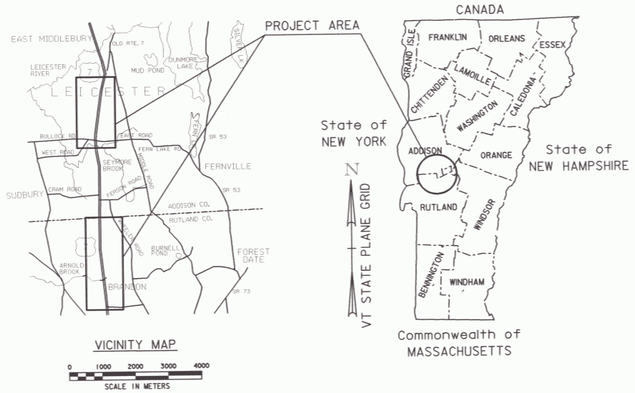
INDEX OF SHEETS
1. TITLE SHEET
2. TYPICAL SECTION SHEET
3-33. PLAN SHEETS
34-52. PROFILE SHEETS
53-92. CROSS-SECTION SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION



VICINITY MAP
0 1000 2000 3000 4000
SCALE IN METERS

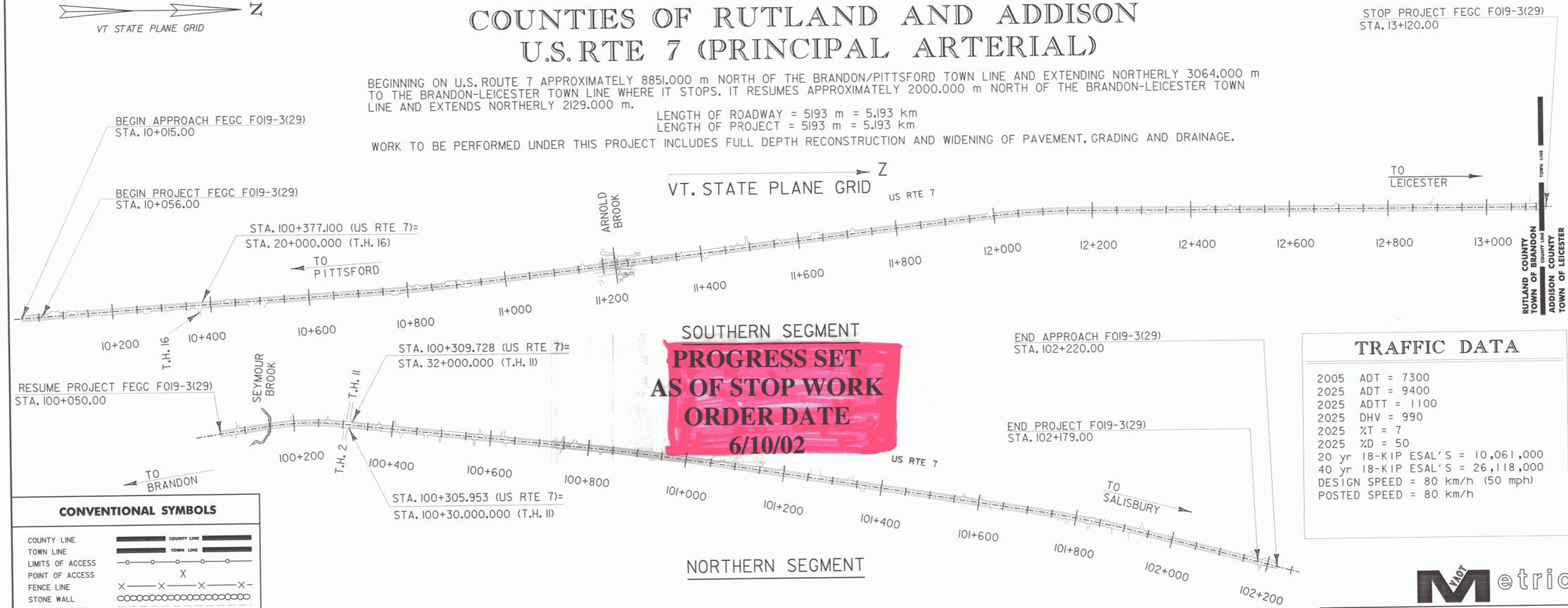
PROPOSED IMPROVEMENT
TOWNS OF BRANDON AND LEICESTER
COUNTIES OF RUTLAND AND ADDISON
U.S. RTE 7 (PRINCIPAL ARTERIAL)

BEGINNING ON U.S. ROUTE 7 APPROXIMATELY 8851.000 m NORTH OF THE BRANDON/PITTSFORD TOWN LINE AND EXTENDING NORTHERLY 3064.000 m TO THE BRANDON-LEICESTER TOWN LINE WHERE IT STOPS. IT RESUMES APPROXIMATELY 2000.000 m NORTH OF THE BRANDON-LEICESTER TOWN LINE AND EXTENDS NORTHERLY 2129.000 m.

LENGTH OF ROADWAY = 5193 m = 5.193 km
LENGTH OF PROJECT = 5193 m = 5.193 km

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES FULL DEPTH RECONSTRUCTION AND WIDENING OF PAVEMENT, GRADING AND DRAINAGE.

N
VT STATE PLANE GRID



PROGRESS SET
AS OF STOP WORK
ORDER DATE
6/10/02

TRAFFIC DATA

2005 ADT = 7300
2025 ADT = 9400
2025 ADTT = 1100
2025 DHV = 990
2025 %T = 7
2025 %D = 50
20 yr 18-KIP ESAL'S = 10,061,000
40 yr 18-KIP ESAL'S = 26,118,000
DESIGN SPEED = 80 km/h (50 mph)
POSTED SPEED = 80 km/h

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE
DITCH
RIGHT OF WAY

SURVEYED BY : VAOT
SURVEYED DATE : 6-29-2000

DATUM
VERTICAL: NAVD 88
HORIZONTAL: NAD 83

0 120 240 360 480
SCALE IN METERS
1: 4000

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 2, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

VAOT Metric

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATOR
APPROVED _____ DATE _____

DIRECTOR OF PROJECT DEVELOPMENT
APPROVED _____ DATE _____

PROJECT MANAGER : GARY H. DUBRAY

PROJECT **BRANDON-LEICESTER**
FEGC F 019-3(29)

SHEET 1 OF 92 SHEETS

INDEX OF SHEETS

VOLUME 1

Metric

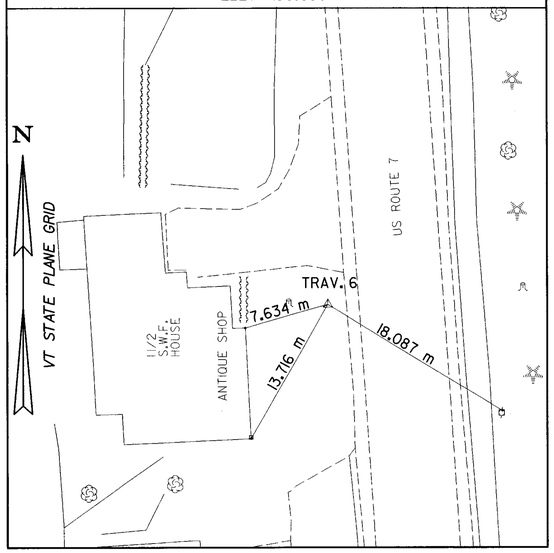
1. TITLE SHEET
2. INDEX OF SHEETS
3. PLAN (SEGMENT 1- SHEET 1)
4. PLAN (SEGMENT 1- SHEET 2)
5. PLAN (SEGMENT 1- SHEET 3)
6. PLAN (SEGMENT 1- SHEET 4)
7. PLAN (SEGMENT 1- SHEET 5)
8. PLAN (SEGMENT 1- SHEET 6)
9. PLAN (SEGMENT 1- SHEET 7)
10. PLAN (SEGMENT 1- SHEET 8)
11. PLAN (SEGMENT 1- SHEET 9)
12. PLAN (SEGMENT 1- SHEET 10)
13. PLAN (SEGMENT 1- SHEET 11)
14. PLAN (SEGMENT 1- SHEET 12)
15. PLAN (SEGMENT 1- SHEET 13)
16. PLAN (SEGMENT 1- SHEET 14)
17. PLAN (SEGMENT 1- SHEET 15)
18. PLAN (SEGMENT 1- SHEET 16)
19. PLAN (SEGMENT 1- SHEET 17)
20. PLAN (SEGMENT 1- SHEET 18)
21. PLAN (SEGMENT 2- SHEET 1)
22. PLAN (SEGMENT 2- SHEET 2)
23. PLAN (SEGMENT 2- SHEET 3)
24. PLAN (SEGMENT 2- SHEET 4)
25. PLAN (SEGMENT 2- SHEET 5)
26. PLAN (SEGMENT 2- SHEET 6)
27. PLAN (SEGMENT 2- SHEET 7)
28. PLAN (SEGMENT 2- SHEET 8)
29. PLAN (SEGMENT 2- SHEET 9)
30. PLAN (SEGMENT 2- SHEET 10)
31. PLAN (SEGMENT 2- SHEET 11)
32. PLAN (SEGMENT 2- SHEET 12)
33. PLAN (SEGMENT 2- SHEET 13)
34. PROFILE (SEGMENT 1- SHEET 1)
35. PROFILE (SEGMENT 1- SHEET 2)
36. PROFILE (SEGMENT 1- SHEET 3)
37. PROFILE (SEGMENT 1- SHEET 4)
38. PROFILE (SEGMENT 1- SHEET 5)
39. PROFILE (SEGMENT 1- SHEET 6)
40. PROFILE (SEGMENT 1-SHEET 7)
41. PROFILE (SEGMENT 1- SHEET 8)
42. PROFILE (SEGMENT 1- SHEET 9)
43. PROFILE (SEGMENT 1- SHEET 10)
44. PROFILE (LOVERS LANE, TOWN LINE DRIVE, LARCH LANE)
45. PROFILE (SEGMENT 2- SHEET 1)
46. PROFILE (SEGMENT 2- SHEET 2)
47. PROFILE (SEGMENT 2- SHEET 3)
48. PROFILE (SEGMENT 2- SHEET 4)
49. PROFILE (SEGMENT 2- SHEET 5)
50. PROFILE (SEGMENT 2- SHEET 6)
51. PROFILE (SEGMENT 2- SHEET 7)
52. PROFILE (FERN LAKE ROAD, LEICESTER WHITING ROAD)

PROJECT NAME :	PROJECT NO. :
DESIGN FILE NAME: d:\out\Brandon-Leicester, VT7\Civil\Sheet\Miscellane	
IPARM FILE NAME:	PLOT DATE: $$$$DATE$$$
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: M.C. McINTOSH
	SHEET: 2 OF 92

TRAVERSE TIES (SEGMENT I)

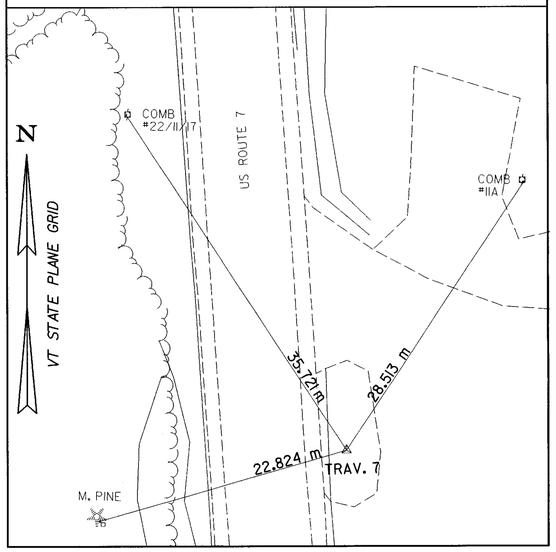
TRAV. 6

N. = 146522.343
E. = 451438.952
ELEV= 150.050



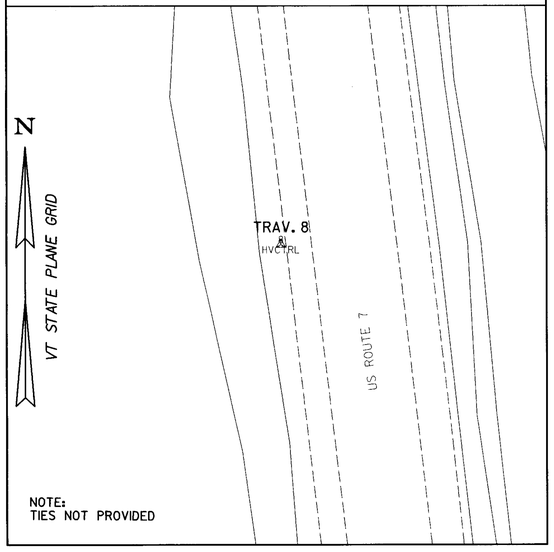
TRAV. 7

N. = 146908.236
E. = 451428.279
ELEV= 141.831



TRAV. 8

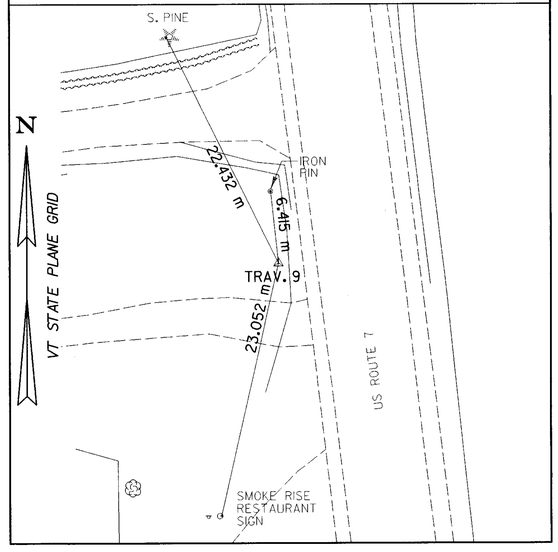
N. = 153615.550
E. = 451431.290
ELEV= 133.835



NOTE:
TIES NOT PROVIDED

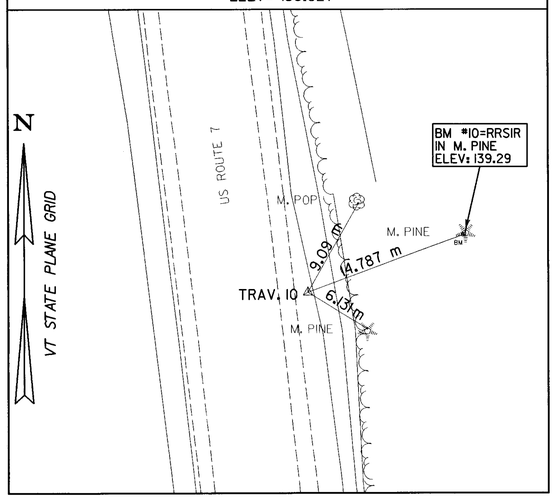
TRAV. 9

N. = 147890.688
E. = 451381.690
ELEV= 139.851



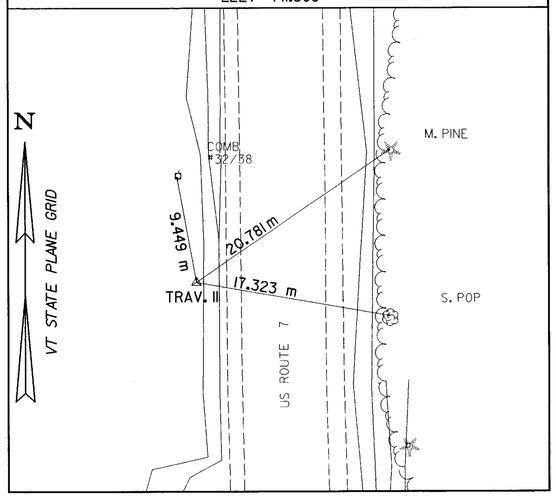
TRAV. 10

N. = 148257.021
E. = 451289.330
ELEV= 138.827



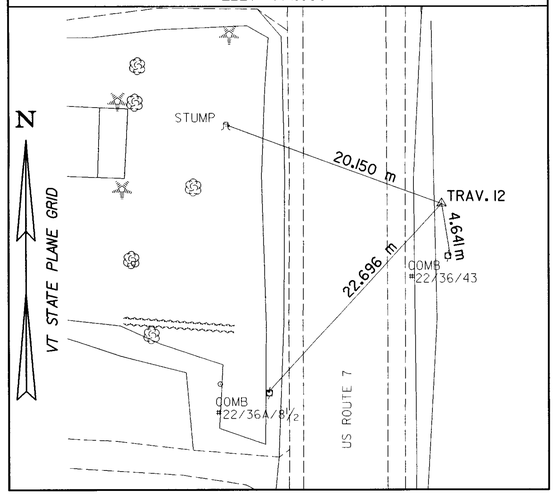
TRAV. 11

N. = 148551.401
E. = 451249.126
ELEV= 141.395



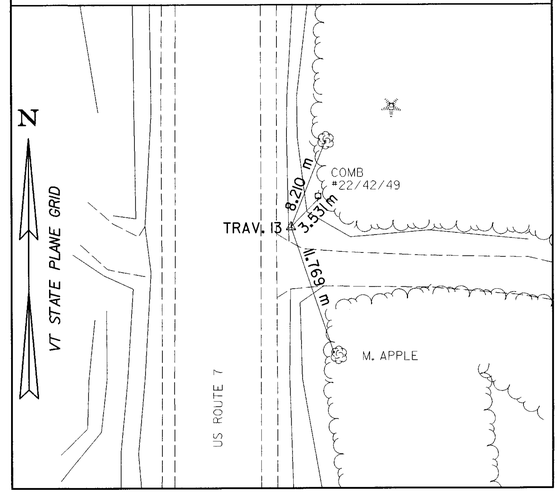
TRAV. 12

N. = 148866.461
E. = 451266.722
ELEV= 144.036



TRAV. 13

N. = 149290.718
E. = 451266.843
ELEV= 144.570



DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: d:\out\Brandon-Leicester, VT7\Survey\Sheet\xd05ttravl.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY:
SHEET: OF 94

TRAVERSE TIES (SEGMENT 2)

GEODETIC CONTROL POINTS

TT 40 C AZ MK (NOT SHOWN)

N = 150937.184
E = 451280.360
Z = 151.660

GENERAL LOCATION: LEICESTER, VT. OWNERSHIP: CHURCH OF THE NAZARENE, 39 WINDY KNOLL LANE, LEICESTER, VT 05733. TO REACH FROM THE INTERSECTION OF US ROUTE 7 AND VT ROUTE 73 WEST AT THE NORTH END OF BRANDON VILLAGE, GO NORTH ALONG US ROUTE 7 FOR 6.4 KM (4.0 MI) TO THE INTERSECTION OF WINDY KNOLL LANE RIGHT AND SITE OF THE MARK. THE MARK IS SET FLUSH WITH THE GROUND SURFACE IN THE TOP OF A BOULDER EMBEDDED IN THE GROUND. THE MARK IS 18.4 M (60.4 FT) EAST OF AND 1.0 M (3.3 FT) HIGHER THAN THE CENTERLINE OF US ROUTE 7, 12.1 M (39.7 FT) SOUTH OF THE CENTERLINE OF WINDY KNOLL LANE, 7.5 M (24.6 FT) WEST OF A 40 CM MAPLE, 9.4 M (30.8 FT) SOUTHEAST OF POLE NO. 22/65/72 AND A FIBERGLASS WITNESS POST.

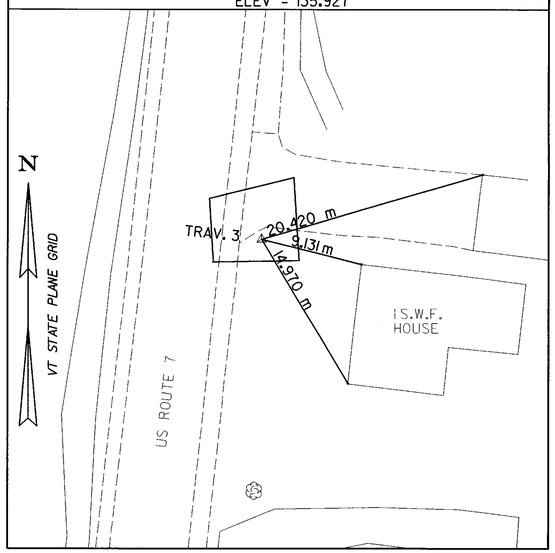
TT 40 C 448 1942 (NOT SHOWN)

N = 151889.948
E = 451151.807
Z = 136.334

GENERAL LOCATION: LEICESTER, VT. 1.2 M (4 FT) SOUTH AND 16.5 M (54 FT) WEST OF CENTERLINE OF CROSSROADS, IN NORTH CORNER OF CONCRETE DRAIN BASIN.

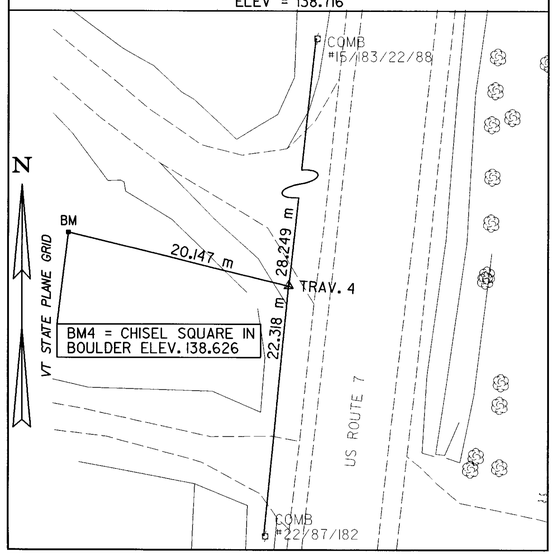
TRAV. 3

N. = 152046.553
E. = 451192.040
ELEV = 135.927



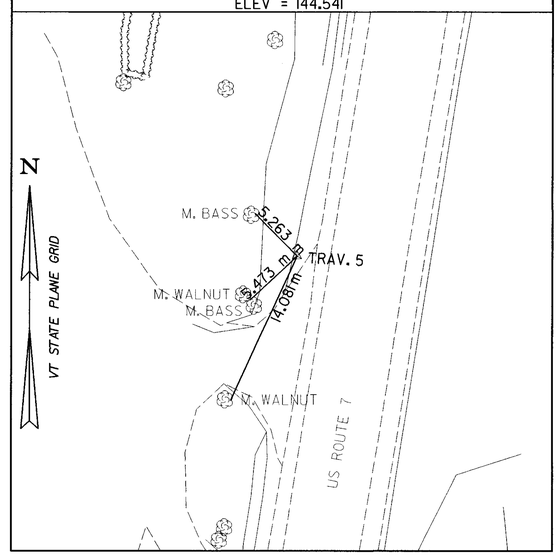
TRAV. 4

N. = 152344.473
E. = 451210.188
ELEV = 138.716



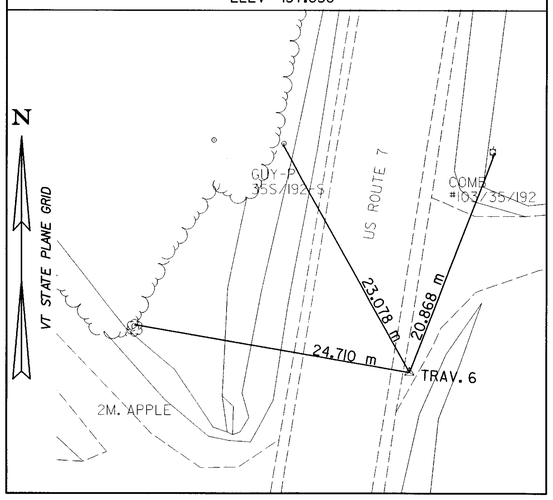
TRAV. 5

N. = 152661.818
E. = 451255.281
ELEV = 144.541



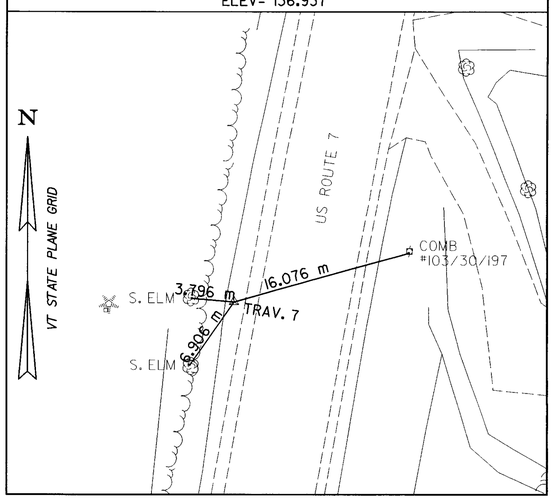
TRAV. 6

N. = 152924.315
E. = 451309.136
ELEV= 137.638



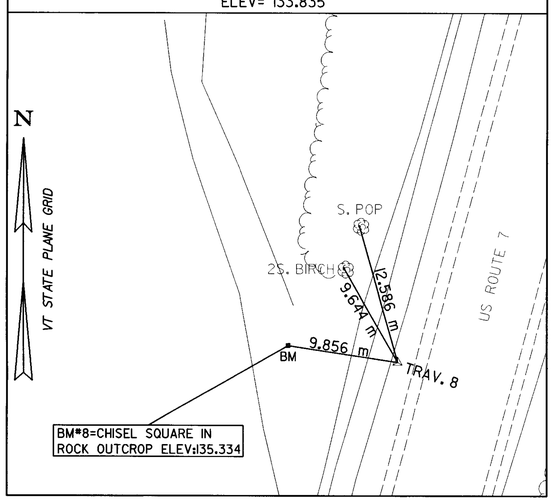
TRAV. 7

N. = 153320.683
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ELEV= 136.937



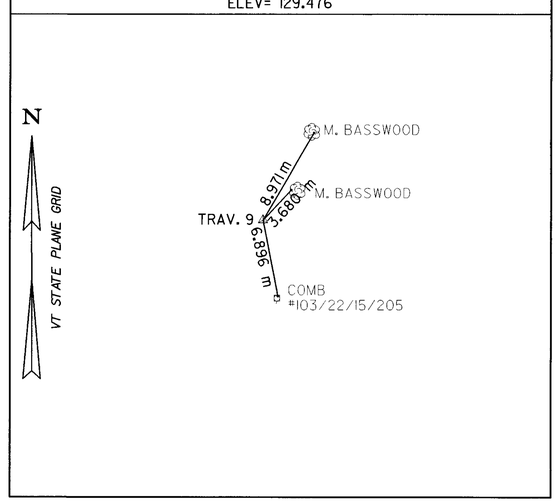
TRAV. 8

N. = 153615.550
E. = 451431.290
ELEV= 133.835



TRAV. 9

N. = 153905.774
E. = 451525.348
ELEV= 129.476



DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

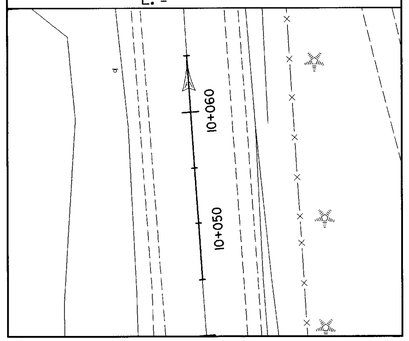
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: d:\out\Brandon-Leicester, VT7\Survey\Sheet\xd05ltrav2.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY:
SHEET: OF 94

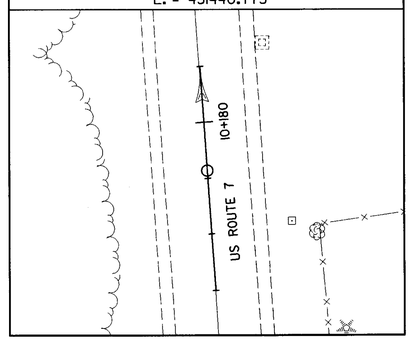
Metric

ALIGNMENT TIES (SEGMENT 1)

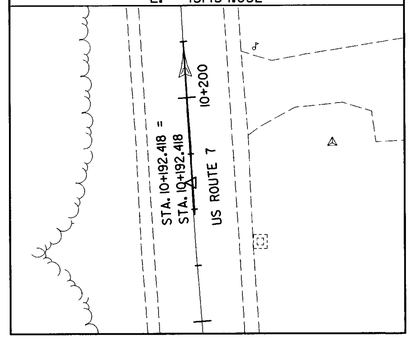
P.O.B. 10+056.000
N. =
E. =



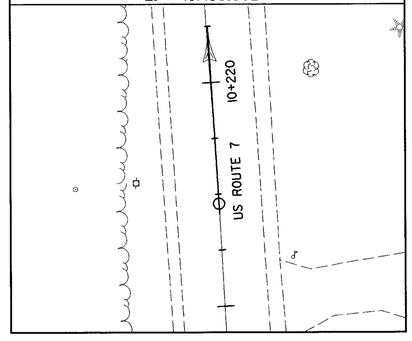
P.C. 10+175.703
N. = 146591.412
E. = 451440.773



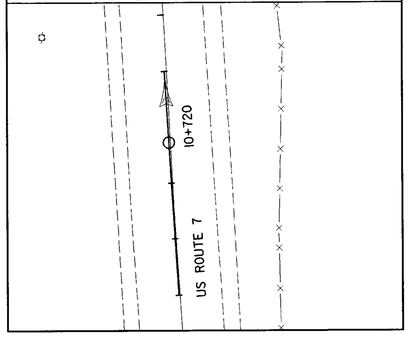
P.I. 10+192.418
N. = 146608.088
E. = 451434.632



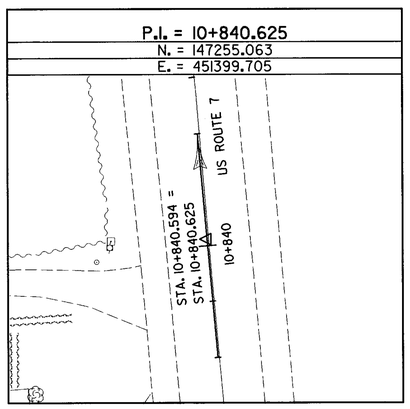
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E. = 451438.602



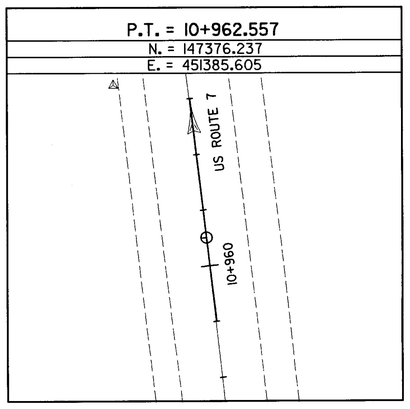
P.C. 10+718.632
N. = 147133.303
E. = 451407.219



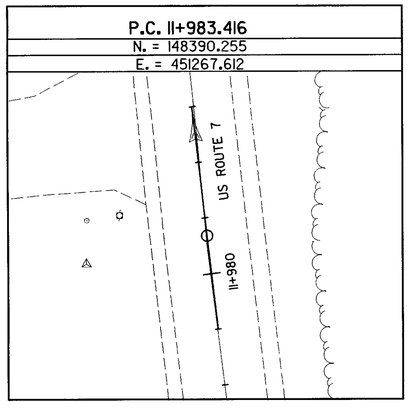
P.I. = 10+840.625
N. = 147255.063
E. = 451399.705



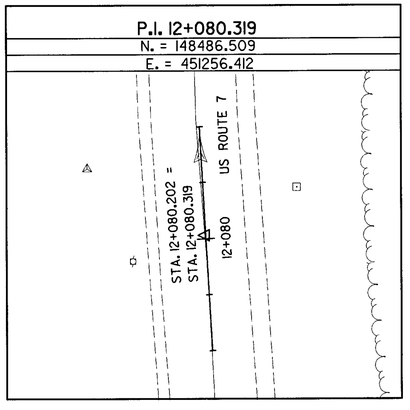
P.T. = 10+962.557
N. = 147376.237
E. = 451385.605



P.C. 11+983.416
N. = 148390.255
E. = 451267.612



P.I. 12+080.319
N. = 148486.509
E. = 451256.412



DATUM

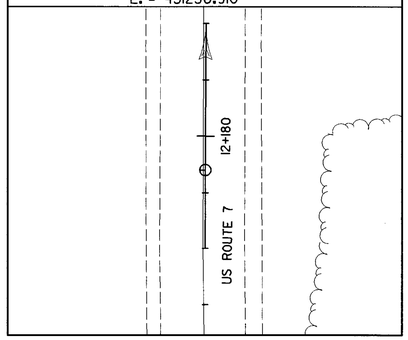
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: d:\out\Brandon-Leicester, VT7\Survey\Sheet\xd05la11.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY:
	SHEET: OF 94

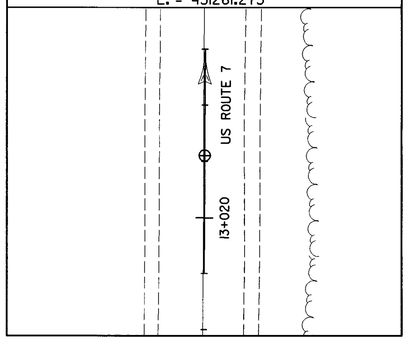
Metric

ALIGNMENT TIES (SEGMENT 1)

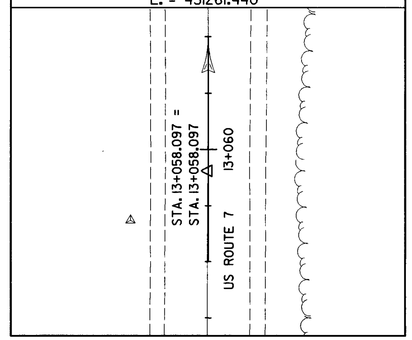
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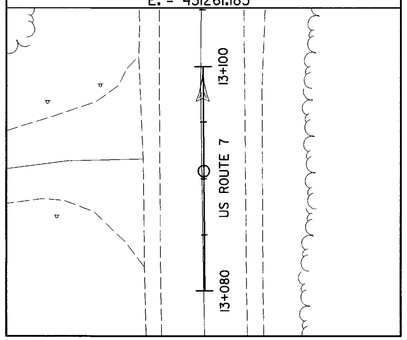
P.C. 13+025.522
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E. = 451261.273



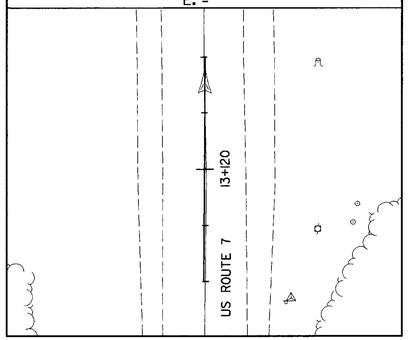
P.I. 13+058.097
N. = 149464.510
E. = 451261.440



P.T. 13+090.671
N. = 149497.084
E. = 451261.183



P.O.T. 13+120.000
N. =
E. =



DATUM

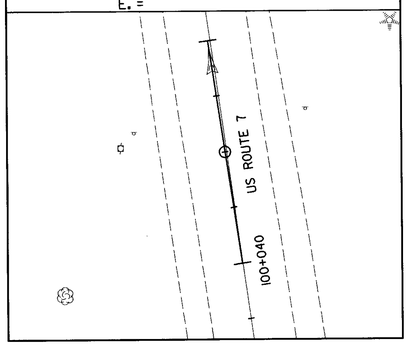
VERTICAL NAVD 88

HORIZONTAL NAD 83

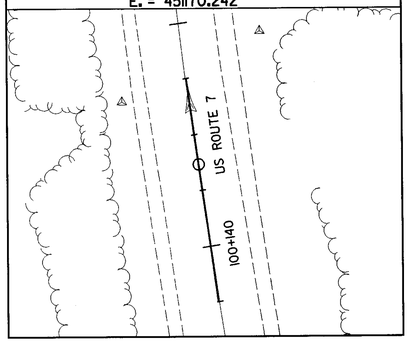
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: d:\out\Brandon-Leicester, VT7\Survey\Sheet\xd05la02.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY:
	SHEET: OF 94

ALIGNMENT TIES (SEGMENT 2)

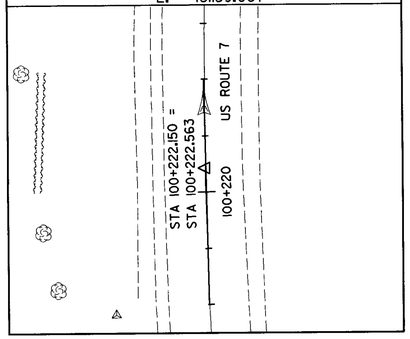
P.O.T. 100+053.000
N. =
E. =



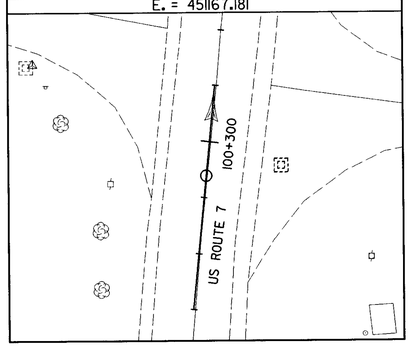
P.C. 100+147.338
N. = 151730.886
E. = 451170.242



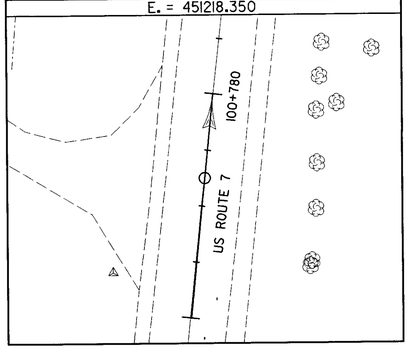
P.I. 100+222.563
N. = 151805.279
E. = 451159.087



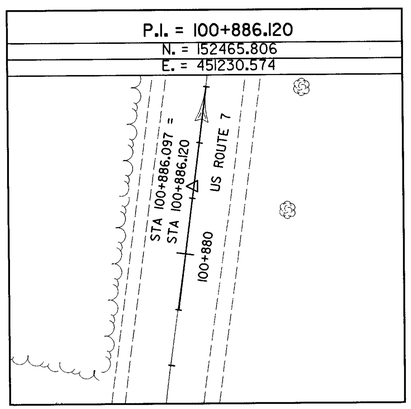
P.T. 100+296.961
N. = 151880.067
E. = 451167.181



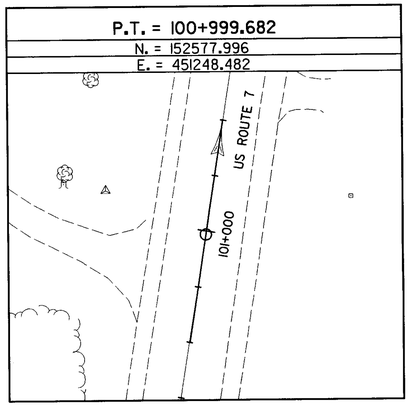
P.C. 100+772.511
N. = 152352.856
E. = 451218.350



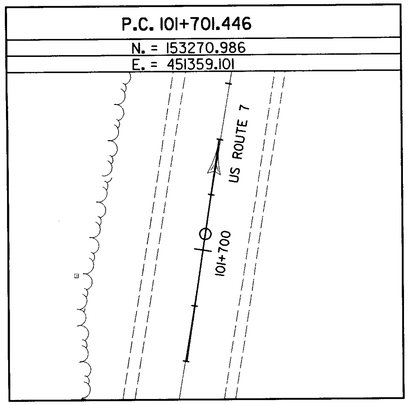
P.I. = 100+886.120
N. = 152465.806
E. = 451230.574



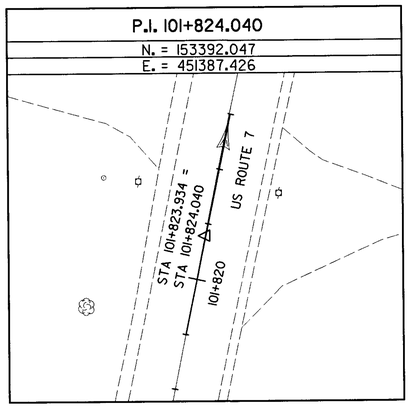
P.T. = 100+999.682
N. = 152577.996
E. = 451248.482



P.C. 101+701.446
N. = 153270.986
E. = 451359.101



P.I. 101+824.040
N. = 153392.047
E. = 451387.426



DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

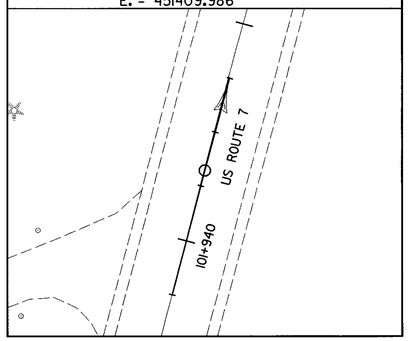
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: d:\out\Brandon-Leicester, VT7\Survey\Sheet\xd05la13.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY:
SHEET: OF 94

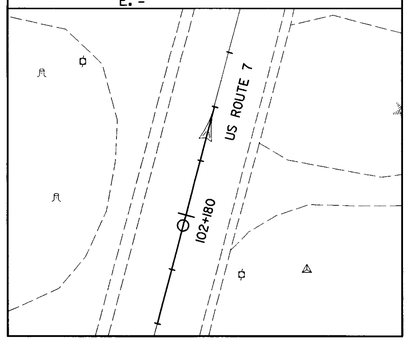
Metric

ALIGNMENT TIES (SEGMENT 2)

P.T. 110+946.421
N. = 153510.509
E. = 451409.986



P.O.E. 102+179.000
N. =
E. =



DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: d:\out\Brandon-Leicester, VT7\Survey\Sheet\xd05la14.dgn

IPARM FILE NAME:

SURVEYED BY: VAOT

SQUAD LEADER: L. ORVIS P.C.

PLOT DATE: 07/19/2002

SURVEY DATE: 06-29-2000

DRAWN BY:

SHEET: OF 94

TYPICAL SECTIONS

GENERAL NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY MASS AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

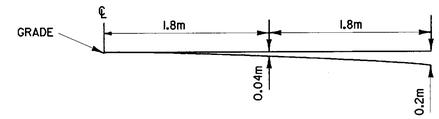
MARKER POSTS: TO BE PLACED AS INDICATED, OR AS DIRECTED BY THE ENGINEER.

SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5M.

PAY LIMITS SAND BORROW: WHEN USED IN CONJUNCTION WITH UNDERDRAIN- SEE STANDARD SHEET D-2M.

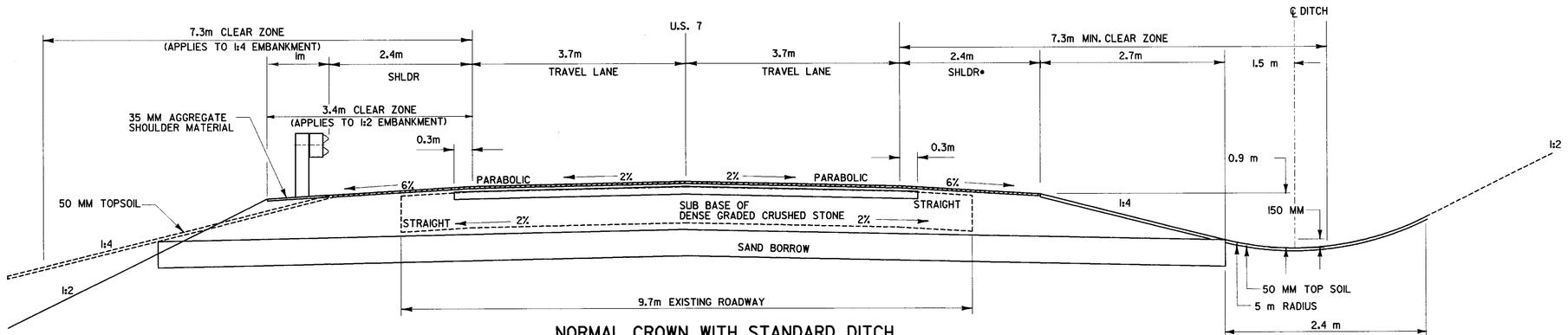
EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.068 L/m² BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.

35 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPE I)
50 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPEII)
130 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPEIII)
600 MM SUBBASE OF DENSE GRADED CRUSHED STONE
450 MM SAND BORROW

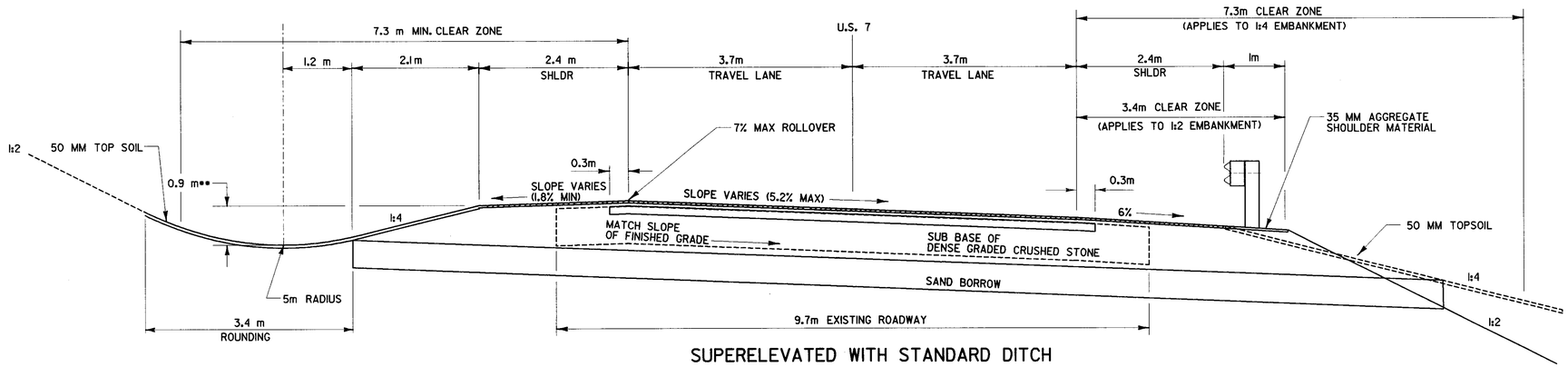


PARABOLIC DETAIL
(NOT TO SCALE)

NOTE:
SUBGRADE SLOPES ARE AT 2.0% BELOW ALL MODIFIED PARABOLICS



NORMAL CROWN WITH STANDARD DITCH
NOT TO SCALE



SUPERELEVATED WITH STANDARD DITCH
NOT TO SCALE

NOTE:

- 1.8 m SHLDR.: STA. 10+030.000 TO STA. 10+170.000
  VERTICAL CURB: STA. 10+060.000 TO STA. 10+195.000.

NOTES :

1. THICKNESS OF ALL COURSES SHOWN ON THE DRAWING ARE COMPACTED THICKNESS.
2. ALL MATERIALS SHALL CONFORM TO VAOT STANDARD SPECIFICATIONS.
3. THE EXISTING ROADWAY CONSISTS ON CONCRETE SLABS THAT HAVE BEEN OVERLAYED WITH BITUMINOUS ASPHALT.
4. THE EXISTING ROADWAY SHALL BE EXCAVATED TO A DEPTH OF 1265 ± OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE ENGINEER.
5. COLD PLANNING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. ALL COLD PLANNED AREAS SHALL BE TACKED WITH EMULSIFIED ASPHALT AS DIRECTED BY THE ENGINEER.
6. BACKING OF 0.9m IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 1.8 METER POST. IF THIS CAN NOT BE OBTAINED THEN 3.6m POSTS WILL BE USED.
7. EMULSIFIED ASPHALT. SHALL BE APPLIED ON ALL EXISTING SURFACES, ON ALL COLD PLANNED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF .068 L./SM. OR AS DIRECTED BY THE ENGINEER.

MATERIAL	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	5 MM
SUB BASE	30 MM
SAND	30 MM

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\zd05ltypsect.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT — PLOT DATE: 07/19/2002
SQUAD LEADER: L. ORVIS P.C. — SURVEY DATE: 06-29-2000
DRAWN BY: V.COMMISSO
SHEET: 2 OF 92

TYPICAL SECTIONS

VAOT Metric

GENERAL NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY MASS AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

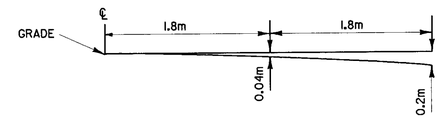
MARKER POSTS: TO BE PLACED AS INDICATED, OR AS DIRECTED BY THE ENGINEER.

SLOPE ROUNDING: ALL CUT SLOPES TO BE ROUNDED IN ACCORDANCE WITH STANDARD SHEET B-5M.

PAY LIMITS SAND BORROW: WHEN USED IN CONJUNCTION WITH UNDERDRAIN- SEE STANDARD SHEET D-2M.

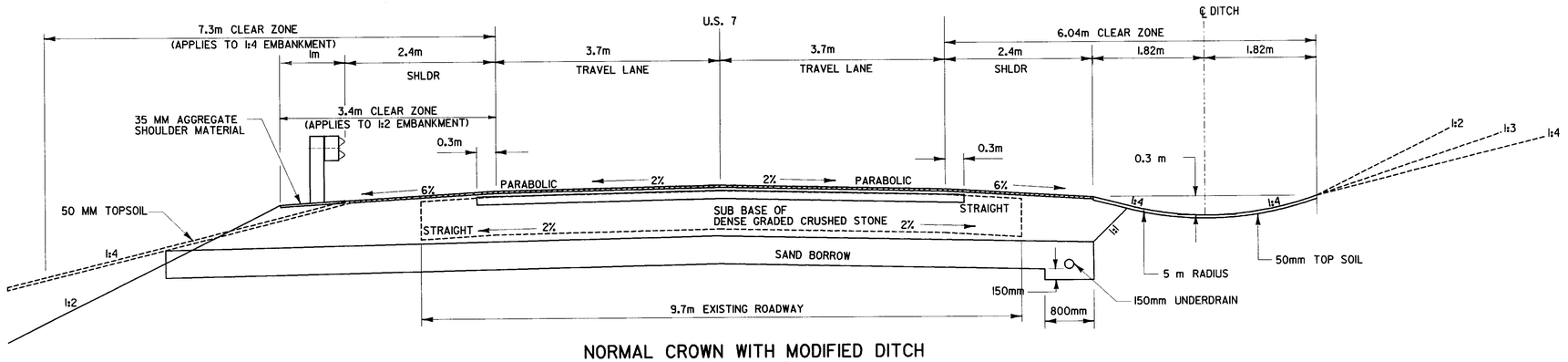
EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.068 L/m² BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.

35 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPE I)
50 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPEII)
130 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPEIII)
600 MM SUBBASE OF DENSE GRADED CRUSHED STONE
450 MM SAND BORROW

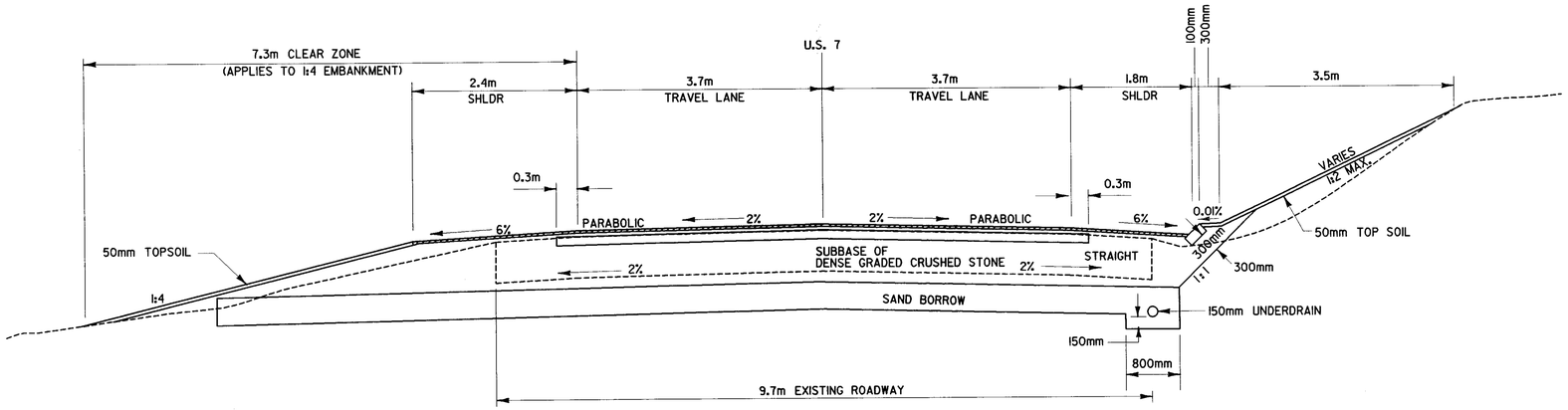


PARABOLIC DETAIL
(NOT TO SCALE)

NOTE: SUBGRADE SLOPES ARE AT 2.0% BELOW ALL MODIFIED PARABOLICS



NORMAL CROWN WITH MODIFIED DITCH
NOT TO SCALE



NORMAL CROWN WITH CURB
NOT TO SCALE

NOTES :

1. THICKNESS OF ALL COURSES SHOWN ON THE DRAWING ARE COMPACTED THICKNESS.
2. ALL MATERIALS SHALL CONFORM TO VAOT STANDARD SPECIFICATIONS.
3. THE EXISTING ROADWAY CONSISTS ON CONCRETE SLABS THAT HAVE BEEN OVERLAYED WITH BITUMINOUS ASPHALT.
4. THE EXISTING ROADWAY SHALL BE EXCAVATED TO A DEPTH OF 1265 ± OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE ENGINEER.
5. COLD PLANNING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. ALL COLD PLANNED AREAS SHALL BE TACKED WITH EMUSIFIED ASPHALT AS DIRECTED BY THE ENGINEER.
6. BACKING OF 0.9m IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 1.8 METER POST. IF THIS CAN NOT BE OBTAINED THEN 3.6m POSTS WILL BE USED.
7. EMULSIFIED ASPHALT. SHALL BE APPLIED ON ALL EXISTING SURFACES, ON ALL COLD PLANNED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF .068 l./SM. OR AS DIRECTED BY THE ENGINEER.

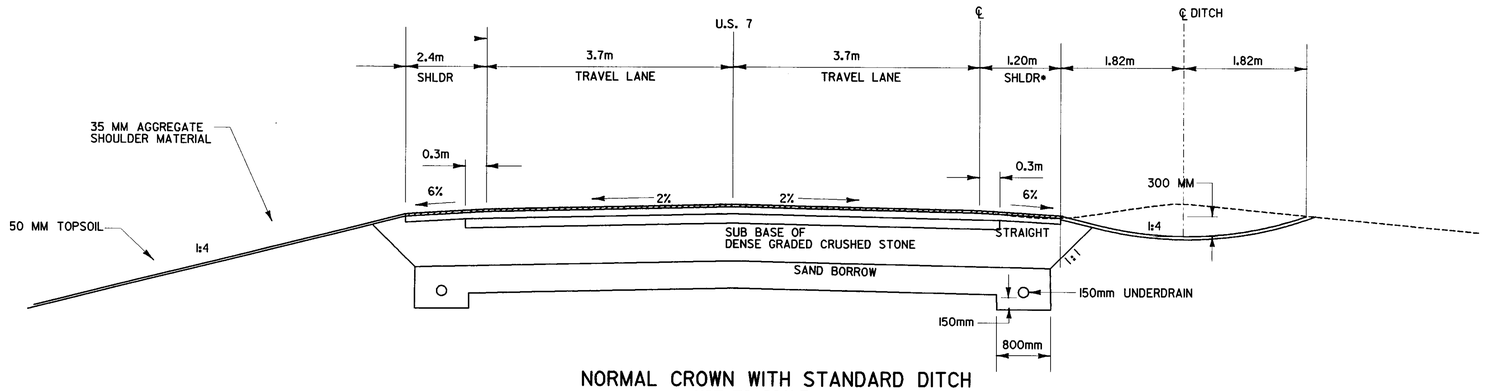
MATERIAL	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	5 MM
SUB BASE	30 MM
SAND	30 MM

DATUM

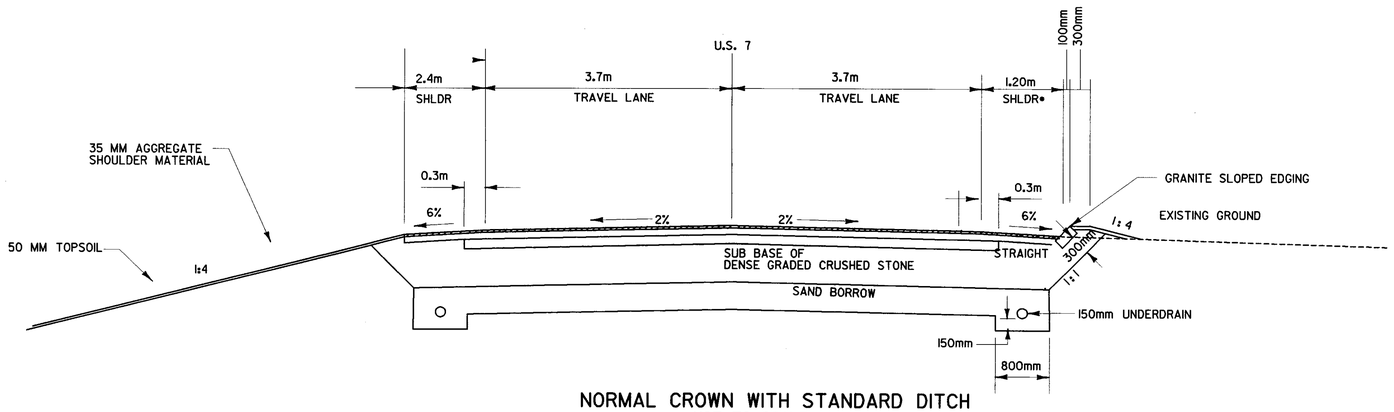
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER
PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\zd05ltypsect2.dgn
IPARM FILE NAME:
PLOT DATE: 07/19/2002
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: V.COMMISSO
SHEET: 2 OF 92

SIDE ROAD TYPICAL SECTIONS



NORMAL CROWN WITH STANDARD DITCH
NOT TO SCALE



NORMAL CROWN WITH STANDARD DITCH
NOT TO SCALE

NOTES:

- • SHOULDER WIDTH VARIES FROM 1.20m AT STATION 32+040 TO 0.00m AT STATION 32+060.
- •• TRAVEL LANE WIDTH VARIES FROM 3.6m AT STATION 32+040 TO 3.00m AT STATION 32+060.
- ++ GRANITE SLOPED EDGING FROM STATION 32+010 RIGHT TO STATION 32+090 RIGHT AND FROM STATION 32+008 LEFT TO 32+036 LEFT.

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\zd05ltypsectsr.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: V.COMMISSO
SHEET: 2 OF 92

p:\Civil\Sheet\Cross sections & details\zd05ltypsectsr.dgn

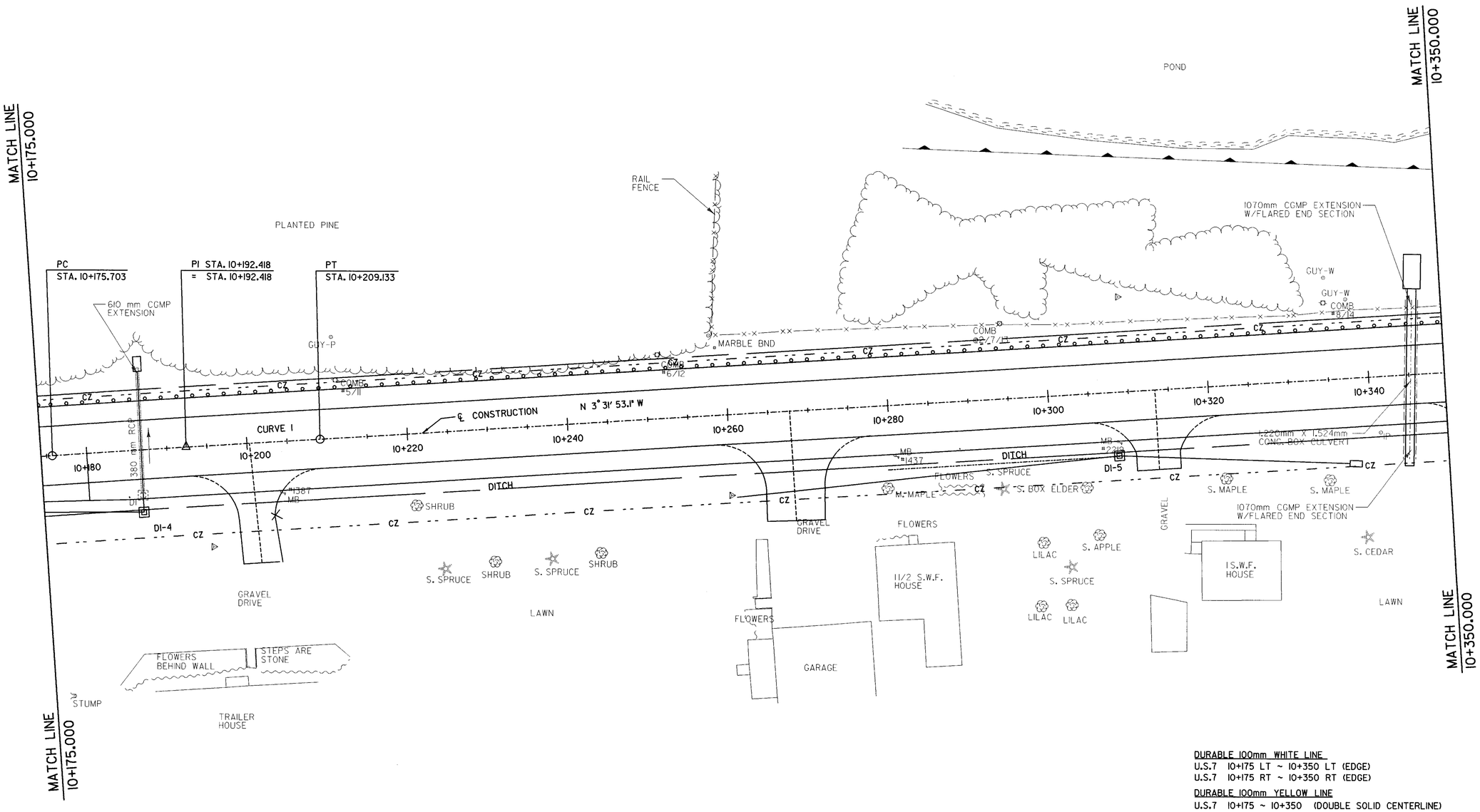
CONSTRUCTION NOTES:

1. BEGIN 2.4m SHOULDER - STA. 10+185.000 RT.
2. GRANITE SLOPE EDGING - STA. 10+175.000 RT. STA. 10+193.500 RT.

N

VT STATE PLANE GRID

VAOT Metric



DURABLE 100mm WHITE LINE
U.S.7 10+175 LT ~ 10+350 LT (EDGE)
U.S.7 10+175 RT ~ 10+350 RT (EDGE)

DURABLE 100mm YELLOW LINE
U.S.7 10+175 ~ 10+350 (DOUBLE SOLID CENTERLINE)

CURVE #1 DATA:
Δ = 0°22'59.1" RT
R = 5000
T = 16.715
L = 33.430
E = 0.028
BANK = NC

CONSTRUCT DRIVE

LT.	RT.
•	10+200.4
	10+270.2
	10+313.4

0 10 20 30
SCALE 1:50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls4.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: R. ROSS
SHEET: 4 OF 92

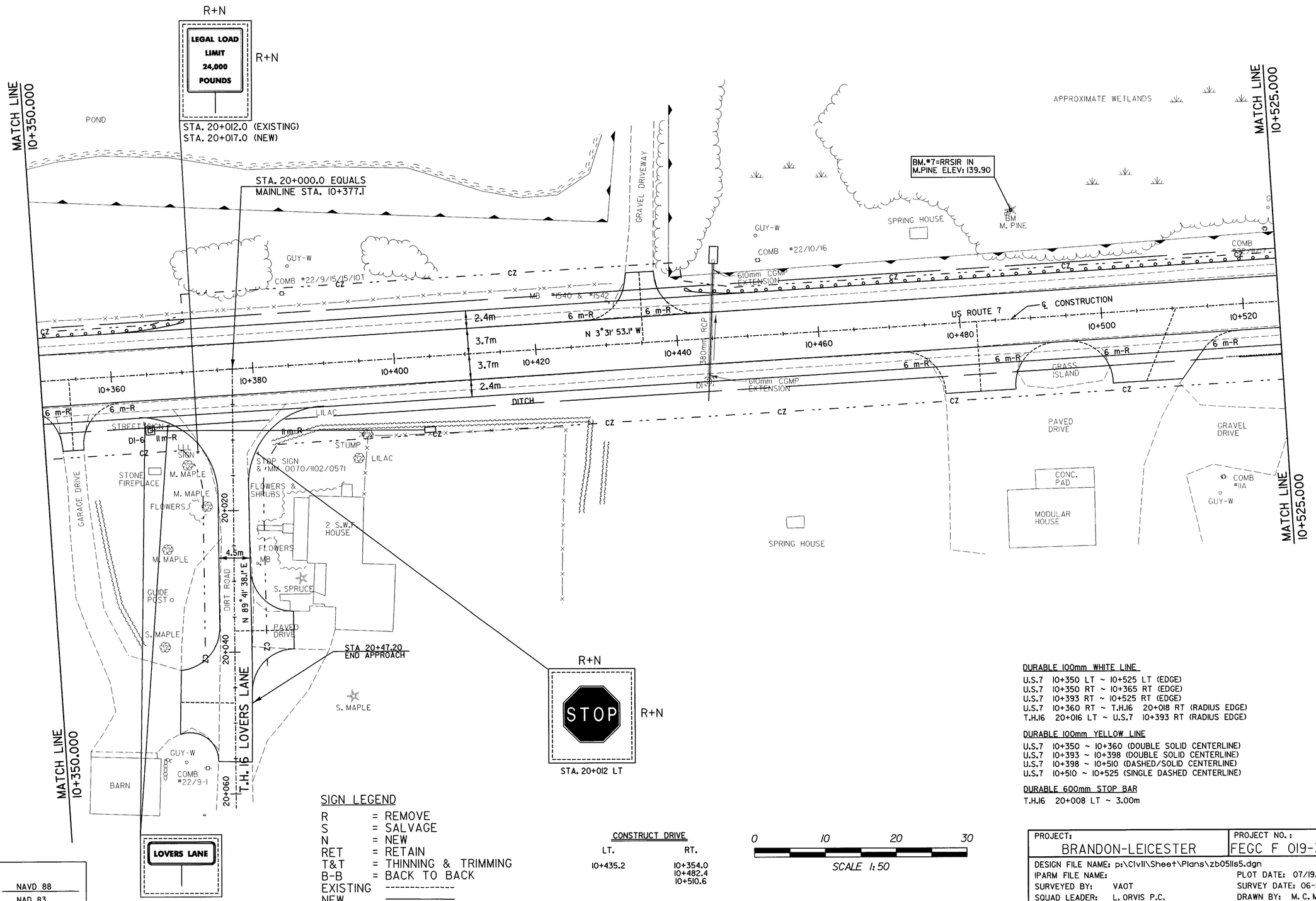
CONSTRUCTION NOTES:

1. WBEAM GUIDERAIL AT STA. 10+441 LT. TO STA. 10+571 LT.

N

VT STATE PLANE GRID

VAOT Metric



SIGN LEGEND

R	= REMOVE
S	= SALVAGE
N	= NEW
RET	= RETAIN
T&T	= THINNING & TRIMMING
B-B	= BACK TO BACK
EXISTING	----------
NEW	————

CONSTRUCT DRIVE

LT.	RT.
10+435.2	10+354.0 10+482.4 10+510.6

0 10 20 30

SCALE 1:50

DURABLE 100mm WHITE LINE

U.S.7 10+350 LT ~ 10+525 LT (EDGE)
U.S.7 10+350 RT ~ 10+365 RT (EDGE)
U.S.7 10+393 RT ~ 10+525 RT (EDGE)
U.S.7 10+360 RT ~ T.H.16 20+018 RT (RADIUS EDGE)
T.H.16 20+016 LT ~ U.S.7 10+393 RT (RADIUS EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 10+350 ~ 10+360 (DOUBLE SOLID CENTERLINE)
U.S.7 10+393 ~ 10+398 (DOUBLE SOLID CENTERLINE)
U.S.7 10+398 ~ 10+510 (DASHED/SOLID CENTERLINE)
U.S.7 10+510 ~ 10+525 (SINGLE DASHED CENTERLINE)

DURABLE 600mm STOP BAR

T.H.16 20+008 LT ~ 3.00m

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls5.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: M. C. McINTOSH
	SHEET: 5 OF 92

VT STATE PLANE GRID

N

MATCH LINE 10+525.000

MATCH LINE 10+700.000

APPROXIMATE WETLANDS

UY-W

COMB #18/22

COMB #19/13

CZ

2.4m

3.7m

3.7m

2.4m

US ROUTE 7

℄ CONSTRUCTION

N 3° 31' 53.1" W

10+540

10+560

10+580

10+600

10+620

10+640

10+660

10+680

10+700

450 mm PVC

GUIDE POST

DL

DITCH

LILAC

BND 6X6 MARBLE

STONE WALL

APPROXIMATE WETLANDS

SIGN
WARNING (TRUCKS ENTERING)
MM"0070/1102/0580

R+N

TRUCKS ENTERING

R+N

STA. 10+533 RT.

SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING		----------
NEW		————

DURABLE 100mm WHITE LINE
U.S.7 10+525 LT ~ 10+700 LT (EDGE)
U.S.7 10+525 RT ~ 10+700 RT (EDGE)

DURABLE 100mm YELLOW LINE
U.S.7 10+525 ~ 10+690 (SINGLE DASHED CENTERLINE)
U.S.7 10+690 ~ 10+700 (DASHED/SOLID CENTERLINE)

0 10 20 30

SCALE 1:50

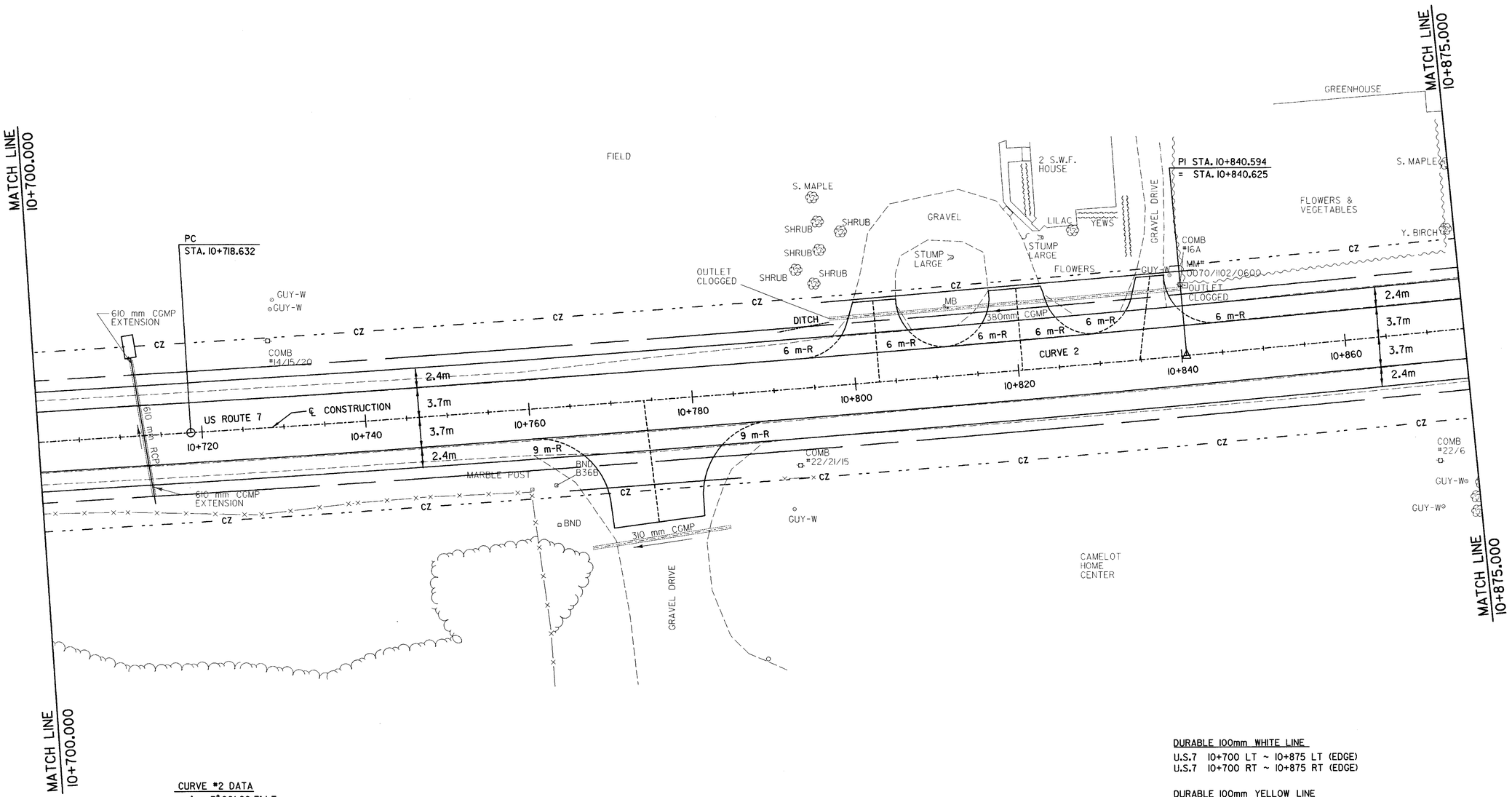
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls6.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: M. C. McINTOSH
	SHEET: 6 OF 92

VT STATE PLANE GRID

N

VAOT Metric



CURVE #2 DATA
△ = 3° 06' 20.7" LT
R = 4500
T = 121.992
L = 243.924
E = 1.653
BANK = NC

DURABLE 100mm WHITE LINE
U.S.7 10+700 LT ~ 10+875 LT (EDGE)
U.S.7 10+700 RT ~ 10+875 RT (EDGE)

DURABLE 100mm YELLOW LINE
U.S.7 10+700 ~ 10+875 (DASHED/SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
10+803.0	10+774.2
10+820.6	
10+834.8	

0 10 20 30
SCALE 1:50

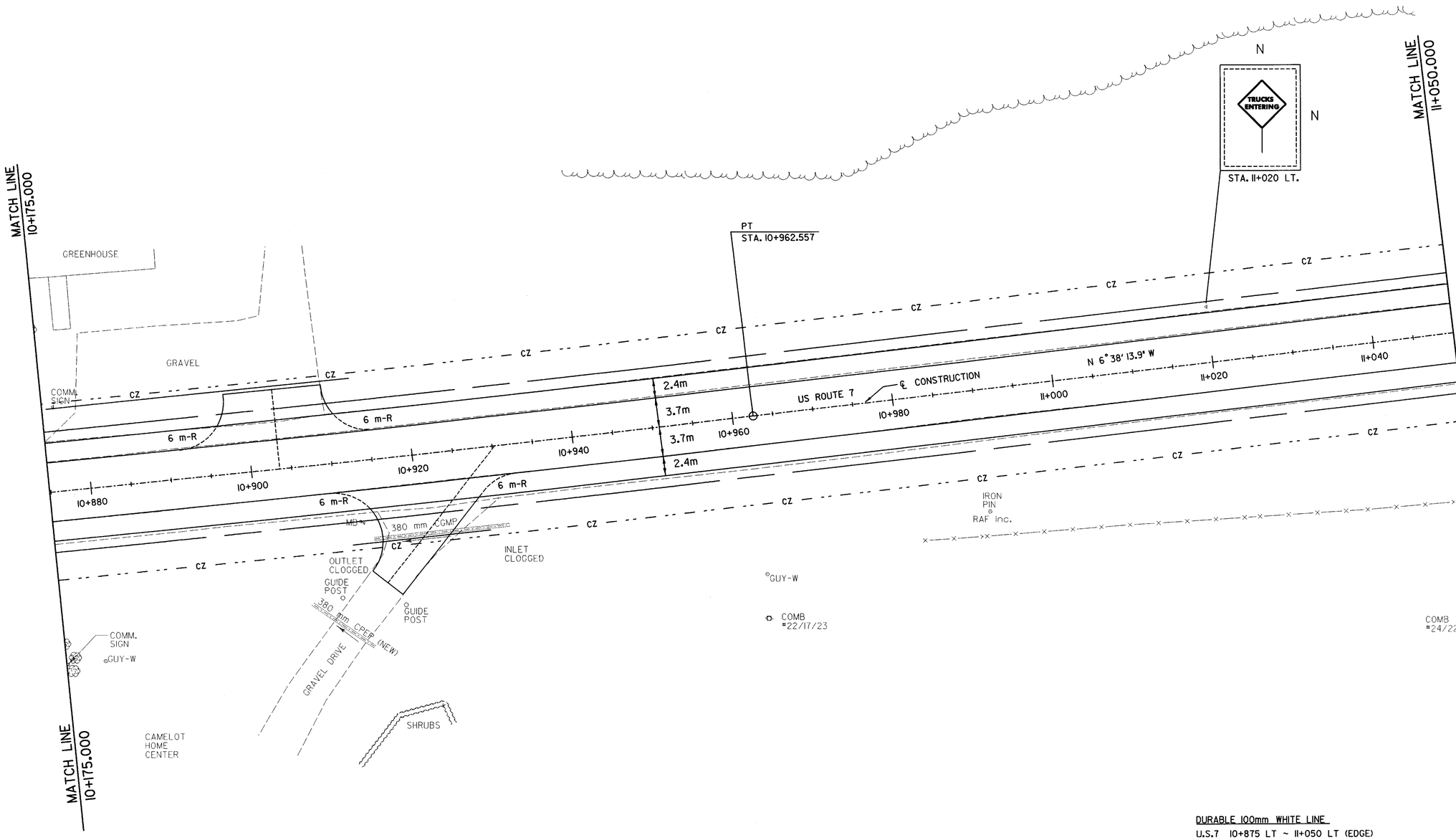
DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls7.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: A. N. BEY
SHEET: 7 OF 92

VT STATE PLANE GRID N

VAOT Metric



SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING	=	----------
NEW	=	————

CONSTRUCT DRIVE

LT.	RT.
10+906.0	10+930.4

0 10 20 30

SCALE 1:50

DURABLE 100mm WHITE LINE

U.S.7 10+875 LT ~ 11+050 LT (EDGE)
U.S.7 10+175 RT ~ 11+050 RT (EDGE)

DURABLE 100mm YELLOW LINE

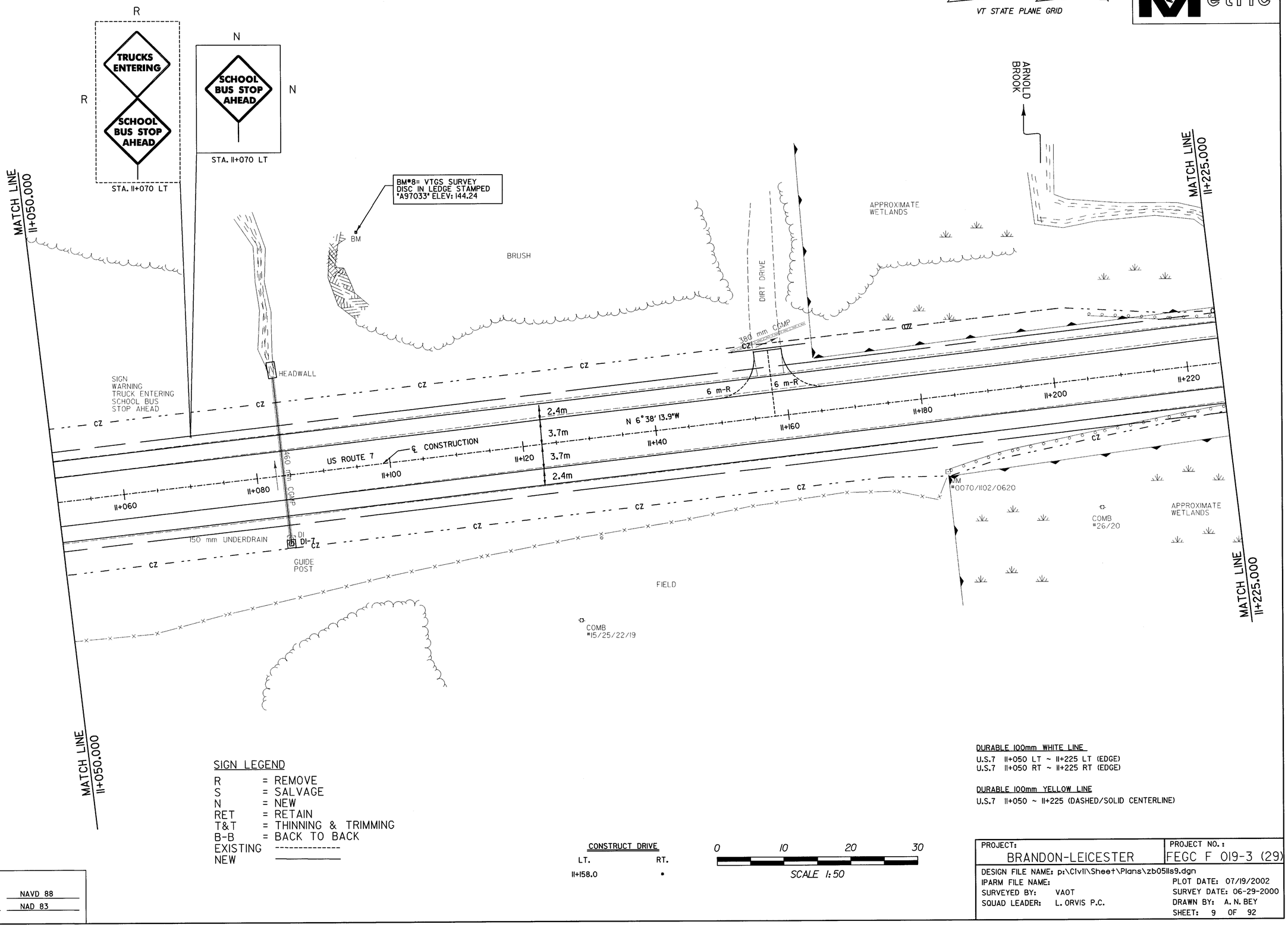
U.S.7 10+175 ~ 10+906 (DASHED/SOLID CENTERLINE)
U.S.7 10+906 ~ 11+040 (DOUBLE SOLID CENTERLINE)
U.S.7 10+040 ~ 11+050 (DASHED/SOLID CENTERLINE)

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls8.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: A. N. BEY
SHEET: 8 OF 92



SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING	=	----------
NEW	=	————

CONSTRUCT DRIVE

LT.	RT.
11+158.0	•

0 10 20 30

SCALE 1:50

DURABLE 100mm WHITE LINE

U.S.7 11+050 LT ~ 11+225 LT (EDGE)
U.S.7 11+050 RT ~ 11+225 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 11+050 ~ 11+225 (DASHED/SOLID CENTERLINE)

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

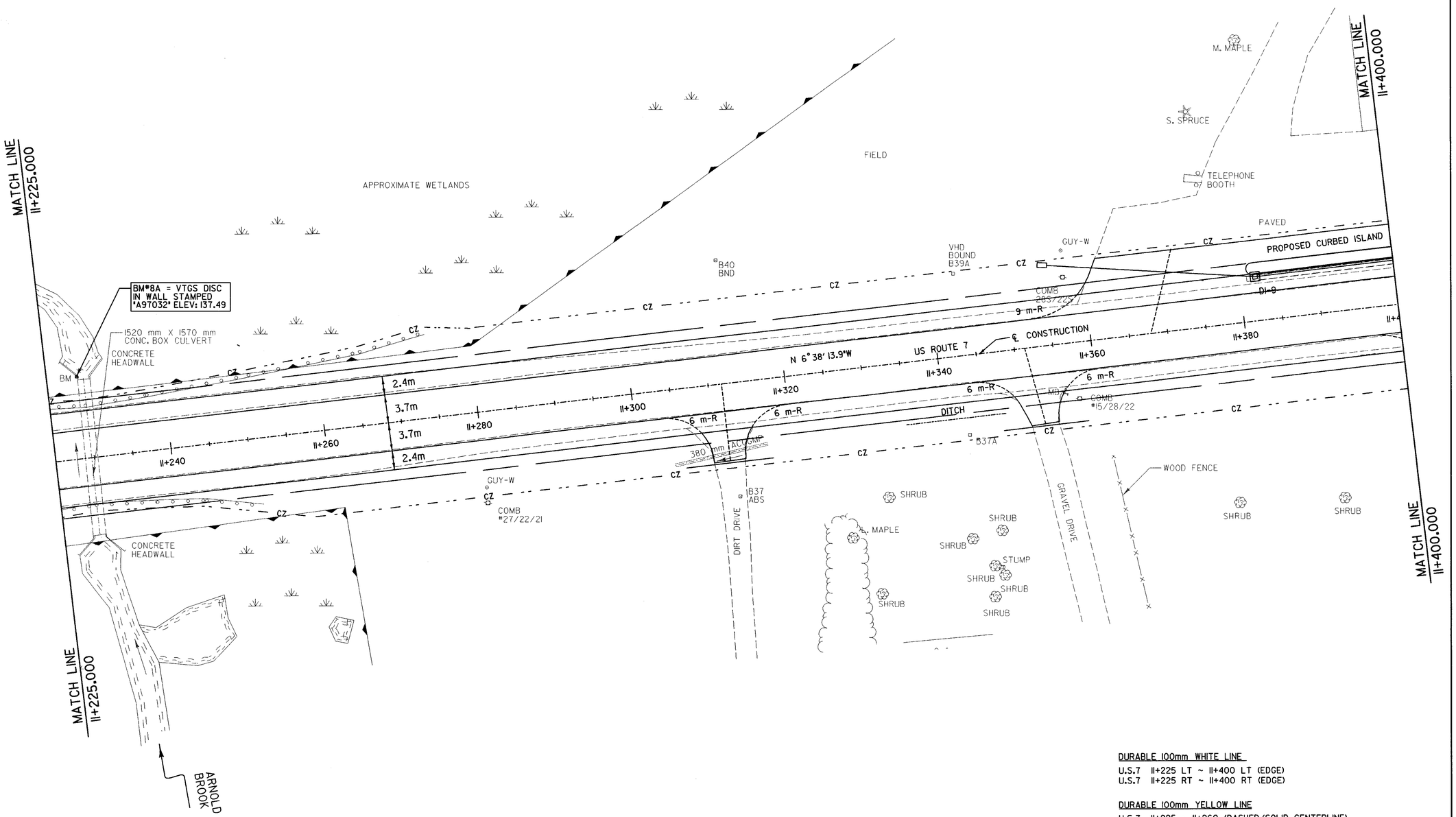
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls9.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: A. N. BEY
SHEET: 9 OF 92

VT STATE PLANE GRID

N

VAOT Metric



DURABLE 100mm WHITE LINE

U.S.7 11+225 LT ~ 11+400 LT (EDGE)
U.S.7 11+225 RT ~ 11+400 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 11+225 ~ 11+260 (DASHED/SOLID CENTERLINE)
U.S.7 11+260 ~ 11+400 (SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
•	11+311.7
	11+351.3

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

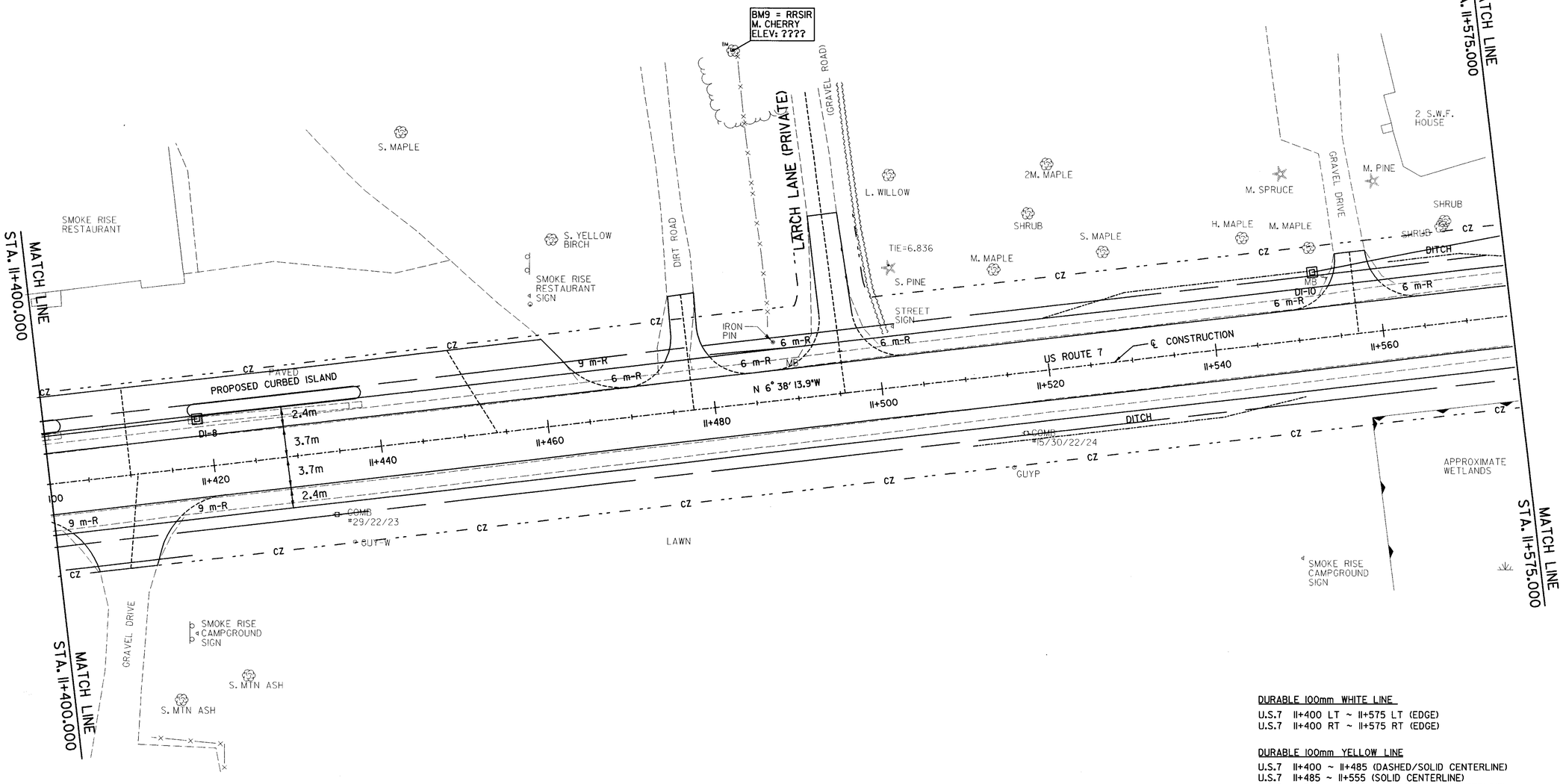
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05ils10.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT — SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C. — DRAWN BY: M.C. McINTOSH
PLOT DATE: 07/19/2002
SHEET: 10 OF 92

VT STATE PLANE GRID

N

VAOT Metric



DURABLE 100mm WHITE LINE

U.S.7 II+400 LT ~ II+575 LT (EDGE)
U.S.7 II+400 RT ~ II+575 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 II+400 ~ II+485 (DASHED/SOLID CENTERLINE)
U.S.7 II+485 ~ II+555 (SOLID CENTERLINE)
U.S.7 II+555 ~ II+575 (DASHED/SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
II+635.4 II+710.0	•

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

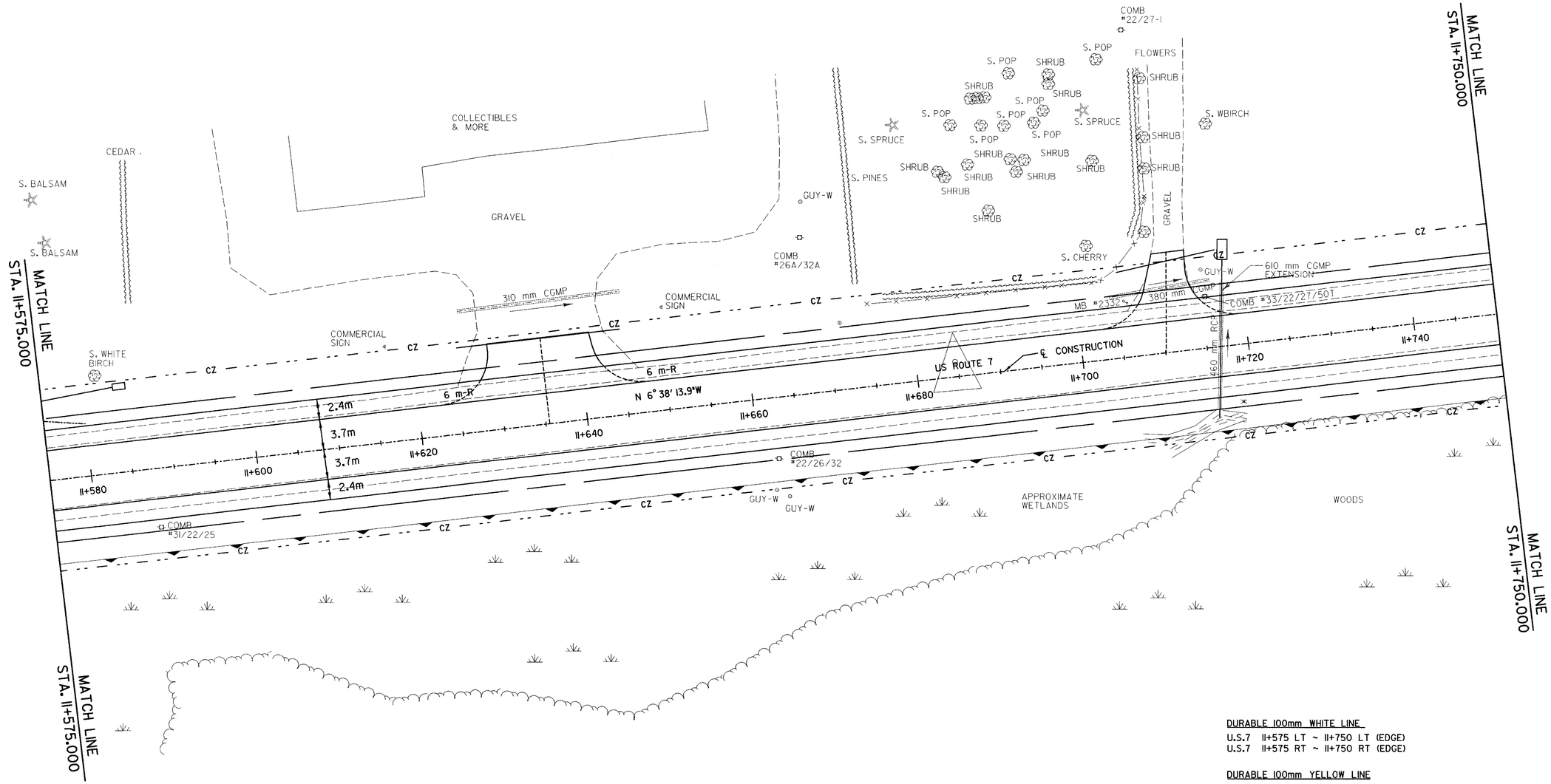
PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05IIsII.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: II OF 92

VT STATE PLANE GRID

N

VAOT Metric



DURABLE 100mm WHITE LINE

U.S.7 11+575 LT ~ 11+750 LT (EDGE)
U.S.7 11+575 RT ~ 11+750 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 11+575 ~ 11+750 (DASHED/SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
11+635.4 11+710.0	•

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05l1sl2.dgn
IPARM FILE NAME:
PLOT DATE: 07/19/2002
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: M. C. McINTOSH
SHEET: 12 OF 92

VT STATE PLANE GRID

N

MATCH LINE
STA. 11+750.000

MATCH LINE
STA. 11+925.000

PASTURE

UNDERGROUND
TELEPHONE BELL
ATLANTIC

COMB
#22/28/34

MM
0070/1102/0660

GUY-W

COMB
#29/15/35

CZ

2.4m
3.7m
3.7m
2.4m

US ROUTE 7

℄ CONSTRUCTION

N 6° 38' 13.9"W

11+760
11+780
11+800
11+820
11+840
11+860
11+880
11+900
11+920

M. PINE
M. POP
M. PINE

BM #10=RRSIR
IN M. PINE
ELEV: 139.29

WALL

APPROXIMATE
WETLANDS

APPROXIMATE
WETLANDS

APPROXIMATE
WETLANDS

WOODS

MATCH LINE
STA. 11+750.000

MATCH LINE
STA. 11+925.000

DURABLE 100mm WHITE LINE

U.S.7 11+750 LT ~ 11+925 LT (EDGE)
U.S.7 11+750 RT ~ 11+925 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 11+750 ~ 11+765 (DASHED/SOLID CENTERLINE)
U.S.7 11+765 ~ 11+870 (SINGLE DASHED CENTERLINE)
U.S.7 11+870 ~ 11+925 (DASHED/SOLID CENTERLINE)

0 10 20 30

SCALE 1:50

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

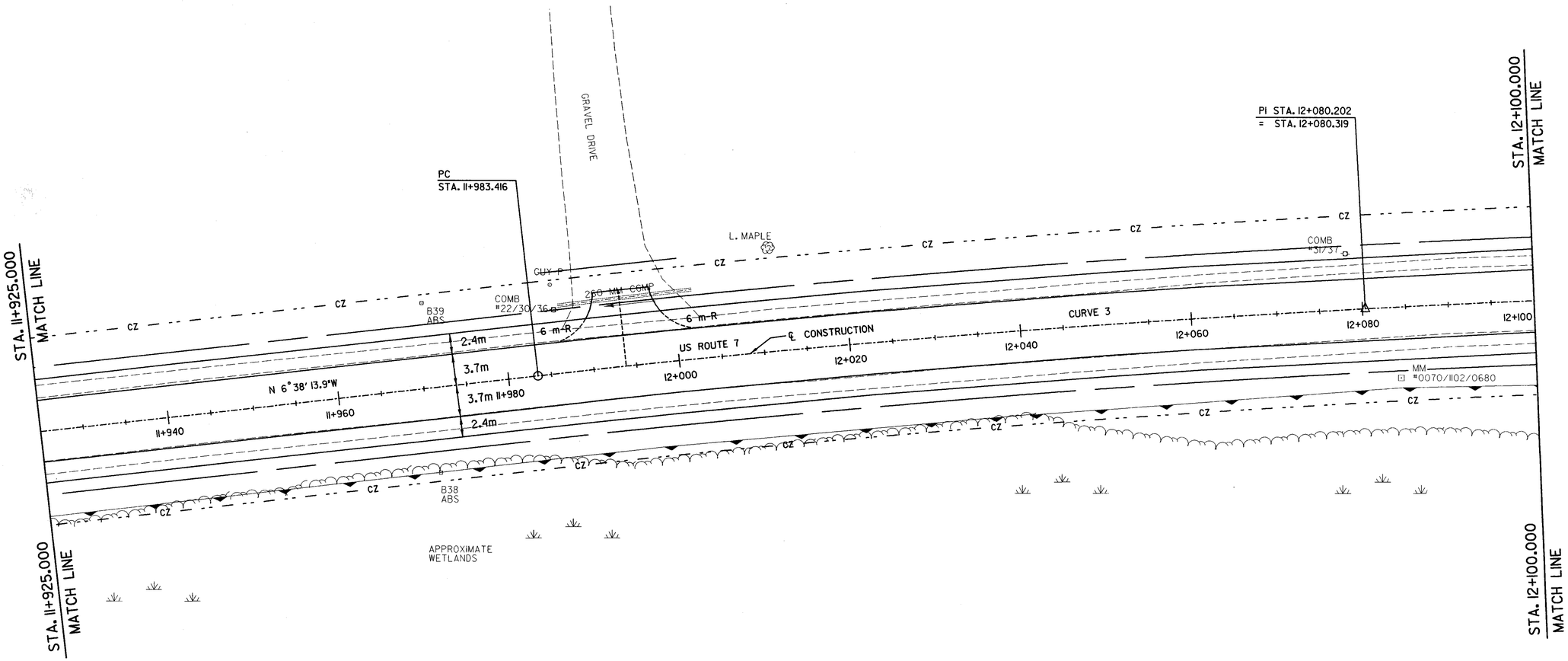
DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 13 OF 92

VT STATE PLANE GRID

N

VAOT Metric



DURABLE 100mm WHITE LINE

U.S.7 11+925 LT ~ 12+100 LT (EDGE)
U.S.7 11+925 RT ~ 12+100 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 11+925 ~ 12+060 (DASHED/SOLID CENTERLINE)
U.S.7 12+060 ~ 12+100 (SINGLE DASHED CENTERLINE)

CURVE #3 DATA

△ =6° 55' 54.3" LT
R =1600
T =96.904
L =193.571
E =2.932
BANK =2%

CONSTRUCT DRIVE

LT.	RT.
11+993.7	•

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

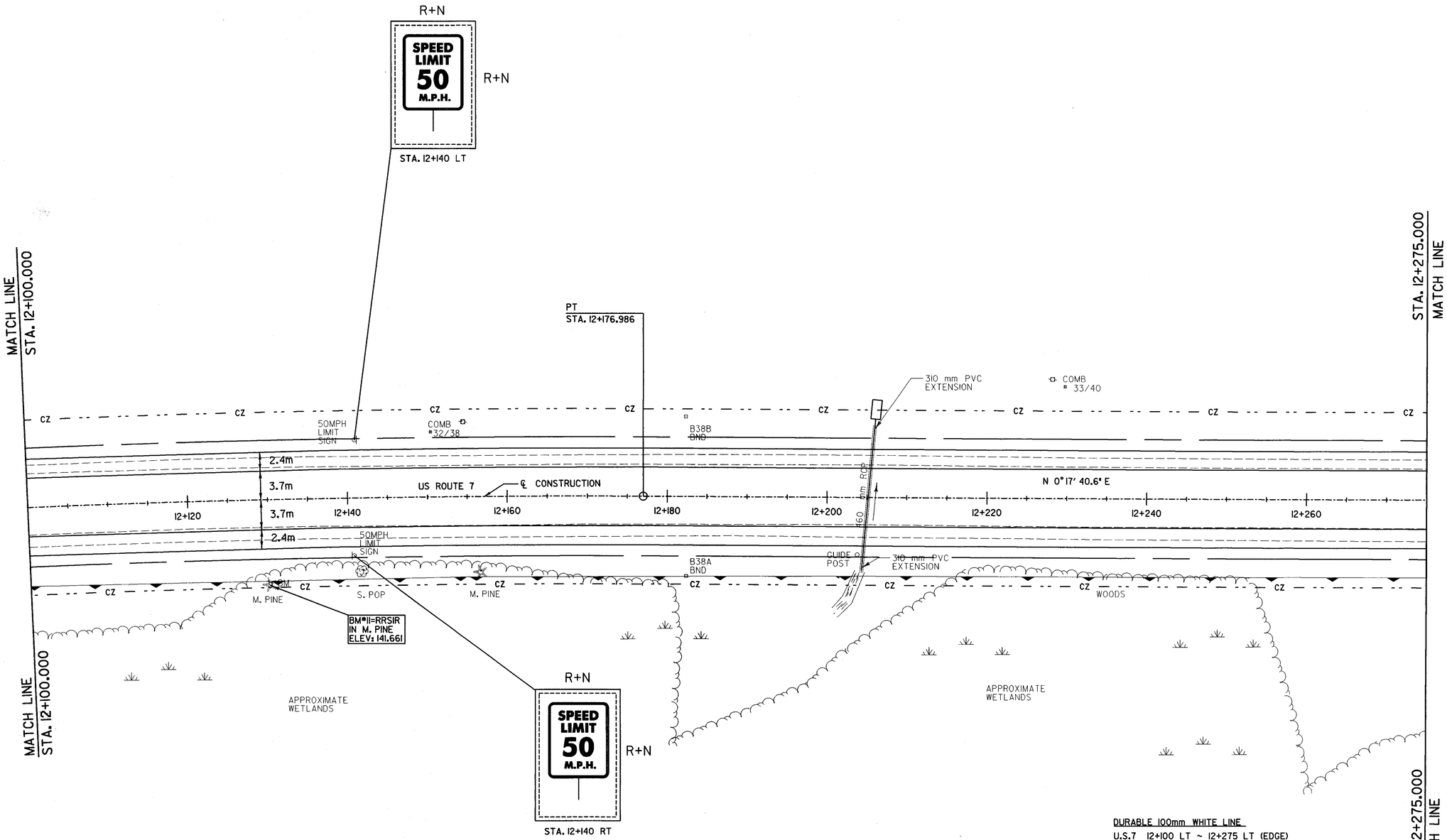
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls14.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 14 OF 92

N

VT STATE PLANE GRID

Metric



DURABLE 100mm WHITE LINE

U.S.7 12+100 LT ~ 12+275 LT (EDGE)
U.S.7 12+100 RT ~ 12+275 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 12+100 ~ 12+110 (SINGLE DASHED CENTERLINE)
U.S.7 12+110 ~ 12+265 (DASHED/SINGLE CENTERLINE)
U.S.7 12+265 ~ 12+275 (DOUBLE SOLID CENTERLINE)

SIGN LEGEND

R	= REMOVE
S	= SALVAGE
N	= NEW
RET	= RETAIN
T&T	= THINNING & TRIMMING
B-B	= BACK TO BACK
EXISTING	----------
NEW	_____

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05115l5.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: M. C. McINTOSH
	SHEET: 15 OF 92

VT STATE PLANE GRID

N

VAOT Metric

STA. 12+275.000
MATCH LINE

STA. 12+450.000
MATCH LINE

BARBED WIRE FENCE

GUY-W

COMB #34/41

U.G.T. MARKER

APPROXIMATE WETLANDS

CONCRETE HEADWALL

460 mm RCP

MM #0070/1102/0700

WOODEN WALL

GARAGE

DIRT DRIVE

M. LOCUST

GUY-W

HEDGE

DITCH

INLET #22/36A/8½

6 m-R

6 m-R

2.4m

3.7m

US ROUTE 7

℄ CONSTRUCTION

N 0° 17' 40.6" E

3.7m

2.4m

12+280

12+300

12+320

12+340

12+360

12+380

12+400

12+420

12+440

6 m-R

6 m-R

760 mm CGMP

DITCH

CZ

COMB #35/42

GUY-W

FIELD

DIRT DRIVE

RAIL FENCE

APPROXIMATE WETLANDS

STA. 12+275.000
MATCH LINE

STA. 12+450.000
MATCH LINE

DURABLE 100mm WHITE LINE

U.S.7 12+275 LT ~ 12+450 LT (EDGE)
U.S.7 12+275 RT ~ 12+450 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 12+275 ~ 12+330 (DOUBLE SOLID CENTERLINE)
U.S.7 12+330 ~ 12+450 (DASHED/SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
12+435.3	12+312.7

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05115sl6.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 16 OF 92

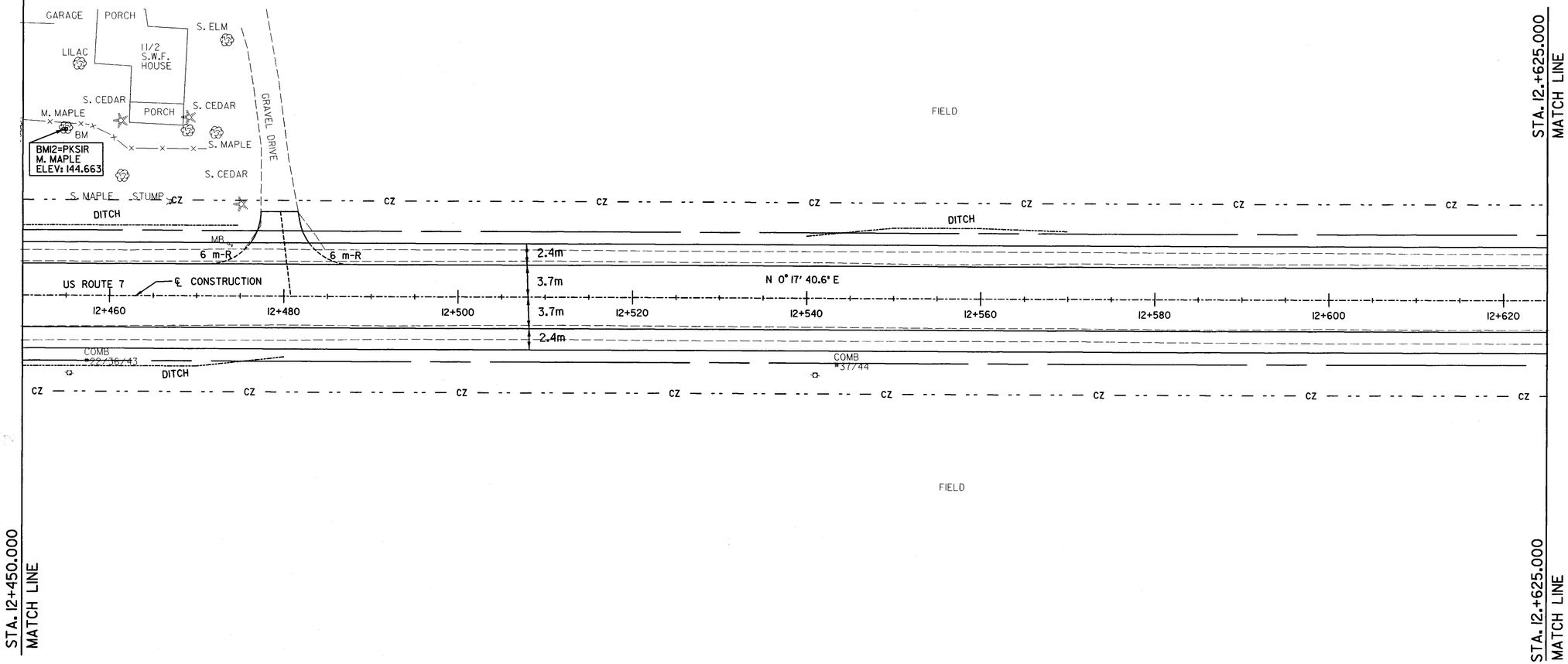
VT STATE PLANE GRID

N

VTrans Metric

STA. 12+450.000
MATCH LINE

STA. 12.+625.000
MATCH LINE



STA. 12+450.000
MATCH LINE

STA. 12.+625.000
MATCH LINE

DURABLE 100mm WHITE LINE

U.S.7 12+450 LT ~ 12+625 LT (EDGE)
U.S.7 12+450 RT ~ 12+625 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 12+450 ~ 12+466 (DASHED/SOLID CENTERLINE)
U.S.7 12+466 ~ 12+514 (SINGLE DASHED CENTERLINE)
U.S.7 12+514 ~ 12+625 (DASHED/SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
12+481.0	•

0 10 20 30

SCALE 1:50

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05ilsl7.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 17 OF 92

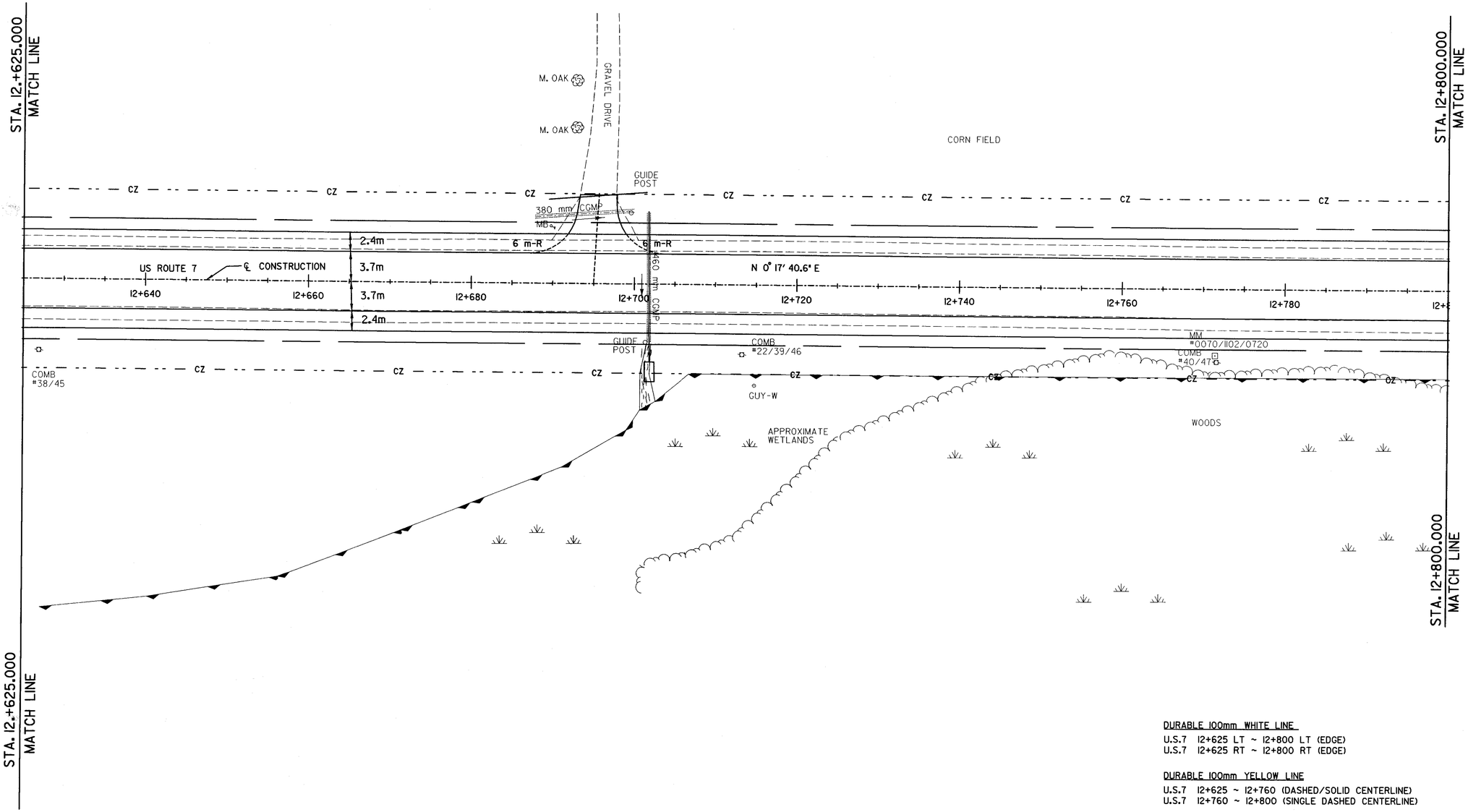
VAOT Metric

N

VT STATE PLANE GRID

STA. 12.+625.000
MATCH LINE

STA. 12+800.000
MATCH LINE



STA. 12.+625.000
MATCH LINE

STA. 12+800.000
MATCH LINE

DURABLE 100mm WHITE LINE

U.S.7 12+625 LT ~ 12+800 LT (EDGE)
U.S.7 12+625 RT ~ 12+800 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 12+625 ~ 12+760 (DASHED/SOLID CENTERLINE)
U.S.7 12+760 ~ 12+800 (SINGLE DASHED CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
12+695.0	•

0 10 20 30

SCALE 1:50

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05118sl8.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 18 OF 92

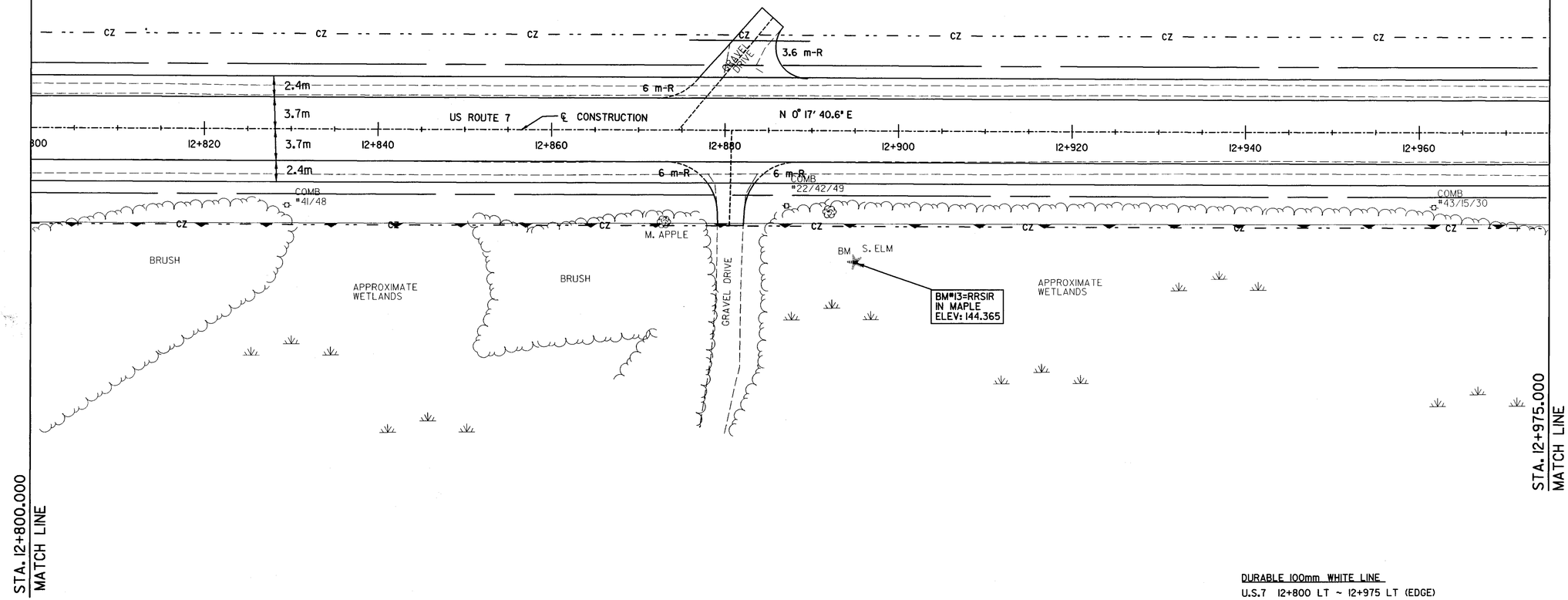
VAOT Metric

N

VT STATE PLANE GRID

STA. 12+800.000
MATCH LINE

STA. 12+975.000
MATCH LINE



STA. 12+800.000
MATCH LINE

STA. 12+975.000
MATCH LINE

DURABLE 100mm WHITE LINE

U.S.7 12+800 LT ~ 12+975 LT (EDGE)
U.S.7 12+800 RT ~ 12+975 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 12+800 ~ 12+961 (SINGLE DASHED CENTERLINE)
U.S.7 12+961 ~ 12+975 (DASHED/SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
12+874.6	12+880.8

0 10 20 30

SCALE IN METERS

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05115l9.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: W. S. MCINTOSH
SHEET: 19 OF 92

VT STATE PLANE GRID

N

VTrans Metric

S
R+N
TOWN LINE DR.
GROVE ST.
STA. 24+013 LT

R+N
STOP
STA. 24+016

R+N
NO OUTLET
STA. 24+013 RT

COUNTY LINE

US ROUTE 7
TO LEICESTER 4 CORNERS
2.112 km.

R+N
LEGAL LOAD LIMIT 24,000 POUNDS
R+N
STA. 24+009 RT

STA. 12+975.000
MATCH LINE

PC
STA. 13+025.522

PI STA. 13+058.097
= STA. 13+058.097

24+052
S 70° 45' 54.9" W
24+040
GROVE STREET (DIRT ROAD)
24+020
5.5m

END APPROACH
STA. 24+021.50
PT
STA. 13+090.671

STOP PROJECT
FEGC F 019-3 (29) STA. 13+120

CZ
SIGN STOP MM
380 mm
OMF
NO OUTLET SIGN
STREET SIGN
II m-R
LLL SIGN
380
MD

2.4m
3.7m
3.7m
2.4m

N 0° 17' 40.6" E
CURVE 4
US ROUTE 7
℄ CONSTRUCTION
N 0° 27' 07.1" W

12+980
13+000
13+020
13+040
13+060
13+080
13+100
13+120
13+140
13+160

SIGN BRANDON LEICESTER
MM #0070/0109/0000
COMB #22/45/52
MEDIUM STUMP
GUY-W
STUMP
MB
PAVED DRIVE

COMB #44/51

APPROXIMATE WETLANDS

SEE SHEET 21
FOR CONTINUATION OF PROJECT

STA 24+00.0 EQUALS
MAINLINE STA 13+097.7

RUTLAND COUNTY
TOWN OF BRANDON
COUNTY LINE
ADDISON COUNTY
TOWN OF LEICESTER

R+N
LEICESTER | BRANDON
ADDISON CO. | RUTLAND CO.
R+N

DURABLE 100mm WHITE LINE
U.S.7 12+975 LT ~ 13+076 LT (EDGE)
U.S.7 13+076 LT ~ T.H.87 24+021.5 RT (RADIUS EDGE)
T.H.87 24+021.5 LT ~ U.S.7 13+110 RT (RADIUS EDGE)
U.S.7 13+110 LT ~ 13+120 LT (EDGE)
U.S.7 12+975 RT ~ 13+120 RT (EDGE)

DURABLE 100mm YELLOW LINE
U.S.7 12+975 ~ 13+057 (DASHED/SOLID CENTERLINE)
U.S.7 13+057 ~ 13+077 (DOUBLE SOLID CENTERLINE)
U.S.7 13+106 ~ 13+120 (DOUBLE SOLID CENTERLINE)
T.H.87 24+007 ~ 24+023 (DOUBLE SOLID CENTERLINE)

DURABLE LETTER OR SYMBOL
T.H.87 24+010 ~ 24+012 STOP 4 EACH

DURABLE 600mm STOP BAR
T.H.87 24+008 RT - 10m

SIGN LEGEND
R = REMOVE
S = SALVAGE
N = NEW
RET = RETAIN
T&T = THINNING & TRIMMING
B-B = BACK TO BACK
EXISTING ----------
NEW ——————

CURVE #4 DATA
△ =0° 44' 47.6" RT
R =5000
T =32.575
L =65.150
E =0.106
BANK =NC

0 10 20 30
SCALE 1:50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER
PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\CIVIL\Sheet\Plans\zb05lls20.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 20 OF 92

CONSTRUCTION NOTES:

1. WBEAM GUIDERAIL STA. 100+104 RT. TO STA. 100+170 RT.
   STA. 100+095 LT. TO 100+187 LT.

VT STATE PLANE GRID

N

VTRANS Metric

R+N

R+N

40 M. P. H.

STA. 100+053 LT

BM1 = RAILROAD SPIKE IN M. POPLAR ELEV: 132.577

BM M. POPLAR

S. WHITE BIRCH

RESUME PROJECT FEGC F019-3 (29)
STA. 100+050

S. POP

COMB #75/82

WARNING SIGN INTERSECTION AHEAD

COMB #74/81

US ROUTE 7

℄ CONSTRUCTION

100+000 100+020 100+040 100+060 100+080 100+100 100+120 100+140 100+160

2.4 m 3.7 m 3.7 m 2.4 m

6 m-R

MB #135

460mm ACCGMP

CZ

WARNING SIGN INTERSECTION AHEAD

COMB #75A/82A

GRAVEL DRIVE

S. SPRUCE

M. LILAC M. APPLE

LILAC

M. LOCUST

S. CEDAR

LILAC

GARDEN

ARTESIAN WELL

1½S.W.F. HOUSE

M. CEDAR

S. LOCUST

LILAC

GUY-P

COMB #83/22/76

GRAVEL DRIVE

N 8° 31' 39.2" W

1.2 m 3.7 m 3.7 m 1.2 m

APPROXIMATE WETLANDS

PC STA 100+147.338

CONCRETE HEADWALL

CZ

WARNING SIGN SCHOOL CHILDREN

BOX CULVERT

CONCRETE HEADWALL

APPROXIMATE WETLANDS

SEYMOUR BROOK

STA. 100+175.000 MATCH LINE

STA. 100+175.000 MATCH LINE

US ROUTE 7 TO BRANDON TOWN LINE
2.124 KILOMETERS

N

N

SHOULDER NARROWS

STA. 100+010 RT

R+N

R+N

40 M. P. H.

STA. 100+053 RT

R+N

R+N

STA. 100+111 RT

SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING		----------
NEW		————

CONSTRUCT DRIVE

LT.	RT.
100+085.6	100+077.4

0 10 20 30

SCALE 1:50

DURABLE 100mm WHITE LINE SOLID (EDGE)
U.S.7 100+050 LT ~ 100+175 LT (EDGE)
U.S.7 100+050 LT ~ 100+175 RT (EDGE)

DURABLE 100mm YELLOW LINE
U.S.7 100+050 ~ 100+101 (DASHED/SOLID CENTERLINE)
U.S.7 100+101 ~ 100+175 (DOUBLE SOLID CENTERLINE)

DURABLE LETTER OR SYMBOL
U.S.7 100+101.000 ~ 100+104.000 RT, SCHOOL 6 EACH

DATUM

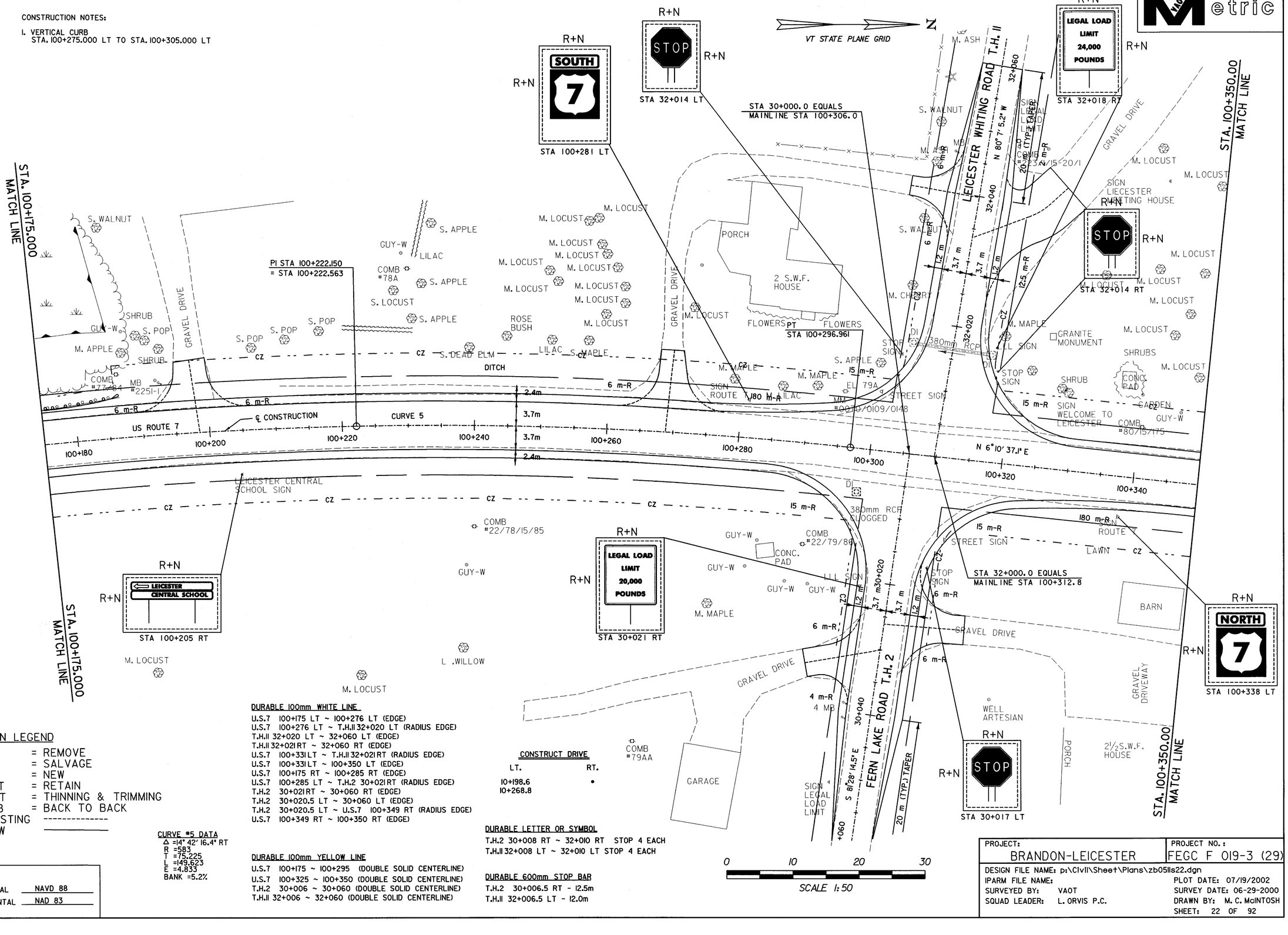
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls2l.dgn
IPARM FILE NAME:
PLOT DATE: 07/19/2002
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: M. C. McINTOSH
SHEET: 21 OF 92

CONSTRUCTION NOTES:

1. VERTICAL CURB
   STA. 100+275.000 LT TO STA. 100+305.000 LT



SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING		----------
NEW		————

CURVE #5 DATA
Δ =14° 42' 16.4" RT
R =583
T =75.225
L =149.623
E =4.833
BANK =5.2%

DATUM

VERTICAL	NAVD 88
HORIZONTAL	NAD 83

DURABLE 100mm WHITE LINE

U.S.7 100+175 LT ~ 100+276 LT (EDGE)
U.S.7 100+276 LT ~ T.H.11 32+020 LT (RADIUS EDGE)
T.H.11 32+020 LT ~ 32+060 LT (EDGE)
T.H.11 32+021 RT ~ 32+060 RT (EDGE)
U.S.7 100+331 LT ~ T.H.11 32+021 RT (RADIUS EDGE)
U.S.7 100+331 LT ~ 100+350 LT (EDGE)
U.S.7 100+175 RT ~ 100+285 RT (EDGE)
U.S.7 100+285 LT ~ T.H.2 30+021 RT (RADIUS EDGE)
T.H.2 30+021 RT ~ 30+060 RT (EDGE)
T.H.2 30+020.5 LT ~ 30+060 LT (EDGE)
T.H.2 30+020.5 LT ~ U.S.7 100+349 RT (RADIUS EDGE)
U.S.7 100+349 RT ~ 100+350 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 100+175 ~ 100+295 (DOUBLE SOLID CENTERLINE)
U.S.7 100+325 ~ 100+350 (DOUBLE SOLID CENTERLINE)
T.H.2 30+006 ~ 30+060 (DOUBLE SOLID CENTERLINE)
T.H.11 32+006 ~ 32+060 (DOUBLE SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
10+198.6	
10+268.8	•

DURABLE LETTER OR SYMBOL

T.H.2 30+008 RT ~ 32+010 RT STOP 4 EACH
T.H.11 32+008 LT ~ 32+010 LT STOP 4 EACH

DURABLE 600mm STOP BAR

T.H.2 30+006.5 RT - 12.5m
T.H.11 32+006.5 LT - 12.0m

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls22.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: M. C. McINTOSH
	SHEET: 22 OF 92

VT STATE PLANE GRID

N

VAOT Metric

STA. 100 + 350 MATCH LINE

STA. 100 + 525 MATCH LINE

R+N

LEICESTER CENTRAL SCHOOL

R+N

STA 100+414 LT

STA 100+469 LT

L. LOCUST

M. LOCUST

M. LOCUST

M. LOCUST

M. LOCUST

M. LOCUST

M. LOCUST

2 S.W.F. HOUSE

460 RCP FLOWS EAST & OUTLET CAN NOT BE FOUND

COMB #22/81/176

GRAVEL DRIVE

GRAVEL DRIVE

CZ

6 m-R

DI

WOODEN WALL

6 m-R

6 m-R

6 m-R

LEICESTER CENTRAL SCHOOL SIGN

COMB #82/177B CONCRETE HEADWALL

CZ

CZ

US ROUTE 7

℄ CONSTRUCTION

100+360

100+380

100+400

100+420

100+440

100+460

100+480

100+500

100+520

N 6°10' 37.1" E

2.4m

3.7m

3.7m

2.4m

6 m-R

6 m-R

6 m-R

VT STATE PLANE GRID

N

VAOT Metric

R+N

R+N

40
M. P. H.

STA. 100+564 LT

STA. 100+525
MATCH LINE

STA. 100 + 700
MATCH LINE

LEICESTER GENERAL STORE

CONC. PAD WITH TELEPHONE BOOTH

PUMP ISLAND

GUIDE POST

BLDG.

CONC. PAD

MONITORING WELL

PROPOSED CURBED ISLAND

TEL

SIGN EXXON

PAVED

310mm CGMP

1.5 m-R

8 m-R

6 m-R

SIGN WARNING INTERSECTION AHEAD

COMB #84/179

M. ELM

GRAVEL DRIVEWAY

310mm CGMP

6 m-R

1.2 m

3.7 m

3.7 m

1.2 m

100+540

100+560

100+580

100+600

100+620

100+640

100+660

100+680

U.G.E. MARKER

M. ASH

SIGN NO PARKING

MB #1657

MB #1652

S. MAPLE

M. ELM

FLOWERS GARDEN

FLOWERS

3S. ASH

S. APPLE

GARDEN

M. ASH

ROSES

M. ASH

SHRUBS

FLOWERS

M. ASH

S. PINE

S. PINE

WELL SPRING

GRAVEL DRIVEWAY

DITCH

M. ASH

M. WILLOW

EL #85B

WELL ARTESIAN

I.S.W.F. HOUSE

FLOWERS & SHRUBS

DUG WELL

PAVED DRIVEWAY

ROSE BUSH

FLOWERS

S. MAPLE

ROSES

GUY-W

COMB #85715/180

N 6° 10' 37.1" E

US ROUTE 7

℄ CONSTRUCTION

MB

S. MAPLE

S. MAPLE

GRAVEL DRIVE

310mm CGMP

S. SPRUCE

LILAC

HANDICAPPED RAMP

TRAILER

PIPE

HARDWOOD TREES

DOGWOOD

APPROXIMATE WETLANDS

POND

310mm CGMP

L. WILLOW

M. WILLOW

END CONC. DISTURBED

BRICK FLOWER BOX

HEADWALL

GUIDE POST COMB #86718

TELCO JUNCTION BOX

S. ASH

990mm RCP

R+N

NO PARKING ON TRAVELED LANES

R+N

STA. 100+547

DURABLE 100mm WHITE LINE

U.S.7 100+525 LT ~ 100+700 LT (EDGE)
U.S.7 100+525 RT ~ 100+700 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 100+525 ~ 100+613 (DASHED/SOLID CENTERLINE)
U.S.7 100+613 ~ 100+700 (SINGLE DASHED CENTERLINE)

SIGN LEGEND

R	= REMOVE
S	= SALVAGE
N	= NEW
RET	= RETAIN
T&T	= THINNING & TRIMMING
B-B	= BACK TO BACK
EXISTING	----------
NEW	_____

CONSTRUCT DRIVE

LT.	RT.
100+552.9	100+567.2
100+578.0	100+630.0
100+624.2	

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls24.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 24 OF 92

VT STATE PLANE GRID

N

VTrans Metric

STA. 100 + 700 MATCH LINE

STA. 100 + 875 MATCH LINE

BM4 = CHISEL SQUARE IN BOULDER ELEV. 138.626

POND

APPROXIMATE WETLANDS

BM

310mm CGMP

GRAVEL DRIVE

380mm CGMP

PC STA 100+772.51

GUIDE POST

BND VTHD CONC. GUY-W

BND ALUMINUM SURVEY DISC

COMB #2287/82

US ROUTE 7

℄ CONSTRUCTION N 6° 10' 37.1" E

700

100+720

100+740

100+760

100+780

100+800

100+820

100+840

100+860

6 m-R

CZ

DITCH

L. OAK

L. HICKORY

3S. MAPLE

GUT-W

BND ALUMINUM SURVEY DISC.

