

STATE OF VERMONT
DEPARTMENT OF HIGHWAYS

PROPOSED IMPROVEMENT

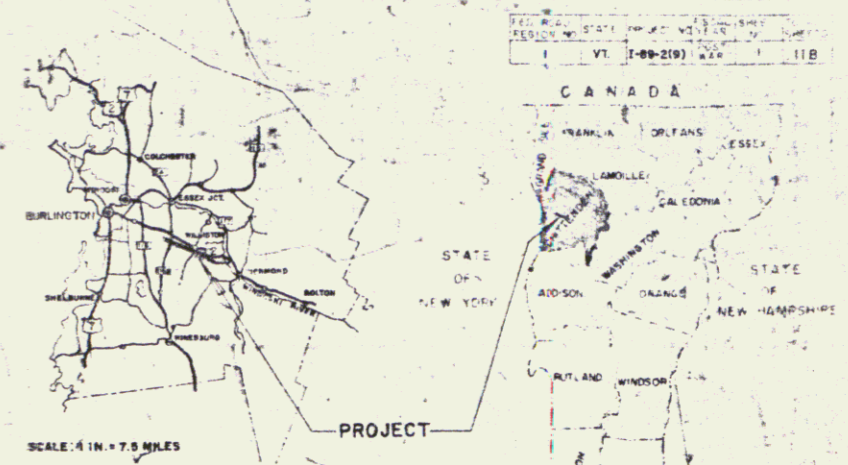
INTERSTATE PROJECT
TOWNS OF RICHMOND-WILLISTON
COUNTY OF CHITTENDEN

INTERSTATE ROUTE 89
MONTPELIER-BURLINGTON ROAD

BEGINNING AT A POINT 13,300 FEET EASTERLY OF
THE RICHMOND-WILLISTON TOWN LINE AND EXTENDING
WESTERLY 24,970 FEET

LENGTH OF ROADWAY - 1787 FEET = 0.339 MILE
LENGTH OF BRIDGES - 70989 FEET = 0.13 MILE
LENGTH OF PROJECT - 24970 FEET = 0.473 MILE

ACT (1955)	8860-3000
ACT (1971)	8870-8900
D.K.	840-890
D	82% - 94%
F	7.02% - 7.1%
V	40' MIN.



PROJECT NAME & NUMBER: **TYPE STAGE I**
RICHMOND-WILLISTON I-89-2(9) CH. GRADING & DRAINAGE
RECORD PLANS

SUBBASE OF GRAVEL - CONANT GRAVEL PIT - RICHMOND, VT.
SUBBASE OF SAND - S.T. GRISWOLD PIT - ESSEX JUNCTION, VT.
REINFORCING STEEL - SCHERER STEEL CO. - EAST HARTFORD, CONN.
STRUCTURAL STEEL - ERNST STEEL CORP. - BUFFALO, N.Y.
BRIDGE RAILING & STEEL GRATES - VERMONT STRUCTURAL STEEL CORP. - BURLINGTON, VT.
REINFORCED CONCRETE PIPE - MARTIN MARIETTA CO. - WINDSOR, VT.
A.C.C.G. METAL PIPE & C.I. COVERS FOR F.B. - NEW ENGLAND METAL PIPE CO. - WHITE RIVER JCT., VT.
CABLE GUARD RAIL, PROPERTY LINE FENCE, BOUNDARY MARKERS & CONCRETE CLASS "B" - S.T. GRISWOLD & CO. INC. - ESSEX JUNCTION, VT.

CONTRACTOR - THE LANE CONSTRUCTION CORP. - MERIDEN, CONN.
RESIDENT ENGINEER - JAMES R. JENNINGS.
RECORD PLANS - A.G. SPIDLE.
CONTRACT DATED - MARCH 27, 1961.
STARTED - APRIL 5, 1961.
COMPLETED - NOV. 1, 1962.
ACCEPTED - NOV. 1, 1962.

- 1 TITLE SHEET
- 2 ALIGNMENT DATA SHEET
- 3 TYPICAL SHEET, MAINLINE, 3" BITUMINOUS CONCRETE PAVEMENT, ITEM 361-B, MOD.
- 4 TYPICAL SHEET, TOWN ROADS NO. 8 & 16, TEMPORARY APPROACH, 3" BITUMINOUS CONCRETE PAVEMENT, ITEM 941-B, MOD.
- 5 QUANTITY SHEET
- 6 DRAINAGE SHEET
- 7-9 GRADE SHEETS AND EARTHWORK SHEETS
- 10-16 PLAN AND PROFILE SHEETS
- 17 A-61 SOLID ROCK EXCAVATION
- 18 B-1 BANKING TABLES
- 19 B-5 TYPICAL SLOPE GRADING
- 20 D-1 P.C.R.C.P. DROP INLET
- 21 D-2 UNDERDRAIN, HEADWALLS
- 22 D-3 GUTTERS
- 23 D-4 ELBOWS, FLUSHING BASINS
- 24 D-8 DROP INLETS
- 25 D-10 DROP INLET TOPS WITH BITUMINOUS CONCRETE CURB
- 26 D-11 DETAILS OF GRATES AND COVERS
- 27 D-13 CONCRETE CATCH BASINS
- 28 E-1 BARRICADES, SIGNS AND LIGHTS
- 29 E-9 CONSTRUCTION IDENTIFICATION SIGNS
- 30 F-1 PROPERTY LINE FENCE
- 31 G-2 TWO CABLE GUARD RAIL
- 32 G-2 DEAD END ANCHORAGE FOR TWO CABLE GUARD RAIL
- 33-34 DETAILS OF 11" X 7" X 7" 5' X 4' 6" O.C.G.M.F.P.A. AT 1563+92
- 35-56 BRIDGE SHEETS, INTERSTATE OVER WINDOSKI RIVER
- 57-68 BRIDGE SHEETS, INTERSTATE OVER TOWN ROAD NO. 8
- 69 SCB-30-60 SUPERSTRUCTURE DETAILS
- 70 SCB-D-80
- 71 SB-20-11 STANDARD DETAILS
- 72 SB-20-60 EXPANSION DETAILS
- 73-74 SE 50-60 RAIL DETAILS
- 75 SH-AS-15 ST. APPROACH SLAB
- 76-T7 TEMPORARY APPROACH CROSS-SECTIONS
- 78-98 MAIN LINE CROSS-SECTIONS
- 99-101 TOWN ROAD NO. 16 CROSS-SECTIONS
- 102-112 TOWN ROAD NO. 8 CROSS-SECTIONS
- 113-115 CHANNEL SECTIONS (1563+80-1569+65)
- 117-119 BRIDGE CHANNEL SECTIONS AT 1573+12

Project No. I-89-2(9)
Plan # 99017

**RIGHT-OF-WAY
& CONSTRUCTION
PLANS**



RICHMOND-WILLISTON I-89-2(9) CON. I
CONTRACTOR - MERIDEN CONSTRUCTION CORP.
RECORD PLANS - A.G. SPIDLE
CONSTR. COMPLETED - NOV. 1, 1962.

SCALES:

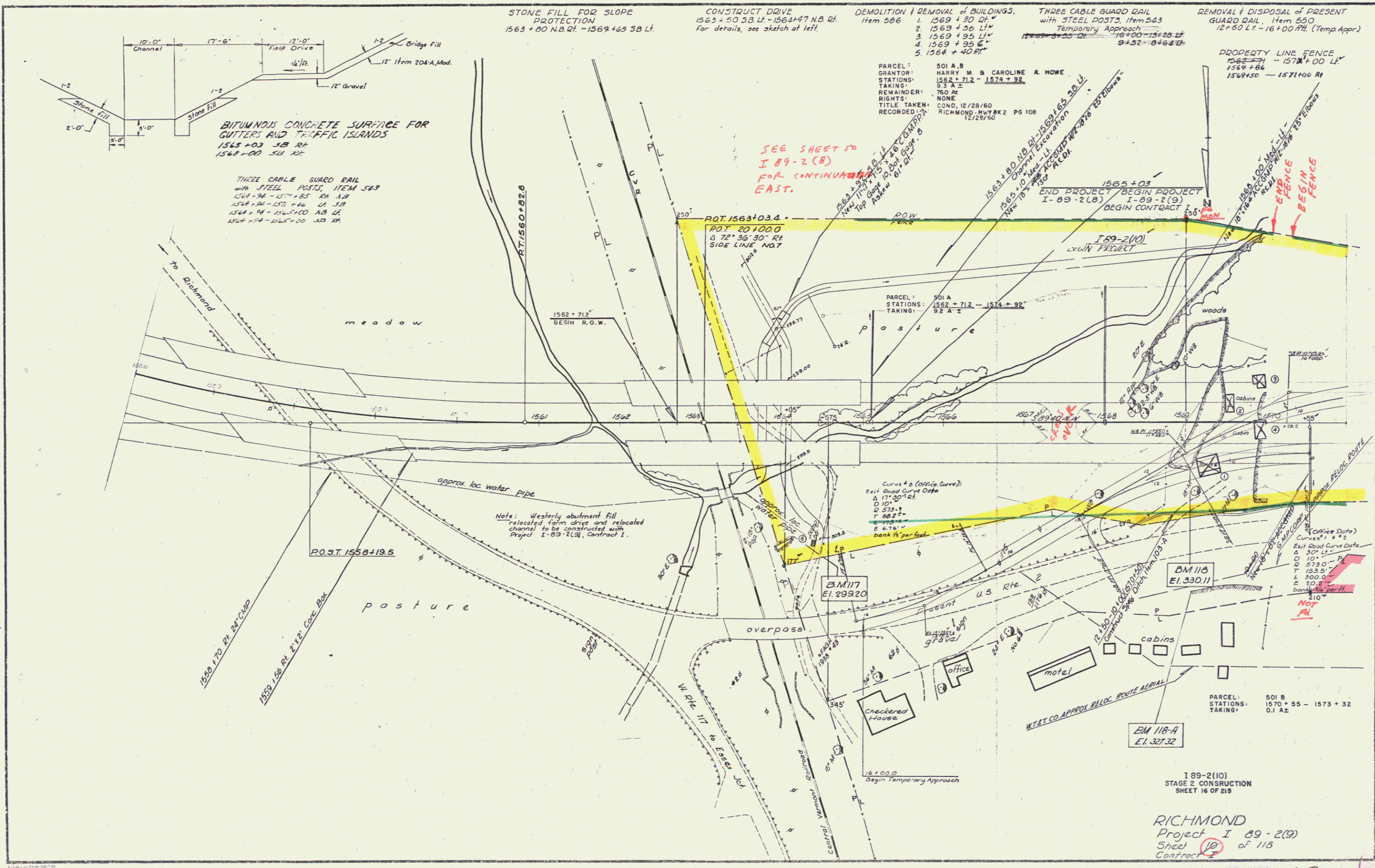
PLAN	1" = 100'
VERTICAL	1" = 5'
CROSS-SECTIONS	1" = 10'

CONTRACT NO. 1
STAGE I CONSTRUCTION

MP 78.52-84.37

Jan 21, 1960

1 OF 118 SHEETS



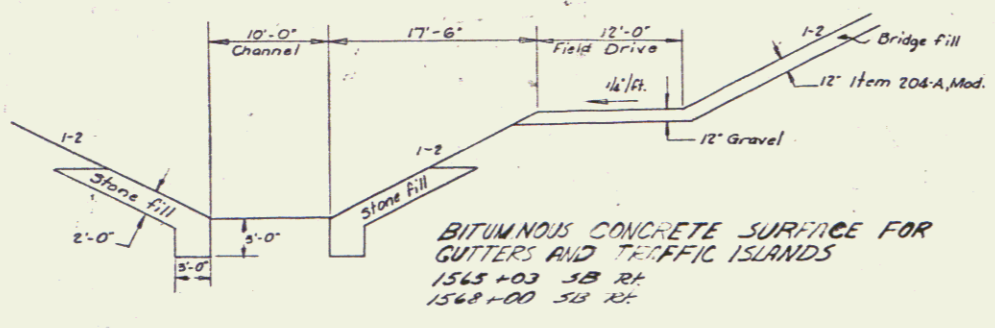
STONE FILL FOR SLOPE PROTECTION
1563 + 80 N.B. RT. - 1569 + 65 S.B. LT.

CONSTRUCT DRIVE
1563 + 20 S.B. LT. - 1563 + 47 N.B. RT.
For details, see sketch at left.

DEMOLITION / REMOVAL OF BUILDINGS, Item 506
1. 1569 + 30 LT.
2. 1568 + 26 LT.
3. 1569 + 95 LT.
4. 1569 + 95 LT.
5. 1564 + 40 RT.

THREE CABLE GUARD RAIL with STEEL POSTS, Item 543
Temporary Approach
1563 + 20 - 1563 + 28 LT.
1563 + 28 - 1563 + 38 LT.
1563 + 38 - 1563 + 47 RT.

REMOVAL / DISPOSAL OF PRESENT GUARD RAIL, Item 550
1563 + 28 - 1563 + 38 LT. (Temp Appr.)
1564 + 30 - 1571 + 00 RT.



BITUMINOUS CONCRETE SURFACE FOR GUTTERS AND TRAFFIC ISLANDS
1563 + 03 S.B. RT.
1568 + 00 S.B. RT.

THREE CABLE GUARD RAIL with STEEL POSTS, ITEM 543
1564 + 24 - 1571 + 00 S.B. RT.
1564 + 24 - 1571 + 00 S.B. RT.
1564 + 24 - 1571 + 00 S.B. RT.
1564 + 24 - 1571 + 00 S.B. RT.

PARCEL: 501 A, B
GRANTOR: HARRY M. B. CAROLINE A. HOWE
STATIONS: 1562 + 71.2 - 1574 + 92
TAKING: 9.2 A, B
REMAINDER: 76.0 AC
RIGHTS: NONE
TITLE TAKEN: COND. 12/28/60
RECORDED: RICHMOND, N.Y. #82 PG 108 12/28/60

PROPERTY LINE FENCE
1562 + 71.2 - 1571 + 00 LT.
1564 + 30 - 1571 + 00 RT.

SEE SHEET 50 I 89-2(8) FOR CONTINUATION EAST.

P.O.T. 1563+03.4
P.O.T. 20+100.0
Δ 72° 36' 30" RT
SIDE LINE NO. 7

END PROJECT BEGIN PROJECT I-89-2(8)
BEGIN CONTRACT I-89-2(9)

END FENCE BEGIN FENCE

meadow

pasture

pasture

Note: Westerly abutment fill relocated farm drive and relocated channel to be constructed with Project I-89-2(8), Contract 1.

Curve # 6 (Entrance Curve)
Exit Road Curve Data
Δ 17° 30' RT
D 101'
T 48.2'
E 6.76'
bank 1% per foot

Curve # 7 (Exit Curve)
Exit Road Curve Data
Δ 30' LT
D 101'
T 57.3'
L 153.5'
E 30.2'
bank 1% per foot

BM 117
E1.299.20

BM 118
E1.330.11

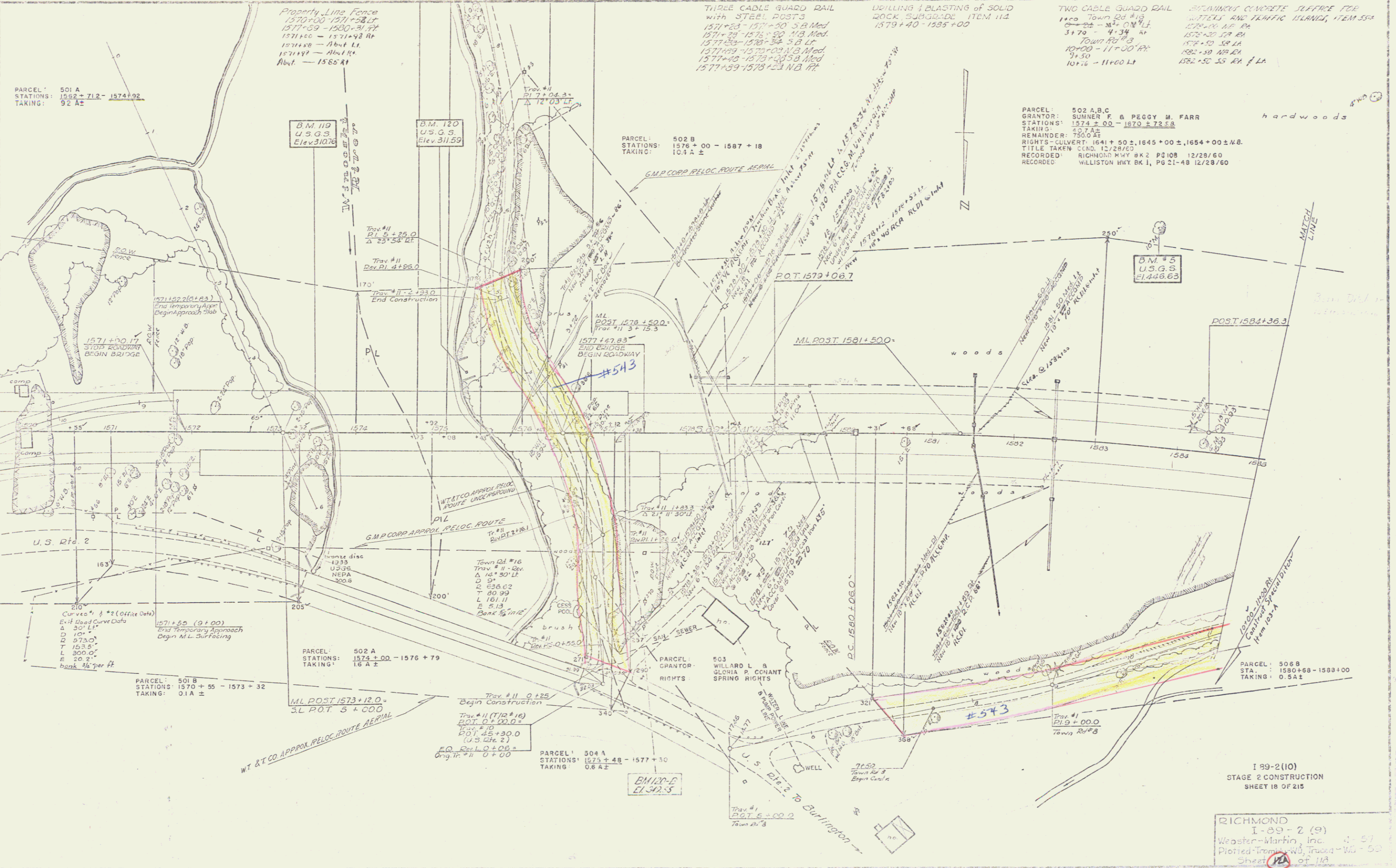
BM 118-A
E1.327.32

PARCEL: 501 B
STATIONS: 1570 + 55 - 1573 + 32
TAKING: 0.1 AC

I 89-2(10)
STAGE 2 CONSTRUCTION
SHEET 16 OF 215

RICHMOND
Project I 89-2(9)
Sheet 16 of 115
Contract

const + R.O.C.



