INDEX OF SHEETS

NO 1 TITLE PAGE

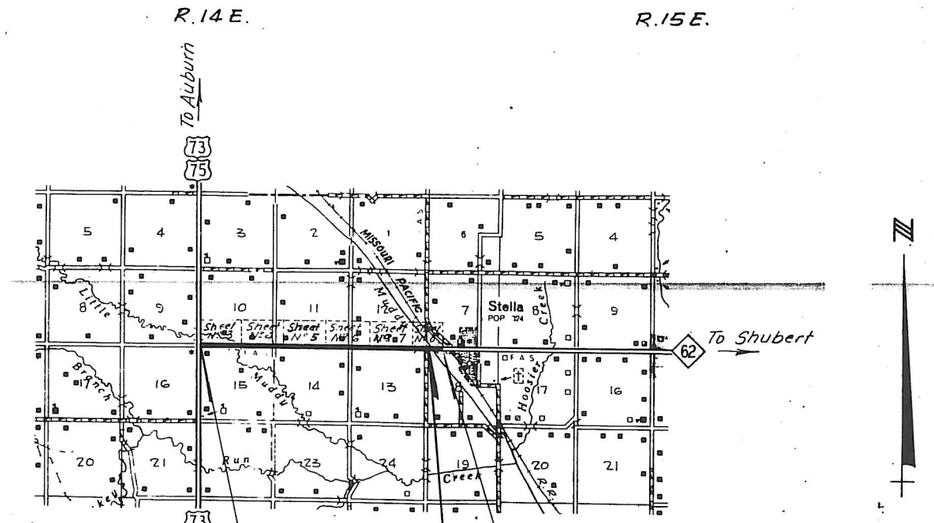
STATE OF NEBRASKA
DEPARTMENT OF ROADS
BUREAU OF HIGHWAYS
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID SECONDARY PROJECT Nº S 379 (6)
STELLA WEST
RICHARDSON COUNTY

REG.	NEB.	S 379 (6)	1

THE 1965 STANDARD SPECIFICATIONS OF NEBRASKA APPROVED BY THE BUREAU OF PUBLIC ROADS ON DEC 30, 1964. THE SUPPLEMENTAL SPECIFICATIONS DATED JAN 4, 1965 AND THE SPECIAL PROVISIONS APPLY TO THIS PROJECT

DRAWN R. WRIGHT
DATE JAN., 1969

" 3. Plan and Profile, Sta 0+10 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 " " 174+27.5



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
Y LINE
VILLAGE LIMITS
N LINE
LINE
RAIL
ADS
OF-WAY LINE
& CONTROLLED ACCESS LINE
OLLED ACCESS LINE
ED WAY

BASE or SURVEY LINE
DYKE
CULVERTS
POWER POLE
TELEPHONE or TELEGRAPH POLE
MARSH
HEDGE
TREES
GROUND ELEVATION 178 DATUM LINE
GRADE ELEVATION 173 DATUM LINE

EQUATION

EXCEPTIONS
FROM STA. 161 + 66.07 TO STA. 165 + 29.93 INCLUDED IN THIS LAYOUT
" " 171 + 13.60 " " 171 + 45.60 " " " "

TOTAL LENGTH OF EXCEPTIONS 395.86 FEET
TOTAL NET LENGTH OF Proj. S 379 (6) 17,021.64 FEET 3.224 MILES

APPROVED Nov. 18, 1965

DESIGN ENGINEER

STATE ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED

DIVISION ENGINEER DATE

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
5	NEBR.	S-379(6)	3	

COMPACTION REQUIREMENTS
Embankment, Class III - Type 'B'
Intersecting Public Roads, Class III, Type 'B'
Private Driveways, Class I

SPECIFICATION REFERENCES
Article 23.04 in the Standard Specifications

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

Granular material, (sand) excavated between Sta. 2± and Sta. 5± below approximate grade elevation shall be placed in the embankment at depths greater than 3.0' or beyond 15.0' Rt. & 15.0' Lt. of ℄.