COMB #15/183/22/88

M. BASSWOOD

M. ASH

M. HICKORY

LARGE STUMP

SHRUBS

MM #0070/0109/0180

1.2 m

3.7 m

OUTLET CLOGGED

MB 380mm CGMP

INLET CLOGGED FLOWERS

MB

S. ASH

M. HICKORY

M. HIVCKORY

M. MAPLE

S. ELM

2S. ASH

2S. DEAD ELM

M MAPLE

M. APPLE

LILAC

S. ELM

M. WILLOW

L. MAPLE

M. WALNUT

50 MPH SPEED LIMIT SIGN 380mm CGMP #2263

BND ALUMINUM SURVEY DISC

U.G.E. MARKER

COMB #3/43/184

M. OAK

S. BASSWOOD

MM #0070/0109/0180

DIRT DRIVE

GUY-W

1½S.W.F. HOUSE

VEGETABLE GARDEN

R+N

SPEED LIMIT 50 M.P.H.

STA 100+820 RT

SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING	=	----------
NEW	=	————

DURABLE 100mm WHITE LINE

U.S.7 100+700 LT ~ 100+875 LT (EDGE)
U.S.7 100+875 RT ~ 100+875 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 100+700 ~ 100+817 (SINGLE DASHED CENTERLINE)
U.S.7 100+817 ~ 100+875 (DASHED/SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
100+746.7	100+742.3
100+771.3	100+825.2

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

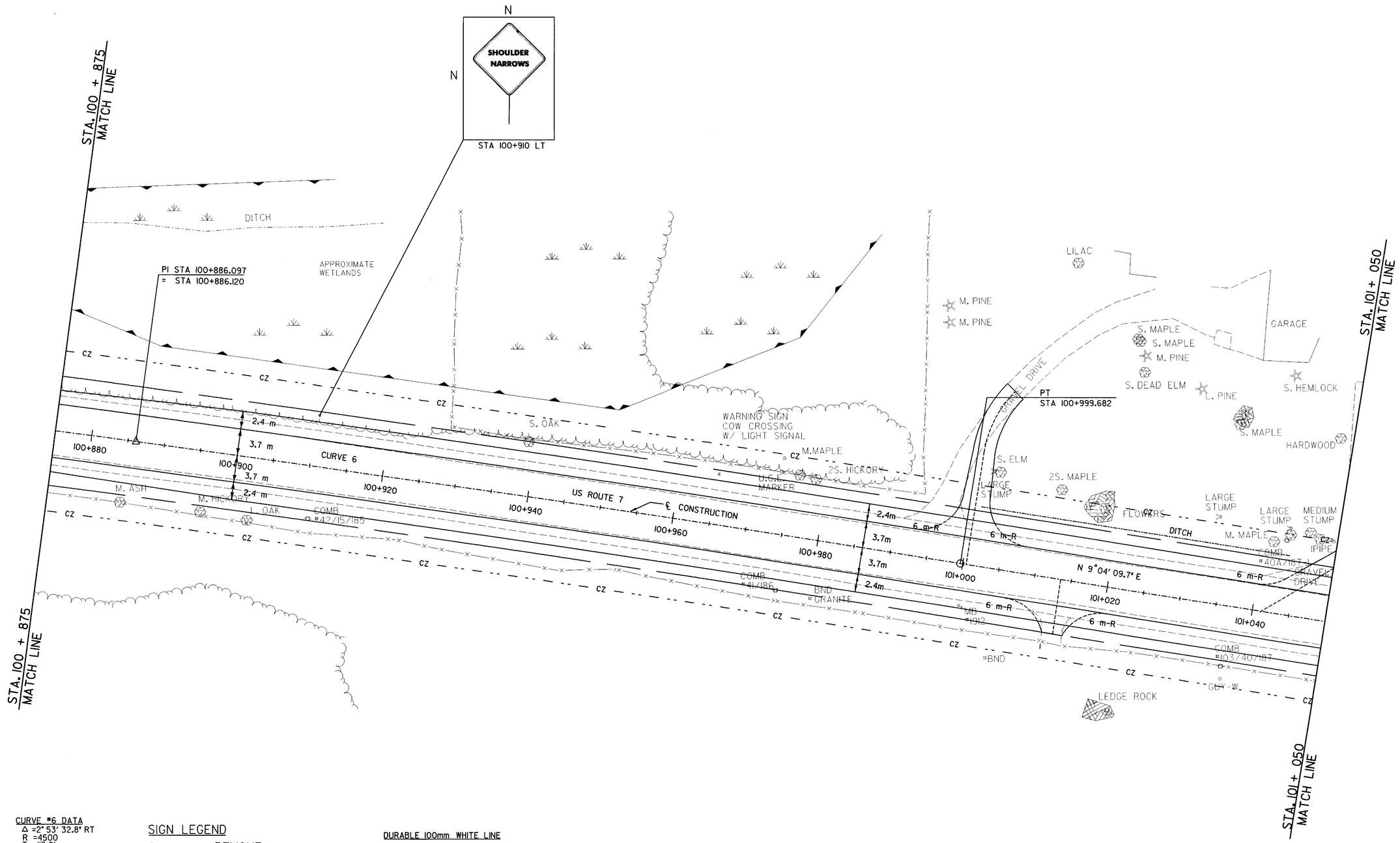
PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls25.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 25 OF 92

VT STATE PLANE GRID

N

VAOT Metric



CURVE #6 DATA
Δ =2° 53' 32.8" RT
R =4500
T =113.61
L =227.171
E =1.434
BANK =NC

SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING		----------
NEW		————

DURABLE 100mm WHITE LINE
U.S.7 100+875 LT ~ 101+050 LT (EDGE)
U.S.7 100+875 RT ~ 101+050 RT (EDGE)

DURABLE 100mm YELLOW LINE
U.S.7 100+875 ~ 101+000 (DASHED/SOLID CENTERLINE)
U.S.7 101+000 ~ 101+050 (DOUBLE SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
100+996.0	101+118.5
101+041.2	

0 10 20 30
SCALE 1:50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls26.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: M. C. McINTOSH
	SHEET: 26 OF 92

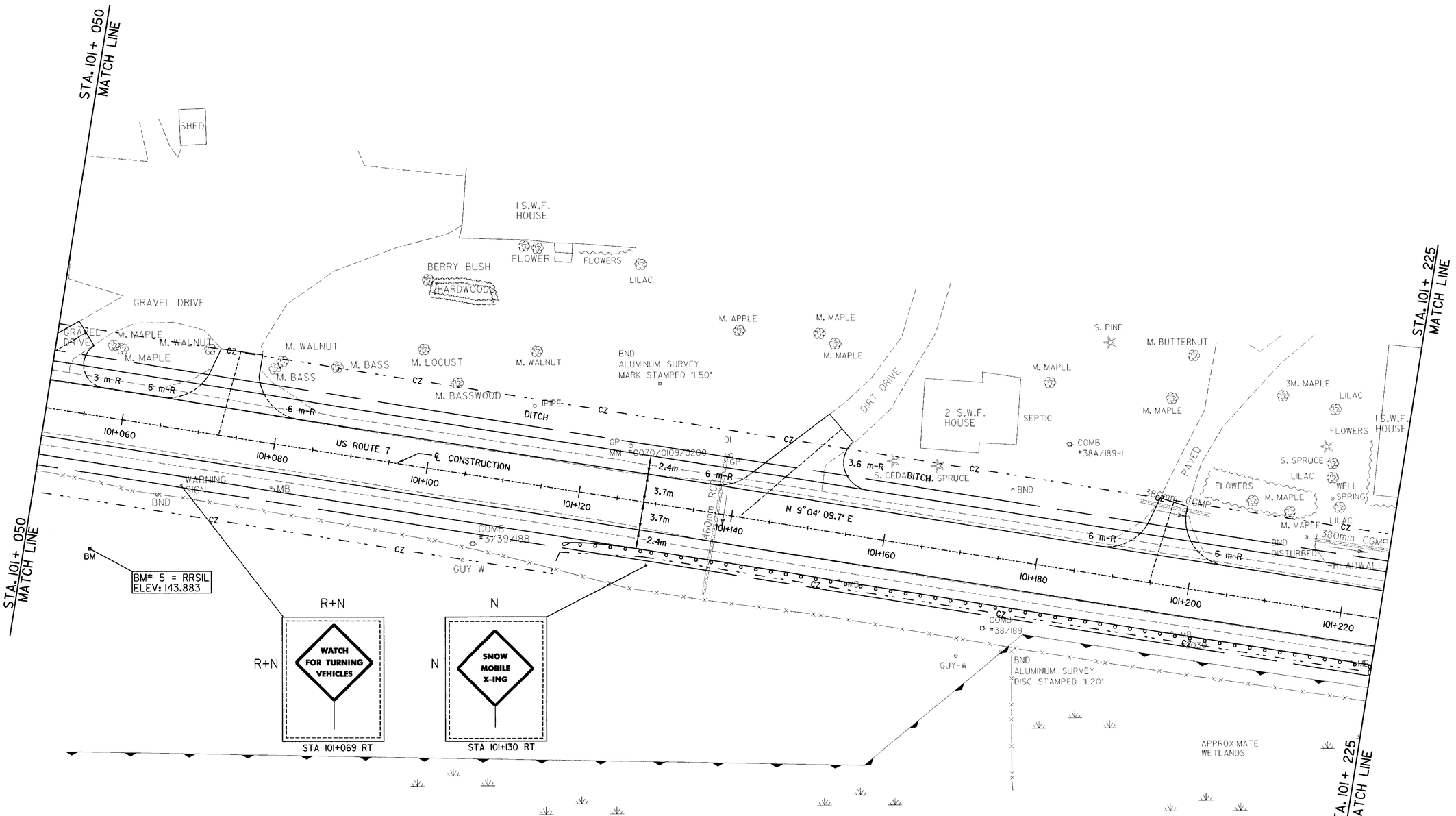
CONSTRUCTION NOTES:

1. WBEAM GUIDERAIL FROM STA. 101+118 RT. TO STA. 101+274 RT.

N

VT STATE PLANE GRID

VAOT Metric



SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING	=	----------
NEW	=	————

DURABLE 100mm WHITE LINE

U.S.7 101+050 LT ~ 101+225 LT (EDGE)
U.S.7 101+050 RT ~ 101+225 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 101+050 ~ 101+120 (DOUBLE SOLID CENTERLINE)
U.S.7 101+120 ~ 101+225 (DASHED/SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
101+072.7	
101+141.1	
101+195.0	

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls27.dgn
IPARM FILE NAME:
PLOT DATE: 07/19/2002
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: M. C. McINTOSH
SHEET: 27 OF 92

N

VT STATE PLANE GRID

VAOT Metric

101+225.000 MATCH LINE

I.S.W.F. HOUSE

GARAGE - TIRE BUSINESS

S. APPLE

PAVED

CZ

380mm CGMP

6 m-R

460mm R.C.P.

101+240

101+260

101+280

101+300

101+320

101+340

101+360

101+380

2.4m

3.7m

3.7m

2.4m

DITCH

US ROUTE 7

℄ CONSTRUCTION

N 9° 04' 09.7" E

COMB #103/37/190

COMB 36719

GUY-W

MB & MB #2126

BM

BM#6 = VERMONT SURVEY DISC IN BOULDER STAMPED 'A97027' ELEV: 138.59

WELL 2 mm X 2 mm SPRING

GRAVEL DRIVE

2M. APPLE

460mm CGMP

APPROXIMATE WETLANDS

GUY-W

GUY-P 35S/192-S

XIP COLE #2139

COMB #103/35/192

BND

WELL SPRING

APPROXIMATE WETLANDS

GRAVEL DRIVE

101+400.000 MATCH LINE

101+225.000 MATCH LINE

101+400.000 MATCH LINE

DURABLE 100mm WHITE LINE

U.S.7 101+225 LT ~ 101+400 LT (EDGE)
U.S.7 101+225 RT ~ 101+400 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 101+225 ~ 101+333 (DASHED/SINGLE CENTERLINE)
U.S.7 101+333 ~ 101+400 (SINGLE DASHED CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
101+264.1	101+361.2
101+333.1	

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls28.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 28 OF 92

VT STATE PLANE GRID

N

VAOT Metric

STA. 101+400
MATCH LINE

STA. 101+575
MATCH LINE

APPROXIMATE
WETLANDS

CZ

STONE HEADWALL

760mm RCP

GUIDE
POST

MM
#0070/0109/0220
COMB
#34/193

101+420
101+440
101+460
101+480
101+500
101+520
101+540
101+560

2.4m
3.7m
3.7m
2.4m

N 9°04'09.7" E

US ROUTE 7
℄ CONSTRUCTION

6 m-R
6 m-R

BND
ALUMINUM SURVEY
MARK NO STAMPING

GRAVEL DRIVE

780mm CGMP

COMB
#33/194

GUY-W

MB
#2269

BND
DISTURBED

BND

DURABLE 100mm WHITE LINE

U.S.7 101+400 LT ~ 101+575 LT (EDGE)
U.S.7 101+400 RT ~ 101+575 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 101+400 ~ 101+575 (SINGLE DASHED CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
100+565.8	

0 10 20 30

SCALE 1:50

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls29.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 29 OF 92

VT STATE PLANE GRID

N

VTrans Metric

101+575 MATCH LINE

R+N

SNOW MOBILE X-ING

R+N

STA 101+580 LT

GRAVEL DRIVE

300mm CGMP

GRAVEL DRIVE

IPIPE

LAND LINES

CZ

GRAVEL DRIVE

BND
ALUMINUM SURVEY DISK
STATE OF VERMONT

380mm CGMP

2.4m 6 m-R

3.7m

3.7m

2.4m

101+580

101+600

101+620

101+640

101+660

101+680

101+700

101+720

101+740

N 9°04' 09.7" E

US ROUTE 7 ℄ CONSTRUCTION

6 m-R

6 m-R

6 m-R

MB

MB

MB

COMB
#103/32/15/195

CZ

PC
STA 101+701.446

BND
VTHD CONC.

BM#7=RRSIR IN PINE
ELEV: 136.444

BM
M. PINE

HEADWALL
INLET CLOGGED
S. ELM

S. ELM

STA. 101+750 MATCH LINE

GRAVEL DRIVE

GARDEN

WALL

I.S.W.F. HOUSE

M. PINE

COMB
#331/196

BND
CONCRETE
DISTURBED

S. MAPLE

M. PINE

S. ASH

100 PVC

IPIPE

S. ELM

S. ELM

APPROXIMATE
WETLANDS

101+575 MATCH LINE

STA. 101+750 MATCH LINE

SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING	=	----------
NEW	=	————

DURABLE 100mm WHITE LINE

U.S.7 101+575 LT ~ 101+750 LT (EDGE)
U.S.7 101+575 RT ~ 101+750 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 101+575 ~ 101+587 (SINGLE DASHED CENTERLINE)
U.S.7 101+587 ~ 101+750 (DASHED/SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
101+603.1	101+627.6

0 10 20 30

SCALE IN METERS

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05ils30.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

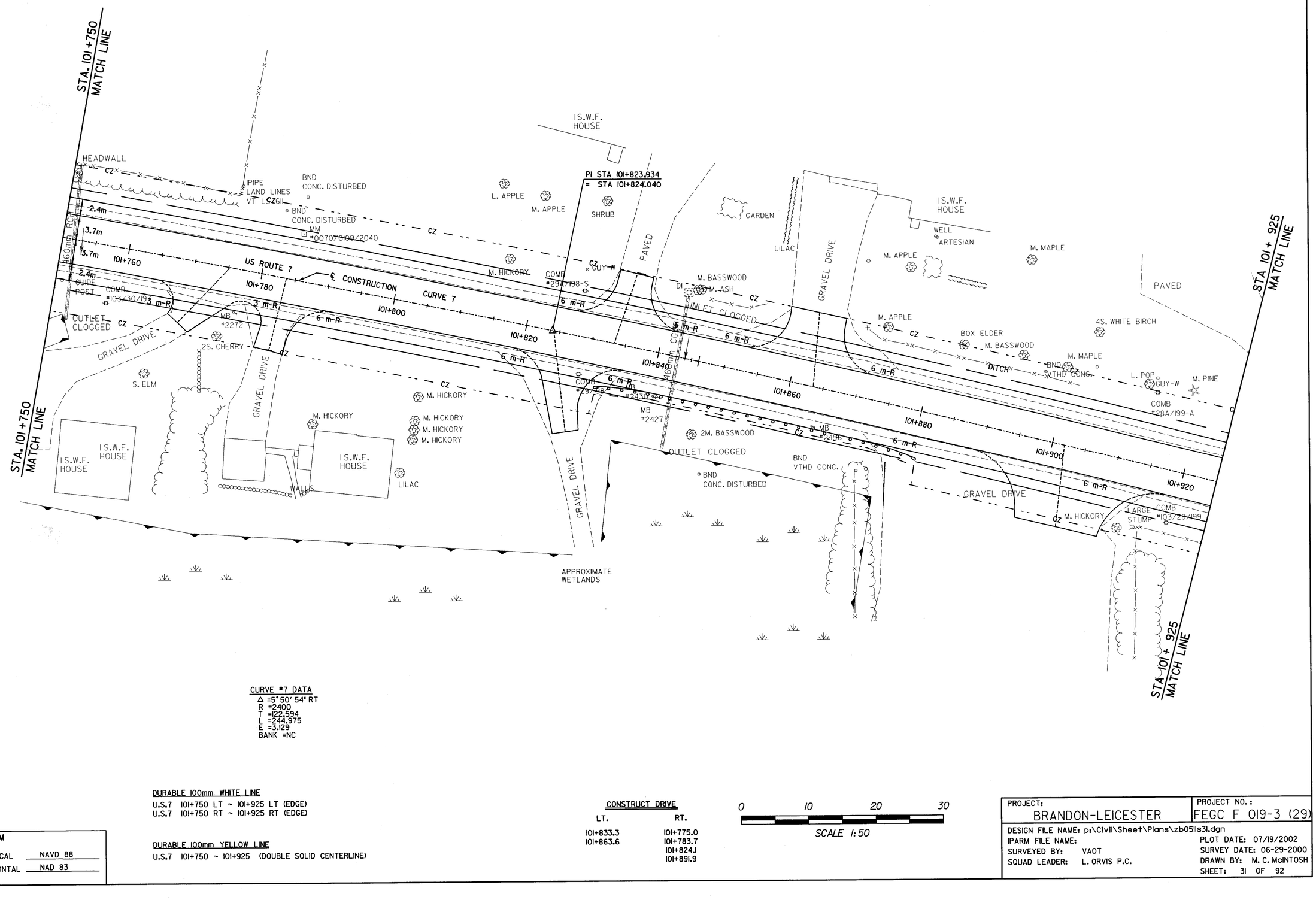
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. MCINTOSH
SHEET: 30 OF 92

CONSTRUCTION NOTES

1. WBEAM GUIDERAIL FROM STA. 101+832 RT. TO STA. 101+881

VT STATE PLANE GRID N

VAOT Metric



CURVE #7 DATA
Δ =5° 50' 54" RT
R =2400
T =122.594
L =244.975
E =3.129
BANK =NC

DURABLE 100mm WHITE LINE
U.S.7 101+750 LT ~ 101+925 LT (EDGE)
U.S.7 101+750 RT ~ 101+925 RT (EDGE)

DURABLE 100mm YELLOW LINE
U.S.7 101+750 ~ 101+925 (DOUBLE SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
101+833.3	101+775.0
101+863.6	101+783.7
	101+824.1
	101+891.9

0 10 20 30
SCALE 1:50

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER
PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05lls31.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 31 OF 92

VT STATE PLANE GRID

N

VAOT Metric

STA. 101 + 925 MATCH LINE

STA. 101 + 925 MATCH LINE

102 + 100 MATCH LINE

102 + 100 MATCH LINE

PT
STA 101+946.421

LIGHT POLE

LIGHT POLE

M. PINE

PAVED

6 m-R

6 m-R

DITCH

2.4m

3.7m

3.7m

2.4m

CZ

101+940

101+960

101+980

102+000

102+020

102+040

102+060

102+080

102+

460mm RCP

LEDGE ROCK

BM

BM#8=CHISEL SQUARE IN ROCK OUTCROP ELEV=1135.334

TRAFFIC COUNTER MB "2486

WARNING SIGN
WATCH FOR
TURNING VEHICLES

℄ CONSTRUCTION
N 14° 55' 03.5" E

COMB
"27/15/200

DITCH

S. BIRCH

S. BIRCH

S. WHITE BIRCH

S. WHITE BIRCH

2S. BIRCH

S. POP

APPROXIMATE WETLANDS

BND
VTHD CONC.

R+N

R+N

WATCH FOR TURNING VEHICLES

STA 101+966 RT

SIGN LEGEND

R	=	REMOVE
S	=	SALVAGE
N	=	NEW
RET	=	RETAIN
T&T	=	THINNING & TRIMMING
B-B	=	BACK TO BACK
EXISTING	=	----------
NEW	=	————

DURABLE 100mm WHITE LINE

U.S.7 101+925 LT ~ 102+100 LT (EDGE)
U.S.7 101+925 RT ~ 102+100 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 101+925 ~ 102+100 (DOUBLE SOLID CENTERLINE)

CONSTRUCT DRIVE

LT. RT.

101+942.2

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83

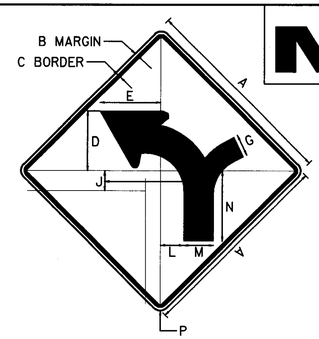
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IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: M. C. McINTOSH
	SHEET: 32 OF 92

NOTES:

1. COLD MILLING-BITUMINOUS PAVEMENT STA. 102+204 TO STA. 102+220
2. WBEAM GUIDERAIL STA 102+132 RT. TO STA 102+180 RT.

VT STATE PLANE GRID

N



Metric

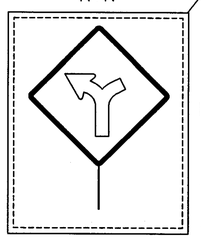
DETAIL FOR WI-2R (MODIFIED)

STD.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
	750	10	20	220	225	140	80	140	75	55	85	110	260	45	?

STA. 102+100.000 MATCH LINE

3S. SPRUCE
3S. WHITE BIRCH
GRAVEL DRIVE
CZ
DITCH
2.4m
3.7m
3.7m
2.4m
100
102+120
COMB #103/26/20
MM #0070/0109/0260
GUY-W
US ROUTE 7
℄ CONSTRUCTION
102+140
102+160
102+180
6 m-R
STUMP MEDIUM
SIGN WARNING CURVE AHEAD
APPROXIMATE WETLANDS
BND VTHD CONC.
M. PINE
580mm CGMP
M. BOXELDER
MEDIUM STUMP
MEDIUM STUMP
COMB #25A
END PROJECT FEGC F019-3(29)
STA. 102+179
COUNTRY CRAFT BARN & DELI
END APPROACH FEGC F019-3(29)
STA. 102+220
COMM. SIGN
CONC SILO FOUNDATION
CONCPAD
DI
N 14°55' 03.5" E
460mm CCGMP
102+200
102+220
360mm RCP
PC
STA 102+270.272
102+240
102+260
GUY-W
COMB #24/203
460mm CGMP
S. MAPLE
S. MAPLE
S. MAPLE
GRAVEL DRIVE
GRAVEL DRIVE
S. SPRUCE
S. ELM
M. MAPLE
2M. LOCUS
MEDIUM STUMP
MEDIUM STUMP
M. MAPLE
2M. LOCUS
8MB #2.48 COMB #103/25/200
220mm x 220mm CONC. BOX CULVERT
MB #2
APPROXIMATE WETLANDS

R+N



R+N

STA 102+162 RT

US ROUTE 7 TO SALISBURY TOWN LINE

1.288 KILOMETERS

SIGN LEGEND

R	= REMOVE
S	= SALVAGE
N	= NEW
RET	= RETAIN
T&T	= THINNING & TRIMMING
B-B	= BACK TO BACK
EXISTING	----------
NEW	————

DURABLE 100mm WHITE LINE

U.S.7 102+100 LT ~ 102+220 LT (EDGE)
U.S.7 102+100 RT ~ 102+220 RT (EDGE)

DURABLE 100mm YELLOW LINE

U.S.7 102+100 ~ 102+220 (DOUBLE SOLID CENTERLINE)

CONSTRUCT DRIVE

LT.	RT.
102+170.8	102+184.0
102+195.8	102+202.0

0 10 20 30

SCALE 1:50

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Plans\zb05111s33.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: M. C. McINTOSH
SHEET: 33 OF 92

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NO. OF POSTS	NEW SIGN POSTS: FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
U.S. 7																																			
10+553, RT	TRUCKS ENTERING	1	900	900	0.810						1			3.75																				VW-202		E-154M
11+020, LT	TRUCKS ENTERING	1	900	900	0.810						1			3.75																				VW-202		E-154M
11+070, LT	SCHOOL BUS STOP AHEAD	1	750	750	0.560						1			3.75																				S3-1		E-153M
12+140, LT	SPEED LIMIT 50 M.P.H.	1	600	750	0.450						1			3.75																				R2-1		E-142M
12+140, RT	SPEED LIMIT 50 M.P.H.	1	600	750	0.450						1			3.75																				R2-1		E-142M
13+108, RT	LEICESTER / BRANDON	1	1500	190	0.285						1			3.85																						E-124M
	ADDISON CO. / RUTLAND CO.	1	1500	190	0.285																															E-124M
100+010, RT	SHOULDER MARKERS	1	900	900	0.810						1			3.75																				VW6I9		E-151M
100+053, LT		1	750	750	0.560						1			3.85																				W2-1		E-155M
	40 M. P. H.	1	450	450	0.200																														WI3-1		E-155M
100+053, RT		1	750	750	0.560						1			3.85																				W2-1		E-155M
	40 M. P. H.	1	450	450	0.200																														WI3-1		E-155M
100+111, RT		1	750	750	0.560						1			3.75																				SI-1		E-153M
100+205, RT	LEICESTER CENTRAL SCHOOL	1	1350	190	0.260						2			3.68																						E-123M
100205, RT		1	1350	190	0.260																															E-123M
100+281, LT	SOUTH	1	600	300	0.180						1			3.75																				M3-3		E-136AM
												m	m	m	m	m	m		EA	kg	kg	kg		kg	kg	kg	kg								
	TOTALS		m^2		m^2		EA.		m^2			m			m					kg			EA.	kg				EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: _____
PROJECT NUMBER: _____

FILE NAME: zb05Issll.dgn
PROJECT LEADER: _____
DESIGNED BY: M.K. CHEVALIER
PLOT DATE: $$$$DATE$$$
DRAWN BY: M.C. McINTOSH
CHECKED BY: _____
SHEET _____ OF _____

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	NEW & SALVAGED SIGNS: EA	SIGN DIMENSIONS: WIDTH (mm)	SIGN DIMENSIONS: HEIGHT (mm)	NEW & SALVAGED SIGNS: "A"	NEW & SALVAGED SIGNS: "B"	NEW & SALVAGED SIGNS: SALV SIGN	NEW & SALVAGED SIGNS: SALV TIS	EXIST POST: RETAIN	EXIST POST: SALVAGE	NEW SIGN POSTS: NO. OF POSTS	FLANGED CHANNEL kg/m: 1.7	FLANGED CHANNEL kg/m: 3.0	FLANGED CHANNEL kg/m: 4.5	SQUARE STEEL (mm) 44 kg/m: 3.4	SQUARE STEEL (mm) 50 kg/m: 3.9	SQUARE STEEL (mm) 63 kg/m: 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) 75 kg/m: 1.9	TUBULAR ALUMINUM Ø (mm) 100 kg/m: 2.5	TUBULAR ALUMINUM Ø (mm) 100 MOD kg/m: 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	TUBULAR STEEL Ø (mm) 75 kg/m: 11.3	TUBULAR STEEL Ø (mm) 89 kg/m: 13.4	TUBULAR STEEL Ø (mm) 100 kg/m: 16.1	TUBULAR STEEL Ø (mm) 125 kg/m: 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	W-SHAPE STEEL FTG. SIZE 750 mm	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL: DETAIL ON SHEET NUMBER	SIGN DETAIL: STD. SHEET NUMBER
											OPTION ITEMS																									
100+281, LT	7	1	600	600	0.36																												MI-4		E-136AM
100+338, RT	NORTH	1	600	300	0.18						1			3.75																			M3-1		E-136AM
100+338, RT	7	1	600	600	0.36																												MI-4		E-136AM
100+414, LT	LEICESTER CENTRAL SCHOOL ⇨	1	1350	190	0.26						2			3.68																					E-123M
100+414, LT		1	1350	190	0.26																														E-123M
100+469, LT		1	750	750	0.56						1			3.75																			SI-1		E-153M
100+547, RT	NO PARKING ON TRAVELED LANES	1	600	750	0.45						1			3.75																			VR-020		E-146M
100+564, LT		1	750	750	0.56						1			3.85																			W2-1		E-155M
100+564, LT	40 M.P.H.	1	450	450	0.20																												WI3-1		E-155M
100+820, LT	SPEED LIMIT 50 M.P.H.	1	600	750	0.45						1																								
100+910, LT	SHOULDER NARROWS	1	900	900	0.810									3.75																			VW-619		E-151M
101+069, RT	WATCH FOR TURNING VEHICLES	1	900	900	0.810						1			3.75																			VW-205		E-154M
101+130, RT	SPEED ADVISORY 35 MPH	1	750	750	0.56									3.75																			WII-6		E-153M
101+580, LT	SPEED ADVISORY 35 MPH	1	750	750	0.560						1			3.75																			WII-6		E-153M
101+966, RT	WATCH FOR TURNING VEHICLES	1	900	900	0.810						1			3.75																			VW-205		E-154M
102+162, RT		1	750	750	0.56						1			3.75																			WI-2R (MODIFIED)		E-151M
												m	m	m	m	m	m		EA	kg	kg	kg		kg	kg	kg	kg							
TOTALS		m²			m²	m²	EA.	m²				m			m					kg			EA.	kg				EA.	EA.	kg				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S 'SIGN POST DESIGN GUIDELINE.'

PROJECT NAME: _____

PROJECT NUMBER: _____

FILE NAME: zb05issl2.dgn
PROJECT LEADER: _____
DESIGNED BY: M.K.CHEVALIER
PLOT DATE: $$$$DATE$$$
DRAWN BY: M.C. McINTOSH
CHECKED BY: _____

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	SIGN DIMENSIONS WIDTH (mm)	SIGN DIMENSIONS HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	NEW & SALVAGED SIGNS "B"	NEW & SALVAGED SIGNS SALV SIGN	NEW & SALVAGED SIGNS SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL kg/m 1.7	FLANGED CHANNEL kg/m 3.0	FLANGED CHANNEL kg/m 4.5	SQUARE STEEL (mm) 44 kg/m 3.4	SQUARE STEEL (mm) 50 kg/m 3.9	SQUARE STEEL (mm) 63 kg/m 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) 75 Kg/m 1.9	TUBULAR ALUMINUM Ø (mm) 100 Kg/m 2.5	TUBULAR ALUMINUM Ø (mm) 100 MOD Kg/m 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	TUBULAR STEEL Ø (mm) 75 kg/m 11.3	TUBULAR STEEL Ø (mm) 89 kg/m 13.4	TUBULAR STEEL Ø (mm) 100 kg/m 16.1	TUBULAR STEEL Ø (mm) 125 kg/m 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	W-SHAPE STEEL FTG. SIZE 750 mm	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	SIGN DETAIL STD. SHEET NUMBER
											OPTION ITEMS																										
T.H. 16																																			
20+012, RT	LEGAL LOAD LIMIT 24,000 POUNDS						1				1			3.75																				
20+017, LT	STOP						1				1			3.75																				
20+008, RT	LOVERS LANE						1													4.5													POST TOP MOUNTED		
T.H. 87																																			
24+013, LT	TOWN LINE DR.						1													4.5													POST TOP MOUNTED		
	GROVE ST.						1																										POST TOP MOUNTED		
24+013, RT	LEGAL LOAD LIMIT 24,000 POUNDS						1				1			3.75																				
24+013, RT	NO OUTLET						1				1			3.75																				
24+016, LT	STOP						1				1			3.75																				
T.H. 2																																			
30+012, LT	US ROUTE 7						1													4.5													POST TOP MOUNTED		
30+012, LT	FERN LAKE RD						1																										POST TOP MOUNTED		
30+017, LT	STOP						1				1			3.75																				
30+021, RT	LEGAL LOAD LIMIT 24,000 POUNDS						1				1			3.75																				
TOTALS		m²	m²	EA.	m²		m				m				m				EA	kg			EA.	kg				EA.	EA.	kg					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: _____
PROJECT NUMBER: _____

FILE NAME: zb05issl3.DGN
PROJECT LEADER: _____
DESIGNED BY: M.K. CHEVALIER
PLOT DATE: $$$$DATE$$$
DRAWN BY: M.C. McINTOSH
CHECKED BY: _____
SHEET _____ OF _____

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET

VAOT Metric

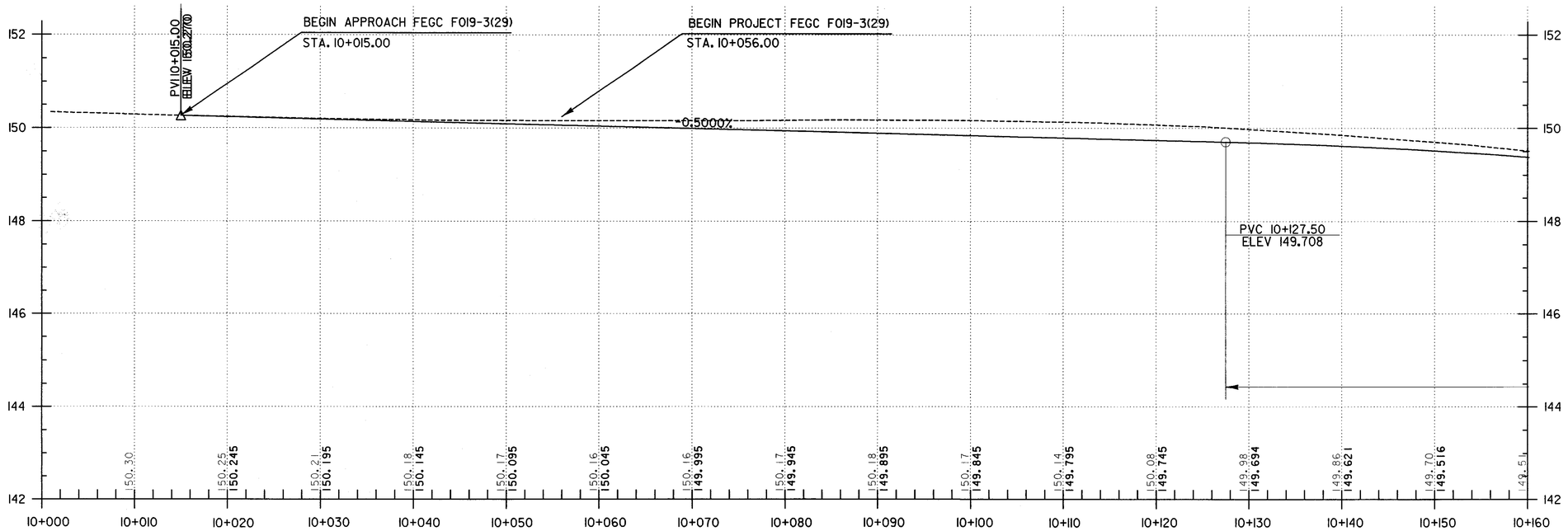
KILOMETER MARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (mm)	HEIGHT (mm)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	FLANGED CHANNEL kg/m 1.7	3.0	4.5	SQUARE STEEL (mm) kg/m 44 3.4	50 3.9	63 5.0	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (mm) kg/m 75 1.9	100 2.5	100 MOD 2.5	TUBULAR STEEL Ø (mm) FOUNDATION	kg/m 75 11.3	89 13.4	100 16.1	125 21.7	W-SHAPE STEEL FTG. SIZE 600 mm	750 mm	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
											OPTION ITEMS																									
T.H. II																																			
32+008 LT	LINCOLN - WHITING RD						1													4.5													POST TOP MOUNTED		
32+014, RT	STOP						1				1			3.75																					
32+014, LT	STOP						1				1			3.75																					
32+018, RT	LEGAL LOAD LIMIT 24,000 POUNDS						1				1			3.75																					

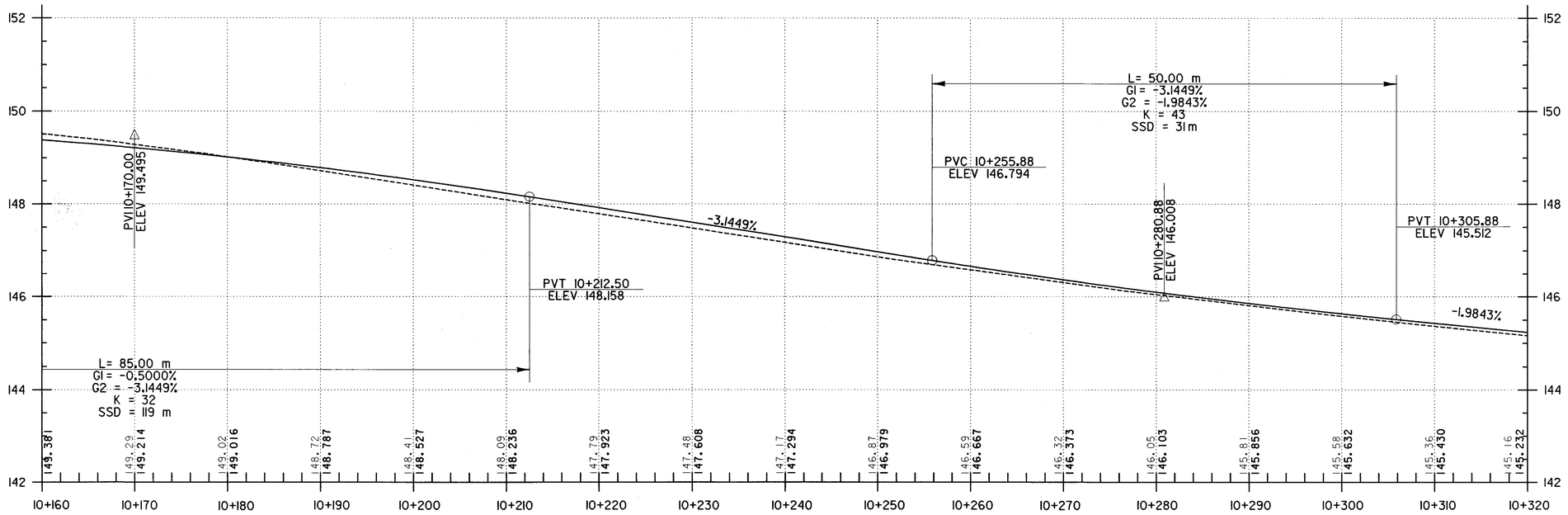
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

							m	m	m	m	m	m		EA	kg	kg	kg		kg	kg	kg	kg			
TOTALS	m^2	m^2	EA.	m^2		m			m				kg	EA.	kg			EA.	EA.	kg				

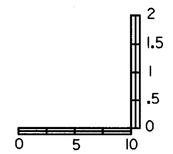
PROJECT NAME: _____
PROJECT NUMBER: _____

FILE NAME: zb051ss14.dgn
PROJECT LEADER: _____
DESIGNED BY: M.K. CHEVALIER
PLOT DATE: $$$$DATE$$$
DRAWN BY: M.C. McINTOSH
CHECKED BY: _____





FOR CONTINUATION
OF PROFILE SEE
SHEET 35 OF 92



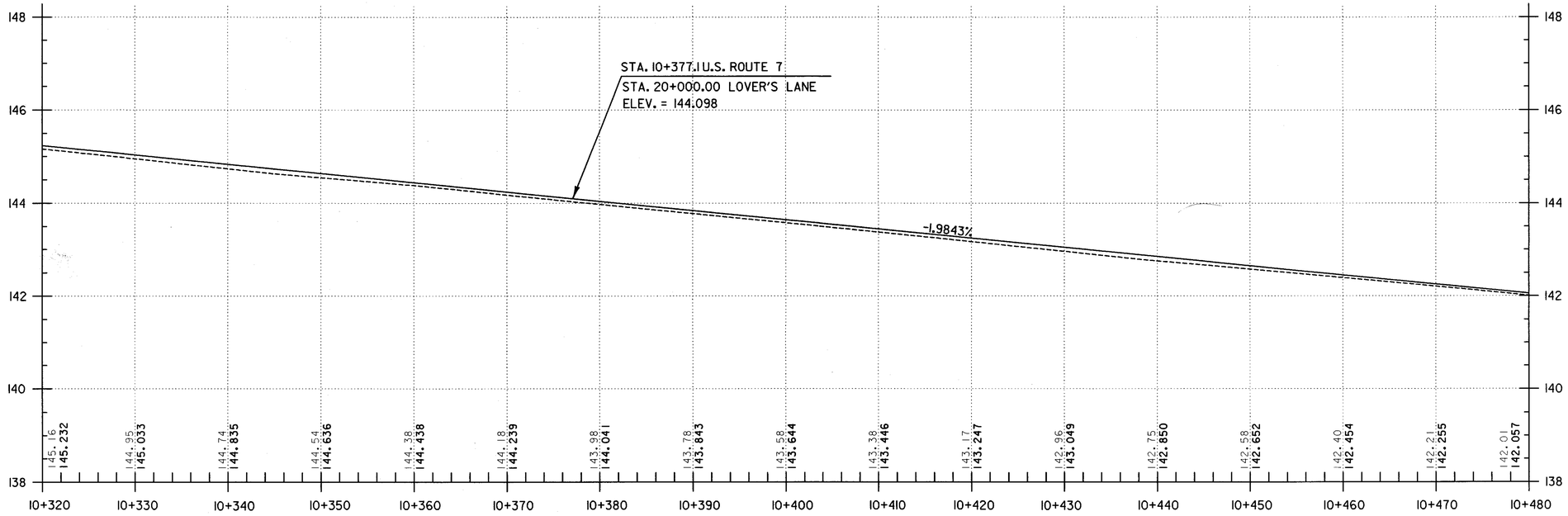
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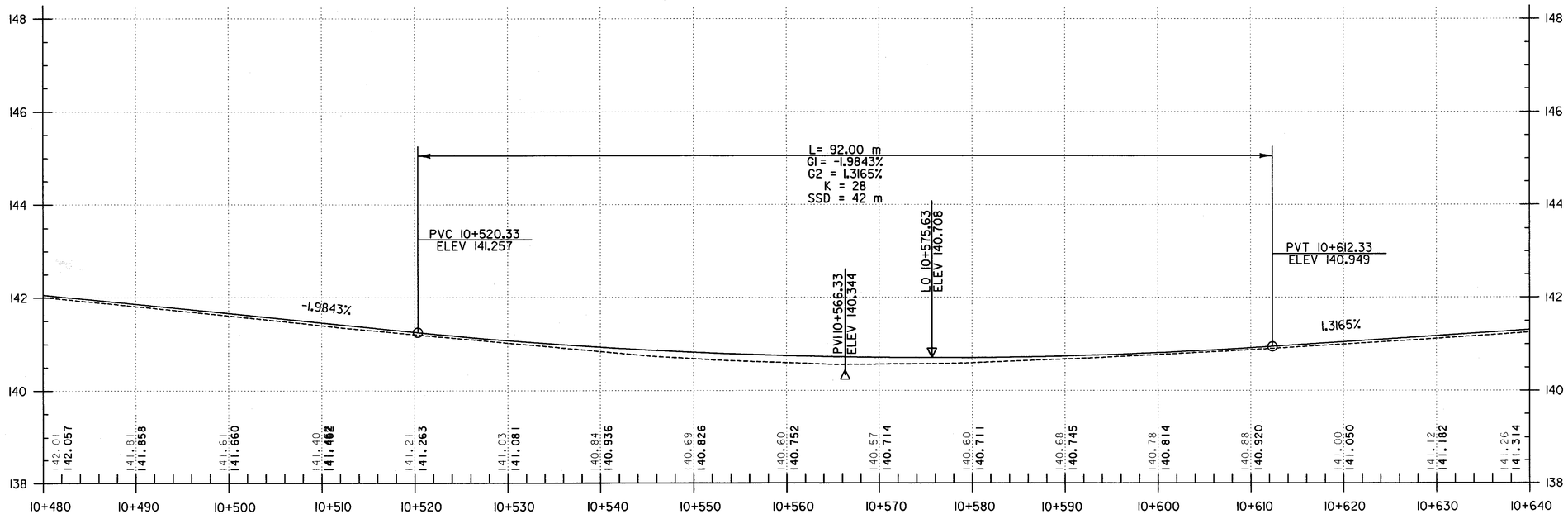
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

US ROUTE 7 PROFILE (SOUTHERN SEGMENT)

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lprshtlsegl.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: R.ROSS
	SHEET: 34 OF 92

Metric

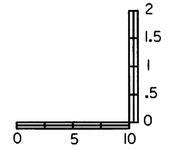




FOR CONTINUATION OF PROFILE SEE SHEET 36 OF 92

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

US ROUTE 7 PROFILE (SOUTHERN SEGMENT)

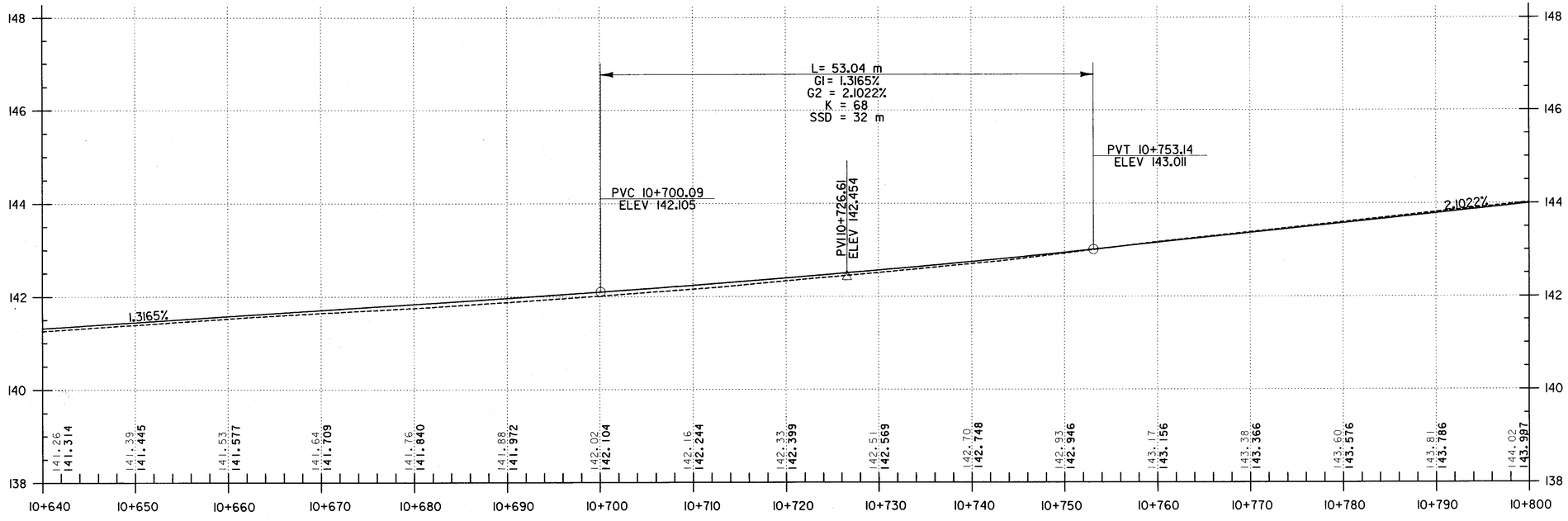


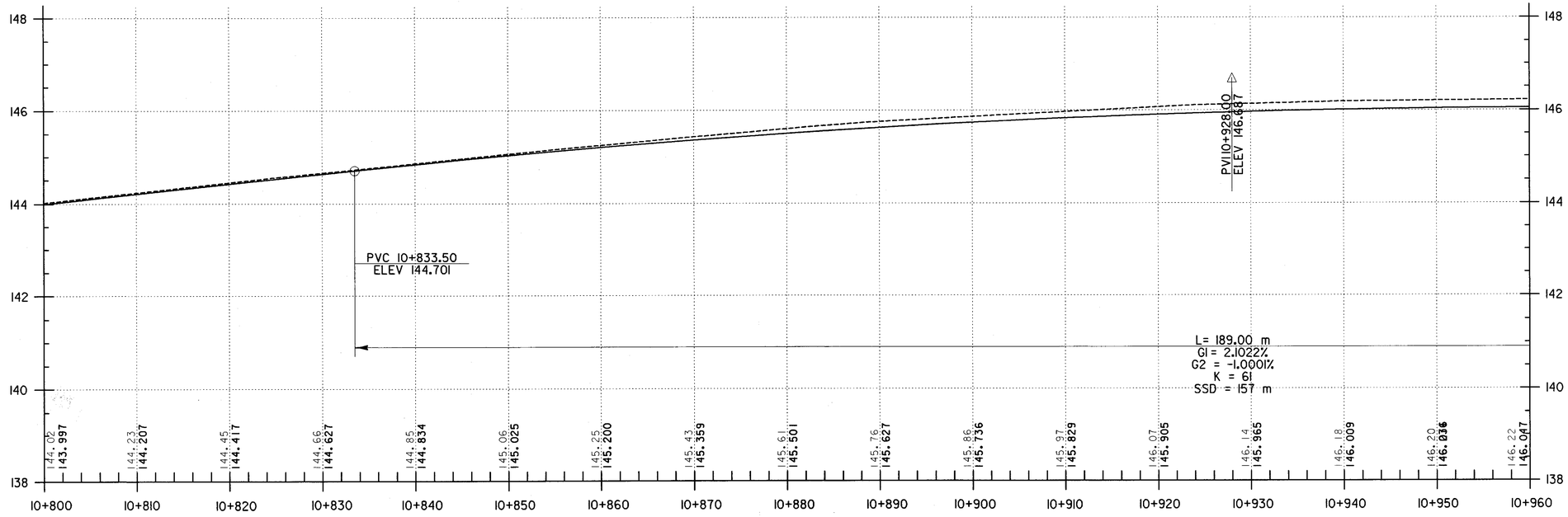
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VERTICAL SCALE = 1:50

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\CIVIL\Sheet\Profiles\zb051prsht2segl.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: R.ROSS
SHEET: 35 OF 92

Metric



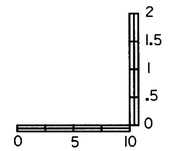


FOR CONTINUATION
OF PROFILE SEE
SHEET 37 OF 92

DATUM

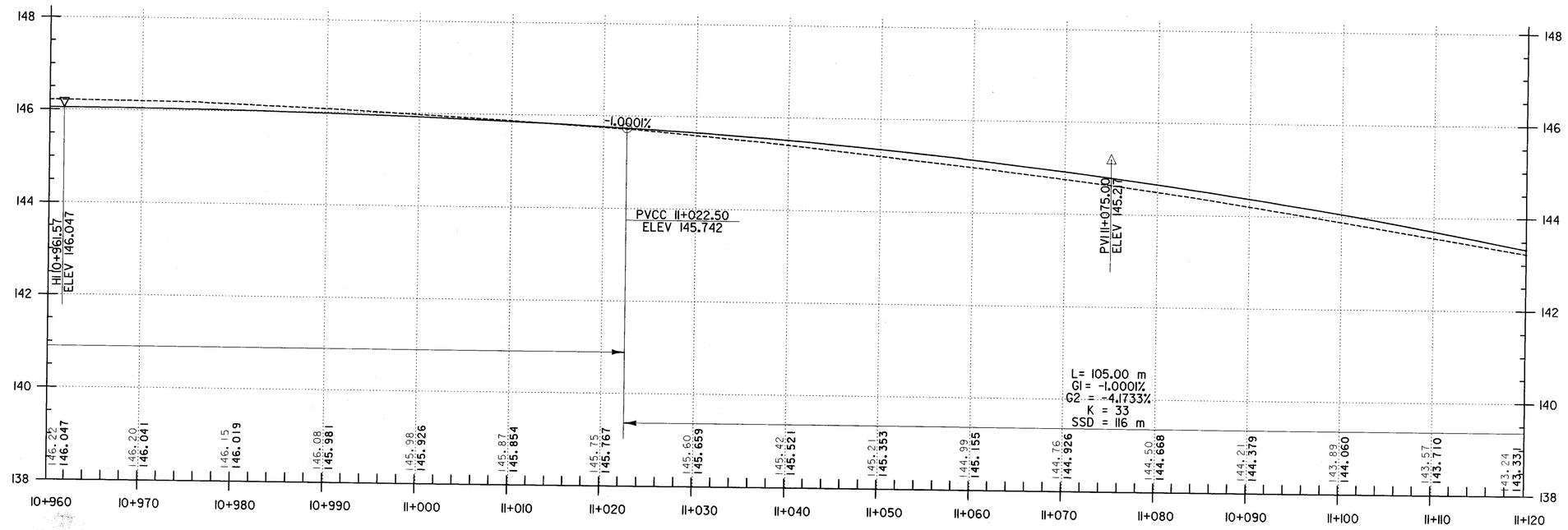
VERTICAL NAVD 88
HORIZONTAL NAD 83

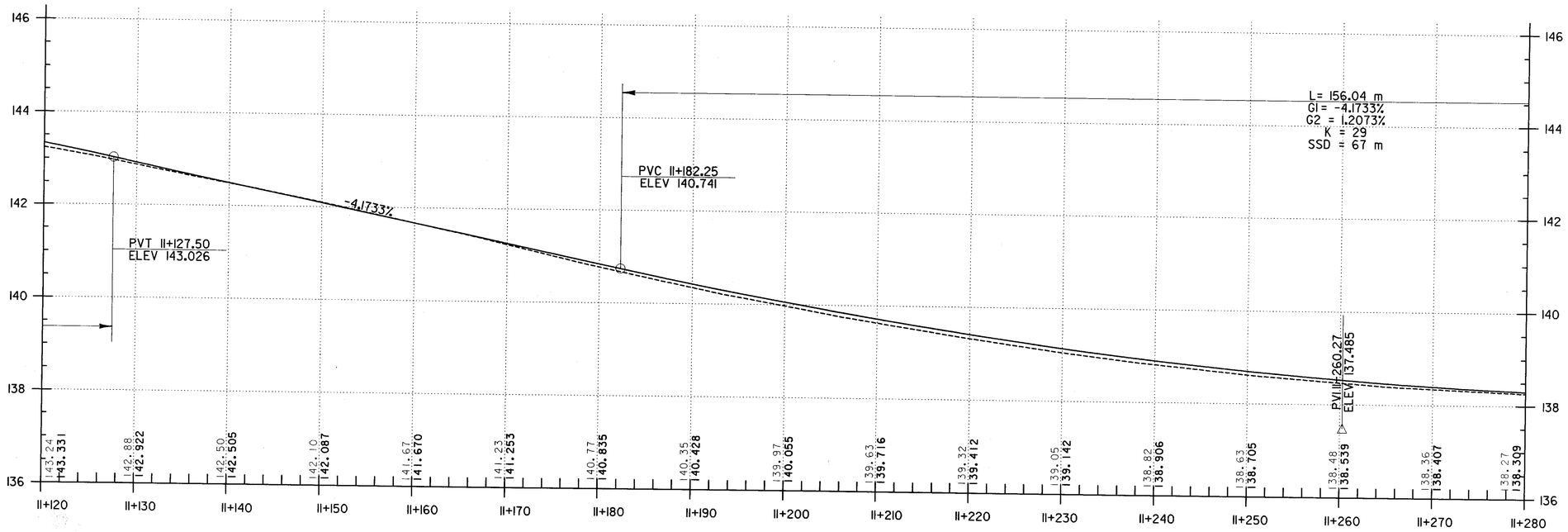
US ROUTE 7 PROFILE (SOUTHERN SEGMENT)



HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05iprsht3segl.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: R.ROSS
	SHEET: 36 OF 92



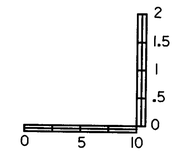


FOR CONTINUATION
OF PROFILE SEE
SHEET 38 OF 92

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

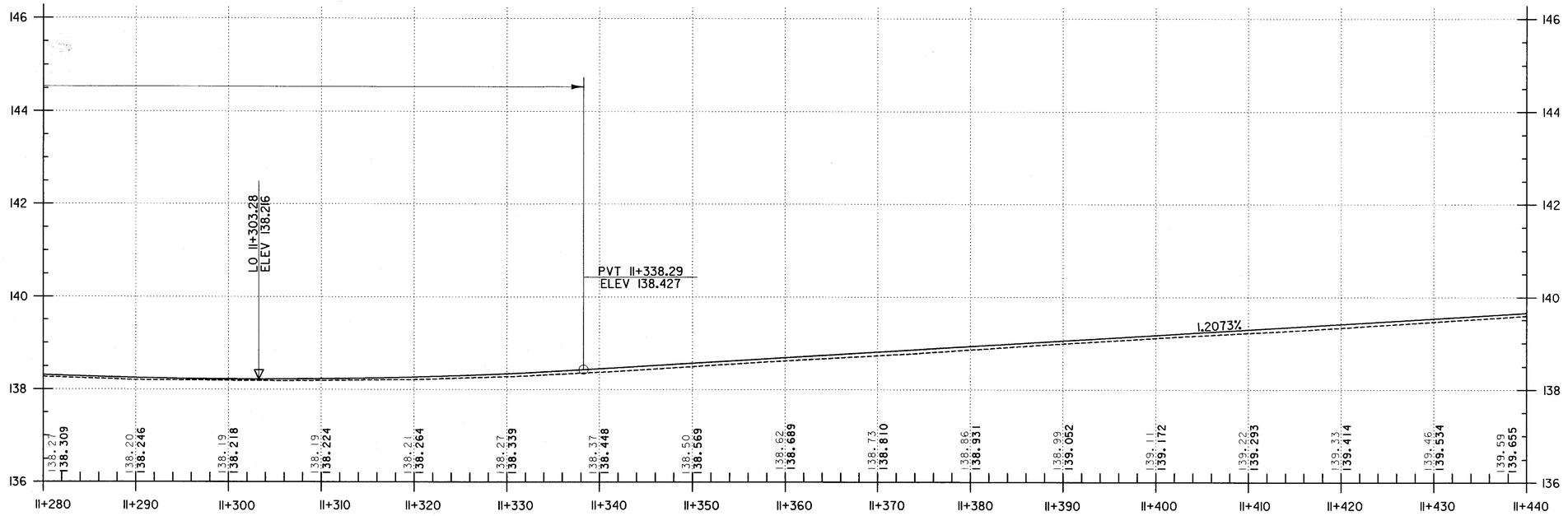
US ROUTE 7 PROFILE (SOUTHERN SEGMENT)

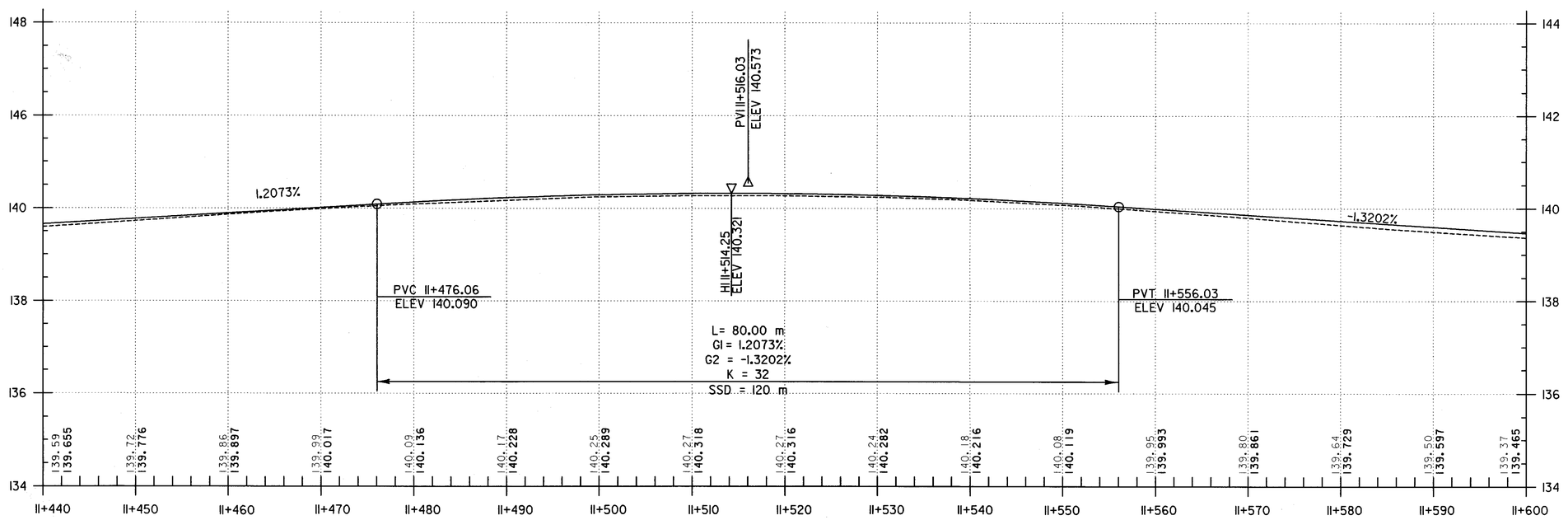


HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

PROJECT: BRANDON-LEICESTER
PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lprsht4segl.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: R.ROSS
SHEET: 37 OF 92

Metric



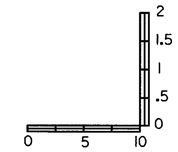


FOR CONTINUATION
OF PROFILE SEE
SHEET 39 OF 92

DATUM

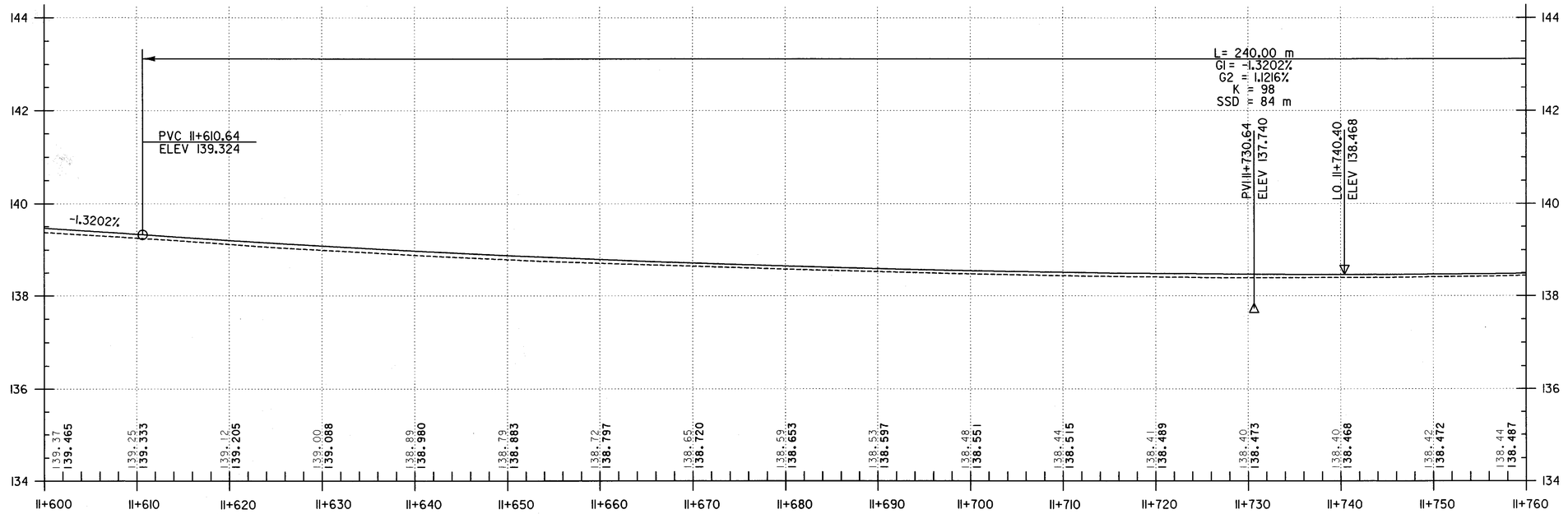
VERTICAL NAVD 88
HORIZONTAL NAD 83

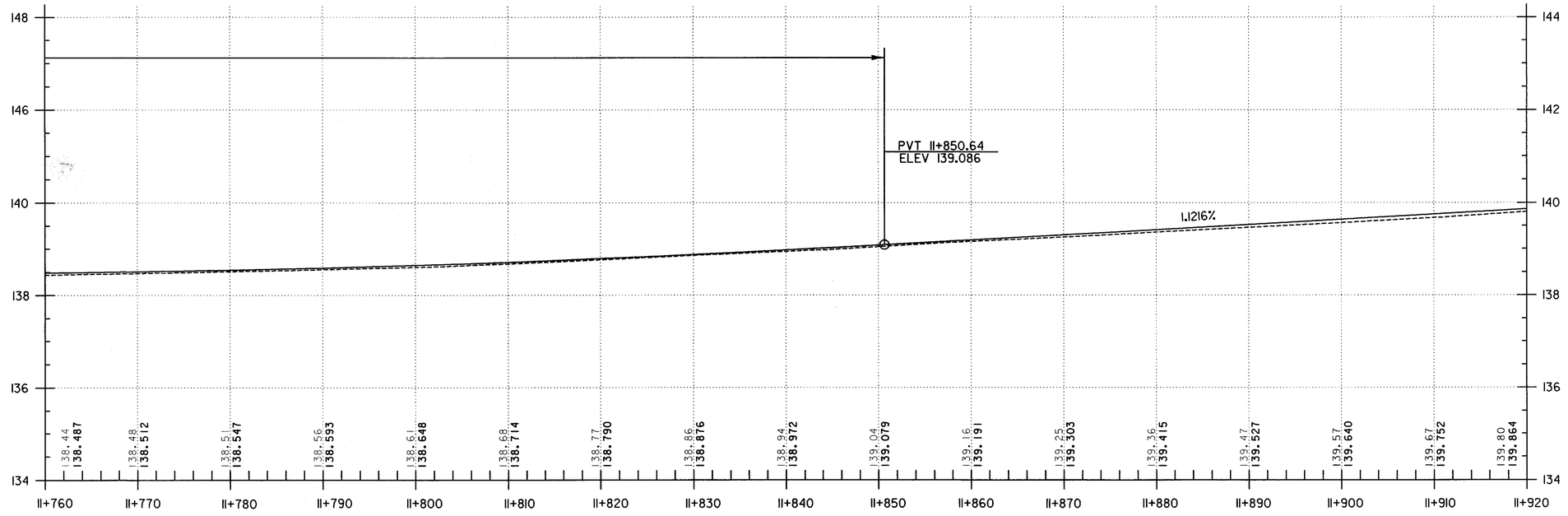
US ROUTE 7 PROFILE (SOUTHERN SEGMENT)



HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lprsht5segl.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: R.ROSS
	SHEET: 38 OF 92