PARCEL: 501 A
 STATIONS: 1582+71.2 - 1574+92
 TAKING: 92 A ±

Property Line Fence
 1570+00 - 1571+28.0
 1571+29 - 1580+31.74
 1571+28 - 1571+42.84
 1571+48 - Abut. Lt.
 1571+57 - Abut. Rt.
 Abut. - 1585 A ±

THREE CABLE GUARD RAIL
 WITH STEEL POSTS
 1571+28 - 1571+50 S.B. Med.
 1571+28 - 1571+50 N.B. Med.
 1571+50 - 1571+54 S.B. Lt.
 1571+54 - 1571+59 N.B. Lt.
 1571+59 - 1571+59 S.B. Med.
 1571+59 - 1571+59 N.B. Lt.

DRILLING & BLASTING OF SOLID
 ROCK SUBGRADE ITEM 112
 1579+40 - 1585+00

TWO CABLE GUARD RAIL
 1100 Town Rd #10
 31+70 - 4+34
 Town Rd #13
 10+00 - 11+00
 31+50
 10+75 - 11+00 Lt.

REINFORCED CONCRETE SLAB FOR
 UTILITY AND TRAFFIC ISLANDS, ITEM 554
 1570+00 - 1571+28.0
 1571+29 - 1580+31.74
 1571+28 - 1571+42.84
 1571+48 - 1571+57
 1582+50 - 55 R.R. f. Lt.

PARCEL: 502 A,B,C
 GRANTOR: SUMNER F. & PEGGY M. FARR
 STATIONS: 1574+00 - 1570+72.58
 TAKING: 237 A ±
 REMAINDER: 750.0 A ±
 RIGHTS - CULVERT: 1641+50 ±, 1645+00 ±, 1654+00 ± N.B.
 TITLE TAKEN: CCNO. 12/28/60
 RECORDED: RICHMOND HWY BK 2, PG 108, 12/28/60
 RECORDED: WILLISTON HWY BK 1, PG 21-48, 12/28/60

Curve No. 4 & 5 (Office Data)
 E-H Road Curve Data
 L 150' L
 D 975.0'
 T 153.6'
 L 300.0'
 E 20.2'
 bank 16' per ft

PARCEL: 501 B
 STATIONS: 1570+55 - 1573+32
 TAKING: 0.1 A ±

PARCEL: 502 A
 STATIONS: 1573+00 - 1576+79
 TAKING: 1.8 A ±

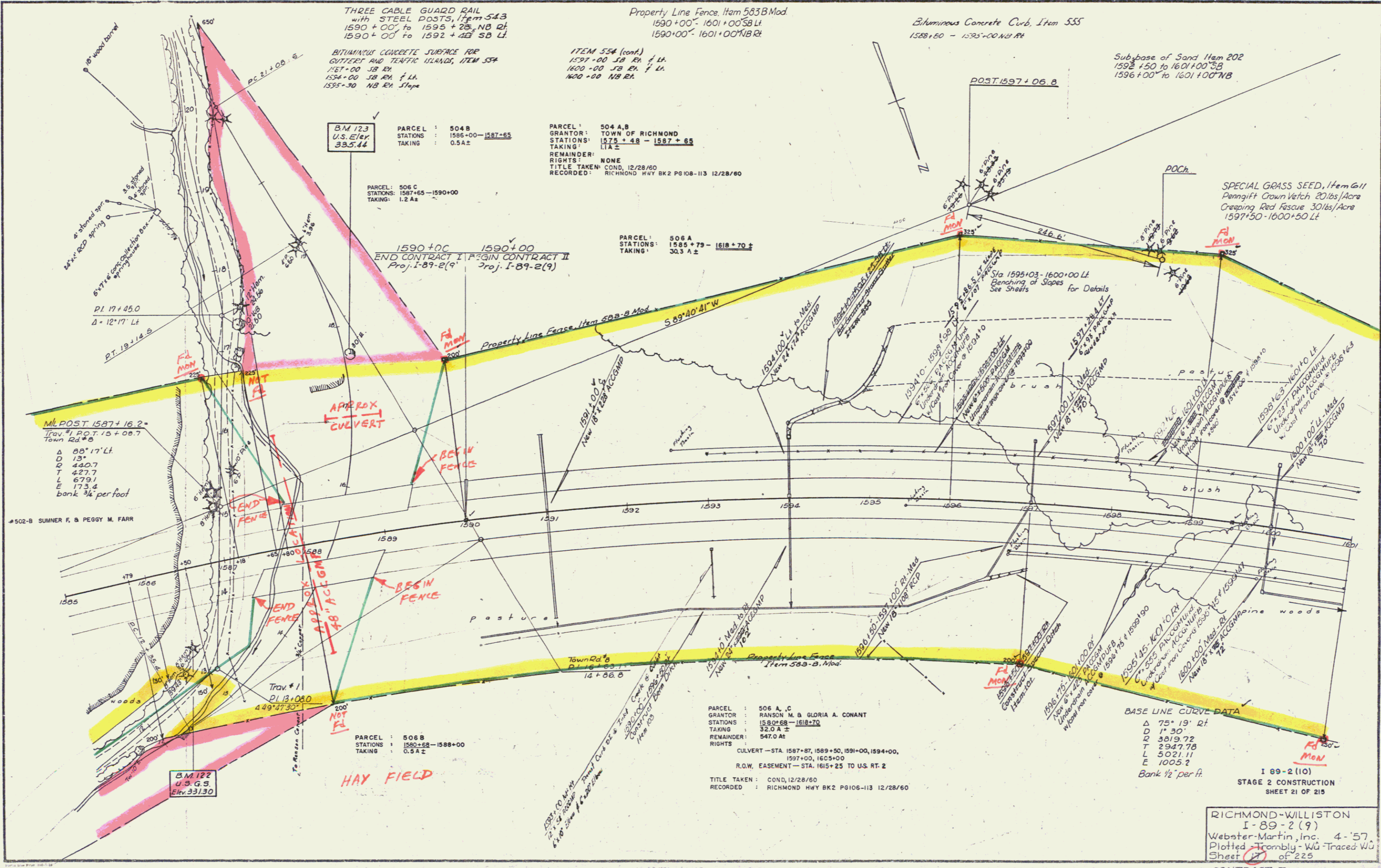
PARCEL: 504 A
 STATIONS: 1573+48 - 1577+10
 TAKING: 0.6 A ±

PARCEL: 506 B
 STA.: 1580+68 - 1588+00
 TAKING: 0.5 A ±

I 99-2(10)
 STAGE 2 CONSTRUCTION
 SHEET 18 OF 215

RICHMOND
 I-89-2(9)
 Webster-Martin, Inc. 4-57
 Plotted-Trompeter, Inc. - W-50
 Sheet 18 of 118
 CONTRACT 1

Const + Rec
 4



THREE CABLE GUARD RAIL with STEEL POSTS, Item 543
 1590+00' to 1595+25' NB RT
 1590+00' to 1592+45' SB LT

Property Line Fence, Item 583B Mod
 1590+00' - 1601+00' SB LT
 1590+00' - 1601+00' NB RT

Bituminous Concrete Curb, Item 555
 1588+50 - 1595+00 NB RT

Subbase of Sand, Item 202
 1592+50 to 1601+00 SB
 1596+00 to 1601+00 NB

B.M. 123
 U.S. Elev. 395.44

PARCEL : 504 B
 STATIONS : 1586+00 - 1587+65
 TAKING : 0.5 A ±

PARCEL : 504 A, B
 GRANTOR : TOWN OF RICHMOND
 STATIONS : 1575+48 - 1587+65
 TAKING : LTA ±
 REMAINDER : NONE
 RIGHTS : NONE
 TITLE TAKEN : COND. 12/28/60
 RECORDED : RICHMOND HWY BK2 PG108-113 12/28/60

PARCEL : 506 C
 STATIONS : 1587+65 - 1590+00
 TAKING : 1.2 A ±

PARCEL : 506 A
 STATIONS : 1585+79 - 1618+70 ±
 TAKING : 30.3 A ±

1590+00 END CONTRACT I
 1590+00 BEGIN CONTRACT II
 Proj. I-89-2(9)

MILPOST 1587+16.2
 Elev. 420.7
 Town 24+5
 Δ 88° 17' Lt
 D 13'
 T 427.7
 L 679.1
 E 173.4
 bank 3/4 per foot

502-B SUMNER F. & PEGGY M. FARR

B.M. 122
 U.S.G.S.
 Elev. 331.30

PARCEL : 506 B
 STATIONS : 1580+58 - 1588+00
 TAKING : 0.5 A ±

PARCEL : 506 A, C
 GRANTOR : RANSON M. & GLORIA A. CONANT
 STATIONS : 1580+68 - 1618+70
 TAKING : 32.0 A ±
 REMAINDER : 547.0 A ±
 RIGHTS :
 CULVERT - STA. 1587+87, 1589+50, 1591+00, 1594+00,
 1597+00, 1605+00
 R.O.W. EASEMENT - STA. 1615+25 TO U.S. RT. 2
 TITLE TAKEN : COND. 12/28/60
 RECORDED : RICHMOND HWY BK2 PG108-113 12/28/60

BASE LINE CURVE DATA
 Δ 75° 19' Rt
 D 1' 30"
 T 3019.72
 L 2947.78
 E 5021.11
 Bank 1/2' per ft.

I 89-2 (10)
 STAGE 2 CONSTRUCTION
 SHEET 21 OF 215

RICHMOND-WILLISTON
 I-89-2(9)
 Webster-Martin, Inc. 4-57
 Plotted Trombly-WG Traced WJ
 Sheet 21 of 225

CONST. R. AL
 5



THREE CABLE GUARD RAIL
with STEEL POSTS, Item 513
1590+00' to 1595+25' NB of
1590+00' to 1592+40' SB LI.

BITUMINOUS CONCRETE SURFACE FOR
GUTTERS AND TRAFFIC ISLANDS, ITEM 534
1587+00 SB RA.
1594+00 SB RA. 1/4".
1595+30 NB RA Slope.

Property Line Fence, Item 535-B Mod
1590+00' - 1601+00 SB LI
1590+00' - 1601+00 NB LI

Bituminous Concrete Curb, Item 535
1595+00 - 1600+00 SB LI

Subbase of Sand Item 202
1592+50 to 1601+00 SB
1596+00 to 1601+00 NB

PARCEL: 504 B
STATIONS: 1586+00 - 1587+65
TAKING: 0.5A ±

PARCEL: 504 A, B
GRANTOR: TOWN OF RICHMOND
STATIONS: 1575+38 - 1587+65
TAKING: 11A ±
REMAINDER:
RIGHTS: NONE
TITLE TAKEN: COND. 12/28/60
RECORDED: RICHMOND HWY BK2 PG108-113 12/28/60

PARCEL: 506 C
STATIONS: 1587+65 - 1590+00
TAKING: 1.2 A ±

PARCEL: 506 A
STATIONS: 1585+79 - 1618+70 ±
TAKING: 30.3 A ±

1590+00 END CONTRACT I
1590+00 BEGIN CONTRACT II
Proj. I-89-2(9) Proj. I-89-2(9)

M.I. POST 1587+16.2
Inv. 1.20 ft. 15+00.7
Town 22+0.8
Δ 88° 17' Li.
D 13'
Q 420.7
T 427.7
L 679.1
E 173.4
bank 1/4 per foot

502-3 SUMNER F. & PEGGY M. FARR

PARCEL: 506 B
STATIONS: 1590+58 - 1588+00
TAKING: 0.5 A ±

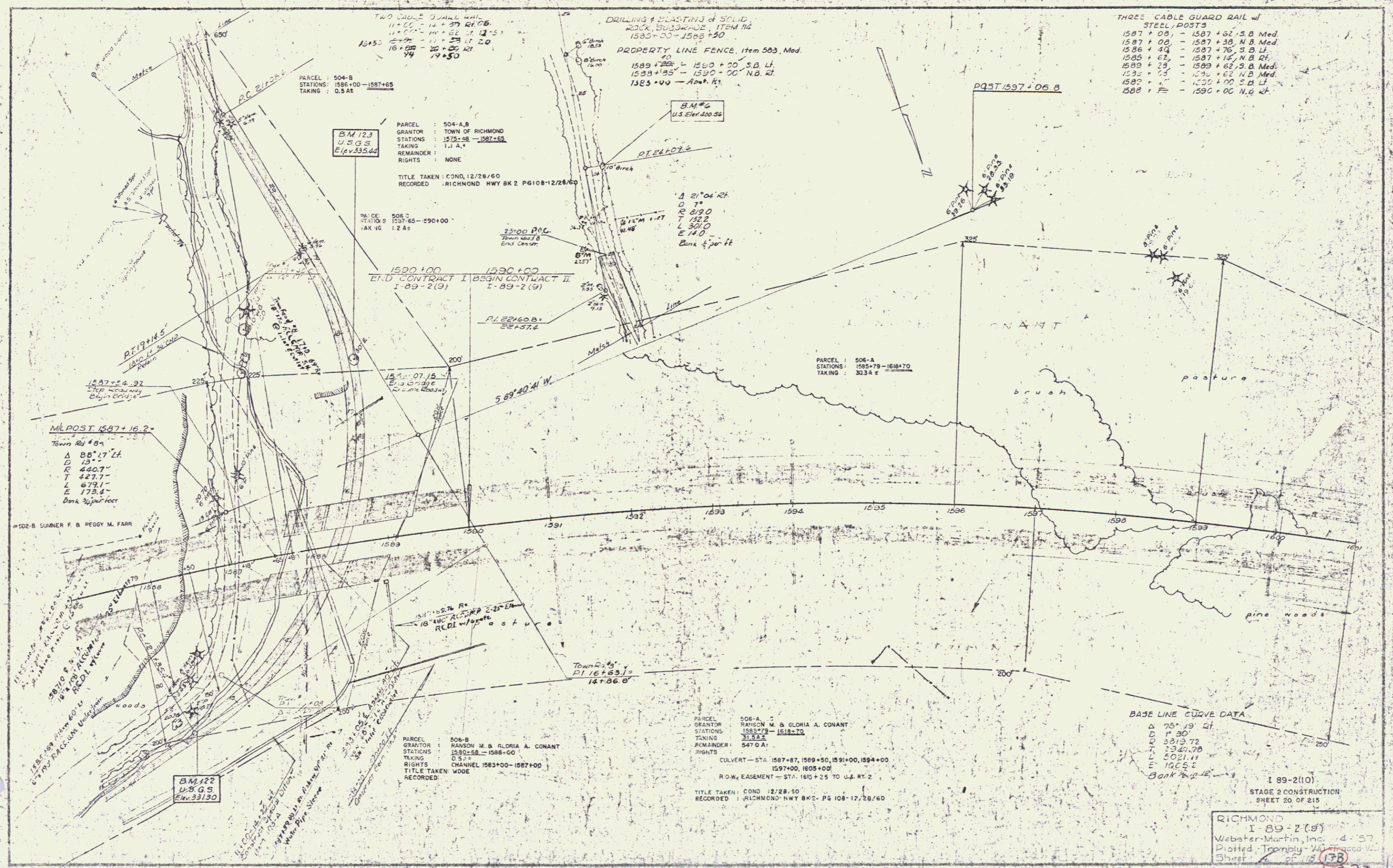
PARCEL: 506 A, C
GRANTOR: RANSON M. & GLORIA A. CONANT
STATIONS: 1580+58 - 1618+70
TAKING: 32.0 A ±
REMAINDER: 547.0 M
RIGHTS:
CULVERT - STA. 1587+87, 1599+50, 1591+00, 1594+00,
1571+00, 1509+00
R.O.W. EASEMENT - STA. 1615+25 TO U.S. RT. 2
TITLE TAKEN: COND. 12/28/60
RECORDED: RICHMOND HWY BK2 PG108-113 12/28/60

BASE LINE CURVE DATA
Δ 75° 19' R
D 11' 30"
Q 3019.72
T 2947.78
L 5021.11
E 1005.2
Bank 1/2 per ft.

