(18)

FED. ROAD REG. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.
5	NEB.	F 517(2)		1

* Revised 3/23/67
** REVISED 5-25-67
*** Revised 7/24/67
\+ Revised 4/17/68

The 1965 Standard Specifications of Nebraska approved by the Bureau of Public Roads on Dec. 30, 1964. The Supplemental Specifications dated Dec 15, 1965 and the Special Provisions apply to this project.

INDEX OF SHEETS

SHEET NO. 1. TITLE PAGE.

" 2-L1 Details of Intersection, Sta. 0+00
" 2-L2 & 2-L3 " " " Sta. 479+68 *** Rev. 2-L2 ***

" 3. Plan and Profile, Sta. 0+12 to Sta. 30+00
" 4. " " " " 30+00 " " 60+00
" 5. " " " " 60+00 " " 90+00
" 6. " " " " 90+00 " " 120+00
" 7. " " " " 120+00 " " 150+00
" 8. " " " " 150+00 " " 180+00
" 9. " " " " 180+00 " " 210+00
" 10. " " " " 210+00 " " 240+00
" 11. " " " " 240+00 " " 270+00
" 12. " " " " 270+00 " " 300+00
" 13. " " " " 300+00 " " 330+00 * Revised 3/23/67 *
" 14. " " " " 330+00 " " 360+00 * " 3/23/67 *
" 15. " " " " 360+00 " " 390+00 * " 3/23/67 *
" 16. " " " " 390+00 " " 420+00 * " 3/23/67 *
" 17. " " " " 420+00 " " 450+00 * " 3/23/67 *
" 18. " " " " 450+00 " " 479+56 * " 3/23/67 *
" 19. " " " " 680+00 " " 695+00

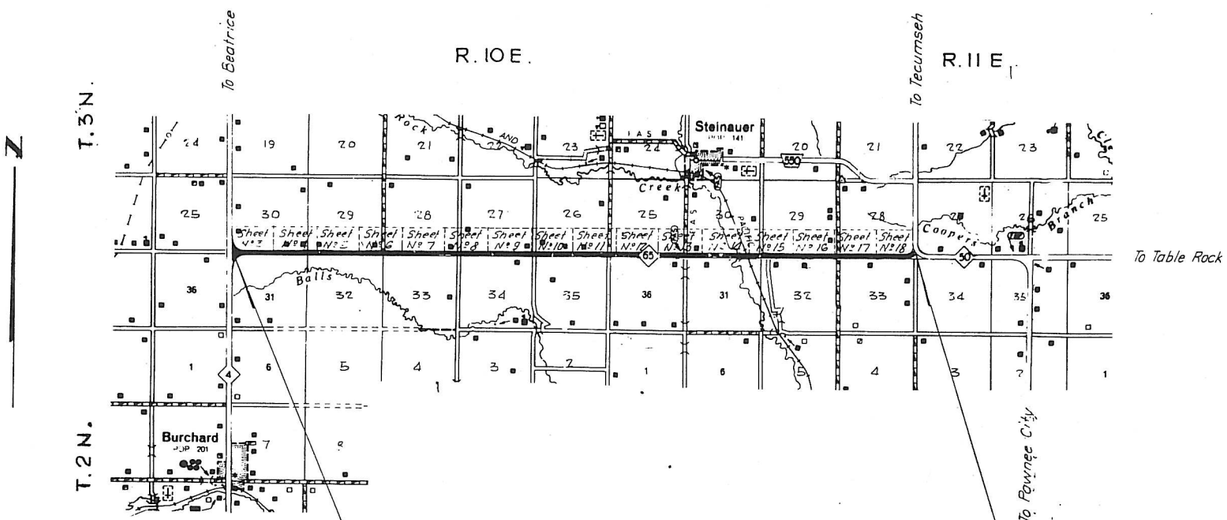
STATE OF NEBRASKA
DEPARTMENT OF ROADS
BUREAU OF HIGHWAYS
PLAN AND PROFILE OF PROPOSED

STATE HIGHWAY

FEDERAL AID PRIMARY PROJECT NO. F 517 (2)

BEATRICE - TABLE ROCK

PAWNEE COUNTY



Sta. 0+12
Begin Proj. F 517 (2)
Begin Construction
Begin Bituminous Surfacing

Sta. 479+56
End Proj. F 517 (2)
End Construction
End Bituminous Surfacing

LEGEND

PREVIOUS R.O.W.
NEW R.O.W., NON-CONTROLLED ACCESS
NEW R.O.W., CONTROLLED ACCESS
LIMITS OF CONSTRUCTION
CHANNEL — R.R. EASEMENT
DIKE — ACCESS ROAD
FILL ENCROACHMENT
TEMPORARY EASEMENTS: BORROW-CONSTRUCTION-HAUL ROAD-DETOUR-WASTE DISPOSAL-ETC.
SCALE 1" = 200' UNLESS OTHERWISE NOTED

CONVENTIONAL SIGNS

LINE
NTY LINE
or VILLAGE LIMITS
ON LINE
E LINE
D RAIL
OADS
- OF - WAY LINE
& CONTROLLED ACCESS LINE
ROLLED ACCESS LINE
LED WAY

BASE or SURVEY LINE
DYKE
CULVERTS
POWER POLE
TELEPHONE or TELEGRAPH POLE
MARSH
HEDGE
TREES
GROUND ELEVATION
GRADE ELEVATION

EQUATION

EXCEPTIONS

FROM STA.	TO STA.	INCLUDED IN THIS LAYOUT

TOTAL LENGTH OF EXCEPTIONS FEET
TOTAL NET LENGTH OF Proj. F 517 (2) 47,944.0 FEET 9.080 MILES

REGISTERED PROFESSIONAL ENGINEER DONALD C. COFFEY E-637 STATE OF NEBRASKA

REGISTERED PROFESSIONAL ENGINEER E-88 STATE OF NEBRASKA

APPROVED July 28, 1966

D. C. Coffey
DESIGN ENGINEER

John W. Hancock
STATE ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED
DIVISION ENGINEER DATE

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	MISS.	F-517(2)	3

For details of intersection see Sheet No 2-L1

SEC 30-T3N-R1W.E.
Tract #1
Kenneth A. Kolin
SW¼, Sec 30
Taken 2.23 ac.

STA. 11+03 DA = 8.1C
30" x 54" Broken Back C.M.P.
Remove. Exc. = 80 Cu.Yds.

Sta. 11+19 on Lt.
Build Earth Drive
on -3.0 % Grade.

STA. 17+30 DA = 8.1C.
24" x 54" Broken Back C.M.P. CULV.
Remove. Build 30" x 96'
Double Broken Back Reinf.
Conc. Culvert Pipe with
Conc. Flared End Sections.
Plan 1844-D-R2. 2-7° Elbows.
Plan 414-J-R4. Exc. = 51 Cu.Yds.

STA. 26+91 ON LT. 32'
18" x 20' C.M.P. DR. CULV.
Remove, Abandon Drive.

Cultivated

Cultivated

Cultivated

Shoulder Material Available

Shoulder Material Available

Pasture

Pasture

Abandon.

Sta. 11+00
Build 30" x 120' Double Broken
Back Reinf. Conc. Culv. Pipe
and Headwalls. Plan 1844-A-R2.
1-29° & 1-31° Elbow. Plan 414-
J-R4. Exc. = 85 Cu.Yds.

STA 25+84 DA = 7.1C
24" x 66' C.M.P. CULV. Remove.
Build 30" x 92' Reinf. Conc.
Culvert Pipe with Conc.
Flared End Sections.
Plan 1844-D-R2. Exc. = 96 Cu.Yds.

STA 27+23 ON RT. 15'
18" x 20' C.M.P. CULV.
Remove and Build
Earth Drive on
-5.1 % Grade

The contractor shall not be required to furnish borrow for this project.

Lay culvert pipe & construct concrete box culverts on parabolic camber grade line as per Plan 414-R. Anticipated settlement equals 5 percent of height of fill.

SEC 31-T3N-R1W.E.

Tract #2.
Henrietta Hothan, et al.
NW¼, Sec 31

Exc. = 8,356 Cu.Yds.
Emb. = 6,189 " "
Bal. = 1.35

Exc. = 23,656 Cu.Yds.
Emb. = 17,522 " "
Bal. = 1.35

B.M.#2 U.S. Geod. Triangulation 8" U.
Sta. 0+79 Elev. = 1461.94

B.M.#3 Iron Bar in Fence line along old R/W Curve 188' Lt.
Sta. 11+34 Elev. = 1465.41

B.M.#3 Spike West Dble. Pine Pole 97' Rt.
Sta. 11+00 Elev. = 1436.78

B.M.#4 Spike in Tel Pole 28' Rt.
Sta. 18+07 Elev. = 1432.70

B.M.#5 Double Spikes in Power Pole 4' Lt.
Sta. 25+37 Elev. = 1428.95

Material (sandy) excavated from the upper 3' between Sta. 387+00 and Sta. 389+00 shall be placed in the embankment at depths greater than 3' or beyond 15' right and 15' left of centerline.

Sta. 3+50
Elev. = 1465.50
V.C. = 600'

0.7071 %

Sta. 10+00
Elev. = 1436.00
V.C. = 600'

-3.0000 %

Sta. 0+12.0
Begin Proj. F-517(2)
Begin Construction
Begin Asphaltic Concrete Surface Course

-0.7500 %

Sta. 30+00
Elev. = 1431.00
V.C. = 000'