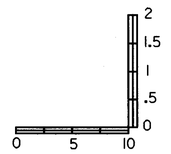


FOR CONTINUATION
OF PROFILE SEE
SHEET 40 OF 92

DATUM

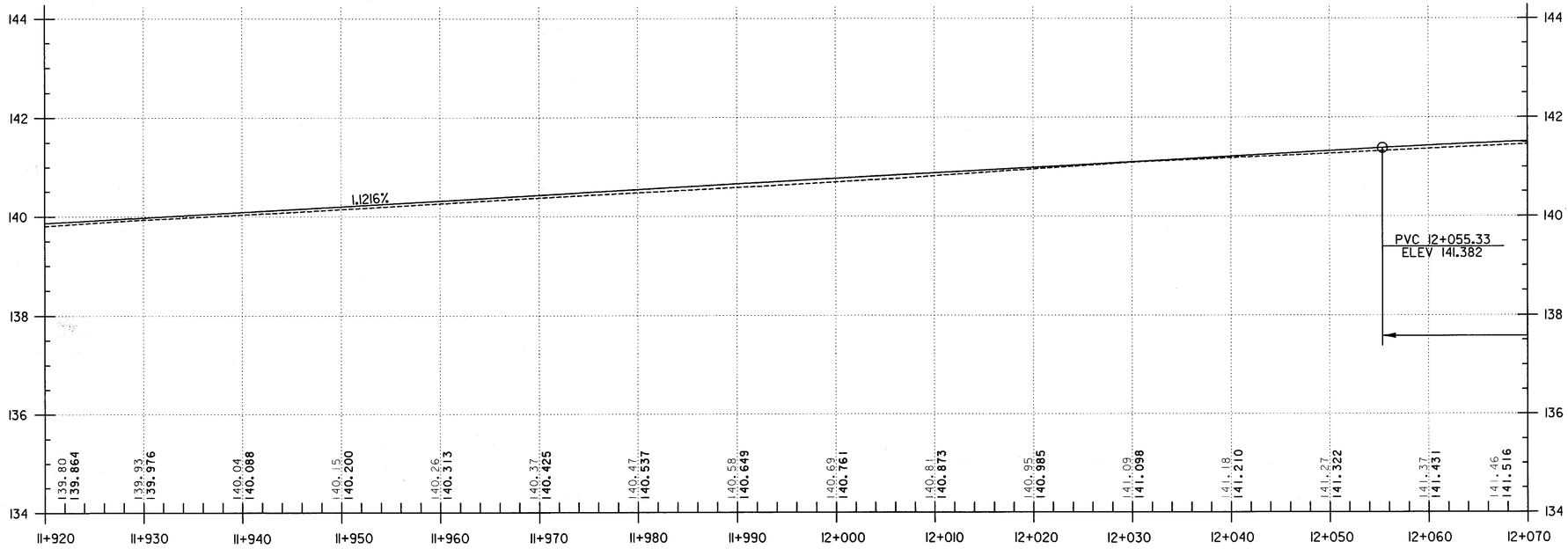
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

US ROUTE 7 PROFILE (SOUTHERN SEGMENT)



HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lprsht6segl.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: R.ROSS
	SHEET: 39 OF 92

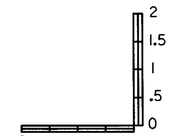


FOR CONTINUATION
OF PROFILE SEE
SHEET 41 OF 92

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

US ROUTE 7 PROFILE (SOUTHERN SEGMENT)

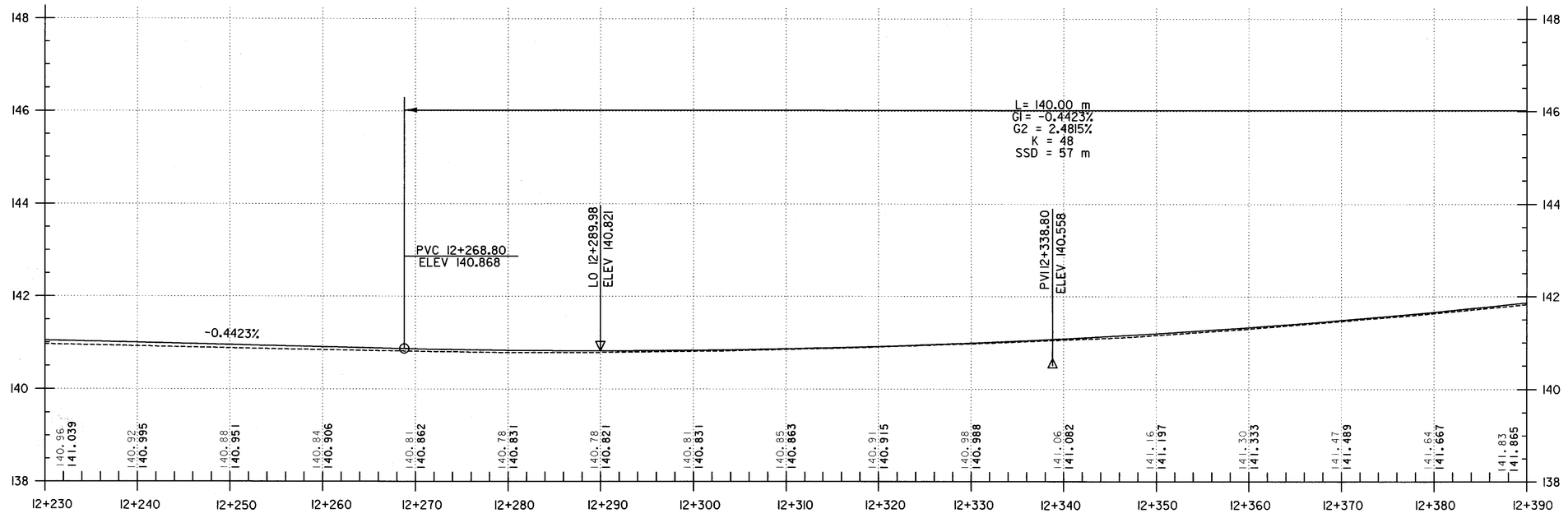


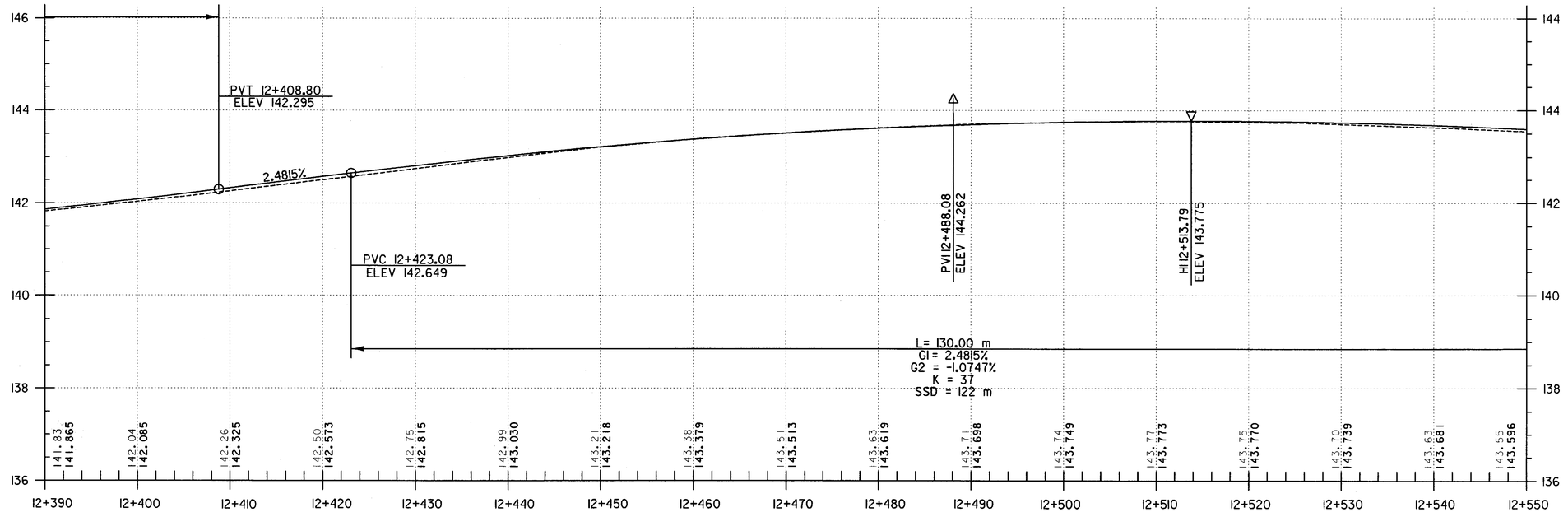
HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: p:\CIVIL\Sheet\Profiles\zb05lprsht7segl.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: R.ROSS
SHEET: 40 OF 92



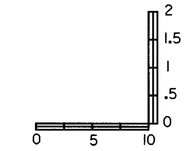


FOR CONTINUATION
OF PROFILE SEE
SHEET 42 OF 92

DATUM

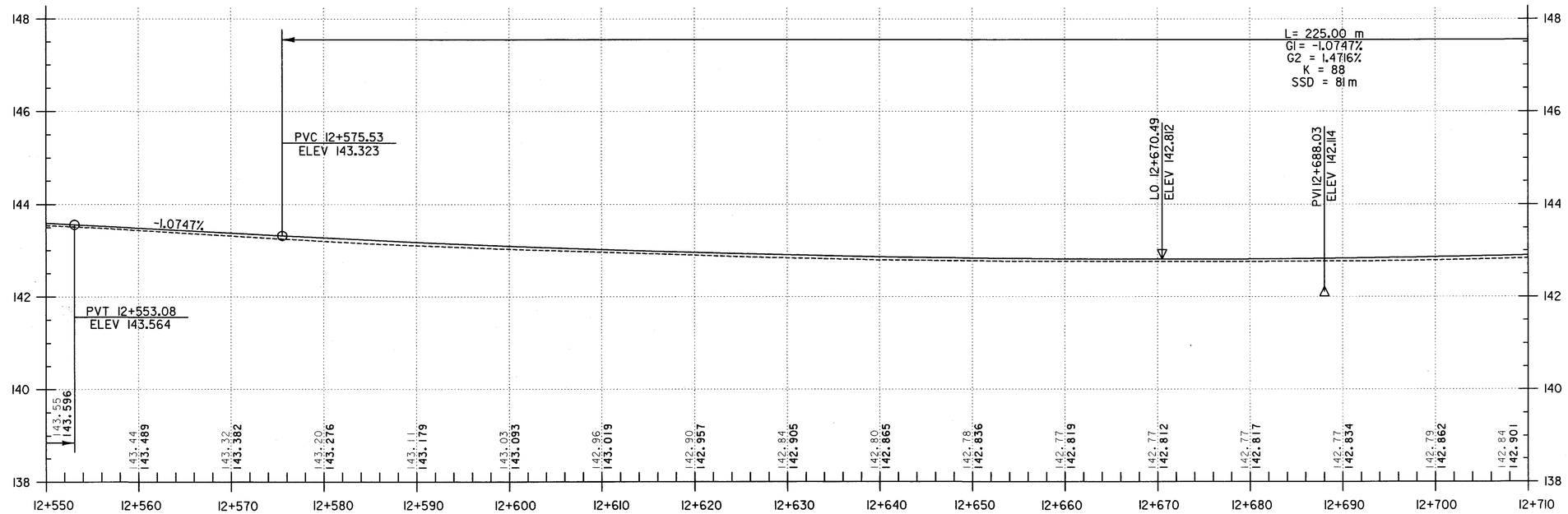
VERTICAL NAVD 88
HORIZONTAL NAD 83

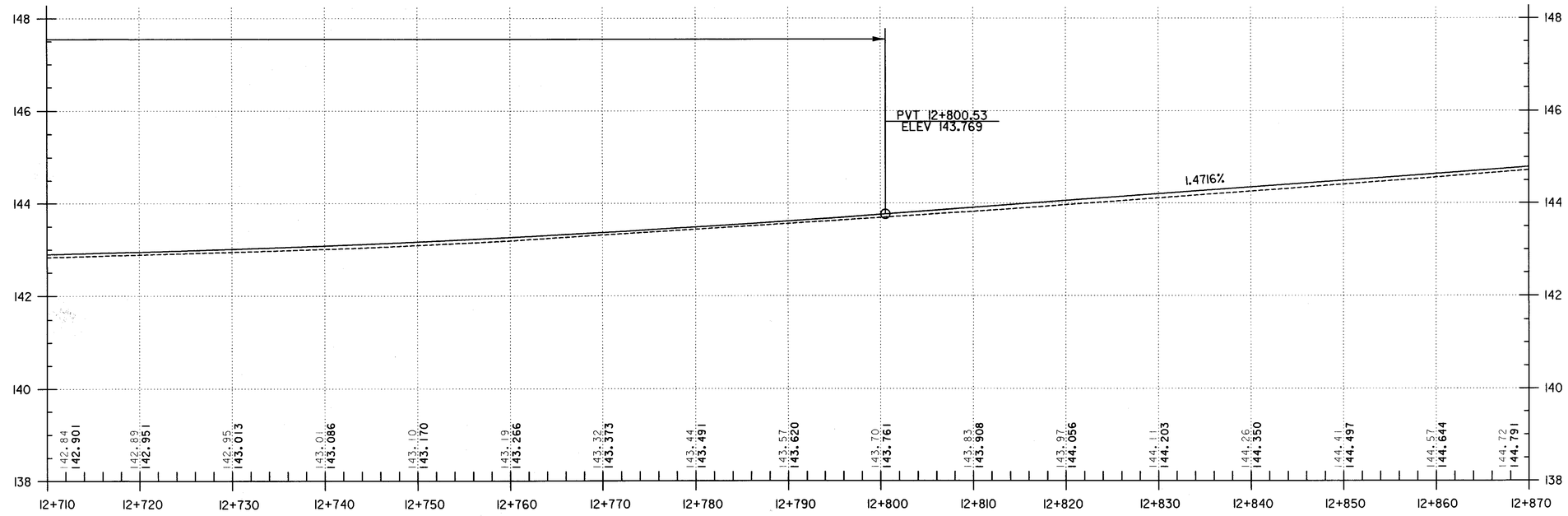
US ROUTE 7 PROFILE (SOUTHERN SEGMENT)



HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\CIVIL\Sheet\Profiles\zb05lprsht8segl.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: R.ROSS
	SHEET: 41 OF 92



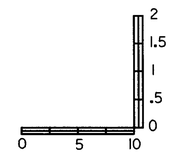


FOR CONTINUATION
OF PROFILE SEE
SHEET 43 OF 92

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

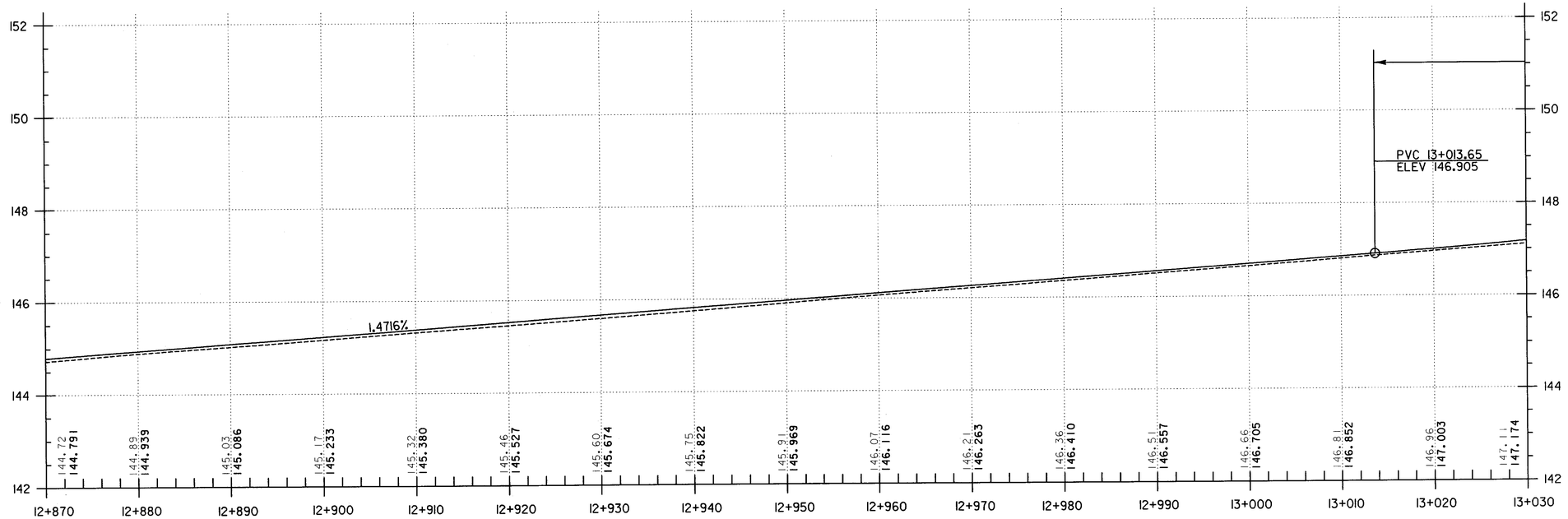
US ROUTE 7 PROFILE (SOUTHERN SEGMENT)

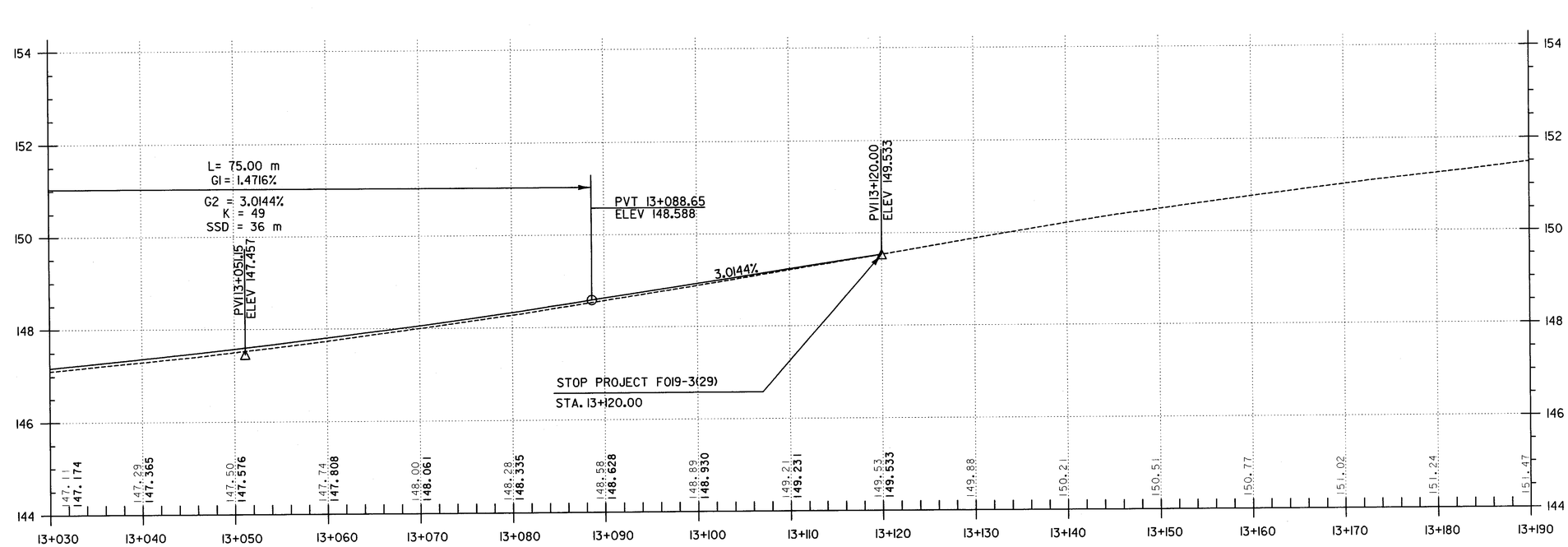


HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lprsht9segl.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: R.ROSS
	SHEET: 42 OF 92

Metric



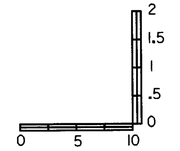


FOR CONTINUATION OF PROJECT SEE SHEET 45 OF 76

DATUM

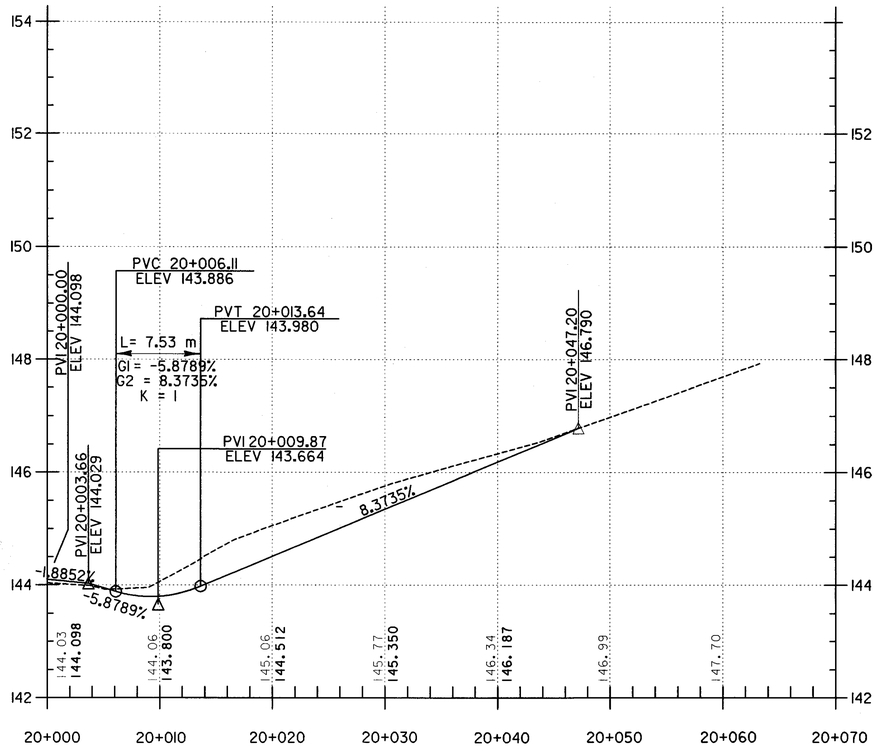
VERTICAL NAVD 88
HORIZONTAL NAD 83

US ROUTE 7 PROFILE (SOUTHERN SEGMENT)

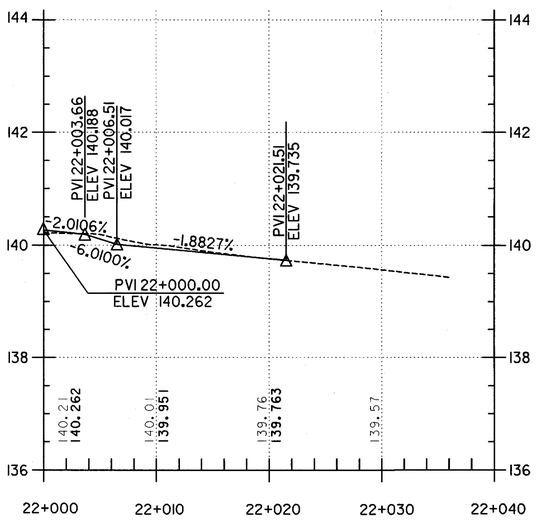


HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

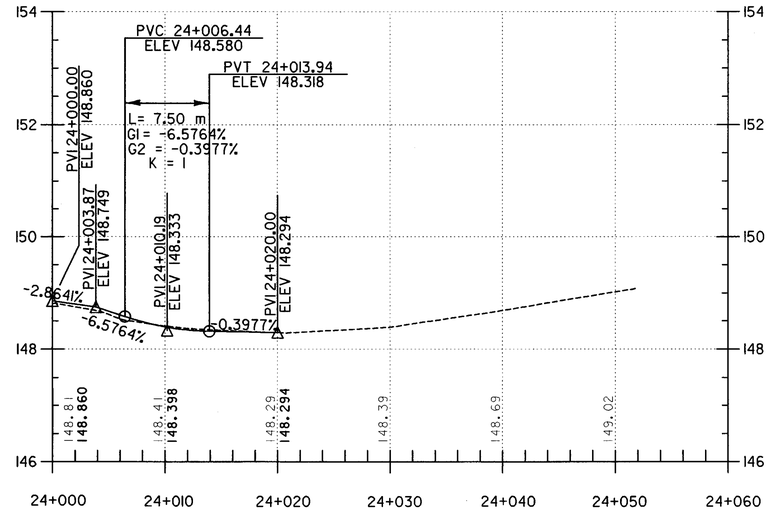
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lprsht10segl.dgn	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: R.ROSS
	SHEET: 43 OF 92



LOVERS LANE



LARCH LANE



TOWN LINE DRIVE

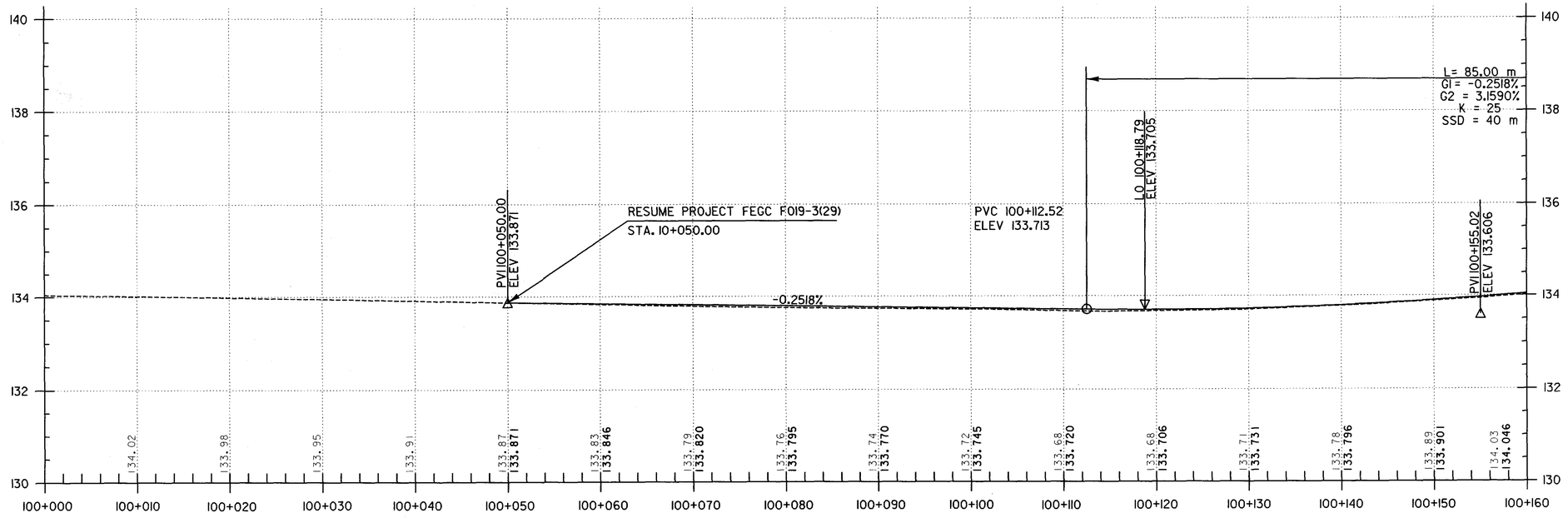
DATUM

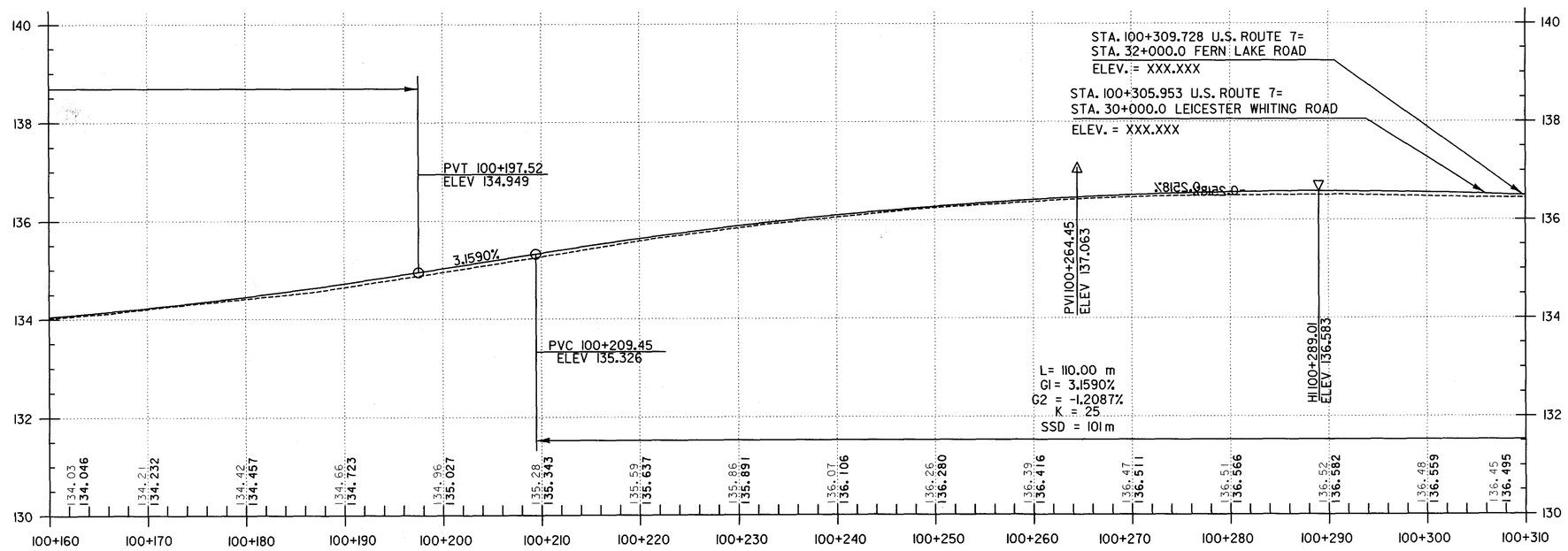
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

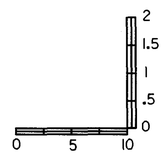
DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lsldestreetprofisegl.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: R.ROSS
SHEET: 44 OF 92

Metric





FOR CONTINUATION
OF PROFILE SEE
SHEET 46 OF 92



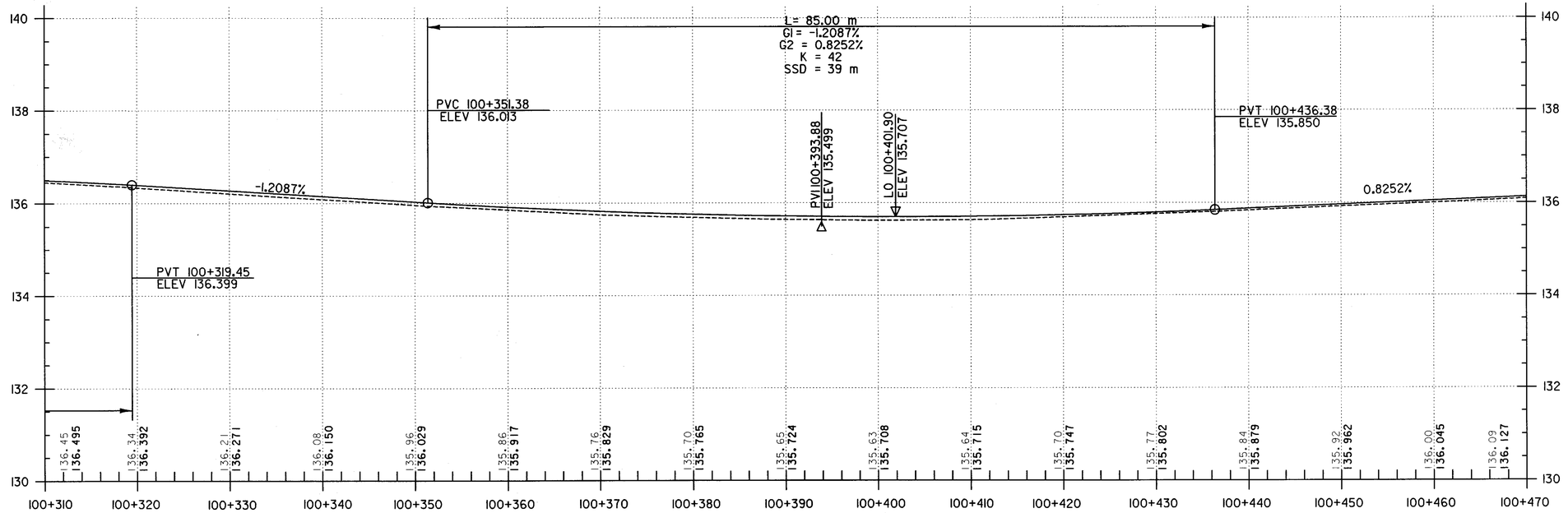
HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

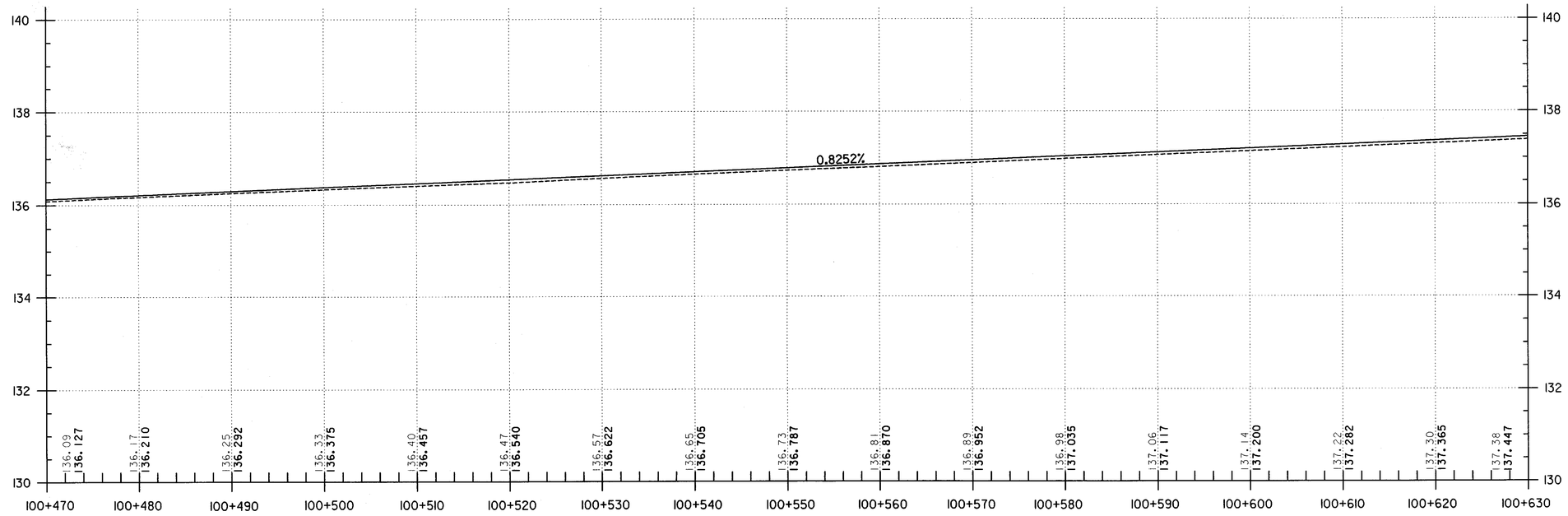
US ROUTE 7 PROFILE (NORTHERN SEGMENT)

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lprsht1seg2.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: R.ROSS
	SHEET: 45 OF 92

Metric

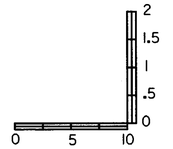




FOR CONTINUATION
OF PROFILE SEE
SHEET 47 OF 92

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

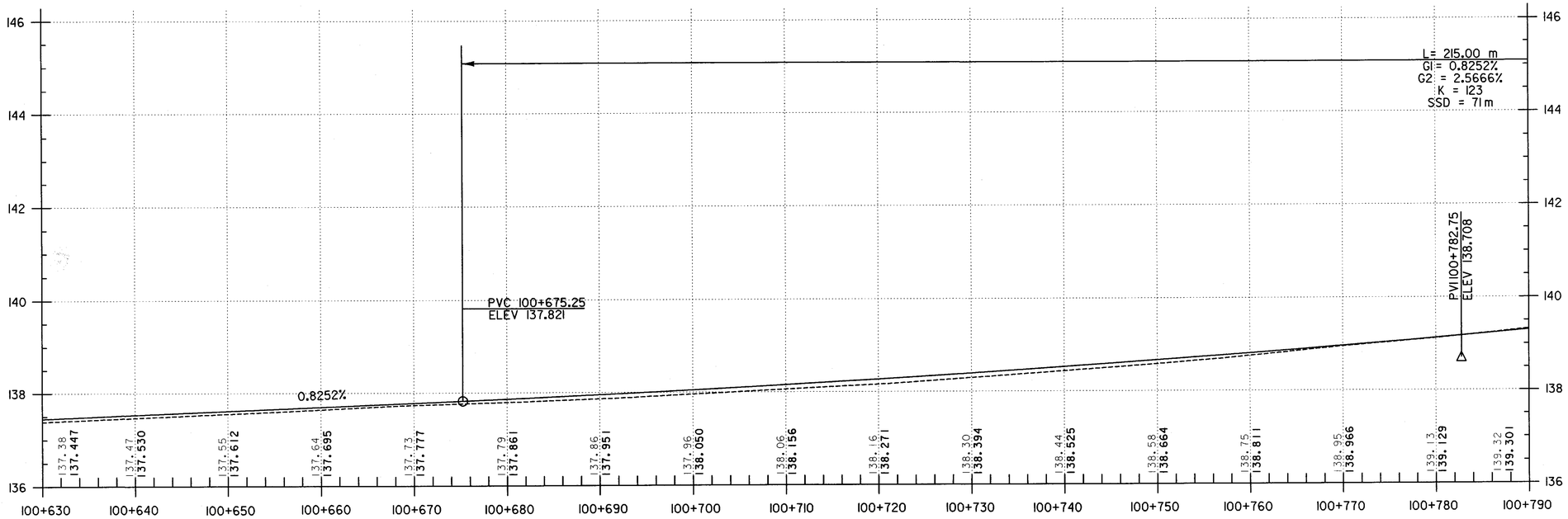
US ROUTE 7 PROFILE (NORTHERN SEGMENT)

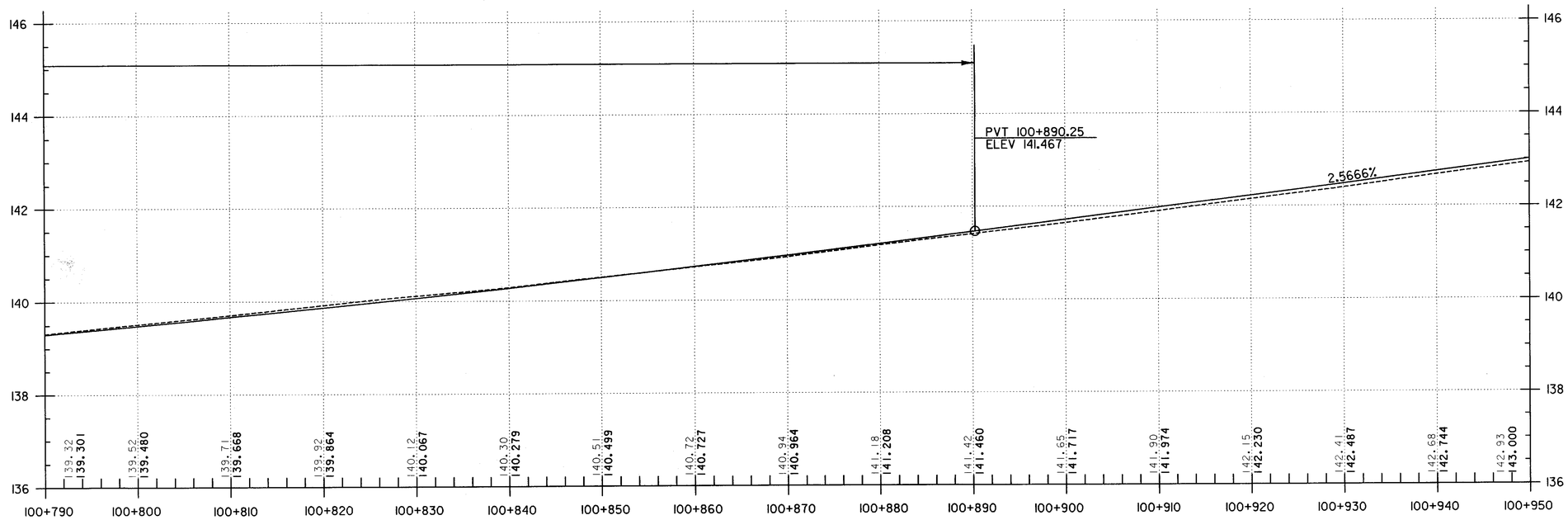


HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05prsht2seg2.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: R.ROSS
SHEET: 46 OF 92



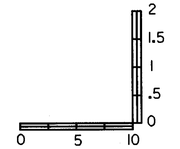


FOR CONTINUATION
OF PROFILE SEE
SHEET 48 OF 92

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

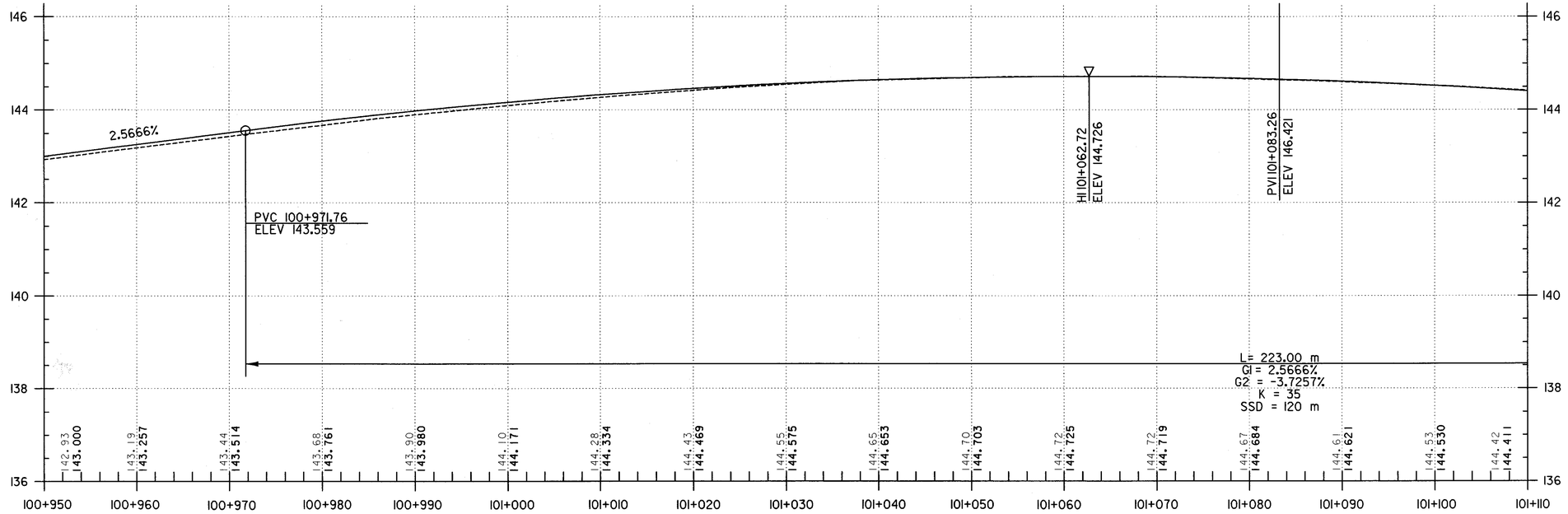
US ROUTE 7 PROFILE (NORTHERN SEGMENT)

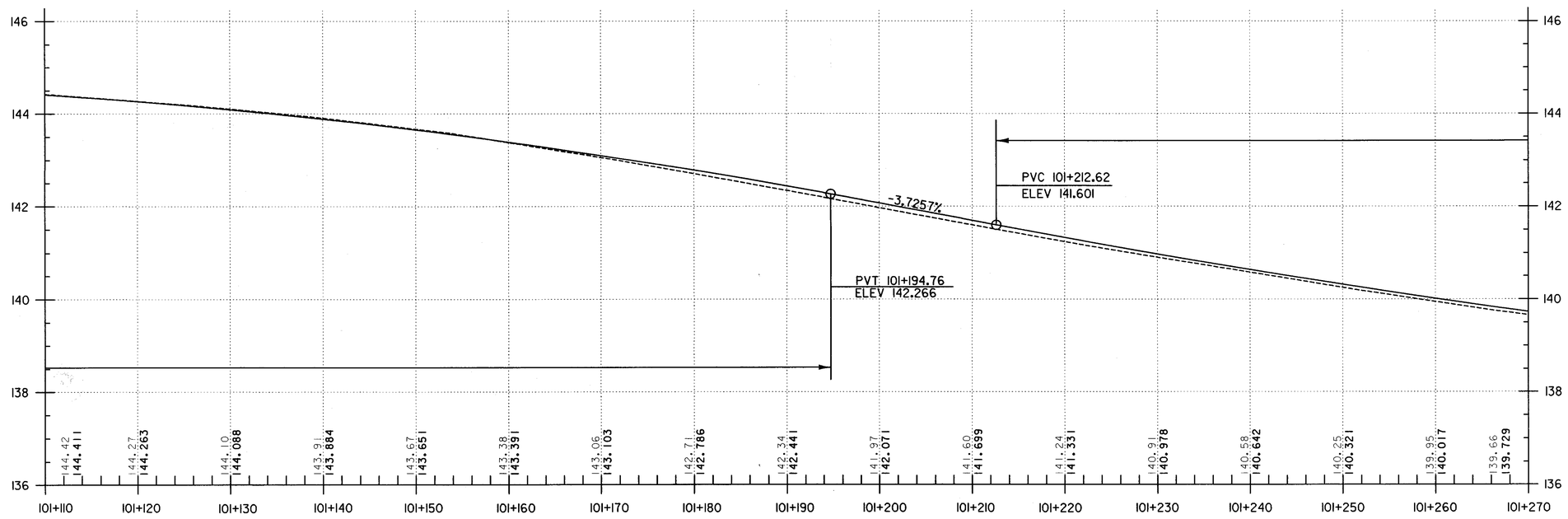


HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

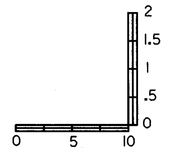
PROJECT: BRANDON-LEICESTER
PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05prsht3seg2.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: R.ROSS
SHEET: 47 OF 92





FOR CONTINUATION
OF PROFILE SEE
SHEET 49 OF 92



HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

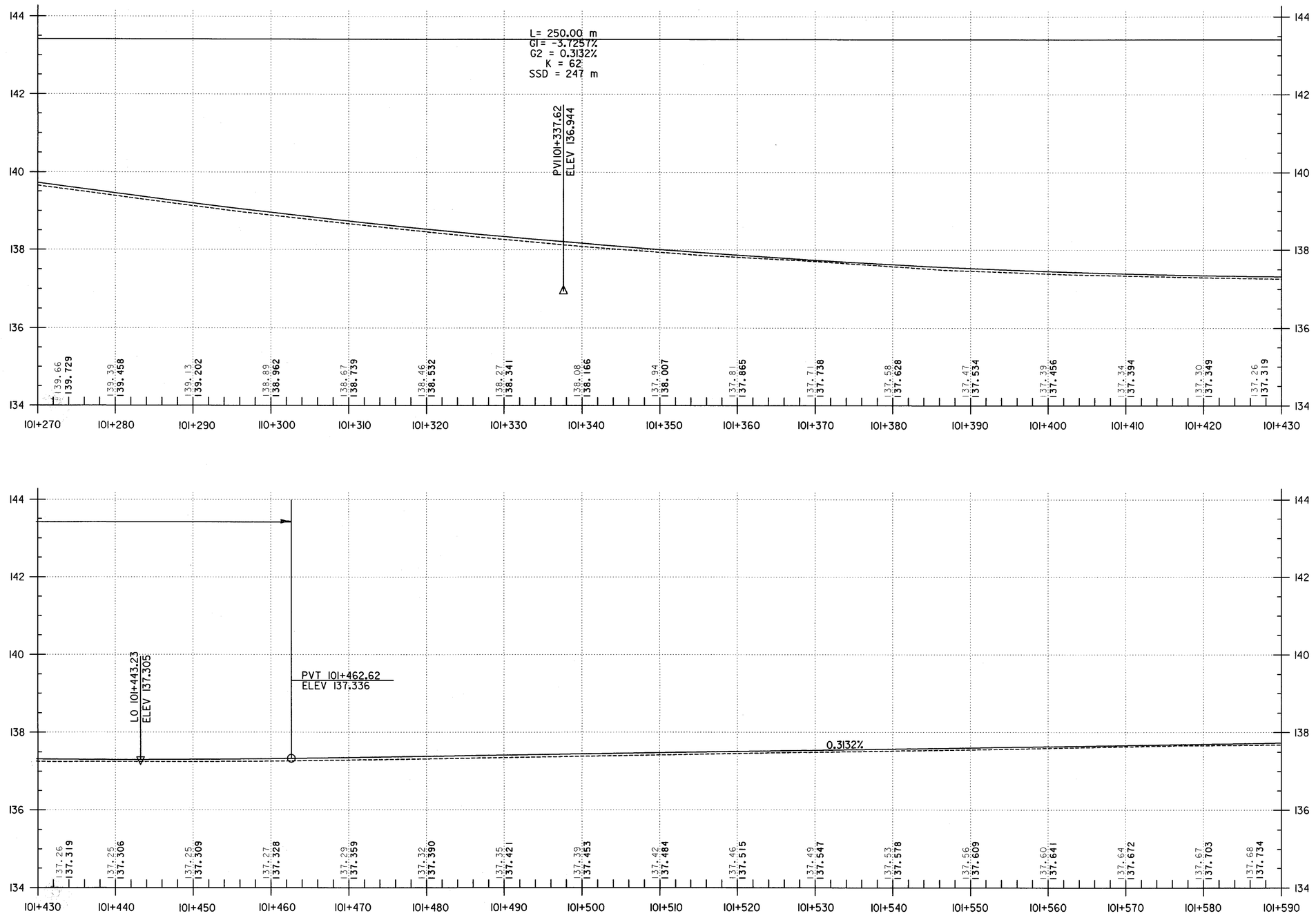
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

US ROUTE 7 PROFILE (NORTHERN SEGMENT)

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

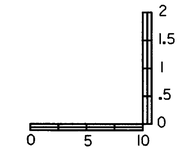
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IPARM FILE NAME:
SURVEYED BY: VAOT — PLOT DATE: 07/19/2002
SQUAD LEADER: L. ORVIS P.C. — SURVEY DATE: 06-29-2000
DRAWN BY: R.ROSS
SHEET: 48 OF 92



FOR CONTINUATION OF PROFILE SEE SHEET 50 OF 92

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

US ROUTE 7 PROFILE (NORTHERN SEGMENT)

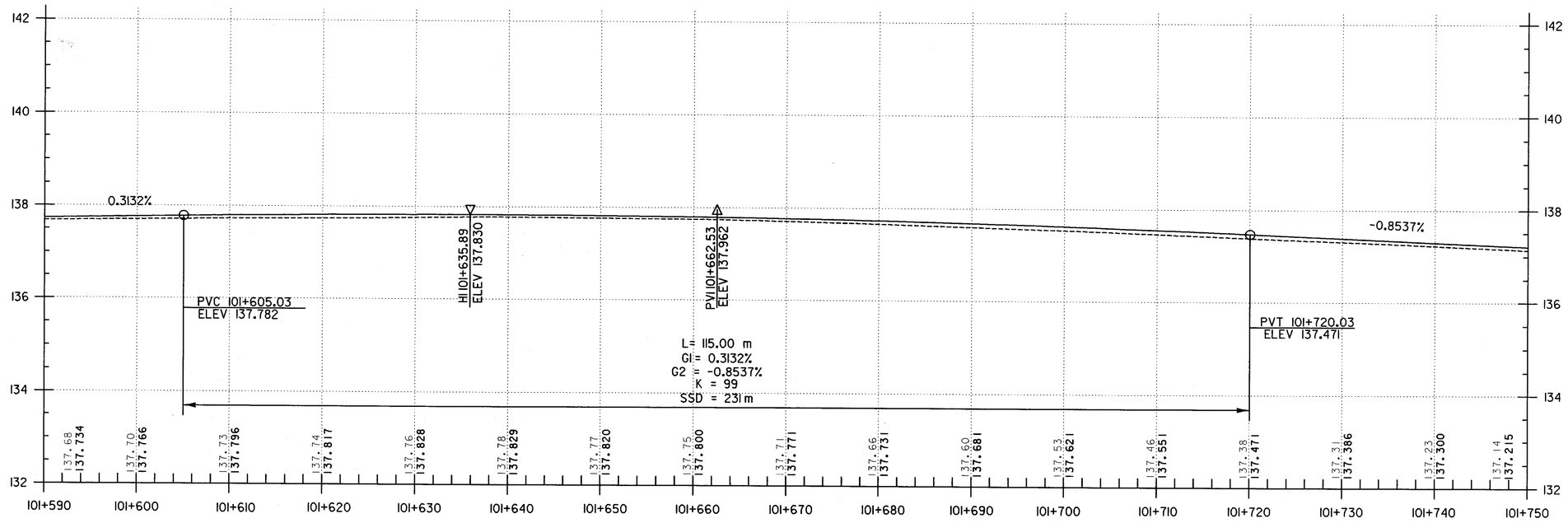


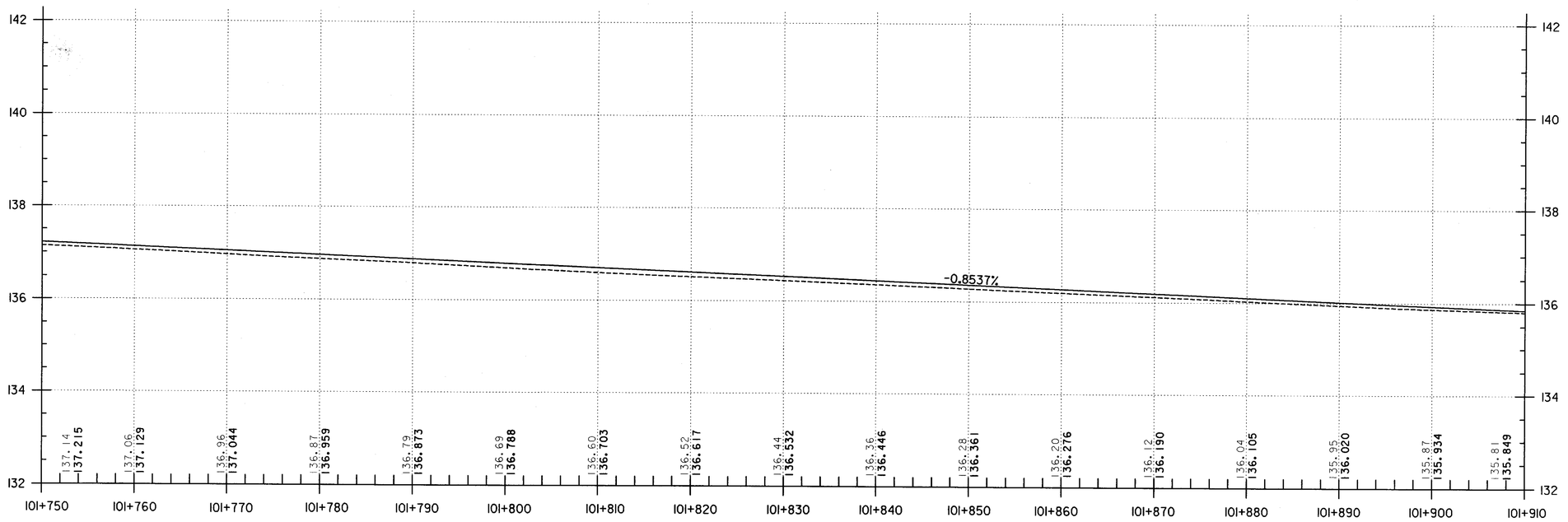
HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lprsht5seg2.dgn
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: R.ROSS
SHEET: 49 OF 92

Metric



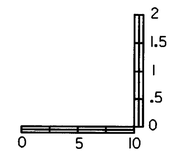


FOR CONTINUATION
OF PROFILE SEE
SHEET 51 OF 92

DATUM

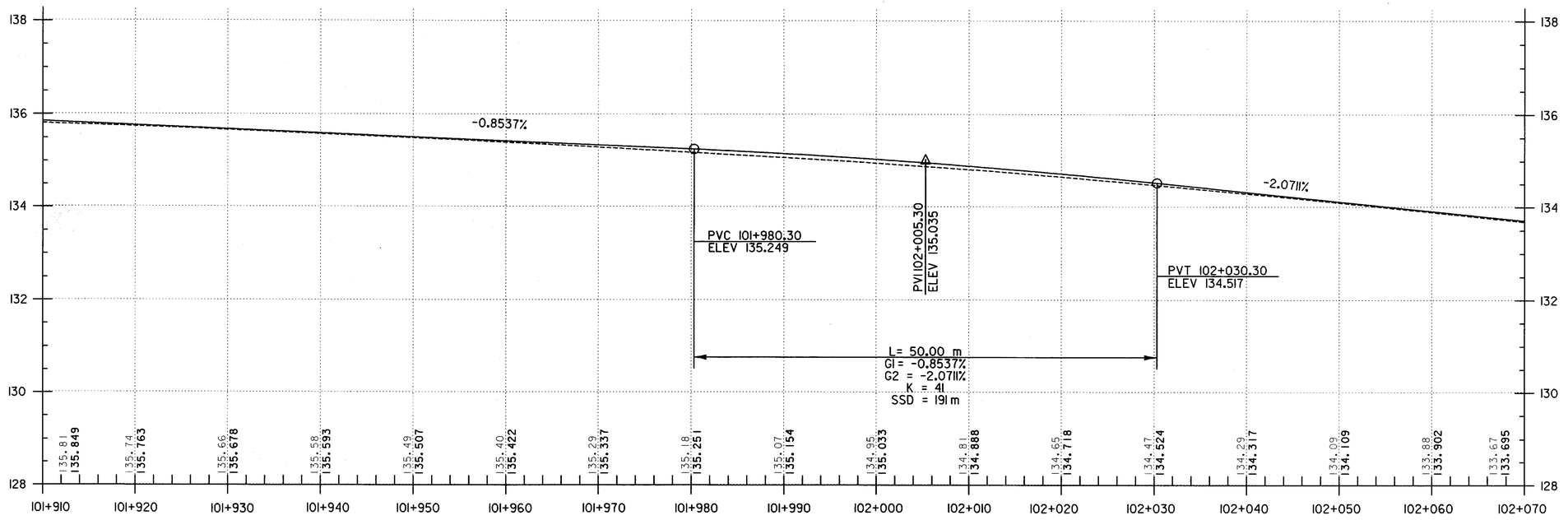
VERTICAL NAVD 88
HORIZONTAL NAD 83

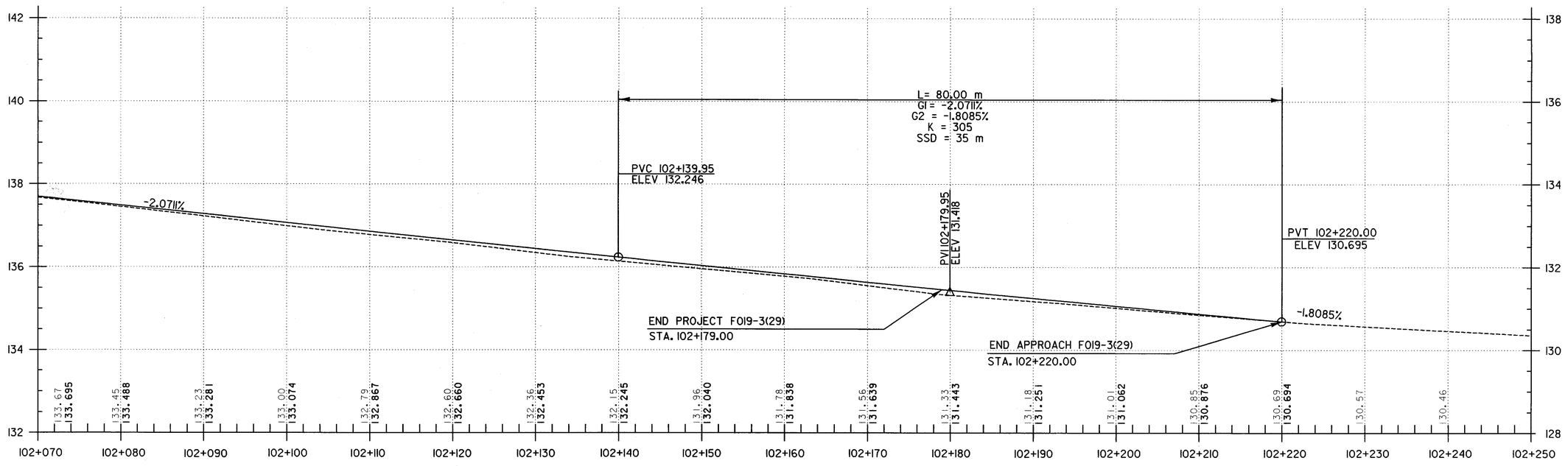
US ROUTE 7 PROFILE (NORTHERN SEGMENT)



HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

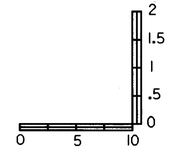
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DESIGN FILE NAME: p:\Civil\Sheet\Profiles\zb05lprsht6seg2.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: R.ROSS
	SHEET: 50 OF 92





DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

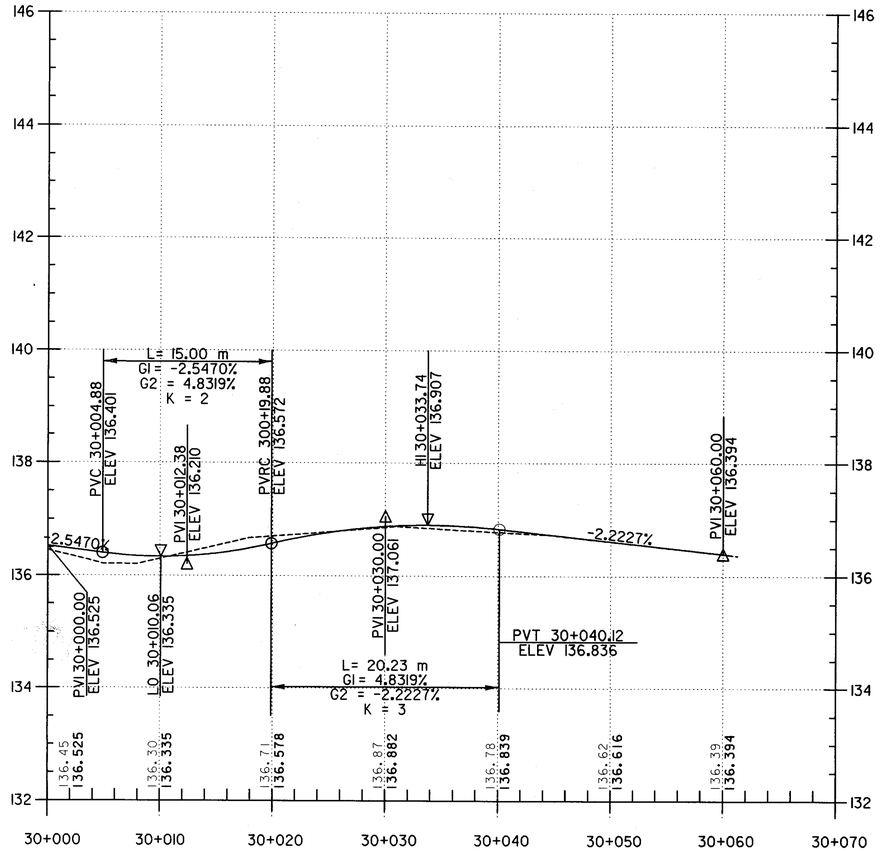
US ROUTE 7 PROFILE (NORTHERN SEGMENT)



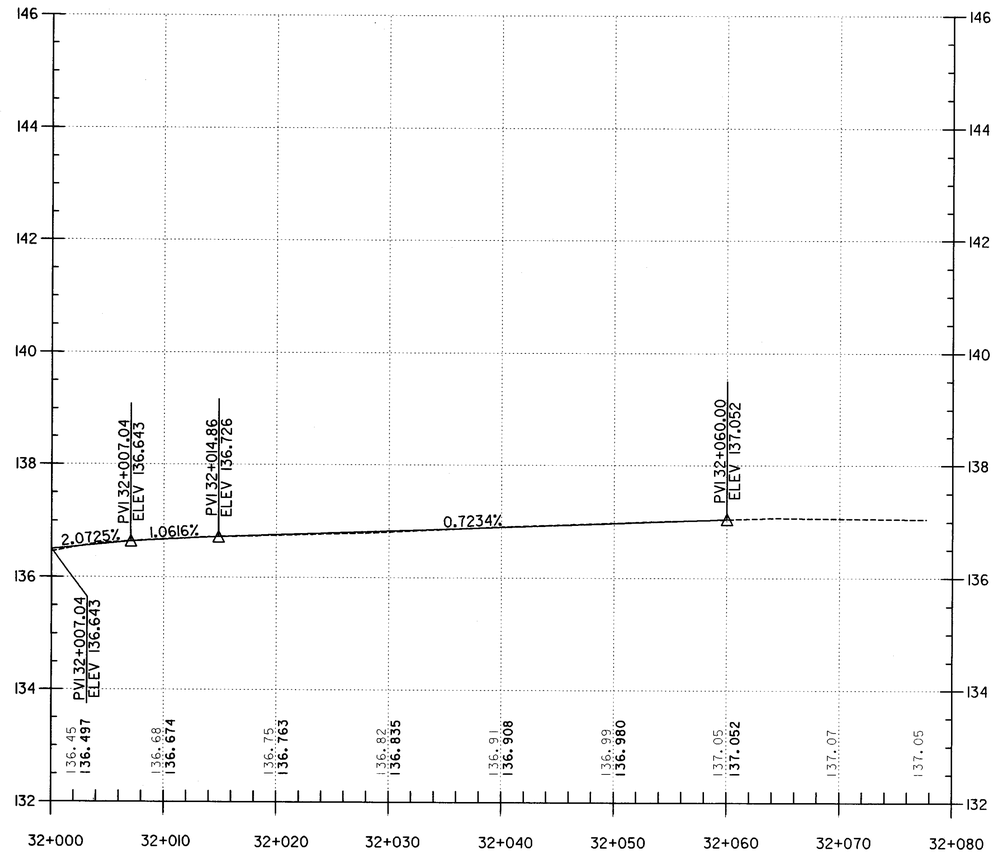
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VERTICAL SCALE = 1:50

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

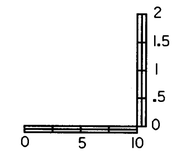
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SURVEYED BY: VAOT SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C. DRAWN BY: R.ROSS
SHEET: 51 OF 92



FERN LAKE ROAD



LEICESTER WHITING ROAD



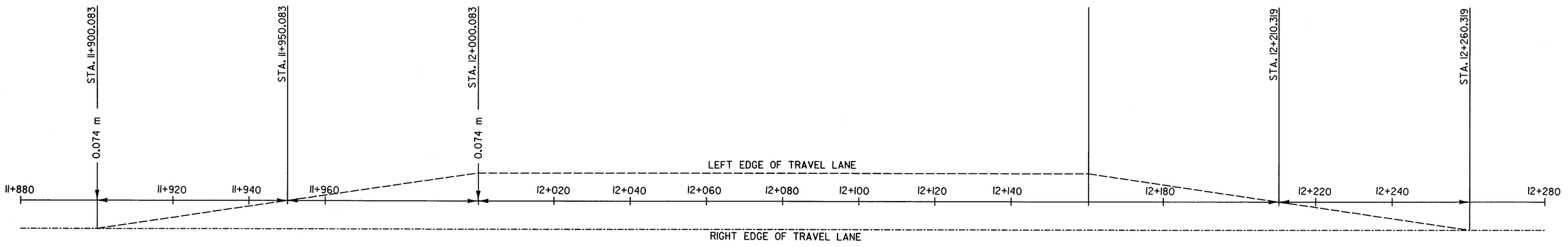
HORIZONTAL SCALE = 1:250
VERTICAL SCALE = 1:50

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

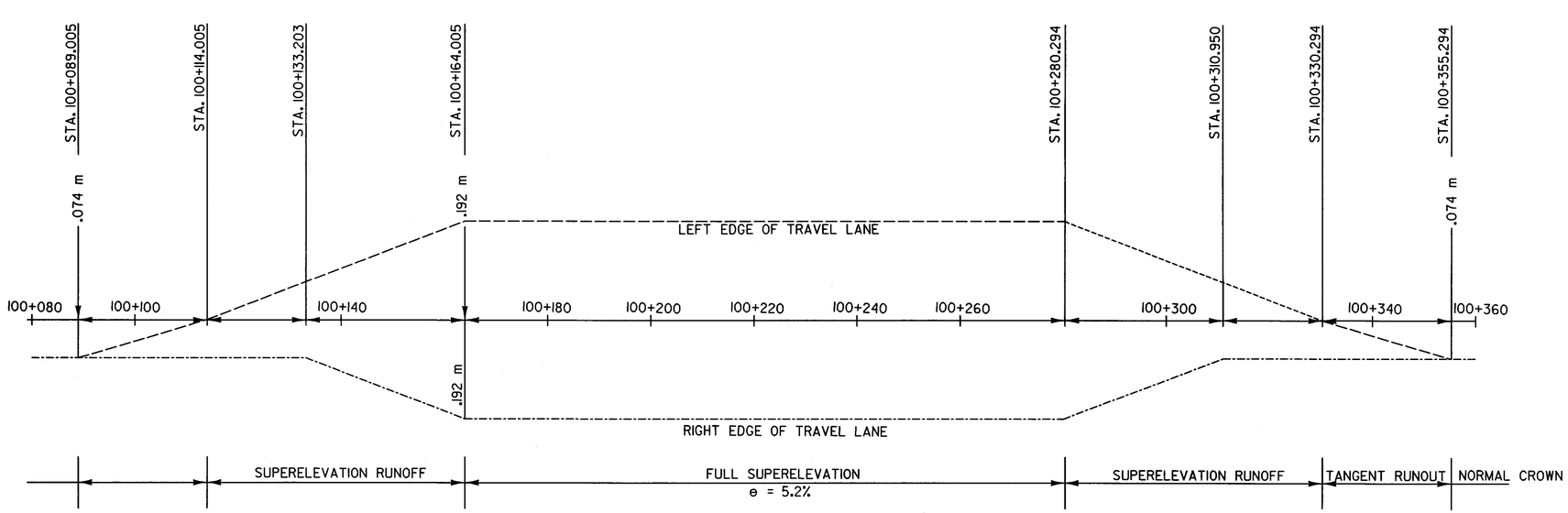
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

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SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: R.ROSS
SHEET: 52 OF 92

Metric



CURVE NO. 3



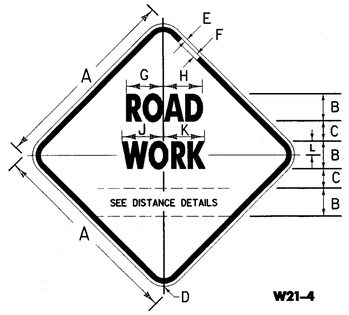
CURVE NO. 5

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

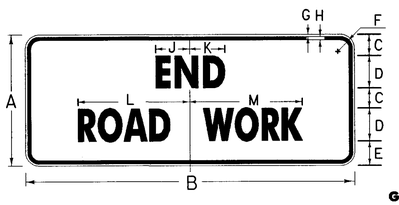
0 10 20 30
SCALE IN METERS

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (19)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\zb051mdl.dgn	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: A. N. BEY
	SHEET: OF 94



W21-4

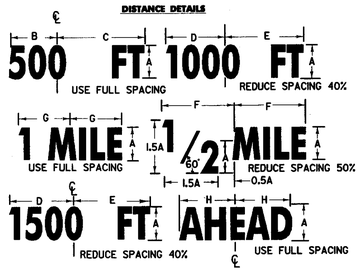
DIMENSIONS (mm)												
	A	B	C	D	E	F	G	H	J	K	L
STD.	1200	175C	120	75 R.	20	30	244	253	267	268	114
URBAN	900	125C	88	55 R.	15	20	173	180	189	192	82

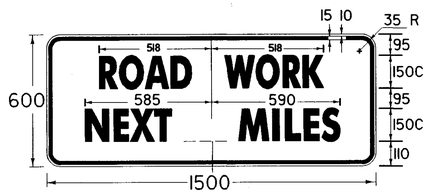


G20-2A

DIMENSIONS (mm)												
	A	B	C	D	E	F	G	H	J	K	L	M
STD.	600	1500	95	150C	110	35 R.	10	15	148	152	517	518
URBAN	600	900	110	125B	130	35 R.	15	20	98	101	365	365

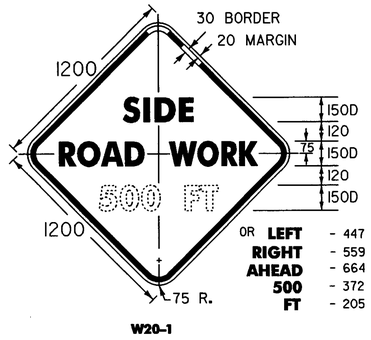
DISTANCE DETAILS





G20-1

THIS SIGN TO BE USED WHEN PROJECT LENGTH EXCEEDS 3 km OR AS REQUESTED BY THE RESIDENT ENGINEER. SHOW DISTANCE TO NEAREST '1/4 MILE' USING FRACTIONS, NOT DECIMALS. HAND LETTERING OF DISTANCE WILL NOT BE ALLOWED.