I 89-2 (10)
STAGE 2 CONSTRUCTION
SHEET 21 OF 215

RICHMOND-WILLISTON
I-89-2(9)
Webster-Martin, Inc. 4-57
Plotted & Assembled by W.G. Trice W.S.
Sheet 21 of 225
CONTRACT II

Const + Row
6



TWO LANE GUARD RAIL
 11+00 - 14+37 R.F. 0.6
 11+00 - 14+37 L.F. 12.5
 15+00 - 17+53 R.F. 2.0
 16+00 - 20+50 R.F. 4.0

DRILLING & BASTING of SOLID
 ROCK SUBGRADE ITEM 112
 1583+00 - 1588+50
 PROPERTY LINE FENCE, Item 503, Mod.
 1589+20 - 1590+00 S.D. Lt.
 1589+95 - 1590+00 N.B. Rt.
 1583+00 - App. Rt.

THREE CABLE GUARD RAIL w/
 STEEL POSTS
 1587+00 - 1587+62 S.B. Med.
 1587+00 - 1587+38 N.B. Med.
 1588+00 - 1587+76 S.B. Lt.
 1585+62 - 1587+12 N.B. Rt.
 1589+20 - 1589+62 S.B. Med.
 1585+75 - 1585+62 N.B. Med.
 1585+75 - 1585+00 S.D. Lt.
 1588+75 - 1585+00 N.B. Rt.

PARCEL : 504-B
 STATIONS : 1586+00 - 1587+65
 TAKING : 0.5 AE

BM 123
 U.S.G.S.
 Elev. 335.44

PARCEL : 504-A, B
 GRANTOR : TOWN OF RICHMOND
 STATIONS : 1572+48 - 1587+65
 TAKING : I.I.A.
 REMAINDER : NONE
 RIGHTS : NONE

TITLE TAKEN : COND. 12/28/60
 RECORDED : RICHMOND HWY BK 2 P 6108-12/28/60

PARCEL : 506-B
 STATIONS : 1597+65 - 1599+00
 TAKING : 1.2 AE

BM #6
 U.S. Elev. 400.56

PARCEL : 506-A
 STATIONS : 1585+79 - 1618+70
 TAKING : 32.34 E

MILPOST 1587+16.2
 Town Rd #84
 Δ 88° 17' Lt.
 D 13'
 R 440.7'
 T 427.7'
 L 679.1'
 E 173.4'
 Bank 3/4 per foot

502-B SUMNER F. & PEGGY M. FARR

PARCEL : 506-B
 GRANTOR : RANSON M. & GLORIA A. CONANT
 STATIONS : 1580+58 - 1588+00
 TAKING : 0.52
 RIGHTS : CHANNEL 1583+00 - 1587+00
 TITLE TAKEN : WOOD
 RECORDED :

PARCEL : 506-A, 2
 GRANTOR : RANSON M. & GLORIA A. CONANT
 STATIONS : 1585+79 - 1618+70
 TAKING : 32.34 E
 REMAINDER : 547.0 A
 RIGHTS :
 CULVERT - STA. 1587+87, 1589+50, 1591+00, 1594+00
 1597+00, 1605+00
 R.O.W. EASEMENT - STA. 1615+25 TO U.S. RT. 2
 TITLE TAKEN : COND. 12/28/60
 RECORDED : RICHMOND HWY BK 2 PG 108-12/28/60

BASE LINE CURVE DATA
 Δ 75° 19' Lt.
 D 1' 30"
 R 3319.72
 T 2321.70
 L 5021.11
 E 1065.2
 Bank 1/2 per ft

I 89-2(10)
 STAGE 2 CONSTRUCTION
 SHEET 20 OF 215

RICHMOND
 I 89-2(9)
 Webster-Martin, Inc. 4-57
 Plotted Trimble 440
 Sheet 20 of 215 (17B)

const. R.O.W.

PARCEL: 507 AB
 GRANTOR: PEARL IRENE GOODRICH
 STATIONS: 1615 + 46 - 1641 + 32 N.B.
 TAKING: 21.1 A ±
 REMINDER: 1940 AF
 RIGHTS:
 CULVERT STA 1619 + 00 ±, 1622 + 00 ±, 1626 + 50 ±,
 1629 + 50 ±, 1630 + 51 ±, 1632 + 50 ±,
 1635 + 50 ±
 TITLE TAKEN: COND. 12/28/60
 RECORDED: RICHMOND HWY BK2 PG108-113 12/28/60
 WILLISTON HWY BK1 PG 21-48 12/28/60

Drilling and Blasting of
 Solid Rock Subgrade
 Item 114
 1621+00 - 1626+50

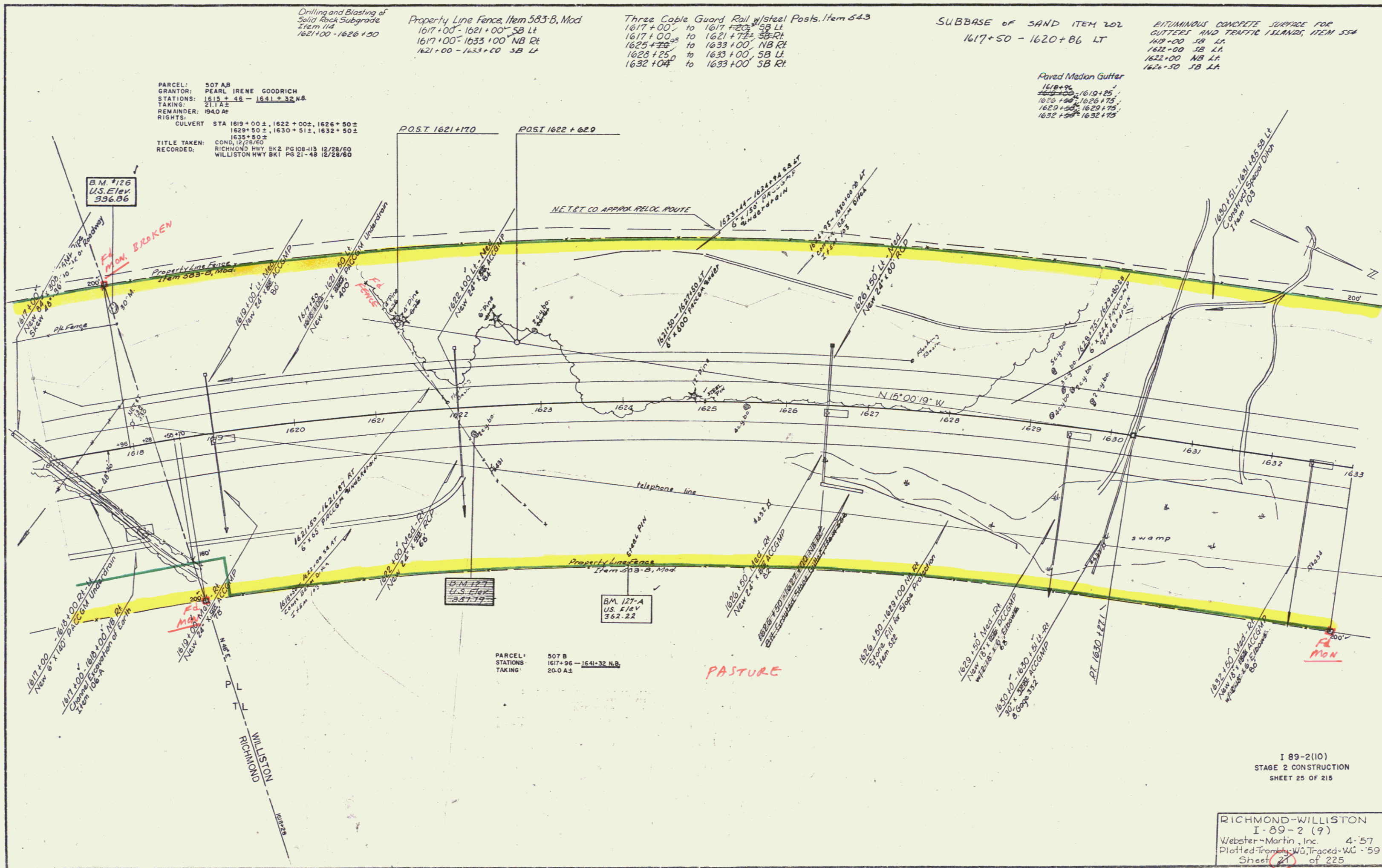
Property Line Fence, Item 583-B, Mod
 1617+00 - 1621+00 SB Lt
 1617+00 - 1633+00 NB Rt
 1621+00 - 1633+00 SB Lt

Three Cable Guard Rail w/ Steel Posts, Item 543
 1617+00 to 1617+70 SB Lt
 1617+00 to 1621+70 SB Rt
 1625+75 to 1633+00 NB Rt
 1628+25 to 1633+00 SB Lt
 1632+00 to 1633+00 SB Rt

SUBBASE OF SAND ITEM 202
 1617+50 - 1620+86 LT

BITUMINOUS CONCRETE SURFACE FOR
 GUTTERS AND TRAFFIC ISLANDS, ITEM 554
 1617+50 SB Lt
 1622+00 SB Lt
 1622+00 NB Lt
 1626+50 SB Lt

Raved Median Gutter
 1618+00
 1620+00
 1620+50
 1620+75
 1620+75
 1620+75
 1632+00



PARCEL: 507 B
 STATIONS: 1617+96 - 1641+32 N.B.
 TAKING: 20.0 A ±

I 89-2(10)
 STAGE 2 CONSTRUCTION
 SHEET 25 OF 215

RICHMOND-WILLISTON
 I-89-2 (9)
 Webster-Martin, Inc. 4-57
 Plotted from W. Traced-WG-59
 Sheet 25 of 225
 Contract II

Const + R.O.W
 9

THREE CABLE GUARD RAIL
w/ STEEL POSTS, Item 543.
1633+00 to 1635+50 SB LT
1633+00 to 1645+00 NB LT
1633+00 to 1645+00 SB LT

DRILLING & BLASTING of SOLID
ROCK SUBGRADE, ITEM 114
1644+50 - 1652+00 SB
1644+75 - 1651+00 NB

Property Line Fence, Item 583 B, Mod
1633+00 - 1646+00 NB RT
1633+00 - 1652+00 SB LT
1646+00 - 1651+00 NB RT

PAVED MEDIAN GUTTER
46 - 1635+75
1641+75 - 1641+25
1640+98 - 1641+27 NB

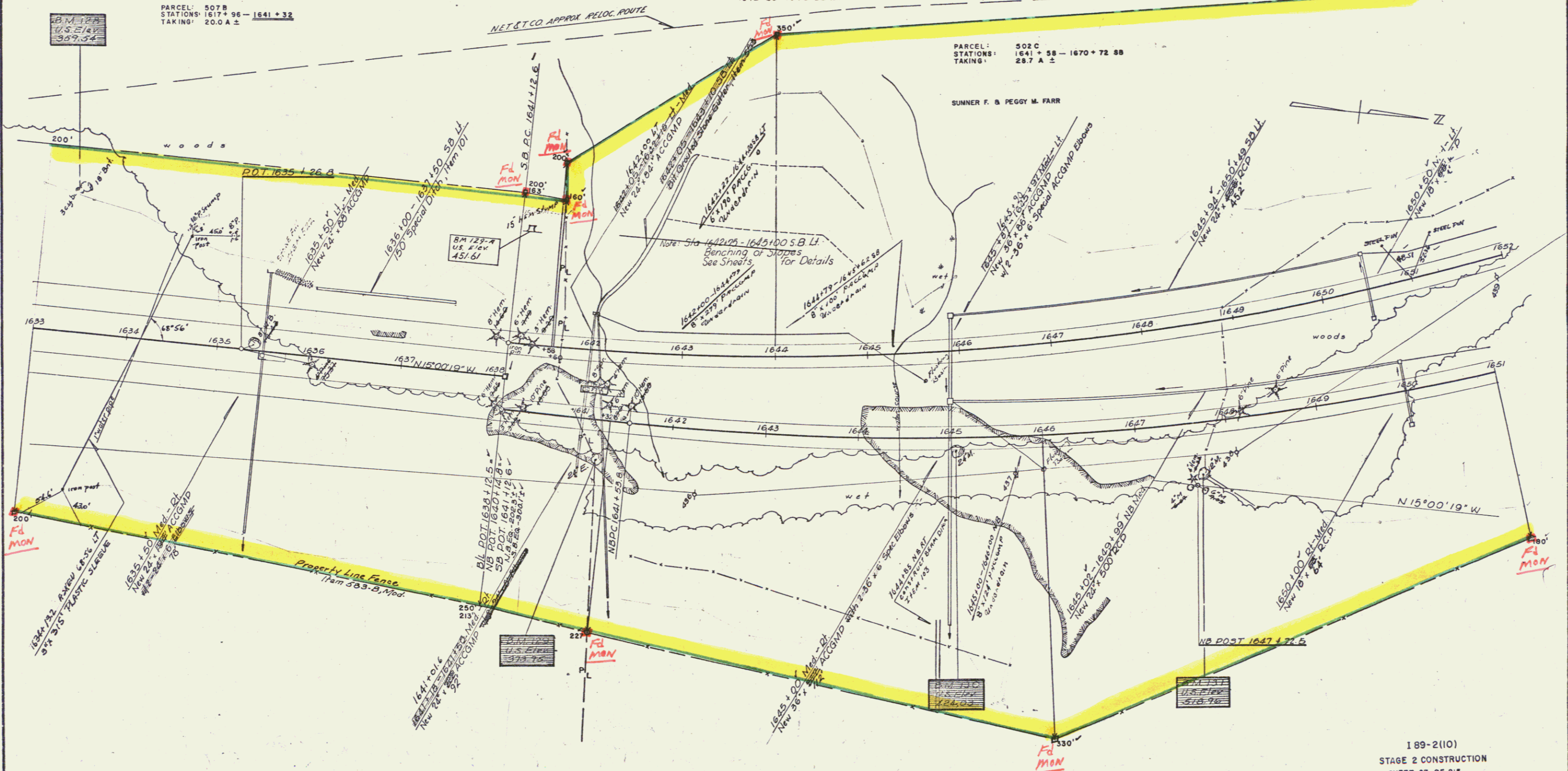
BITUMINOUS CONCRETE SURFACE FOR
GUTTERS AND TERRACE ISLANDS, ITEM 554
1442+00 SB LA 50pm
1441+00 SB LA
1445+00 NB LA

ITEM 554 (cont.)
1446+00 SB LA
1450+00 NB RA + LA
1450+50 SB RA + LA

SPECIAL GRASS SEED, Item 611
Pennigitt Crown Vetch 20lbs/Acre
Creeping Red Fescue 30lbs/Acre
1642+50 - 1645+25 LT

PARCEL: 507 B
STATIONS: 1617+96 - 1641+32
TAKING: 20.0 A ±

PARCEL: 502 C
STATIONS: 1641+58 - 1670+72 SB
TAKING: 28.7 A ±



189-2(10)
STAGE 2 CONSTRUCTION
SHEET 27 OF 215

RICHMOND-WILLISTON
I-89-2(9)
Surv - Spaulding & Martin 4-59
Plot - Trambly-Ru, Traced-WU '59
Sheet 25 of 225