-1.3950

Datum Elev. = 1400.00 Sea Level 1430.83

Datum Elev. = 1400.00 Sea Level 1430.83

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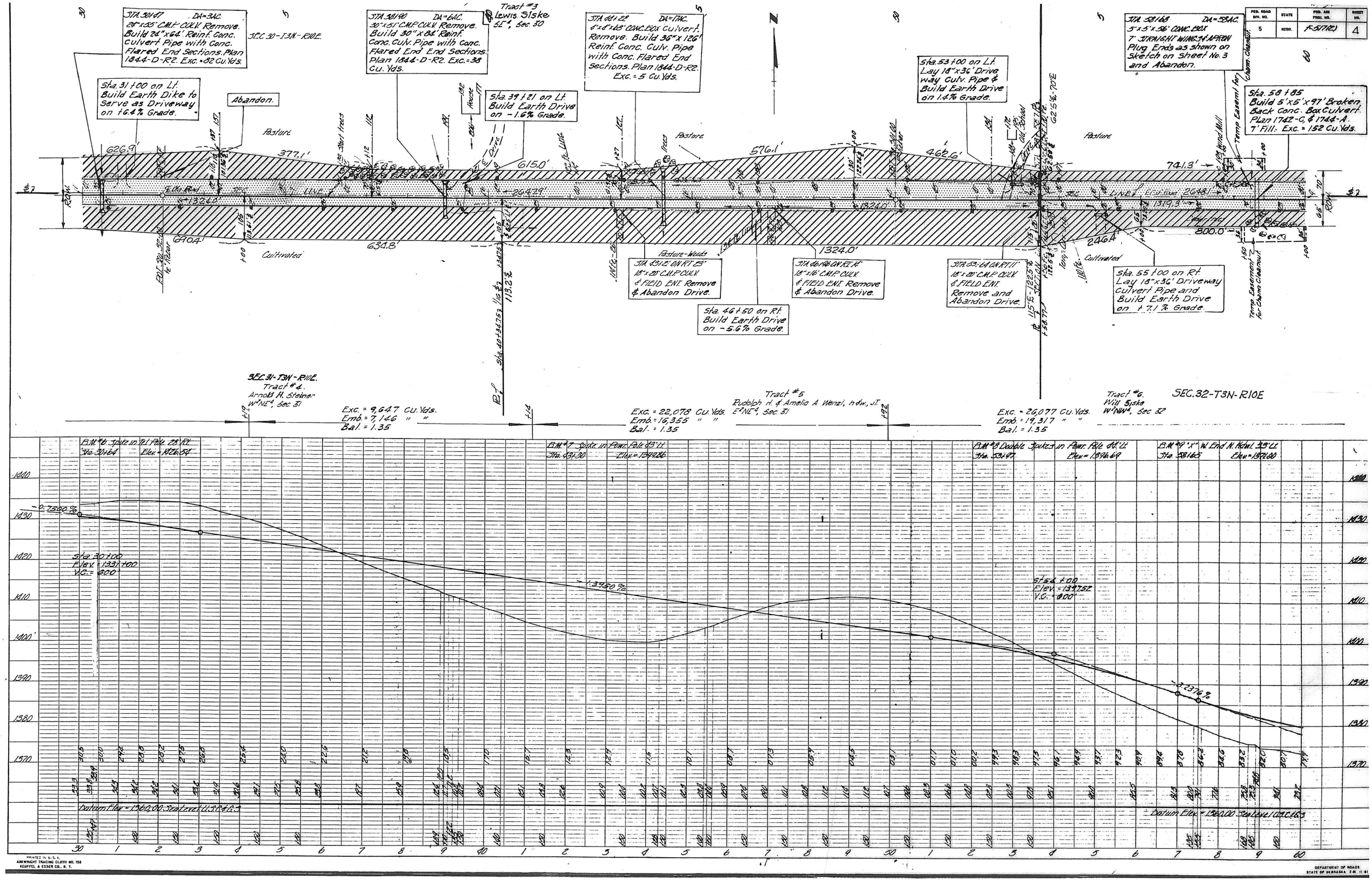
DIETZGEN & ESSER CO., N. Y.

DEPARTMENT OF ROADS



FED. ROAD DIV. NO. 5
STATE
FED. AID PROJ. NO. F-517(2)
SHEET NO. 4
STA. 30+47 DA=3AC. 24"x55' CMP. CULV. Remove. Build 24"x64' Reinf. Conc. Culvert Pipe with Conc. Flared End Sections. Plan 1844-D-R2. Exc.=82 Cu. Yds.
SEC. 30-T3N-R10E.
Sta. 31+00 on Lt. Build Earth Dike to Serve as Driveway on +6.4% Grade.
Abandon.
STA. 38+90 DA=6AC. 30"x51' CMP. CULV. Remove. Build 30"x84' Reinf. Conc. Culv. Pipe with Conc. Flared End End Sections. Plan 1844-D-R2. Exc.=38 Cu. Yds.
Tract #3 Lewis Siske SE¼, Sec. 30
Sta. 39+21 on Lt. Build Earth Drive on -1.6% Grade.
STA. 44+22 DA=17AC. 4'x4'x68' CONC. BOX Culvert. Remove. Build 36"x126' Reinf. Conc. Culv. Pipe with Conc. Flared End Sections. Plan 1844-D-R2. Exc.=5 Cu. Yds.
Sta. 53+00 on Lt. Lay 18"x36' Driveway Culv. Pipe & Build Earth Drive on 1.4% Grade.
STA. 58+68 DA=58AC. 5'x5'x56' CONC. BOX 7' STRAIGHT WINGS & APRON Plug Ends as shown on Sketch on Sheet No. 3 and Abandon.
Sta. 58+85 Build 5'x5'x97' Broken Back Conc. Box Culvert. Plan 1742-C, & 1744-A. 7' Fill. Exc.=152 Cu. Yds.
Temp Easement for Chann. Cleanout
Pasture
Cultivated
Pasture-Weeds
626.9'
377.1'
615.0'
576.1'
462.6'
741.3'
690.4'
634.8'
1324.0'
2647.9'
2648.1'
1319.3'
800.0'
246.4'
STA. 45+12' ON RT. 23' 18"x20' CMP. CULV. & FIELD ENT. Remove & Abandon Drive.
STA. 46+96 ON RT. 14' 18"x16' CMP. CULV. & FIELD ENT. Remove & Abandon Drive.
STA. 53+64 ON RT. 11' 18"x20' CMP. CULV. & FIELD ENT. Remove and Abandon Drive.
Sta. 46+50 on Rt. Build Earth Drive on -5.6% Grade.
Sta. 55+00 on Rt. Lay 18"x36' Driveway Culvert Pipe and Build Earth Drive on +7.1% Grade.
SEC. 31-T3N-R10E. Tract #4. Arnold H. Steiner W²NE¼, Sec. 31
Exc.=9,647 Cu. Yds. Emb.=7,146 " " Bal.=1.35
Tract #5 Rudolph H. & Amelia A. Wenzl, h&w, JT. E²NE¼, Sec. 31
Exc.=22,078 Cu. Yds. Emb.=16,355 " " Bal.=1.35
Tract #6. Will Siske W²NW¼, Sec. 32
Exc.=26,077 Cu. Yds. Emb.=19,317 " " Bal.=1.35
SEC. 32-T3N-R10E
B.M. #6 Spike in Tel. Pole 28' Rt. Sta. 30+64 Elev.=1426.54
B.M. #7 Spike in Powr. Pole 43' Lt. Sta. 43+30 Elev.=1399.86
B.M. #8 Double Spikes in Powr. Pole 44' Lt. Sta. 53+97 Elev.=1396.69
B.M. #9 "X" W. End N. Hdwl. 33' Lt. Sta. 58+65 Elev.=1371.00
-0.7500%
-1.3950%
-3.2376%
Sta. 30+00 Elev.=1331+00 V.C.=600'
Sta. 54+00 Elev.=1397.52 V.C.=600'
Datum Elev.=1360.00 Sea Level U.S.C.&G.S.
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DEPARTMENT OF ROADS STATE OF NEBRASKA 2-61 11-61

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-5(17)(C)	3

Tract #7.
Oscar & Lillian Bausch, H.&W., J.T.
S½, Sec. 29

Sta. 64+50
Lay 18"x36' Driveway Culvert Pipe and Build Earth Drive on -2.0% Grade.

Abandon.

Sta. 68+00 Rt. 45' Out 1.5'
18"x17' CMP DR. CULV. Remove. Lay 18"x36' Driveway Culvert Pipe and Build Earth Drive on -4.8% Grade.

Sta. 72+24 DA = 7AC.
24"x34' CMP CULV. Remove. Build 30"x64' Broken Back Reinf. Conc. Culv. Pipe with Conc. Flared End Sections. Plan 1844-D-R2. 1-3° Elbow. Plan 414-J-Rd. Exc. = 65 Cu. Yds.

Sta. 72+00 on Lt. Build Earth Dike To Elev. = 1391.0

Sta. 84+36 DA = 60AC.
6'x5'x68' CONC. BOX CULV. WITH STR. WINGS & APRONS Abandon.

Sta. 86+52 on Lt. 29'
24"x20' CMP DR. PIPE Remove and Abandon Drive.

Tract #8
Wilmer & Elmer Wehrbein, T.C.
W½SE¼, Sec. 29

Sta. 87+50 on Lt. Build Earth Drive on -5.2% Grade.

Sta. 66+44 DA = 50AC.
4'x4'x67' CONC. BB. BOX CULV. & 5' WINGS. Remove Endwalls. Plan 1823-R2. Extend 12' Lt. as Broken-Back & 34' Rt., Plan 1742-B & 1744-A 17' Fill, Exc. = 20 Cu. Yds.

Sta. 68+41 on Rt. 08'
18"x20' CMP DR. CULV. Remove. Lay 18"x36' Driveway Culvert and Build Earth Drive on -4.0% Grade.

Sta. 84+50
Build 54"x152' Reinf. Conc. Culv. Pipe with Concrete Flared End Sections. Plan 1844-D-R2. Exc. = 194 Cu. Yds.

Sta. 87+50 on Rt. Build Earth Drive on -6.8% Grade.

SEC. 29-T.3N.-R10E.

SEC. 32-T.3N.-R10E.

741.3' 201.0' 896.0' 504.9' 308.3' 793.2' 201.0'
1319.3' 2648.1' 1328.8' 1312.2'
800.0' 278.7' 922.3' 406.8' 1312.2'
Shoulder Material Available
Cultivated
Pasture
Yard
Abandon.
110.5-123.7 ℄ 76.3'±-90.8'

Exc. = 9,887 Cu. Yds.
Emb. = 7,322 " "
Bal. = 1.35

Exc. = 31,683 Cu. Yds.
Emb. = 23,470 " "
Bal. = 1.35

Exc. = 30,067 Cu. Yds.
Emb. = 22,271 " "
Bal. = 1.35

B.M. #10 Spike in Pow. Pole 48' Lt. Sta. 66+28 Elev. = 1365.34

B.M. #11 Spike in Pow. Pole 48' Lt. Sta. 70+20 Elev. = 1400.70

B.M. #12 Spike in Pow. Pole 46' Lt. Sta. 89+00 Elev. = 1372.17

Sta. 82+50
Elev. = 1370.00
V.C. = 1000'

Sta. 72+50
Elev. = 1393.18
V.C. = 800'

-3.2376%

+2.5180%

-0.0672%

Datum Elev. = 1340.00 Sea Level U.S.C.&G.S.

Datum Elev. = 1340.00 Sea Level U.S.C.&G.S.

BEATRICE - TABLE ROCK

FED. ROAD REG. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-31(12)	6

SEC. 29 - T.31N. - R.10E.
Tract #9
Michael A. Ullmann
E½SE¼, Sec. 29

SEC. 28 - T.31N. - R.10E.
Tract #10
John G. Ulrich
SW¼, Sec. 28

Sta. 93+50 on Lt. Build Earth Drive on +6.0% Grade.

