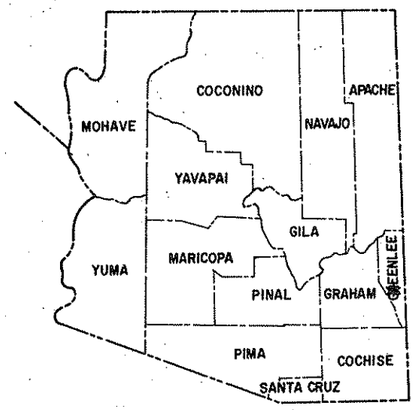
FHWA REGION	STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS	FINALIZED PLANS
9	ARIZ.	F-051-2-803	1	26	

DRAWING NUMBER	D-6-T-121



STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION
RIGHT OF WAY PLAN OF THE

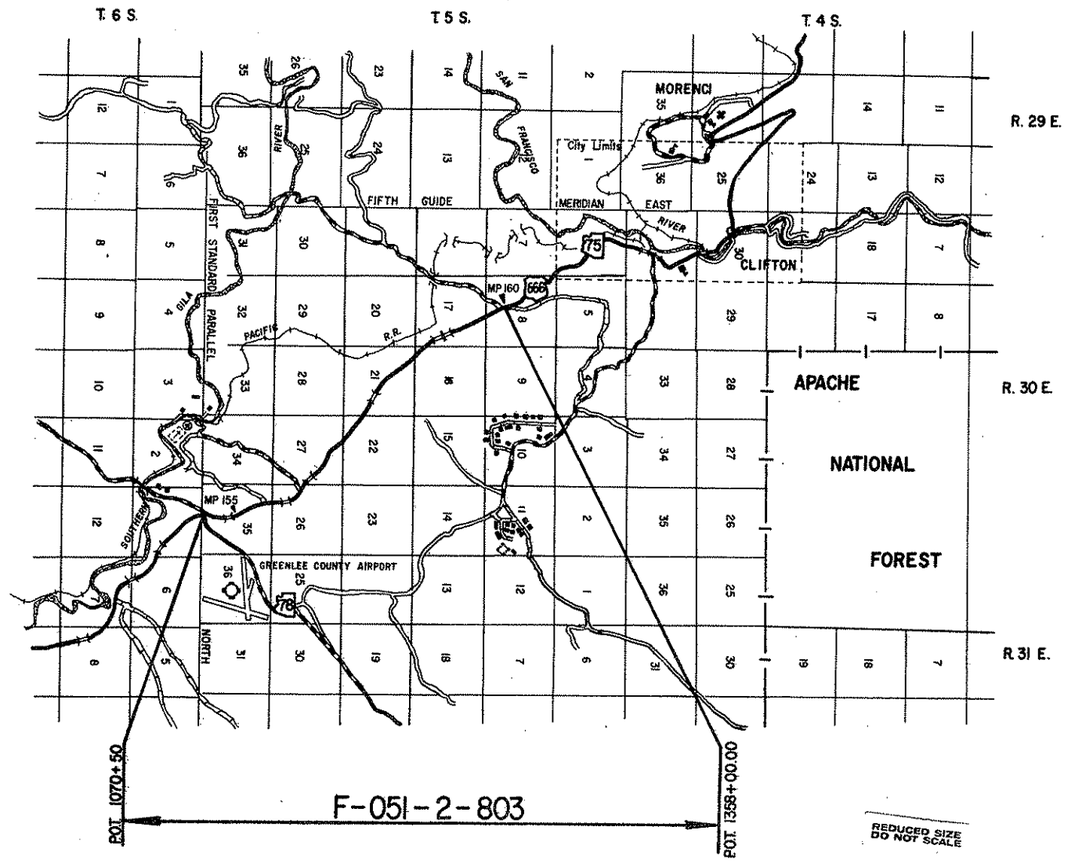
SAFFORD - SPRINGERVILLE HIGHWAY
THREE WAY - SMELTER HILL
U.S. 666
PROJECT NO. F-051-2-803

GREENLEE COUNTY DISTRICT 3
LENGTH OF PROJECT = 5.434 MILES

PRINTED
JAN 22 1979
R/W PLANS
PHOENIX, ARIZONA

RELOCATION

Click here for US 191 Index



REDUCED SIZE
DO NOT SCALE

Approved in accordance with Roadway Plans

DEPUTY STATE ENGINEER — DATE 1-10-79

ARIZONA DEPARTMENT OF TRANSPORTATION BOARD
Approved for Right of Way Acquisition in accordance with Resolution Number 78-20-A-67 Dated 12-15-78

Oscar T. Lyon, Jr. State Engineer

CHIEF DEPUTY STATE ENGINEER — DATE 1/15/79

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

DIVISION ENGINEER — DATE

DRAWING 44513

Click here for US 191 Index

SAFFORD-SPRINGERVILLE HWY.
THREE WAY - SMELTER HILL
GREENLEE COUNTY

REVISIONS				PROJECT NO.	F-051-2-803
C.O No	DATE	BY	DESCRIPTION	DRAWING NO.	D-6-T-121
				SHEET NO.	2 of 26
				DRAWN BY	NICO MORENO
				DATE COMP.	12-28-78
				SCALE	

A

Acres	Ac.
Ahead	Ahd
And	&
And Wife	et ux
And Others	et al
And Husband	et vir
Angle	∠
Approximate	Approx.
Arbitrary	Arb.
Asphalt	Asph.
At	@
Avenue	Ave.

B

Back	Bk.
Bank Protection	B.P.
Barbed Wire	B.W.
Bearing	Brng.
Beginning	Beg.
Book	Bk
Borrow	Bor.
Boulevard	Blvd.
Boundary	Bndry.
Brass Cap	B.C.
Bridge	Br.
Building	Bldg.
Bureau of Indian Affairs	B.I.A.
Bureau of Land Management	B.L.M.
Bureau of Reclamation	B.R.

C

Calculated	Calc. or C.
Cattle Guard	C.G.
Center	Ctr.
Center to Center	C to C
Centerline	℄
Channel	Chan.
Concrete	Conc.
Concrete Box Culvert	C.B.C.
Construction	Constr.
Contractor	Cont.
Corner	Cor.
Corrugated Metal Pipe	C.M.P.
County	Co.
Creek	Ck.
Cubic Yard	C.Y.
Culvert	Culv.
Curve Data	
Curve to Spiral	C.S.
Degree of Change per 100'	a
Length of Curve	L
Radius	R
Spiral to Curve	S.C.
Spiral to Tangent	S.T.
Delta	Δ
Point of Curve	P.C.
Deflection (Total Curve)	I
Point of Tangent	P.T.
Point of Compound Curve	P.C.C.
Point of Reverse Curve	P.R.C.
Point of Reverse Spiral	P.R.S.
Point of Intersection	P.I.
Degree of Curve	D
Tangent Length	T
Tangent to Spiral	T.S.

D

Deceleration	Decel.
Deflection	Defl.
Department	Dept.
Detour	Det.
Diameter	Dia.
Distance	Dist.
Ditch and Dyke	D & D
Docket	Dkt.
Drawing	Dwg.
Drive	Dr.
Dyke	Dk.
Drainage	Drn.
Drainage Easement	D.E.

E

Each	Ea.
Easement	Esmt.
East	E.
Elevation	Elev.
Embankment	Emb.
Engineer	Engr.
Equal	Eq. or =
Equation	Equa.
Excavation	Excav.
Existing	Exist.
Extend	Ext.

F

Federal	Fed.
Feet	Ft. or '
Fence	Fc.
Flowage Easement	F.E.
Forest	For.
Found	Fnd.
Frame	Fr.
Freeway	Frwy.
Future	Fut.

G

Galvanized	Galv.
Gauge	Ga.
Government	Govt.
Grader	Gr.
Guard	Gd.

H

Headwall	Hdwl.
Highway	Hwy.
House	Hse.

I

Inch	In. or "
Include	Incl.
Interchange	Intcg.
Iron Pipe	I.P.
Irrigation	Irr.

J

Joint	Jt.
Junction	Jct.

L

Left	Lf.
Length	Lgth.
Line	Ln.
Linear Feet	L.F.
Local Tangent Bearing	L.T.B.

M

Manhole	M.H.
Material	Matl.
Maximum	Max.
Median	Med.
Mile	Mi.
Mile Post	M.P.
Minimum	Min.
Minute	'
Miscellaneous	Misc.
Monument	Mon.
Mountain	Mt.

N

National	Natl.
North	N.
Number	No.

O

Opening	Opng.
Outside Diameter	O.D.
Office	Off.

P

Page	Pg.
Parcel	Par.
Parkway	Pkwy.
Per	/
Percent	%
Place	Pl.
Point on Curve	P.O.C.
Point on Tangent	P.O.T.
Point on Semi-Tangent	P.O.S.T.
Power Line	P.L.
Private	Pvt.
Project	Proj.
Property	Prop.
Proposed	Propsd.
Protection	Prot.

Q

Quadrant	Quad.

R

Railroad	R.R.
Range	Rng. or R.
Record	Rec. or (R)
Reinforced	Reinf.
Reinforced Concrete Pipe	R.C.P.
Required	Reqd.
Reservation	Res.
Right	Rt.
Right of Way	R/W
Road	Rd.
Roadway	Rdwy.