CONTRACT II

const + R.O.W
10

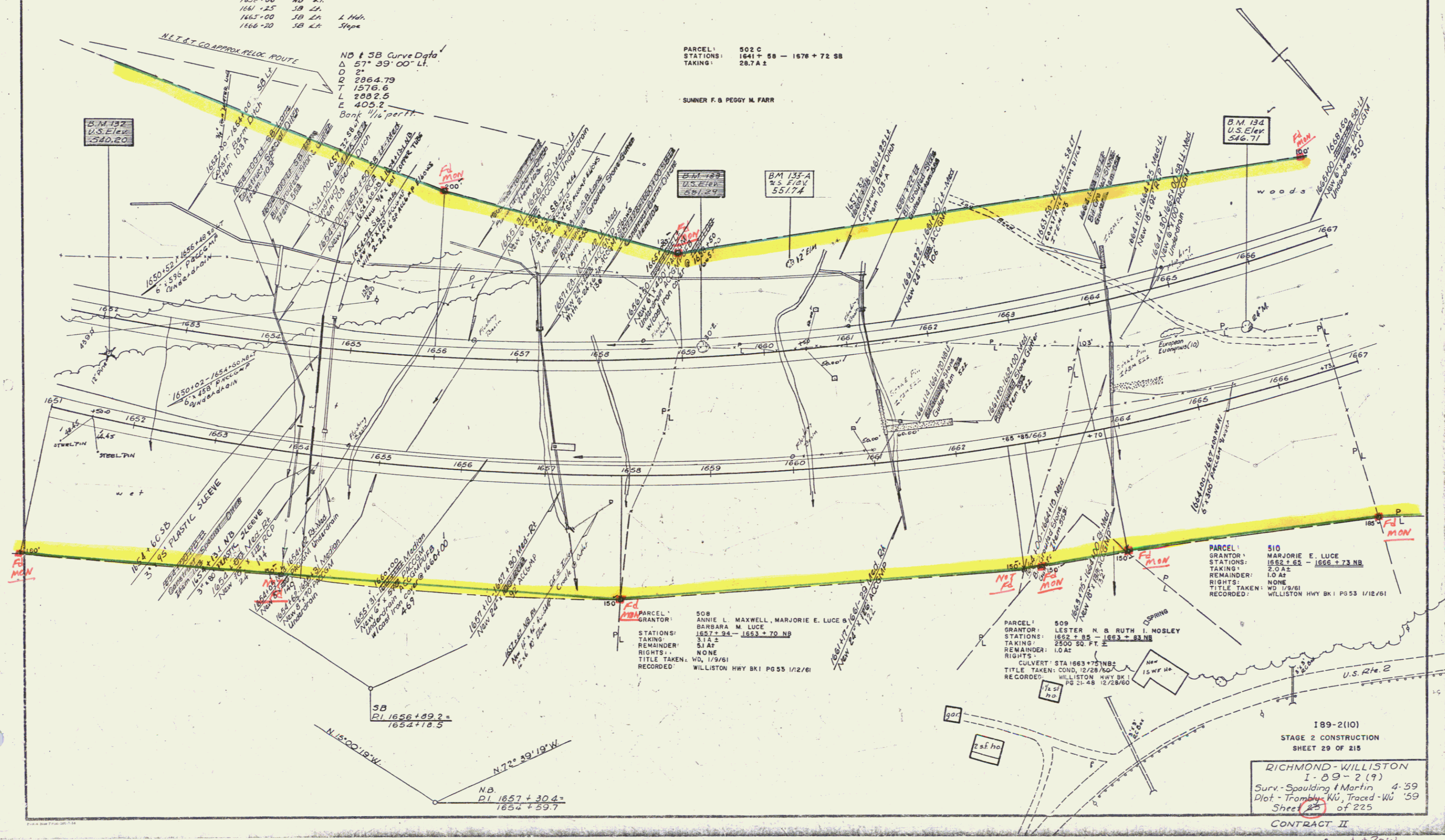
THREE CABLE GUARD RAIL with STEEL POSTS, Item 543
 1657+75 to 1667+00, SB Lt.
 1656+25 to 1657+75, NB Lt.
 1659+05 to 1667+00, NB Rt.

BITUMINOUS CONCRETE SURFACE FOR CUTTERS AND TRAFFIC ISLANDS, ITEM 554
 1654+50 NB Lt.
 1654+70 SB Lt.
 1657+25 SB Lt.
 1657+00 NB Rt.
 1661+25 SB Lt.
 1663+00 SB Lt.
 1666+20 SB Lt.

Drilling and Blasting of Solid Rock Subgrade, Item 114, Mod.
 SB 1652+00-1656+50
 NB 1651+00-1654+50

PROPERTY LINE FENCE with STEEL POSTS, ITEM 583-B
 1652+00 - 1667+00 SB Lt.
 1651+00 - 1667+00 NB Rt.

Paved Median Gutter
 1657+75-1657+35 NB



PARCEL: 502 C
 STATIONS: 1641+58 - 1678+72 SB
 TAKING: 28.7 A ±

SUNNER F. & PEGGY M. FARR

PARCEL: 510
 GRANTOR: MARJORIE E. LUCE
 STATIONS: 1662+65 - 1666+73 NB
 TAKING: 2.0 A ±
 REMAINDER: 1.0 A ±
 RIGHTS: NONE
 TITLE TAKEN: WD 1/9/61
 RECORDED: WILLISTON HWY BK 1 PG 55 1/2/61

PARCEL: 508
 GRANTOR: ANNIE L. MAXWELL, MARJORIE E. LUCE & BARBARA M. LUCE
 STATIONS: 1657+34 - 1653+70 NB
 TAKING: 3.1 A ±
 REMAINDER: 5.1 A ±
 RIGHTS: NONE
 TITLE TAKEN: WD 1/9/61
 RECORDED: WILLISTON HWY BK 1 PG 55 1/2/61

PARCEL: 509
 GRANTOR: LESTER N. & RUTH I. NOSLEY
 STATIONS: 1662+85 - 1663+83 NB
 TAKING: 2500 SQ. FT. ±
 REMAINDER: 1.0 A ±
 RIGHTS: NONE
 TITLE TAKEN: COND. 12/28/60
 RECORDED: WILLISTON HWY BK 1 PG 21-48 12/28/60

189-2(10)
 STAGE 2 CONSTRUCTION
 SHEET 29 OF 215

RICHMOND-WILLISTON
 I-89-2(7)
 Surv. - Spaulding & Martin 4-59
 Plot - Trambly, Wu, Traced - Wu '59
 Sheet 25 of 225

CONTRACT II

Cons + Row

THREE CABLE GUARD RAIL
STEEL POSTS, Item 543.
1667+00' to 1670+25' NB of
1667+00' to 1668+67' SB of

Construct Drive
1672+35' SB Lt
50'

Property Line Fence, Item 583-B, Mod
1671+90' to 1676+22' NB of
1678+30' - 1682+60' NB of
1675+63' - 1683+00' SB Lt
167+00 - 1675+76 SB Lt
167+00 - 1677+90 NB Lt

Chain Link Fence, Item 584-A
1676+22' - 1678+30' NB of
1682+66' - 1683+00' NB of

Demolition and Removal of Buildings
Item 586 B
1677+90' NB Lt

Sleeves For Water Pipe, Item 491
Sta 1681+32' - Length 460'
3/4" Seamless Copper Water Tube, Item 578
Sta 1681+32' - Length 460'
NOTE: Position and Location to be
Determined by the Engineer.

GATES FOR PROPERTY LINE FENCE,
1724 583-C
1672+35' SB Lt

PARCEL: 512
GRANTOR: KENNETH M. & MARGARET M. BESSETTE
STATIONS: 1667+90 - 1676+22 NB
TAKING: 5.9 A2
REMAINDER: 195.0 A2
RIGHTS:
CULVERT STA 1668+00 ±, 1672+43 ±, 1676+00 ± NB
WATER PIPE LINE STA. 1675+08 NB
TITLE TAKEN: COND 12/28/60
RECORDED: WILLISTON HWY BK-1 PG 21-48 12/28/60

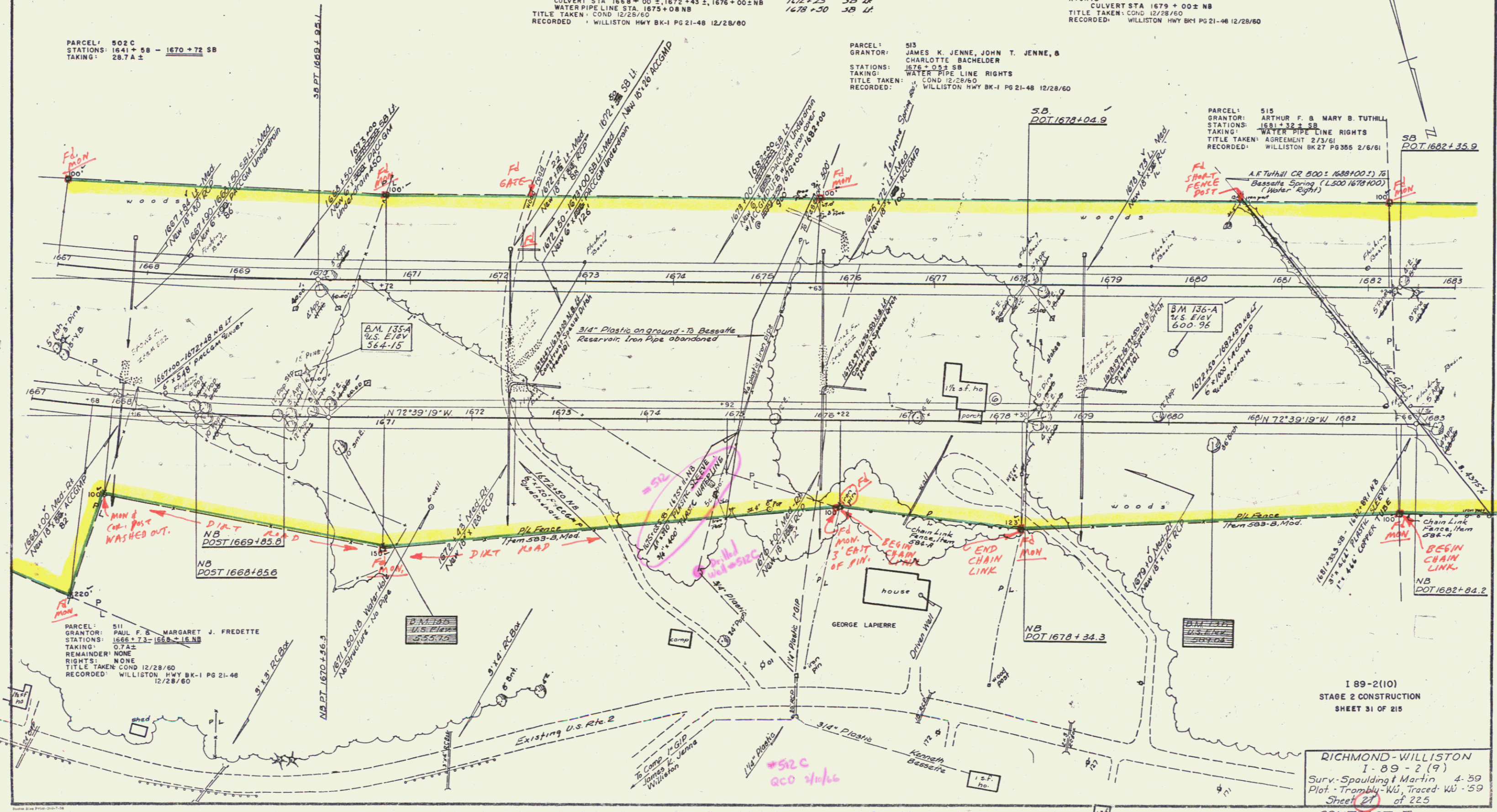
BITUMINOUS CONCRETE SURFACE FOR
GUTTERS AND TRAFFIC ISLANDS, ITEM 554
1667+80' SB Lt
1672+25' SB Lt
1672+25' SB Lt
1678+50' SB Lt

PARCEL: 514
GRANTOR: HENRY I. & JANE R. WEBER
STATIONS: 1674+92 - 1682+66 NB
TAKING: 6.2 A2
REMAINDER: 63.82
RIGHTS:
CULVERT STA 1679+00 ± NB
TITLE TAKEN: COND 12/28/60
RECORDED: WILLISTON HWY BK-1 PG 21-48 12/28/60

PARCEL: 502 C
STATIONS: 1641+58 - 1670+72 SB
TAKING: 28.7 A2

PARCEL: 513
GRANTOR: JAMES K. JENNE, JOHN T. JENNE, &
CHARLOTTE BACHELDER
STATIONS: 1675+08 ± SB
TAKING: WATER PIPE LINE RIGHTS
TITLE TAKEN: COND 12/28/60
RECORDED: WILLISTON HWY BK-1 PG 21-48 12/28/60

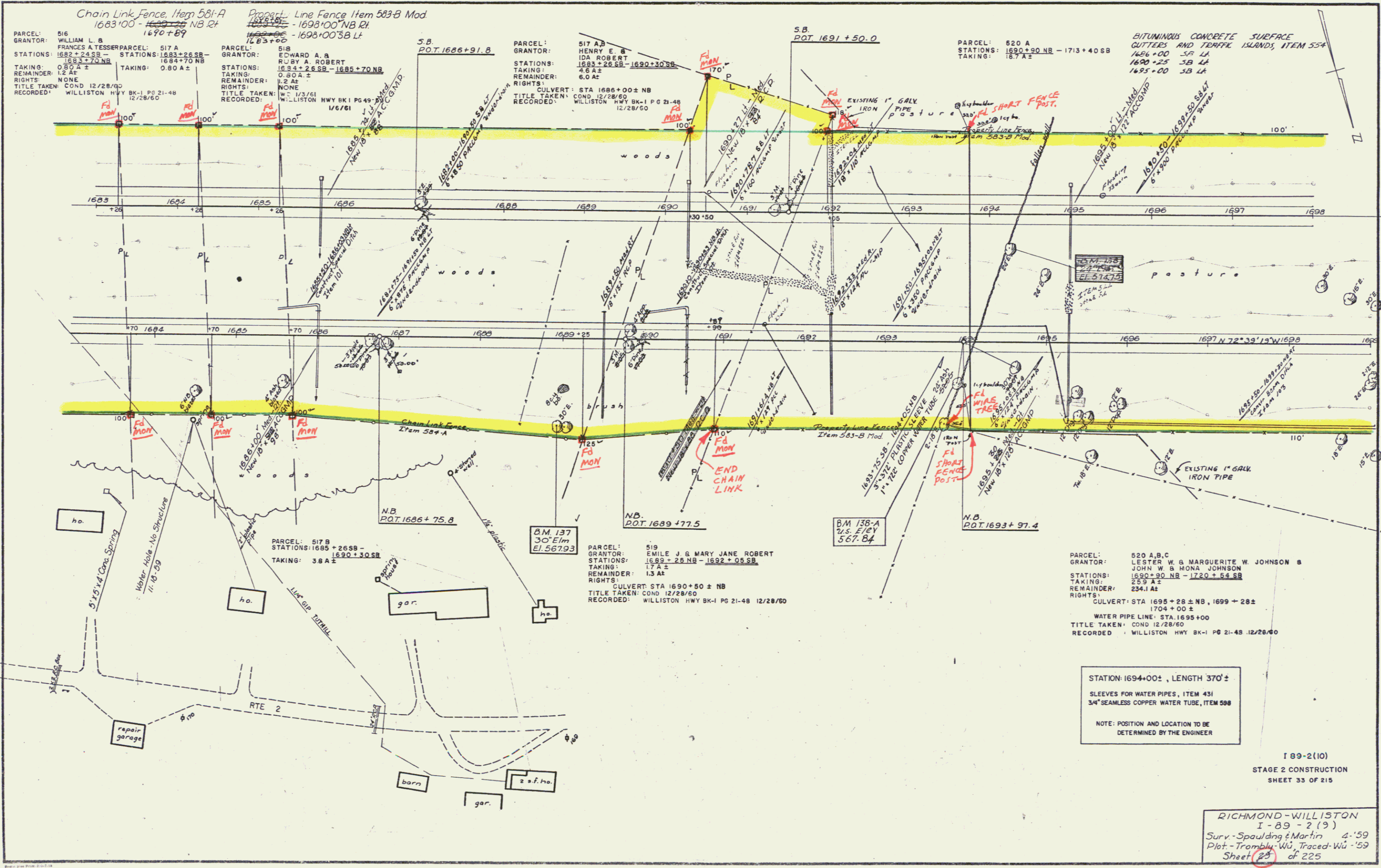
PARCEL: 515
GRANTOR: ARTHUR F. & MARY B. TUTHILL
STATIONS: 1681+32 ± SB
TAKING: WATER PIPE LINE RIGHTS
TITLE TAKEN: AGREEMENT 2/3/61
RECORDED: WILLISTON BK 27 PG 355 2/6/61



I 89-2(10)
STAGE 2 CONSTRUCTION
SHEET 31 OF 215

RICHMOND-WILLISTON
I-89-2(9)
Surv. Spaulding & Martin 4-59
Plot - Trombly-WJ, Traced - WJ-59
Sheet 27 of 225
CONTRACT II