Abandon.

Abandon

Cultivated

STA. 102+54 ON LT. 21' DA=3AC. 24"x32' C.M.P. DR. & H.E. Remove. Lay 24"x38' Driveway Culvert Pipe and Build Earth Drive on -3.8% Grade.

Build 3-Way Intersection. See Sheet #2-A.

Pasture

STA. 106+86 - 21.4' LT 36"x36' C.M.P. CULV. Remove, Relay, Extend 16' and Install Metal Flared End Sections. Plan 1844-D-R2. 1-Conn. Band. Exc. = 83 Cu. Yds.

Sta. 111+95 on Lt. Build Earth Dike To Elev. = 1379.5

Shoulder Material Available ?

319.0'

1306.0'

1335.6'

1335.8'

850.0'

945.4'

407.2'

406.3'

263.15'

1312.2'

Shoulder Material Available

Pasture

Abandon

Abandon.

Sta. 98+50 on Rt. Build Earth Drive on -3.6% Grade.

STA. 99+13 DA=6AC. 24"x62' C.M.P. CULV. Remove. Build 30"x48' Reinf. Conc. Culvert Pipe with Conc. Flared End Sections. Plan 1844-D-R2. Exc. = 147 Cu. Yds.

STA. 105+89 DA=147 AC. 6'x6'x48' Conc. BOX CULV. Remove Endwalls. Plan 1823-R2. Extend 33' Lt. & 37' Rt. as Broken Back. Plan 1742-D-R1. & 1724-A. 15' Fill. Exc. = 48 Cu. Yds.

Pasture

STA. 107+56 ON RT. 18' 24"x20' C.M.P. DR. CULV. Remove and Abandon Drive.

Sta. 108+00 on Rt. Build Earth Drive on -9.4% Grade.

STA. 112+15 DA=11AC. 24"x38' C.M.P. CULV. Remove Exc. = 53 Cu. Yds.

Pasture

Sta. 112+50 Build 30"x110' Double Broken Back Reinf. Conc. Culv. Pipe on 35° Skew and Headwalls. Plan 1844-A-R2. 1-11.4° & 1-13° Elbow. Plan 414-J-R4. Exc. = 76 Cu. Yds.

R.O.W. 110'

Sta. 100+54.6

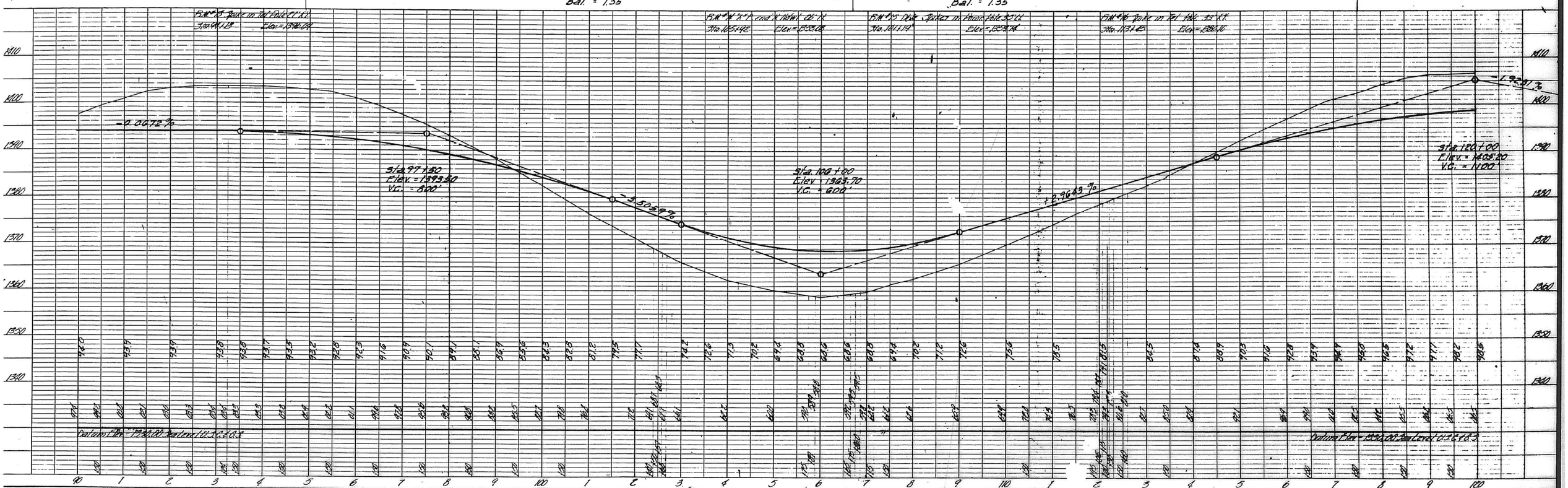
R.I. 120+04.8 - 120.0'
Δ = 0°27'12" - 119.52'

SEC. 32 - T.31N. - R.10E.
Tract #11.
Gerd Gerhard & Hilda A. Dorn, h.&w., J.T.
E½NE¼, Sec. 32

Exc. = 28,156 Cu. Yds.
Emb. = 20,859 " "
Bal. = 1.35

SEC. 33 - T.31N. - R.10E.
Tract #11.
Gerd Gerhard & Hilda A. Dorn, h.&w., J.T.
W½, Sec. 33 Taken 3.48 ac.

Exc. = 11,058 Cu. Yds.
Emb. = 8,189 " "
Bal. = 1.35



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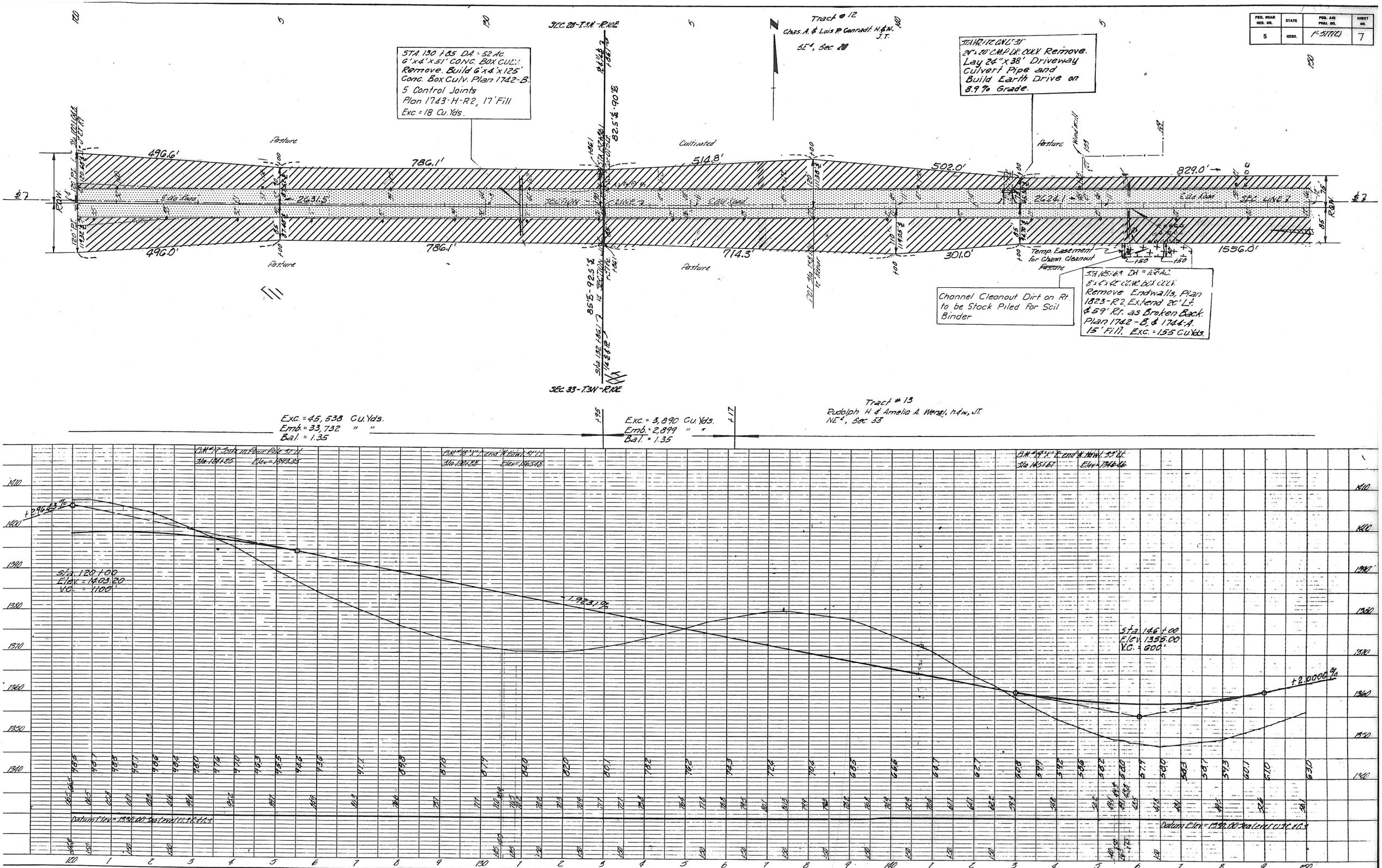
FED. ROAD REG. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	MEDR.	F-517(E)	7