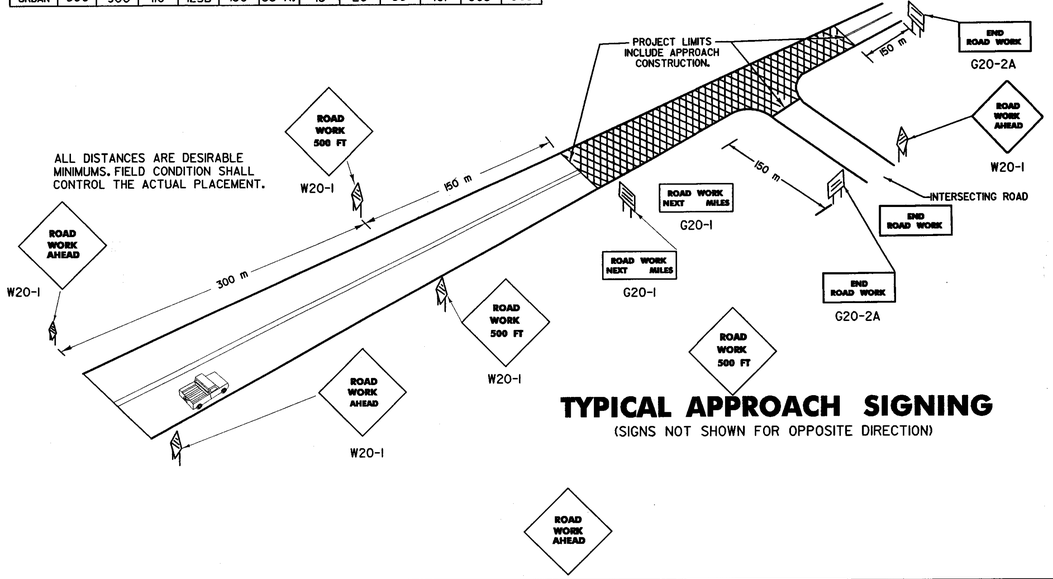


W20-1

DIMENSIONS (mm)								
A	B	C	D	E	F	G	H
125D	258	274	295	285	285	241	276
150C	263	266	285	304	317	232	267
175C	305	310	333	355	370	270	311
200D	412	438	432	457	457	365	443

NOTE:

THE 'END ROAD WORK' SIGN MAY BE PLACED BACK TO BACK WITH THE 'ROAD WORK 500 FT.' SIGN THAT WILL BE SET UP FOR CARS TRAVELING IN THE OPPOSITE DIRECTION.



TYPICAL APPROACH SIGNING

(SIGNS NOT SHOWN FOR OPPOSITE DIRECTION)

NOTES

THE SIGNS SHOWN ON THIS SHEET ARE INTENDED FOR USE IN PROVIDING ADVANCE WARNING AND INFORMATION ON CONSTRUCTION PROJECTS OVER WHICH TRAFFIC WILL BE MAINTAINED. WHERE ADDITIONAL APPROACH SIGNS OR OTHER TYPES OF ADVANCE SIGNING OR CONTROL ARE NECESSARY, THE PLANS AND/OR THE SPECIFICATIONS FOR THAT PROJECT WILL GIVE THE DETAILS OF THE SIGNS AND DEVICES REQUIRED. FOR ON-PROJECT CONSTRUCTION SIGNS, REFER TO APPROPRIATE STANDARD SHEETS.

APPLICATION OF STANDARDS

BECAUSE IT IS NOT POSSIBLE TO PRESCRIBE DETAILED STANDARDS OF APPLICATION FOR ALL OF THE SITUATIONS THAT MAY CONCEIVABLY ARISE ON A CONSTRUCTION PROJECT, REFERENCE SHALL BE MADE TO THE MUTCD FOR THE PRINCIPLES, PROCEDURES AND STANDARDS THAT WILL BE REQUIRED IN CONNECTION WITH ADVANCED WARNING AND ON-PROJECT CONSTRUCTION SIGNS AND BARRICADES. THE SIGNS SHOWN IN E-101M AND E-102M REPRESENT A SAMPLE OF THOSE MORE COMMONLY USED.

LOCATION

THE SIGNS SHALL BE LOCATED AS DETAILED ON THIS SHEET OR AS OTHERWISE SHOWN ON THE PLANS. THEY SHALL APPEAR AT EACH END OF THE HIGHWAY UNDER CONSTRUCTION AND ON ALL INTERSECTING PUBLIC HIGHWAYS. THE EXACT PLACEMENT OF ANY SIGN WILL DEPEND UPON THE ALIGNMENT INTENDED TO INDICATE THE SEQUENCE TO BE FOLLOWED AND THE APPROXIMATE SPACING TO BE OBSERVED. THE ENGINEER SHALL DETERMINE THE EXACT LOCATIONS.

DESIGN

THE DESIGN OF THE SIGNS SHALL CONFORM WITH THE DETAILS SHOWN ON THIS SHEET AND WITH THE STANDARDS PRESCRIBED IN THE MUTCD.

MATERIALS

THE SIGN BASE MATERIAL USED FOR THE SIGNS ON THIS SHEET MAY BE ANY OF THE FOLLOWING, WITH MINIMUM THICKNESS AS NOTED.

FLAT SHEET ALUMINUM	3.18 mm
HIGH DENSITY OVERLAYED PLYWOOD	13 mm, 16 mm OR 19 mm
GALVANIZED SHEET STEEL	2.77 mm

REFLECTORIZATION

ALL REFLECTORIZED MATERIAL SHALL CONSIST OF TYPE IIB OR TYPE III SHEETING.

COLORS

THE COLORS SHALL CONFORM WITH THE STANDARD COLORS ADOPTED BY AASHTO AND APPROVED BY THE FHWA. COLORS SHOWN ON THIS SHEET CONSIST OF BLACK TEXT AND BORDER ON A REFLECTORIZED ORANGE BACKGROUND.

INSTALLATION

THE SIGNS SHALL BE ERECTED BEFORE THE START OF ANY WORK AND SHALL BE COVERED UNTIL WORK COMMENCES, DURING PERIODS OF INACTIVITY, OR UPON COMPLETION OF THE WORK. SIGNS MAY BE REMOVED UPON COMPLETION OF THE WORK AT THE DISCRETION OF THE ENGINEER. EACH SIGN SHALL BE ERECTED IN A NEAT AND WORKMANLIKE MANNER ON POSTS SET SECURELY IN THE GROUND. THE BOTTOM OF A SIGN SHALL BE AT LEAST 2100 mm ABOVE THE EDGE OF PAVEMENT. THE NEAREST EDGE OF A SIGN SHALL BE AT LEAST 1800 mm OUTSIDE THE SHOULDER POINT, 1200 mm OUTSIDE GUARD RAIL, OR 600 mm OUTSIDE CURBING OR SIDEWALK. THE INSTALLATION OF SIGNS SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER. IN URBAN AREAS, THE BOTTOM OF THE SIGN SHALL BE AT LEAST 2100 mm ABOVE THE SIDEWALK.

MAINTENANCE

SIGNS SHALL BE MAINTAINED IN A CLEAN AND LEGIBLE CONDITION SATISFACTORY TO THE ENGINEER. THEY SHALL BE COMPLETELY VISIBLE TO APPROACHING TRAFFIC AT ALL TIMES. THEY SHALL BE KEPT PLUMB AND LEVEL, AND ALWAYS PRESENT A NEAT APPEARANCE. DAMAGED, DEFACED OR DIRTY SIGNS SHALL BE REPAIRED, CLEANED OR REPLACED AS ORDERED BY THE ENGINEER.

NOTES CONT.

GENERAL

THE COST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING ALL CONSTRUCTION APPROACH SIGNS WILL BE CONSIDERED SUBSIDIARY WORK PERTAINING TO THE PROJECT AS A WHOLE AND SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR VARIOUS ITEMS INVOLVED IN THE CONTRACT. DURING ALL PHASES OF CONSTRUCTION, THE REQUIREMENTS SET FORTH IN THE MUTCD SHALL BE MET. WHEN THE PROJECT IS CLOSED DOWN FOR TEMPORARY PERIODS, THE SIGNS SHALL BE COVERED IN A WORKMANLIKE MANNER.

SIGN COVERS

SIGN COVERS SHALL CONSIST OF A PANEL PAINTED FLAT BLACK THAT IS THE SAME SIZE AS THE SIGN IT COVERS. THE PANEL SHALL BE OF WOOD, PLYWOOD, HARDBOARD OR ANY MATERIAL SATISFACTORY TO THE ENGINEER. NO MATERIAL WILL BE APPROVED THAT WILL DETERIORATE BY EXPOSURE TO THE WEATHER DURING THE PROJECT. MOUNTING OF THE PANEL SHALL BE DONE IN SUCH A WAY AS NOT TO DAMAGE THE SIGN FACE MATERIAL.

CONTRACTORS SHALL COORDINATE THEIR SIGNING ACTIVITIES WITH OTHER CONTRACTORS WITHIN THE PROJECT LIMITS, AS DIRECTED BY THE REGIONAL CONSTRUCTION ENGINEER.

SIGN POSTS

WHERE CONSTRUCTION SIGN INSTALLATIONS ARE NOT PROTECTED BY GUARD RAIL OR OTHER APPROVED TRAFFIC BARRIERS, THE POSTS ON WHICH THE SIGNS ARE MOUNTED SHALL BE YIELDING METAL POSTS AS DESIGNATED IN THE E SERIES OF STANDARD DRAWINGS OR YIELDING WOODEN POSTS IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:

WOODEN POSTS ARE ACCEPTABLE FOR USE WITH CONSTRUCTION SIGNS. THESE POSTS SHALL HAVE A UNIFORM CROSS-SECTION AND SHALL BE MADE FROM GRADE 2, AIR-DRIED SOUTHERN YELLOW PINE OR ANOTHER EQUIVALENT SOFTWOOD. AN ACCEPTABLE EQUIVALENT SOFTWOOD SHALL HAVE AN EXTREME FIBER IN BENDING "Fb" DESIGN VALUE NOT TO EXCEED 9700 kPa AND HORIZONTAL SHEAR "Fv" DESIGN VALUE NOT TO EXCEED 620 kPa. SPECIFICATION, "DESIGN VALUES FOR WOOD CONSTRUCTION" AND RELATED SUPPLEMENT, LATEST EDITION.

AS ESTABLISHED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION IN THEIR NATIONAL DESIGN, THE FOLLOWING ARE CONSIDERED TO BE ACCEPTABLE WOODEN POSTS:

1. 100 X 100 (ACTUAL DIMENSIONS ARE 90 X 90)
   - A) ACCEPTABLE FOR SINGLE OR DUAL POSTS INSTALLATION WITH NO MODIFICATIONS.
   - B) ACCEPTABLE FOR THREE POSTS (OR MORE) INSTALLATION ONLY IF THERE ARE NO MORE THAN TWO POSTS IN A 2100 mm PATH.
2. 100 X 150 (ACTUAL DIMENSIONS ARE 90 X 140)
   - A) ACCEPTABLE FOR SINGLE POST INSTALLATIONS ONLY IF MODIFIED BY DRILLING TWO 38-mm DIAMETER HOLES, ONE AT 100 mm AND THE OTHER 460 mm ABOVE THE GROUND LINE AND PERPENDICULAR TO THE ROADWAY CENTERLINE.
   - B) ACCEPTABLE FOR MULTIPLE POSTS (TWO OR MORE) INSTALLATIONS ONLY IF MODIFIED AS ABOVE AND THE MINIMUM SPACING BETWEEN POSTS IS 2100 mm.
3. 150 X 150 (ACTUAL DIMENSIONS ARE 140 X 140)
   - A) ACCEPTABLE FOR SINGLE POST INSTALLATIONS ONLY IF MODIFIED BY DRILLING TWO 51-mm DIAMETER HOLES, ONE AT 100 mm AND THE OTHER AT 460 mm ABOVE THE GROUND LINE AND PERPENDICULAR TO ROADWAY CENTERLINE.
   - B) ACCEPTABLE FOR MULTIPLE POST INSTALLATION ONLY IF MODIFIED AS ABOVE AND THE MINIMUM SPACING BETWEEN POSTS IS 2100 mm.
4. 150 X 200 (ACTUAL DIMENSIONS ARE 140 X 190)
   - A) ACCEPTABLE FOR SINGLE POST INSTALLATIONS ONLY IF MODIFIED BY DRILLING TWO 76-mm DIAMETER HOLES, ONE AT 100 mm AND THE OTHER AT 460 mm ABOVE THE GROUND LINE AND PERPENDICULAR TO THE ROADWAY CENTERLINE.
   - B) ACCEPTABLE FOR MULTIPLE POST INSTALLATIONS ONLY IF MODIFIED AS ABOVE AND THE MINIMUM SPACING BETWEEN POSTS IS 2100 mm.

ADDITIONAL DESIGN CRITERIA:

THE LONGER DIMENSION OF THE POST(S), SUCH AS THE 150-mm DIMENSION OF THE 100 X 150 POST, SHALL BE PLACED PARALLEL TO THE ROADWAY CENTERLINE.

ALL WOODEN POSTS SHALL HAVE AN EMBEDMENT DEPTH OF 1200 mm.

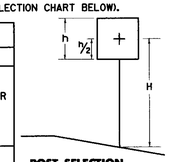
NO CROSS-BRACING OR BACK-BRACING TO KEEP THE POSTS PLUMB WILL BE ALLOWED.

CONCRETE FOUNDATIONS, COLLARS, OR SOIL BEARING PLATES ARE NOT PERMITTED.

CONSTRUCTION SIGNS SHALL BE PLACED ON TWO OR MORE POSTS WHEN ANY OF THE FOLLOWING CONDITIONS GOVERN:

- A) THE SIGN WIDTH (HORIZONTAL DIMENSIONS FOR DIAMOND SHAPED SIGNS) EXCEEDS 1050 mm.
- B) THE EXPOSED SIGN AREA OF ANY SINGLE SIGN OR ASSEMBLY EXCEEDS 1.125 m^2.
- C) THE Sv OF A SINGLE POST IS EXCEEDED. (SEE THE POST SELECTION CHART BELOW).

WOOD POST SELECTION CHART		
SIGN AREA (m^2) X HEIGHT (m) $\leq$ Sv (SELECTION VALUE)		
POST SIZE	Sv	DESIGN CRITERIA:
100 X 100	1.54	WIND SPEED = 100 km/h (10-YEAR MEAN OCCURENCE INTERVAL)
100 X 150	3.51	
150 X 150	5.17	WIND PRESSURE = 740 Pa
150 X 200	9.30	ALLOWABLE BENDING STRESS F_b = 9700 kPa



POST SELECTION CHART DETAIL

OTHER STDS. REQUIRED:

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

REVISIONS AND CORRECTIONS

JUNE 13, 1997 - ORIGINAL APPROVAL DATE

APPROVED

DIRECTOR OF ENGINEERING

DIRECTOR OF CONSTRUCTION AND MAINTENANCE

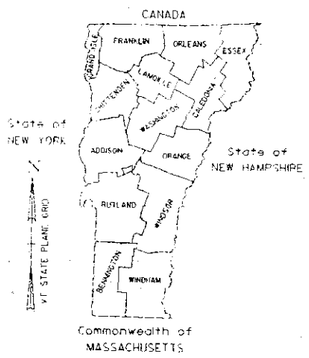
CONSTRUCTION APPROACH SIGNS

VERMONT AGENCY OF TRANSPORTATION

VAOT Metric STANDARD E-100M

STATE OF VERMONT

AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

TOWNS OF BRANDON AND LEICESTER

COUNTIES OF RUTLAND AND ADDISON

US 7 (MAJOR ARTERIAL)

ATTACHMENT A

ALTERNATIVE PLANS & SECTIONS

ALTERNATIVE B REHABILITATE TO 8-12-12-8

ALTERNATIVE C REHABILITATE TO 4-12-12-4

CATTLE PASS ALTERNATIVE

CONVENTIONAL SIGNS

COUNTY LINE

TOWN LINE

LIMITS OF ACCESS

POINT OF ACCESS X

FENCE LINE

STONE WALL

TRAVELED WAY

GUARD RAIL

RAILROAD

SURVEY LINE

CULVERT

POWER POLE

TELEPHONE POLE

TREES

CONTROL OF ACCESS

PROPERTY LINE

R.O.W. TAKING LINE

SLOPE RIGHTS SR

TOP OF CUT

TOE OF SLOPE

DATUM

VERTICAL

HORIZONTAL

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED _____ DATE _____

DIRECTOR OF ENGINEERING

DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____

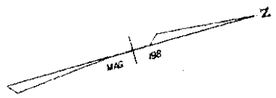
DIVISION ADMINISTRATOR

PROJECT

SHEET 1 OF SHEETS

INDEX OF SHEETS

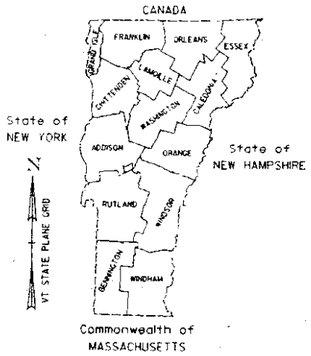
1. TITLE SHEET
2-XX. PLAN SHEETS
XX-XX. SECTION SHEETS



STATE OF VERMONT
AGENCY OF TRANSPORTATION

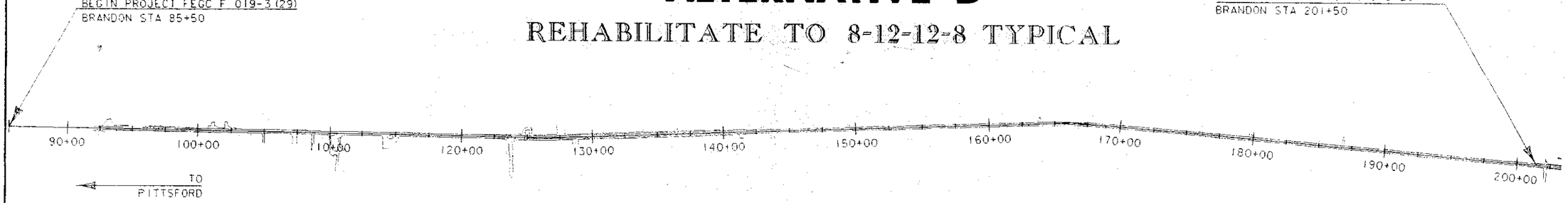


PROPOSED IMPROVEMENT
TOWNS OF BRANDON AND LEICESTER
COUNTIES OF RUTLAND AND ADDISON
US 7 (MAJOR ARTERIAL)
ALTERNATIVE B
REHABILITATE TO 8-12-12-8 TYPICAL



BEGIN PROJECT FEGC F 019-3(29)
BRANDON STA 85+50

STOP PROJECT FEGC F019-3(29)
BRANDON STA 201+50



CONVENTIONAL SIGNS

- COUNTY LINE
- TOWN LINE
- LIMITS OF ACCESS
- POINT OF ACCESS
- FENCE LINE
- STONE WALL
- TRAVELED WAY
- GUARD RAIL
- RAILROAD
- SURVEY LINE
- CULVERT
- POWER POLE
- TELEPHONE POLE
- TREES
- CONTROL OF ACCESS
- PROPERTY LINE
- R.O.W. TAKING LINE
- SLOPE RIGHTS
- TOP OF CUT
- TOE OF SLOPE

DATUM
VERTICAL
HORIZONTAL

TRAFFIC DATA			
	1995	2000	2015
ADT	6140	6670	7660
DHV	655	715	820
ADTT	415	480	625
%DIR	51	51	51
%TRUCK	4	4	5

0 350 700
SCALE IN FEET

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.

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APPROVED _____ DATE _____
DIRECTOR OF ENGINEERING

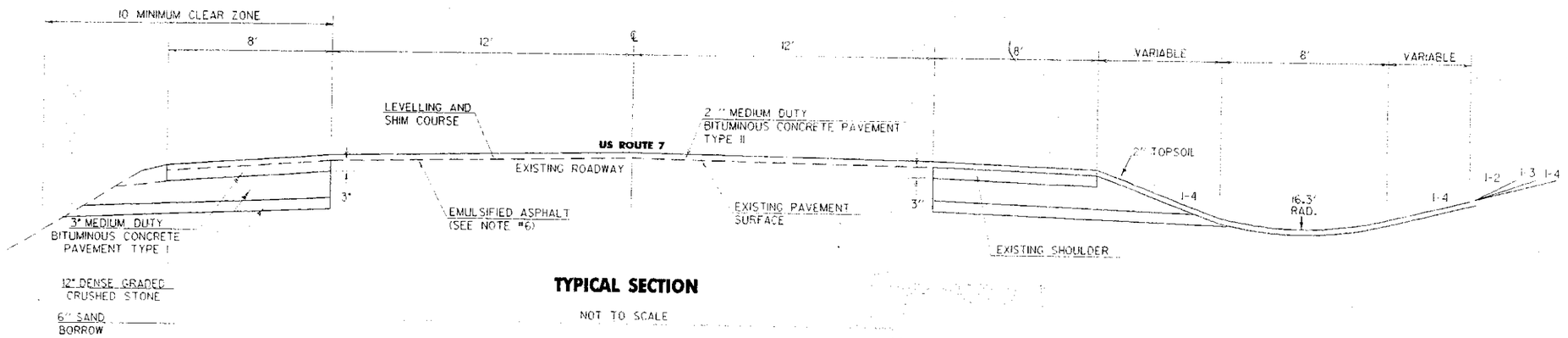
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR

PROJECT

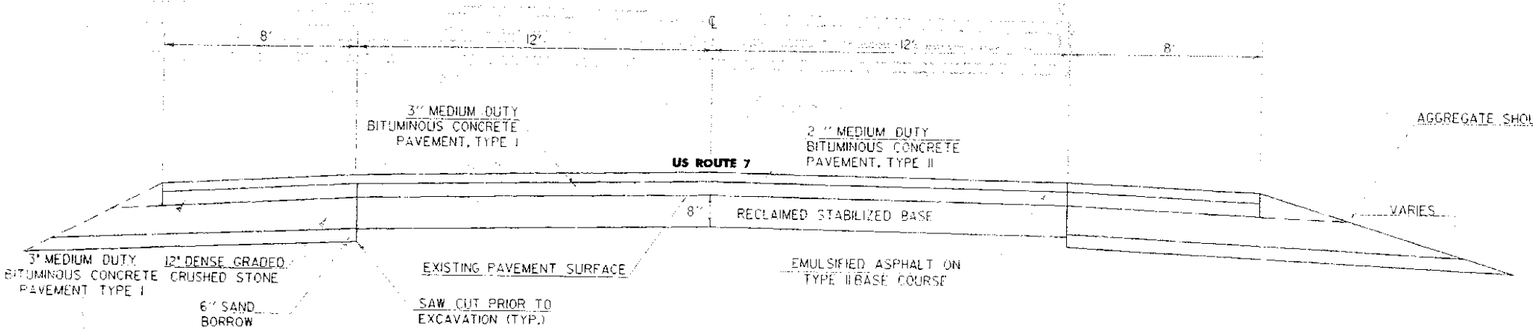
SHEET 1 OF SHEETS

US ROUTE 7 – REHABILITATE TO 8-12-12-8 TYPICAL



TYPICAL SECTION

NOT TO SCALE



RECLAIMED TYPICAL SECTION

NOT TO SCALE

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE II, MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT, ITEM 406.27.
2. THE LEVELING COURSE SHALL BE TYPE III OR TYPE IV AS DIRECTED BY THE ENGINEER.
3. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF 12" OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT , AS DIRECTED BY THE ENGINEER.

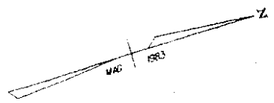
   EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR OR GRADER RENTAL.

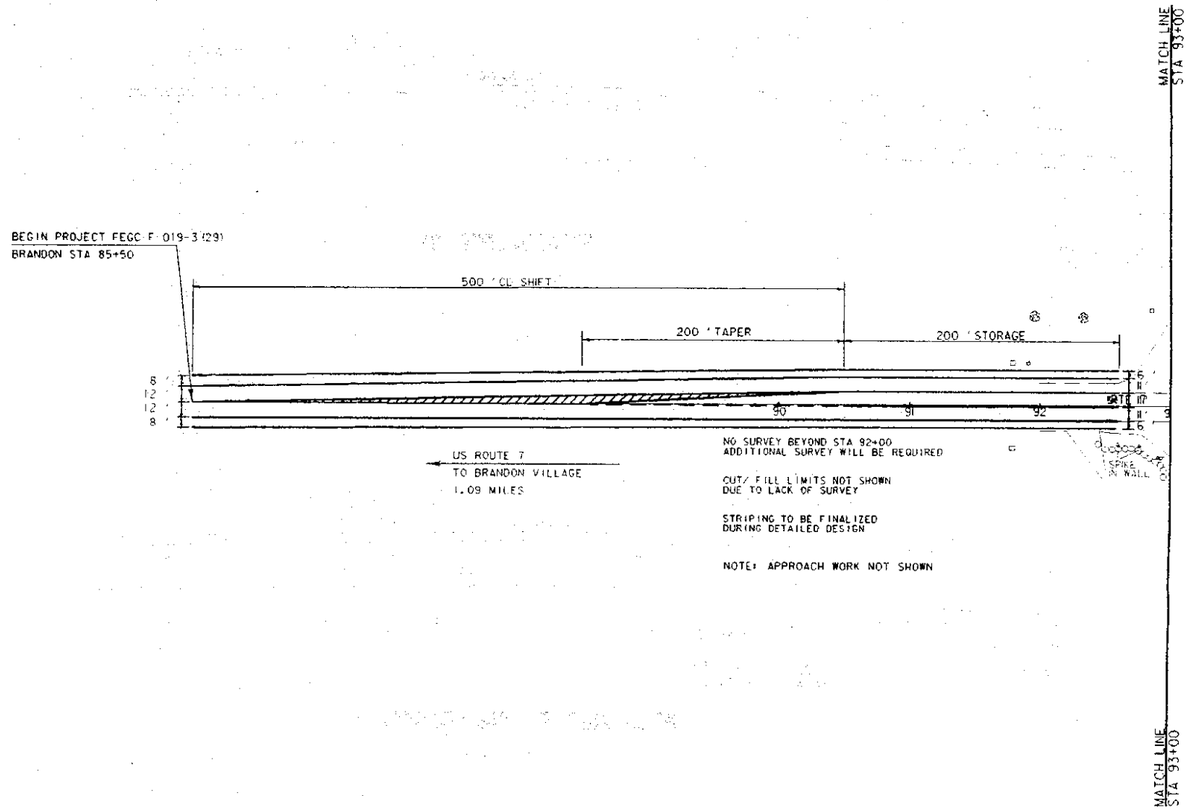
   MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
4. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. ALL COLD PLANED AREAS SHALL BE TACKED WITH EMULSIFIED ASPHALT AS DIRECTED.
5. THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 6' POST. IF THIS CANNOT BE OBTAINED THEN 8' POSTS WILL BE USED.
6. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL EXISTING SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.05 GAL./SY. OR AS DIRECTED BY THE RESIDENT ENGINEER
7. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = ±1/4" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).

DATUM
VERTICAL
HORIZONTAL

ALTERNATIVE B
REHABILITATE TO 8-12-12-8 TYPICAL

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF0193(29)
DESIGN FILE NAME: /LOC/7800SH/LD05IERM.DGN	
IPARM FILE NAME: /LOC/7800SH/LD05IEM.I_	PLOT DATE: 19-NOV-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: B. NOYES
	SHEET: OF





ALTERNATIVE B

SCALE 1" = 100'-0

50 0 50

DATUM
VERTICAL _____
HORIZONTAL _____

SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /78d051/1d05lbdr.dgn
FARM FILE .../iparms/101. DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 1 OF 15 SHEETS

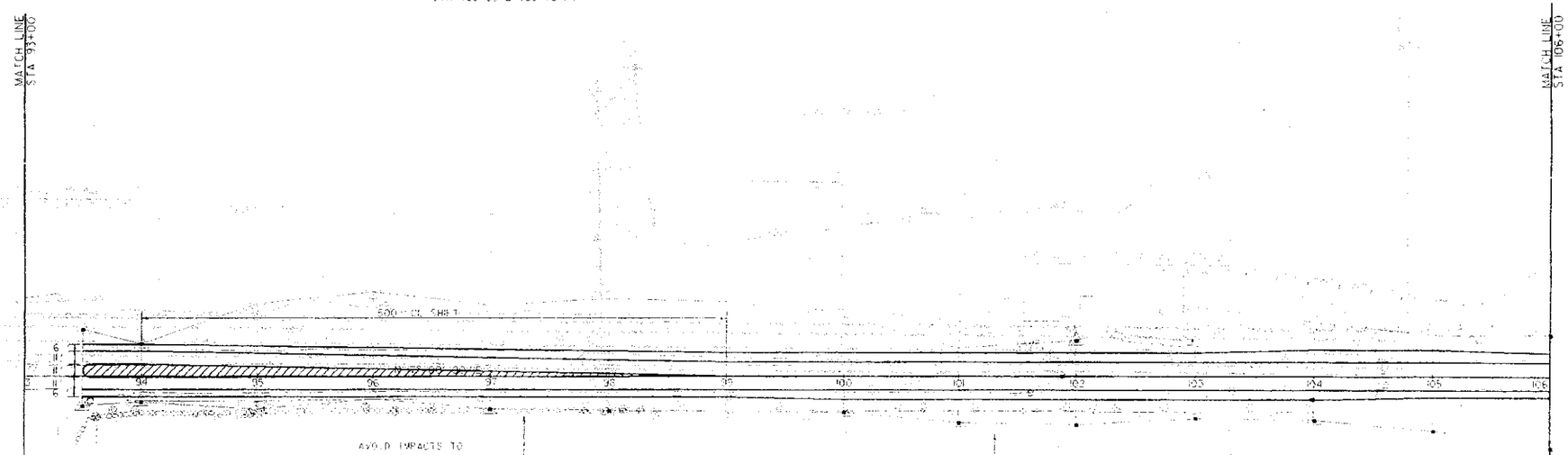
NOTES:

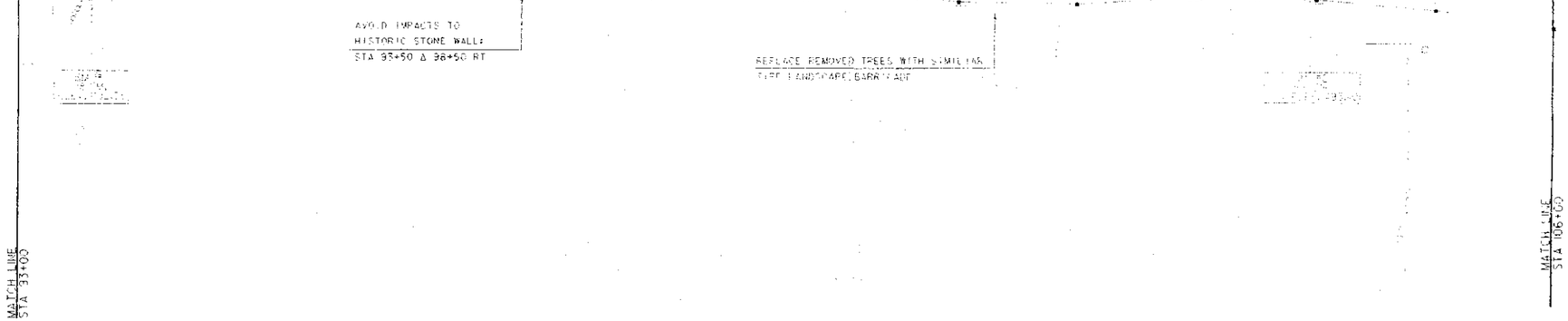
NORTHBOUND LEFT-TURN LANE
TAPER AND APPROACH:
STA 85+50 Δ 99+50 LT

8' SHOULDER:
STA 93+50 Δ 109+00 RT

GUARD RAIL:
STA 100+00 Δ 104+00 RT
STA 104+00 Δ 105+00 LT

UNDERDRAIN:
STA 105+00 Δ 109+75 RT





ALTERNATIVE B

SCALE 1" = 100'-0
50 0 50

DATUM
VERTICAL
HORIZONTAL

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	78d051/1d051bdr.dgn	
XPARM FILE	.../iparms/101.i	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	1 OF 15 SHEETS	

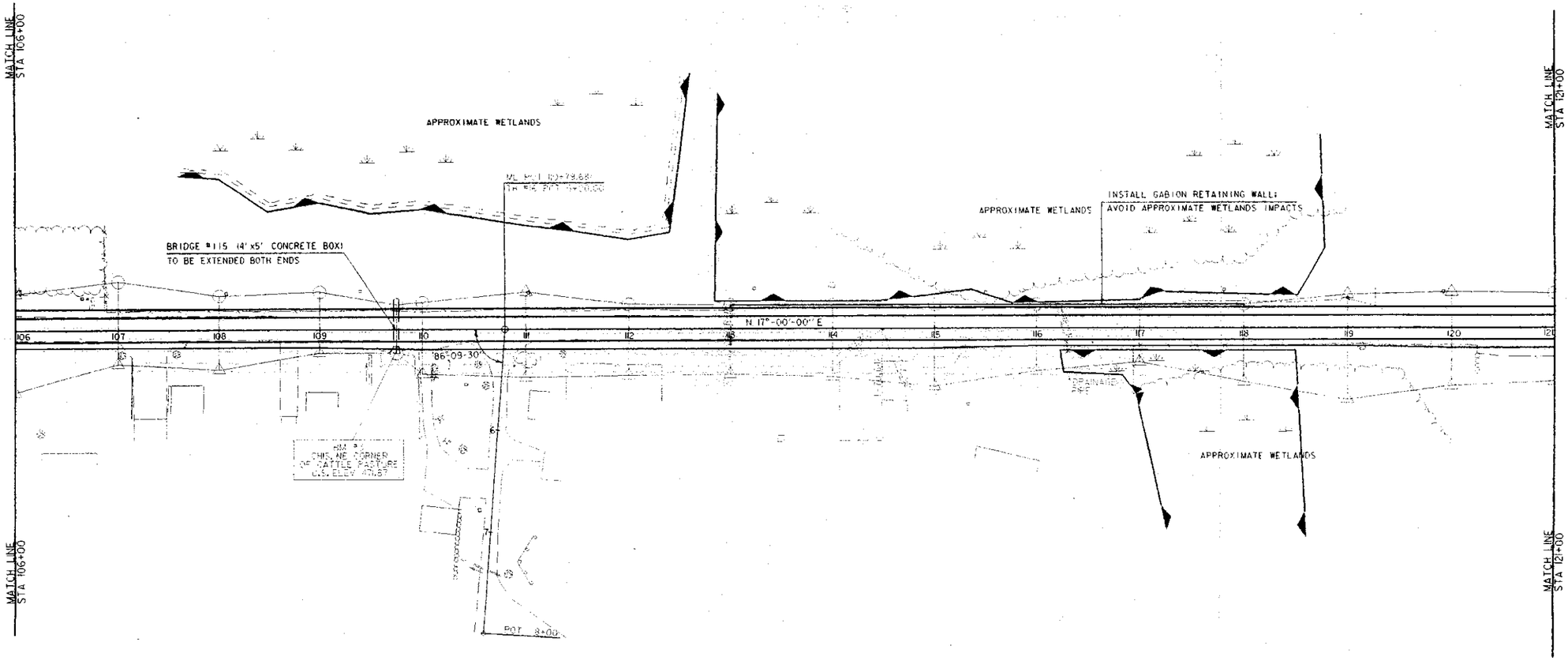
NOTES:

6' SHOULDER:
STA 93+50 Δ 109+00 RT

UNDERDRAIN:
STA 105+00 Δ 109+75 RT

6' SHOULDER W/ GUARD RAIL
AND GABION RETAINING WALL
STA 113+00 Δ 118+00 LT



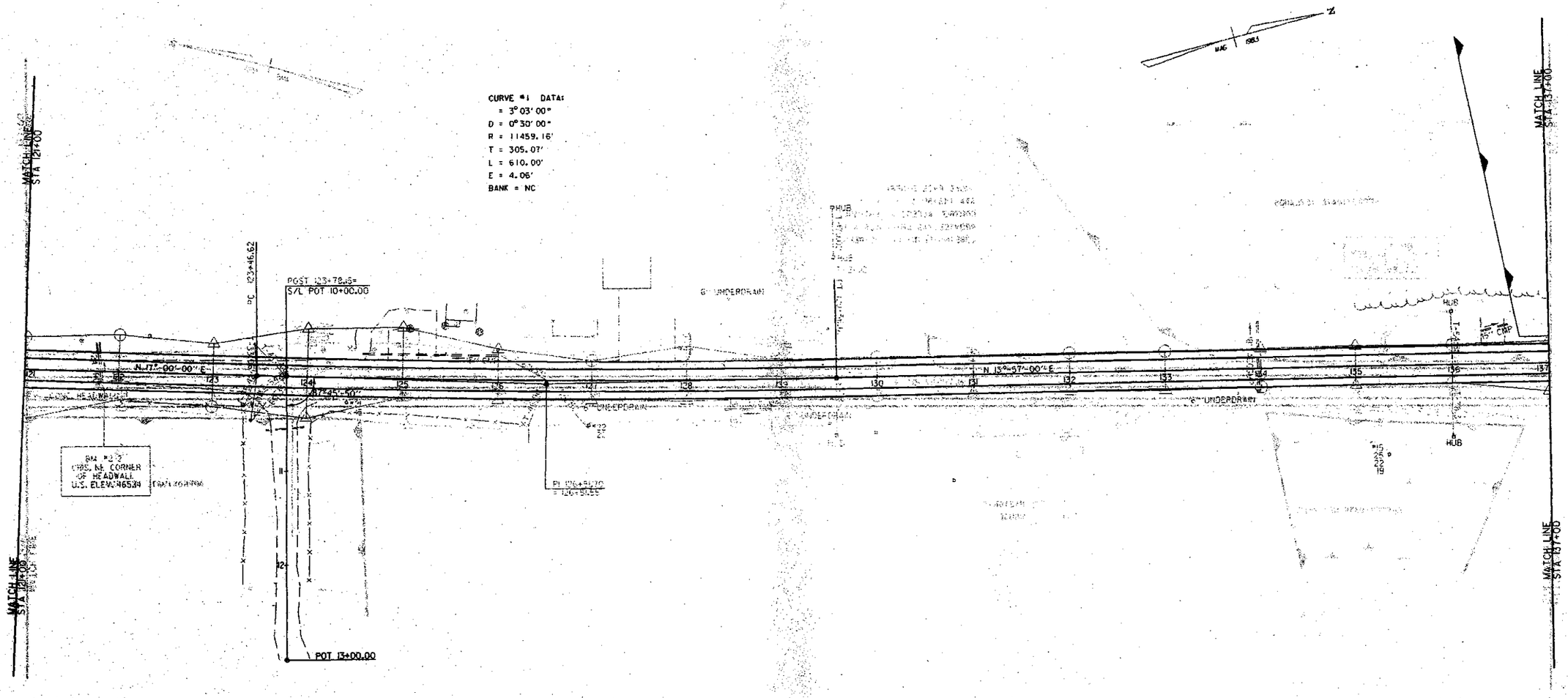


ALTERNATIVE B

SCALE 1" = 100'-0
50 0 50

DATUM
VERTICAL _____
HORIZONTAL _____

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
IPARM FILE	.../iparms/102.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F-019-3(29)	
SHEET	2 OF 15 SHEETS	

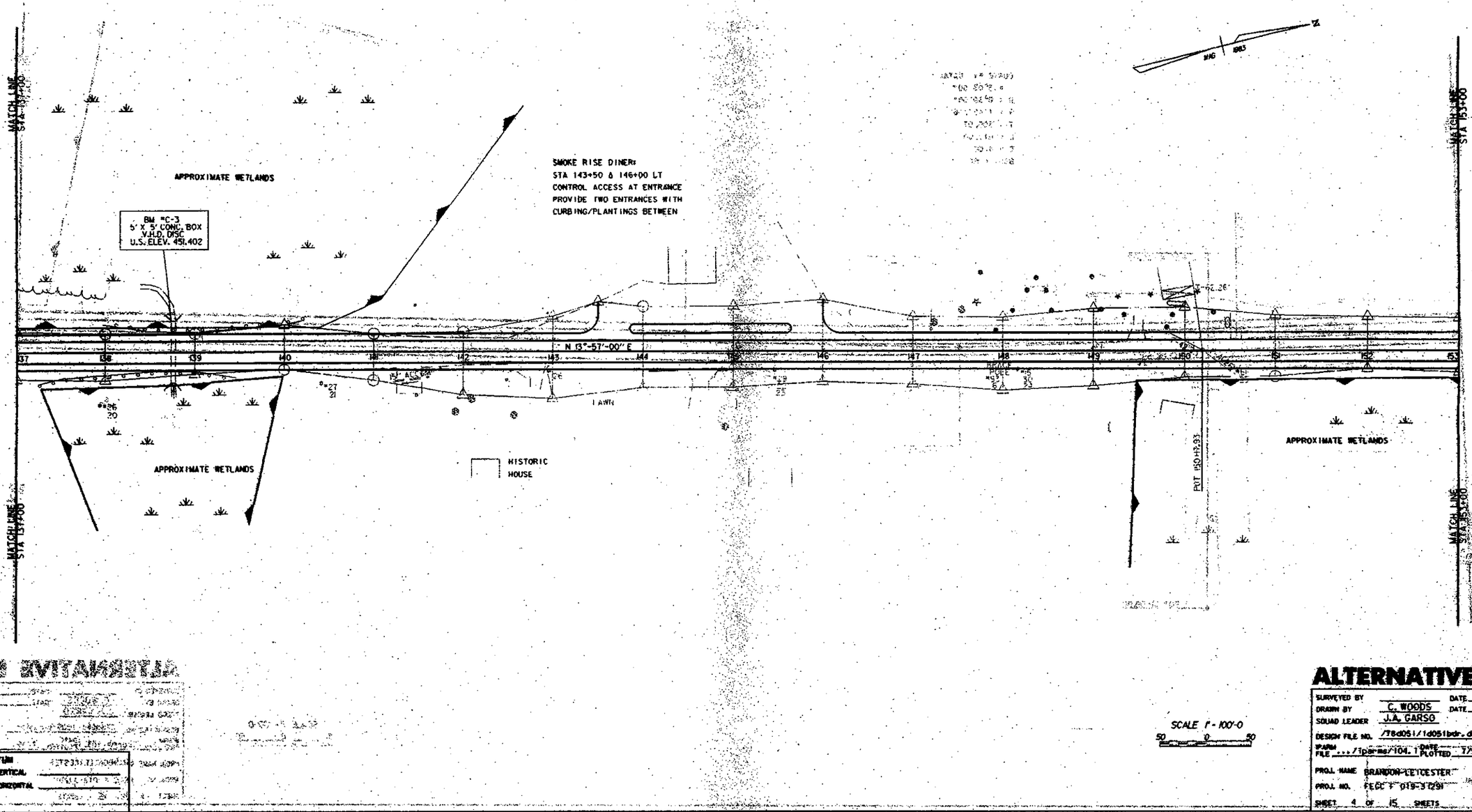


DATUM
VERTICAL
HORIZONTAL

SCALE 1" = 100'-0
50 0 50

ALTERNATIVE B

SURVEYED BY DATE
DRAWN BY C. WOODS DATE
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /T8d051/1d051bdr.dgn
IFARM FILE .../iparms/103.1 DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 3 OF 15 SHEETS



SCALE 1" - 100'-0

50 0 50

ALTERNATIVE B

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
WFARM FILE	.../tpdms/104.1	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	4 OF 15 SHEETS	

DATUM	
VERTICAL	
HORIZONTAL	

MATCH LINE
STA 183+00

MATCH LINE
STA 189+00

BM C-4
RRS IN 30" M.
ELEV 460.621

PI 186+41.48=
186+42.63

N 13°-57'-00" E

N 20°-38'-30" E

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

CURVE #2 DATA:
Δ = 6° 56' 30" RT
D = 1° 00' 00"
R = 5729.58'
T = 347.51'
L = 694.17'
E = 10.53'
BANK = 0.021 FT/FT

MAG 1983

MATCH LINE
STA 183+00

MATCH LINE
STA 189+00

SCALE 1"=100'-0

50 0 50

DATUM
VERTICAL
HORIZONTAL

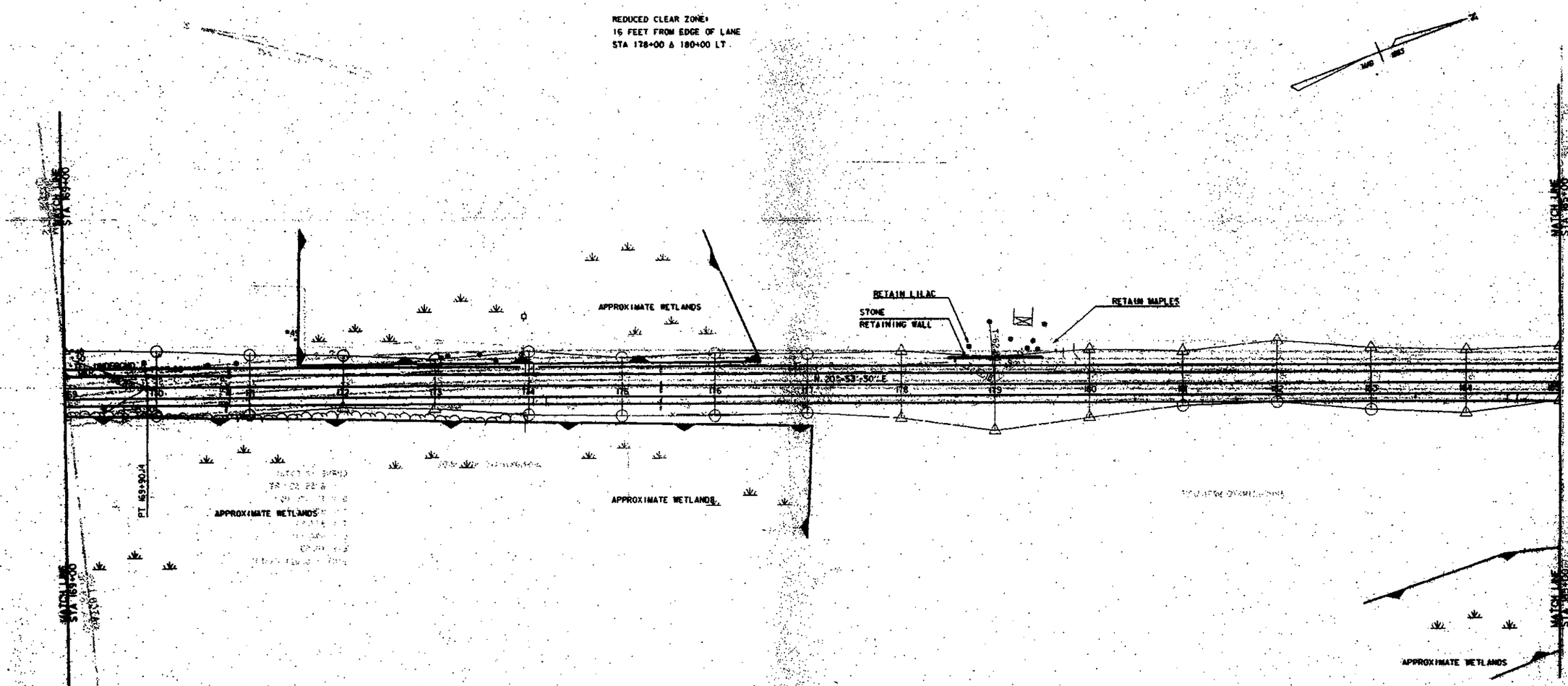
ALTERNATIVE B

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
IPARM FILE	.../iparms/105.i	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3 (29)	
SHEET	5 OF 15 SHEETS	

NOTES:

1:3 FILL SLOPES
STA 171+00 Δ 177+00 LT
STA 176 RT

REDUCED CLEAR ZONE:
16 FEET FROM EDGE OF LANE
STA 178+00 Δ 180+00 LT



DATUM
VERTICAL
HORIZONTAL

SCALE 1" = 100'-0"
50 0 50

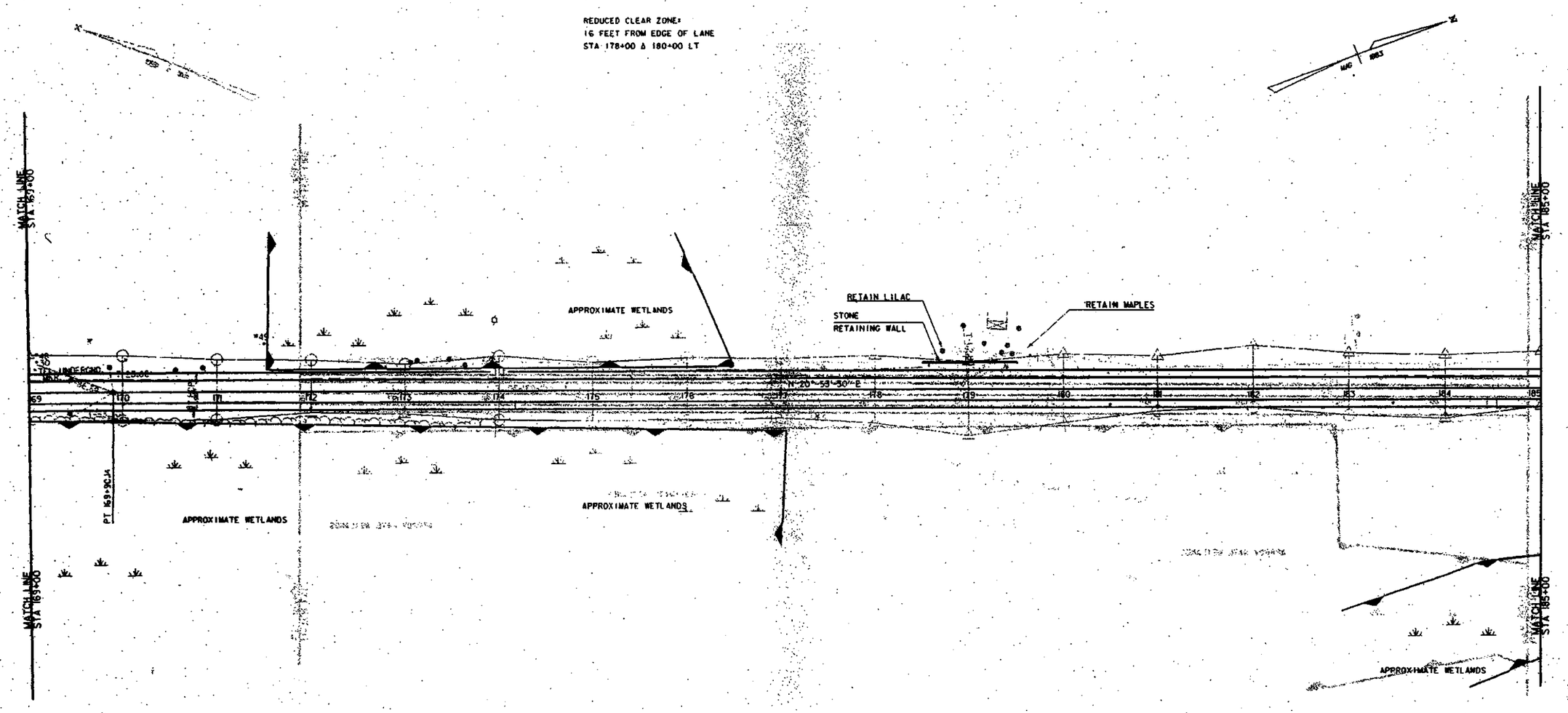
ALTERNATIVE B

SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. CARSO
DESIGN FILE NO. /78d051/1d081bdr.dgn
PLANS _____ DATE _____
FILE .../1d078d7105: PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 6 OF 15 SHEETS

NOTES:

1:3 FILL SLOPES
STA 171+00 Δ 177+00 LT
STA 176 RT

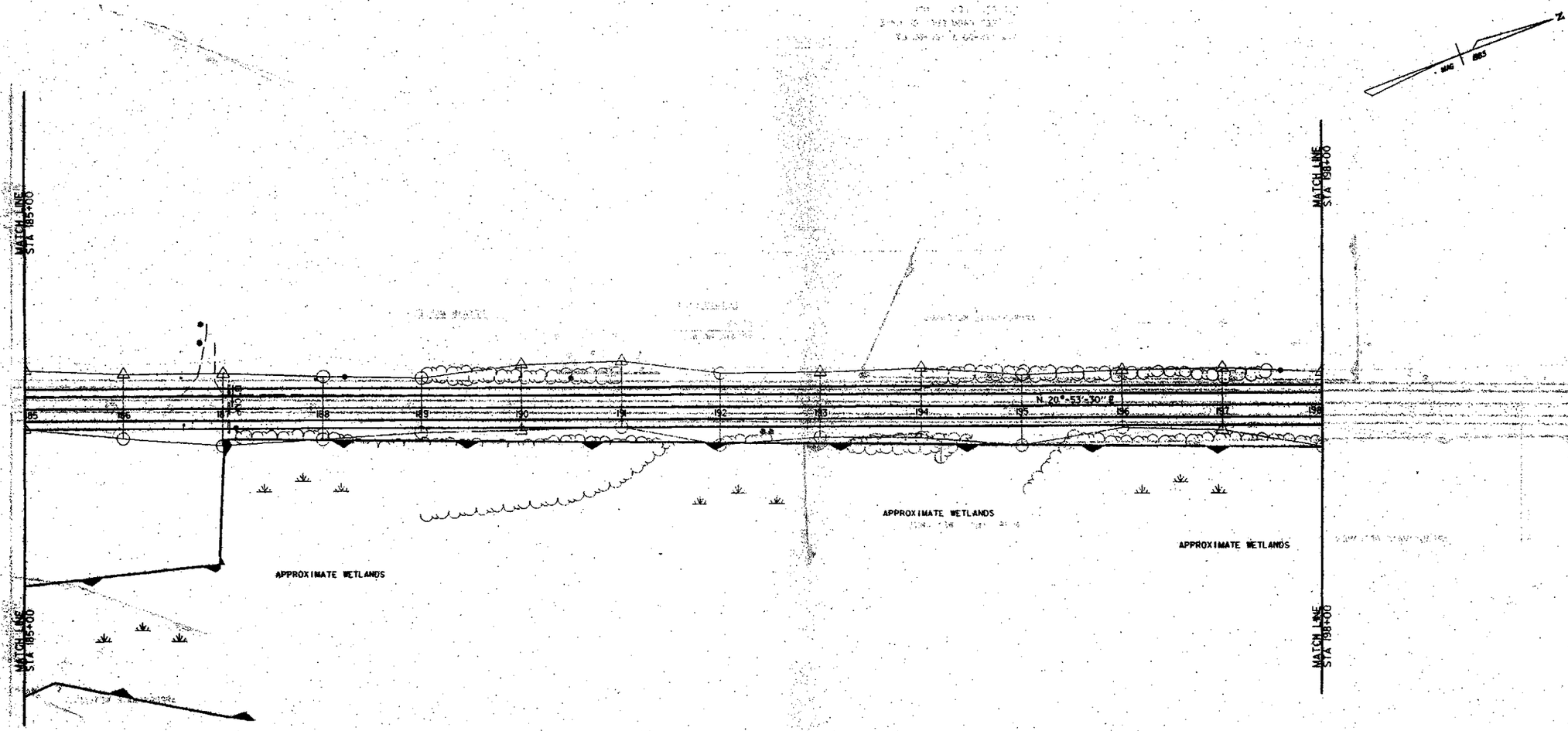
REDUCED CLEAR ZONE:
16 FEET FROM EDGE OF LANE
STA 178+00 Δ 180+00 LT



SCALE 1"-100'-0"

ALTERNATIVE B

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
FARM FILE	.../farms/106,	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEDC F 019-3 (29)	
SHEET	6 OF 15 SHEETS	

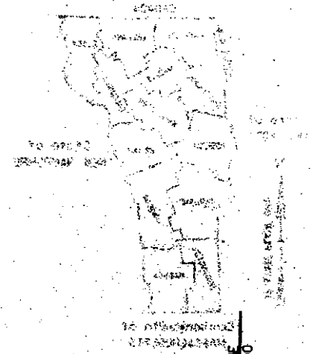


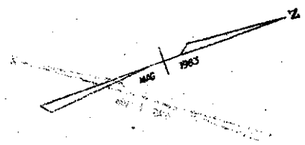
ALTERNATIVE B

DATUM
VERTICAL
HORIZONTAL

ALTERNATIVE B

SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /78d051/1d051bdr.dgn
DFARM FILE .../ipsrns/107.1 DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 7 OF 15 SHEETS





MATCH LINE STA 198+00

PI 200+52.52
NO CURVE REQ'D

STOP PROJECT FROM BRANDON, STA. 201+50

US ROUTE 7
TO LEICESTER 4 CORNERS
1.52 MILES

198 199 200 201 202 203 204 205 206 207 208 209 210

N 20°-53'-30" E

7-13.5'

APPROXIMATE WETLANDS

MATCH LINE STA 198+00

MATCH LINE STA 211+00

NOTE:
APPROACH WORK NOT SHOWN

DATUM
VERTICAL
HORIZONTAL

SCALE 1"=100'-0
50 0 50

ALTERNATIVE B

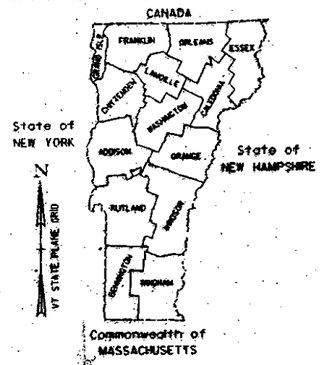
SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
PARM FILE	/parms/108.1	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC-F 019-3(29)	
SHEET	8 OF	SHEETS

INDEX OF SHEETS

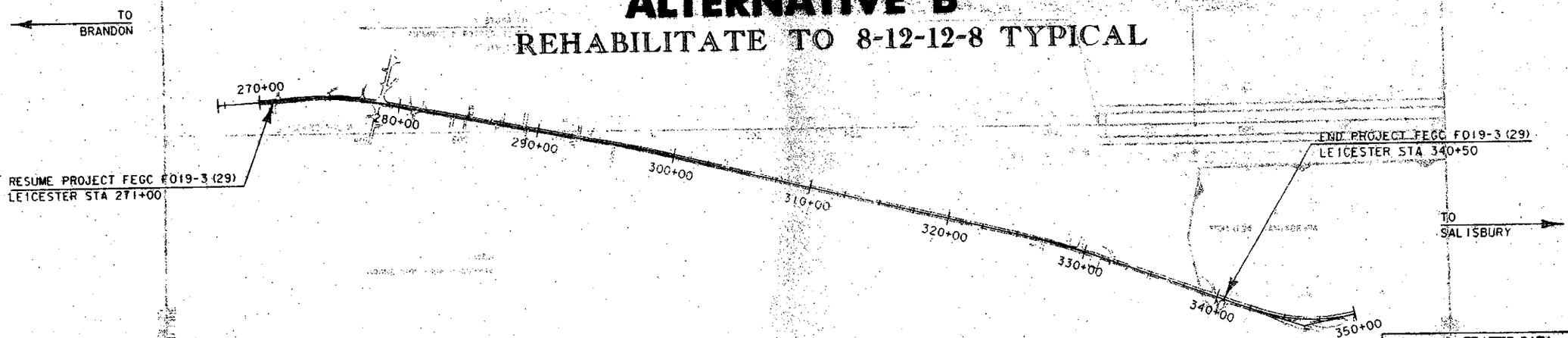
1. TITLE SHEET
2-XX. PLAN SHEETS
XX-XX. SECTION SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION





PROPOSED IMPROVEMENT
TOWNS OF BRANDON AND LEICESTER
COUNTIES OF RUTLAND AND ADDISON
US 7 (MAJOR ARTERIAL)
ALTERNATIVE B
REHABILITATE TO 8-12-12-8 TYPICAL



TRAFFIC DATA			
	1995	2000	2015
ADT	6190	6680	7710
DHV	660	715	825
ADTT	415	480	625
%DIR	51	51	51
%TRUCK	4	4	5

0 350 700
SCALE IN FEET

CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE

DATUM
VERTICAL
HORIZONTAL

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED _____ DATE _____
DIRECTOR OF ENGINEERING

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR

PROJECT

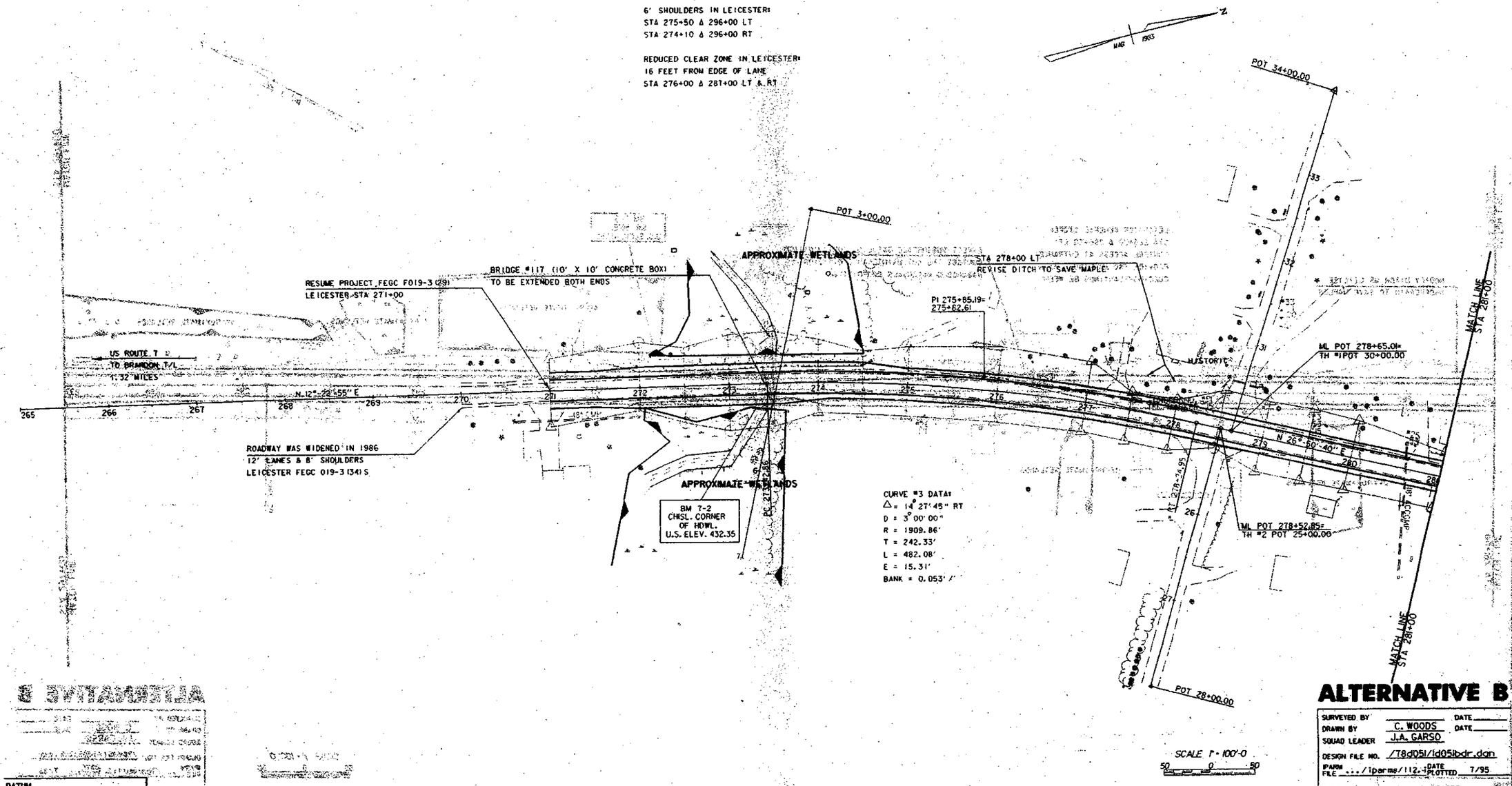
SHEET 1 OF SHEETS

NOTES:

1:2 SLOPES WITH GUARD RAIL:
STA 272+00 Δ 274+50 LT
STA 272+00 Δ 273+60 RT

6' SHOULDERS IN LEICESTER:
STA 275+50 Δ 296+00 LT
STA 274+10 Δ 296+00 RT

REDUCED CLEAR ZONE IN LEICESTER:
16 FEET FROM EDGE OF LANE
STA 276+00 Δ 281+00 LT & RT



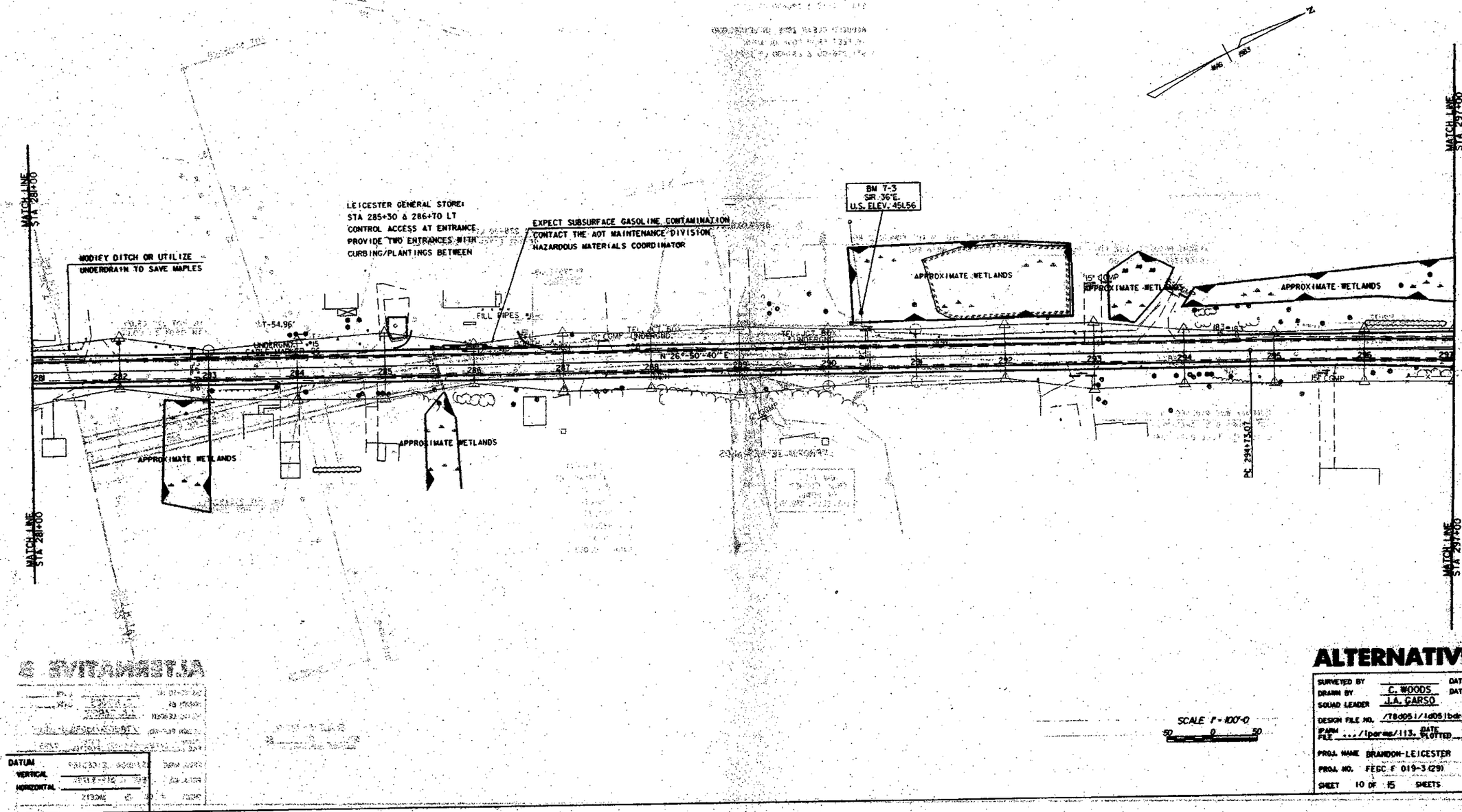
ALTERNATIVE B

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/T8d05l/ld05lbdr.dgn	
IPARM FILE	.../iparms/112.1	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	9 OF 15 SHEETS	

DATUM
VERTICAL
HORIZONTAL

NOTES:

REDUCED CLEAR ZONE IN LEICESTER:
16 FEET FROM EDGE OF LANE
STA 276+00 & 287+00 LT & RT



ALTERNATIVE B

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/T8d051/1d051bdr.dgn	
SFARM FILE	.../lperms/113.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	10 OF 15 SHEETS	

MATCH LINE STA 297+00

MATCH LINE STA 313+00

BM 7-4
SIR 18"M.
U.S. ELEV. 467.00

Pt. 297+60.22
297+60.4

APPROXIMATE WETLANDS

REPLACE REMOVED TREES

T-45.69

T-6.96

T-59.81

14" RCP

N 29°-42'-55" E

T-306

297 298 299 300 301 302 303 304 305 307 308 309 310 311 312 313

Pt. 308+47.23

CURVE #4 DATA:
Δ = 2° 52' 15" RT
D = 0° 30' 00"
R = 11459.16'
T = 287.14'
L = 574.17'
E = 3.60'
BANK = NC

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

POT. 310+02.00

BM C-8
CH. IN BOULDER
U.S. ELEV. 455.637

MAG 1985

SCALE 1" = 100'-0
50 0 50

DATUM
VERTICAL
HORIZONTAL

ALTERNATIVE B

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
FARM FILE	.../farme/114.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEDC F 019-3(29)	
SHEET	11 OF 15 SHEETS	

MATCH LINE STA 313+00

MATCH LINE STA 329+00

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

BM #8-1
S.I.R. 24" M.
U.S. ELEV. 455.15

N 29°-42'-55" E

POT 317+22.45

PC 324+43.39

PI 328+35.56
328+34.86

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

CURVE #5 DATA:
Δ = 53° 00' RT
D = 0 45' 00"
R = 7639.44'
T = 392.57'
L = 784.44'

SCALE 1" = 100'-0

DATUM
VERTICAL
HORIZONTAL

ALTERNATIVE B

SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /TB0051/1d051bdr.dgn
STORM FILE .../lpdrms/115. DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3 (29)
SHEET 12 OF 15 SHEETS

NOTE:

REVISED DITCH OF 1:2 AFTER CLEAR ZONE:
STA 331+00 LEFT
STA 334+00 & 336+00 LEFT
STA 338+00 & 339+00 LEFT

MATCH LINE STA 329+00

MATCH LINE STA 345+00

N 35°-35'-55" E

PT 332+27.43

3' HDBL FOR UNDERDR.