Const & R.O. Co
12



Chain Link Fence Item 581-A
 1683+00 - 1690+89 NB R/L
 1690+89

Line Fence Item 583-B Mod
 1690+89 - 1698+00 NB R/L
 1698+00

BITUMINOUS CONCRETE SURFACE
 CUTTERS AND TERRACE ISLANDS, ITEM 554
 1686+00 SA L/L
 1690+25 SB L/L
 1695+00 SB L/L

STATION 1694+00±, LENGTH 370'±
 SLEEVES FOR WATER PIPES, ITEM 431
 3/4" SEAMLESS COPPER WATER TUBE, ITEM 588
 NOTE: POSITION AND LOCATION TO BE DETERMINED BY THE ENGINEER

I 89-2(10)
 STAGE 2 CONSTRUCTION
 SHEET 33 OF 215

RICHMOND-WILLISTON
 I-89-2(10)
 Surv. Spaulding & Martin 4-'59
 Plat. Trombly, Wu, Traced Wu-'59
 Sheet 23 of 225

CONTRACT II

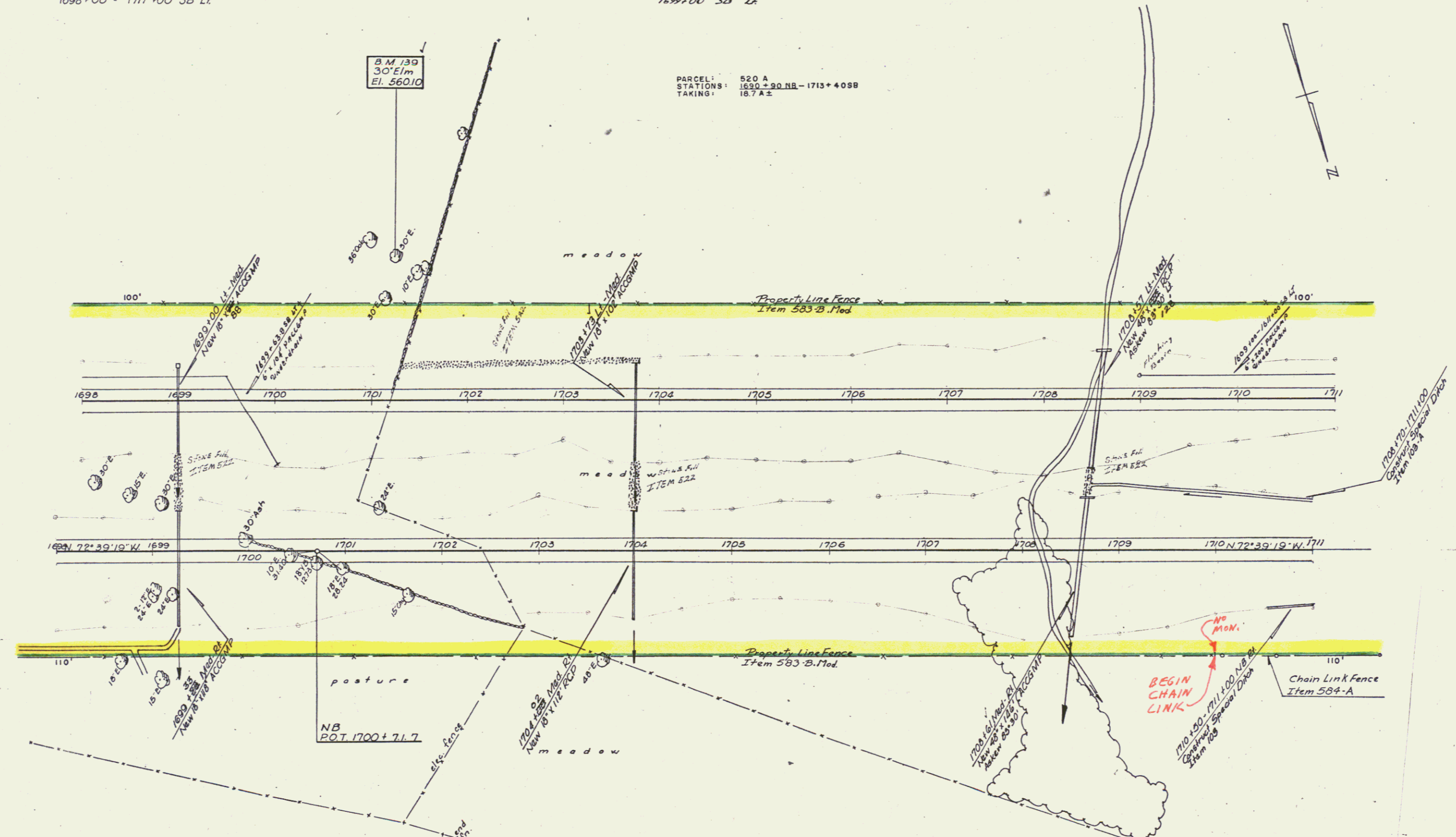
const + Kaw
 13

Property Line Fence, Item 583-B, Mod.
1693+00'- 1710+00' NB Rt
1698+00'- 1711+00' SB Lt

Chain Link Fence, Item 581A
1710+00'- 1711+00' NB Rt

BITUMINOUS CONCRETE SURFACE FOR
GUTTERS AND TRAFFIC ISLANDS, ITEM 554
1698+00' SB Lt

PARCEL: 520 A
STATIONS: 1690+90 NB - 1713+40 SB
TAKING: 18.7 A±



1 89-2(10)
STAGE 2 CONSTRUCTION
SHEET 35 OF 215

RICHMOND-WILLISTON
I-89-2(9)
Surv - Spaulding & Martin 4-'59
Plot - Trambly-Wu, Traced - WJ - '59
Sheet 31 of 225

CONTRACT II

const, ROW
14

THREE CABLE GUARD RAIL with STEEL POSTS, Item 543
 1722+22 to 1727+00 SB Lt.
 1722+22 to 1727+00 SB Lt.
 1723+34 to 1727+00 NB Lt.
 1723+34 to 1727+00 NB Lt.

TWO CABLE GUARD RAIL, Item 542
 Frontage Road 11+52 to 11+52
 11+52 to 13+96 Lt.
 11+52 to 14+16 Lt.
 11+52

Property Line Fence, Item 543 B, Mod
 1711+00' - 1727+00' SB Lt.
 1712+37' - 1727+00' NB Lt.

Chain Link Fence, Item 541-A
 1711+00' - 1712+37' NB Lt.

Plank Guard Rail Preservative Treatment, Item 541-A
 1712+75 NB Lt.
 1713+80 SB Lt.

CONSTRUCT U-TURN
 1713+38 NB - 1713+10 SB
 1713+38 1713+10

Fr. Rd. P.I. 23+76.4
 20+90.2
 Δ 100°56' Rt.
 D 150'

PARCEL: 520 A
 STATIONS: 1690+90 NB - 1713+40 SB
 TAKING: 18.7 A±
 1716.5 SB - 1712+90 NB
 10' (TEL. Co.)

* Trees not located in notes
 Position estimated from
 Topo notes

GMP CORR REPLACE 10' TALLER POLE

SB POT 1713+500

END CHAIN LINK

CHAIN LINK FENCE Item 541-A

FRONTAGE ROAD

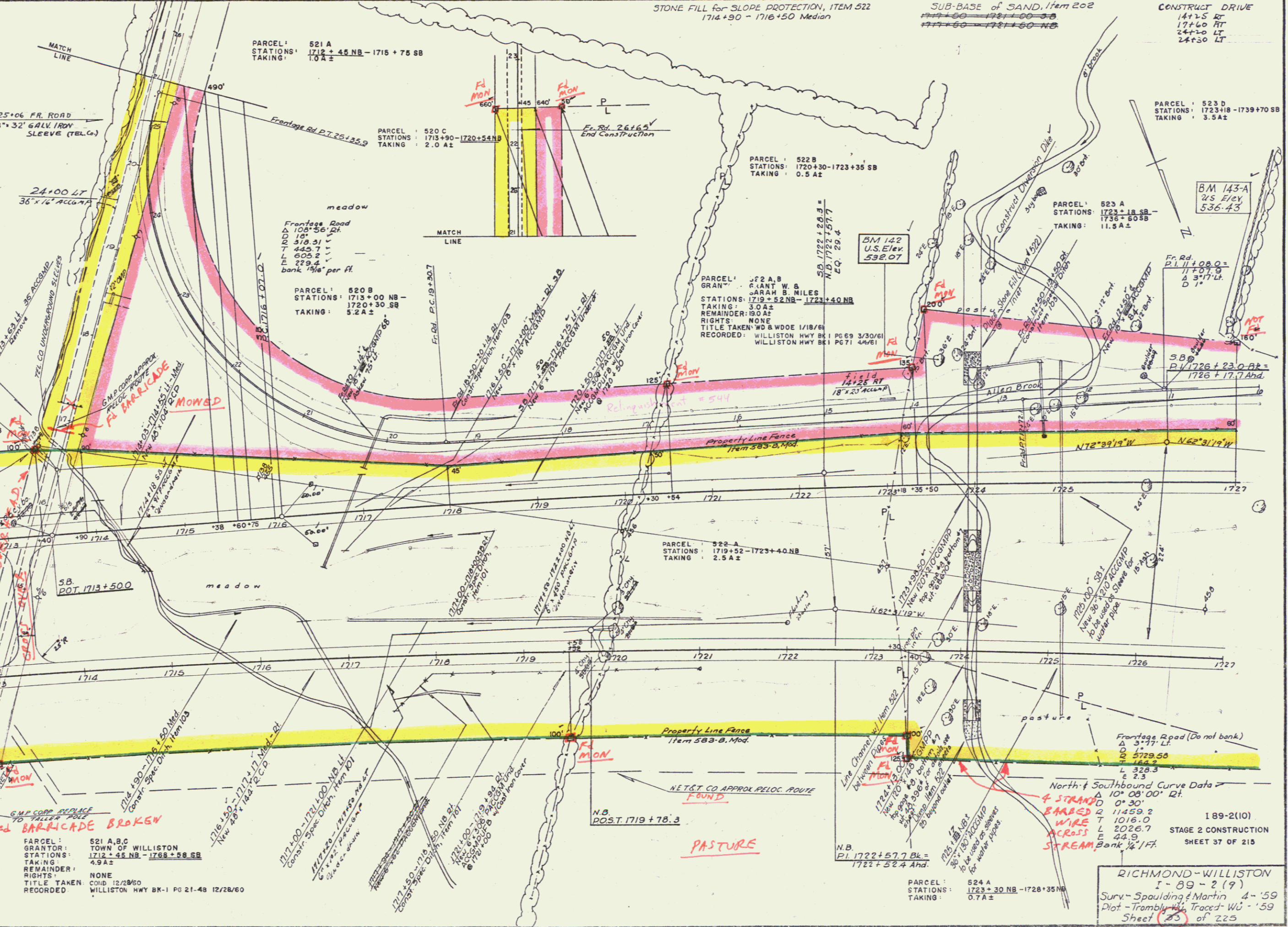
FRONTAGE ROAD

FRONTAGE ROAD

FRONTAGE ROAD

FRONTAGE ROAD

FRONTAGE ROAD



PARCEL: 521 A,B,C
 GRANTEE: TOWN OF WILLISTON
 STATIONS: 1712+45 NB - 1768+56 SB
 TAKING: 4.9 A±
 REMAINDER: NONE
 RIGHTS: COND 12/28/60
 TITLE TAKEN: WILLISTON HWY BK-1 PG 21-48 12/28/60
 RECORDED:

FRONTAGE ROAD
 Δ 100°56' Rt.
 D 150'

FRONTAGE ROAD
 Δ 100°56' Rt.
 D 150'

FRONTAGE ROAD
 Δ 100°56' Rt.
 D 150'

FRONTAGE ROAD
 Δ 100°56' Rt.
 D 150'

FRONTAGE ROAD
 Δ 100°56' Rt.
 D 150'

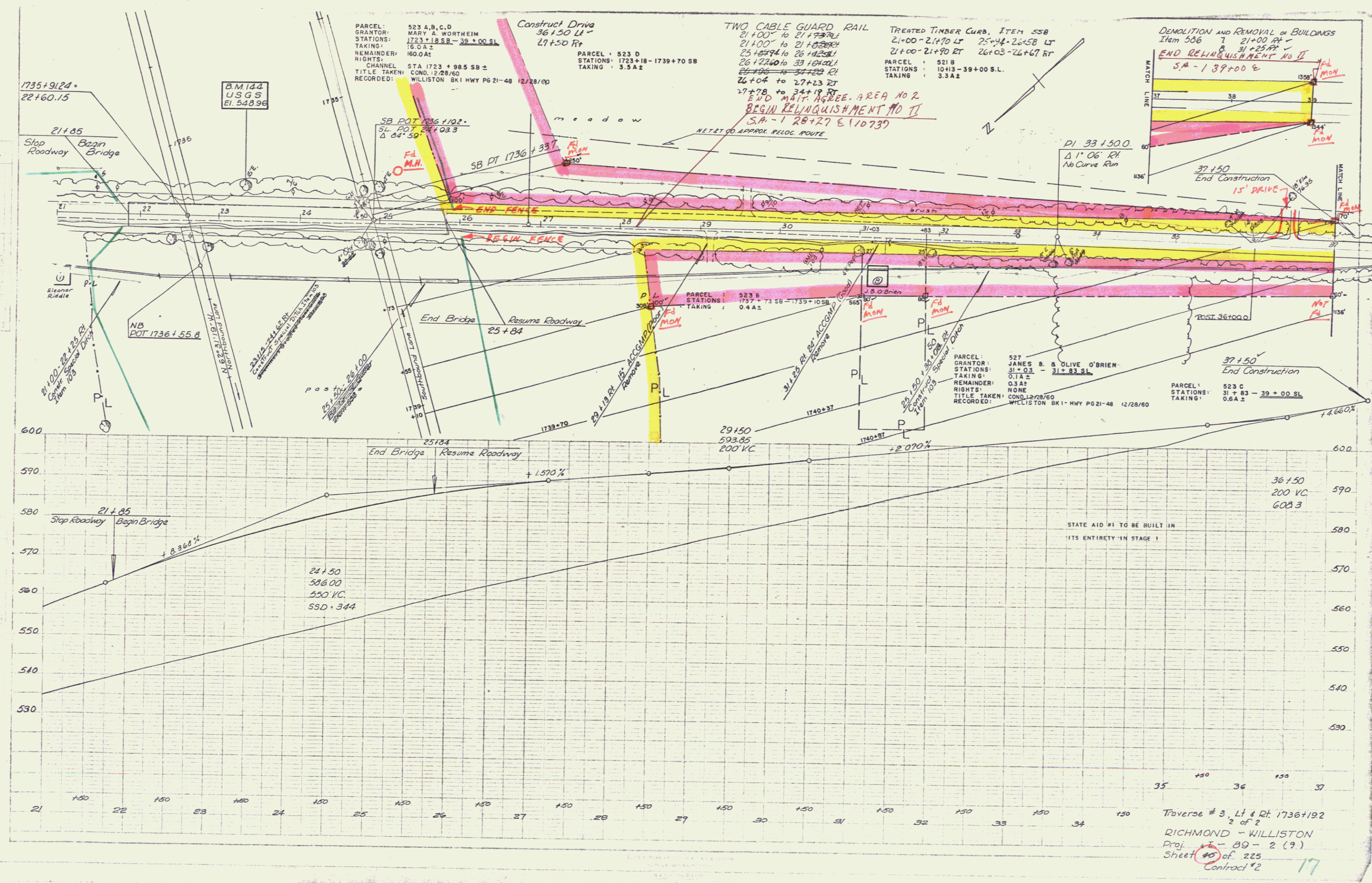
FRONTAGE ROAD
 Δ 100°56' Rt.
 D 150'

North & Southbound Curve Data
 Δ 10° 08' 00" Rt.
 R 189-2(10)
 STAGE 2 CONSTRUCTION
 SHEET 37 OF 215

RICHMOND-WILLISTON
 I-89-2(9)
 Surv - Spaulding & Martin 4-'59
 Plot - Trambly & Traces - WJ - '59
 Sheet 23 of 225

CONTRACT II

cons by R 15



PARCEL: 523 A,B,C,D
 GRANTOR: MARY A. WORTHEIM
 STATIONS: 1723+18.5B - 39+00 S.L.
 TAKING: 15.0 A 2
 REMAINDER: 160.0 A 2
 RIGHTS: STA 1723+98.5 SB ±
 CHANNEL COND. 12/28/60
 TITLE TAKEN: WILLISTON BK 1 HWY PG 21-48 12/28/60
 RECORDED:

PARCEL: 523 D
 STATIONS: 1723+18 - 1739+70 SB
 TAKING: 3.5 A 2

Construct Drive
 36+50 Lt
 27+50 Rt

TWO CABLE GUARD RAIL
 21+00 to 21+73 Rt
 21+00 to 21+83 Rt
 25+74 to 26+23 Lt
 26+24 to 33+10 Lt
 26+04 to 27+23 Rt
 27+78 to 34+19 Rt
 END MAINT. AGREE. AREA NO 2
 BEGIN RELINQUISHMENT NO 1
 S.A. - 1 28+27 E (11073)