SEC. 10-T3N-R14E
Tract #4
Ivan B. Wheeler
SW¼ Sec. 10

SEC. 15-T3N-R14E
Tract #3
Whilma H. (Anderson) Manley
WE NW¼, Sec. 15

Tract #5
Ivan B. & Ada Pearl Wheeler J.T.
E½ NW¼ & NE¼ Sec. 15

Tennyson E. & Fern I. Kelsey, H&W, J.T.
SE¼ Sec. 9

Whilma H. Manley
NE¼ NE¼ Sec. 16

Exc. = 9,924 Cu. Yds
Exc. = 30,610 " "
Emb. = 12,770 " "
Bol. = 1.30

(Channel Waste 24,934 Cu. Yds. in Old Channel)

CHANNEL
Crosses ℄ @ Sta. 9+30.3
~~P.I. Sta. 8+92.1~~
Δ = 62°00' Rt
D = 23°00'
T = 160.7'
L = 269.6'

DRIVEWAY
P.I. 320' Lt. Sta. 28+00
~~Δ = 80°00' Rt~~
D = 19°00'
T = 254.0'
L = 421.0'
R = 302.94'

Temp. Easement to Build Drive 0.74 Ac.

STA. 19+67 ON LT. 18"x 20' CMP DR. CULV. Remove. Lay 18"x 20' Driveway Culvert Pipe and Build Earth Drive.

Temp. Easement for Borrow Sta. 20+00 on Rt. Build Earth Dike to Elev. 1011.0

STA. 24+45 ON RT. 48"x 19' CMP DR. IVE CULV. Remove. Lay 54"x 54' Driveway Culvert Pipe and Build Earth Drive.

STA. 24+45 ON RT. 6'x 14' AUTO GATE. Remove & Replace.

Sta. 25+15.42 to Sta. 25+16.52 Build 50' Concrete Pavement Approach Slab w/ Deck Drainage System Plan S 379 (6)-IC.

Sta. 25+75 to Sta. 26+34 on Pr. 75 Build 54"x 84' Corr. Metal Broken Back Culvert Pipe and Headwalls with 6' Overhang on Outlet. Plan 1982-A-P2. 1.17" Flow. Exc. = 62 Cu. Yds.

Temp. Chan. Ease. 1.26 Ac.

Temp. Channel Easement

Sta. 26+98.68 to Sta. 27+48.68 Build 50' Concrete Pavement Approach Slab w/ Deck Drainage System Plan S 379 (6)-IC

Sta. 24+32.00 Build 130'-0" Multiple Span Prestressed Concrete Girder Bridge on 18" Skew, Concrete Floor, 28' Roadway. Plan S 379 (6)-1.

Back fill at abutments shall be made and compacted by the grading contractor as prescribed in Paragraph 2, of Article 8.11 in the Specifications after the bridge has been built.

Sta. 0+10 Begin Proj. S 379 (6) Begin Construction Begin Bituminous Surfacing

Sta. 25+15.42 Stop Bituminous Surfacing

Sta. 27+48.68 Resume Bituminous Surfacing

Sta. 0+10 Elev. 1046.12 No Curve

Sta. 9+00 Elev. 1038.70 V.C. = 400'

Sta. 12+00 Elev. 1009.94 V.C. = 1200'

Sta. 20+92 Elev. 1021.40 V.C. = 800'

Datum Elev. = 4000 Sea Level U.S.C.&G.S.

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
5	NEBR.	S-379(6)	4	

SEC.10-T3N-R14E
Tract #6
J.E. Harbour
Earl Harbour T.C.
Leon Harbour
SE¼, Sec.10

SEC.11-T3N-R14E
Tract #7
Ranch Spur Land Corp.
SW¼ & W. 100 Ac. SE¼, Sec.11

SEC.15-T3N-R14E
Tract #5
Ivan B.& Ada Pearl Wheeler J.T.
E½NW¼ & NE¼, Sec. 15

SEC.14-T3N-R14E

Cult.

945.0'

2639.7'

2541.5'

280.0'

Feed Yard

1017.9'

225.0'

732.0'

2639.4'

2640.5'

ROW 80

Sec. Line

Sta. 30+00 R.O.T. 1½" Rebar

Sta. 30+85 on Rt. Build Earth Drive.

