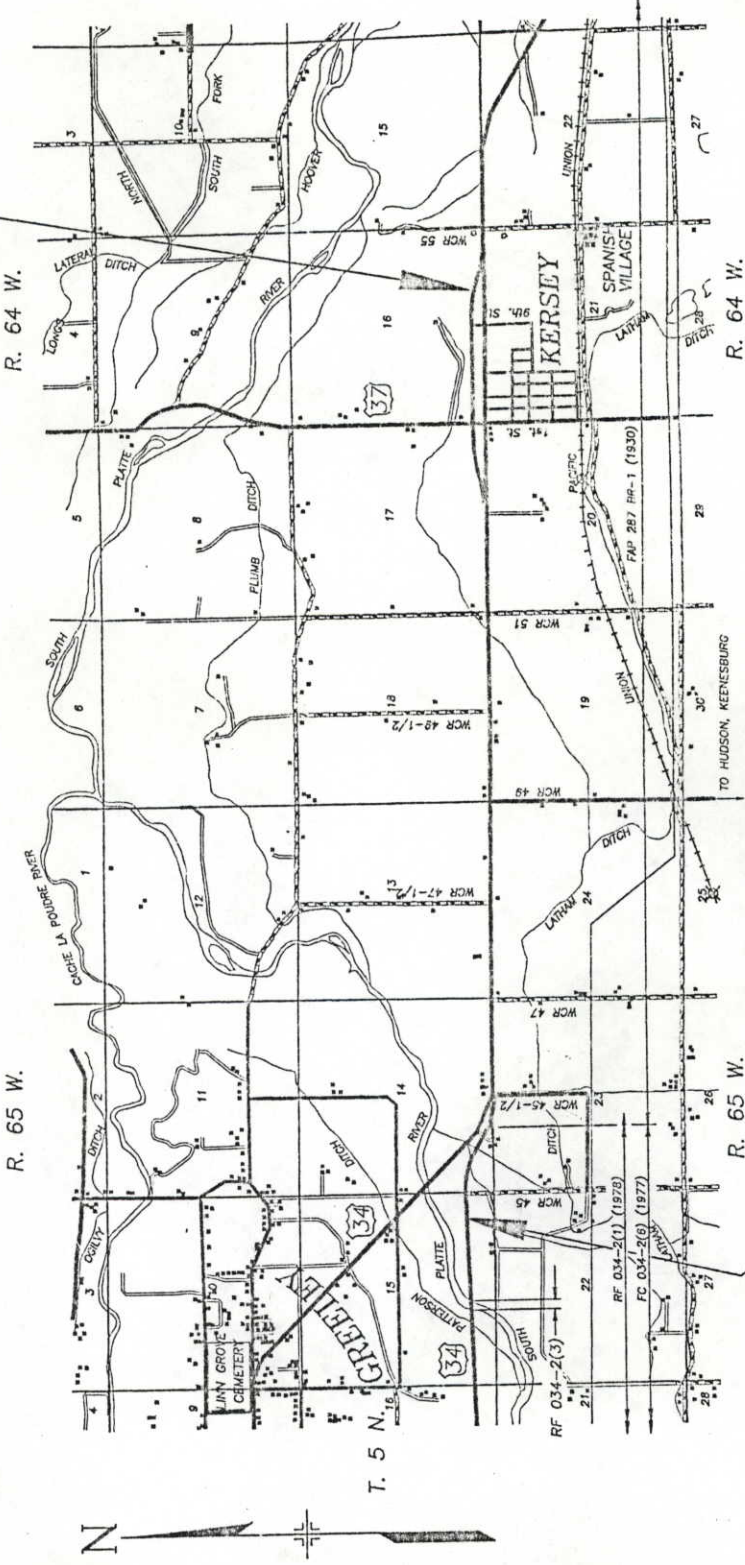
ON PLAN 1" = 50'

ON PROFILE 1" = 50'

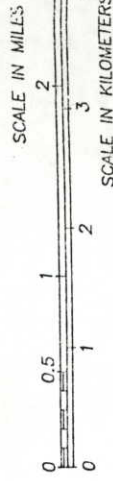
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

End Project CXFR-CY 03-0034-18
Sta. 356+84.83 PROJ M.P. 120.038

Tabulation of Length & Design Data	
Location	Roadway
	Lin. Ft.
Sta. 103+26.10 PROJ - M.P. 115.178 Begin CXFR-CY 03-0034-18	25,358.73
Sta. 356+84.83 PROJ - M.P. 120.038 End CXFR-CY 03-0034-18	25,358.73
TOTAL	25,358.73
Summary:	Lin. Ft. Miles
Project Net & Gross Length	25,358.73 4.803
Design Data:	
Maximum Degree of Curve	3° 00'
Maximum Grade	1.0000 %
Minimum S.S.D. Horizontal	> 1200'
Minimum S.S.D. Vertical	640'
Maximum Design Speed	60 M.P.H.
2011 Design Traffic Data	DHV = 941 ADT = 7838



Begin Project CXFR-CY 03-0034-18
Sta. 103+26.10 PROJ M.P. 115.178
= Approx. Sta. 594+50 on FC 034-2(6)



FED. ROAD REGION	DIVISION	PROJECT NO.	SHEET NO.
VIII	COLO.	CXFR-CY 03-0034-18	1
AS CONSTRUCTED			
NO REVISIONS			
REVISED 7/29/91 VOID			