TREATED TIMBER CURB, ITEM 55B
 21+00-21+70 Lt 25+44-26+58 Lt
 21+00-21+90 Rt 26+03-26+67 Rt

PARCEL: 521 B
 STATIONS: 10413 - 39+00 S.L.
 TAKING: 3.3 A 2

DEMOLITION AND REMOVAL OF BUILDINGS
 Item 506 7 21+00 Rt
 8 31+25 Rt
 END RELINQUISHMENT NO 2
 S.A. - 1 39+00 E

1735+91.24
 22+60.15

B.M. 144
 USGS
 El. 548.96

SB POT 1736+192
 S.L. 1737+24+03.3
 Δ 34' 50"

DI 33+50.0
 Δ 1' 06" Rt
 No Curve Run

21+85
 Stop Roadway
 Begin Bridge

21+00-22+25 Rt
 Clear Space Drive

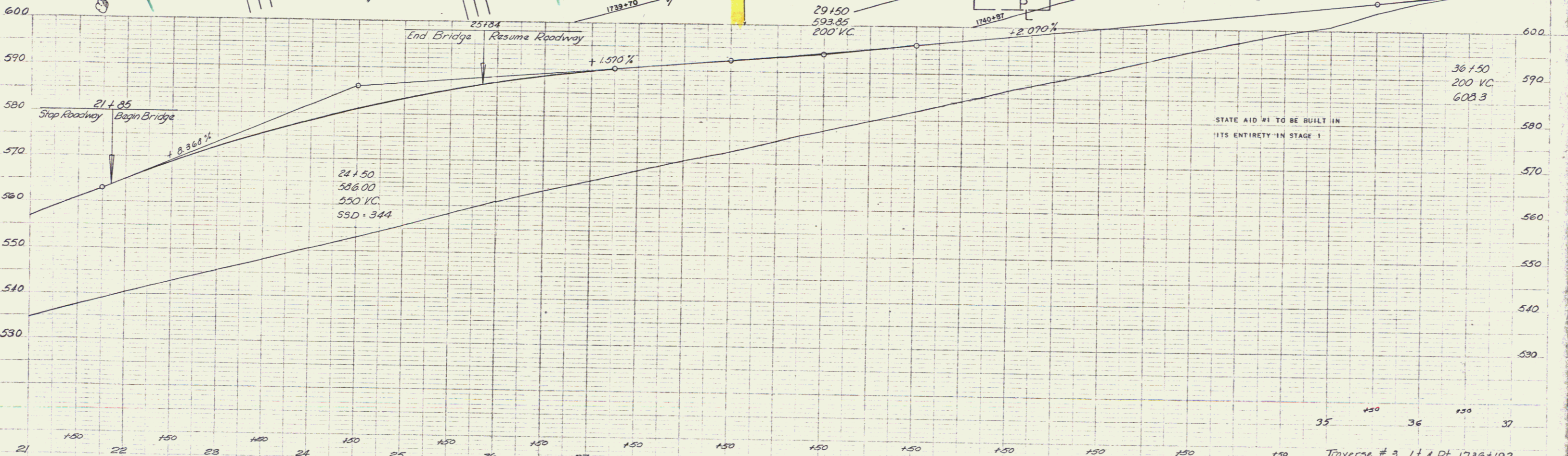
NB POT 1736+55.8

End Bridge
 Resume Roadway
 25+84

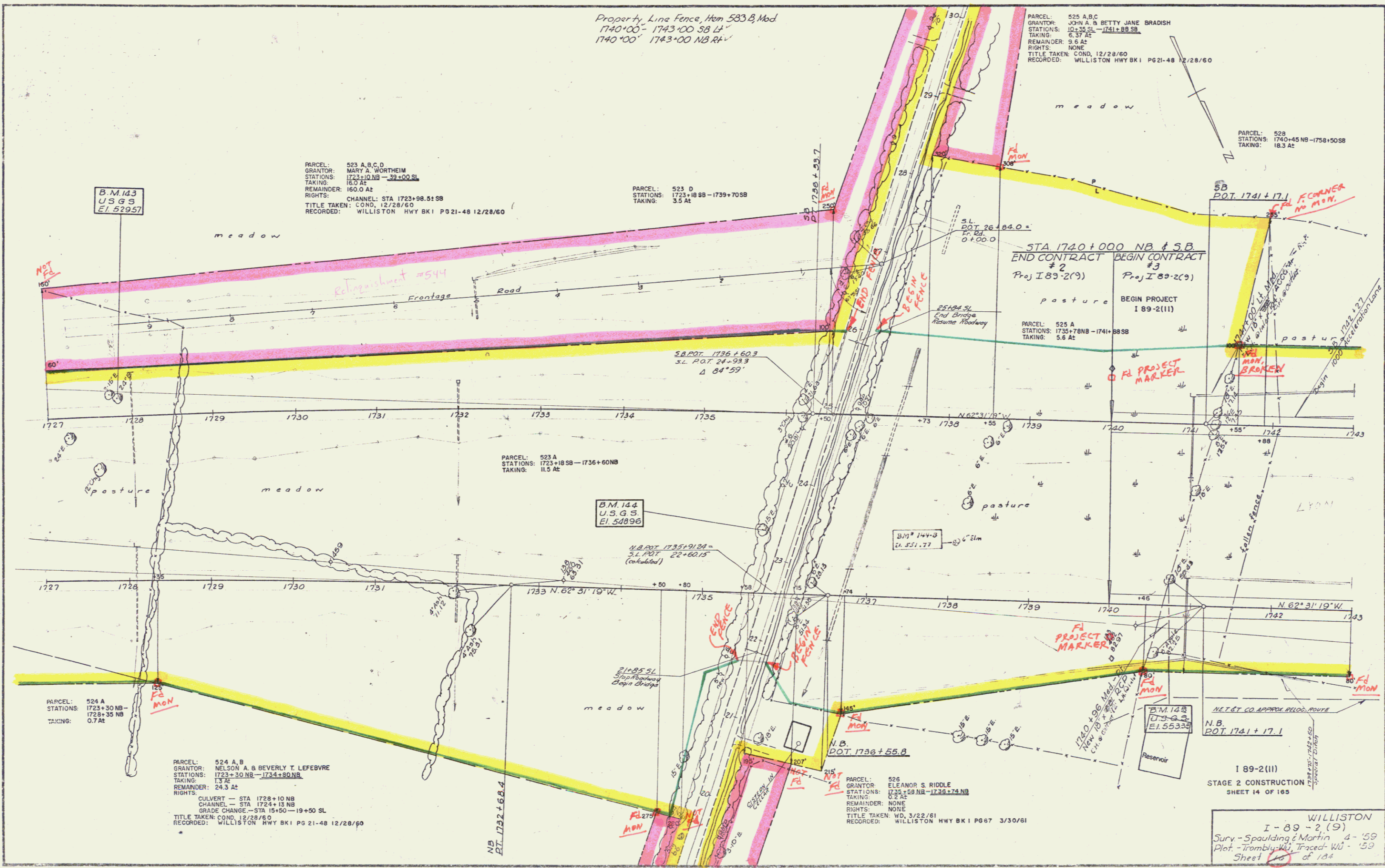
PARCEL: 523 B
 STATIONS: 1737+73.5B - 1739+10.5B
 TAKING: 0.4 A 2

PARCEL: 527
 GRANTOR: JAMES B. & OLIVE O'BRIEN
 STATIONS: 31+03 - 31+83 S.L.
 TAKING: 0.1 A 2
 REMAINDER: 0.3 A 2
 RIGHTS: NONE
 TITLE TAKEN: COND. 12/28/60
 RECORDED: WILLISTON BK 1 HWY PG 21-48 12/28/60

PARCEL: 523 C
 STATIONS: 31+83 - 39+00 S.L.
 TAKING: 0.6 A 2



Traverse # 3, Lt & Rt 1736+192
 2 of 2
 RICHMOND - WILLISTON
 Proj. 89-2(9)
 Sheet 40 of 225
 Contract #2



Property, Line Fence, Hem 583 B, Mod
 1740'00" - 1743'00" SB L¹
 1740'00" - 1743'00" NB R¹

PARCEL: 525 A,B,C
 GRANTOR: JOHN & BETTY JANE BRADISH
 STATIONS: 1741+88 SB - 1741+88 SB
 TAKING: 5.37 AC
 REMAINDER: 0.64 AC
 RIGHTS: NONE
 TITLE TAKEN: COND. 12/28/60
 RECORDED: WILLISTON HWY BK I PG 21-48 12/28/60

PARCEL: 528
 STATIONS: 1740+45 NB - 1758+50 SB
 TAKING: 18.3 AC

PARCEL: 523 A,B,C,D
 GRANTOR: MARY A. WORTHHEIM
 STATIONS: 1723+10 NB - 1731+00 SL
 TAKING: 16.0 AC
 REMAINDER: 16.0 AC
 RIGHTS: CHANNEL - STA 1723+98.51 SB
 TITLE TAKEN: COND. 12/28/60
 RECORDED: WILLISTON HWY BK I PG 21-48 12/28/60

PARCEL: 523 D
 STATIONS: 1723+18 SB - 1739+70 SB
 TAKING: 3.5 AC

STA 1740+000 NB & SB
 END CONTRACT #2
 BEGIN CONTRACT #3
 Proj I 89-2(9) Proj I 89-2(9)
 pasture BEGIN PROJECT
 I 89-2(111)

PARCEL: 525 A
 STATIONS: 1735+78 NB - 1741+88 SB
 TAKING: 5.6 AC

PARCEL: 523 A
 STATIONS: 1723+18 SB - 1736+60 NB
 TAKING: 11.5 AC

PARCEL: 524 A
 STATIONS: 1723+30 NB - 1723+30 NB
 TAKING: 0.7 AC

PARCEL: 524 A,B
 GRANTOR: NELSON A. & BEVERLY T. LEFEBVRE
 STATIONS: 1723+30 NB - 1734+80 NB
 TAKING: 13 AC
 REMAINDER: 23.3 AC
 RIGHTS: CULVERT - STA 1728+10 NB
 CHANNEL - STA 1724+13 NB
 GRADE CHANGE - STA 15+50 - 19+50 SL
 TITLE TAKEN: COND. 12/28/60
 RECORDED: WILLISTON HWY BK I PG 21-48 12/28/60

PARCEL: 526
 GRANTOR: ELEANOR S. RIDDLE
 STATIONS: 1735+58 NB - 1736+74 NB
 TAKING: 0.25 AC
 REMAINDER: NONE
 RIGHTS: NONE
 TITLE TAKEN: WD. 3/22/61
 RECORDED: WILLISTON HWY BK I PG 67 3/30/61

I 89-2(111)
 STAGE 2 CONSTRUCTION
 SHEET 14 OF 165

WILLISTON
 I-89-2(9)
 Surv - Spaulding & Martin 4-'59
 Plot - Trombly, W. Traced WU - '59
 Sheet 14 of 165

CONTRACT III

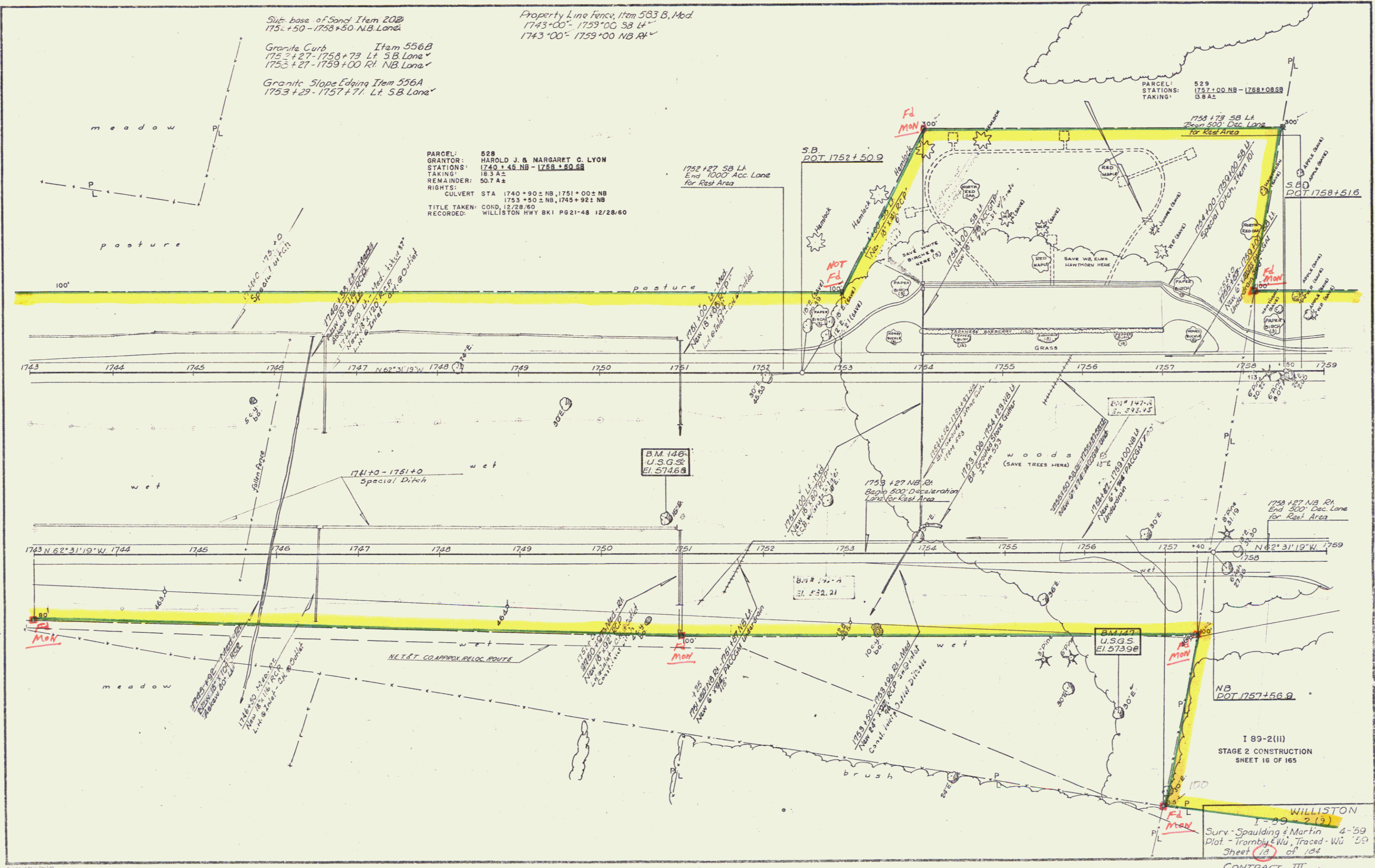
Site base of Sand Item 20B
1751+50 - 1758+50 NB Lane

Granite Curb Item 556B
1752+27 - 1758+73 Lt. S.B. Lane
1755+27 - 1759+00 Rt. NB Lane

Granite Slope Edging Item 556A
1753+29 - 1757+71 Lt. S.B. Lane

Property Line Fence, Item 583 B, Mod
1743+00 - 1759+00 S.B. Lt.
1743+00 - 1759+00 NB Rt.

PARCEL: 028
GRANTOR: HAROLD J. & MARGARET C. LYON
STATIONS: 1740+45 NB - 1768+50 SB
TAKING: 18.3 A±
REMAINDER: 50.7 A±
RIGHTS:
CULVERT STA 1740+90 ± NB, 1751+00 ± NB
1753+50 ± NB, 1749+92 ± NB
TITLE TAKEN: COND. 12/28/80
RECORDED: WILLISTON HWY BK1 P621-48 12/28/80



THREE CABLE GUARD RAIL
with STEEL POSTS Item 543
1765 + 75 to 1775 + 00 NB Lt.
1768 + 00 to 1775 + 00 SB Lt.
1768 + 95 to 1775 + 00 NB Lt.
1770 + 48 to 1775 + 00 SB Lt.

Property Line Fence, Item 533 B, Mod
1759+00 - 1775+00 SB Lt.
1759+00 - 1775+00 NB Rt.

Drilling and Blasting of Sand
Block Subgrade Item 114 Mod
1763+00 - 1766+00

BITUMINOUS CONCRETE
SURFACE FOR CUTTERS AND
TRAFFIC ISLANDS ITEM 534
1763+00 SB Lt.
1763+00 NB Lt.