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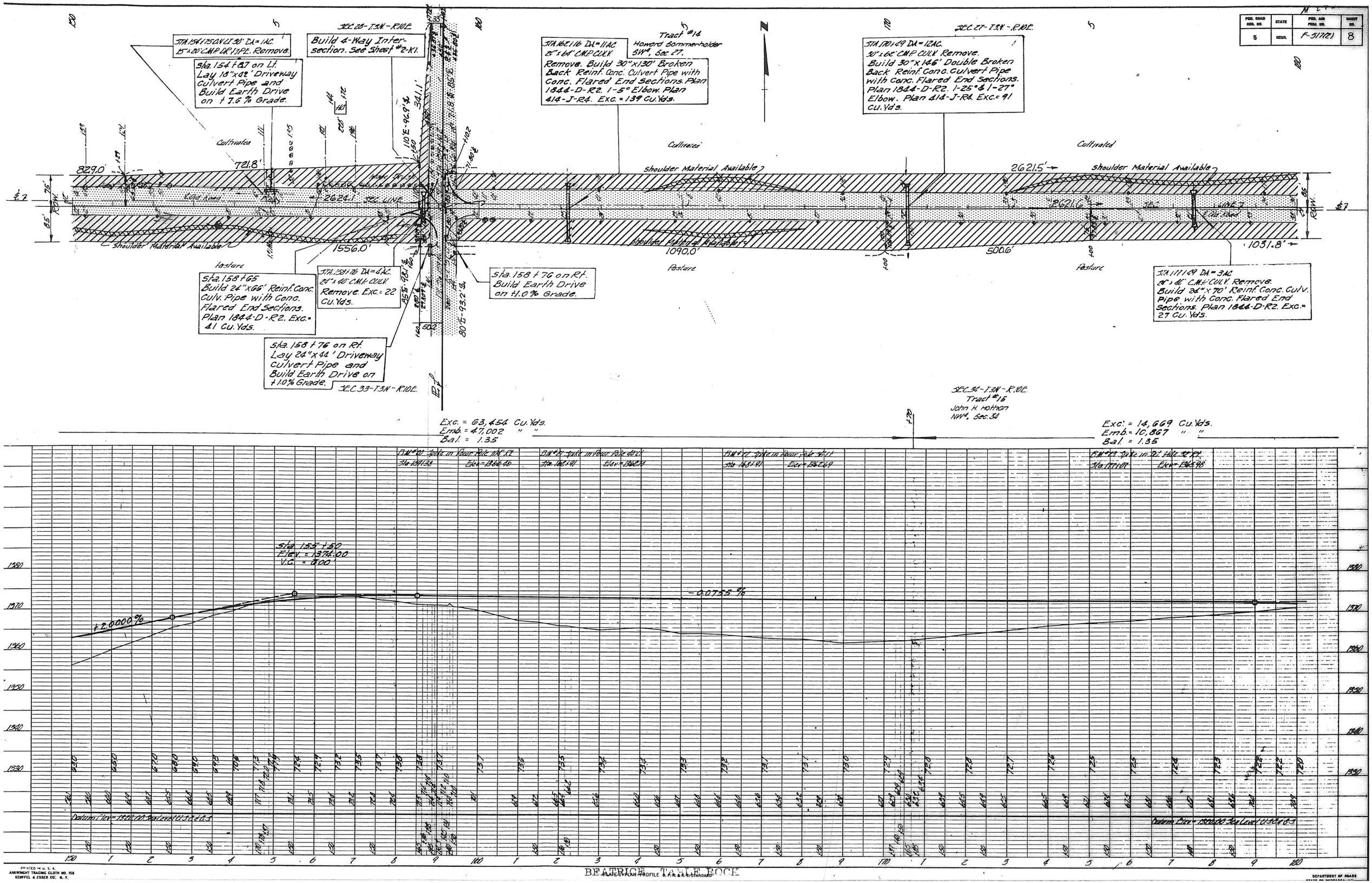

BEATRICE - TABLE ROCK

PLATE 1 PLAN PROFILE O.F.R. & R.E. STANDARD

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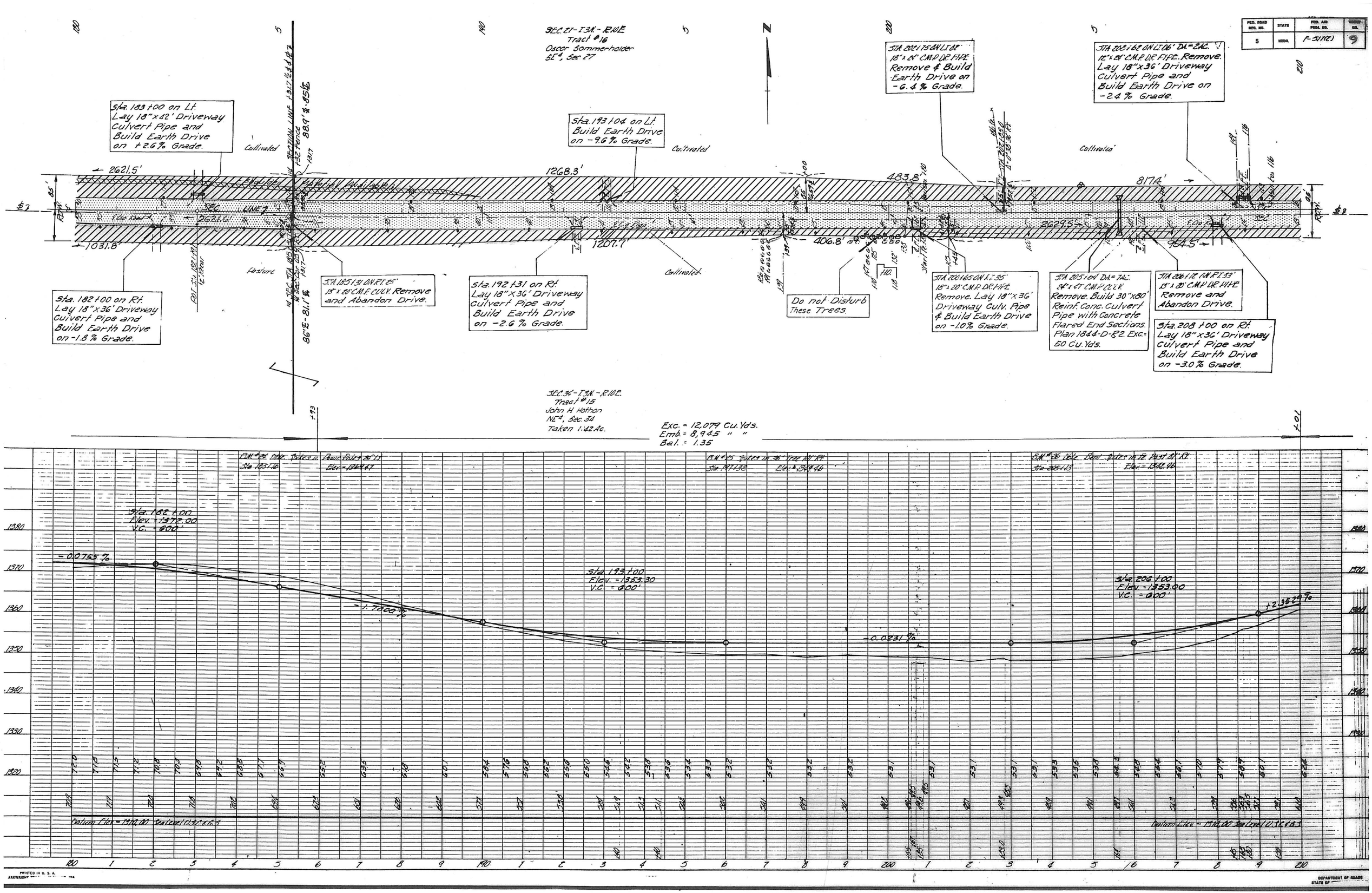
DEPARTMENT OF ROADS



FED. ROAD REG. NO. 5
STATE
FED. AID PROJ. NO. F-517(2)
SHEET NO. 9
SEC. 27 - T.3N. - R.10E.
Tract #16
Oscar Sommerholder
SE4, Sec. 27
Sta. 183+00 on Lt.
Lay 18"x42' Driveway
Culvert Pipe and
Build Earth Drive
on +2.6% Grade.
Sta. 193+04 on Lt.
Build Earth Drive
on -9.6% Grade.
STA. 202+75 ON LT. 02'
18"x24' C.M.P. DR. PIPE
Remove & Build
Earth Drive on
-6.4% Grade.
STA. 208+62 ON LT. 06' DA.=2AC.
12"x24' C.M.P. DR. PIPE. Remove.
Lay 18"x36' Driveway
Culvert Pipe and
Build Earth Drive on
-2.4% Grade.
Cultivated
2621.5'
1268.3'
483.8'
8174'
2621.6'
1031.8'
1207.7'
406.8'
2629.5'
954.5'
Sta. 182+00 on Rt.
Lay 18"x36' Driveway
Culvert Pipe and
Build Earth Drive
on -1.8% Grade.
STA. 185+31 ON RT. 25'
18"x20' C.M.P. CULV. Remove
and Abandon Drive.
Sta. 192+31 on Rt.
Lay 18"x36' Driveway
Culvert Pipe and
Build Earth Drive
on -2.6% Grade.
Do not Disturb
These Trees.
STA. 200+65 ON RT. 35'
18"x20' C.M.P. DR. PIPE
Remove. Lay 18"x36'
Driveway Culv. Pipe
& Build Earth Drive
on -1.0% Grade.
STA. 205+64 DA.=7AC.
24"x47' C.M.P. CULV.
Remove. Build 30"x80'
Reinf. Conc. Culvert
Pipe with Concrete
Flared End Sections.
Plan 1844-D-R2. Exc.=
50 Cu. Yds.
STA. 206+12 ON RT. 33'
18"x20' C.M.P. DR. PIPE
Remove and
Abandon Drive.
Sta. 208+00 on Rt.
Lay 18"x36' Driveway
Culvert Pipe and
Build Earth Drive
on -3.0% Grade.
SEC. 34 - T.3N. - R.10E.
Tract #15
John H. Hothan
NE4, Sec. 34
Taken 1:42 Ac.
Exc. = 12,079 Cu. Yds.
Emb. = 8,945 " "
Bal. = 1.35
Sta. 182+00
Elev. = 1372.00
V.C. = 600'
-0.0755 %
-1.7000 %
Sta. 193+00
Elev. = 1353.30
V.C. = 600'
-0.0231 %
Sta. 206+00
Elev. = 1353.00
V.C. = 600'
+2.3529 %
Datum Elev. = 1310.00 Sea Level U.S.C.&G.S.
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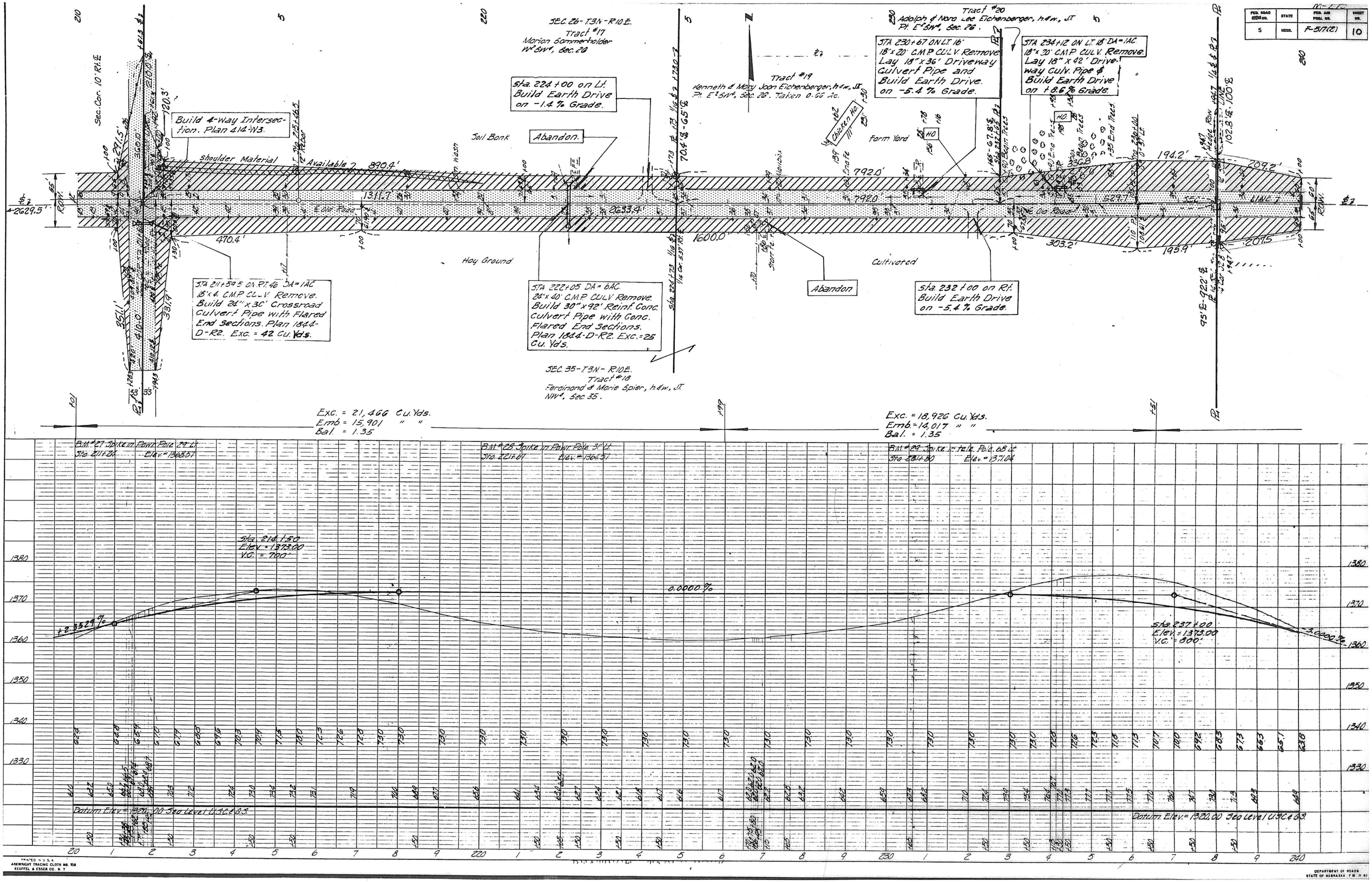
DEPARTMENT OF ROADS
STATE OF