REVISIONS	
R-1	6-17-91 1, 6, 7, 9, 10, 16, 33, 44, 46 GRR

INDEX OF SHEETS

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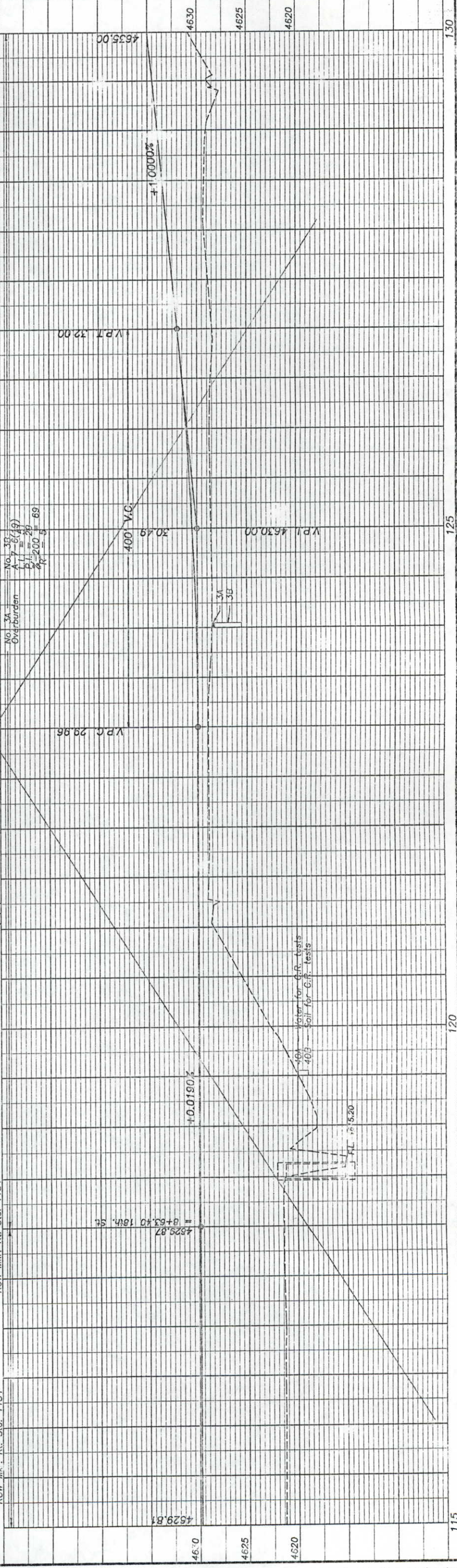
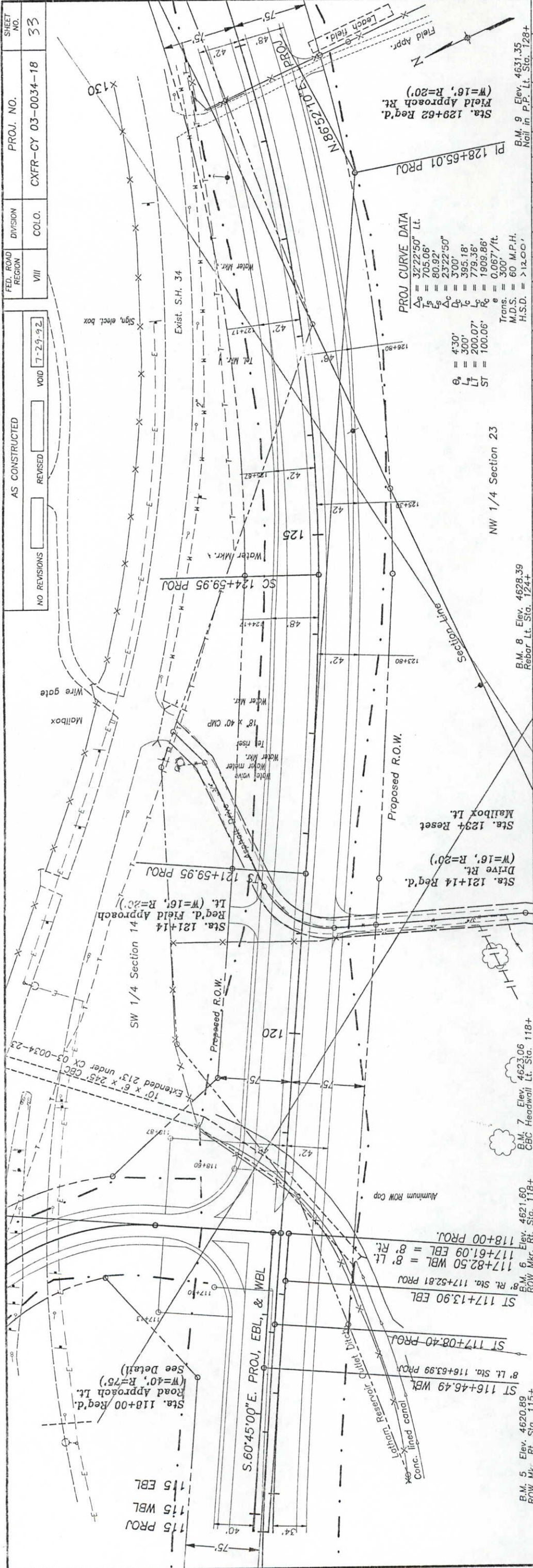
- 1 TITLE SHEET
- 2 STANDARD PLANS LIST
- 3 TYPICAL SECTIONS A AND B, DETAIL OF ACCEL/DECEL LINES AND GENERAL NOTES
- 4 TYPICAL SECTIONS C, D, E, F AND G, GENERAL NOTES
- 5 SUMMARY OF APPROXIMATE QUANTITIES
- 6 DETAIL OF TYPICAL COUNTY ROAD INTERSECTION, SURFACING PLAN, REMOVAL OF ASPHALT MAT, TABULATION OF CONCRETE PAVEMENT
- 7 SUMMARY OF EARTHWORK QUANTITIES, TABULATION OF FENCE, REMOVAL OF TREES, TABULATION OF LIGHTING, SUBEXCAVATION OF DITCHES
- 8 TABULATION OF DELINEATORS, ROAD APPROACH TABULATION, DETAIL OF HEADWALL, DETAIL OF METER PANEL
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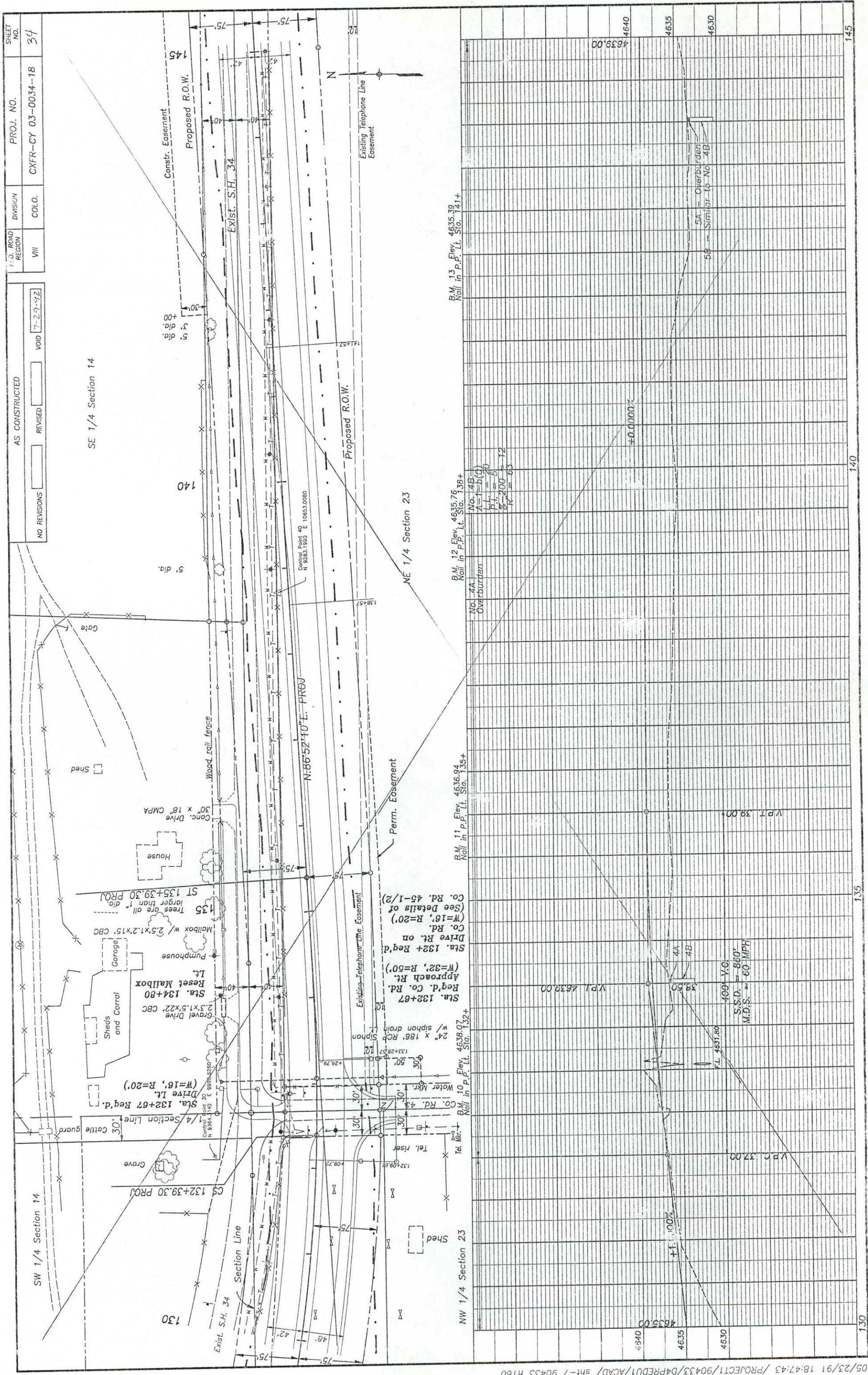
T. 5 N.