BM 8-2
15" E. STUMP
U.S. ELEV. 44.64

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

END PROJECT FEGC F019-3(29)
LEICESTER STA. 340+51

PC 342+98.95

US ROUTE 7
TO SALISBURY T/L
0.80 MILES

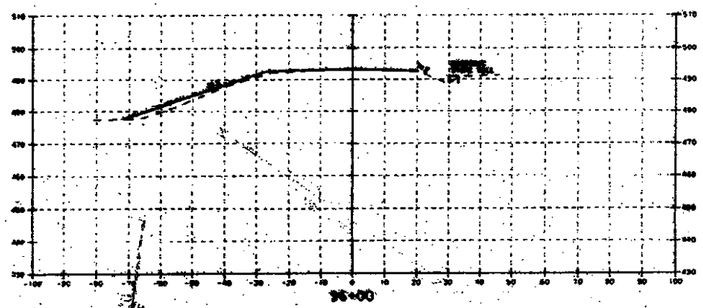
SCALE 1"=100'-0
50 0 50

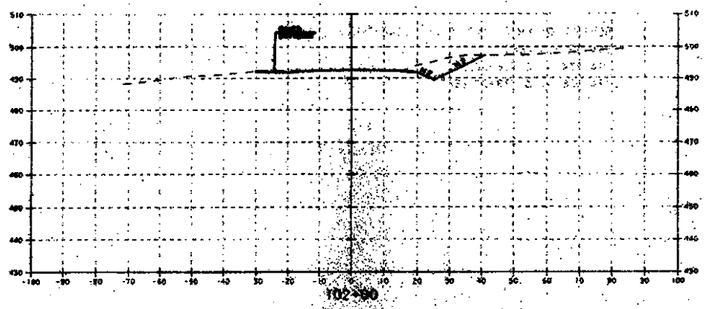
ALTERNATIVE B

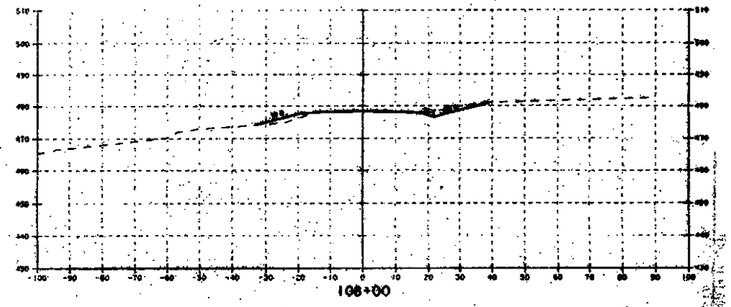
SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /78005I/1d05Ibdr.dgn
IPARM FILE .../iparms/116. DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 13 OF 15 SHEETS

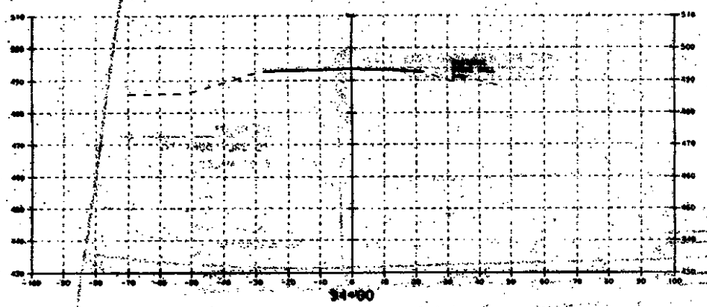
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HORIZONTAL

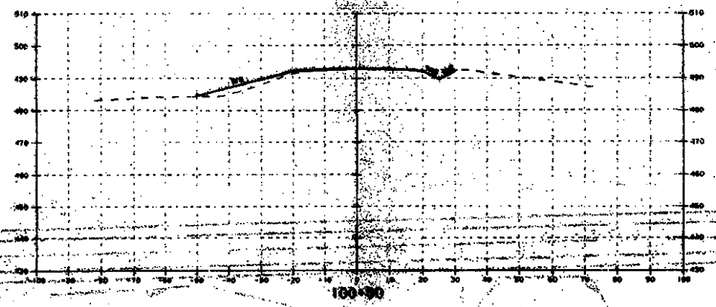
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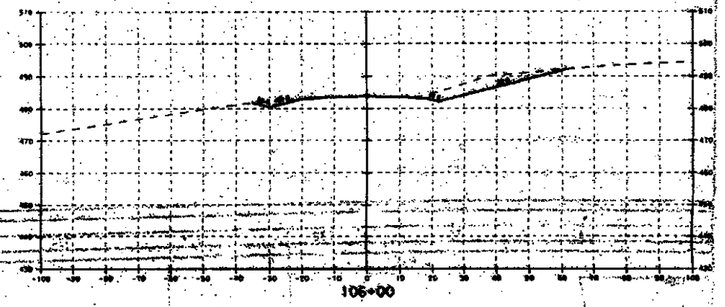


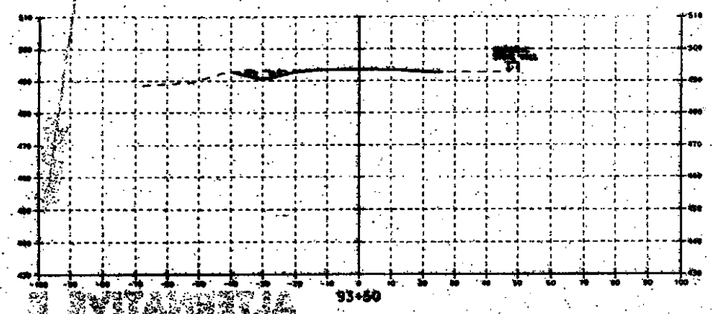


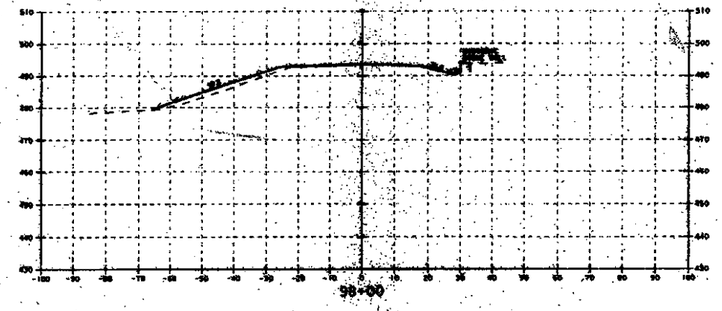


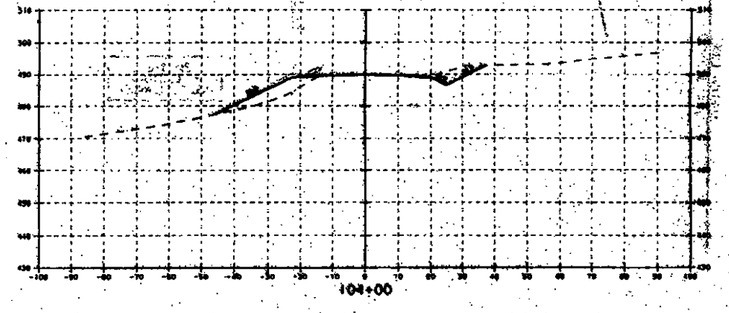












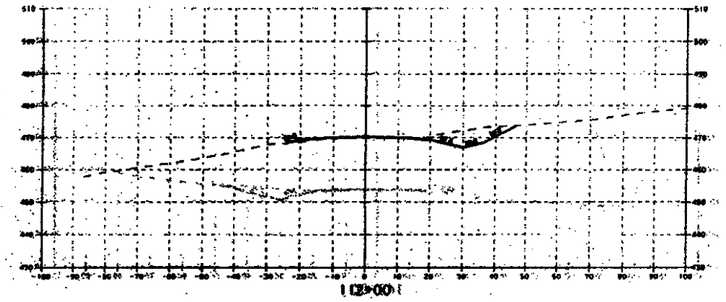
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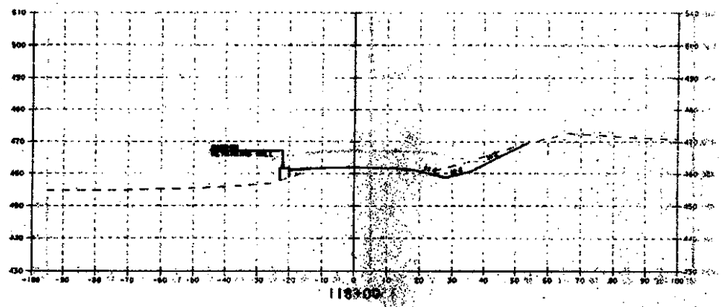
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VERTICAL
HORIZONTAL

SURVEYED BY
DRAWN BY C. WOODS DATE
SQUAD LEADER J.A. CARSO DATE
DESIGN FILE NO.
DRAWN DATE
FILE PLOTTED
PROJ. NAME BRANDON - LEICESTER
PROJ. NO. FECO F-019-3(29)
SHEET OF SHEETS

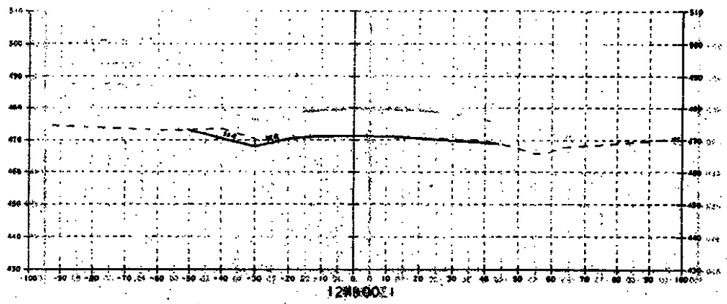
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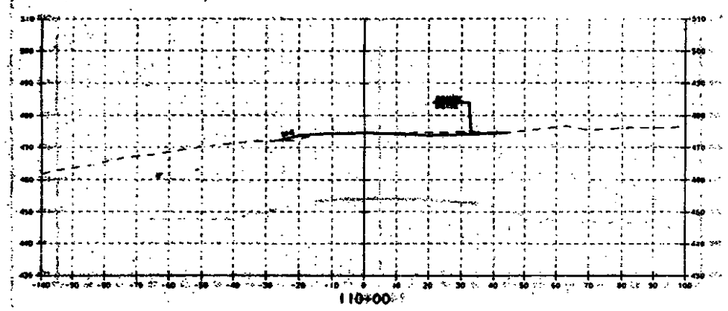
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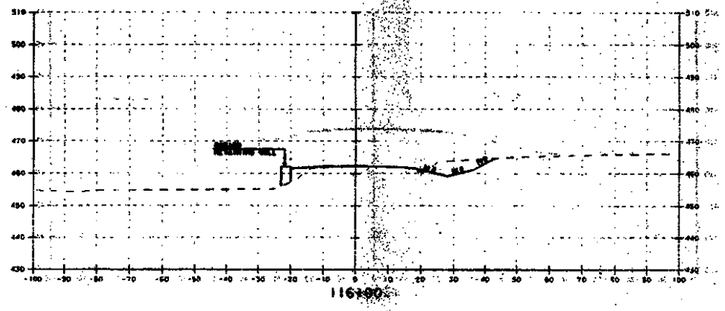
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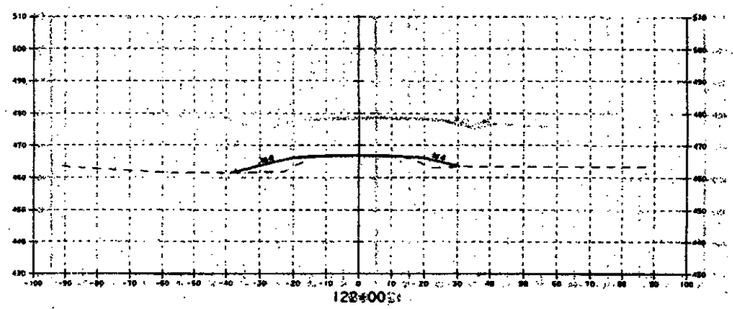
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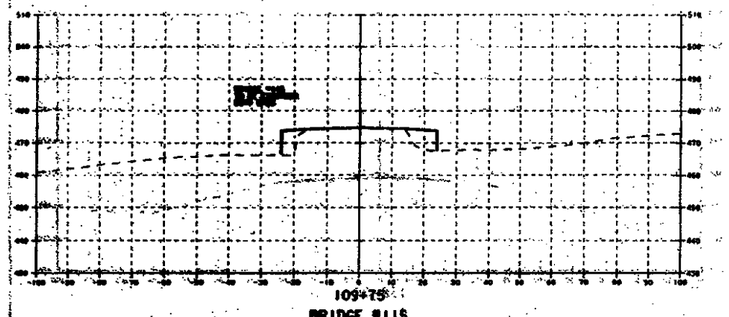
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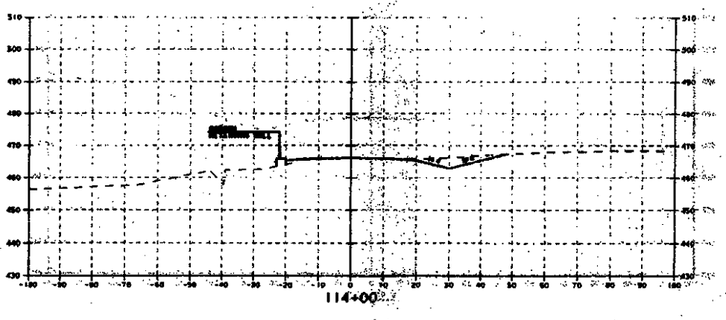


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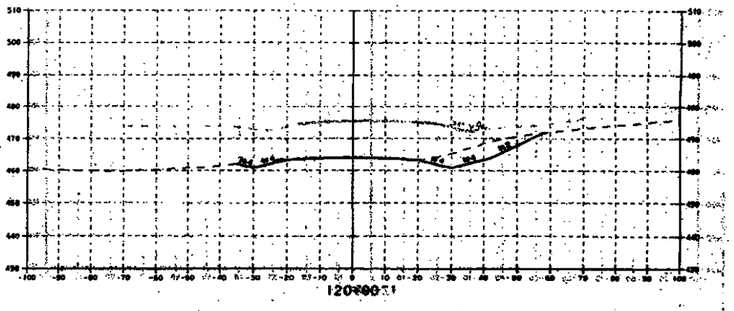


109+75

BRIDGE #11S



114+00



120+00

DATUM

VERTICAL

HORIZONTAL

SCALE 1"=40'-0"

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ALTERNATIVE B

ALTERNATIVE B

SURVEYED BY

DRAWN BY C. WOODS DATE

SIGNED LEADER J.A. GARSO DATE

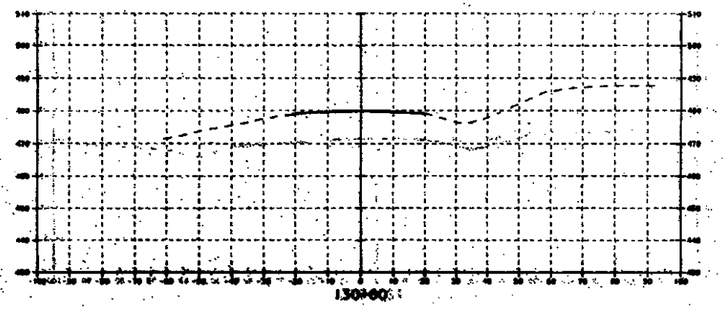
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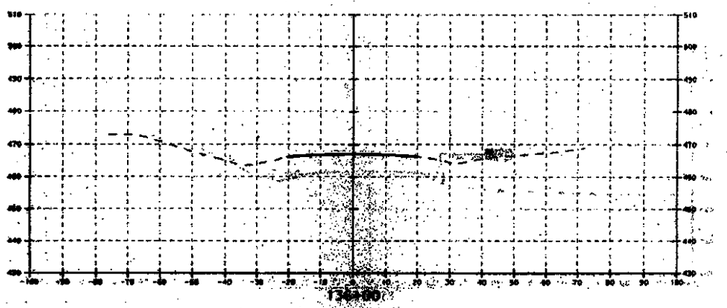
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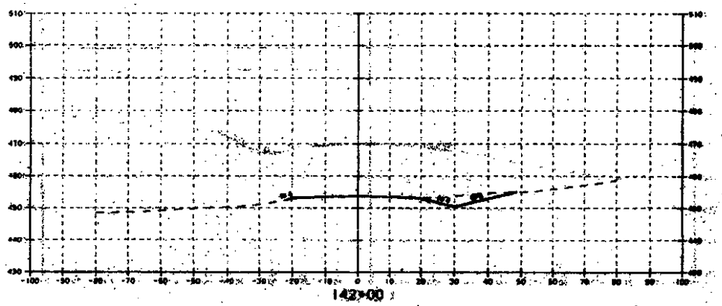
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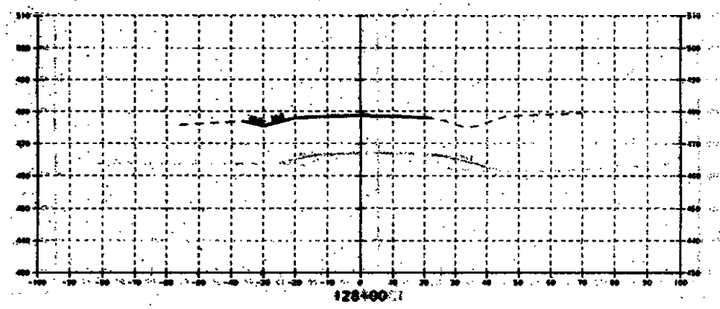
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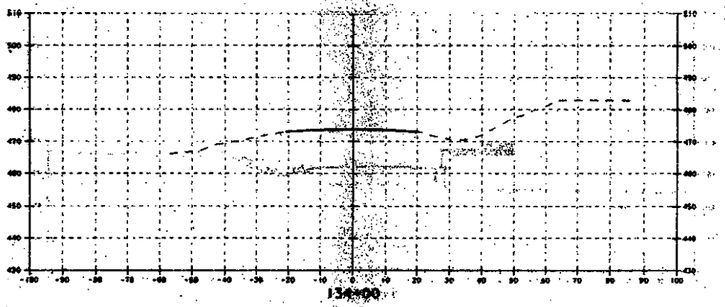
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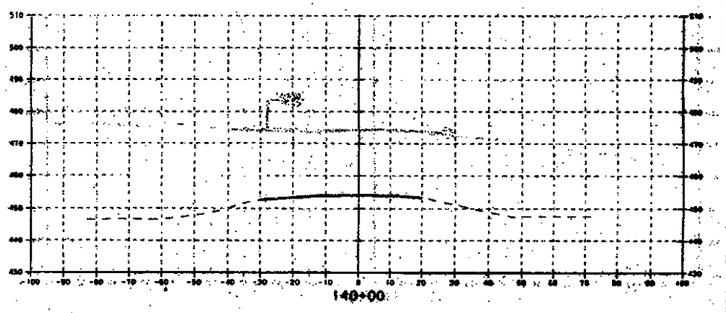


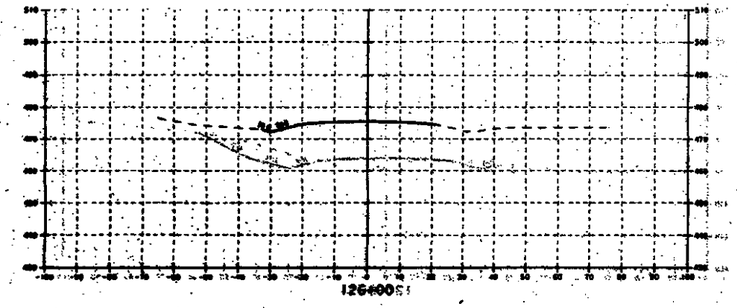


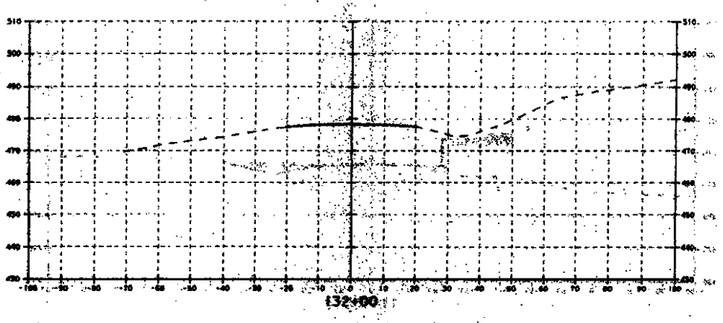


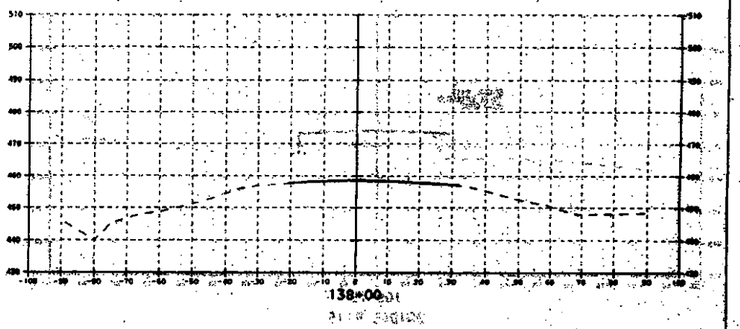












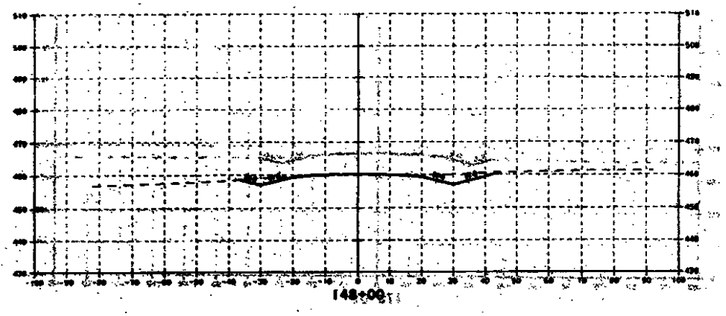
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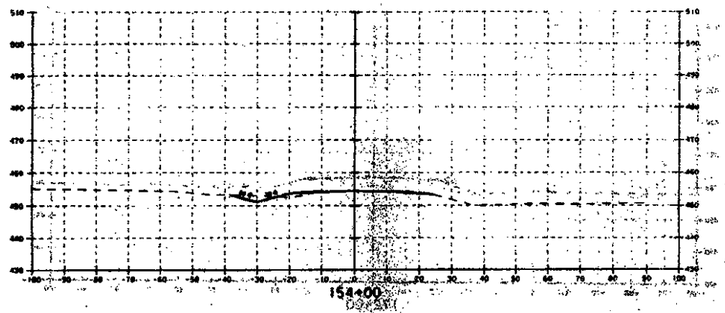
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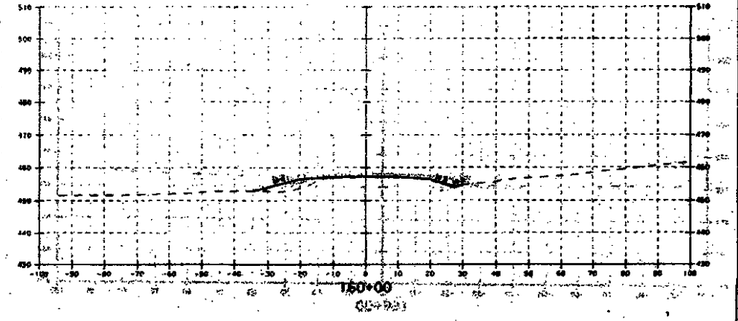
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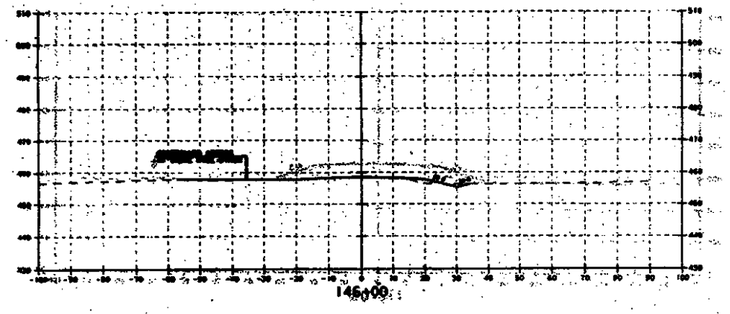
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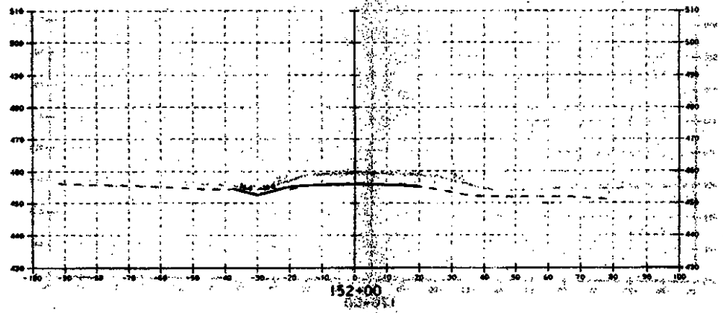
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DRAWN BY C. WOODS	DATE
SQUAD LEADER J.A. CARSO	
DESIGN FILE NO. /TRADS/1405a/1405dgns.dgn	
SPARK FILE /bonnie/robin/053	DATE PLOTTED 7/25
PROJ. NAME BRANDON - LEICESTER	
PROJ. NO. FECG-F-099-3(29)	
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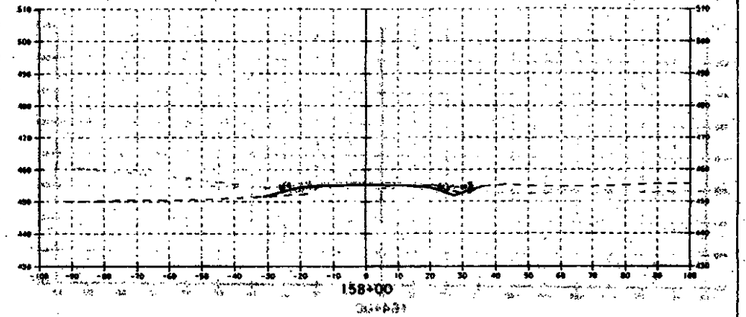


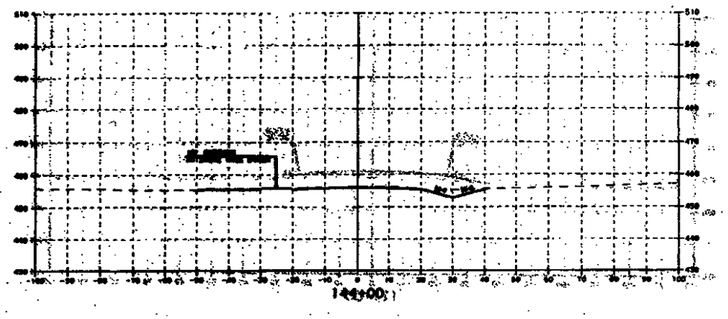


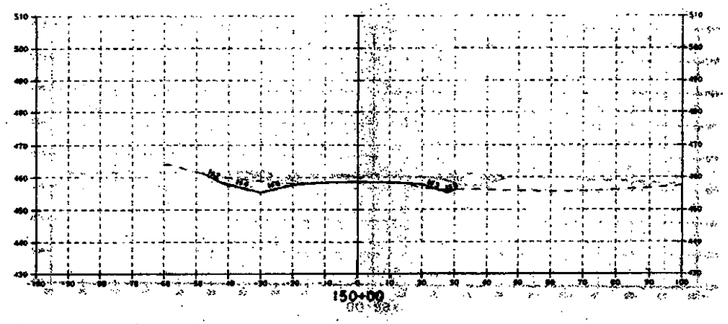


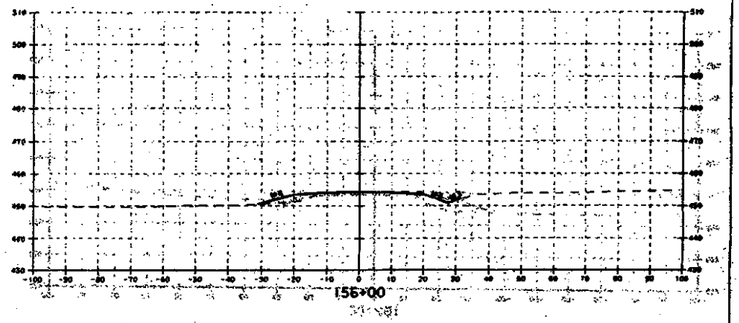










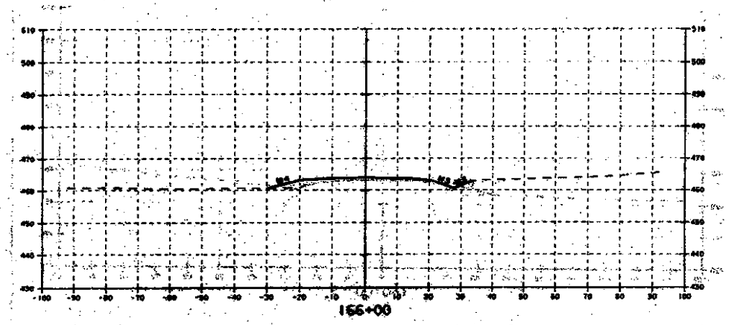


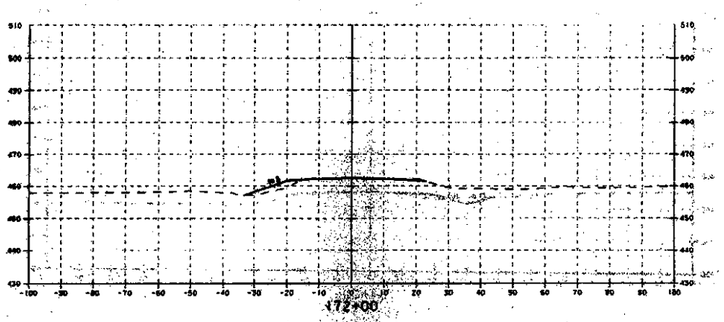
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HORIZONTAL

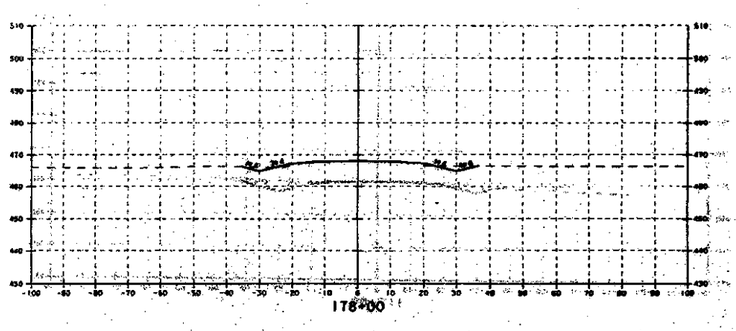
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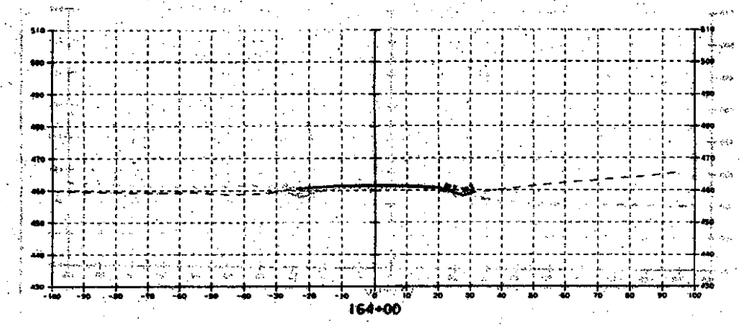
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DRAWN BY		DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78405h/1d05a/1d08arev.dgn	
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PROJ. NAME	BRANDON - LEICESTER	
PROJ. NO.	FECG-F-019-3(29)	
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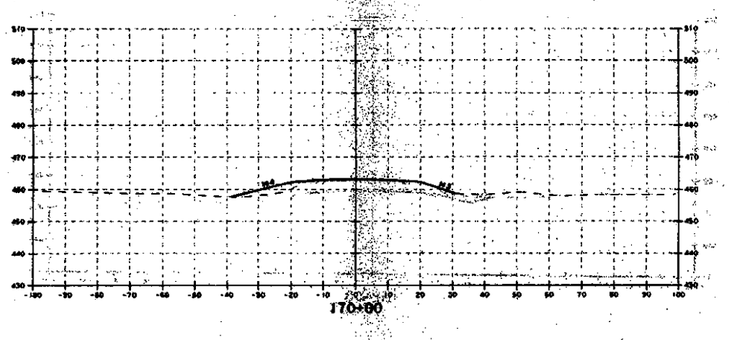


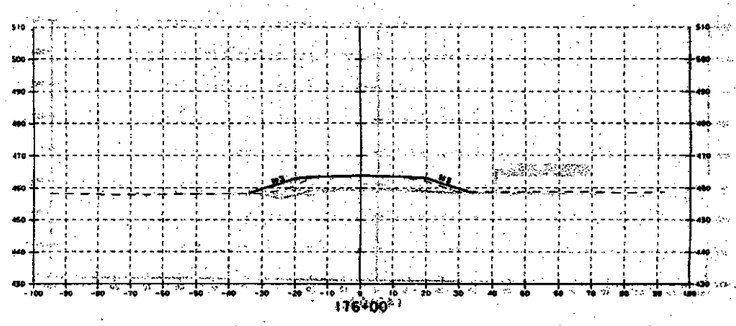


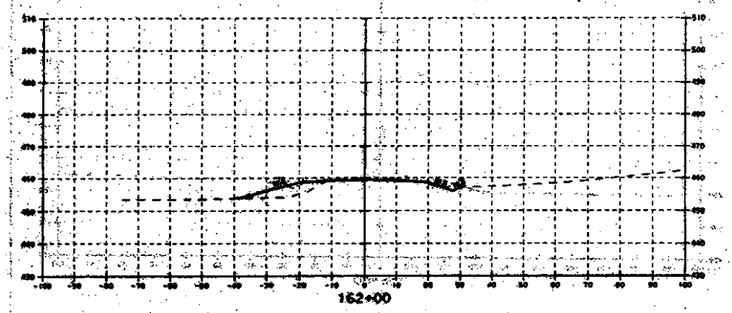


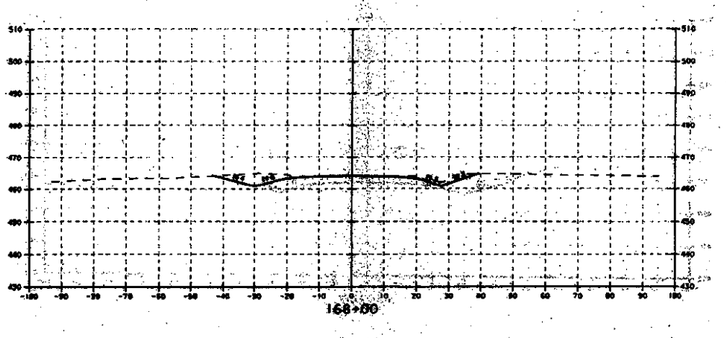
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SEE SCOPING REPORT FOR
IMPACT ANALYSIS

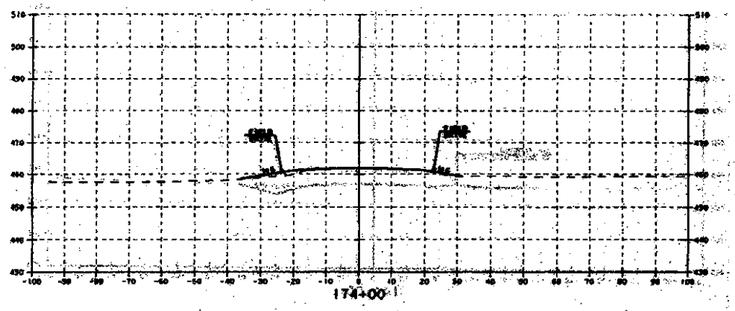












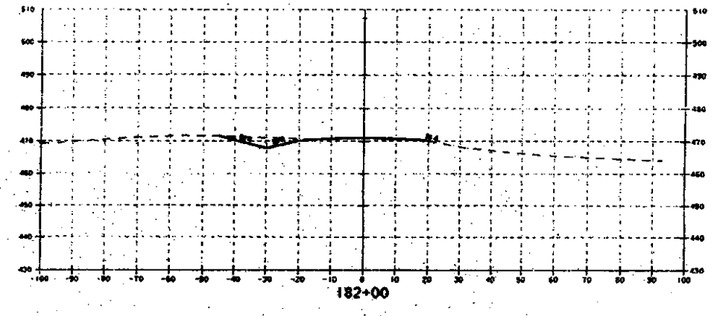
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HORIZONTAL

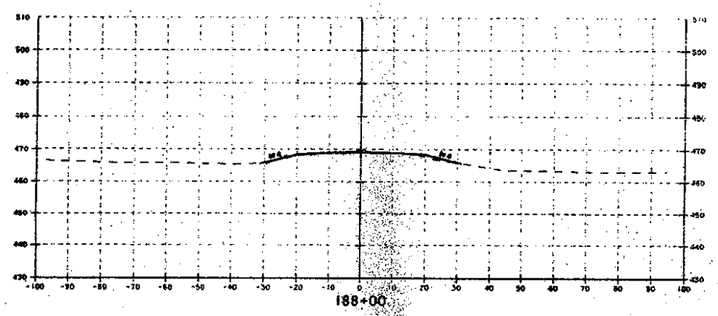
ALTERNATIVE B

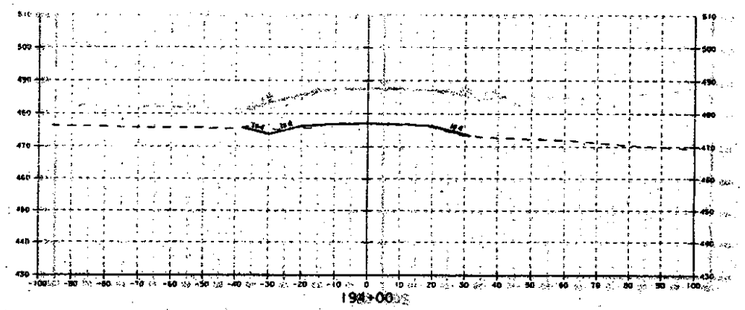
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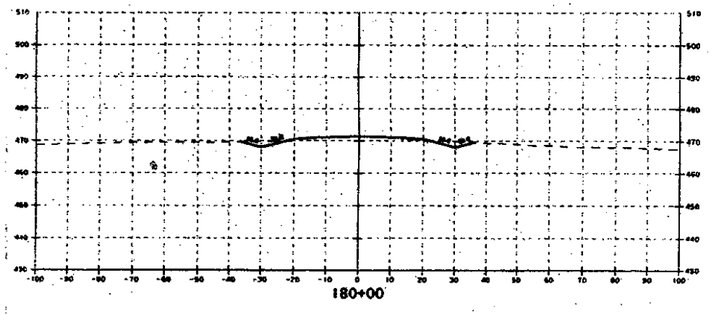
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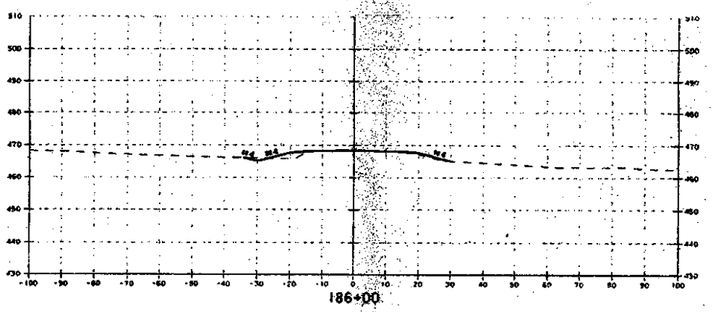
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DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
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PROJ. NAME BRANDON - LEICESTER
PROJ. NO. FECG-F-019-3(29)
SHEET OF SHEETS

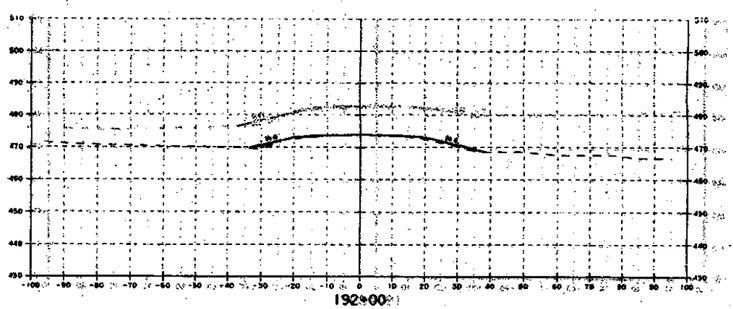


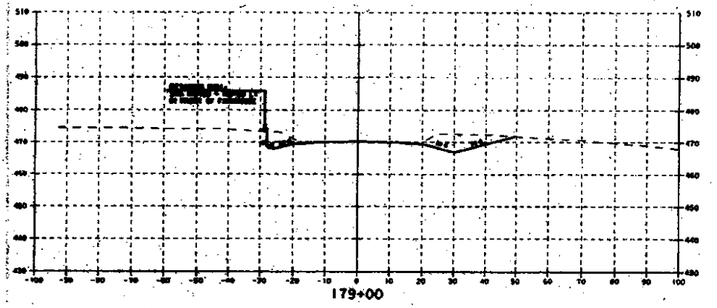


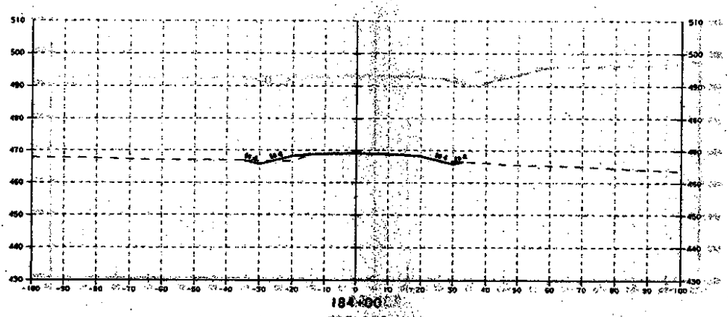


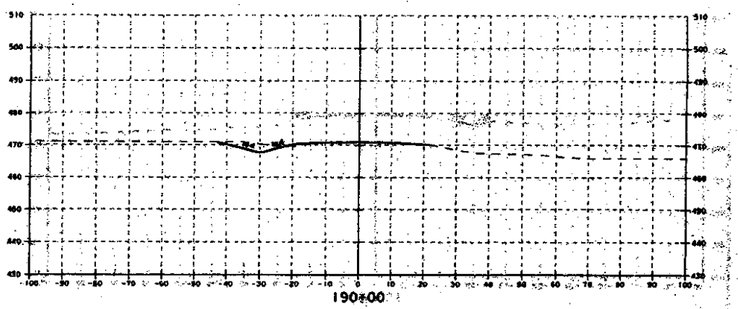












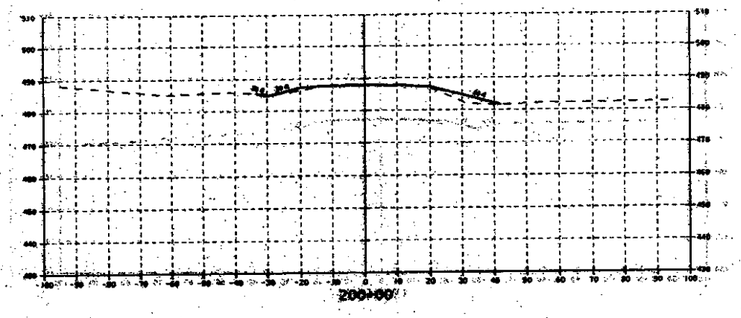
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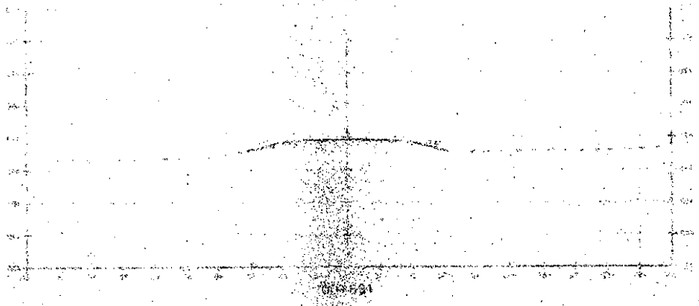
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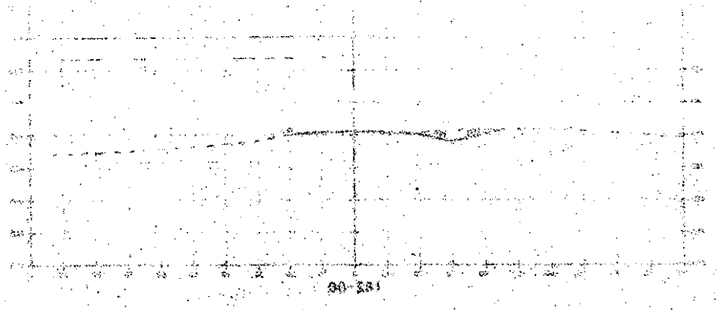
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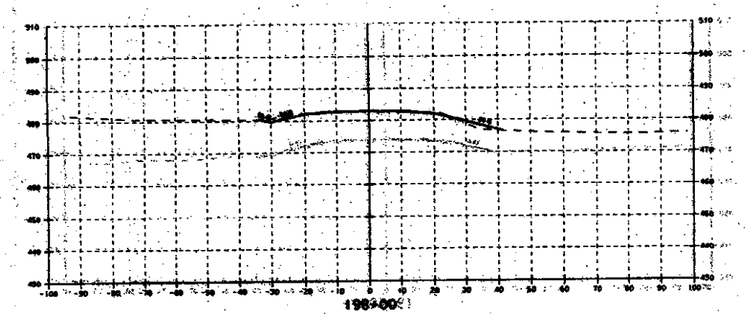
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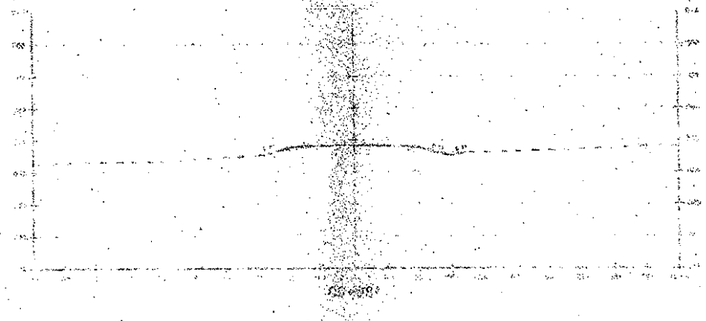
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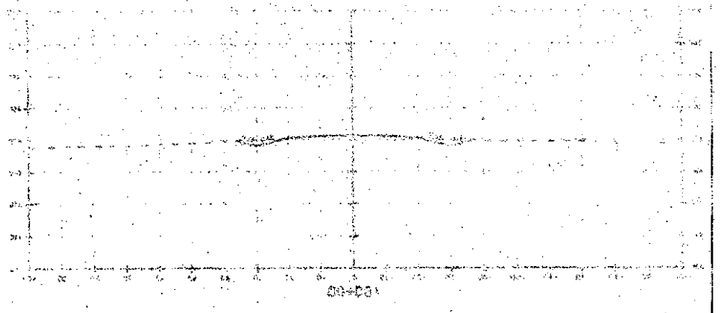


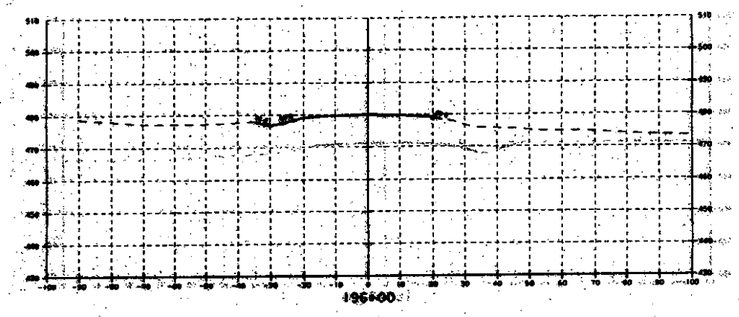


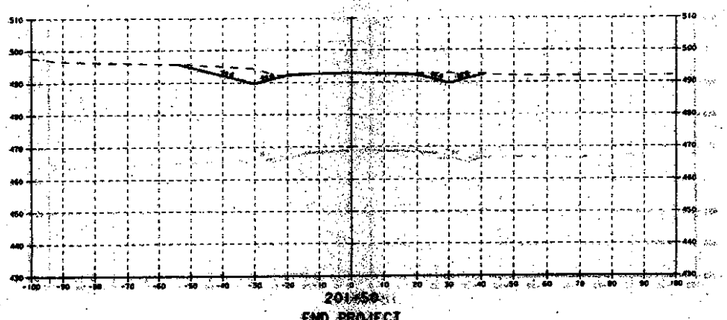


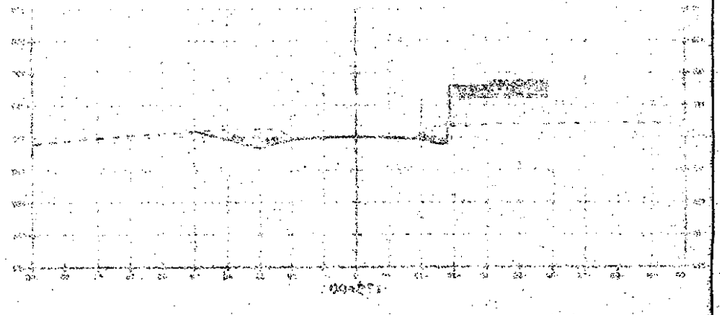








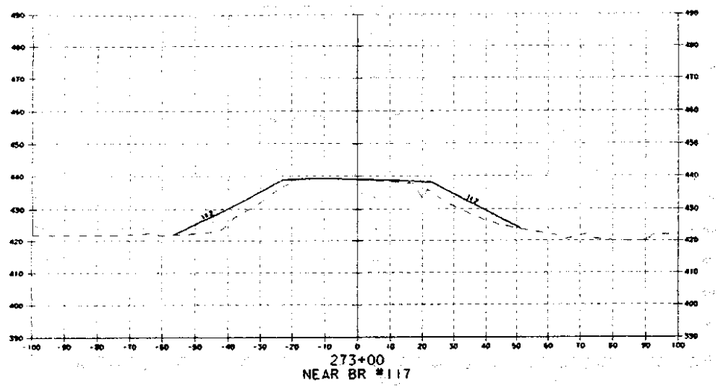


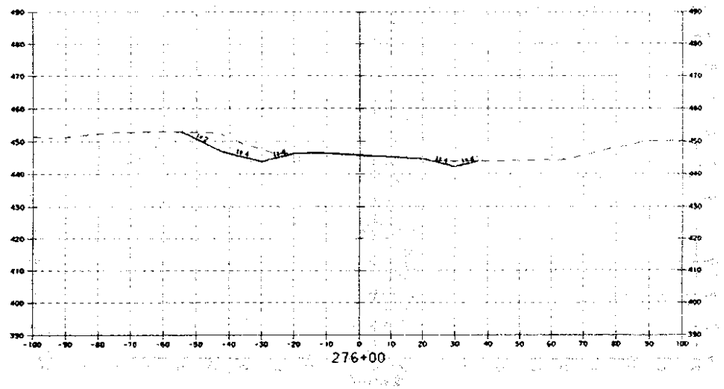


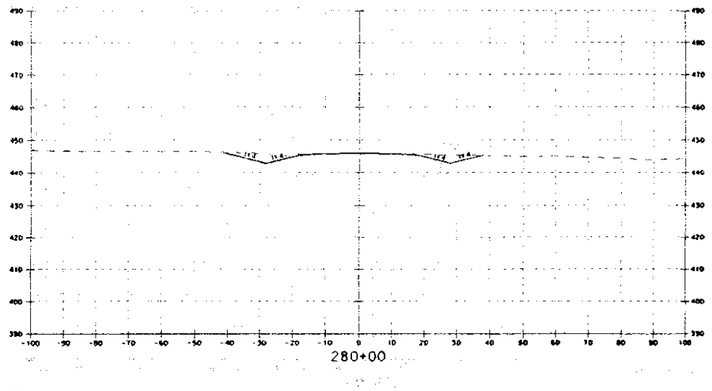
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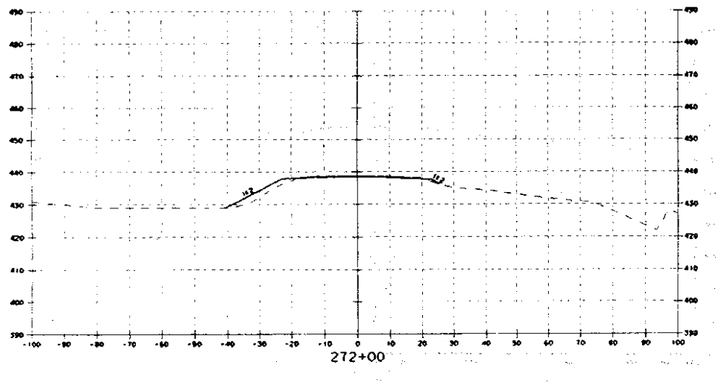
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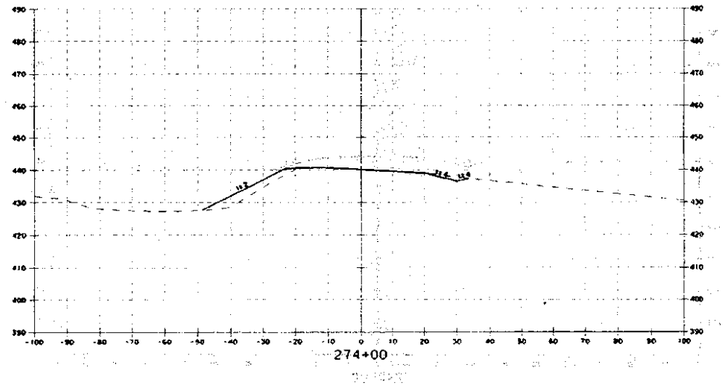
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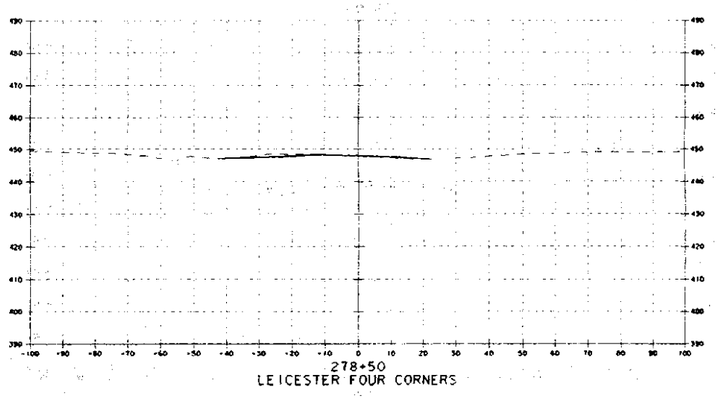


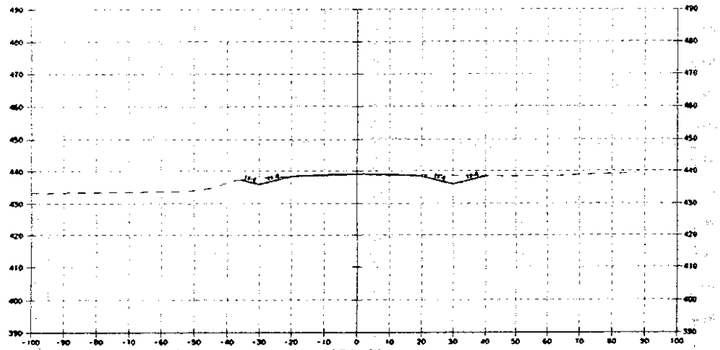


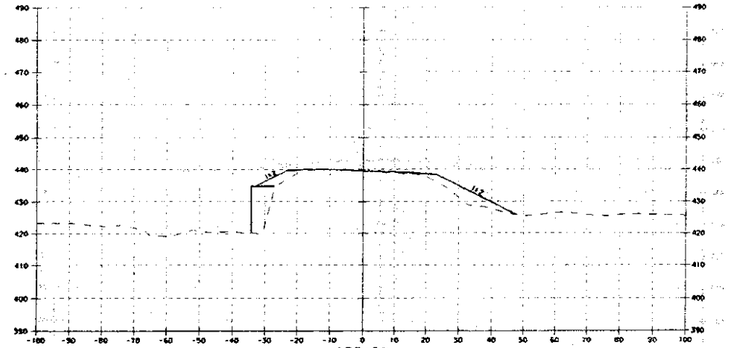


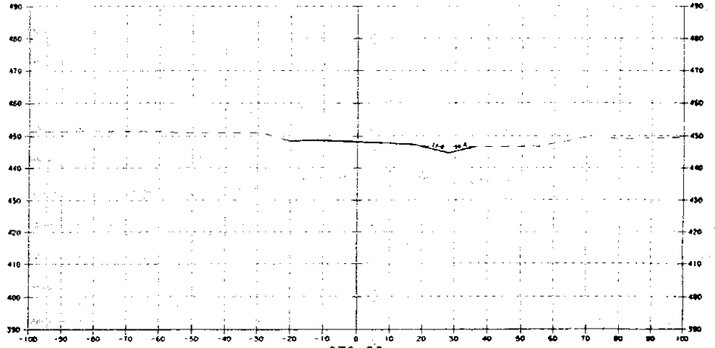












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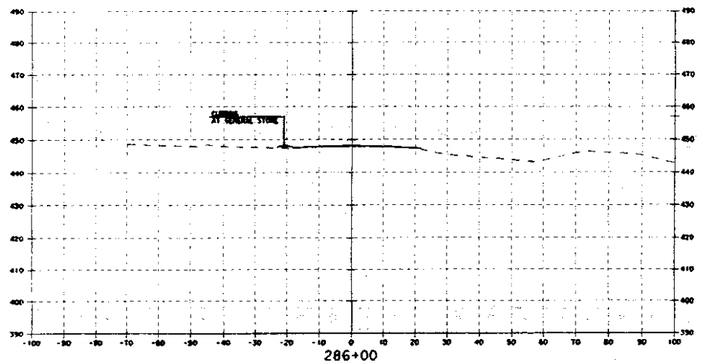
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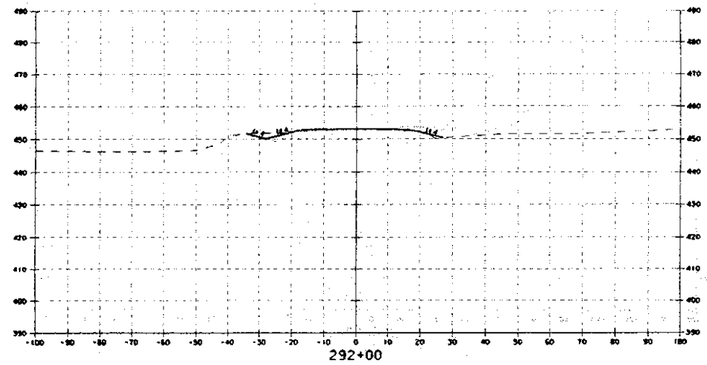
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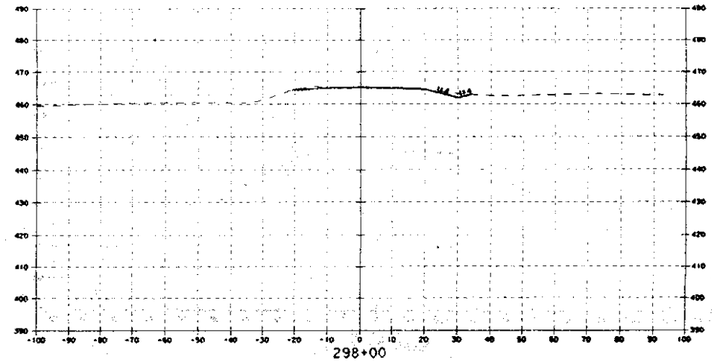
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SQUAD LEADER J.A. GARSO