STA. 37+45 DIA=3.4Ac. 6'x4'x42' CONC. BOX CULV. Remove Headwalls, Plan 1823-A1. Extend 6' Lt. & 26' Rt., Plan 1742-B. 5'-Fill. Exc.=48 Cu. Yds.

Sta. 39+16 on Lt. Build Earth Drive.

Sta. 42+70 DIA=3.9 Ac. 12'x6' 60' CONC. BOX CULV. ON 26° SKEW. Remove Headwalls, Plan 1823-A1. Extend 9' Lt. and 41' Rt. as Broken Back, Plans 1742-D-A1, 1745, & 1744-A. 5'-Fill. Exc.=140 Cu. Yds.

STA. 43+46 ON LT. 6'x20' CMP DRIVE CULV. Remove. Build Earth Drive.

STA. 47+90 ON RT. 18"x16' CMP DRIVE CULV. Remove. Lay 18"x30' Driveway Culvert Pipe and Build Earth Drive.

Sta. 47+00 to Sta. 51+00 on Lt. Build Interceptor Dike as Shown on Sketch on Sheet #9.

Sta. 52+64 on Rt. Build Earth Drive.

Sta. 58+60 on Lt. 100 Lay 24" x 32' Driveway Culvert Pipe and Build Earth Drive.

STA. 53+14 DIA=2.6Ac. 3'x3'x41' CONC. BOX CULV. Remove Headwalls, Plan 1823-A1. Extend 22' Rt. Plans 5-379(6)-1C & 1744-A. 3'-Fill. Exc.=38 Cu. Yds.

Build 3-Way Intersection. Plan 414-112.

Exc.=40,338 Cu. Yds.
Emb.=84,020 "
Bal.=1.90

B.M. No. 4 X on N.E. Cor. Headwall 30" D. Sta. 37+48
Elev.=1008.10

B.M. No. 5 X on N.E. Cor. Headwall 24" I.D. Sta. 42+69
Elev.=1007.79

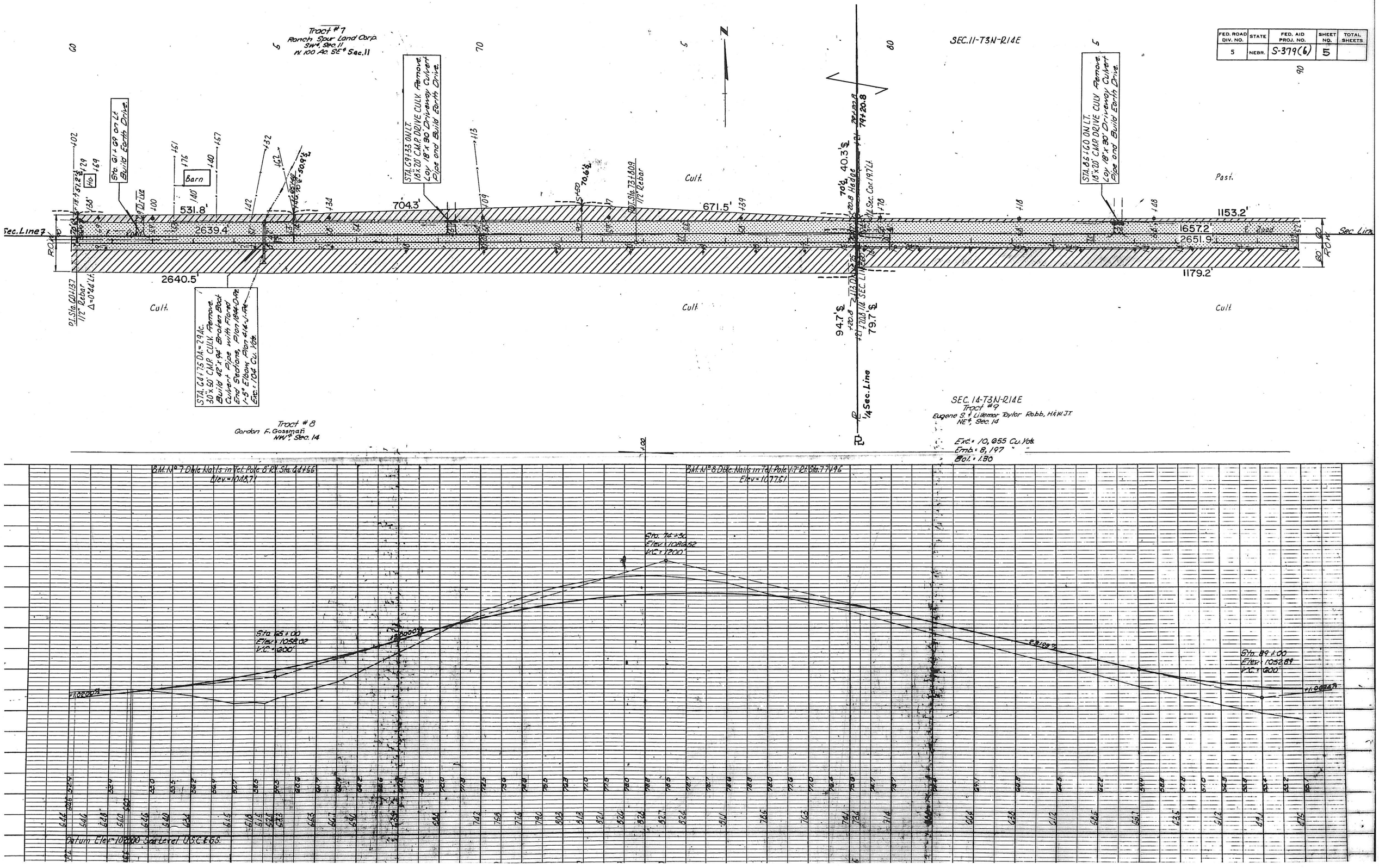
B.M. No. 6 X on N.E. Cor. Headwall 30" I.D. Sta. 63+16
Elev.=1038.41