M-210-1
M-620-2
M-614-1

ROW PLANS - CONTROL POINTS TABULATION
SHEET 503

AS CONSTRUCTED INFORMATION	
CONTRACTOR	INTERSTATE HIGHWAY CONSTRUCTION
RESIDENT ENGINEER	Robert Patrick
PROJECT STARTED	7/29/91
PROJECT COMPLETED	7/29/92
AS CONSTRUCTED PLANS APPROVED	Robert Patrick
TITLE	DATE
90433	G.R.R./DIST. 4

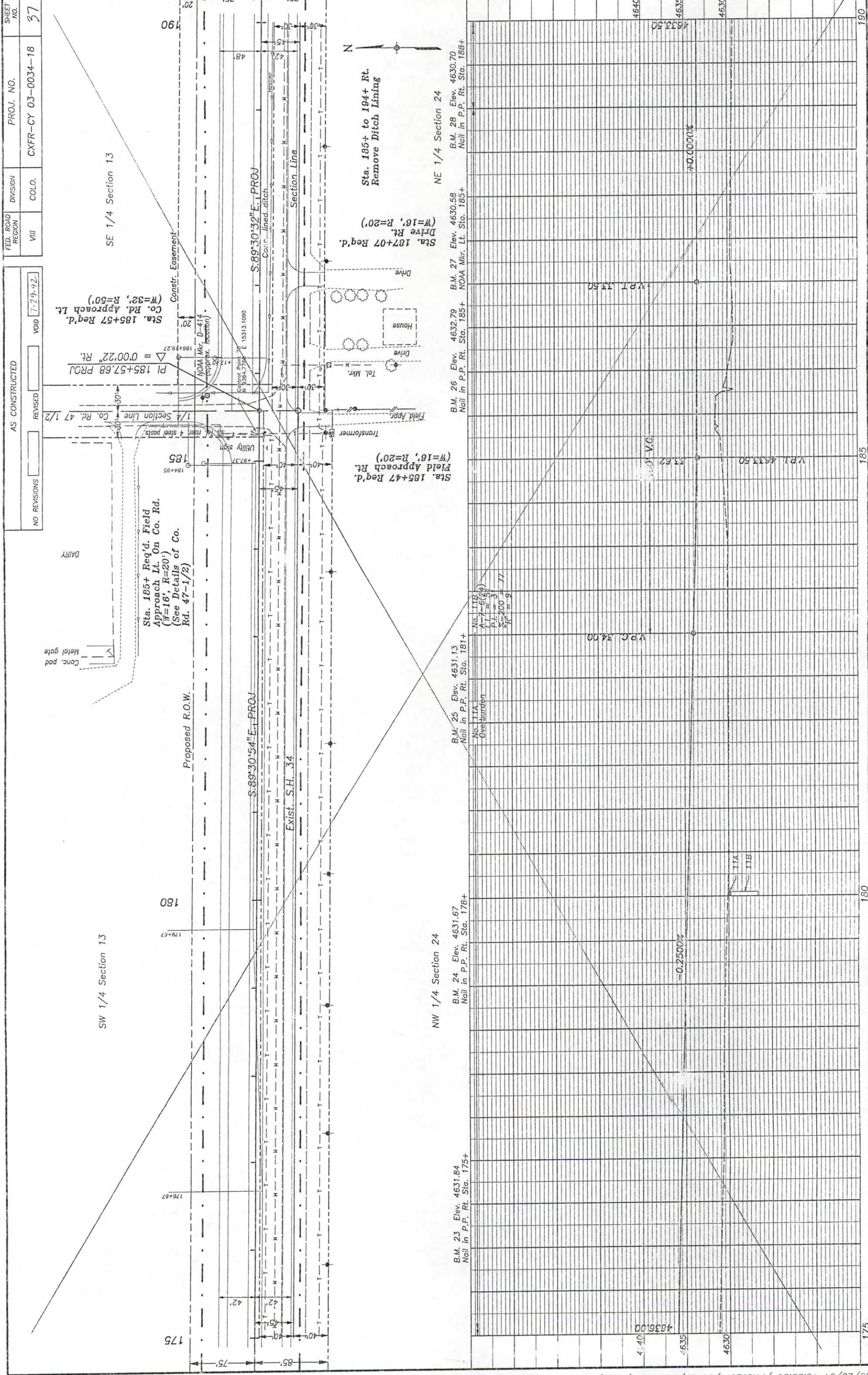




F.D. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
VIII	COLO.	CXFR-CY 03-0034-18	34

AS CONSTRUCTED	REVISED	VOID
NO REVISIONS		7-29-92

AS CONSTRUCTED NO REVISIONS REVISED VOID 7-29-92



AS CONSTRUCTED

NO REVISIONS VOID 7-29-92

Revised

200

ZU Bld.

210' @ +40

Hoshiko

Section Line

Tel Mkr.

Sta. 199+ Remove Structure Rt. (Div. box)

B.M. 32 Elev. 4 Nail in P.P. Rt.

Overburden

-0.0556%

200

Sta. 193+14/Remove
Structure Rt.
(18"x55" Siphon, Div.
box Rt.)
Extend 18"x90"
RCP with 18"x52" RCP Rt.
The into 18"x8" RCP

NE

B.M. 31 El.
Nail in P.P.

Sta. 196+44 Reg'd.
Field Approach Lt.
(W=16', R=20').
24"x24" RCP.
Headwalls Lt.
Drive
Wellhouse w/discharge pipe