S

Second	"
Section	Sec.
Sheet	Sht.
Skew	Sk.
Slope Easement	S.E.
South	S.
Specifications	Specs.
Square	Sq.
Square Feet	ϕ
State Route	S.R.
Station	Sta.
Street	St.
Subdivision	Subdiv.
Survey	Sur.

T

Telegraph	Tlg.
Telephone	Tel.
Township	Twp. or T.
Temporary Construction Easement	T.C.E.
Traffic Interchange	T.I.
Turnout	T.O.
Typical	Typ.

U

United States General Land Office	U.S.G.L.O.
Underground	Ungnd.

V

Vertical	Vert.

W

West	W
West Bound	W.B.
Warranty Deed	W.D.

Y

Yard	Yd.

STANDARD ABBREVIATIONS

SRDSHNG 44-512

Click here for US 191 Index

SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

REVISIONS				PROJECT NO.	F-051-2-803
C.O.No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-6-T-121
				SHEET NO.	3 of 26
				DRAWN BY	NICO MORENO
				DATE COMP.	12-28-78
				SCALE	

ITEM	SYMBOL
HIGHWAY SURVEY CENTERLINE	
HIGHWAY CONSTRUCTION CENTERLINE	
HIGHWAY CENTERLINE (EXISTING)	
HIGHWAY RIGHT OF WAY LINE (NEW)	
HIGHWAY RIGHT OF WAY LINE (EXISTING)	
CONTROLLED ACCESS (FULL)	
CONTROLLED ACCESS (PARTIAL)	
CONTROLLED ACCESS (EXISTING)	
RAILROAD RIGHT OF WAY LINE	
RAILROAD RIGHT OF WAY LINE COMMON TO HIGHWAY RIGHT OF WAY LINE (EXISTING)	
NATIONAL OR STATE BOUNDARY LINE	
FOREST, NATIONAL MONUMENT, MILITARY OR INDIAN RESERVATION	
COUNTY LINE	
TOWNSHIP OR RANGE LINE	
SECTION LINE	
QUARTER OR MID SECTION LINE	
SIXTEENTH OR GOVERNMENT LOT LINE	
LAND GRANT BOUNDARY LINE	
CITY LIMITS BOUNDARY LINE	
SUBDIVISION OR LOT BOUNDARY LINE	
PROPERTY OWNERSHIP BOUNDARY LINE	
PROPERTY LEASE BOUNDARY LINE	L L
SURVEY MEANDER LINE	
POWER LINE	
POWER TRANSMISSION LINE	
TELEPHONE OR TELEGRAPH LINE	
TELEPHONE AND POWER LINE (COMBINATION)	
UNDERGROUND TELEPHONE CABLE	T T T T
WATER UTILITY LINE	W 6" W 6" W
NATURAL GAS UTILITY LINE	G 2" G 2" G
SANITARY SEWER LINE	S 8" S 8" S
STORM SEWER LINE	SS 36" SS 36" SS

ITEM	SYMBOL
HIGHWAY SLOPE OR DRAINAGE EASEMENT (NEW)	
HIGHWAY SLOPE OR DRAINAGE EASEMENT (EXISTING)	
TEMPORARY CONSTRUCTION EASEMENT (NEW)	
ROAD (NEW) (SHOULDER TO SHOULDER WIDTH)	
ROAD (EXISTING) (SHOULDER TO SHOULDER WIDTH)	
RAILROAD TRACK	
RIVER OR CREEK (CONTINUOUS FLOW)	
RIVER OR CREEK (INTERMITTENT FLOW)	
NATURAL DRAINAGE OR A WASH	
CANAL, CHANNEL, OR DITCH (NEW)	
CANAL, CHANNEL, OR DITCH (EXISTING)	
IRRIGATION DITCH OR LINE (NEW)	IRR IRR
IRRIGATION DITCH OR LINE (EXISTING)	IRR IRR
DYKE OR LEVEE (NEW)	
DYKE OR LEVEE (EXISTING)	
BANK PROTECTION	
RETAINING WALL	
CONSTRUCTION OR SLOPE LIMITS	
WIRE OR BARBED WIRE FENCE	
CHAIN LINK FENCE	
WOOD FENCE	
STONE FENCE	
ROAD GUARD (NEW)	
ROAD GUARD (EXISTING)	
CURB	
CURB AND GUTTER	
DEPRESSED CURB WITH GUTTER (NEW)	
DEPRESSED CURB WITH GUTTER (EXISTING)	
TREES (DECIDUOUS)	
TREES (CONIFEROUS)	
HEDGE OR SHRUBBERY	
EXIST. PAVEMENT	
NEW PAVEMENT	
NEW STRUCTURES (BRIDGES, ETC. NOT COVERED BY PAVEMENT)	
EXIST. PAVEMENT, TO BE OBLITERATED	
EXCESS TAKE	

STANDARD SYMBOLS

ITEM	SYMBOL
BRIDGE (NEW)	
BRIDGE (EXISTING)	
PIPE CULVERT (NEW)	
PIPE CULVERT (EXISTING)	
BOX CULVERT (NEW)	
BOX CULVERT (EXISTING)	
CATTLE GUARD (NEW)	
CATTLE GUARD (EXISTING)	
GATE (NEW)	
GATE (EXISTING)	
FORD (NEW)	
FORD (EXISTING)	
TRAFFIC DIRECTIONAL FLOW ARROWS	
DRAINAGE DIRECTIONAL FLOW ARROWS	
PROPERTY LIMIT ARROWS	
LEASE LIMIT ARROWS	L L
PROPERTY TIE BARS	
SURVEY MONUMENT, NEW	
SURVEY MONUMENT, EXISTING	
NEW RIGHT OF WAY CONTROL POINT	
RIGHT OF WAY MARKER, EXISTING	
NORTH ARROW	
FOUND SEC. COR. or 1/4 COR.	
UNFOUND SEC. COR. or 1/4 COR.	
FOUND CENTER SEC.	3
UNFOUND CENTER SEC.	3

5/32" Diameter Circle. No.1 Rapidograph Pen, Or Equal.

1/2" Diameter Circle. No.1 Rapidograph Pen, Or Equal.

5/32" Diameter Circle. No.1 Rapidograph Pen, Or Equal.

SECTION CORNER — CENTER OF SECTION — 1/4 CORNER

7-614 PARCEL BUBBLE Size 3/4" 7-614 7-614-L1

ESULING 44-512

SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

Click here for US 191 Index

REVISIONS					
C.O. No.	DATE	BY	DESCRIPTION	PROJECT NO.	F-051-2-803
5404	6-27-79	R.L.R.	Chg'd. T.A. in L-3, Sec. 21 to 403 Ac. C.E.S.(3)	DRAWING NO.	D-6-T-121
				SHEET NO.	4 of 26
				DRAWN BY	G.K.
				DATE COMP.	12-28-78
				SCALE	"

OWNERSHIP RECORD / ACQUISITION RECORD

PARCEL NUMBER	OWNER	DESCRIPTION	TOTAL AREA	AREA REQUIRED GROSS INCLUDING EXISTING R/W	AREA REQUIRED NET EXCLUDING EXISTING R/W	EASEMENT AREA	REMAINDER LEFT	REMAINDER RIGHT	SHEET NUMBER	BOARD APPROVAL	TYPE & DATE OF INSTRUMENT	RECORDED DATE	RECORDED BOOK	RECORDED PAGE
6-104	STATE OF ARIZONA (S.L.D.)	Pt. of Sec. 35 T5S R30E	640.0 Ac.	38.4 Ac.	9.2 Ac.		233.8 Ac	① 367.8 Ac.	6, 7, 8	1-3-80	GRANT 1-17-80	NOT RECORDED		
		Pt. of Sec. 26 T5S R30E	640.0 Ac.	26.4 Ac.	12.5 Ac.		51.6 Ac.	562.0 Ac.	8, 9					
		Pt. of Sec. 27 T5S R30E	640.0 Ac.	45.9 Ac.	25.0 Ac.	1.0 Ac. T.C.E.	517.0 Ac.	77.1 Ac.	9, 10					
		Pt. of Sec. 22 T5S R30E	640.0 Ac.	16.9 Ac.	5.9 Ac.		22.6 Ac.	600.5 Ac.	10, 11					
		Pt. of Sec. 21 T5S R30E	640.0 Ac.	45.4 Ac.	16.6 Ac.		375.0 Ac.	219.6 Ac.	11, 12, 13					
		Pt. of Sec. 16 T5S R30E	640.0 Ac.	7.6 Ac.	2.2 Ac.		3.1 Ac.	629.3 Ac.	13					
		Pt. of Sec. 17 T5S R30E	640.0 Ac.	36.1 Ac.	13.1 Ac.	0.8 Ac. T.C.E.	497.8 Ac.	106.1 Ac.	14, 15					
		Pt. of Sec. 8 T5S R30E	640.0 Ac.	② 50.0 Ac.	2.8 Ac.	0.4 Ac. T.C.E.	163.3 Ac.	426.7 Ac.	15, 16					
L-1	ROBERT DAVIS, et al Comm. Lease # 1481-L	Pt. of Sec. 35 T5S R30E	623.4 Ac.	29.3 Ac.	9.2 Ac.		228.7 Ac.	① 365.4 Ac.	6, 7, 8	1-3-80	GRANT 1-17-80	NOT RECORDED		
L-2	ELNO J. LUNT, et ux. Grazing Lease #416-01	Pt. of Sec. 26 T5S R30E	640.0 Ac.	26.4 Ac.	12.5 Ac.		51.6 Ac.	562.0 Ac.	8, 9	1-3-80	R/W 10-31-79	NOT RECORDED		
		Pt. of Sec. 27 T5S R30E	640.0 Ac.	45.9 Ac.	25.0 Ac.	1.0 Ac. T.C.E.	517.0 Ac.	77.1 Ac.	9, 10					
		Pt. of Sec. 22 T5S R30E	640.0 Ac.	16.9 Ac.	5.9 Ac.		22.6 Ac.	600.5 Ac.	10, 11					
		Pt. of Sec 16 T5S R30E	640.0 Ac.	7.6 Ac.	2.2 Ac.		3.1 Ac.	629.3 Ac.	13					
L-3	LEE K. UDALL, et ux Grazing Lease #30489-02	Pt. of Sec. 21 (W. of Hwy.) T5S R30E	403 Ac.	45.4 Ac.	16.6 Ac.		357.6 Ac.		11, 12, 13	1-3-80	GRANT 1-17-80	NOT RECORDED		
		Pt. of Sec. 17 (W. of Hwy.) T5S R30E	521.0 Ac.	36.1 Ac.	13.1 Ac	0.8 Ac. T.C.E.	484.9 Ac.		14, 15					
		Pt. of Sec. 8 (W. of Hwy.) T5S R30E	41.3 Ac.	6.3 Ac.	2.8 Ac.	0.4 Ac. T.C.E.	35.0 Ac.		15, 16					