Granite Curb Item 556B
1759+00 - 1764+73 Rt. NB Lane

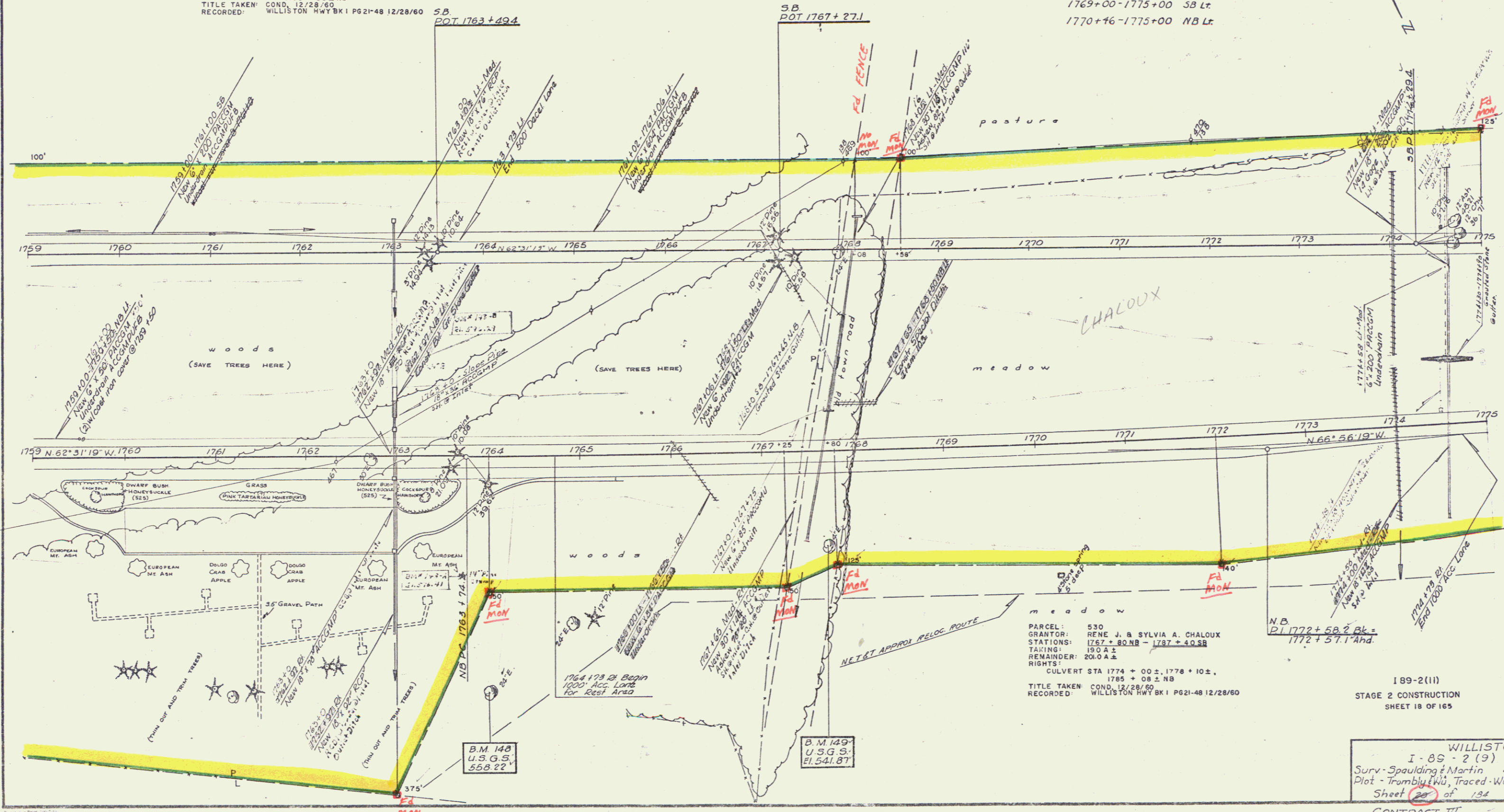
Granite Slope Edging Item 556A
1759+29 - 1763+71 Rt. NB Lane

NB Curve Data
Δ 4° 25' 00" L.
D 0° 15'
R 22918.3'
T 883.9'
L 1766.7'
E 17.0'
Bank 1/2 per ft.

PARCEL: 529
GRANTOR: FRANK G. & DOROTHY WESTALL
STATIONS: 1757+00 NB - 1768+08 SB
TAKING: 138.2 ±
REMAINDER: 514.2 ±
RIGHTS:
CULVERT STA 1763 + 00 ± NB
TITLE TAKEN COND. 12/28/60
RECORDED: WILLISTON HWY BK 1 P621-48 12/28/60

PARCEL: 521 C
GRANTOR: TOWN OF WILLISTON
STATIONS: 1767+25 NB - 1768+58 SB
TAKING: 0.6 ±

Bituminous Concrete Curb, Item 555
1769+00 - 1775+00 SB Lt.
1770+46 - 1775+00 NB Lt.



PARCEL: 530
GRANTOR: RENE J. & SYLVIA A. CHALOUX
STATIONS: 1767+80 NB - 1787+40 SB
TAKING: 190.0 ±
REMAINDER: 200.0 ±
RIGHTS:
CULVERT STA 1774 + 00 ±, 1778 + 10 ±,
1785 + 08 ± NB
TITLE TAKEN COND. 12/28/60
RECORDED: WILLISTON HWY BK 1 P621-48 12/28/60

189-2(11)
STAGE 2 CONSTRUCTION
SHEET 18 OF 165

WILLISTON
I-89-2(9)
Surv. Spaulding & Martin 4-59
Plot - Trombly WJ, Traced WJ 59
Sheet 20 of 154
CONTRACT III

THREE CABLE GUARD RAIL
with STEEL POSTS Item 543
1775+00 to 1780+62.00 NB Lt.
1775+00 to 1782+56.94 SB Lt.
1775+00 to 1779+54.20 NB Lt.
1775+00 to 1780+56.06 SB Lt.

STONE WALL FOR SLOPE PROTECTION
1773+10
1775+25 - 1775+30

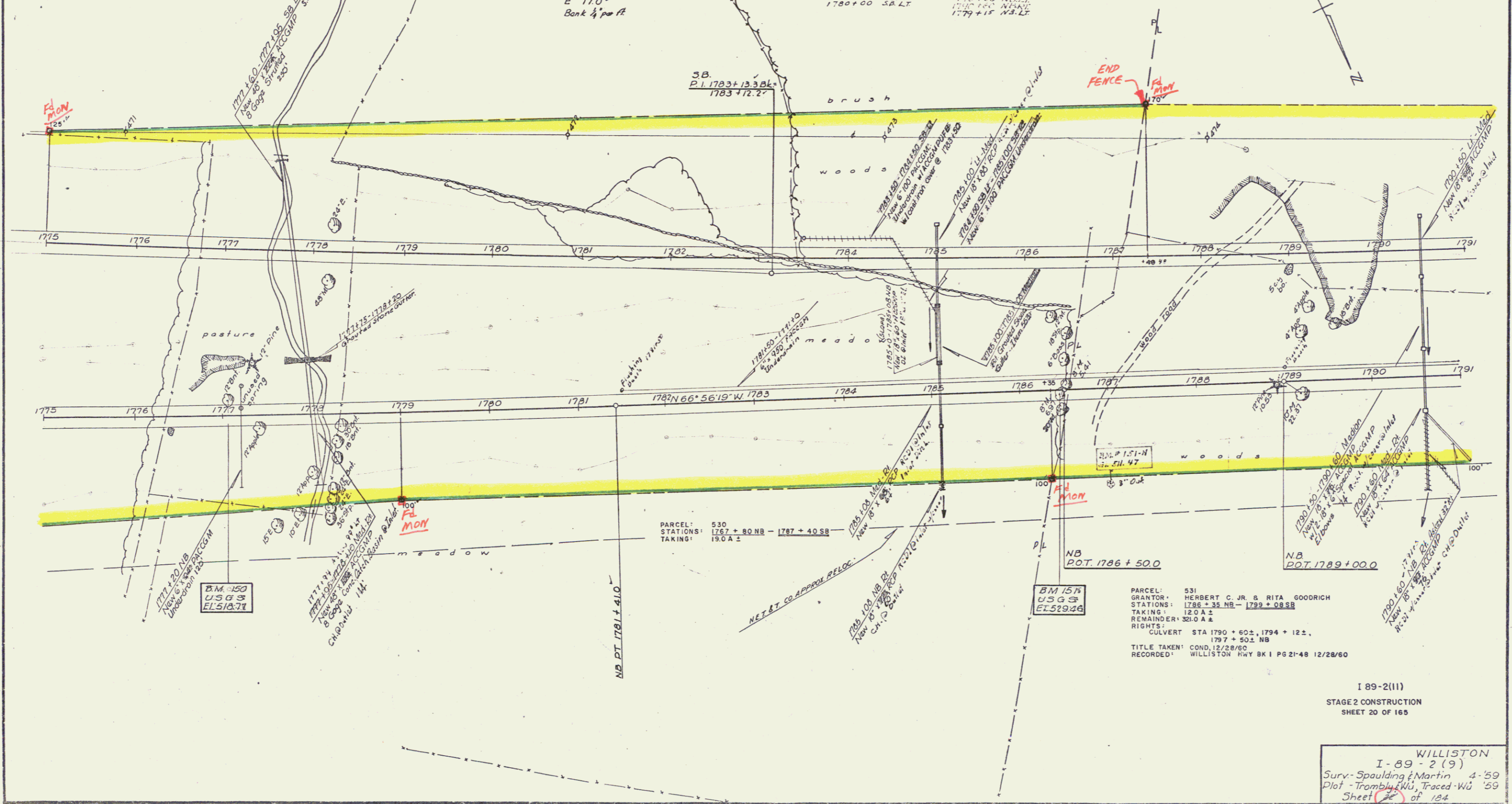
DRILLING AND BLASTING OF SOLID
ROCK SUBGRADE - ITEM 114 Mod
1784.180
SB 1781+00 - 1782+50.25
NB 1782+50 - 1791+00
SB 1785+58 - 1791+00

Bituminous Concrete Curb, Item 555
1775+00 - 1779+50 SB Lt.
1775+00 - 1779+76 NB Lt.

Property Line Fence, Item 583 B, Mod
1775+00 - 1783+30 SB Lt.
1775+00 - 1786+30 NB Lt.
1791+00

SB Curve Data
Δ 4° 25' 00" Lt.
D 0° 15' 1"
R 22318.8
T 883.9
L 1766.7
E 170'
Bank 4' per ft

BITUMINOUS CONCRETE SURFACE
FOR PAVEMENT AND TRAFFIC ISLANDS -
ITEM 552
1785+00 SB Lt. 1785+00 NB Lt.
1790+00 SB Lt. 1785+00 NB Lt.
1790+00 SB Lt. 1790+00 NB Lt.
1780+00 SB Lt. 1779+15 NB Lt.



PARCEL: 530
STATIONS: 1767+80 NB - 1787+40 SB
TAKING: 19.0 A ±

PARCEL: 531
GRANTOR: HERBERT C. JR. & RITA GOODRICH
STATIONS: 1786+35 NB - 1799+08 SB
TAKING: 12.0 A ±
REMAINDER: 32.0 A ±
RIGHTS: CULVERT STA 1790+60 ±, 1794+12 ±,
1797+50 ± NB
TITLE TAKEN: COND. 12/28/60
RECORDED: WILLISTON HWY BK 1 PG 21-48 12/28/60

I 89-2(11)
STAGE 2 CONSTRUCTION
SHEET 20 OF 165

WILLISTON
I-89-2(9)
Surv: Spaulding & Martin 4-59
Plot: Trombly & WU, Traced WU '59
Sheet 20 of 184
CONTRACT III

THREE CABLE GUARD RAIL
WITH STEEL POSTS ITEM 543
1825+00 to 1825+28.58 RI

Property Line Fence, Item 583 B, Mod

1823+00 - 1825+40 SB LF
1823+00 - 1825+63 NB RT
1826+40 1830+22 - 1839+00 SB LF
1825+63 1833+00 - 1839+00 NB RT

B.M. 156
U.S.G.S.
El. 468.78

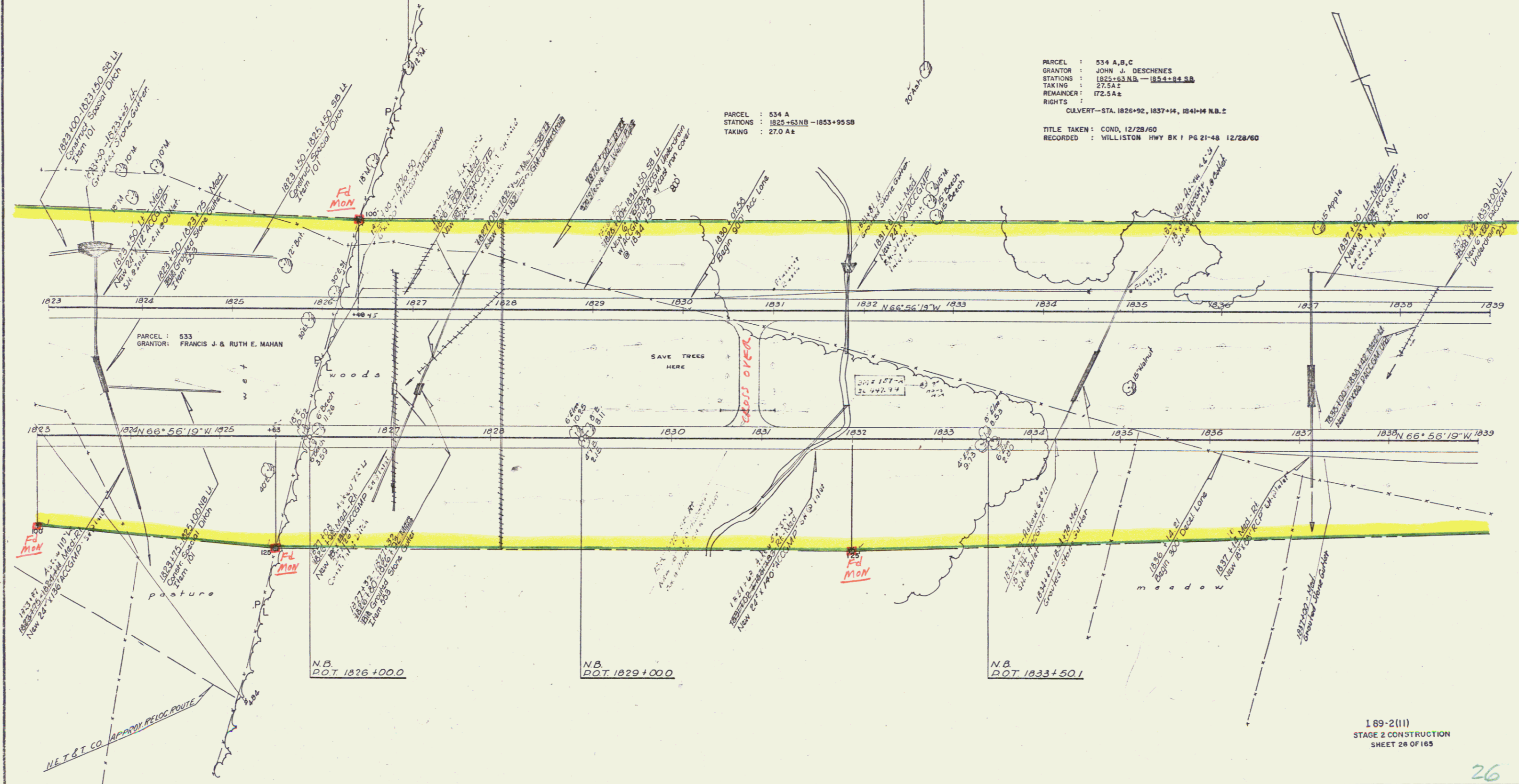
B.M. 157
U.S.G.S.
El. 471.48

PARCEL : 534 A
STATIONS : 1825+63 NB - 1833+95 SB
TAKING : 27.0 A±

PARCEL : 534 A, B, C
GRANTOR : JOHN J. DESCHENES
STATIONS : 1825+63 NB - 1834+84 SB
TAKING : 27.5 A±
REMARKER : 172.5 A±
RIGHTS :

CULVERT - STA. 1825+92, 1837+14, 1841+14 NB. E

TITLE TAKEN : COND. 12/28/60
RECORDED : WILLISTON HWY BK 1 PG 21-48 12/28/60



189-2(11)
STAGE 2 CONSTRUCTION
SHEET 28 OF 185

26
WILLISTON
I-89-2(9)
Surv. Spaulding & Martin 4-'59
Plot - Trombly & W. Traced WJ '58
Sheet (28) of 185
Contract # 3

THREE CABLE GUARD RAIL WITH STEEL POSTS ITEM 543
 1852+16 to 1852+34 NB Rt
 1850+27 to 1852+43 NB Rt
 1850+38 to 1852+53 NB Rt
 1850+31 to 1852+61 NB Rt
 1854+04 to 1855+00 NB Rt
 1854+13 to 1855+00 NB Rt
 1854+30 to 1855+00 SB Rt
 1854+39 to 1855+00 SB Lt

GRANITE SLOPE EDGING
 1842+77 - 1843+28 NB Rt

Property Line Fence Item 583 B Mod
 1839+00 - 1853+83 SB Lt
 1839+00 - 1852+40 NB Rt
 1853+00 - 1855+00 NB Rt
 1854+39 - 1855+00 SB Lt