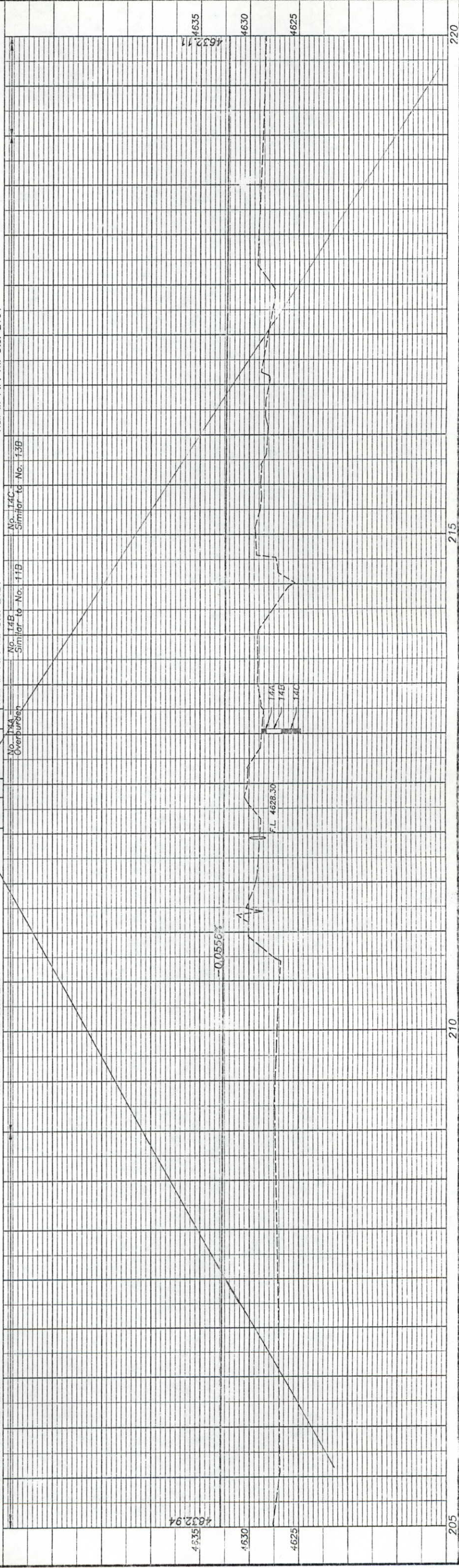
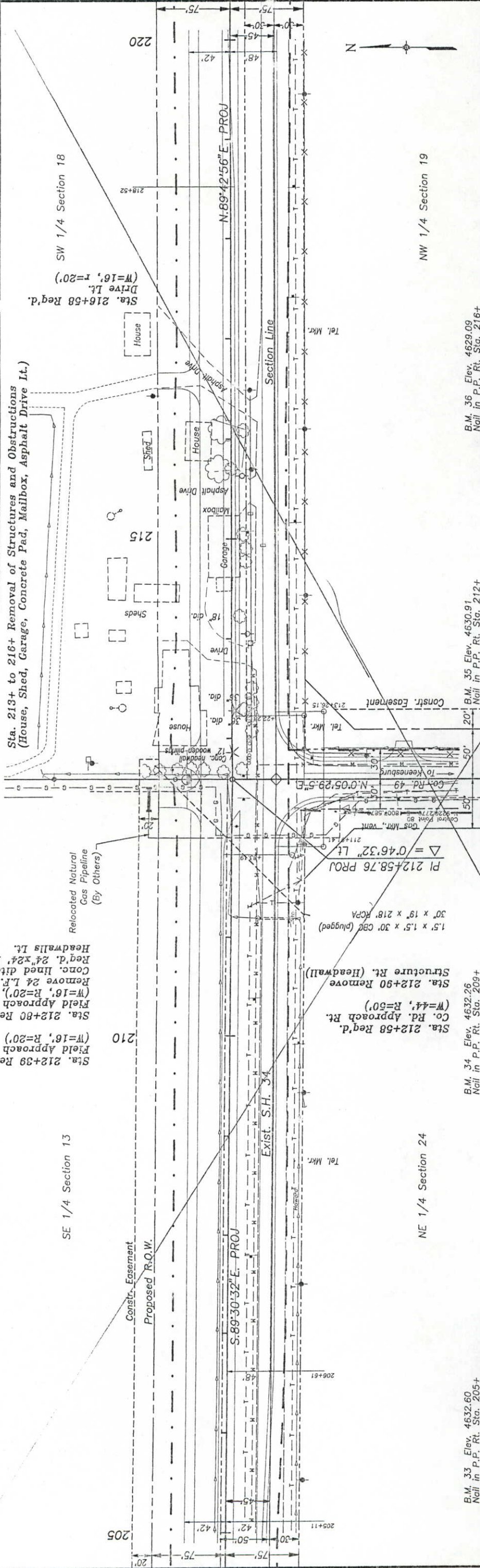
48" dia.
48" dia.
36" dia.
24" dia.

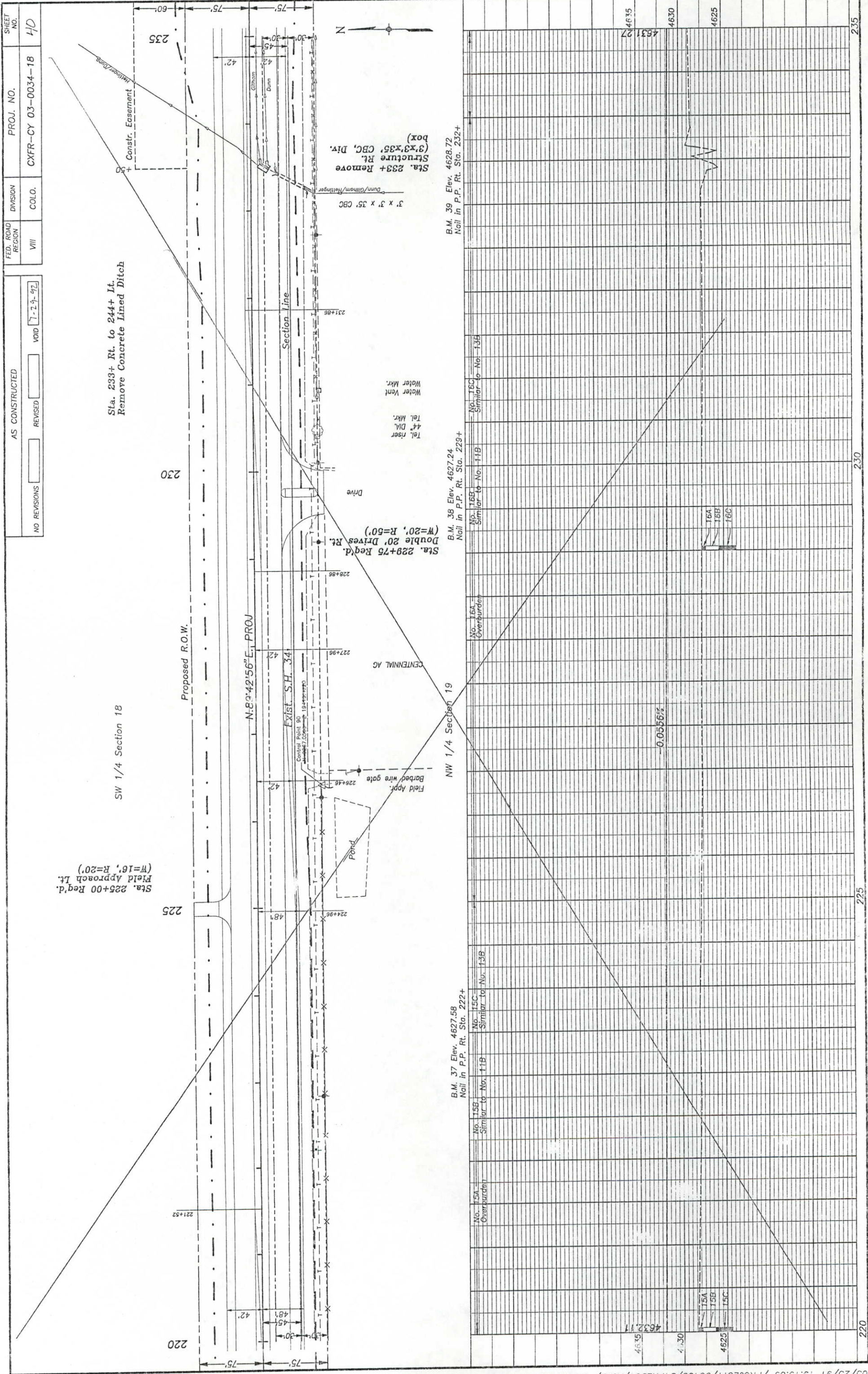
Sta. 197+50 Remove
Structure Lt. (Mailbox)
Sta. 197+50 Remove
Structure and
Mailbox
Tel. riser
Obstructions Lt. (House)
AND REGRADE LAND TO
GRADE ESTABLISHED
BY PROPERTY OWNER.