Sta. 42+50
Elev.=1005.40
V.C.=900'

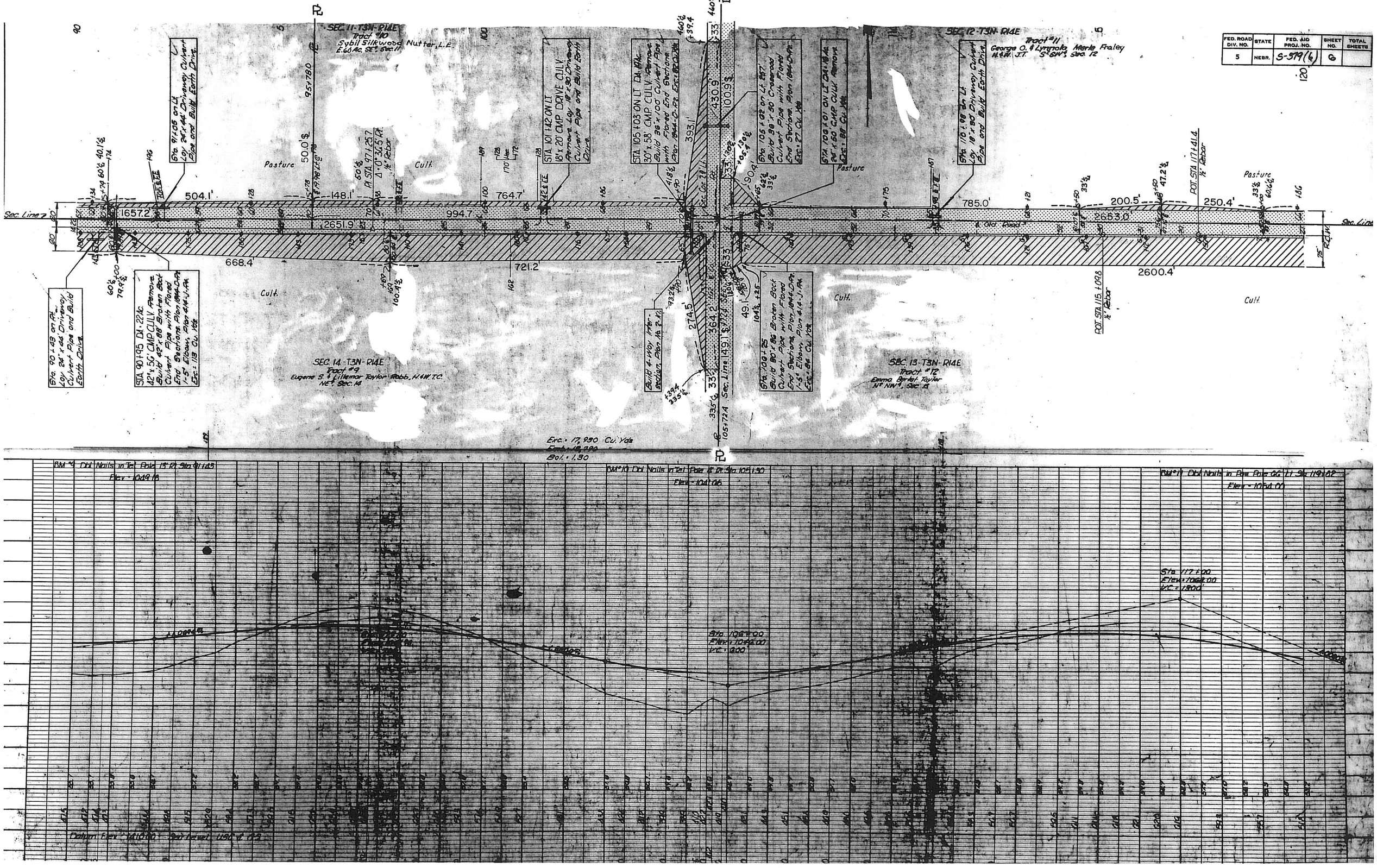
Sta. 55+00
Elev.=1047.88
V.C.=600'