STONE FILL for SLOPE PROTECTION
 ITEM 522
 9+95 - 10+05 Lt (Ramp A)
 51+82 - 52+10 Lt (Rt. 116 A)
 9+25 - 9+62 Lt (Ramp C)

PARCEL: 536 B
 STATIONS: 1854+40 - 1855+00 SB
 TAKING: 0.3A ±

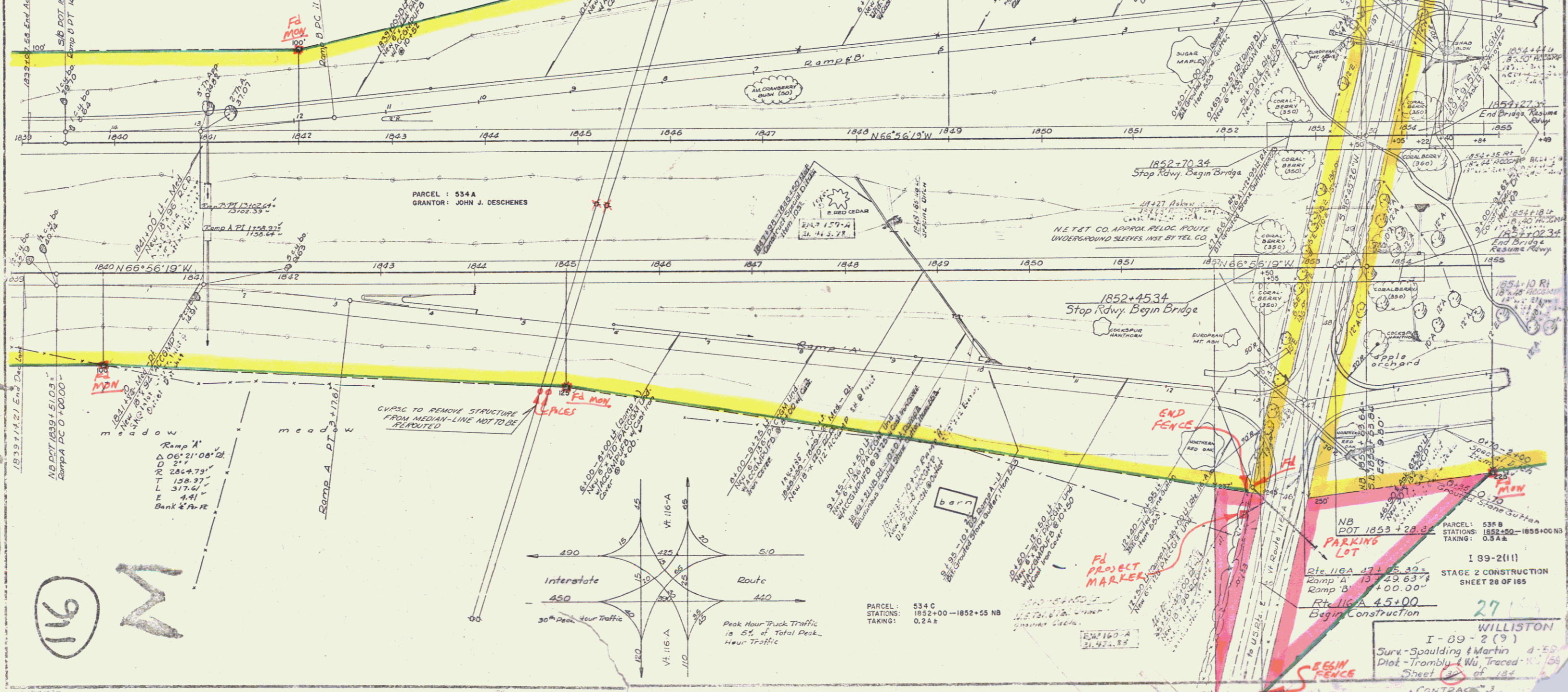
ANTIKING CONCRETE SURFING FOR GUTTERS AND TRAFFIC ISLANDS - ITEM 554
 5+00 - 14+00
 2+00 - 10+00
 1841+00 - 1842+00

BM 158
 U.S.G.S.
 El. 493.89

BM 159
 U.S.G.S.
 El. 485.95

PARCEL: 534 B
 STATIONS: 1853+50 - 1854+84 SB
 TAKING: 0.3A ±

Ramp B
 Δ 05°42'21" Rt
 D 2'
 TR 284.79'
 T 143.27'
 L 230.23'
 E 3.68'
 Bank 4' Per Ft.



116
 911
 M

PARCEL: 534 C
 STATIONS: 1852+00 - 1852+55 NB
 TAKING: 0.2A ±

PARCEL: 535 B
 STATIONS: 1852+50 - 1855+00 NB
 TAKING: 0.3A ±

I 89-2(11)
 STAGE 2 CONSTRUCTION
 SHEET 28 OF 165

27
 WILLISTON
 I-89-2(9)
 Surv. Spaulding & Martin 4-59
 Plat. Trombly & Wu, Traced K-156
 Sheet 28 of 184
 CONTRACT 3

THREE CABLE GUARD RAIL
WITH STEEL POSTS 27mm dia
Granite Slope Edging 27mm dia
1855+00 to 1857+53 NB RL
1855+00 to 1859+77 SB RL
1855+00 to 1859+51 SB LL
1855+00 to 1860+21 NB LL 1859+46
Ramp 'D'
2+000 to 9+52 21.8+92

Subbase of Sand, Item
1861+00-1871+00 SB
1861+50-1871+00 NB

STONE FILL FOR SLOPE
PROTECTION
1853+0 - 1871+0 SB LL (width)

GUTTERS AND DRAINAGE
ITEM - 555A
1861+0 SB LL 1864+08 NB LL
1868+0 SB RL 1868+08 NB LL
1868+02 SB RL 1868+02 SB RL

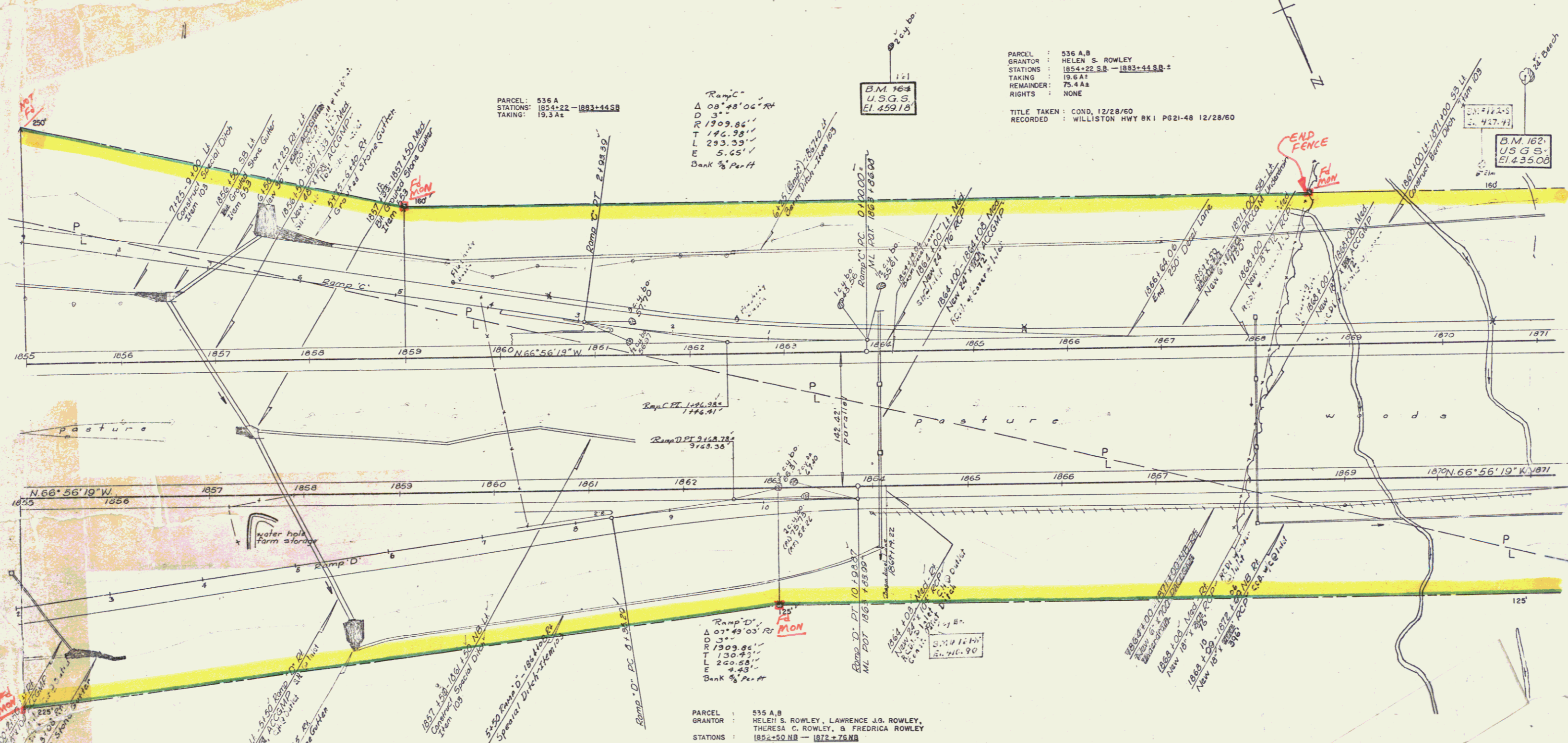
PARCEL: 536 A
STATIONS: 1854+22 - 1883+44 SB
TAKING: 19.5 A±

Ramp 'C'
Δ 09°48'00" Rt
D 3.1'
R 1909.86'
T 196.39'
L 293.33'
E 5.65'
Bank 3/8 Per Ft

PARCEL: 536 A, B
GRANTOR: HELEN S. ROWLEY
STATIONS: 1854+22 SB - 1883+44 SB
TAKING: 19.6 A±
REMAINDER: 79.4 A±
RIGHTS: NONE

TITLE TAKEN: COND. 12/28/60
RECORDED: WILLISTON HWY BK 1 PG 21-48 12/28/60

B.M. 162
U.S.G.S.
Elev. 435.06



PARCEL: 535 A, B
GRANTOR: HELEN S. ROWLEY, LAWRENCE J. ROWLEY,
THERESA C. ROWLEY, & FREDERICA ROWLEY
STATIONS: 1854+50 NB - 1872+76 NB
TAKING: 12.0 A±
REMAINDER: 158.0 A±
RIGHTS: CULVERT - STA. 1854+50 SB, 1857+50 NB,
1864+08 NB, 5

TITLE TAKEN: COND. 12/28/60
RECORDED: WILLISTON HWY BK 1 PG 21-48 12/28/60

PARCEL: 535 A
STATIONS: 1853+00 - 1872+76 NB
TAKING: 11.5 A±

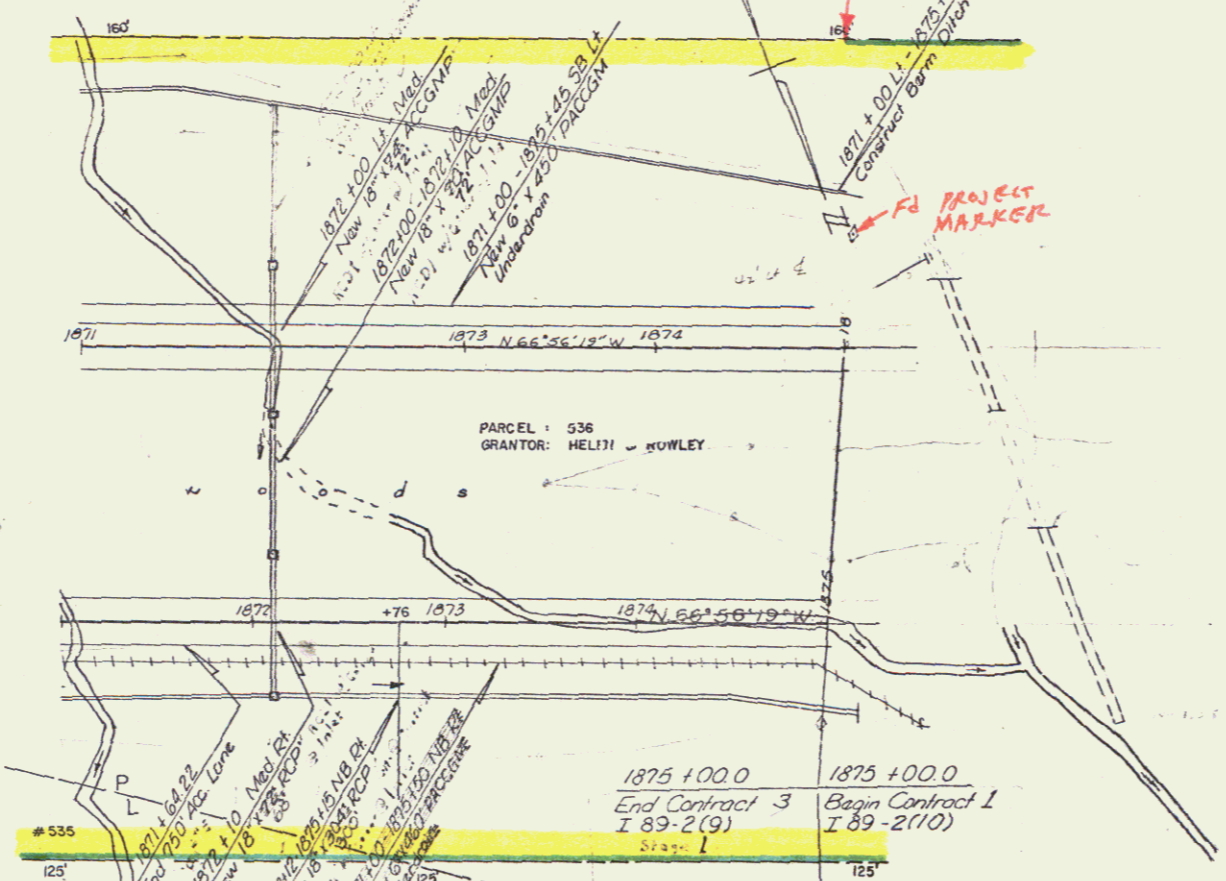
189-2(11)
STAGE 2 CONSTRUCTION
SHEET 30 OF 165
28

WILLISTON
I-89-2(9)
Surv. Spaulding & Martin 4-59
Plot - Trumbly & W. Traced - W. 50
Sheet 28 of 104
CONTRACT

CONCRETE SURFACE
 FROM 1871+00 TO 1872+00
 1871+00 TO 1872+00

Subbase of Sand Item 202
 1871+00 TO 1872+00

STONE FILL FOR SLOPE
 PROTECTION
 1871+00 TO 1872+00

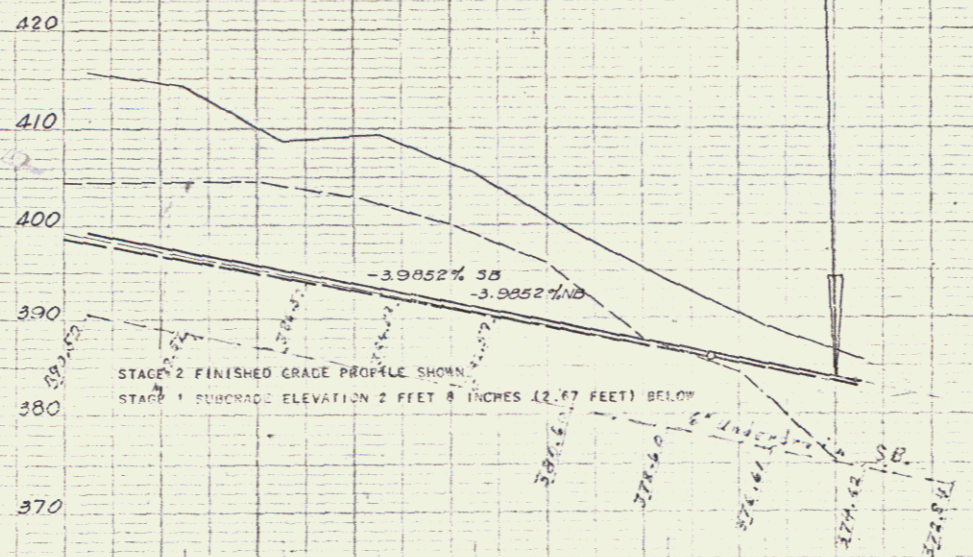


1875 +00.0
 End Contract 3
 I 89-2(9)

1875 +00.0
 Begin Contract 1
 I 89-2(10)

Terminal Quantities
 Fill 100 cu yds NB
 Cut 100 cu yds SB

E.M. 182-A
 El. 373.52



Southbound	1871	1872	1873	1874	1875
1871	450	450	450	450	450
Northbound	1871	1872	1873	1874	1875
1871	450	450	450	450	450

29
 WILLISTON
 1-89-2(4)
 Sheet 34
 Contract #3