① Remainder Rt. includes Exist R/W on SR. 78.

② Gross Area includes 40.3 Ac. Exist. R/W previously acquired under R/W Project S-218-503

SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

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REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5336	3-20-79	RGHE	SPLIT UNMTR. PROJ. LIMITS INTO TWO UNITS
5404	6-27-79	R.L.R.	See C.O. For Revisions. C.E.S. (3)
5841	7-1-81	R.L.R.	Added new stock tank at 1141 C.E.S. (23)
5873	9-25-81	R.L.R.	Added disposal area & channel L.F. 1159±
"	"	"	Bid (23)

PROJECT NO.	F-051-2-803
DRAWING NO.	D-6-T-121
SHEET NO.	5 of 26
DRAWN BY	G.K.
DATE COMP.	12-28-78
SCALE	1"=1000'

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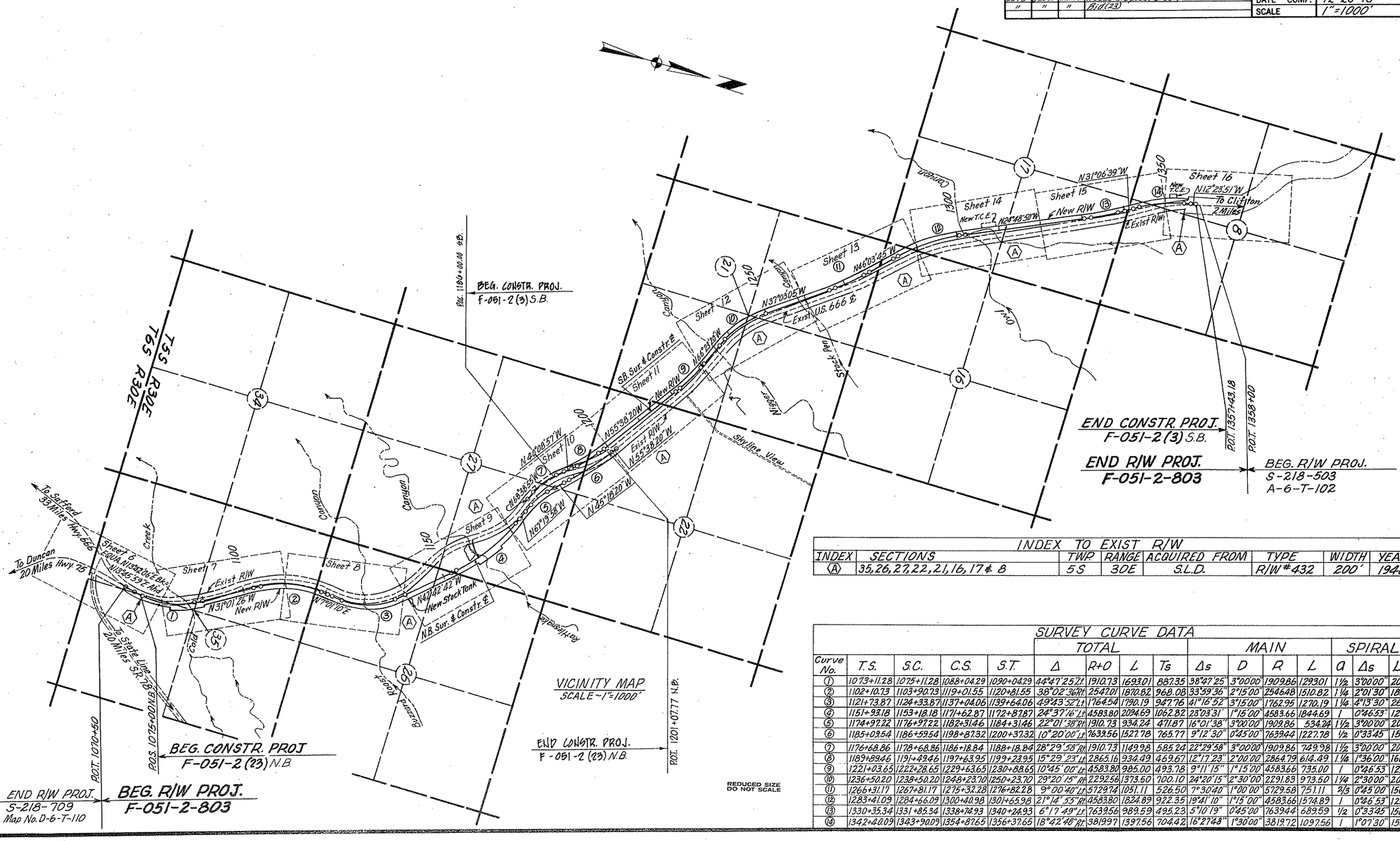

INDEX TO EXIST R/W

INDEX	SECTIONS	TWP	RANGE	ACQUIRED FROM	TYPE	WIDTH	YEAR
Ⓐ	35, 26, 27, 22, 21, 16, 17 & 8	5S	30E	S.L.D.	R/W #432	200'	1940

SURVEY CURVE DATA

	TOTAL								MAIN				SPIRAL		
Curve No.	T.S.	S.C.	C.S.	S.T.	Δ	R+O	L	Ts	Δs	D	R	L	a	Δs	Ls
①	1073+11.28	1075+11.28	1088+04.29	1090+04.29	44°47'25"Lt	1910.73	1693.01	887.35	38°47'25"	3°00'00"	1909.86	1293.01	1½	3°00'00"	200.0
②	1102+10.73	1103+90.73	1119+01.55	1120+81.55	38°02'36"Rt	2547.01	1870.82	968.08	33°59'36"	2°15'00"	2546.48	1510.82	1¼	2°01'30"	180.0
③	1121+73.87	1124+33.87	1137+04.06	1139+64.06	49°43'52"Lt	1764.54	1790.19	947.76	41°18'52"	3°15'00"	1762.95	1270.19	1¼	4°13'30"	260.0
④	1151+98.18	1153+18.18	1171+62.87	1172+87.87	24°37'16"Lt	4583.80	2094.69	1062.82	23°03'31"	1°15'00"	4583.66	1844.69	1	0°46'53"	125.0
⑤	1174+91.22	1176+97.22	1182+31.46	1184+31.46	22°01'38"Rt	1910.73	934.24	471.87	16°01'36"	3°00'00"	1909.86	534.24	1½	3°00'00"	200.0
⑥	1185+09.54	1186+59.54	1198+87.32	1200+37.32	10°20'00"Lt	7639.56	1527.78	765.77	9°12'30"	0°45'00"	7639.44	1227.78	½	0°33'45"	150.0
⑦	1176+68.86	1178+68.86	1186+18.84	1188+18.84	28°29'58"Rt	1910.73	1149.98	585.24	22°29'58"	3°00'00"	1909.86	749.98	1½	3°00'00"	200.0
⑧	1189+89.46	1191+49.46	1197+63.95	1199+23.95	15°29'23"Lt	2865.16	934.49	469.67	12°17'23"	2°00'00"	2864.79	614.49	1¼	1°36'00"	160.0
⑨	1221+03.65	1222+28.65	1229+63.65	1230+88.65	10°45'00"Lt	4583.80	905.00	493.78	9°11'15"	1°15'00"	4583.66	735.00	1	0°46'53"	125.0
⑩	1236+50.20	1238+50.20	1248+23.70	1250+23.70	29°20'15"Rt	2292.56	1373.60	700.10	24°20'15"	2°30'00"	2291.83	973.50	1¼	2°30'00"	200.0
⑪	1266+31.17	1267+81.17	1275+32.28	1276+82.28	9°00'40"Lt	5729.14	1051.11	526.50	7°30'40"	1°00'00"	5729.58	751.11	¾	0°45'00"	150.0
⑫	1283+41.09	1284+66.09	1300+40.98	1301+65.98	21°14'55"Rt	4583.80	1824.89	922.35	19°41'10"	1°15'00"	4583.66	1574.89	1	0°46'53"	125.0
⑬	1330+35.34	1331+85.34	1338+74.93	1340+24.93	6°17'49"Lt	7639.56	989.59	495.23	5°10'19"	0°45'00"	7639.44	689.59	½	0°33'45"	150.0
⑭	1342+40.09	1343+90.09	1354+87.65	1356+37.65	18°42'48"Rt	3819.97	1397.56	704.42	15°27'48"	1°30'00"	3819.72	1097.56	1	1°01'30"	150.0