Const.

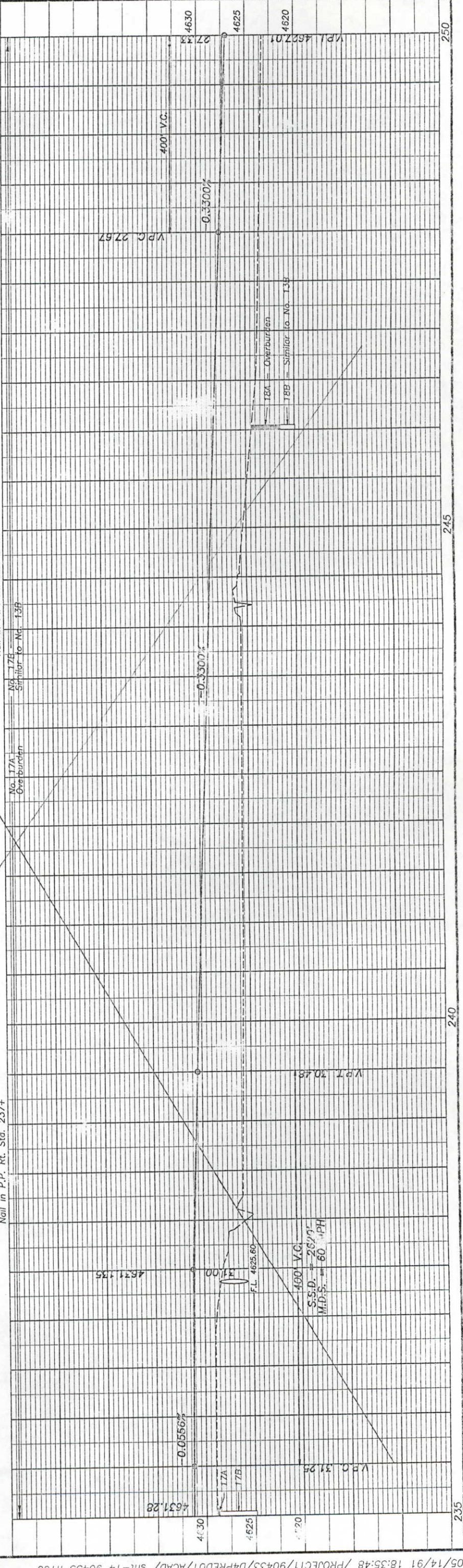
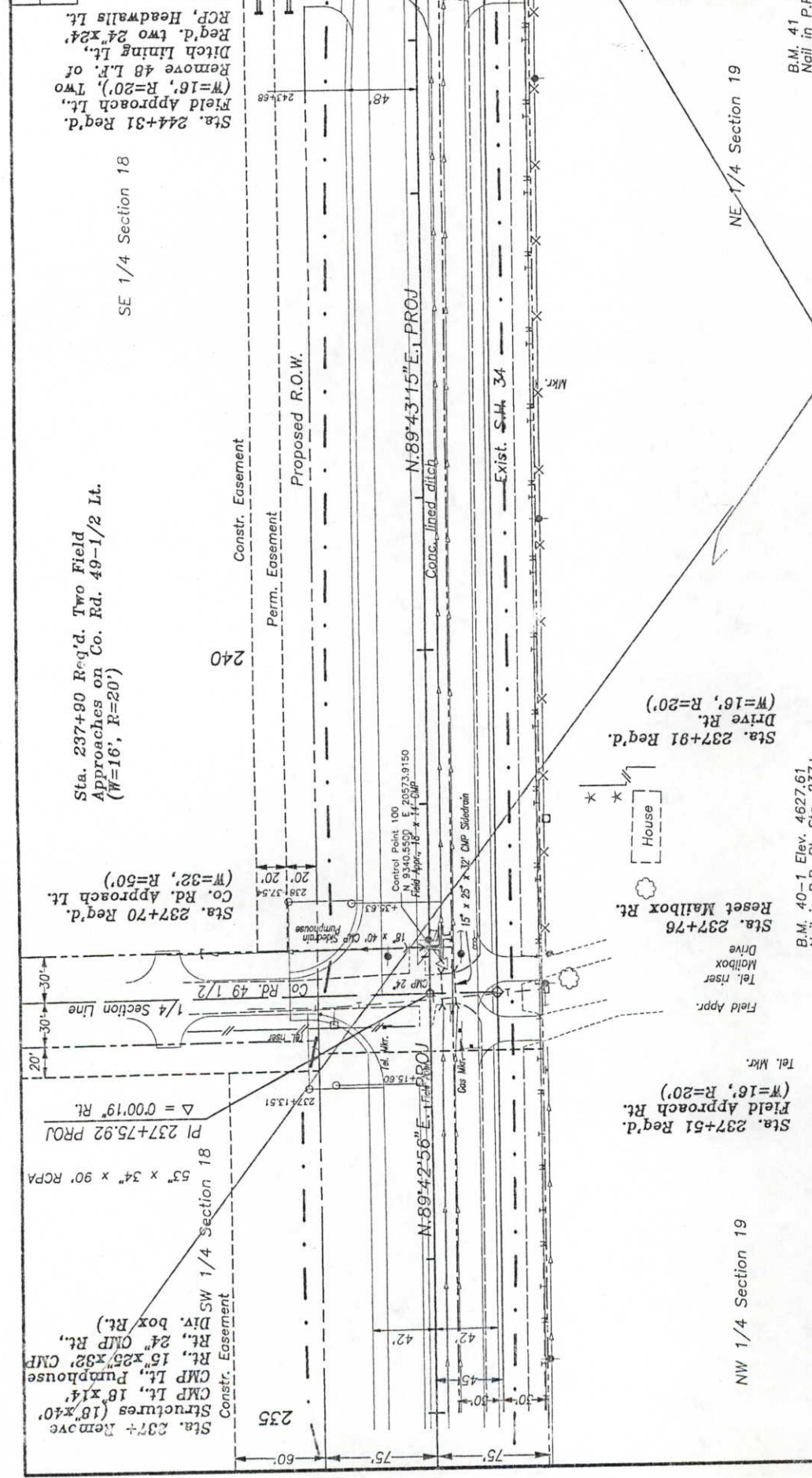
196+ to 198+ Lt.
to be constructed
(to be removed)

Constr. Easement
Proposed R.O.W.
S. 89° 30' 32" E. 1. PROJ
194+49
42'
1st. S.H. 34
12A
12B