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-517(2)	10



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DEPARTMENT OF ROADS
STATE OF NEBRASKA

FED. ROAD ADM. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-517(2)	11

SEC. 26-T3N-R10E.
Tract #21
Elmer L., Clarence, & Leon Spier
SE¼, Sec. 26

SEC. 25-T3N-R10E.

STA. 247+50 ON LT. DA=6AC.
30"x 25' C.M.P. CULV. Remove.
Lay 30'x 40' Driveway
Culvert Pipe and
Build Earth Drive on
-9.6 % Grade.

STA. 251+41 ON LT. 06'
18"x 20' C.M.P. CULV. Remove
and Abandon Drive.

Sta. 231+00 on Lt.
Build Earth Drive
on -10.8 % Grade.

Abandon.

Build 4-Way Intersection. Plan 414-N3.

P.I. Sta. 264+38.30
Δ = 3°04'19" Rt.
D. = 0°30'
T. = 307.28'
L. = 614.39'

Tract #21
Elmer L., Clarence, & Leon Spier
NE¼ SW¼, Sec. 25.

shift P.I. 30.00' Lt.

shift ℄ 18.47' Lt.

Cultivated

Pasture

Hay Ground

700.0'

1494.3'

308.9'

754.6'

1318.4'

1100.6'

500.7'

2642.8'

2645.8'

685.2'

561.0'

227.2'

275.0'

Old & New R.O.W.

Old & New R.O.W.

be used

Pasture

Pasture

Cultivated

Proj. Engr. to relocate
℄ as shown.

P.I. Sta. 251+00
Δ = 1°04'47" Lt.
D = 0°15'
T. = 215.95'
L. = 431.89.

Sta. 247+47 on Rt.
Lay 30"x 40' Driveway
Culvert Pipe and
Build Earth Drive on
-12.6 % Grade.

STA. 249+14 DA.=16AC.
36"x 54' C.M.P. CULV.
Remove. Build 36"x 114'
Double Broken Back
Reinf. Conc. Culv. Pipe
with Conc. Flared End
Sections. Plan 1844-
D-R2. 2-11° Elbows.
Plan 414-J-R4. Exc.=125
Cu. Yds.

STA. 254+79 DA.=5AC.
24"x 60' BROKEN BACK
C.M.P. CULV. Remove. Build 24"x 112'
Double Broken Back Reinf. Conc.
Culv. Pipe with Conc. Flared End
Sections. Plan 1844-D-R2. 2-31°
Elbows. Plan 414-J-R4. Exc. = 91
Cu. Yds.

Nebr. Pub.
Power Sys.
Trans. Sta.

STA. 262+84 ON RT.
15"x 25' C.M.P. DR. CULV.
Remove. Lay 18"x 42'
Driveway Culvert Pipe
and Build Earth Drive
on +16 % Grade.

STA. 264+35 ON RT. DA=1AC.
18"x 41' C.M.P. CULV. Remove.
Build 24"x 28' Crossroad
Culvert Pipe with Flared
End Sections. Plan 1844-
D-R2. Exc. = 42 Cu. Yds.

Tract #22
Loup River Public Power District
Pt. NE¼, Sec. 35. Taken 0.06 Ac.

SEC. 35-T3N-R10E.

SEC. 36-T3N-R10E.

Tract #21
Elmer L., Clarence, & Leon Spier
Pt. NE¼, Sec. 35.

Exc. = 18,300 Cu. Yds.
Emb. = 13,557 " "
Bal. = 1.35

Exc. = 20,543 Cu. Yds.
Emb. = 15,214 " "
Bal. = 1.35

Exc. = 8,287 Cu. Yds.
Emb. = 6,140 " "
Bal. = 135

B.M. #90 Dble. Spikes in Power Pole 34' Lt.
Sta. 240+48 Elev. = 1363.36

B.M. #91 Spike in 26" Tree 70' Rt.
Sta. 247+00 Elev. = 1330.92

B.M. #92 Spike in 8" Stump 17' Lt.
Sta. 254+63 Elev. = 1351.43

B.M. #93 Spike Power Pole 40' Rt.
Sta. 264+64 Elev. = 1371.61

-3.0000 %

Sta. 247+00
Elev. = 1343.00
V.C. = 800'

0.0000 %

Sta. 264+50
Elev. = 1343.00
V.C. = 1000'

+5.7889 %

Datum Elev. = 1290.00 Sea Level U.S.C.&G.S.

Datum Elev. = 1290.00 Sea Level U.S.C.&G.S.

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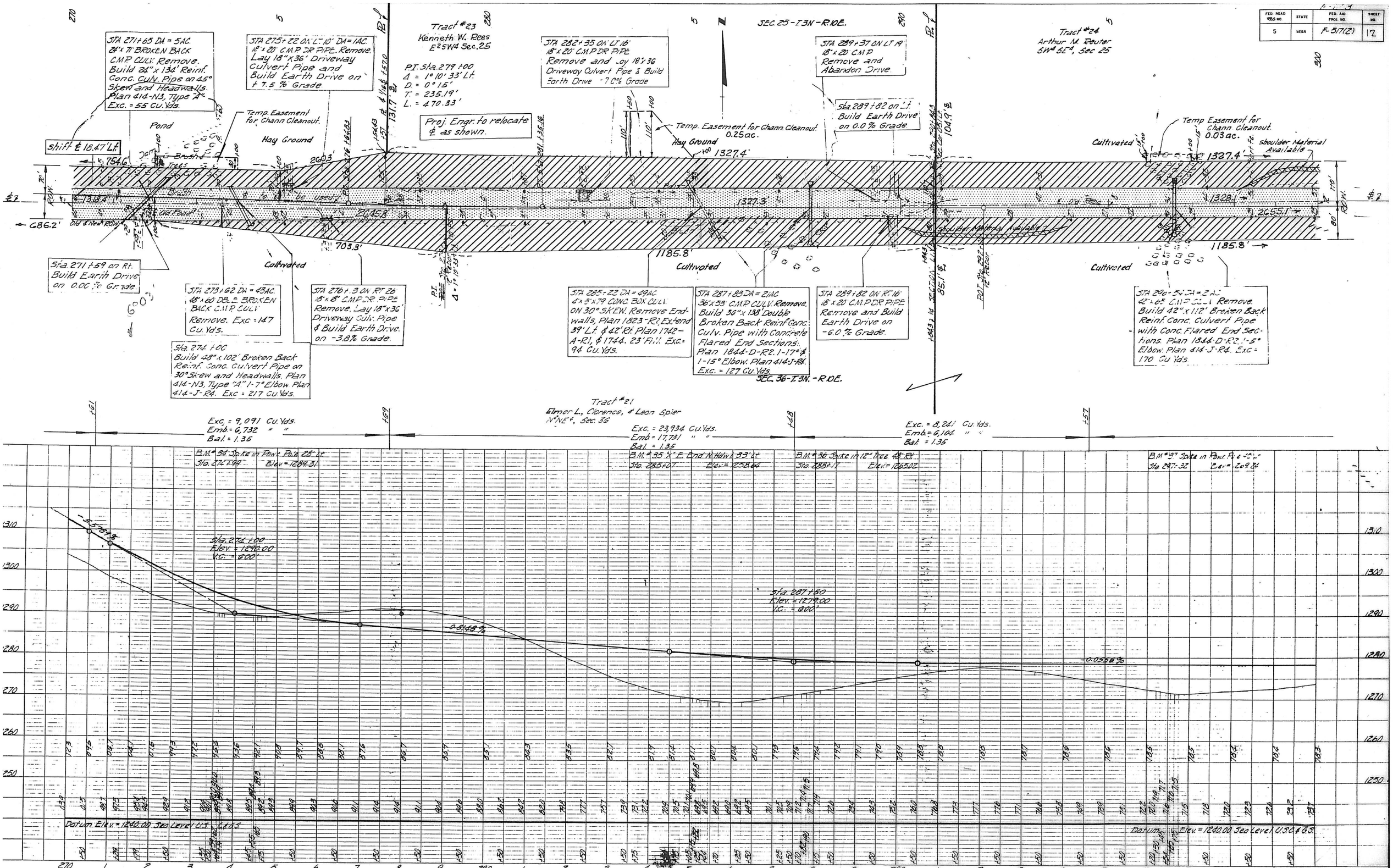
KEUFFEL & ESSER CO. N.Y.