BRUNING 44-512

SAFFORD - SPRINGERVILLE HWY.
THREE WAY - SMELTER HILL
GREENLEE COUNTY

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REVISIONS				PROJECT NO.	F-051-2-803
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-6-T-121
5238	9-20-79	RENE	SPLIT LOWER TRAV. LANES INTO TWO UNITS	SHEET NO.	6 of 26
5241	7-1-81	R.L.R.	Removed Pipe Culvert Station 1082+00 (23)	DRAWN BY	G.K.
				DATE COMP.	12-28-78
				SCALE	1"=100'

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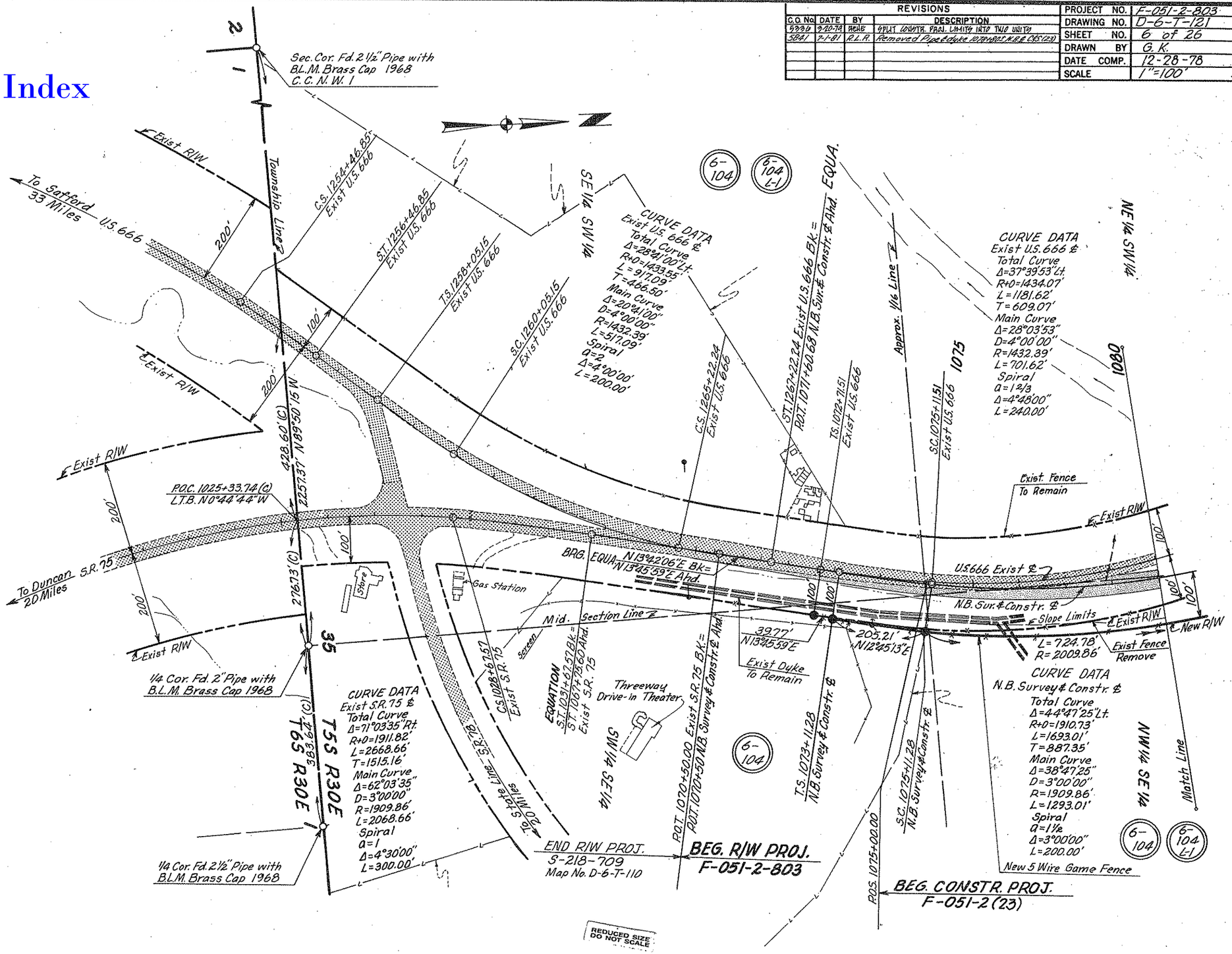


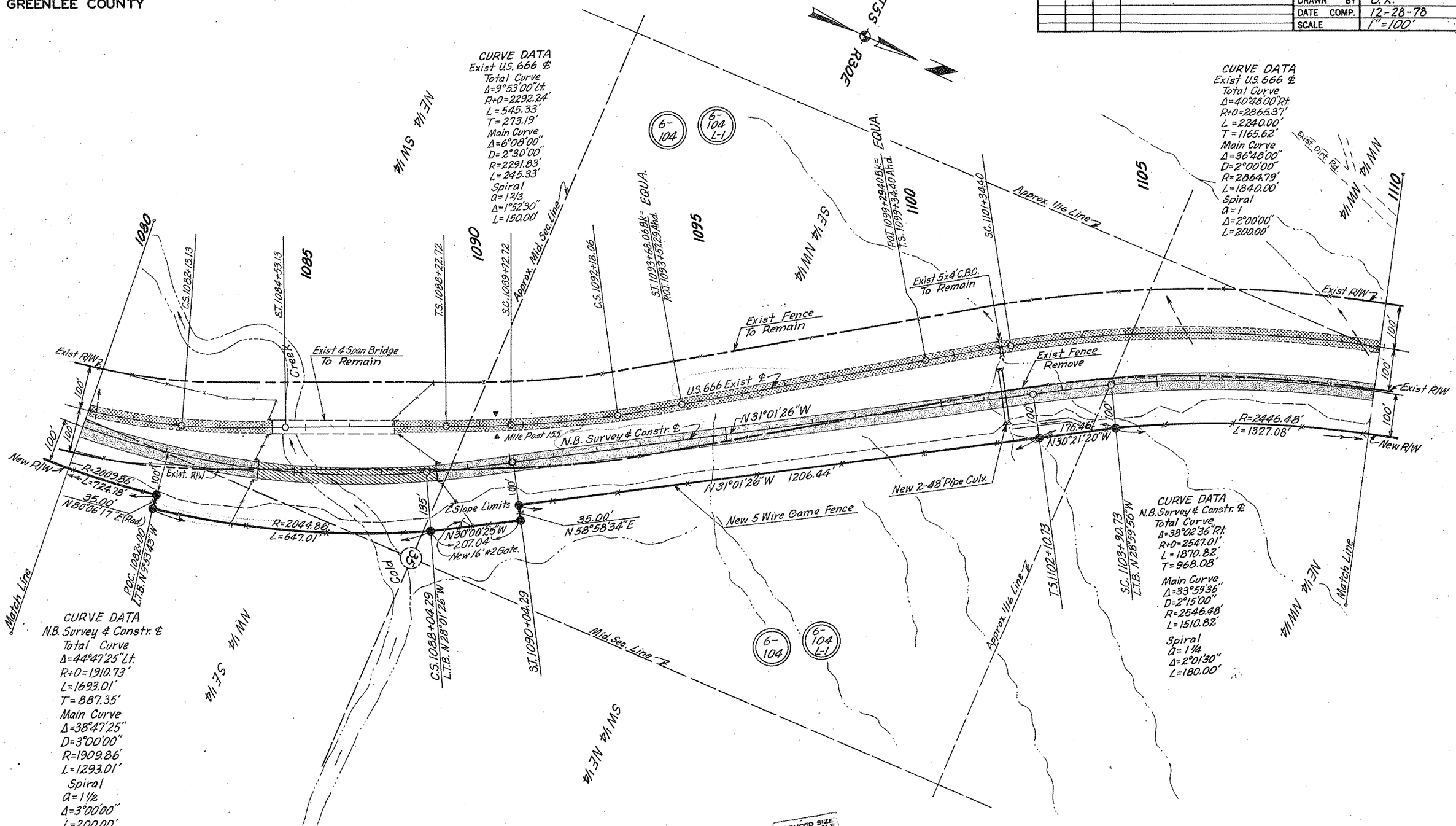
REDUCED SIZE DO NOT SCALE

BRUNING 44-512

SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5841	7-1-81	R.L.R.	See C.O. For Revisions. C.E.S. (23)