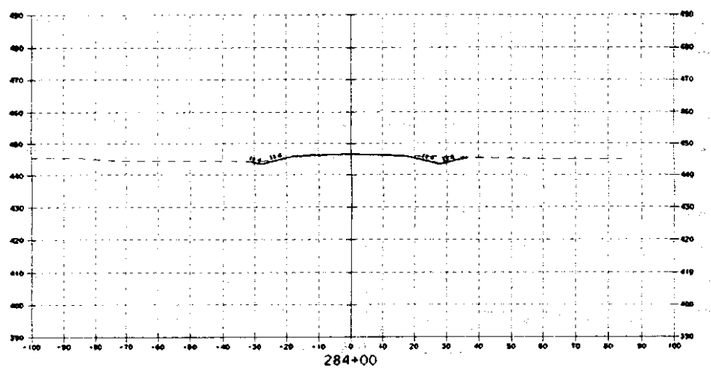
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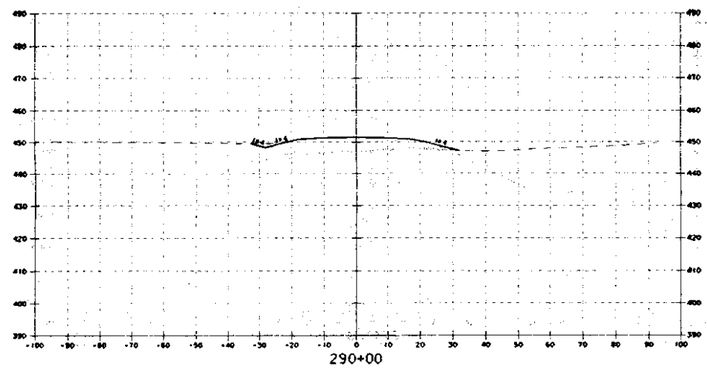
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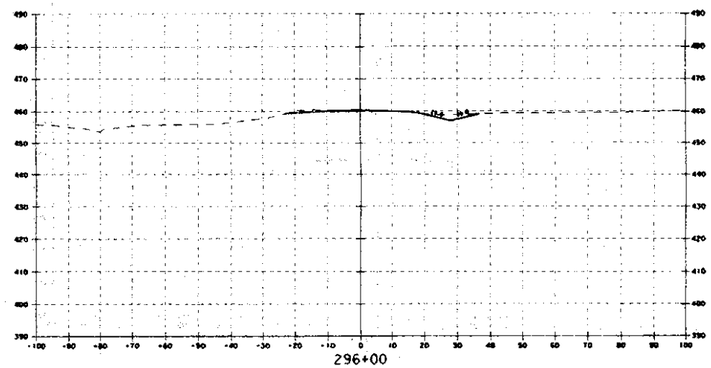


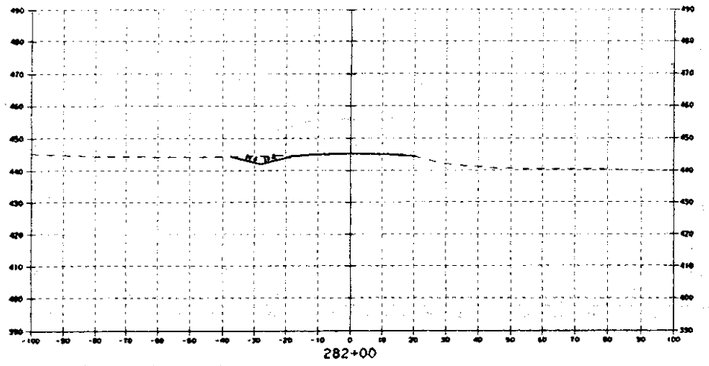


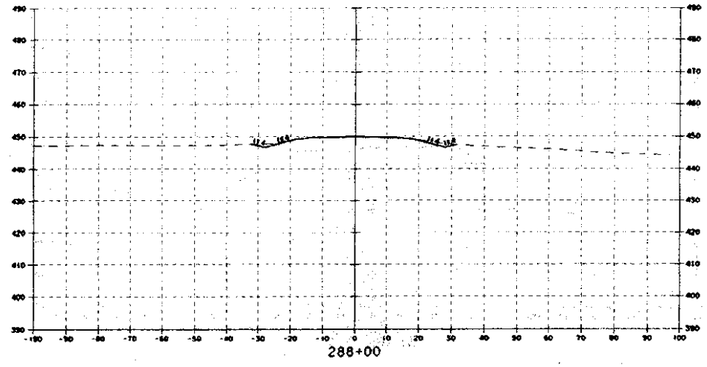


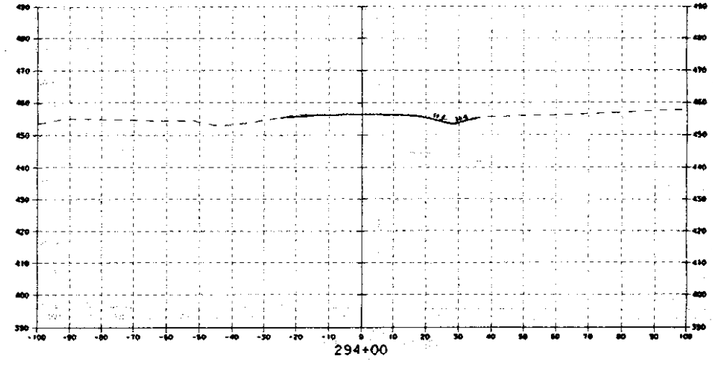












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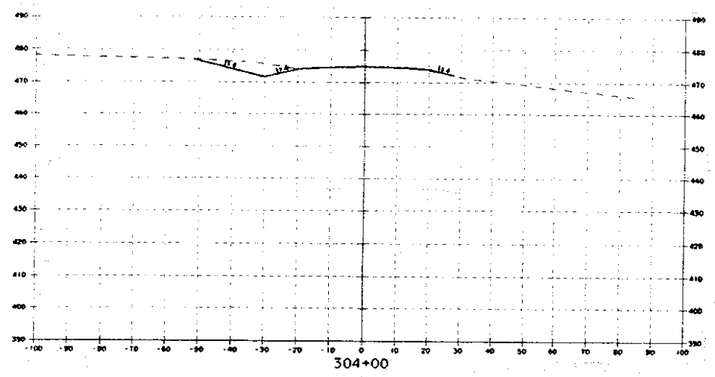
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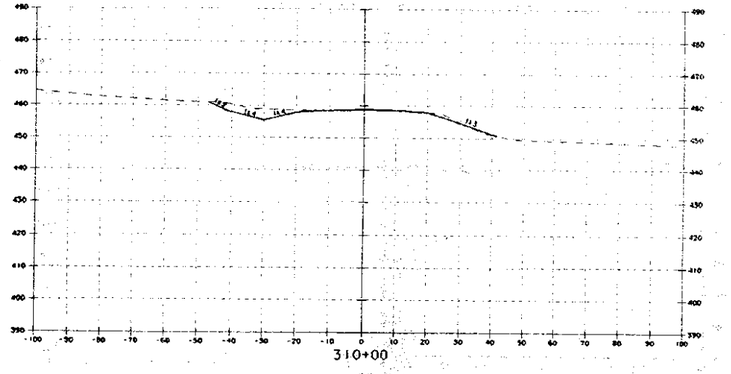
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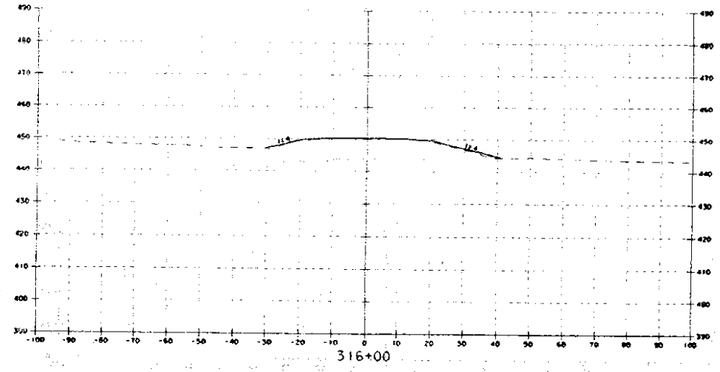
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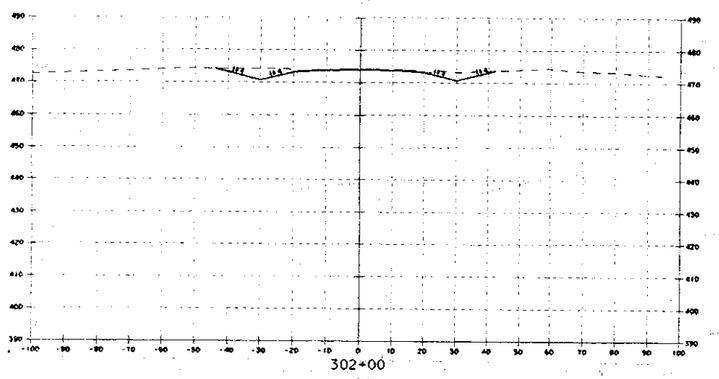
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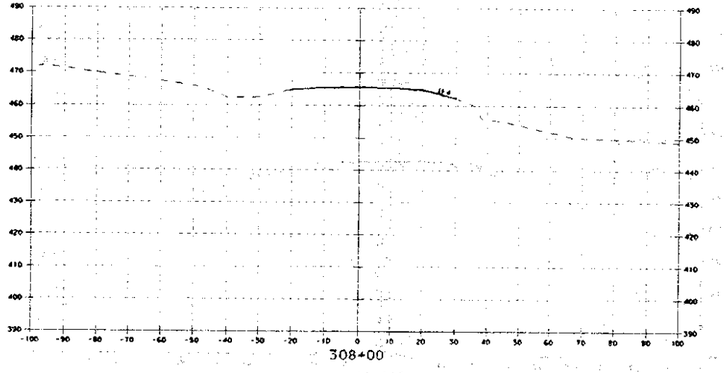
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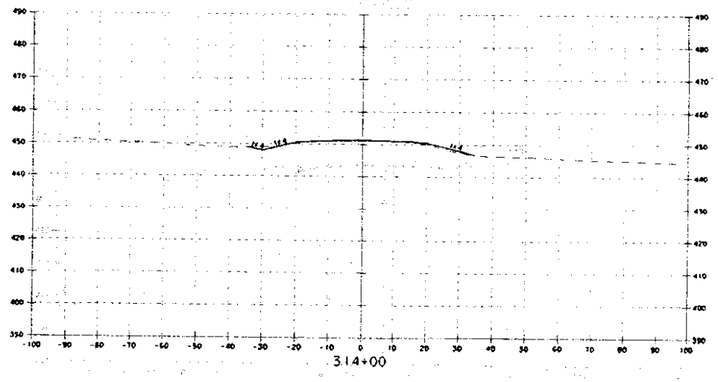


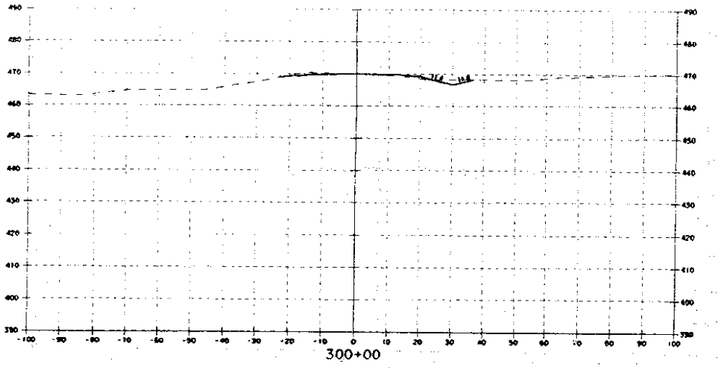


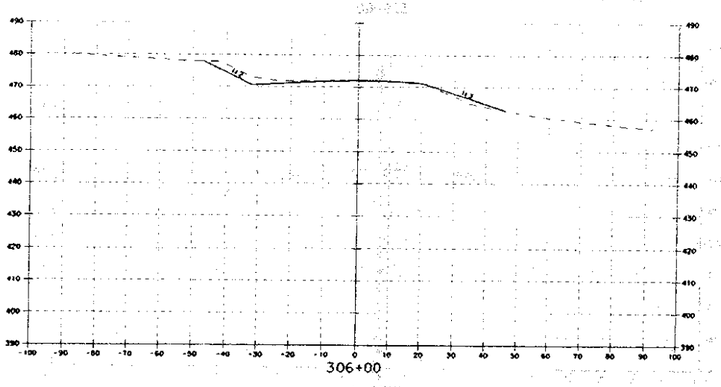


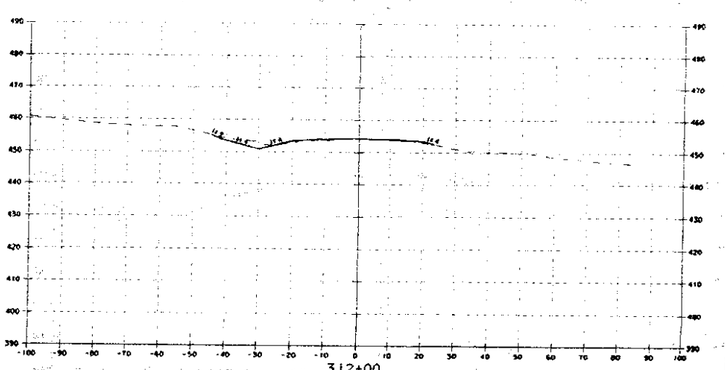












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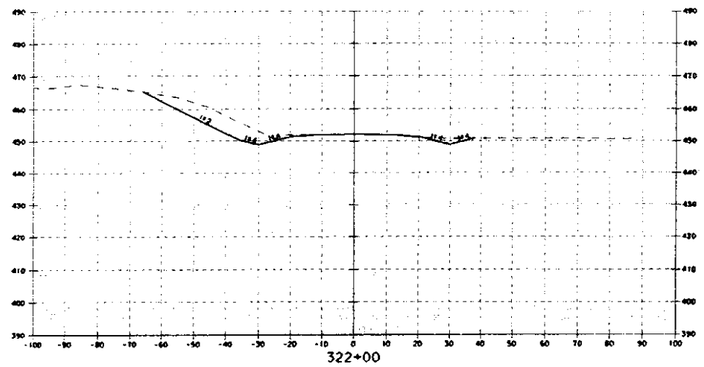
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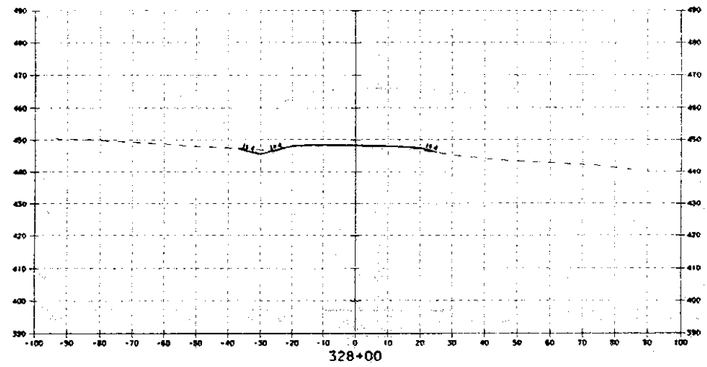
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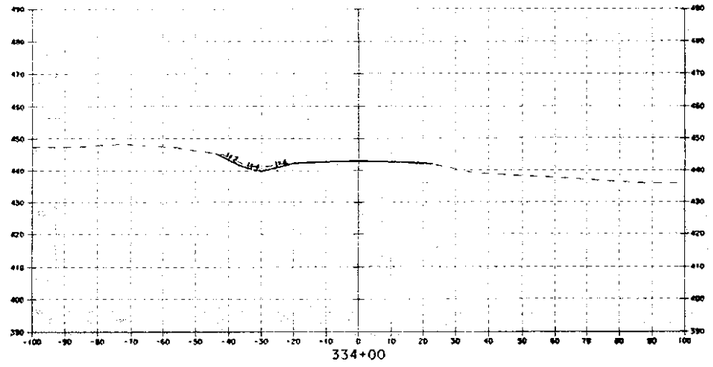
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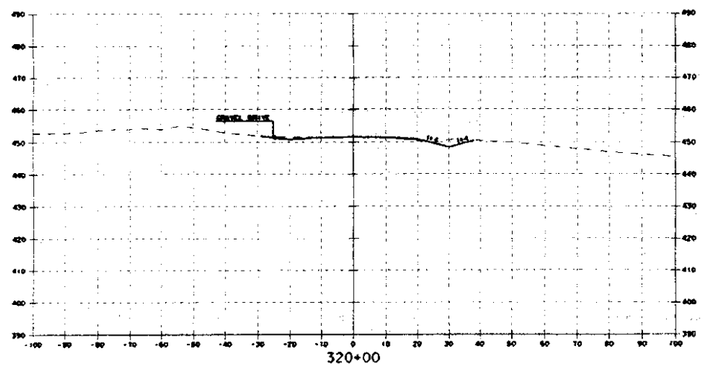
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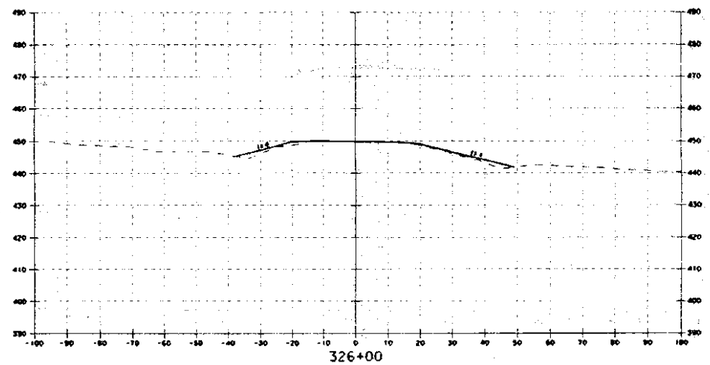
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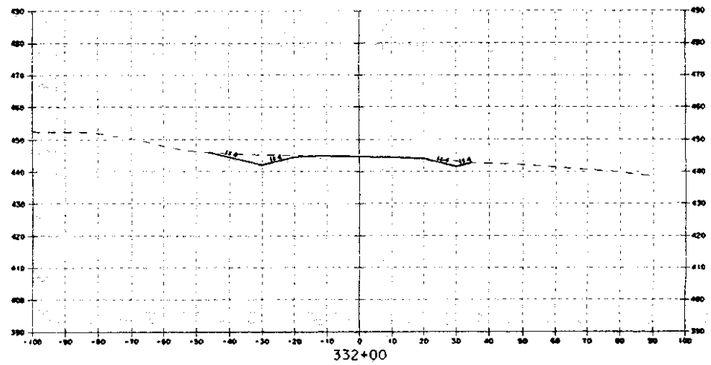

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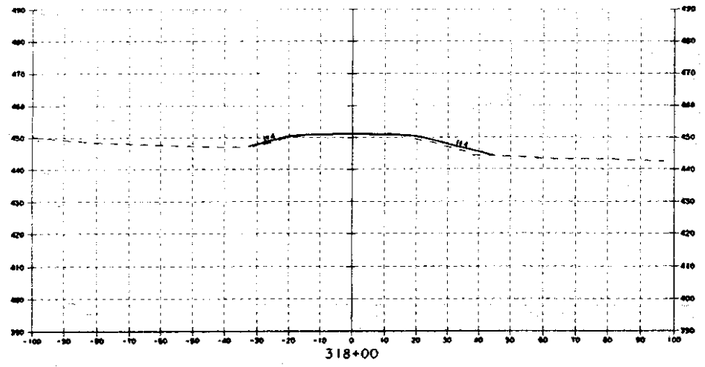

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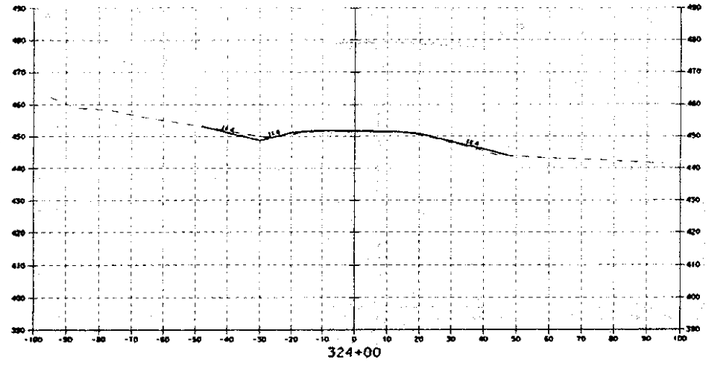

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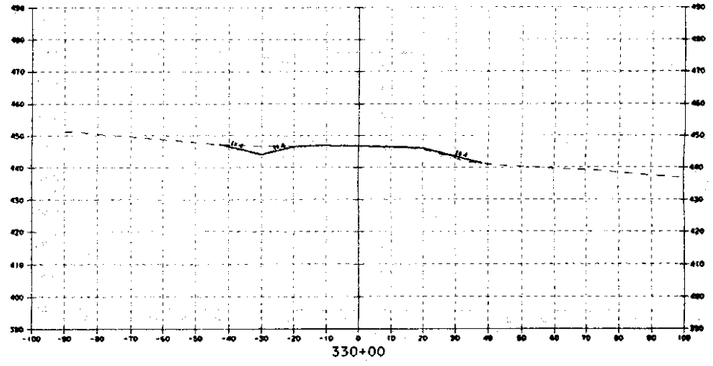

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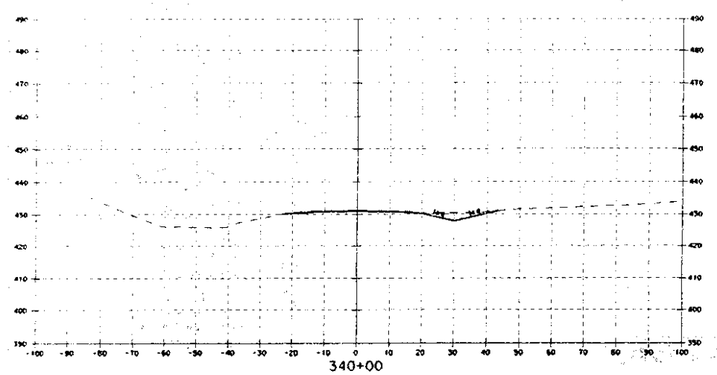
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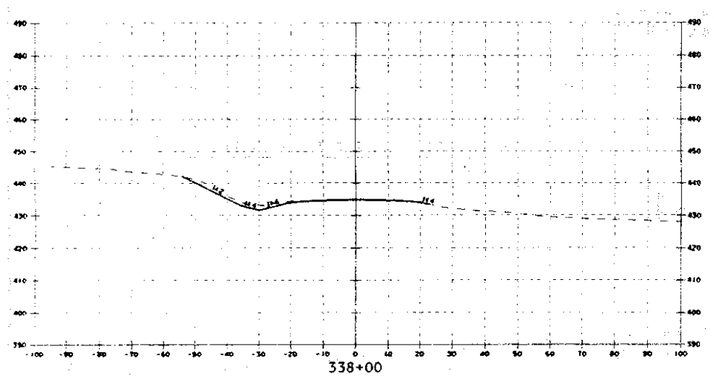
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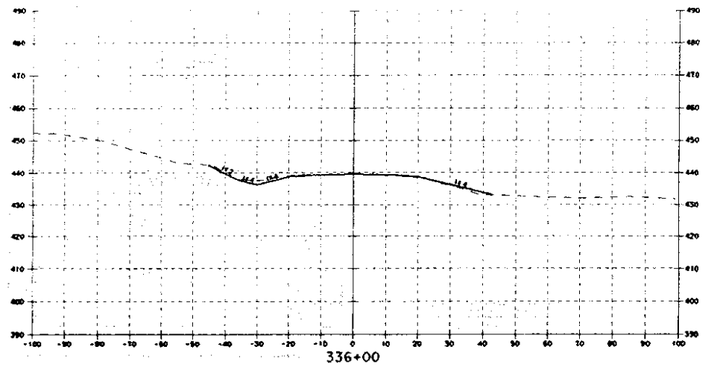
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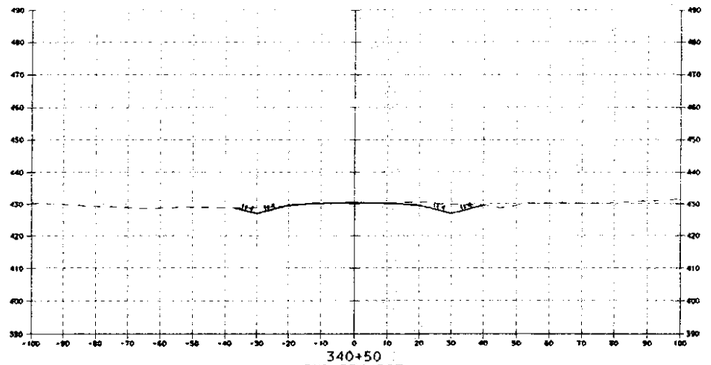
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PROJ. NO. FECG F 019-3(29)
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DATUM
VERTICAL _____
HORIZONTAL _____

ALTERNATIVE B

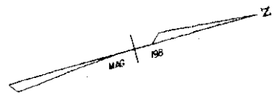
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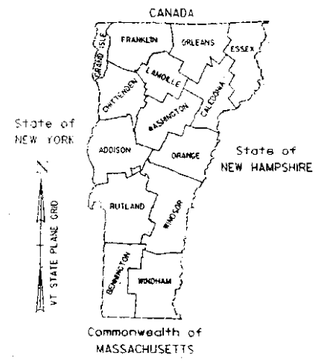
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STATE OF VERMONT
AGENCY OF TRANSPORTATION



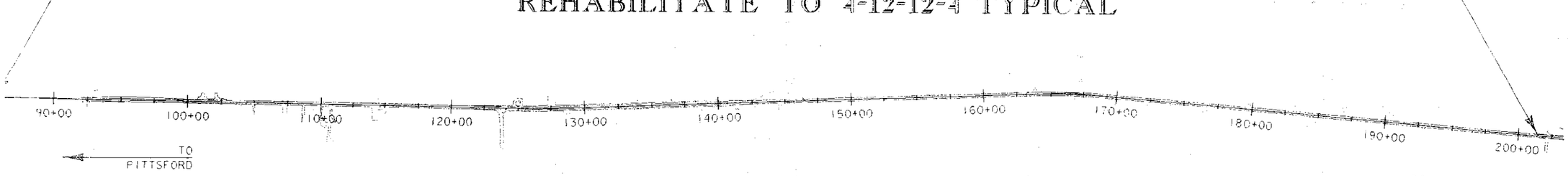
PROPOSED IMPROVEMENT
TOWNS OF BRANDON AND LEICESTER
COUNTIES OF RUTLAND AND ADDISON
US 7 (MAJOR ARTERIAL)

ALTERNATIVE C

REHABILITATE TO 4-12-12-4 TYPICAL

BEGIN PROJECT FEGC F 019-3(29)
BRANDON STA 85+50

STOP PROJECT FEGC F019-3(29)
BRANDON STA 201+50



CONVENTIONAL SIGNS

- COUNTY LINE
- TOWN LINE
- POINTS OF ACCESS
- POINT OF ACCESS
- FENCE LINE
- STONE WALL
- TRAVELED WAY
- GUARD RAIL
- RAILROAD
- SURVEY LINE
- CULVERT
- POWER POLE
- TELEPHONE POLE
- TREES
- CONTROL OF ACCESS
- PROPERTY LINE
- R.O.W. TAKING LINE
- SLOPE RIGHTS
- TOP OF CUT
- TOE OF SLOPE

DATUM
VERTICAL
HORIZONTAL

0 350 700
SCALE IN FEET

TRAFFIC DATA			
	1995	2000	2015
ADT	6140	6670	7660
DHV	655	715	820
ADTT	415	480	625
%DIR	51	51	51
%TRUCK	4	4	5

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED _____ DATE _____
DIRECTOR OF ENGINEERING

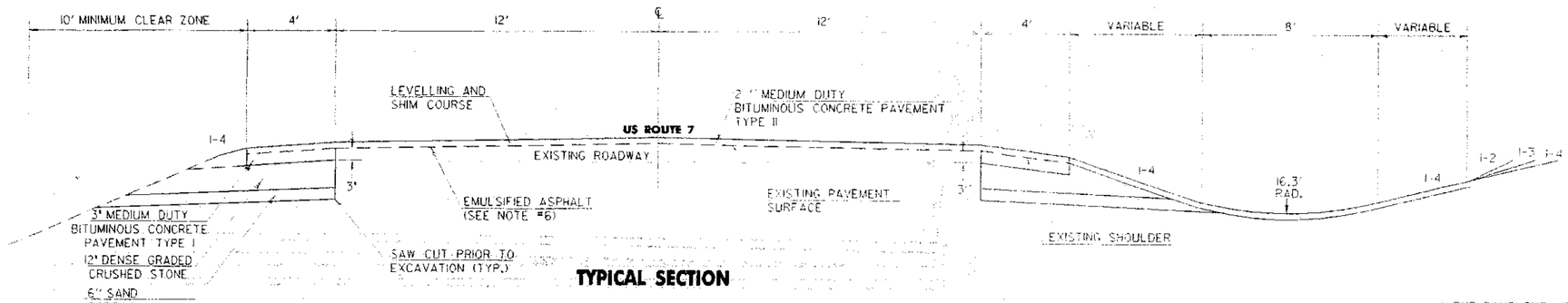
DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR

PROJECT

SHEET 1 OF SHEETS

US ROUTE 7 - REHABILITATE TO 4-12-12-4 TYPICAL



TYPICAL SECTION

NOT TO SCALE

NOTES

1. THE PAVEMENT WEARING COURSE SHALL BE TYPE II, MEDIUM DUTY BITUMINOUS CONCRETE PAVEMENT, ITEM 406.27.
2. THE LEVELING COURSE SHALL BE TYPE III OR TYPE IV AS DIRECTED BY THE ENGINEER.
3. EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE RESIDENT ENGINEER, SHALL BE EXCAVATED TO A DEPTH OF 12" OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT , AS DIRECTED BY THE ENGINEER.

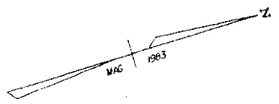
   EXCAVATION WILL BE PAID FOR AS ALL PURPOSE EXCAVATOR OR GRADER RENTAL.

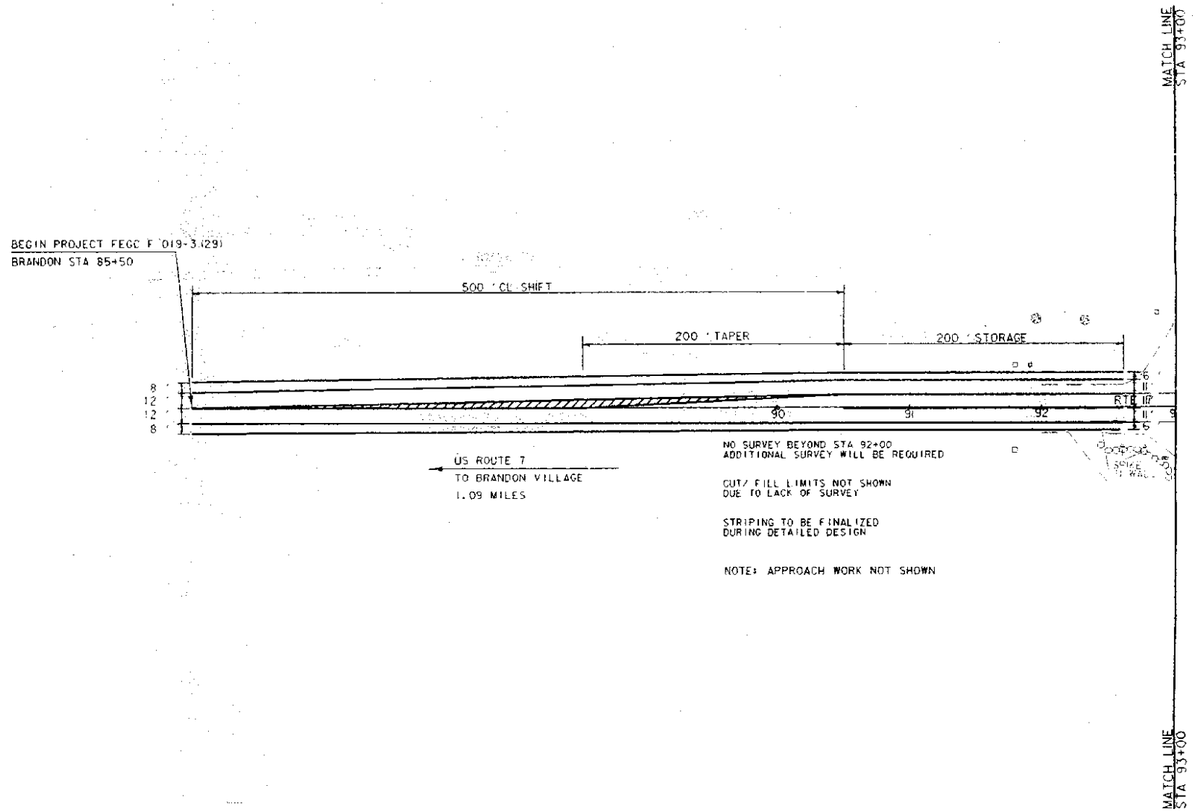
   MATERIAL REMOVED SHALL BE REPLACED WITH SUBBASE OF CRUSHED GRAVEL (FINE GRADED).
4. COLD PLANING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. ALL COLD PLANED AREAS SHALL BE TACKED WITH EMULSIFIED ASPHALT AS DIRECTED.
5. THREE FEET OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 6' POST. IF THIS CANNOT BE OBTAINED THEN 8' POSTS WILL BE USED.
6. EMULSIFIED ASPHALT, SHALL BE APPLIED ON ALL EXISTING SURFACES, ON ALL COLD PLANED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF 0.015 GAL./SY. OR AS DIRECTED BY THE RESIDENT ENGINEER
7. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = $\pm\frac{1}{4}$" (TOTAL PAVEMENT THICKNESS EXCLUDING LEVELING).

DATUM
VERTICAL _____
HORIZONTAL _____

ALTERNATIVE C
REHABILITATE TO 4-12-12-4 TYPICAL

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: Z:\DOCZ7800514\LD05IFRM.DGN	
IPARM FILE NAME: Z:\DOCZ7800514\LD05IFM2.I	PLOT DATE: 19-NOV-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: B. NOYES
	SHEET: OF





ALTERNATIVE C

DATUM
VERTICAL
HORIZONTAL

SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /78d051/1d051bdr.dgn
FARM FILE .../iperms/101. DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 1 OF 15 SHEETS

NOTES:

NORTHBOUND LEFT-TURN LANE
TAPER AND APPROACH:
STA 85+50 Δ 99+50 LT

GUARD RAIL:
STA 100+00 Δ 103+00 RT
STA 104+00 Δ 105+00 LT

UNDERDRAIN:
STA 103+00 Δ 105+00 RT

MATCH LINE
STA 93+00

MATCH LINE
STA 106+00

500' CL SHIFT

94 95 96 97 98 99 100 101 102 103 104 105 106

AVOID IMPACTS TO
HISTORIC STONE WALL:
STA 95+50 Δ 96+50 RT

REPLACE REMOVED TREES WITH SIMILAR
TYPE LANDSCAPE BARRICADE

BM #
C. V.
ELEV. 93.38

MATCH LINE
STA 93+00

MATCH LINE
STA 106+00

SCALE 1" = 100'-0
50 0 50

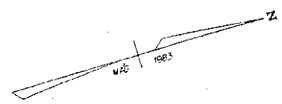
ALTERNATIVE (

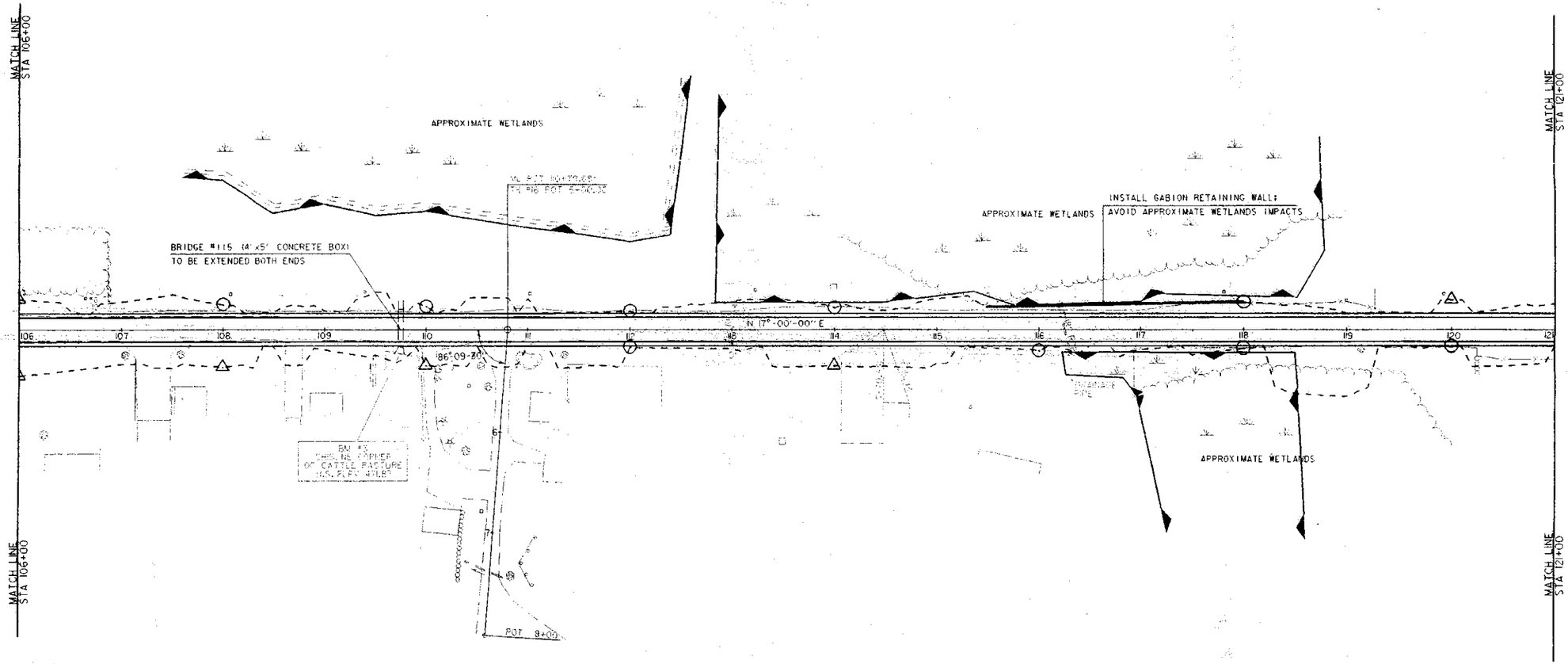
SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
IPARM FILE	.../iparms/101.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	1 OF 15 SHEETS	

DATUM
VERTICAL
HORIZONTAL

NOTES:

GUARD RAIL AND
GABION RETAINING WALL
STA 115+50 & 118+00 LT





SCALE 1" - 100'-0

50 0 50

ALTERNATIVE C

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdf.dgn	
IPARM FILE	.../iparms/102.	DATE PLOTTED T/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	2 OF 15 SHEETS	

CURVE #1 DATA:
Δ = 3°03'00"
D = 0°30'00"
R = 11459.16'
T = 305.07'
L = 610.00'
E = 4.06
BANK = NC

MATCH LINE
STA 121+00

MATCH LINE
STA 137+00

POT 123+46.6

POT 124+75.54

POT 13+00.00

N 17°-00'-00" E

N 13°-57'-00" E

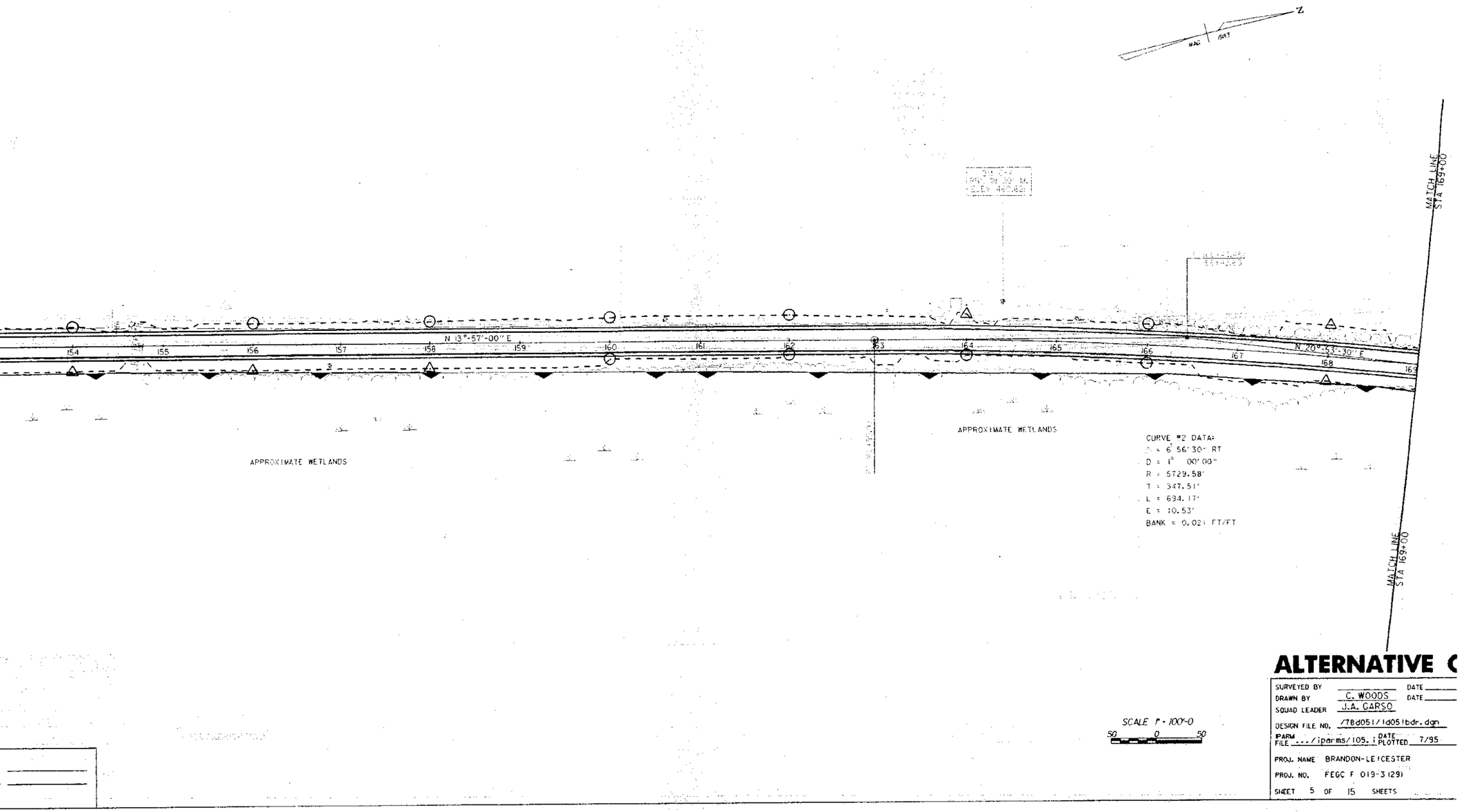
HUB

SCALE 1" = 100'-0

50 0 50

ALTERNATIVE (

SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /78d051/1d051bdr.dgn
IPARM FILE .../iparms/103. DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 3 OF 15 SHEETS



ALTERNATIVE C

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
IPARM FILE	.../iparms/105.i	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	5 OF 15 SHEETS	

STA 153+00

APPROXIMATE WETLANDS

N 13°-57'-00" E

153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169

N 20°-57'-30" E

APPROXIMATE WETLANDS

CURVE #2 DATA:
Δ = 6°56'30" RT
D = 1° 00'00"
R = 5729.58'
T = 347.51'
L = 694.17'
E = 10.53'
BANK = 0.021 FT/FT

MATCH LINE STA 169+00

MATCH LINE STA 169+00

SCALE 1" = 100'-0

50 0 50

ALTERNATIVE C

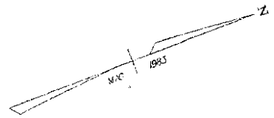
SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
I/ARM FILE	.../iparms/105.1	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	5 OF 15 SHEETS	

AL _____
NTAL _____

NOTES:

1:2 FILL SLOPES
STA 170+00 & 177+00 LT
1:3 FILL SLOPES
STA 178 RT

REDUCED CLEAR ZONE:
16 FEET FROM EDGE OF LANE
STA 178+00 & 180+00 LT



MATCH LINE
STA 169+00

MATCH LINE
STA 185+00

APPROXIMATE WETLANDS

RETAIN LILAC

STONE
RETAINING WALL

RETAIN MAPLES

N 20°-53'-30"E

169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

MATCH LINE
STA 169+00

MATCH LINE
STA 185+00

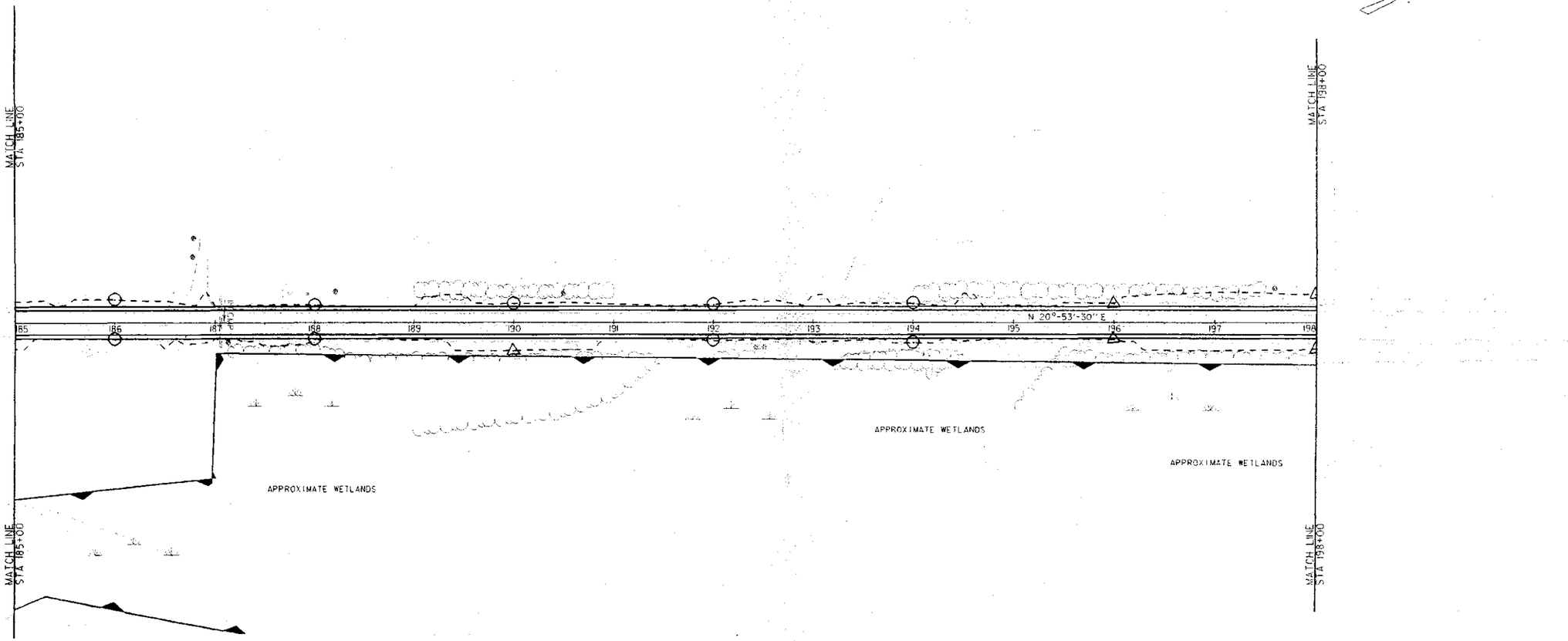
APPROXIMATE WETLANDS

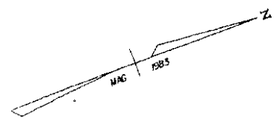
SCALE 1" = 100'-0
50 0 50

ALTERNATIVE C

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
IRARM FILE	..../iparms/106.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	6 OF 15 SHEETS	

M
TICAL
IZONTAL





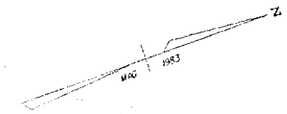
SCALE 1" = 100'-0

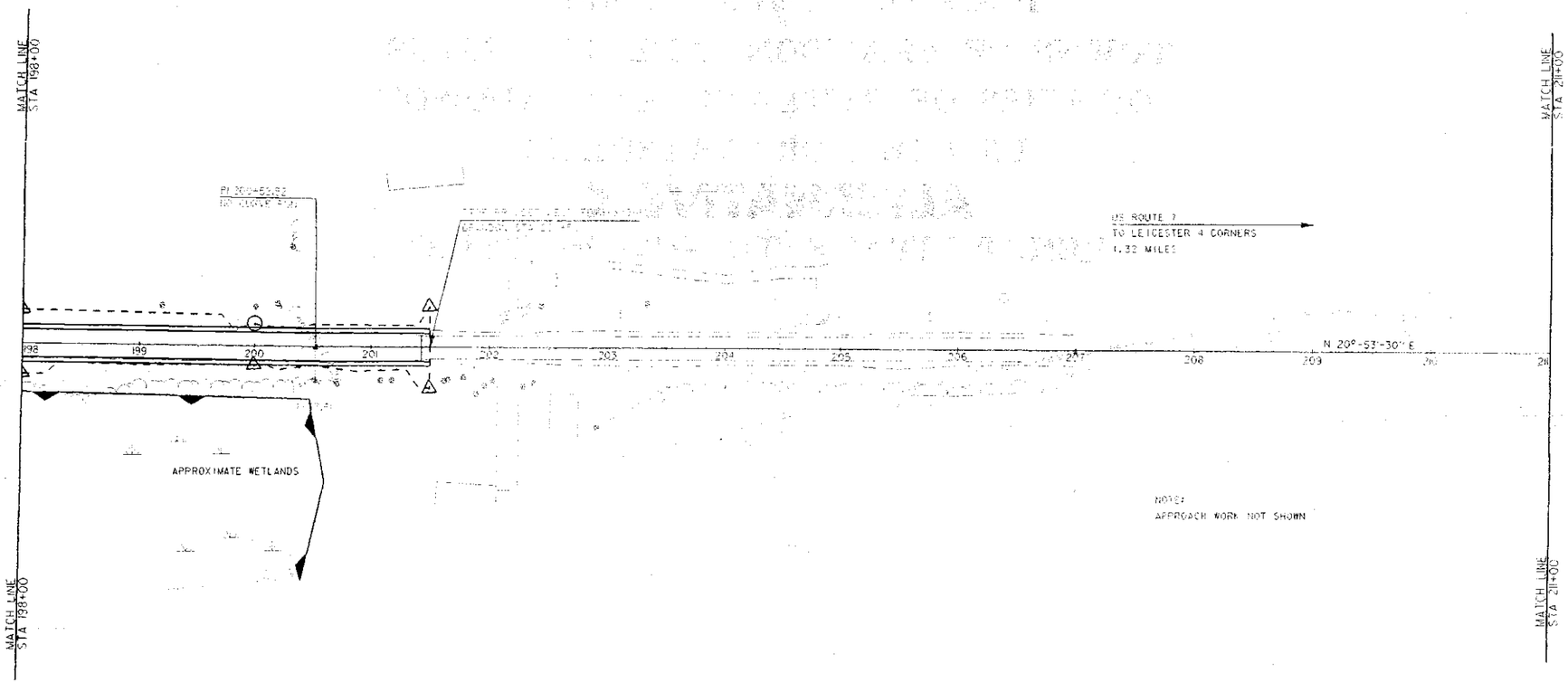
50 0 50

DATUM
VERTICAL _____
HORIZONTAL _____

ALTERNATIVE C

SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /78d051/1d051bdr.dgn
PARM FILE .../iparms/107.1 DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 7 OF 15 SHEETS





NOTE:
APPROACH WORK NOT SHOWN

SCALE 1" = 100'-0
50 0 50

ALTERNATIVE C

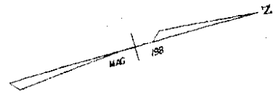
SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /78d051/1d051bdr.dgn
FARM FILE .../farms/108. DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 8 OF SHEETS

INDEX OF SHEETS

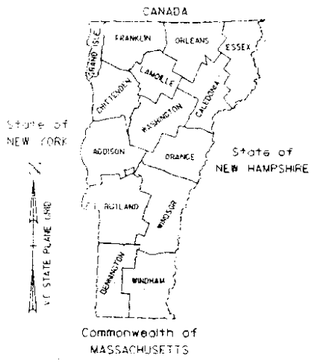
1 TITLE SHEET

2-XX PLAN SHEETS

XX-XX SECTION SHEETS



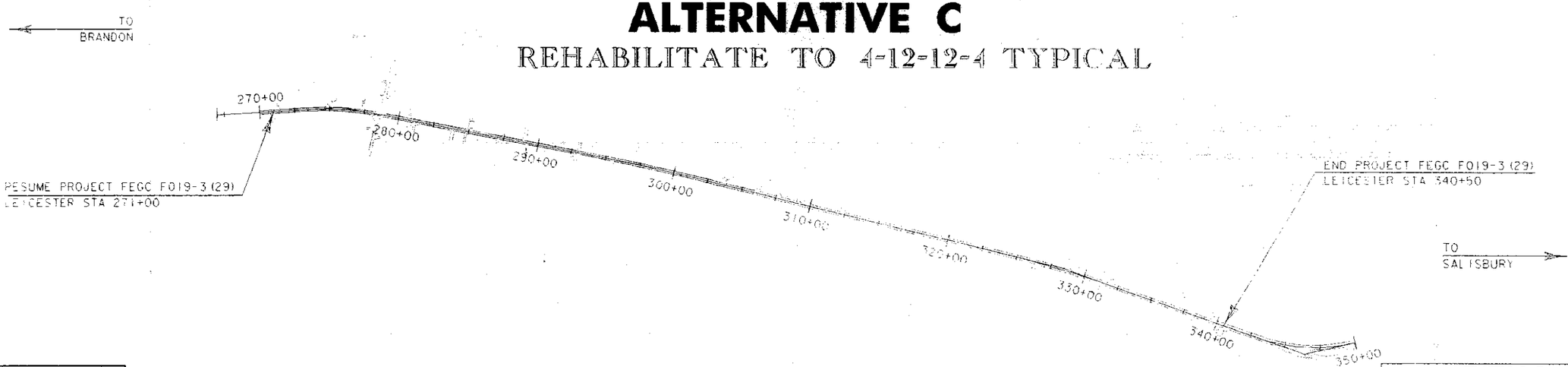
STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
TOWNS OF BRANDON AND LEICESTER
COUNTIES OF RUTLAND AND ADDISON
US 7 (MAJOR ARTERIAL)

ALTERNATIVE C

REHABILITATE TO 4-12-12-4 TYPICAL



TRAFFIC DATA			
	1995	2000	2015
ADT	6190	6680	7710
DHV	660	715	825
ADTT	415	480	625
%DIR	51	51	51
%TRUCK	4	4	5

CONVENTIONAL SIGNS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE

DATUM
VERTICAL
HORIZONTAL

0 350 700
SCALE IN FEET

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE CHIEF ENGINEER.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED _____ DATE _____
DIRECTOR OF ENGINEERING

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____
DIVISION ADMINISTRATOR

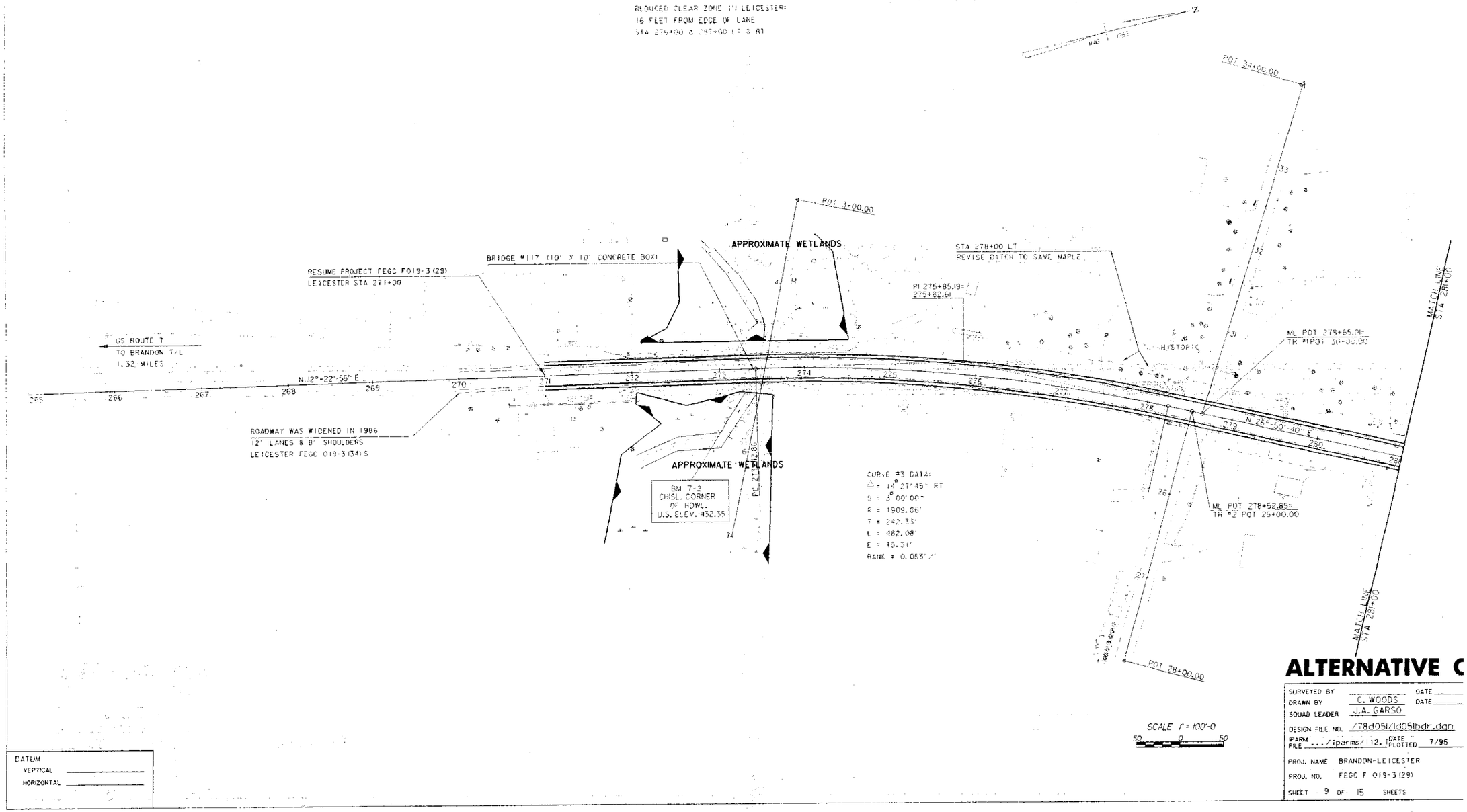
PROJECT

SHEET 1 OF SHEETS

NOTES:

#2 SLOPES WITH GUARD RAIL:
STA 272+00 & 274+50 LT
STA 272+00 & 275+60 RT

REDUCED CLEAR ZONE IN LEICESTER:
16 FEET FROM EDGE OF LANE
STA 276+00 & 287+00 LT & RT



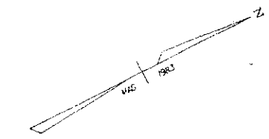
DATUM
VERTICAL _____
HORIZONTAL _____

ALTERNATIVE C

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d05i/1d05ibdr.dgn	
IPARM FILE	.../iparms/112.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	9 OF 15 SHEETS	

NOTES:

REDUCED CLEAR ZONE IN LEICESTER:
16 FEET FROM EDGE OF LANE
STA 276+00 Δ 287+00 LT & RT



MATCH LINE
STA 281+00

MODIFY DITCH OR UTILIZE
UNDERDRAIN TO SAVE MAPLES

LEICESTER GENERAL STORE:
STA 285+30 Δ 286+70 LT
CONTROL ACCESS AT ENTRANCE.
PROVIDE TWO ENTRANCES WITH
CURBING/PLANTINGS BETWEEN

EXPECT SUBSURFACE GASOLINE CONTAMINATION
CONTACT THE AOT MAINTENANCE DIVISION
HAZARDOUS MATERIALS COORDINATOR.