PLAN-PROFILE C.B.&Q. R.R. LEMOYNE TO ROCK

DEPARTMENT OF ROADS

FED. ROAD PROJ. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR	F-5(7)(2)	12



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REWRIGHT TRACING CLOTH NO. 158
KEUFFEL & ESSER CO., N. Y.

BEARRICK - TABLE ROCK
PLATE 1 - PLAN - PROFILE U.P.R. & R.L. STANDARD

DEPARTMENT OF ROADS
STATE OF NEBRASKA 7 M 11.61

FED. ROAD SYM NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-5171(2)	13

* Revised 8/23/67.

Sta. 301+43 on Lt. Lay 18"x36' Driveway Culvert Pipe and Build Earth Drive on -1.4 % Grade.

SEC. 25-T3N-R10E. Tract #25 Julianna C. Hayes SE¼SE¼, Sec. 25

P.I. Sta. 306+30.6
Δ = 01°39'23" Lt.
D = 0°16'
T = 331.30
L = 662.50

STA. 311+27 DA = 19 AC. 38"x79' C.M.P. CULV. Remove. Build 36"x114' Reinf. Conc. Culvert Pipe with Flared End Sections. Plan 1844-D-R2. Exc. = 220 Cu. Yds.

Proj. Engr. to relocate ℄ as shown.

Build 3-Way Intersection. See Sheet No. 2-K1.

SEC. 30-T3N-R11E. Tract #25 Julianna C. Hayes SW¼ (Fractional) Sec. 30

Sta. 317+80 Build 30"x54' Reinf. Conc. Culv. Pipe with Concrete Flared End Sections. Plan 1844-D-R2. Exc. = 46 Cu. Yds.

P.I. Sta. 324+23.5
Δ = 0°56'23" Rt.
D = 0°15'
T = 187.95'
L = 375.89'

Sta. 323+50 on Lt. Build Earth Dike to Elev. = 1252.5

Shift P.I. 13.76' Lt.

STA. 326+27 ON LT. 14' DA = 1 AC. 18"x20' C.M.P. DR. PIPE. Remove. Lay 18"x48' Driveway Culvert Pipe and Build Earth Drive on +8.2 % Grade.

Shift ℄ 8.73' Lt.

Sta. 300+87 on Rt. Build Earth Drive on -13.0 % Grade.

STA. 302+20 DA = 1 AC. 24"x69' C.M.P. CULV. Remove. Build 30"x106' Reinf. Conc. Culv. Pipe with Conc. Flared End Sections. Plan 1844-D-R2. Exc. = 148 Cu. Yds.

Sta. 316+70 Build 30"x52' Reinf. Conc. Culv. Pipe with Flared End Sections. Plan 1844-D-R2. Exc. = 31 Cu. Yds.

STA. 316+59 ON RT. 18"x24' C.M.P. DR. PIPE Remove and Abandon Drive.

STA. 316+98 DA. = 9 AC. 24"x72' C.M.P. CULV. Remove. Exc. = 101 Cu. Yds.

STA. 317+70 DA = 6 AC. 24"x60' C.M.P. CULV. Remove. Exc. = 77 Cu. Yds.

Build 3-Way Intersection. Plan 414-N3.

STA. 322+94 DA = 5 AC. 24"x48' C.M.P. CULV. Remove. Build 24"x66' Reinf. Conc. Culv. Pipe with Conc. Flared End Sections. Plan 1844-D-R2. Exc. = 87 Cu. Yds.

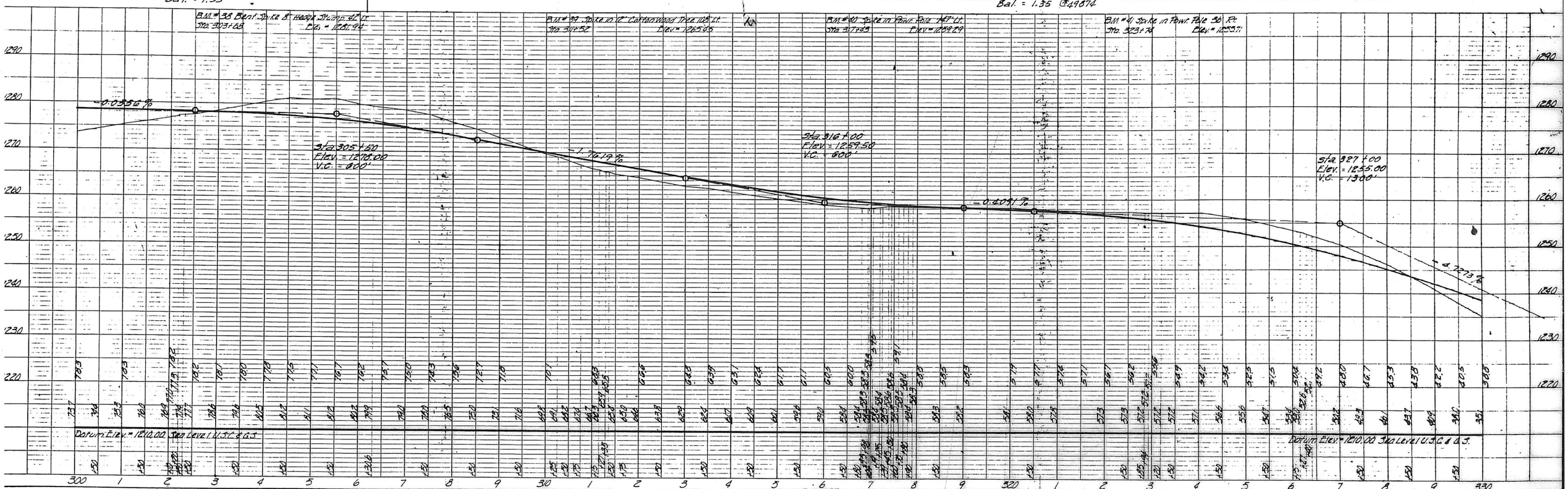
Sta. 323+50 on Rt. Build Earth Dike to Elev. = 1252.5

SEC. 36-T3N-R10E. Tract #26 Elmer L., Clarence, & Leon V. Spier N½NE¼, Sec. 36

Exc. = 16,945 Cu. Yds.
Emb. = 12,550 " "
Bal. = 1.35

SEC. 31-T3N-R11E.

Exc. = ~~66,323~~ 64,660* Cu. Yds.
Exc. = 2,794 " " (Channel, Lt. of Sta. 341+00 to Sta. 352+90 of which 206 Cu. Yds are to be wasted in old channel)
Emb. = ~~50,485~~ " "
Bal. = 1.35 @ 49874



DEARBRICK TABLE ROCK
PLATE 1 YEAR PROJECT 6-7-8 & 9-10 STANDING
RAINS & LEE COUNTY

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KEUFFEL & ESSER CO. N.Y.

STATE OF NEBRASKA 7-8-11-81

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-517(2)	14

M-273

* Revised 9/23/67

SEC. 30 - T3N - R11E.

Sta. 326+48 to Sta. 332+00 on Lt. Build 552 Lin. ft. of Conc. Ditch Lining. Plan 1847-R2 & F-517(2)-2C.

Sta. 333+00 on Lt. Build Earth Drive on -11.0% Grade.

Abandon

Shift ℄ 8.73' Lt.

Cultivated

800.0'

2555.0

1050

846.4'

Sta. 330+29 on Rt. 20' 18" x 28' C.M.P. DR. PIPE Remove. Lay 24" x 38' Driveway Culv. Pipe & Build Earth Drive on 0.00% Grade.

Sta. 333+70 on Rt. 20' 18" x 20' C.M.P. DR. PIPE Remove. Lay 24" x 38' Driveway Culv. Pipe & Build Earth Drive on -6.6% Grade.

Sta. 333+00 to Sta. 352+41 on Rt. Build Earth Dike as shown on sketch

Sta. 327+00 to Sta. 333+00 on Rt. Build 600 Lin. ft. of Conc. Ditch Lining. Plan 1847-R2 & F-517(2)-2C.

shift ℄ 0.00'

SEC. 31 - T3N - R11E.

Tract #28
Louis Hausner
N½ NW¼, Sec. 31.

Tract #27
John & Alice Hauner, h&w, J.T.
SE¼, Sec. 30 (West of R.R.)

Proj. Engr. to relocate ℄ as shown.

Sta. 348+02 DA = 1-13.8' SPAN CONC. BRIDGE ON SKEW. ℄ 29.2' RDWY. Remove.

Backfill at Abutments shall be made and compacted by the grading contractor as prescribed in Paragraph II of Article 81.11 in the Specifications, after the bridge has been built.

Sta. 351+31.5 on Lt. Build Discharge Structure. Plan F-517(2)-1C. Exc. = 35 Cu. Yds.

905.5'

1572.1

903.6

Cultivated

Sta. 348+10 on Rt. 18" x 16' C.M.P. DR. CULV. Remove. Lay 30" x 40' Driveway Culv. Pipe and Build Earth Drive on -8.0% Grade.

Sta. 352+50 - 65' Rt. Build 36" x 22' Broken Back Corr. Metal Culv. Pipe with Headwall on Inlet. Plan 1844-A-R2. 1-23° Elbow. Exc. = 29 Cu. Yds.

Sta. 352+45 on Rt. Build Earth Dike To Elev. = 1195.5

Sta. 352+78.9 DA = 1-75.9' SPAN CONC. BRIDGE & 29.2' RDWY. Remove.

Sta. 352+80.0 Build 2-75'-0" & 1-95'-00 Spans Welded Plate Girder Bridge. Conc. Floor, 28' Rdwy. Plan F-517(2)-1.

TURKEY CREEK

Begin Sp. Rails @ Bridge Floor

End Sp. Rails @ Bridge Floor

Channel Easement Cultivated

STA. 359+ ON LT. 31' R.R. BRIDGE

Channel Easement

Cultivated

End Del Rail

G.R.L. & R.

3' R.R. Bridge

Shift P.I. 15.71' Rt.

Shift ℄ 13.96' Rt.

Sta. 360+95.31 = 32" x 222' CONC. BRIDGE Remove & Build Twin 12' x 8' x 71' Conc. Box Culvert, Plan F-517(2) 6' Fill, Exc. = 136 Cu. Yds.

P.I. Sta. 358+00
Δ = 1°00'00" Lt.
D = 0°15'00"
T = 200.01'
L = 400.00

Tract #29
Joseph & Theoda M. Barnoski, h&w, J.T.
N½ NE¼, Sec. 31
West of R.R.