PROJECT NO.	F-051-2-803
DRAWING NO.	D-6-T-121
SHEET NO.	7 of 26
DRAWN BY	G.K.
DATE COMP.	12-28-78
SCALE	1"=100'



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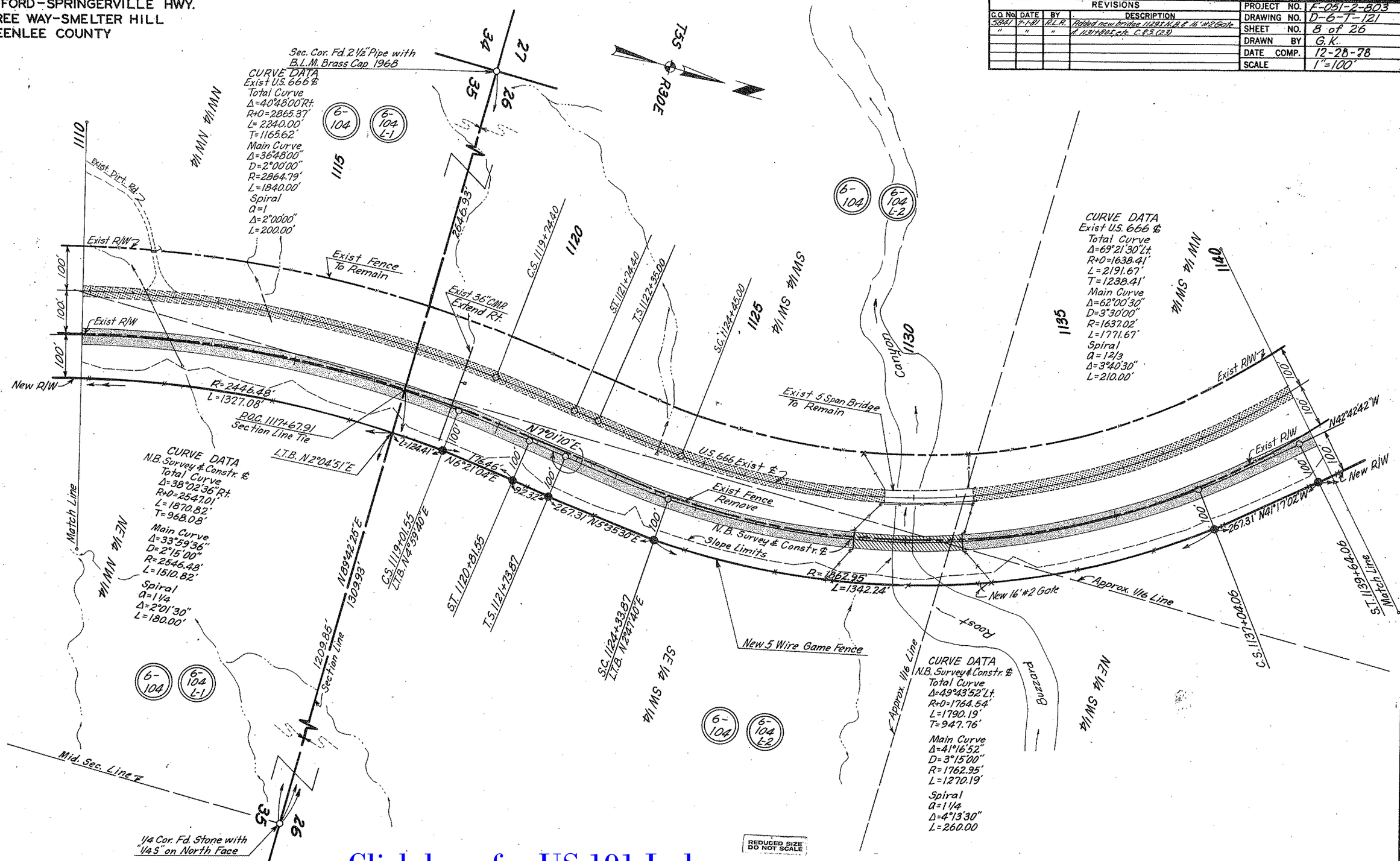
BRUNING 44-512

SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

REVISIONS					
C.O. No.	DATE	BY	DESCRIPTION	PROJECT NO.	F-051-2-803
5841	7-1-81	R.L.R.	Added new bridge 1129± N.B. & 16' #2 Gate	DRAWING NO.	D-6-T-121
"	"	"	A. 1131+80± etc. C.&S. (23)	SHEET NO.	8 of 26
				DRAWN BY	G.K.
				DATE COMP.	12-28-78
				SCALE	1"=100'



HARD COPY 7657 M16A & M17A

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DRUMING 44-512

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SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

REVISIONS				PROJECT NO.	F-051-2-803
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-6-T-121
5841	7-1-81	R.L.R.	Added stock Tank at 1141 & bridge at 1159.	SHEET NO.	9 of 26
"	"	"	N.B.& str. See C.O. C-85 (23)	DRAWN BY	G. K.
5873	8-25-81	R.L.R.	Added embkt. disposal area & new 30'	DATE COMP.	12-28-78
"	"	"	Channel & Rip-rap at 1159. Bid (23)	SCALE	1"=100'

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BRUNING 44-512

CURVE DATA
Exist U.S. 666 &
Total Curve
Δ=28°15'30"Rt
R+0=1434.07'
L=946.46'
T=480.96'
Main Curve
Δ=18°39'30"
D=4°00'00"
R=1432.39'
L=466.46'
Spiral
a=1 2/3
Δ=4°48'00"
L=240.00'

CURVE DATA
Exist U.S. 666 &
Total Curve
Δ=34°30'00"Lt.
R+0=1638.14'
L=1195.71'
T=613.64'
Main Curve
Δ=27°09'00"
D=3°30'00"
R=1637.02'
L=775.71'
Spiral
a=1 2/3
Δ=3°40'30"
L=210.00'

CURVE DATA
N.B. Survey & Constr. &
Total Curve
Δ=24°37'16"Lt.
R+0=4583.80'
L=2094.69'
T=1062.82'
Main Curve
Δ=23°03'31"
D=1°15'00"
R=4583.66'
L=1844.69'
Spiral
a=1
Δ=0°46'53"
L=125.00'

Sec. Cor. Fd. 2½" Pipe with B.L.M. Brass Cap 1968

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REDUCED SIZE DO NOT SCALE

SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

REVISIONS				PROJECT NO.	F-051-2-803
C.O. NO.	DATE	BY	DESCRIPTION	DRAWING NO.	D-6-T-121
5330	6-20-79	Rose	Added Equita. Proj. Limits at Sta. 1150+00 & 1201+00	SHEET NO.	10 of 26
5404	6-27-79	R.L.R.	Chgd. ℄ S.B. on Sec. Line 100' Lt. 1183+43.05	DRAWN BY	G.K.
"	"	"	Called out Constr. Proj. on S.B. E.N.B. C.E.S. (5)	DATE COMP.	12-28-78
5861	7-1-81	R.L.R.	Removed & extended pipes. Added & deleted gates etc. C.E.S. (23)	SCALE	1"=100'
"	"	"			

HARD COPY 2652 M/17A & M/18A CHECKED BY Jim Eckstrom

BRUNING 44-512

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CURVE DATA
S.B. Survey & Constr. ℄
Total Curve
Δ=28°29'58"Rt.
R+0=1910.73'
L=1149.98'
T=585.24'
Main Curve
Δ=22°29'58"
D=3°00'00"
R=1909.86'
L=749.98'
Spiral
a=1½
Δ=3°00'00"
L=200.00'

CURVE DATA
Exist U.S.666 ℄
Total Curve
Δ=34°00'00"Rt.
R+0=1910.57'
L=1313.33'
T=674.11'
Main Curve
Δ=28°36'00"
D=3°00'00"
R=1909.86'
L=953.33'
Spiral
a=1⅔
Δ=2°42'00"
L=180.00'

CURVE DATA
S.B. Survey & Constr. ℄
Total Curve
Δ=15°29'23"Lt.
R+0=2865.16'
L=934.49'
T=469.67'
Main Curve
Δ=12°17'23"
D=2°00'00"
R=2864.79'
L=614.49'
Spiral
a=1¼
Δ=1°36'00"
L=160.00'

CURVE DATA
N.B. Survey & Constr. ℄
Total Curve
Δ=22°01'38"Rt.
R+0=1910.73'
L=934.24'
T=471.87'
Main Curve
Δ=16°01'38"
D=3°00'00"
R=1909.86'
L=534.24'
Spiral
a=1½
Δ=3°00'00"
L=200.00'

CURVE DATA
N.B. Survey & Constr. ℄
Total Curve
Δ=10°20'00"Lt.
R+0=7639.56'
L=1527.78'
T=765.77'
Main Curve
Δ=9°12'30"
D=0°45'00"
R=7639.44'
L=1227.78'
Spiral
a=½
Δ=0°33'45"
L=150.00'

CURVE DATA
Exist U.S.666 ℄
Total Curve
Δ=21°03'00"Lt.
R+0=2292.24'
L=992.00'
T=500.87'
Main Curve
Δ=17°18'00"
D=2°30'00"
R=2291.83'
L=692.00'
Spiral
a=1⅔
Δ=1°52'30"
L=150.00'

Sec. Cor. Fd. 2½" Pipe with B.L.M. Brass Cap 1968

Sec. Cor. Not Fd.