Datum Elev.=1000 Sea Level U.S.C.&G.S.

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
5	NEBR.	S-379(6)	5	



FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
5	NEBR.	S-379(6)	6	



FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
5	NEBR.	S-379(6)	7	

SEC.12-T3N-R14E

Tract #14
Harry A. Herr.
SE¼ Sec. 12

STA. 126+90 ON LT. DA=16°.
36"x 52' BROKEN BACK CMP.
CULV. NO WL. ON SQ. END. Remove
Build 36"x 116' Broken Back
Culvert Pipe & Headwalls
Plan 1844-A-R2.
1-11° Elbow, Plan 414-J-RA
Exc.= 238 Cu. Yds.

Sta. 132+15 on Lt.
Lay 18"x 36' Driveway Culvert
Pipe and Build Earth Drive.

STA. 137+56 ON LT.
18"x 20' CMP. DRIVE CULV. Remove
Lay 18"x 30' Driveway Culvert
Pipe and Build Earth Drive

Sta. 141+00 on Lt.
Build Earth Drive

STA. 144+00 TO STA. 149+00
EXISTING DIKE. Use in Place

Sta. 127+10 on Rt.
Build Earth Dike
to Elev. 1026.5.

Sta. 128+00 to Sta. 137+50 on Rt.
Build Intercepting Dike
as shown on sketch on Sht. #3

Sta. 139+58 on Rt.
Lay 30"x 40' Driveway
Culvert Pipe and
Build Earth Drive.

Cult.
Road
Yard
Hog Lot
Old Pit Silo
Ditch Nosped
Dike
Past.
Cult.
Past.