BM #42 Spike in Power Pole 34' Rt. Sta. 335+71 Elev. = 1202.85

BM #43 x St. Cor. Conc. Bridge End 18' Rt. Sta. 348+20 Elev. = 1198.98

BM #44 x St. Cor. Conc. Bridge End 14' Rt. Sta. 353+71 Elev. = 1199.02

BM #45 x St. Cor. Bridge End 19' Rt. Sta. 357+10 Elev. = 1198.67

Sta. 351+56.17 Stop Asphaltic Concrete Surface Course

Sta. 364+08.83 Begin Bituminous Surfacing

Sta. 330+00 Elev. = 1203.00 V.C. = 700'

Sta. 350+00 Elev. = 1207.20 V.C. = 600'

Sta. 354+00 Elev. = 1199.00 V.C. = 600'

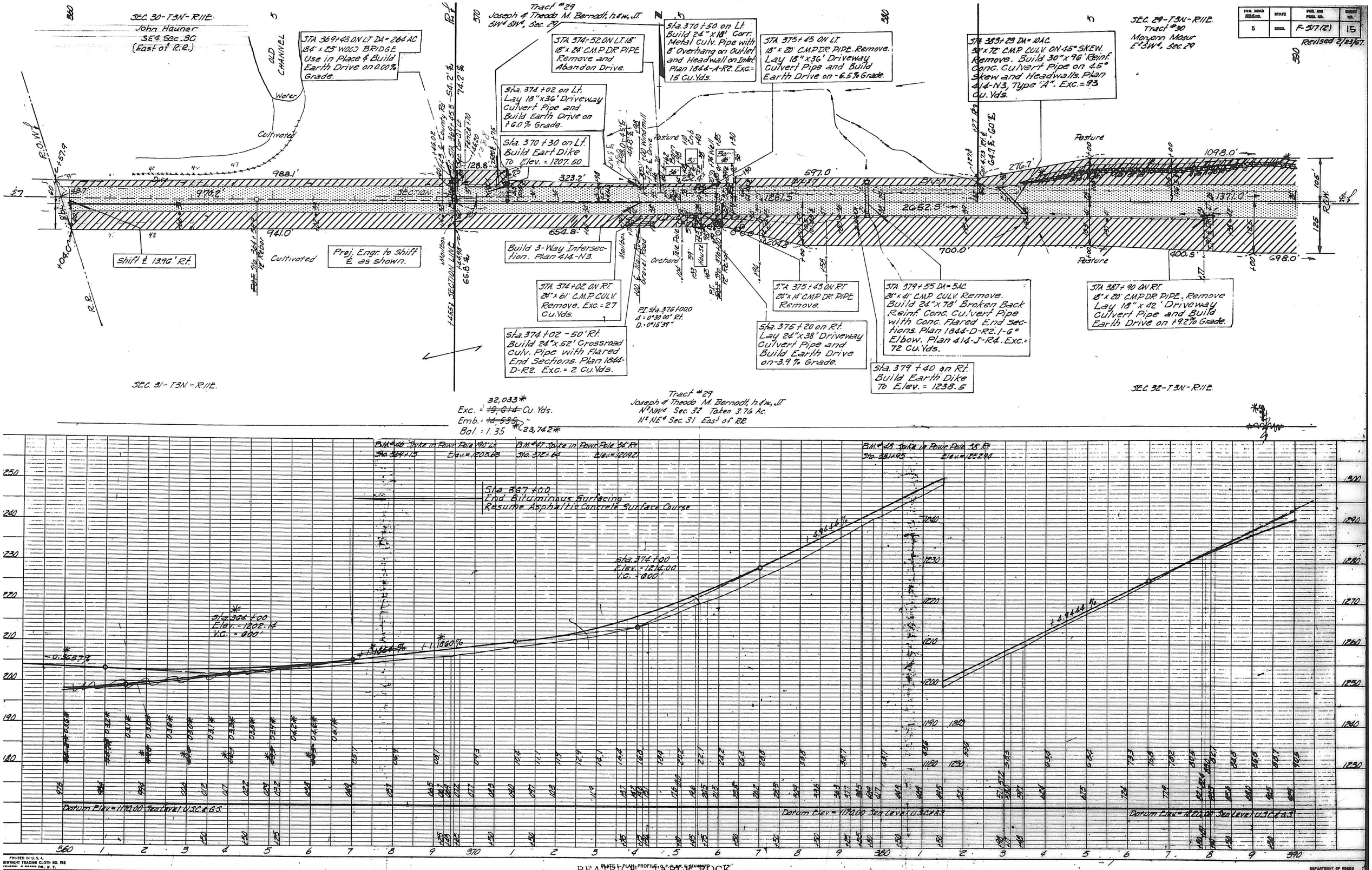
Sta. 359+90 Elev. = 1200.30 V.C. = 700'

Datum Elev. = 1100.00 Sta. 0+00 = 1202.85

BEATRICE - TABLE ROCK

PLATE 1 - PLAN-PROFILE C.R.M.&L. STANDARD

DEPARTMENT OF ROADS STATE OF NEBRASKA 1-61 R-64



FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-517(2)	15

Revised 2/23/67.

BEATRICE - TABLE ROCK

PRINTED IN U.S.A.

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-5(17)(2)	16

A1-273

* Revised 3/22/67.

Tract #31
Francis Klein
SW¼ SE¼, Sec 29
Taken 1.84 Ac.

Tract #32
Melvin H. & Hilda J. Buhman, h.&w., et al
SE¼ SE¼, Sec. 29

SEC. 29-T.3N-R.11E.

STA. 399+06 ON LT. 16' ℄, 18"x 20' C.M.P. DR. CULV. Remove and Build Earth Drive on -1.8 % Grade.

STA. 400+28 DA = 1.2AC. 24"x 68' BROKEN BACK C.M.P. CULV. Remove. Build 24"x 108' Broken Back Reinf. Conc. Culvert Pipe with Conc. Flared End Sections. Plan 1844-D-R2. 1-5° Elbow. Plan 414-J-R4. Exc. = 108 Cu. Yds.

STA. 400+55 DA = 3.4AC. 24"x 66' BR. B. C.M.P. CULV. ON ON 30° SKEW. Remove. Build 24"x 128' Broken Back Reinf. Conc. Culv. Pipe on 30° Skew with Headwalls, Plan 1844-A-R2, 1-7° Elbow, Plan 418-J-R4 Exc. = 152 Cu. Yds.

Sta. 411+40 on Lt. Build Earth Dike To Elev. = 1116.5

STA. 411+64 DA = 6AC. 24"x 63' C.M.P. CULV. Remove. Build 24"x 76' Broken Back Reinf. Conc. Culvert Pipe with Conc. Flared End Sections. Plan 1844-D-R2. 1-5° Elbow. Plan 414-J-R4. Exc. = 45 Cu. Yds.

STA. 391+82 DA = 10AC. 24"x 41' C.M.P. CULV. Remove. Build 24"x 52' Reinf. Conc. Culvert Pipe with Conc. Flared End Sections. Plan 1844-D-R2. Exc. = 91 Cu. Yds.

Sta. 391+50 on Rt. Build Earth Dike To Elev. = 1292.7

STA. 398+36 ON RT 33' 18"x 33' C.M.P. DR. PIPE Remove and Build Earth Drive on -1.5% Grade.

STA. 399+35 ON RT. 24"x 41' C.M.P. DR. CULV. Remove and Build Earth Drive on -13.6 % Grade.

STA. 401+10 ON RT. 18"x 20' C.M.P. DR. CULV. Remove and Abandon Drive.

STA. 405+03 ON RT 40' 18"x 21' C.M.P. DR. PIPE Remove. Lay 18"x 36' Driveway Culvert Pipe and Build Earth Drive on -10.4 % Grade.

STA. 415+58 DA = 5AC 24"x 55' C.M.P. CULV. Remove. Build 24"x 96' Reinf. Conc. Culvert Pipe with Conc. Flared End Sections. Plan 1844-D-R2. Exc. = 77 Cu. Yds.

STA. 418+86 ON RT. 22' 18"x 20' C.M.P. CULV. Remove. Lay 18"x 50' Driveway Culvert Pipe and Build Double Earth Drive -3.0 % Grade.

Cultivated — Pasture — Alfalfa — House — Garage — Barn — POND — E. Old Road — Section Line — Fence — Power Pole — Telephone Pole — Bridge — Culvert — Stockpile of Material

1098.0' — 698.0' — 354.2' — 977.0' — 927.5' — 1329.9' — 1314.9' — 1314.9' — 1314.9'

125' R.W. — 80' R.W.

SEC. 32-T.3N-R.11E.
Tract #31
Francis Klein
W½ NE¼, Sec. 32

Exc. = *40,197* ~~40,054~~ Cu. Yds.
Emb. = *29,775* ~~29,698~~ " "
Bal. = 1.35

Tract #32
Melvin H. & Hilda J. Buhman, h.&w., et al
NE¼ NE¼, Sec 32

B.M. #49 Spike Butt Post 23' Lt. Sta. 392+16 Elev. = 1298.81

B.M. #50 Spike in Fence Post 18' Lt. Sta. 400+31 Elev. = 1295.22

B.M. #51 Spike in Power Pole 42' Rt. Sta. 403+34 Elev. = 1303.80

B.M. #52 Spike in Power Pole 40' Rt. Sta. 414+38 Elev. = 1312.53

B.M. #53 Spike in Power Pole 38' Rt. Sta. 424+36 Elev. = 1316.60

Sta. 392+00
Elev. = 1303.00
V.C. = 1100'

Sta. 403+00
Elev. = 1305.00
V.C. = 600'

+0.1818 %

+1.6667 %

Datum Elev. = 1270.00 Sea Level U.S.C.&G.S.

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KEUFFEL & ESSER CO., N. Y.

PLATE 1 PLAN-PROFILE-O.P.R.R.E. STANDARD

BLAIR PRINTING CO. OMAHA

DEPARTMENT OF ROADS
STATE OF NEBRASKA E-6 H

FED. ROAD REGION	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-317(2)	17

* Revised 3/23/67

Tract #32
Melvin H. & Hilda J. Buhman, h.&w., J.T.
SW¼SW¼, Sec. 28

SEC. 28-T3N-R11E.

Tract #33
Leonard J. & Blanche I. Conroot, h.&w., J.T.
SE¼SW¼, Sec. 28

Sta. 435+44 on Lt.
Lay 18" x 36' Driveway Culvert Pipe and Build Earth Drive on -4.4 % Grade.

Sta. 449+43 on Lt.
Lay 18" x 50' Driveway Culvert Pipe and Build Double Earth Drive +1.6% Grade

Cultivated

Shoulder Material Available

1314.9

1319.6'

Begin Pa.