BEG. CONSTR. PROJ. F-051-2(3)S.B.

REDUCED SIZE DO NOT SCALE

7448.092

SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

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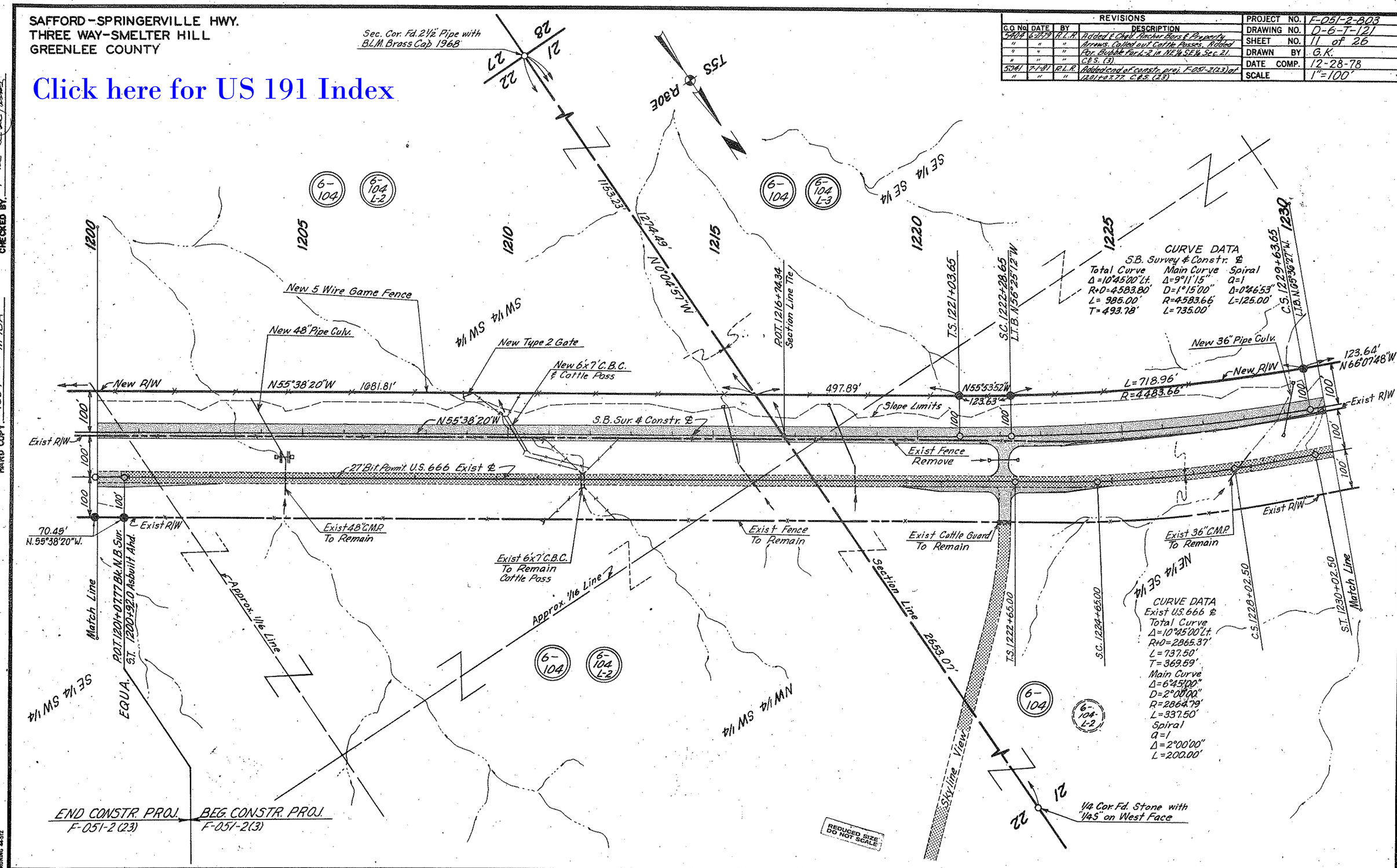
REVISIONS					
C.O. No.	DATE	BY	DESCRIPTION	PROJECT NO.	F-051-2-803
5404	6-20-79	R.L.R.	Added & Chgd. Anchor Bars & Property	DRAWING NO.	D-6-T-121
"	"	"	Arrows. Called out Cattle Passes. Added	SHEET NO.	11 of 26
"	"	"	Par. Bubble for L-2 in NE¼SE¼ Sec. 21.	DRAWN BY	G.K.
"	"	"	C&S. (3)	DATE COMP.	12-28-78
5341	7-1-81	R.L.R.	Added end of constr. proj. F-051-2(23) at	SCALE	1"=100'
"	"	"	1201+07.77. C&S. (23)		



CHECKED BY. Rene Gilstrom

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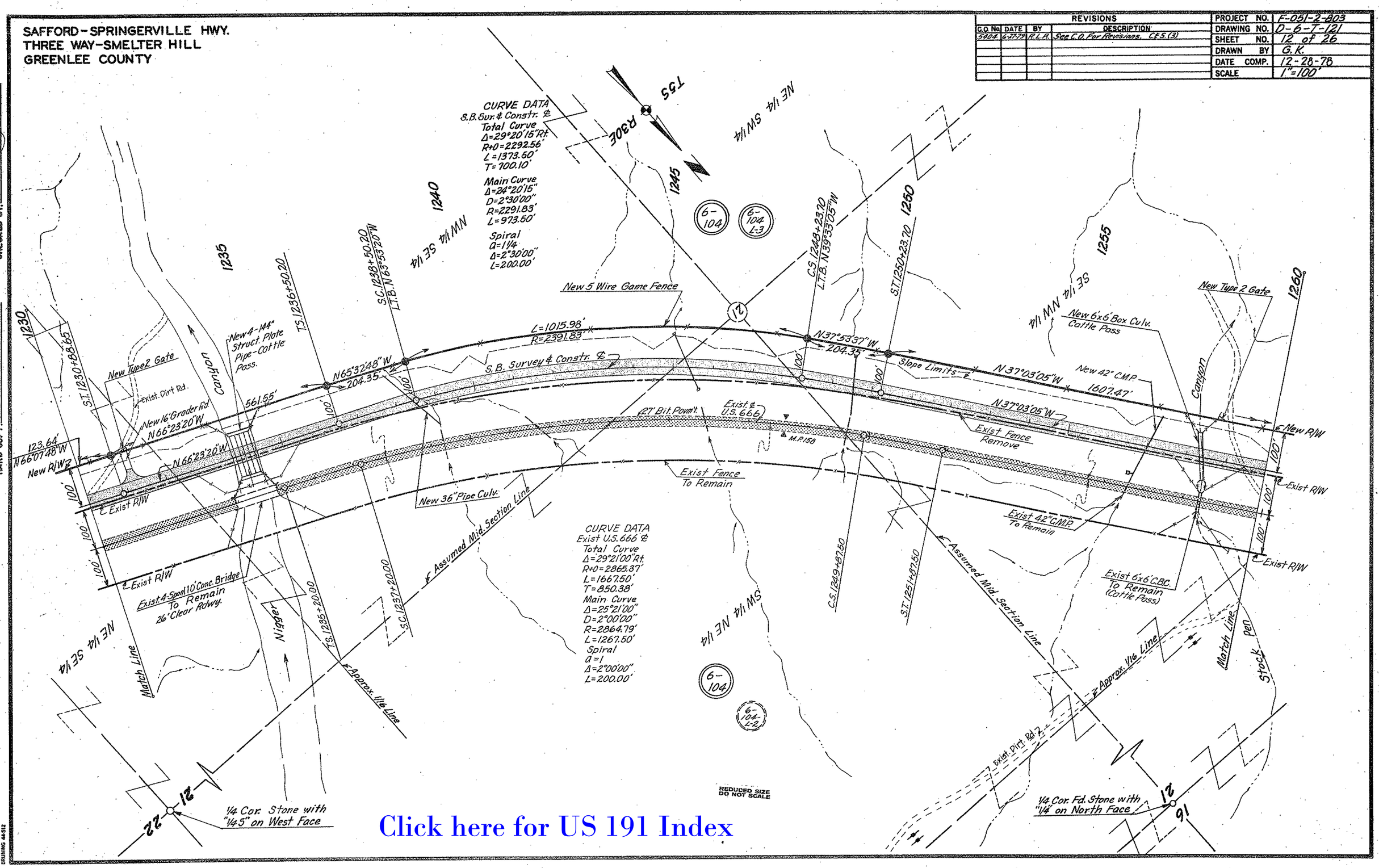
BRUNING 44-512

SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5404	6-27-79	R.L.A.	See C.O. For Revisions. C.E.S. (3)

PROJECT NO.	F-051-2-803
DRAWING NO.	D-6-T-121
SHEET NO.	12 of 26
DRAWN BY	G.K.
DATE COMP.	12-28-78
SCALE	1"=100'