SEC.13-T3N-R14E

Tract #13
Eloise Victoria Lillemor Taylor Robb
NE¼ Sec. 13

Exc.= 14,088 Cu. Yds.
Emb.=11,249
Bol.=1.91

Exc.= 15,788 Cu. Yds.
Emb.=12,083
Bol.=1.81

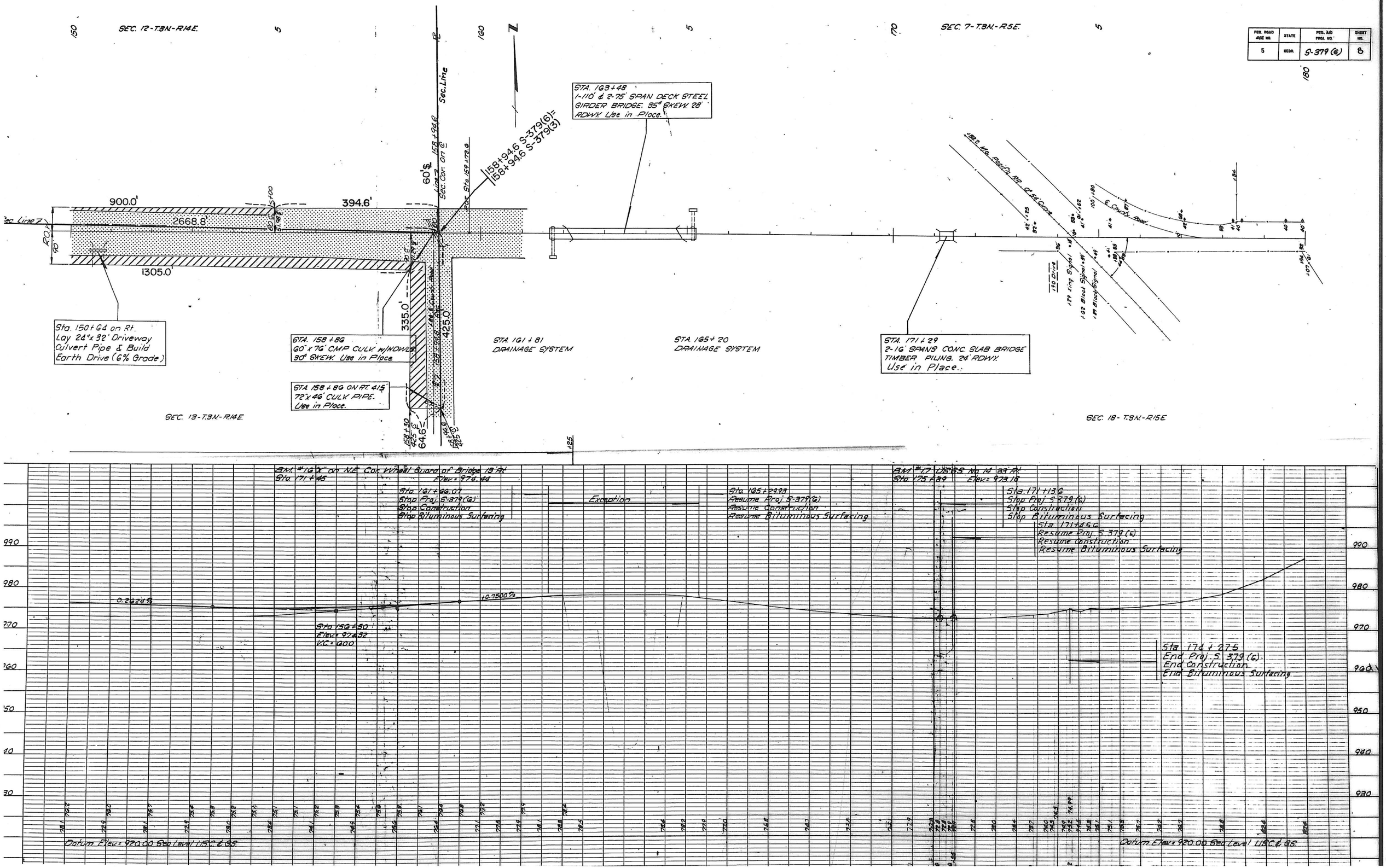
B.M. #12 "X" on S.E. Headwall 7" U. Sta. 128+18
Elev.=1015.68

B.M. #13 Dble Nails in Tel. Pole 3' Rt. Sta. 144+07
Elev.=976.98

Sta. 120+90
Elev.=1050.00
V.C.=900'

Sta. 135+00
Elev.=1012.93
V.C.=700

Sta. 144+00
Elev.=972.80
V.C.=800

Datum Elev.=1000.00 Sea Level U.S.G.S.

FED. ROAD AND NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	S-379 (6)	8