End Pa.

722.7'

Abandon

Pasture

658.9

757.4'

74.3' ℄ - 80' ℄

Sec. Line

1380.9'

Shoulder

Material Available

722.9'

659.1

1169.1'

Hedge

Build 4-Way Intersection. See Sheet No. 2-K1.

STA 432+48 DA = 200 AC
6'x5'x39' CONC. BOX CULV.
Remove Endwalls. Plan 1823-R2 Extend 28' Lt. & 31' Rt. Plan 1742-C. 9' Fill. Exc. = 51 Cu. Yds.

Sta. 442+65 on Rt.
Lay 18" x 42' Driveway Culvert Pipe and Build Earth Drive on + 7.4 % Grade.

Tract #32
Melvin H. & Hilda J. Buhman, h.&w., J.T.
NW¼NW¼, Sec. 33

SEC. 33-T3N-R11E.

Tract #33
Leonard J. & Blanche I. Conroot, h.&w., J.T.
NE¼NW¼, Sec. 33

Exc. 13,452* ~~13,572~~ Cu. Yds.
Emb. ~~10,059~~ " "
Bal. = 1.35 9,962*

Exc. 27,857* ~~27,737~~ Cu. Yds.
Emb. ~~20,549~~ " "
Bal. = 1.35 20,635*

B.M. #34 Spike in Power Pole 1.9' Lt.
Sta. 422+79 Elev. = 1327.78

B.M. #35 X Top of Hydrant 20' Rt.
Sta. 432+31 Elev. = 1310.55

B.M. #36 Spike in Power Pole 29' Rt.
Sta. 447+98 Elev. = 1310.18

F = 6.6667 %

Sta. 420+50
Elev. = 1327.50
V.C. = 1100'

-2.4500 %

Sta. 432+50
Elev. = 1313.00
V.C. = 600'

+0.9130 %

Sta. 444+00
Elev. = 1323.50
V.C. = 1300'

+0.9130 %

Datum Elev. = 1290.00 Sea Level U.S.C.&G.S.

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KEUFFEL & ESSER CO., N.Y.

BEATRICE - PROFILE - TABLE ROCK

DEPARTMENT OF ROADS

FED. ROAD REGN.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	MISS.	F-517(2)	18

* Revised 3/20/67.

For details of intersection see Sheet No. 2-L2 & 2-L3

STA. 452+79 ON LT. 18"x20' C.M.P. DR. PIPE Remove and Abandon Drive.

STA. 457+56 ON LT. DA=6AC. 24"x27' C.M.P. CULV. Remove. Exc.=6 Cu. Yds.

Sta. 457+39 to Sta. 457+71 on Lt. Build 24"x32' Corrugated Metal Culvert Pipe w/ Headwall on Inlet Plan 1844-A-R2 & Outlet in 54" Reinf. Conc. Pipe, see Sketch. Exc. = 10 Cu. Yds.

SEC 28-T3N-R11E
Tract #34
Melvin J. & Anna Burnon, h&w, J.T.
SE¼, Sec. 28
Taken 3.31 Ac

Pl Sta 475+50.5
Δ = 30°30' Lt.
D = 5°00'
T = 312.5
L = 610.0

Superelevate Curve 1" Per Ft. Plan 421-J-R1.

SEC 27-T3N-R11E.

Cultivated — 757.4' — 900.0' — Pasture — 950.5' — Cultivated — 1157.1' — Shoulder Material Available — 402.5' — Cultivated — 739.7' — 315.2' — Cultivated

Sec. Line — Brush — Old Road — Fence — Bridge Approach — Easement for Culv. Cleanout — Pond — Exc. Stumps — Fe. Co. — Start Fe. — End Fence — Bid Fence — Old Hwy. Road — Old Hwy. Ditch — Gravel Road — Borrow Area — Hwy. #50

687+60.3 = F-454(1) = 477+68.0 = F-517(2)

Sta. 457+73 to Sta. 457+95 on Rt. Build 24"x24' Corr. Metal Culvert Pipe with Headwall on Inlet Plan 1844-A-R2. & Outlet in 54" Reinf. Conc. Pipe, see Sketch. Exc.=6 CY.

STA. 457+72 DA=83AC. 5'x5'x72' CONC. BOX CULV. Remove. Build 54"x146' Broken Back Reinf. Conc. Culv. Pipe with Conc. Flared End Sections: Plan 1844-D-R2. 1-7° Elbow. Plan 414-J-R4. Exc.=41 Cu. Yds.

STA. 459+69 ON RT. 16 18"x20' C.M.P. DR. CULV. Remove and Abandon Drive.

Sta. 462+00 on Rt. Lay 18"x38' Driveway Culvert Pipe and Build Earth Drive on +4.4% Grade.

Build 3-Way Intersection. Plan 414-N3.

STA. 477+00 DA=99AC. 8N RT. 5'x6'x66' CONC BOX Remove.

Sta. 477+13 Build 5'x4'x141' Conc. Box Culvert on 25° Skew. Plan 1742-B & 1744. 13' Fill. 5 Control Joints. Plan 1743-H-R2. Exc. = 36 Cu. Yds.

SEC 33-T3N-R11E.
Tract #35
Edith M. & Myron E. Kent, w&h, J.T.
N½ Sec 34

SEC 34-T3N-R11E.

Exc. = 26,647* ~~28,755~~ Cu. Yds.
Emb. = ~~19,822~~ " "
Bal. = 1.35 (19,738*)

* Exc. = 39,804 Cu. Yds. (Rdwy.) *
This Balance includes the Earthwork Quantities involved on Sht #19
Exc. * ~~44,455~~ Cu. Yds. 8,787 * (Borrow, Sta. 477+75 to Sta. 481+00 on Rt.) * 1.55
Emb. = ~~32,462~~ " "
Bal. = 1.35 (35,994*)

BM #57 "X" E. end N. Hdwl. 8" Lt. Sta. 451+75 Elev. = 1243.31

BM #58 Spike in Tel. Pole 38" Lt. Sta. 469+05 Elev. = 1261.49

BM #59 "X" S. end W. Hdwl. 18" Lt. Sta. 475+27 Elev. = 1259.06

Sta. 455+00 Elev. = 1275.08 V.C. = 600'

Sta. 464+00 Elev. = 1272.00 V.C. = 1000'

Sta. 474+00 Elev. = 1246.80 V.C. = 800'

Sta. 479+00 Elev. = 1246.80 V.C. = 100'

Sta. 479+50.0 End Proj. F-517(2) End Construction End Asphaltic Conc Surface Course

-0.3333% -2.5200% -0.5200% -0.0000% -2.7000%

Datum Elev. = 1220.00 Sea Level U.S.C.&G.S.

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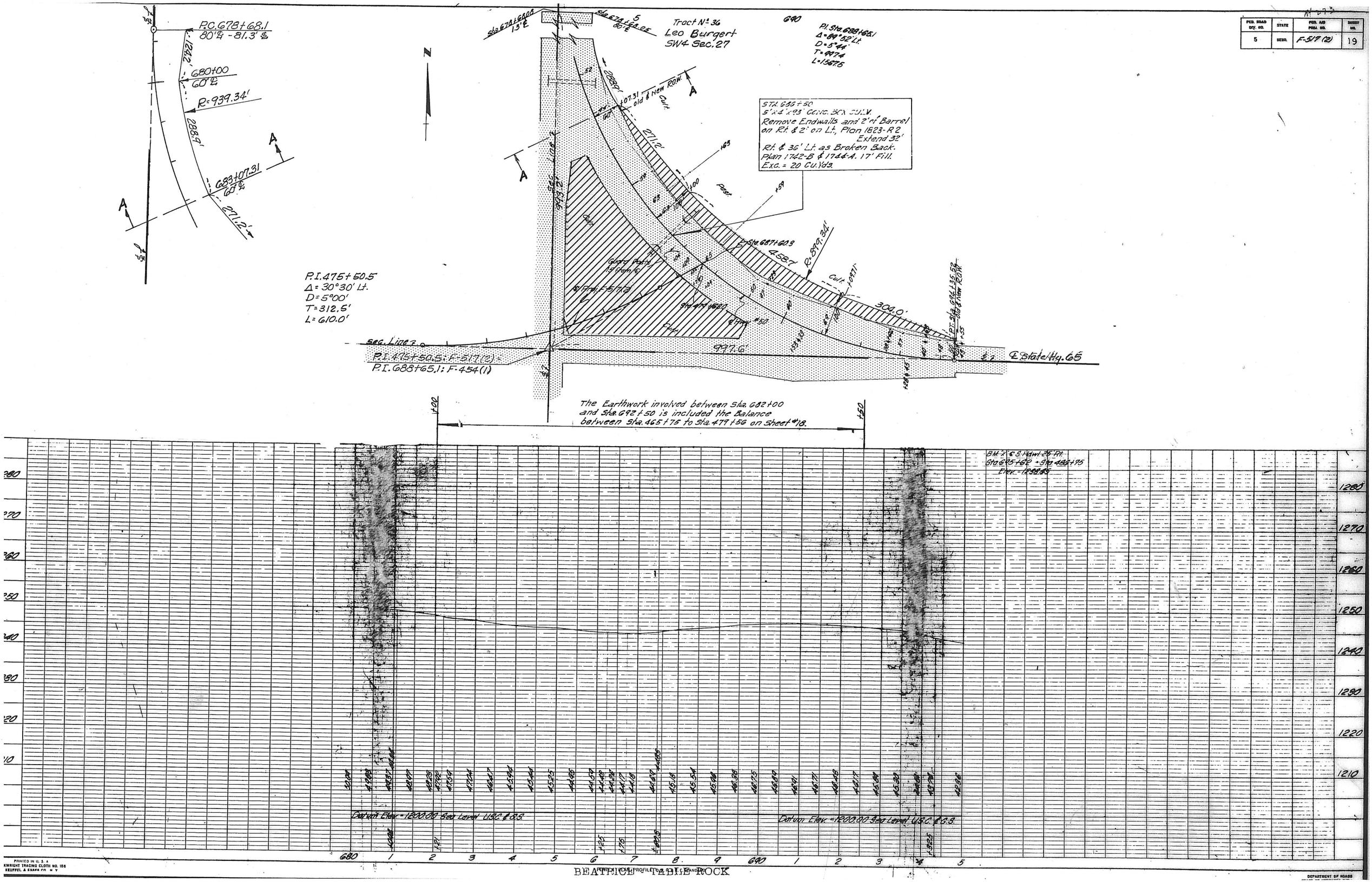
REWRIGHT TRACING CLOTH NO. 150
KEUFFEL & ESSER CO. N.Y.

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-517 (2)	19



BEATRICE - TABLE ROCK

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