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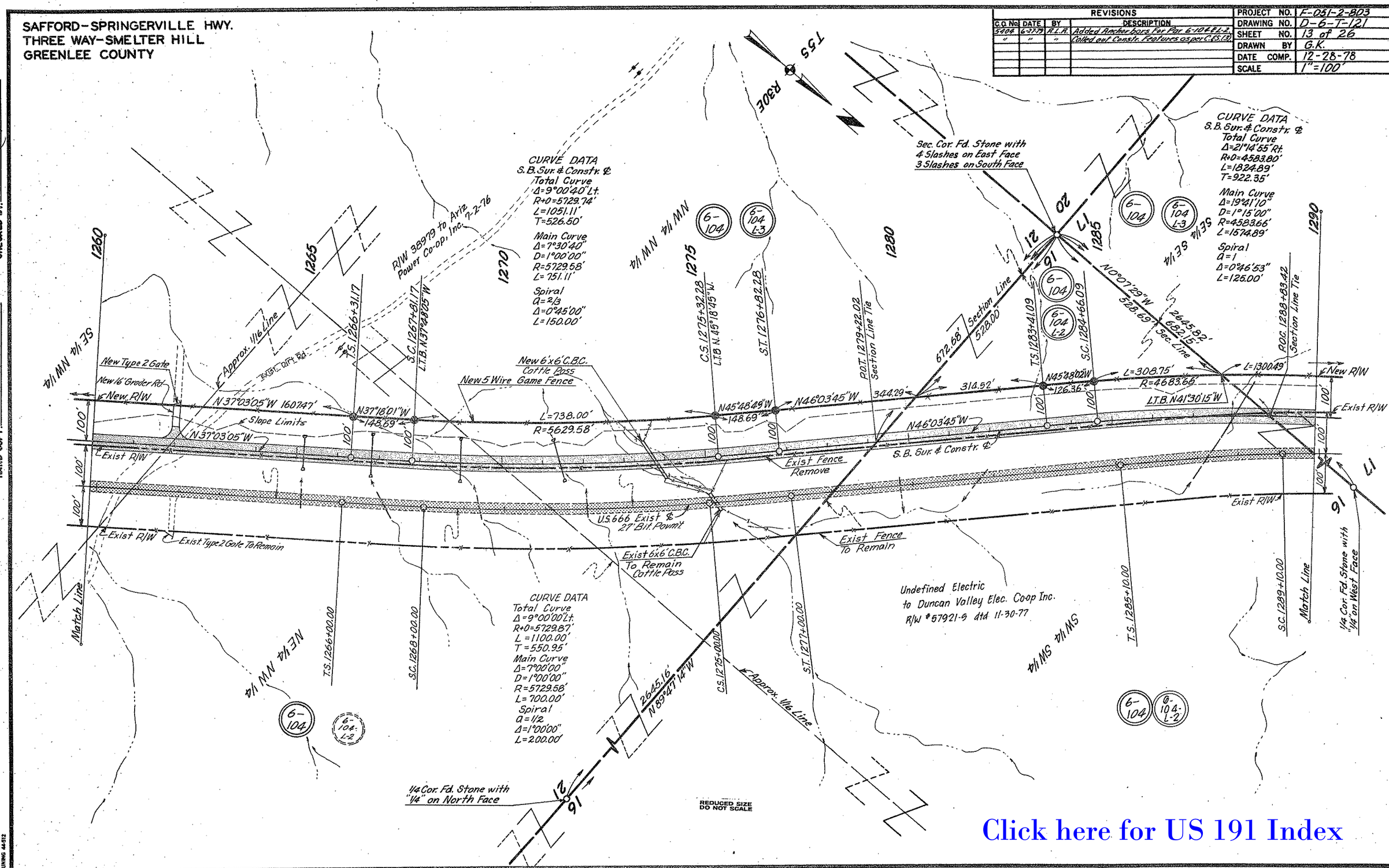
SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5404	6-27-79	R.L.R.	Added Anchor bars For Par 6-104 & L-2
"	"	"	Called out Constr. Features as per C.&S.(3)

PROJECT NO.	F-051-2-803
DRAWING NO.	D-6-T-121
SHEET NO.	13 of 26
DRAWN BY	G.K.
DATE COMP.	12-28-78
SCALE	1"=100'