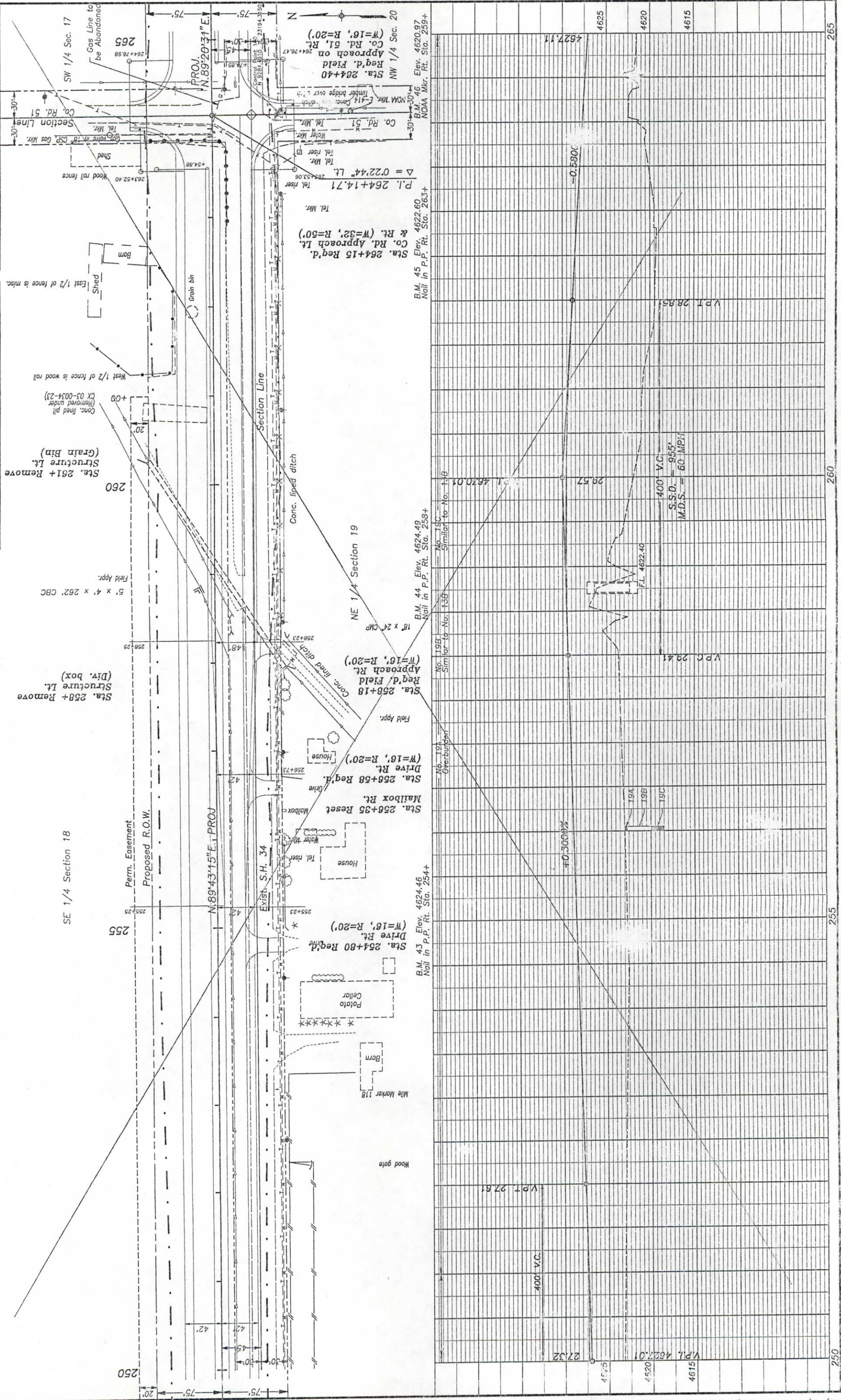


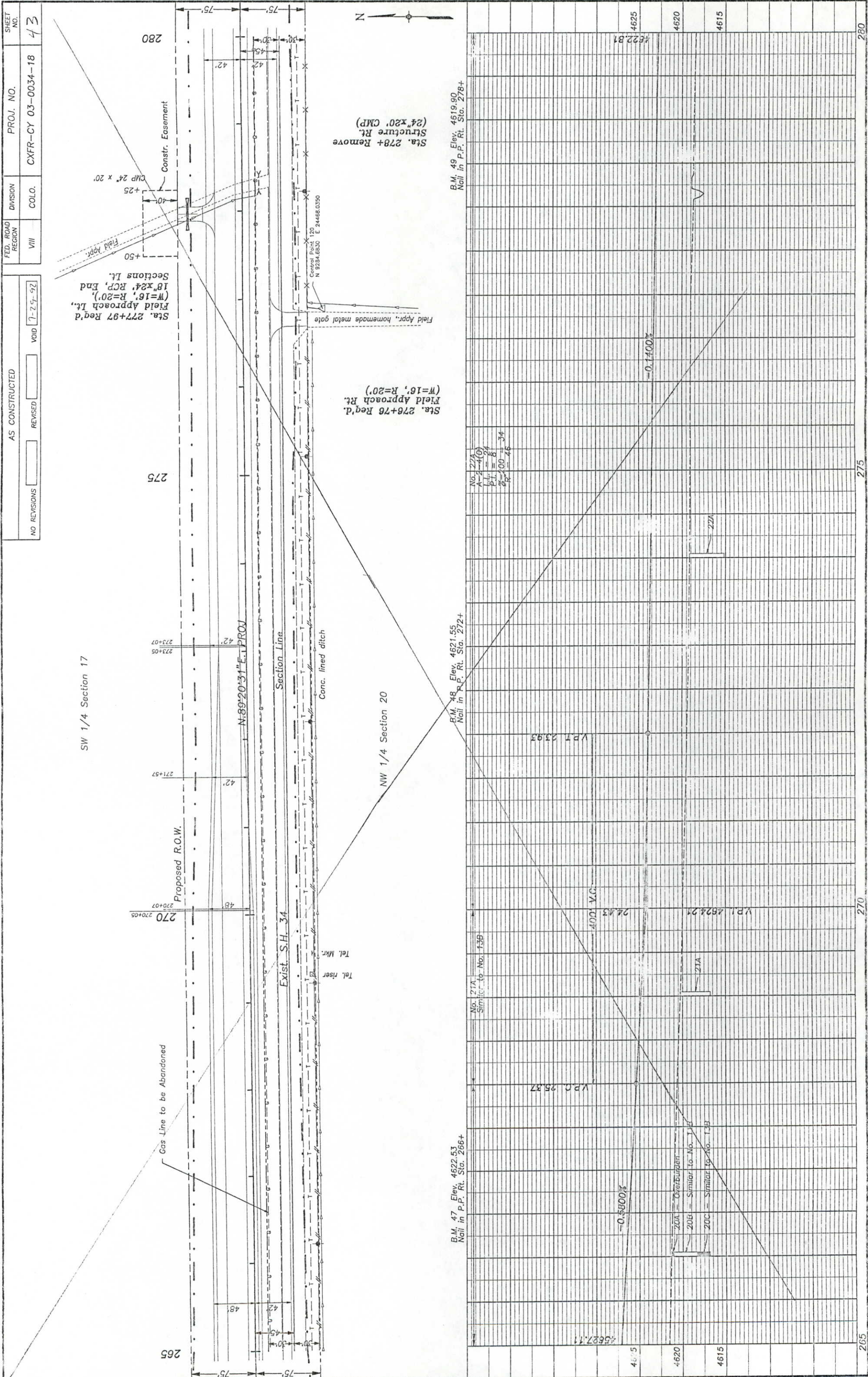


AS CONSTRUCTED
NO REVISIONS
REVISED
VOID 7-29-92

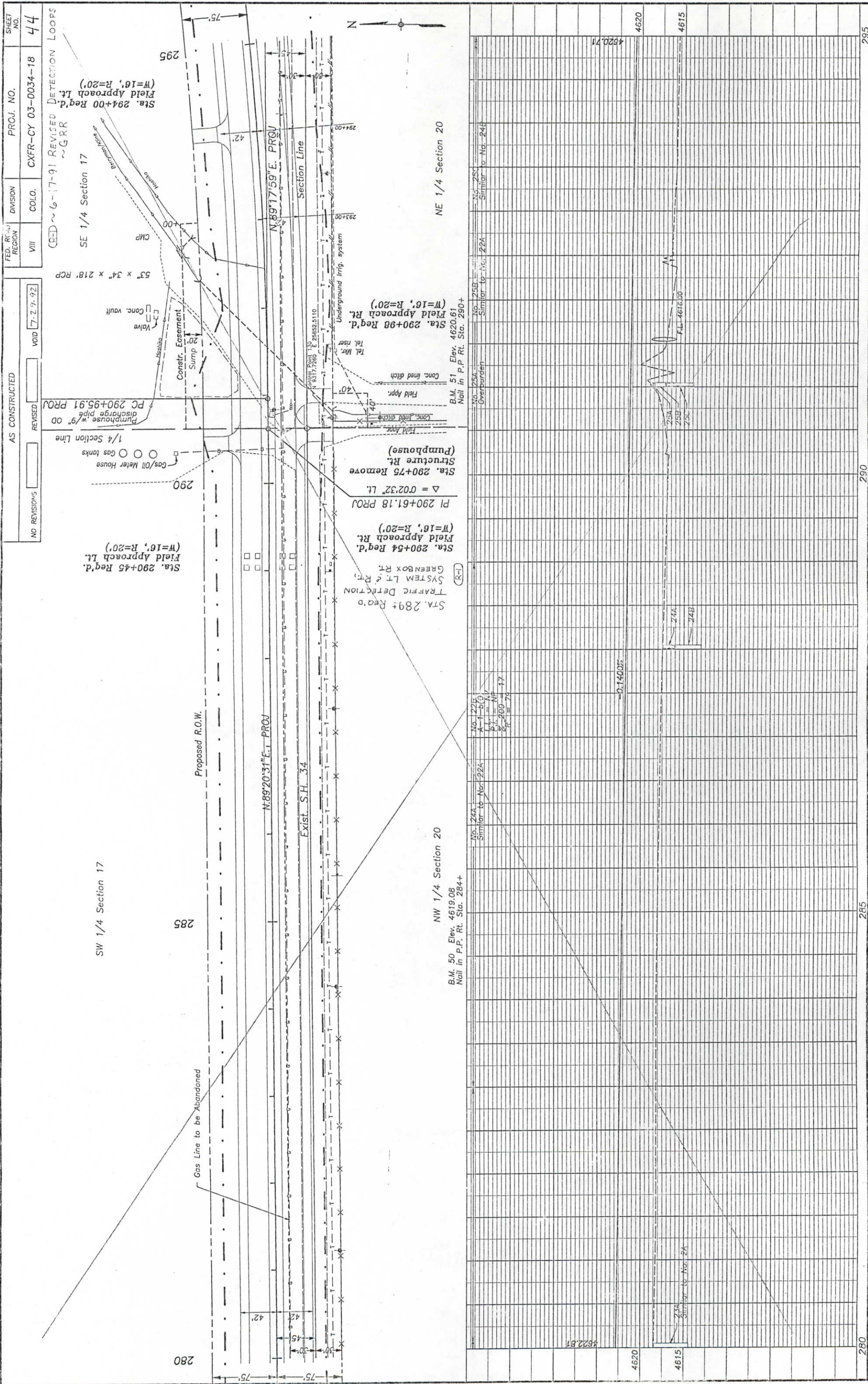


AS CONSTRUCTED		FED. ROAD REGION		DIVISION		PROJ. NO		SHEET NO.	
NO REVISIONS		REVISED		VOID		7-24-92		42	
				VIII		CXFR-CY 03-0034-18			





AS CONSTRUCTED		NO REVISIONS		REVISED		VOID 7-29-92	
FED. ROAD REGION		DIVISION		PROJ. NO.		SHEET NO.	
VIII		COLO.		CXFR-CY 03-0034-18		43	



Detail of Pavement at Ramp Sta. 1306+

100' Lane Taper

Limit of Conc. Pavement

SE 1/4 Section 17

PROJ CURVE DATA
 $\Delta = 14^{\circ}00'$ Rt.
 $D = 115'$
 $T = 562.80'$
 $L = 1120.00'$
 $R = 4583.66'$
 $e = 0.035' / ft.$
Trans. = 200'
M.D.S. = 60 M.P.H.
H.S.D. > 1200'

PROJ CURVE DATA
 $\Delta = 14^{\circ}00'$ Rt.
 $D = 115'$
 $T = 562.80'$
 $L = 1120.00'$
 $R = 4583.66'$
 $e = 0.035' / ft.$
Trans. = 200'
M.D.S. = 60 M.P.H.
H.S.D. > 1200'

RAMP CURVE DATA
 $\Delta = 17^{\circ}56'56''$ Lt.
 $D = 700'$
 $T = 129.27'$
 $L = 256.41'$
 $R = 818.51'$
 $e = 0.073' / ft.$
Trans. = 165'
M.D.S. = 45 M.P.H.
H.S.D. > 1000'

Proposed R.O.W.
Sta. 305+77 (Sta. 1306+18 on Ramp)
Reg'd. Field Approach
Rt. (W=16', R=20')

Gas Line to be Abandoned

3" Elect. Conduit

Pull Box

Underground Irrigation System

NE 1/4 Section 20

Exist. S.H. 34

12' S. of Tol. Mkr.

Field Appr.

Conc. lined ditch

Limit of Conc. Pavement

Control Point 140

N 9332.7600 E 27396.7880

30'

30'

30'

30'

30'

30'

30'

30'

30'

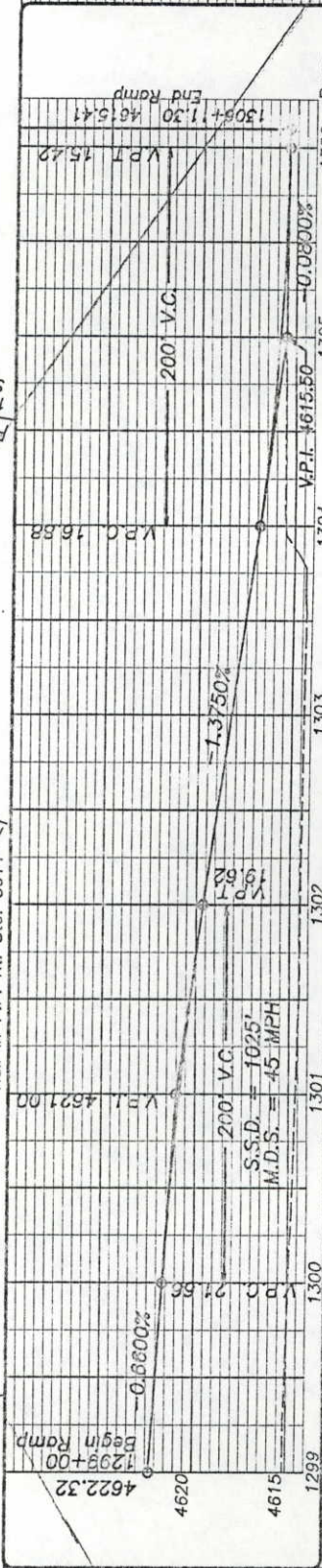
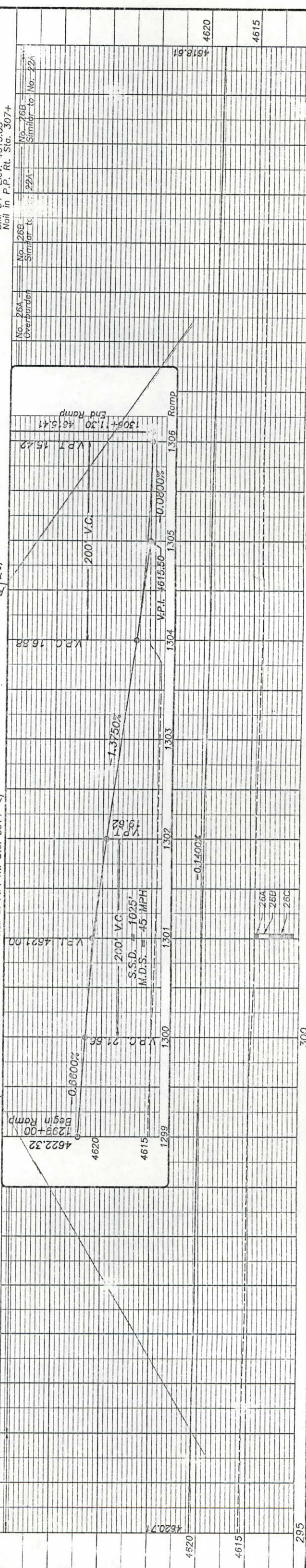
30'

B.M. 52 Elev. 4617.18
Nail in P.P. Rt. Sta. 296+

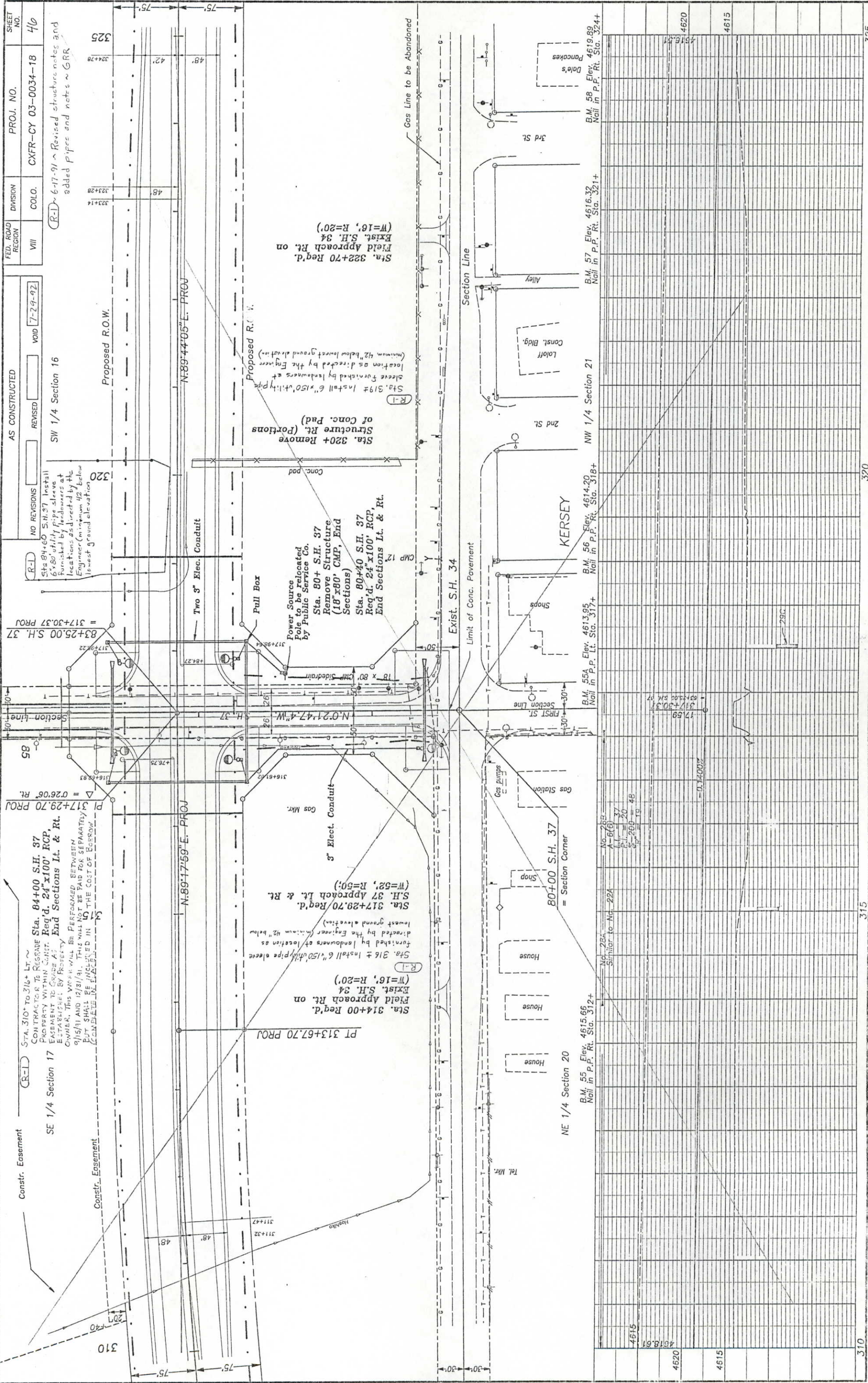
B.M. 53 Elev. 4616.17
Nail in P.P. Rt. Sta. 301+

B.M. 54 Elev. 4615.83
Nail in P.P. Rt. Sta. 307+

Sta. 1306+11.30 to 1307+11.30 RAMP -
Req'd. Approach to Project.



Year	1950 Projection (Solid Line)	1960 Projection (Dashed Line)
1950	~4.5	~4.5
1960	~5.5	~5.5
1970	~6.5	~6.5
1980	~7.5	~8.5
1990	~8.5	~10.5
2000	~9.5	~12.5
2010	~10.5	~14.5
2020	~11.5	~16.5
2030	~12.5	~18.5
2040	~13.5	~20.5
2050	~14.5	~22.5



SHEET NO.		PROJ. NO.	
47		CXFR-CY 03-0034-18	
F.D. ROAD REGION		DIVISION	
VIII		COLO.	
AS CONSTRUCTED			
NO REVISIONS		REVISED	
VOID		7-25-92	