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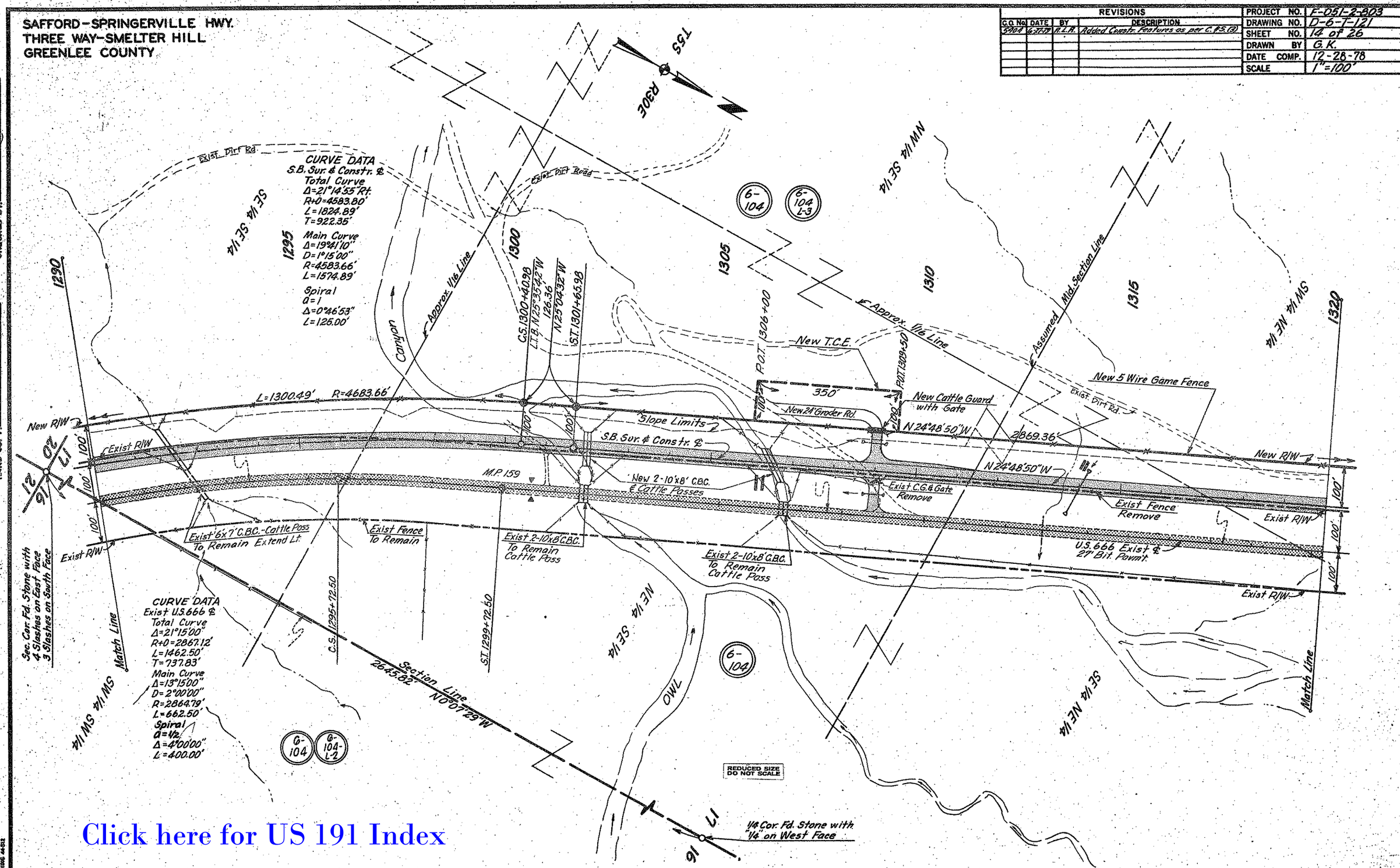
SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY
REVISIONS
C.O. No. | DATE | BY | DESCRIPTION
5404 | 6-27-79 | R.L.R. | Added Constr. Features as per C.&S.(3)
PROJECT NO. F-051-2-803
DRAWING NO. D-6-T-121
SHEET NO. 14 of 26
DRAWN BY G.K.
DATE COMP. 12-28-78
SCALE 1"=100'
T5S
R30E
CURVE DATA
S.B. Sur. & Constr. ℄
Total Curve
Δ=21°14'55" Rt.
R+0=4583.80'
L=1824.89'
T=922.35'
Main Curve
Δ=19°41'10"
D=1°15'00"
R=4583.66'
L=1574.89'
Spiral
a=1
Δ=0°46'53"
L=125.00'
Exist. Dirt Rd.
Exist. Dirt Road
SE 1/4 SE 1/4
NW 1/4 SE 1/4
SW 1/4 NE 1/4
SW 1/4 SW 1/4
NE 1/4 SE 1/4
SE 1/4 NE 1/4
Approx. 1/16 Line
Assumed Mid Section Line
Canyon
C.S. 1300+40.98
L.T.B. N25°35'42"W 126.36
N25°04'32"W
S.T. 1301+65.98
P.O.T. 1306+00
P.O.T. 1309+50
New T.C.E.
350'
New 24' Grader Rd.
New Cattle Guard with Gate
N24°48'50"W
2869.36'
New 5 Wire Game Fence
Exist. Dirt Rd.
L=1300.49'
R=4683.66'
New R/W
Exist R/W
Slope Limits
S.B. Sur. & Constr. ℄
M.P. 159
New 2-10'x8' C.B.C. & Cattle Passes
Exist C.G. & Gate Remove
Exist Fence Remove
Exist 6'x7' C.B.C.-Cattle Pass To Remain Extend Lt.
Exist Fence To Remain
Exist 2-10'x8' C.B.C. To Remain Cattle Pass
Exist 2-10'x8' C.B.C. To Remain Cattle Pass
U.S. 666 Exist ℄ 27' Bit. Pavm't.
Sec. Cor. Fd. Stone with 4 Slashes on East Face 3 Slashes on South Face
Match Line
CURVE DATA
Exist U.S. 666 ℄
Total Curve
Δ=21°15'00"
R+0=2867.12'
L=1462.50'
T=737.83'
Main Curve
Δ=13°15'00"
D=2°00'00"
R=2864.79'
L=662.50'
Spiral
a=1/2
Δ=4°00'00"
L=400.00'
C.S. 1295+72.50
S.T. 1299+72.50
Section Line
2645.82'
N0°07'29"W
OWL
REDUCED SIZE DO NOT SCALE
1/4 Cor. Fd. Stone with "1/4" on West Face
1290
1295
1300
1305
1310
1315
1320
6-104
6-104 L-3
6-104 L-2
17
16
20
21
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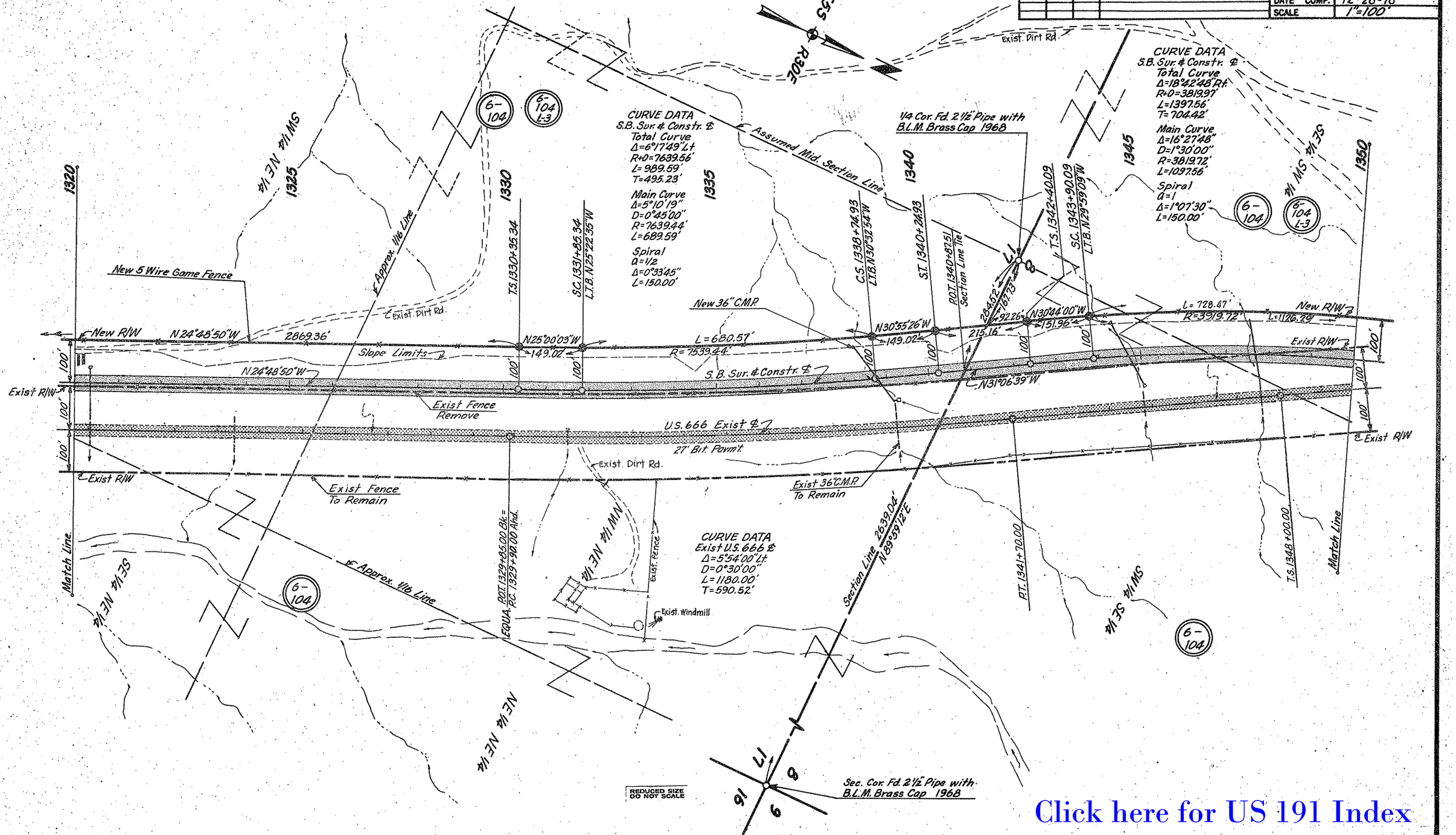
SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

REVISIONS			
C.O. No.	DATE	BY	DESCRIPTION
5404	6-27-75	R.L.R.	Added Anchor Bars Par. 6-104, Called out exist. Hwy. 27' Bit. Pave. C&S (3)
"	"	"	

PROJECT NO.	F-051-2-803
DRAWING NO.	D-6-T-121
SHEET NO.	15 of 26
DRAWN BY	G.K.
DATE COMP.	12-28-78
SCALE	1"=100'



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SAFFORD-SPRINGERVILLE HWY.
THREE WAY-SMELTER HILL
GREENLEE COUNTY

REVISIONS				PROJECT NO.	F-051-2-803
C.O. No.	DATE	BY	DESCRIPTION	DRAWING NO.	D-6-T-121
5404	6-27-79	R.L.R.	Added Anchor Bars for E-104 & Constr.	SHEET NO.	16 of 26
"	"	"	Features as per C.O. (3).	DRAWN BY	G.K.
				DATE COMP.	12-28-78
				SCALE	1"=100'

CHECKED BY Ken Detlefsen

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BRUNING 44512

CURVE DATA
S.B. Sur. & Constr. ℄
Total Curve
Δ=18°42'48" Rt.
R+D=3819.97'
L=1397.56'
T=704.42'
Main Curve
Δ=16°27'48"
D=1°30'00"
R=3819.72'
L=1097.56'
Spiral
Q=1
Δ=1°07'30"
L=150.00'

6-104
6-104 L-3

℄ Approx. 1/16 Line

P.O.T. 1357+43.18 S.B. Sur. & Constr. ℄
18.00 Lt. P.O.T. 1357+10.00 Exist Ahd.
EQUA.

T5S R30E

N/E 1/4 MS 1/4

S/E 1/4 MS 1/4

Old Safford Road Dirt

1350

New 28' Grader Rd.

P.O.C. 1351+00

S 70°39'44" W (Rad) 100.00

New T.C.E. 157.84'

N 18°12'45" W

P.O.C. 1352+57

S 12°54'44" W (Rad) 100.00

New Cattle Gd. with Gate
Exist C.G. & Gate Remove

L=243.89'

R=3819.72'

C.S. 1354+87.65

1355

151.98'
N 12°46'29" W

S.T. 1356+37.65

1356

New 5 Wire Game Fence
L=728.47'
New R/W
Exist Fence Remove
Exist R/W
S.B. Sur. & Constr. ℄

Slope Limits

℄ Exist R/W

Exist Line Fence To Remain

N 12°23'51" W

2 Miles To Clifton

BRG. EQUA. N 12°23'20" W Bk. = N 12°24'00" W Ahd.

U.S. 666 Exist ℄
27' Bit. Pavmt.
M.P. 160

℄ Exist R/W

Exist Fence To Remain

Exist Dirt Rd.

℄ Exist R/W

CURVE DATA
Exist U.S. 666 ℄
Total Curve
Δ=18°18'00" Rt.
R+D=1911.82'
L=910.00'
T=457.91'
Main Curve
Δ=9°18'00"
D=3°00'00"
R=1909.86'
L=310.00'
Spiral
Q=1
Δ=4°30'00"
L=300.00'

S.C. 1351+00.00 Exist U.S. 666

C.S. 1354+10.00 Exist U.S. 666

S.T. 1357+10.00 Exist U.S. 666

Assumed Mid. Sec. Line

Match Line

SW 1/4 SE 1/4

NW 1/4 SE 1/4

END CONSTR. PROJECT
F-051-2(3) S.B.

P.O.T. 1357+43.18

P.O.T. 1358+00

END R/W PROJECT
F-051-2-803

BEG. R/W PROJ.
S-218-503
A-G-T-102

REDUCED SIZE DO NOT SCALE

℄ Exist R/W

200'

200'

Exist R/W

To Ward Canyon 1 Mile

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