BM 7-3
SIR 36"E.
U.S. ELEV. 451.56

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

T 84.90'

FILL TYPES 'C'

N 26°-50'-40" E

281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297

PC 294+73.07

MATCH LINE
STA 297+00

MATCH LINE
STA 281+00

MATCH LINE
STA 297+00

SCALE 1" = 100'-0
50 0 50

ALTERNATIVE C

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
FARM FILE	.../iparms/113.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(29)	
SHEET	10 OF 15 SHEETS	

DATUM
VERTICAL
HORIZONTAL

MATCH LINE
STA 291+00

BM 7-4
315.19 M.
U.S. ELEV. 467.00

PI 297+60.22
297+60.11

APPROXIMATE WETLANDS

REPLACE REMOVED TREES

N 08°42'55" E

297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313

PT 300+47.24

CURVE #4 DATA:
Δ = 2°52'15" RT
D = 5°30'00"
R = 1041.76'
T = 287.14'
L = 574.77'
E = 3.60'
BANK = NC

MATCH LINE
STA 297+00

APPROXIMATE WETLANDS

APPROXIMATE WETLANDS

POT 310+05.90

APPROXIMATE WETLANDS

BM C-6
CH. IN BOULDER
U.S. ELEV. 455.637

MATCH LINE
STA 313+00

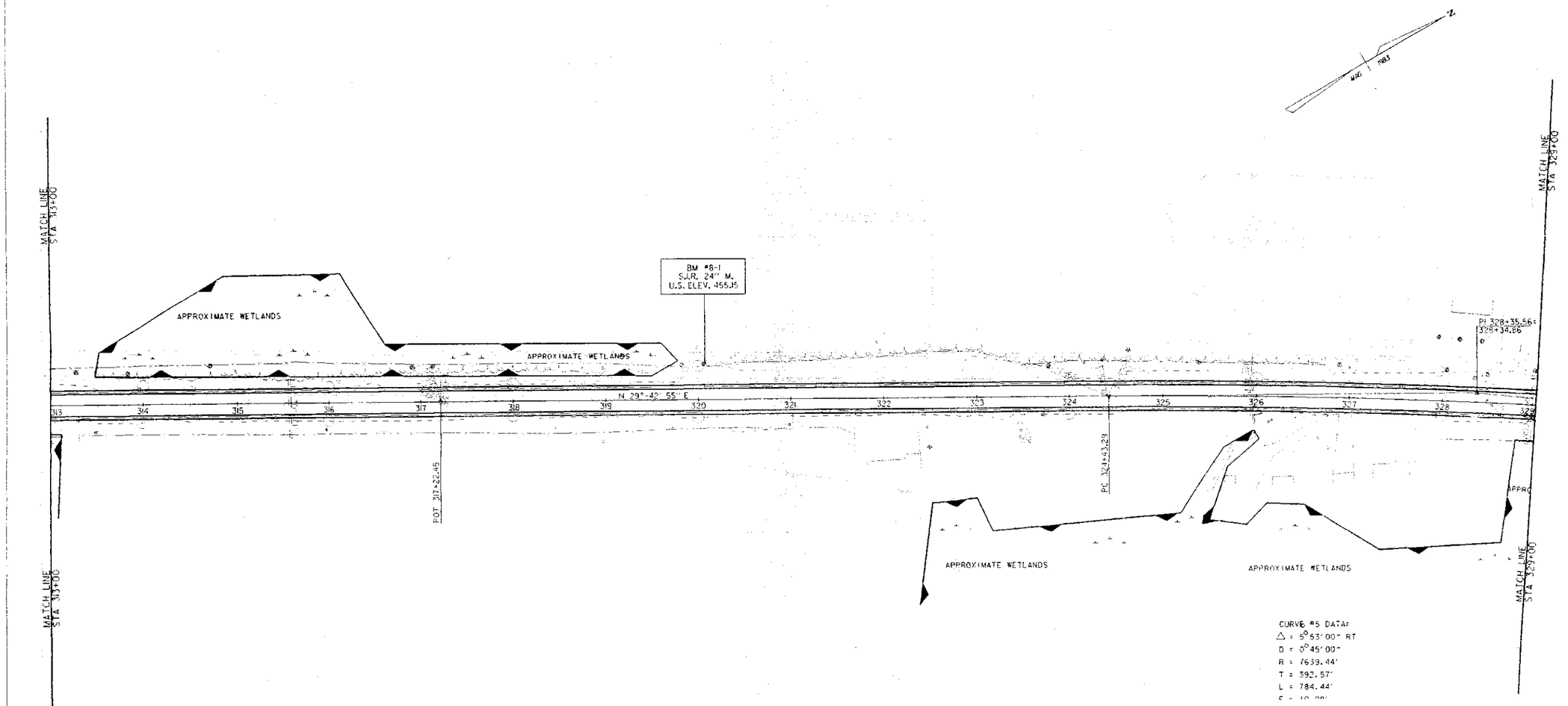
MATCH LINE
STA 313+00

SCALE 1"=100'-0
50 0 50

DATUM
VERTICAL
HORIZONTAL

ALTERNATIVE C

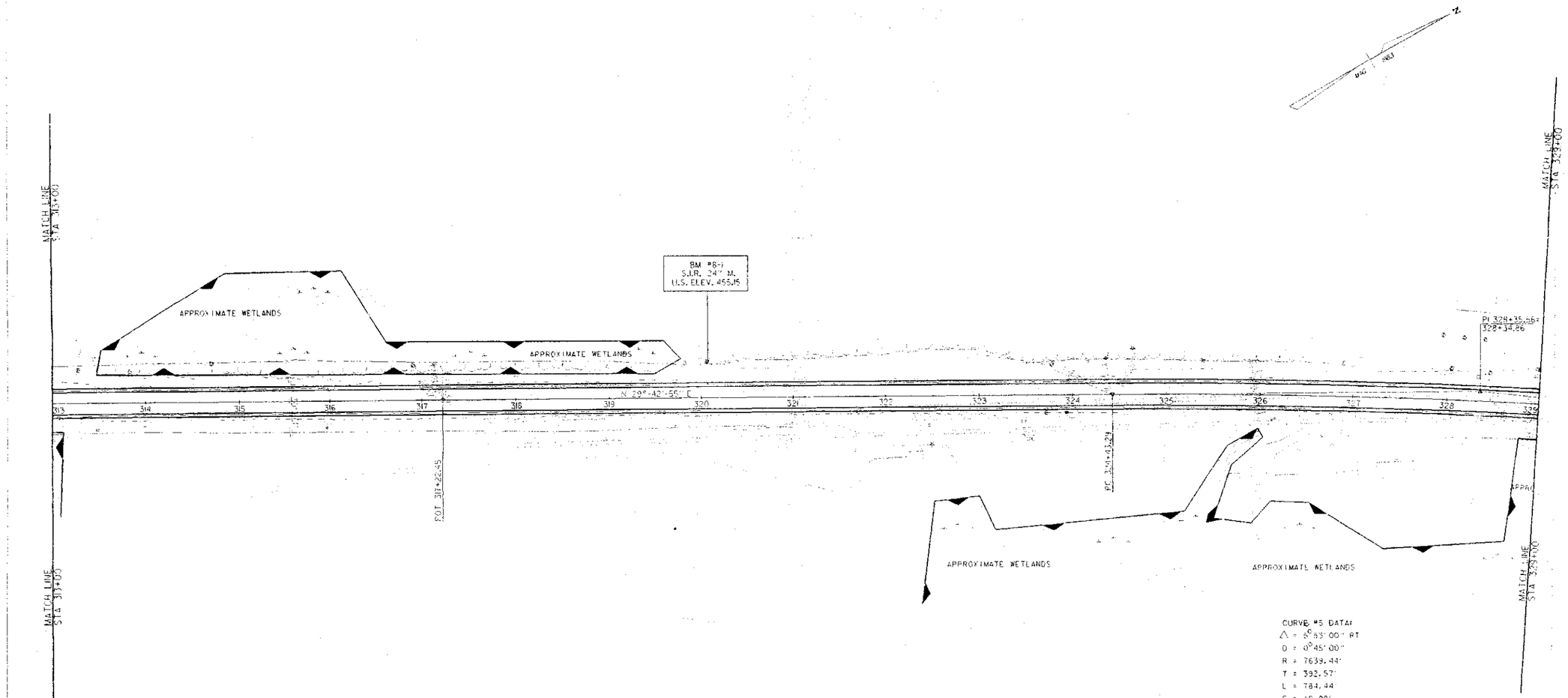
SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bdr.dgn	
FARM FILE	..../farms/114.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3(129)	
SHEET	11 OF 15	SHEETS



DATUM
VERTICAL _____
HORIZONTAL _____

ALTERNATIVE C

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d05i/1d05ibdr.dgn	
#FARM FILE	.../iparms/115.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F 019-3 (29)	
SHEET	12 OF 15 SHEETS	

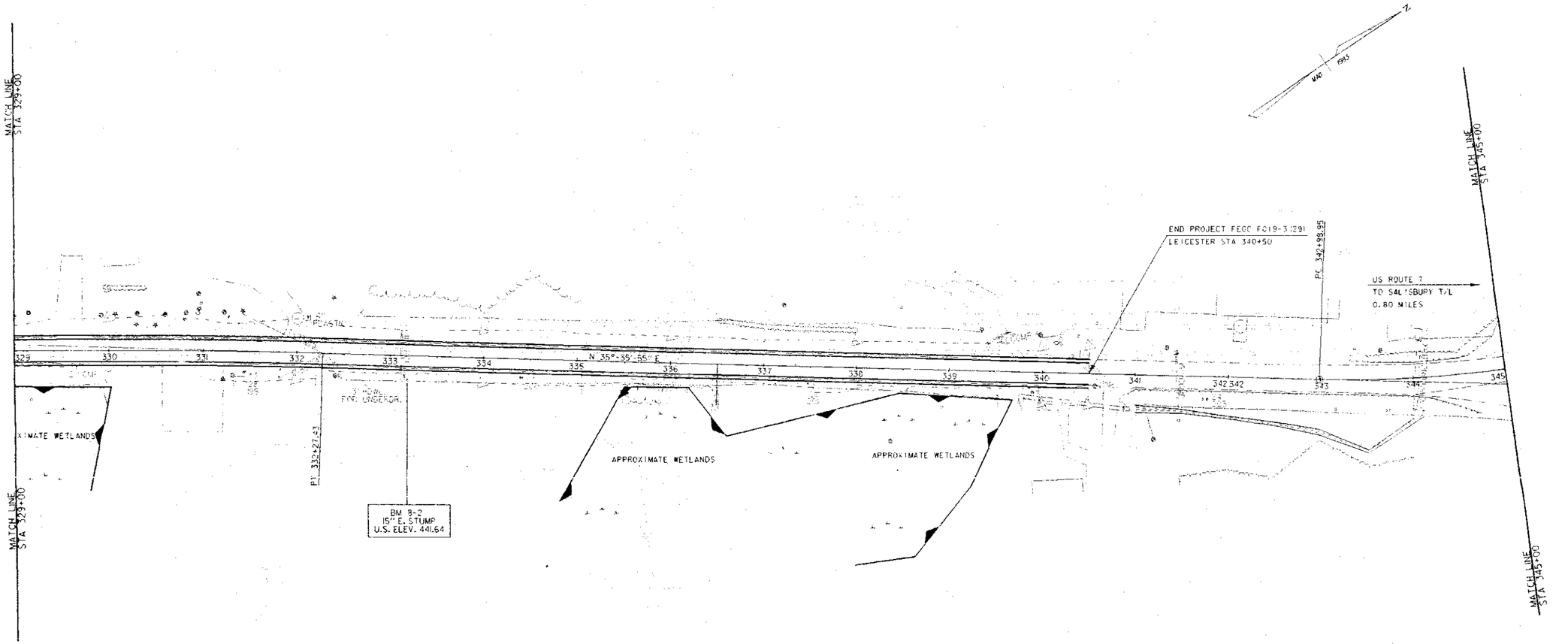


ALTERNATIVE C

SURVEYED BY		DATE
DRAWN BY	C. WOODS	DATE
SQUAD LEADER	J.A. GARSO	
DESIGN FILE NO.	/78d051/1d051bor.dgn	
ISARM FILE	.../iparms/115.	DATE PLOTTED 7/95
PROJ. NAME	BRANDON-LEICESTER	
PROJ. NO.	FEGC F-019-3(29)	
SHEET	12 OF 15 SHEETS	

NOTE:

REVISED DITCH OF 1:2 AFTER CLEAR ZONE:
STA 331+00 LEFT
STA 334+00 & 336+00 LEFT
STA 338+00 & 339+00 LEFT



SCALE 1" = 100'-0

50 0 50

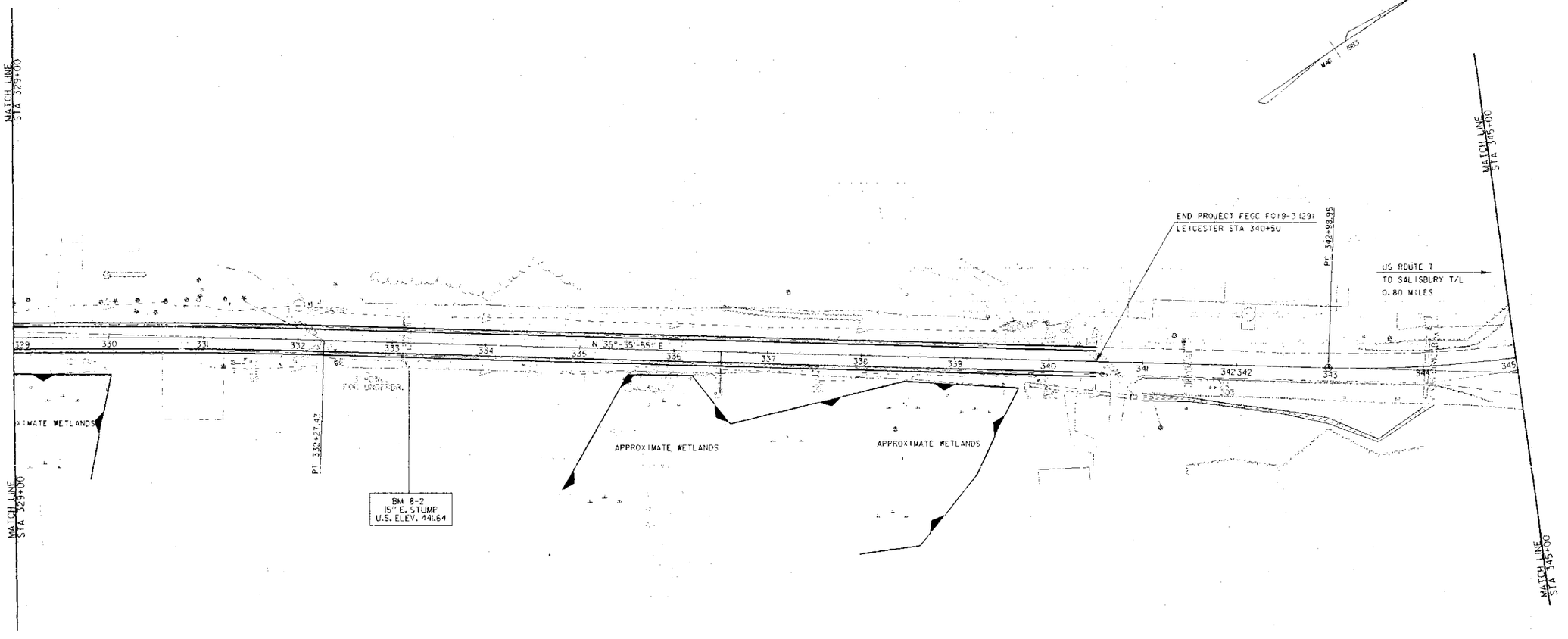
DATUM
VERTICAL
HORIZONTAL

ALTERNATIVE C

SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /78d051/1d051bdr.dgn
FARM FILE .../parms/116.1 DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(291)
SHEET 13 OF 15 SHEETS

NOTE:

REVISED DITCH OF 1:2 AFTER CLEAR ZONE:
STA 331+00 LEFT
STA 334+00 & 336+00 LEFT
STA 338+00 & 339+00 LEFT



SCALE 1" = 100'-0
50 0 50

DATUM
VERTICAL
HORIZONTAL

ALTERNATIVE C

SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /78d051/1d051bdr.dgn
FEARM FILE .../iparms/116.1 DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 13 OF 15 SHEETS

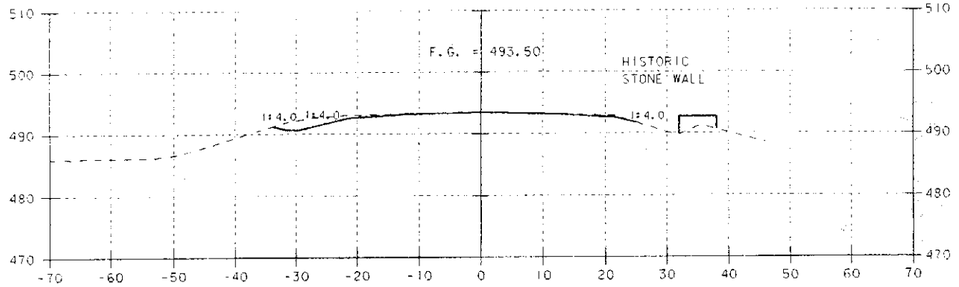


DATUM
VERTICAL
HORIZONTAL

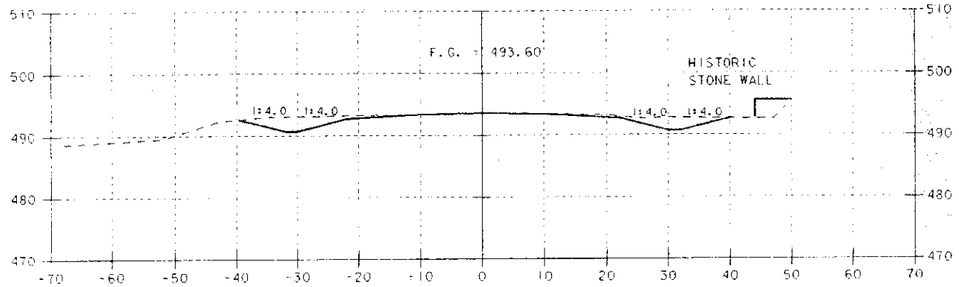
SCALE 1" = 100'-0
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ALTERNATIVE C

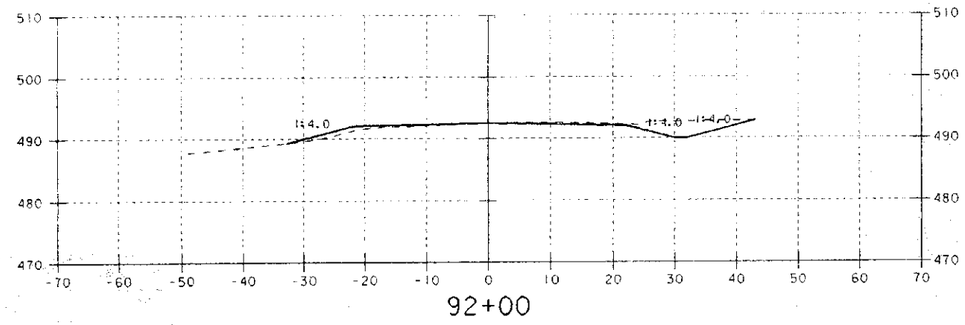
SURVEYED BY _____ DATE _____
DRAWN BY C. WOODS DATE _____
SQUAD LEADER J.A. GARSO
DESIGN FILE NO. /7Bd051/1d05 bdr. dgn
FARM FILE .../1parms/117 DATE PLOTTED 7/95
PROJ. NAME BRANDON-LEICESTER
PROJ. NO. FEGC F 019-3(29)
SHEET 15 OF 15 SHEETS



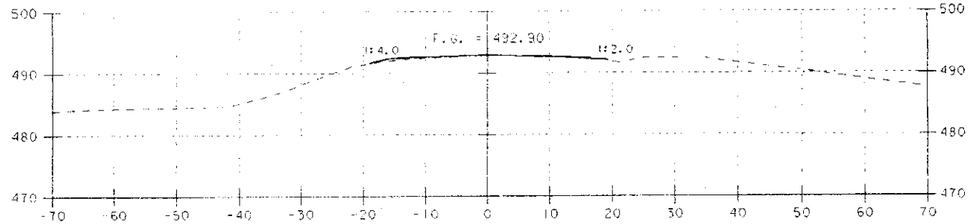
94+00



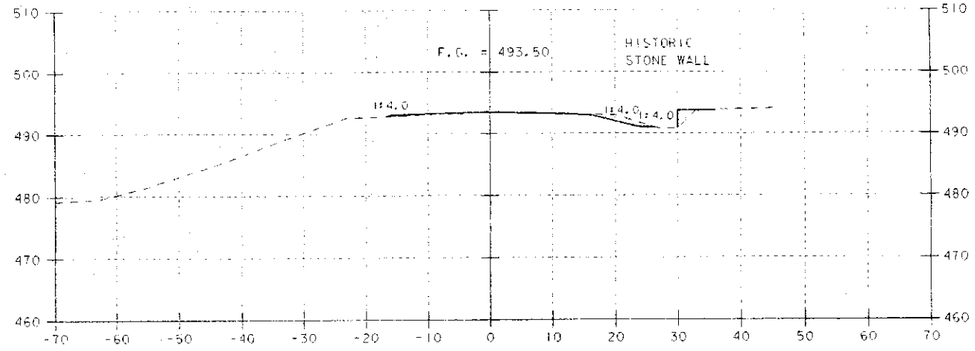
93+50



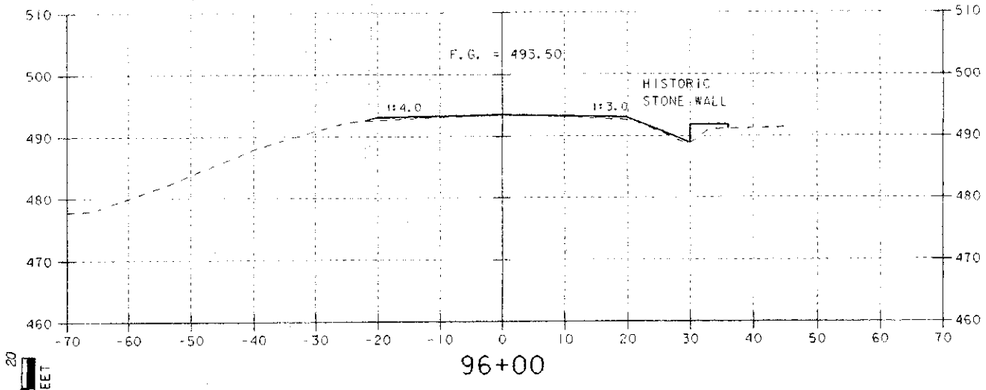
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100+00



98+00



96+00

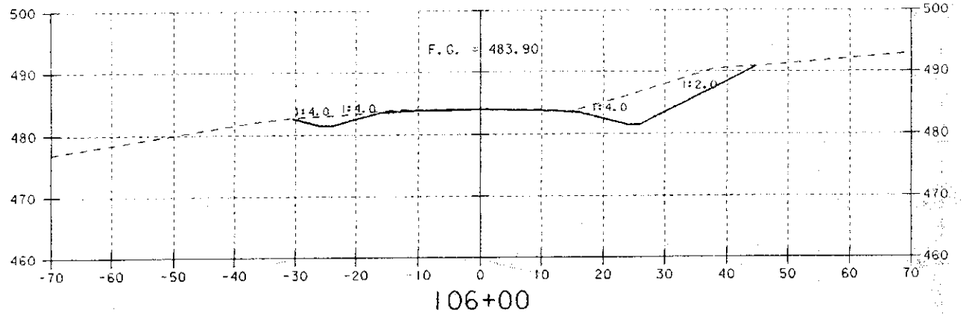
DATUM
VERTICAL
HORIZONTAL

0 10 20
SCALE IN FEET

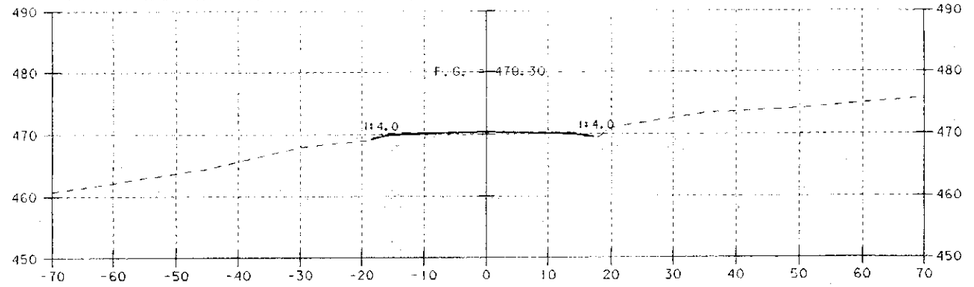
0 10 20
SCALE IN FEET

ALTERNATIVE C

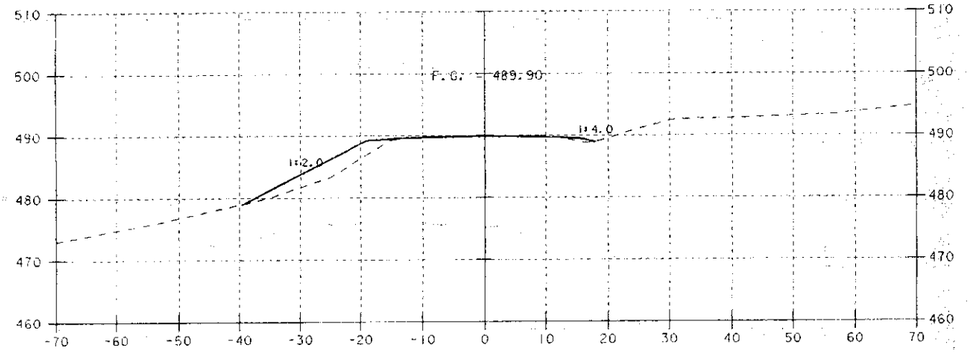
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DESIGN FILE NAME: /LOC/T8D05I/LD05ISNX.DGN	
IPARM FILE NAME: /LOC/T8D05I/LD05IX07.I	PLOT DATE: 21-NOV-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



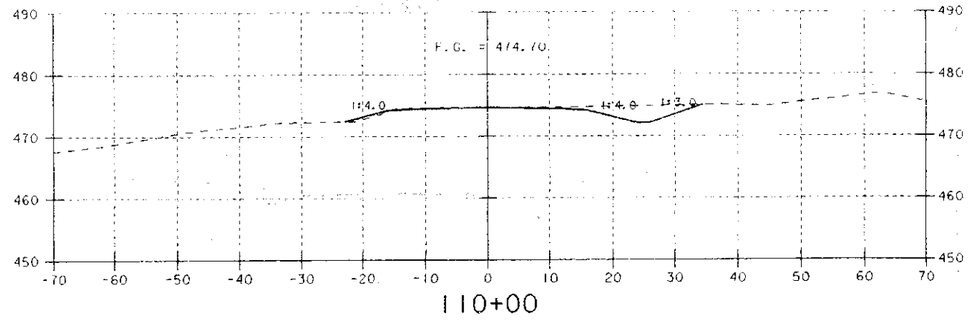
106+00



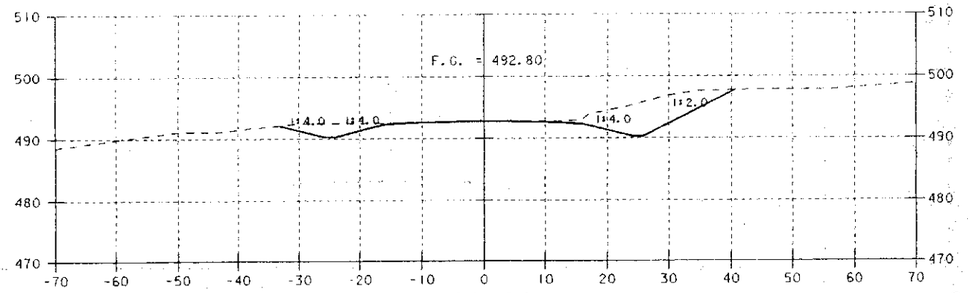
112+00



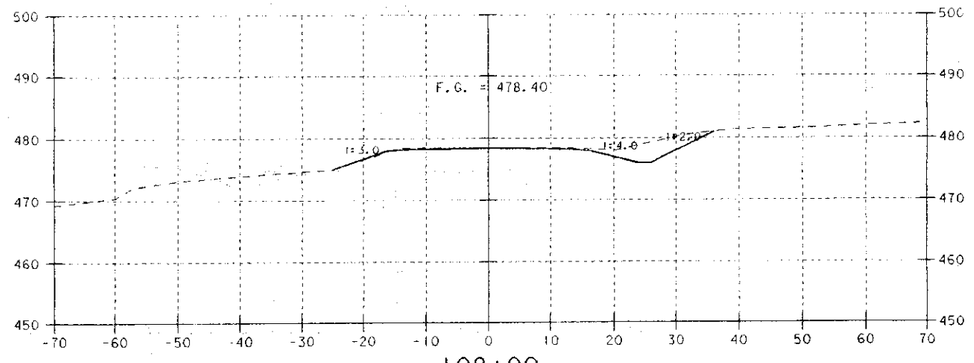
104+00



110+00



102+00



108+00

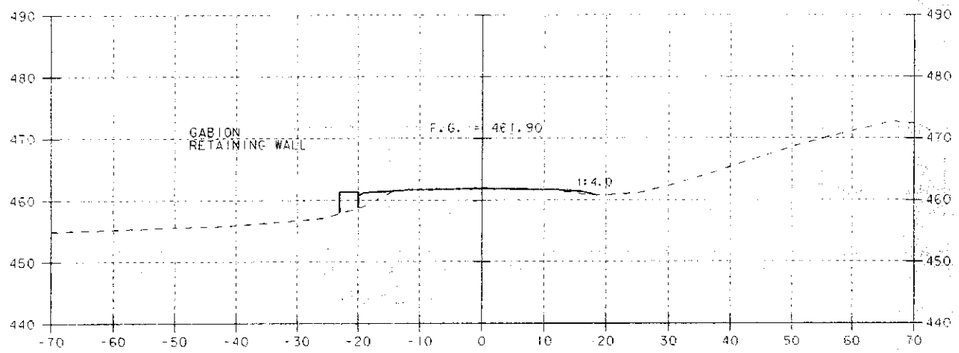
DATUM
VERTICAL
HORIZONTAL

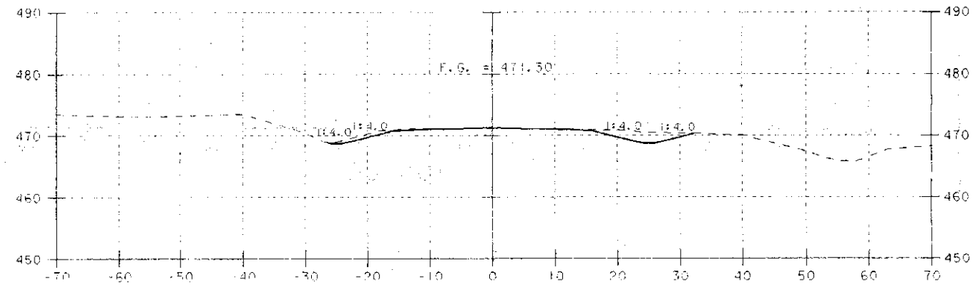
0 10 20
SCALE IN FEET

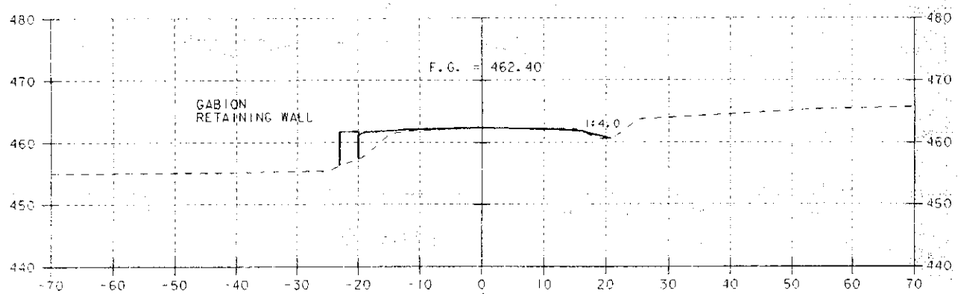
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SCALE IN FEET

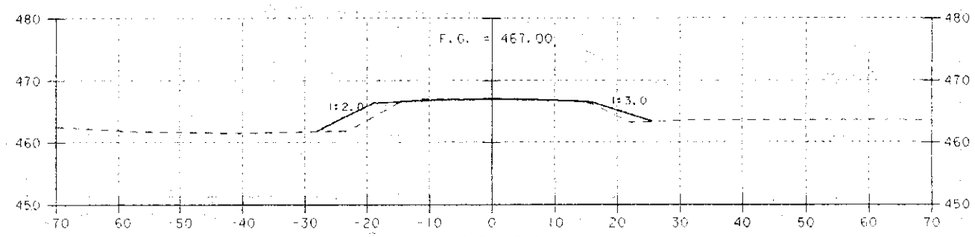
ALTERNATIVE C

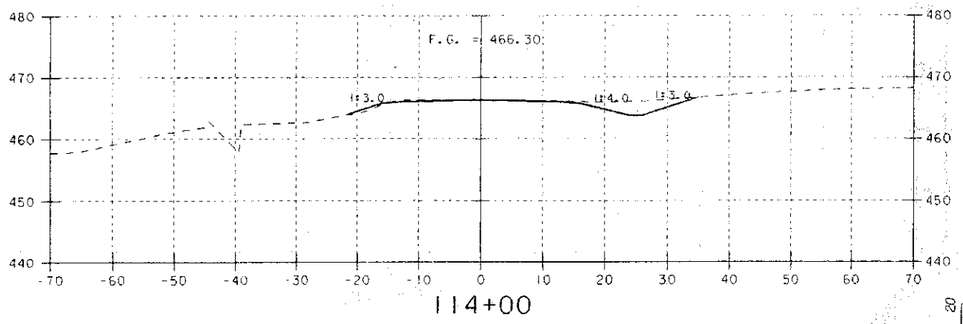
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D051/LD051SNX.DGN	
IPARM FILE NAME: /LOC/78D051/LD051X08.I	PLOT DATE: 24-JUL-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. CARSO	DRAWN BY: RBN
	SHEET OF

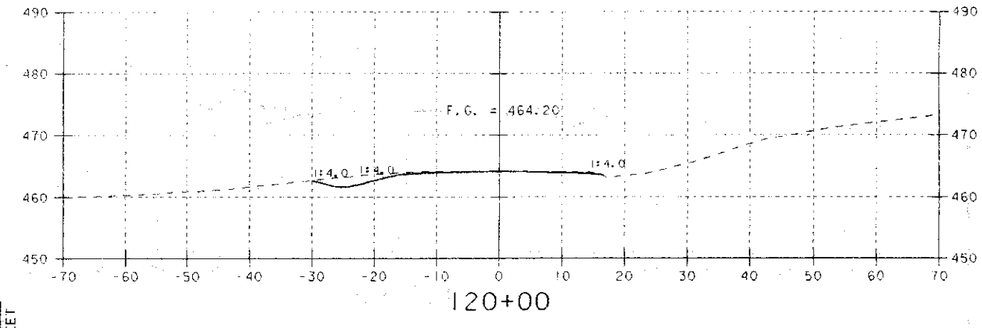




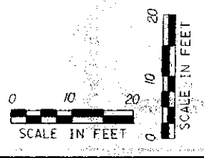






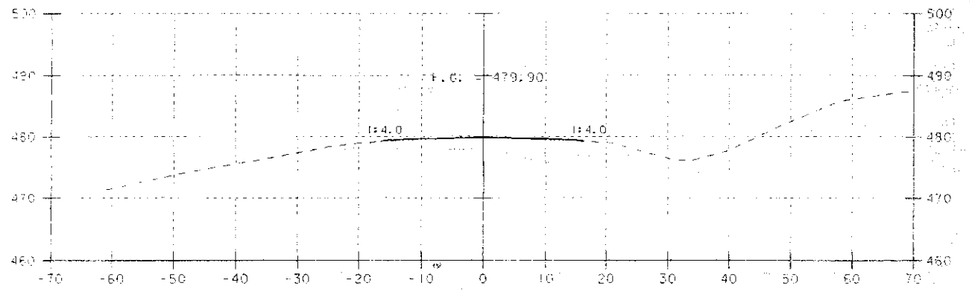


DATUM
VERTICAL _____
HORIZONTAL _____

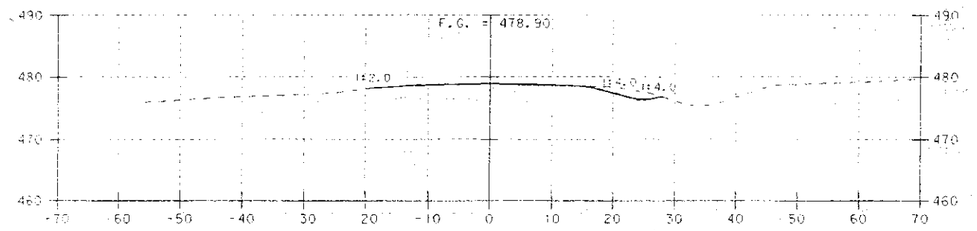


ALTERNATIVE C

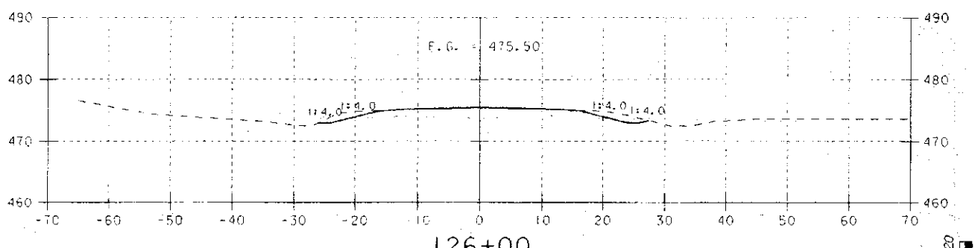
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05ISNX.DGN	
IPARM FILE NAME: /LOC/78D05I/LD05IX09.I	PLOT DATE: 31-OCT-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



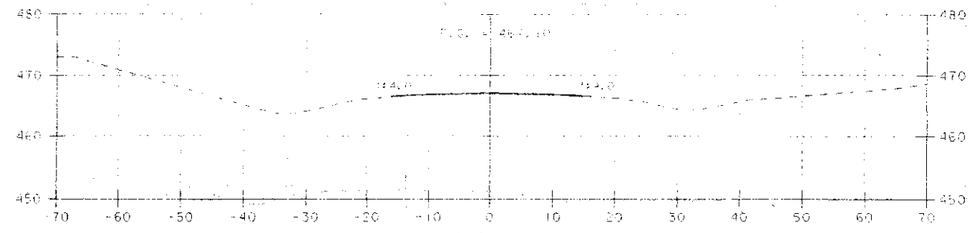
130+00



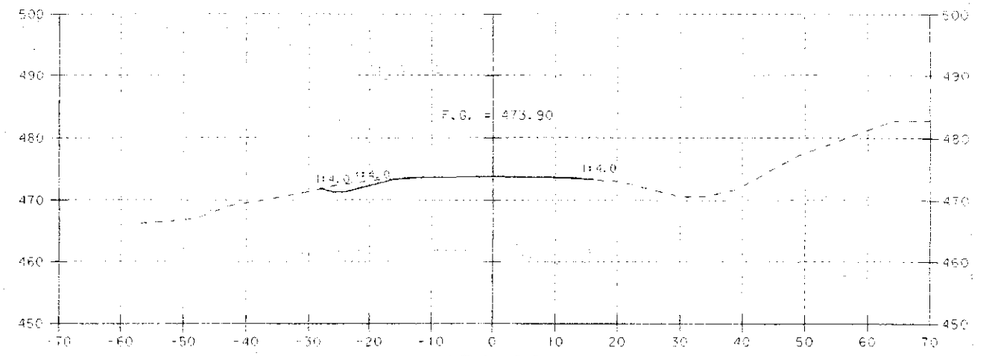
128+00



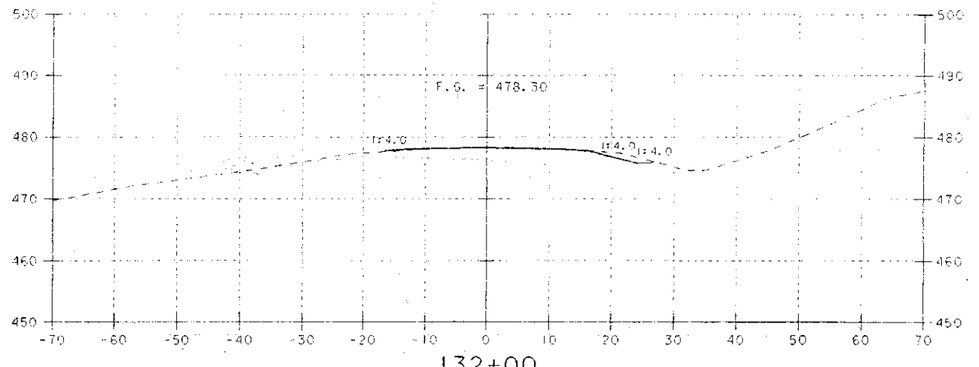
126+00



136+00



134+00



132+00

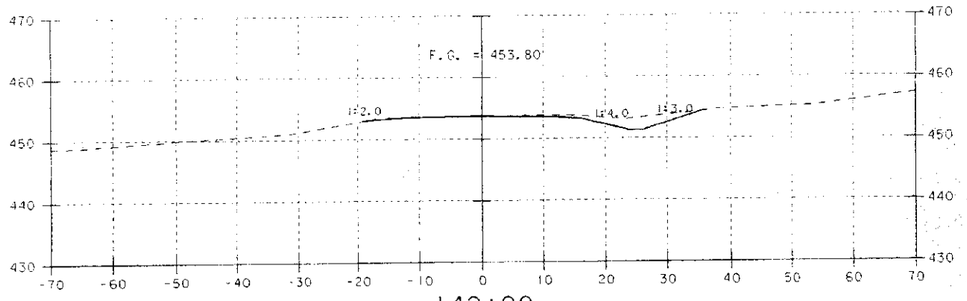
DATUM
VERTICAL _____
HORIZONTAL _____

SCALE IN FEET
0 10 20

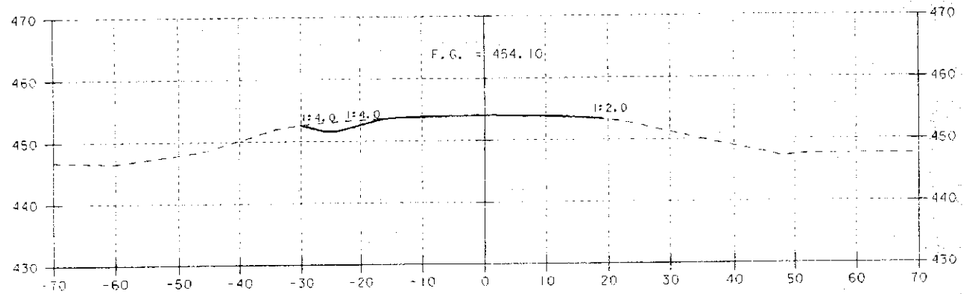
SCALE IN FEET
0 10 20

ALTERNATIVE C

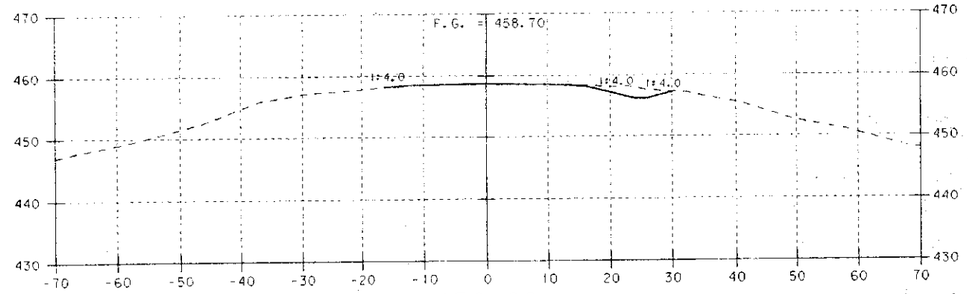
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78005I/LD05ISNX.DGN	
IPAFM FILE NAME: /LOC/78005I/LD05IX10.I	PLOT DATE: 31-OCT-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



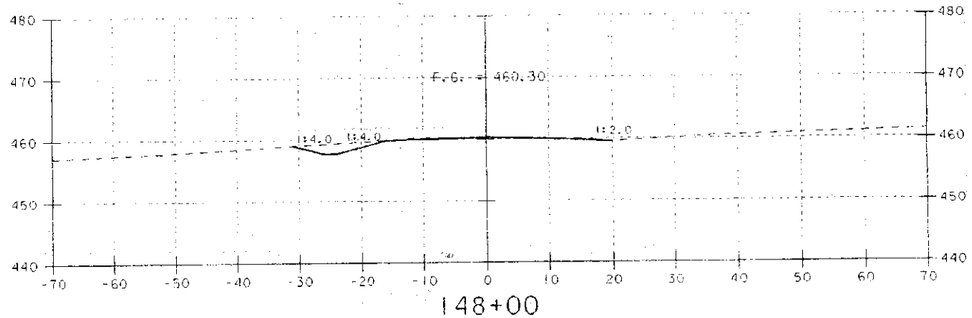
142+00



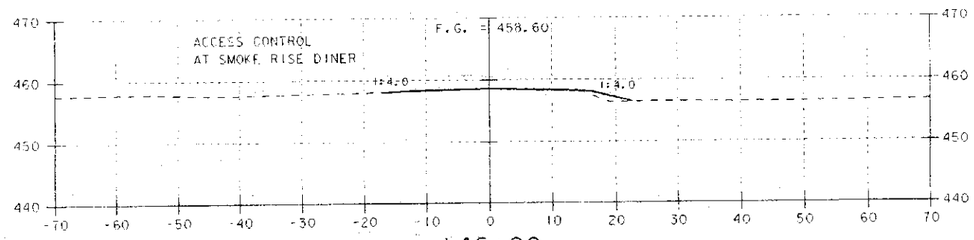
140+00



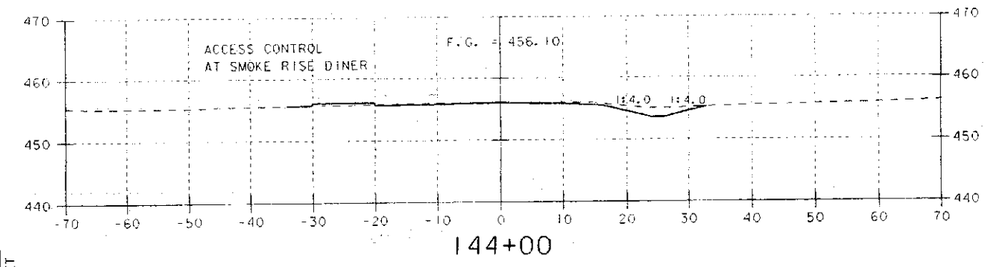
138+00



148+00



146+00



144+00

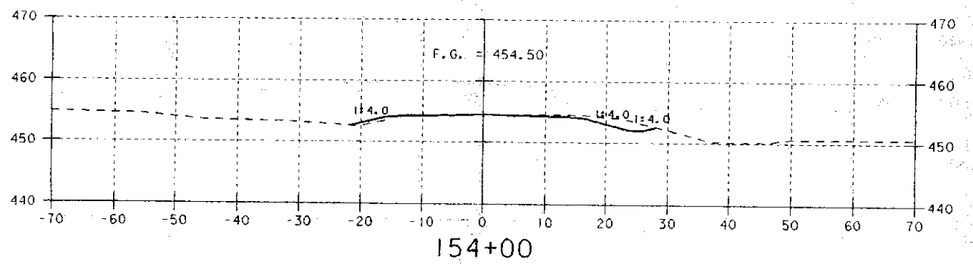
DATUM
VERTICAL
HORIZONTAL

0 10 20
SCALE IN FEET

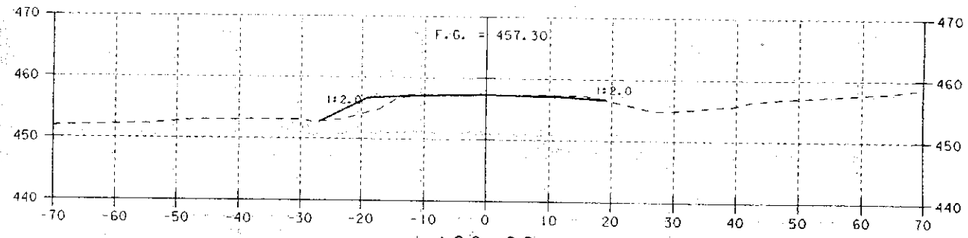
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SCALE IN FEET

ALTERNATIVE C

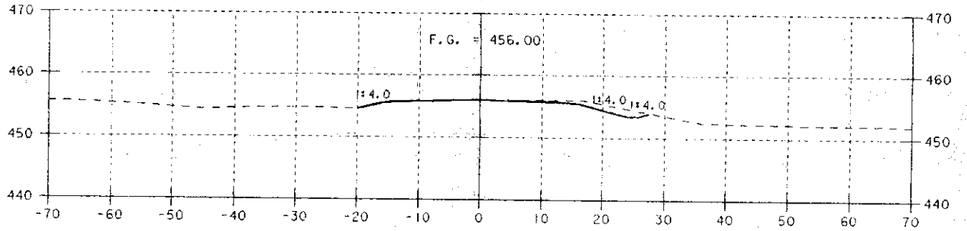
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05ISNX.DGN	
IPARM FILE NAME: /LOC/78D05I/LD05IXII.I	PLOT DATE: 31-OCT-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



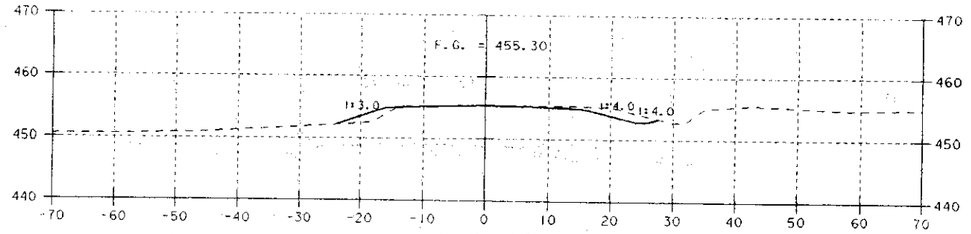
154+00



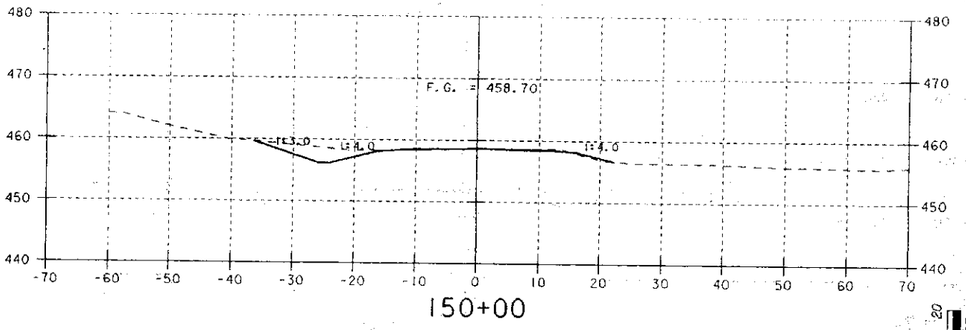
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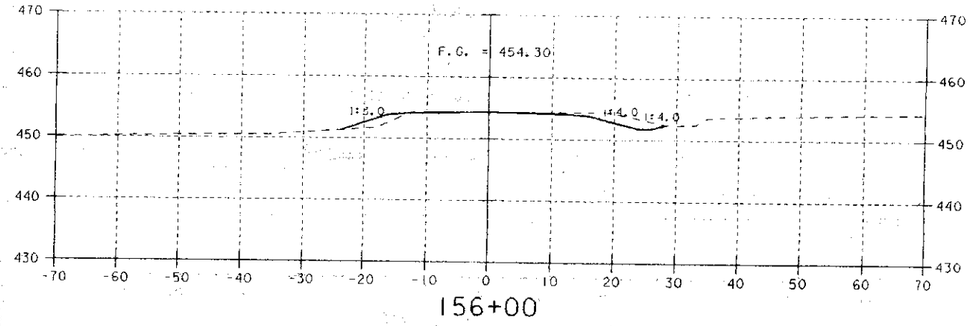
152+00



158+00



150+00

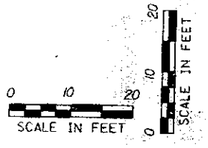


156+00

DATUM

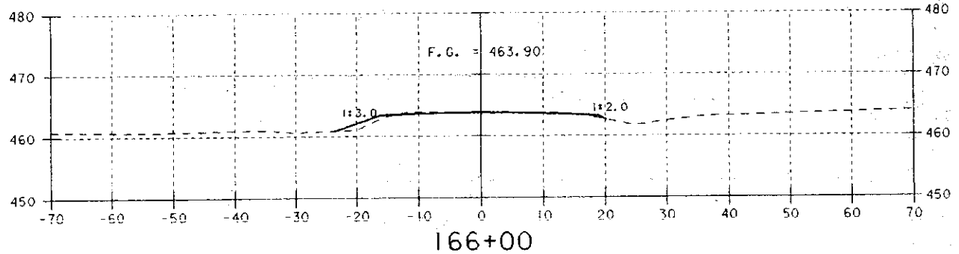
VERTICAL _____

HORIZONTAL _____

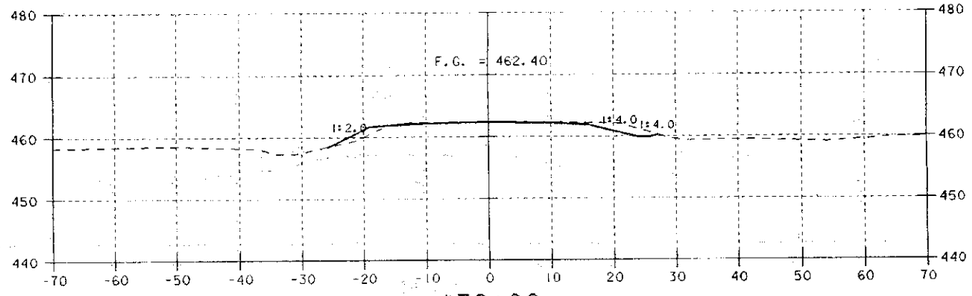


ALTERNATIVE C

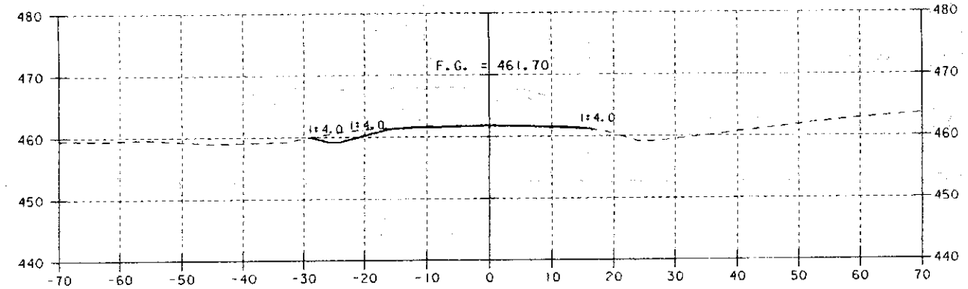
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D05I/L005ISNX.DGN	
IPARM FILE NAME: /LOC/78D05I/L005IX12.I	PLOT DATE: 24-JUL-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



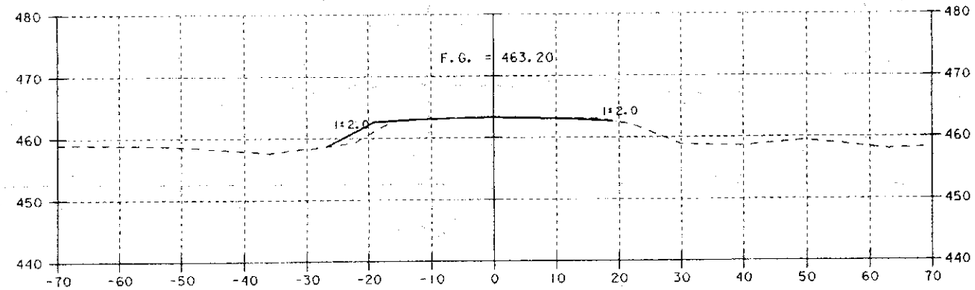
166+00



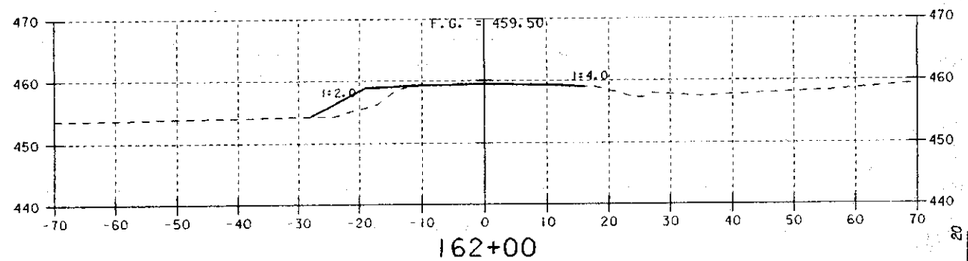
172+00



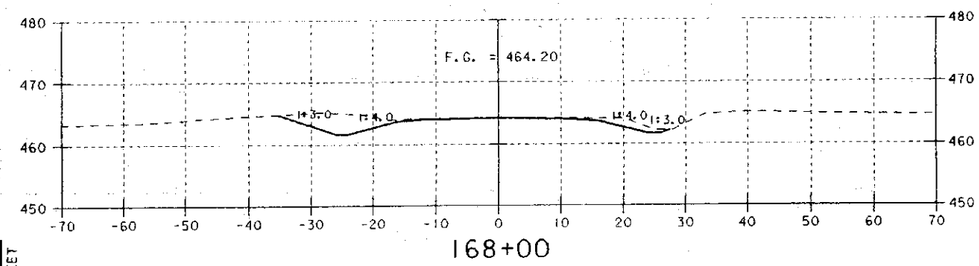
164+00



170+00

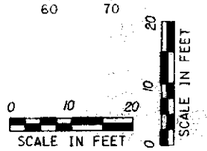


162+00



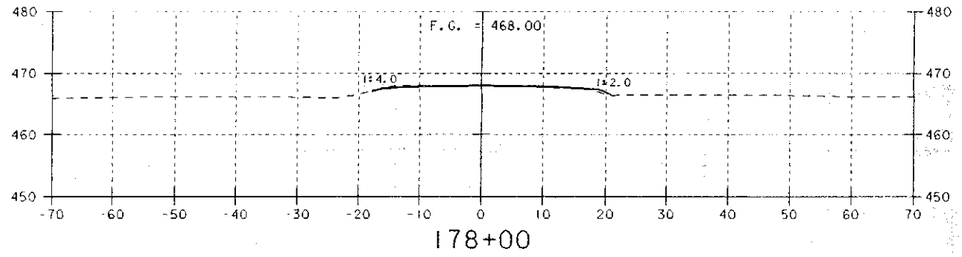
168+00

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VERTICAL
HORIZONTAL

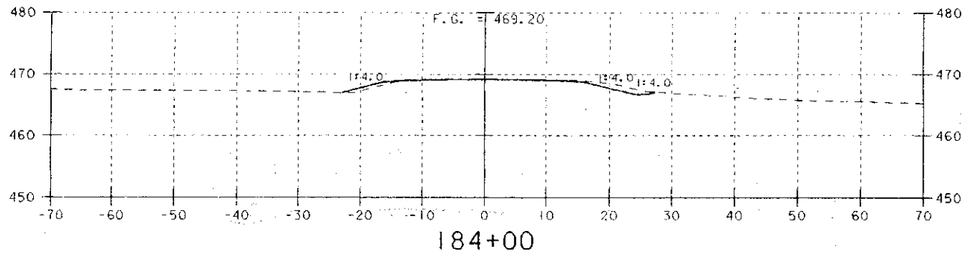


ALTERNATIVE C

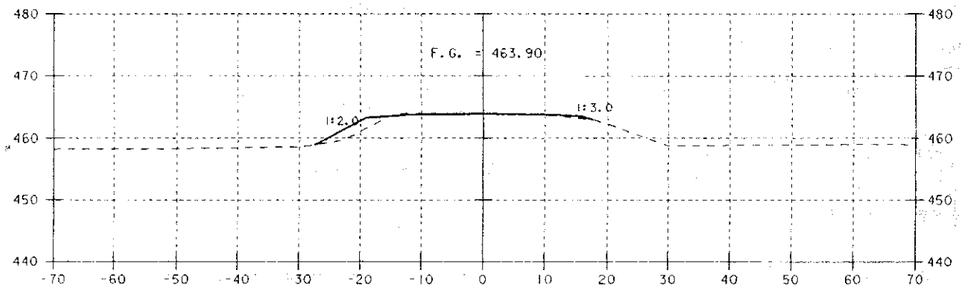
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D051/LD051SNX.DGN	
IPARM FILE NAME: /LOC/78D051/LD051X13.I	PLOT DATE: 24-JUL-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. CARSO	DRAWN BY: RBN
	SHEET: OF



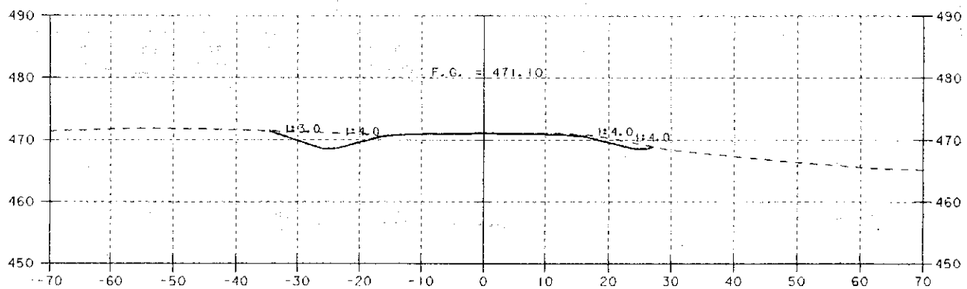
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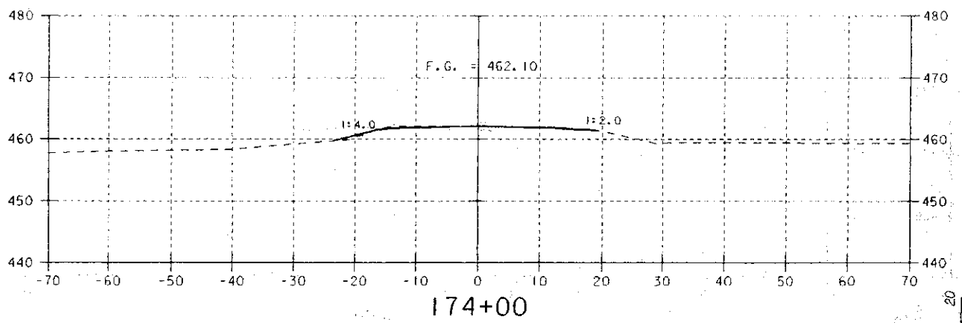
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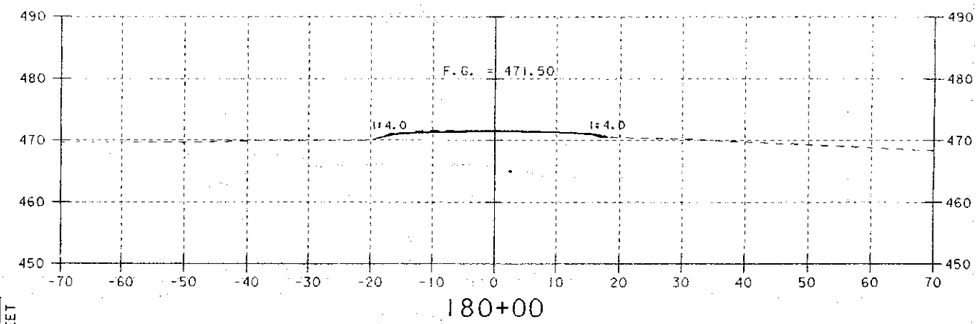
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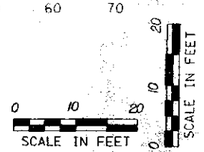
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174+00



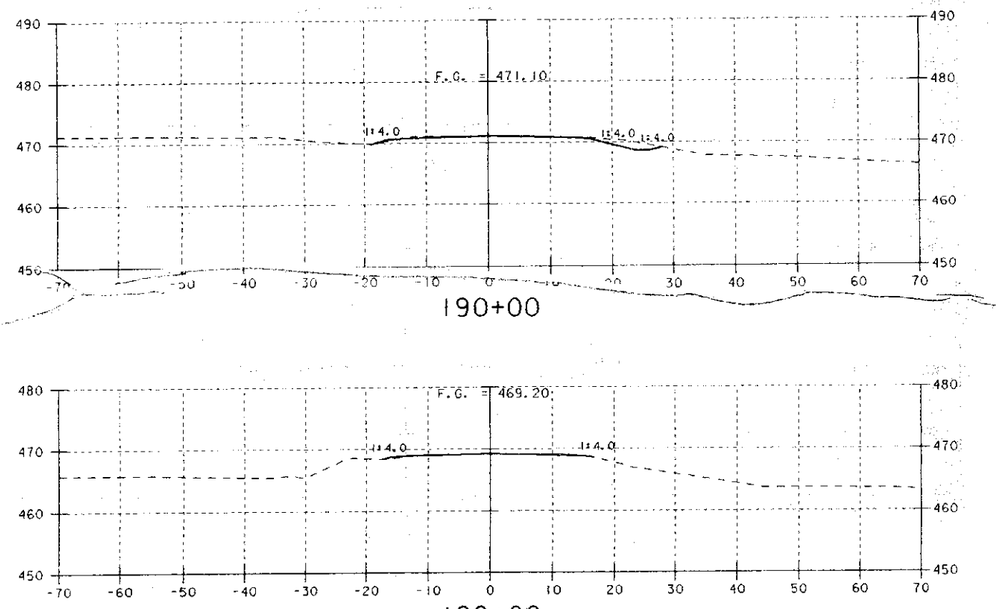
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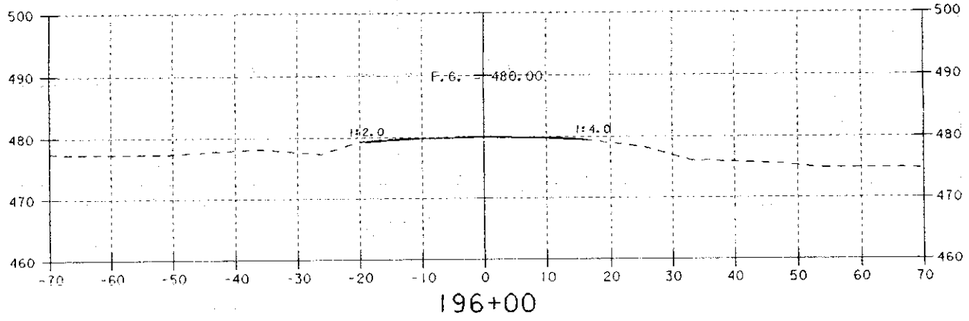


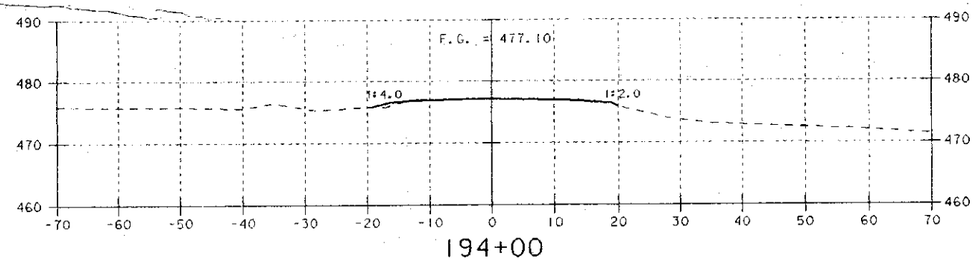
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HORIZONTAL: _____

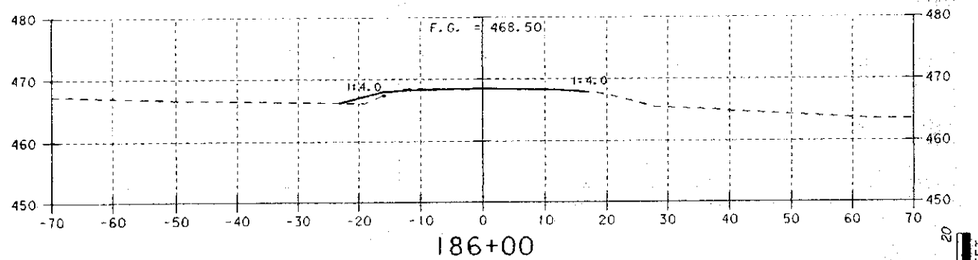
ALTERNATIVE C

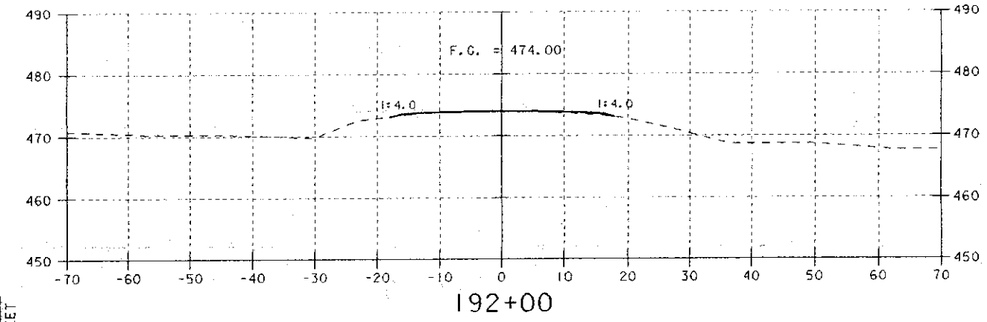
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05ISNX.DGN	
IPARM FILE NAME: /LOC/78D05I/LD05IX14.I	PLOT DATE: 24-JUL-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
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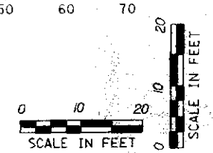








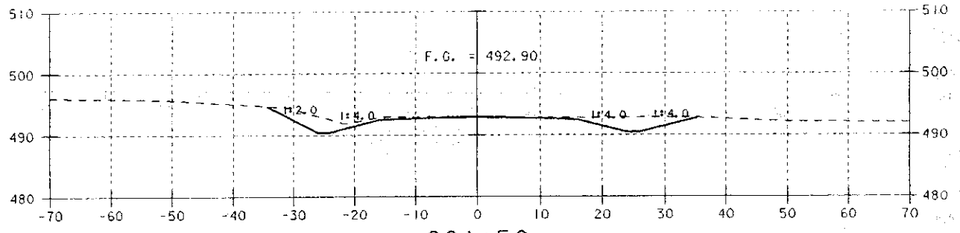




DATUM
VERTICAL _____
HORIZONTAL _____

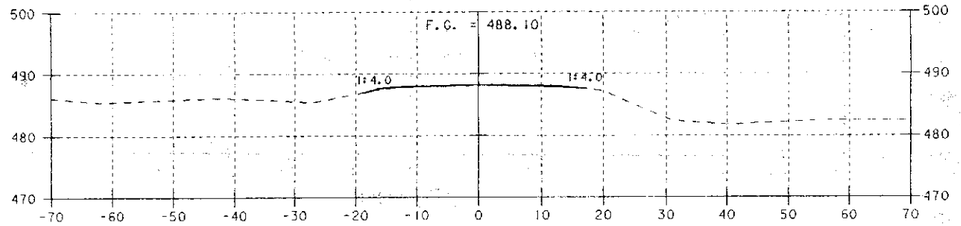
ALTERNATIVE C

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D051/LD051SNX.DGN	
IPARM FILE NAME: /LOC/78D051/LD051X15.I	PLOT DATE: 24-JUL-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
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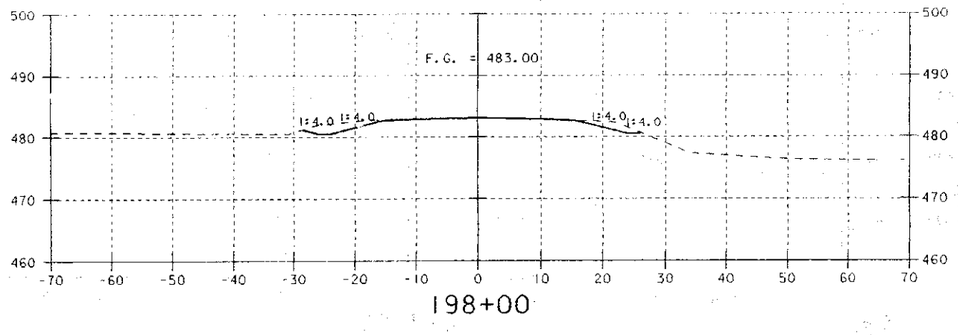


20i+50

STOP PROJECT FEGC F 019-3(29)



200+00



198+00

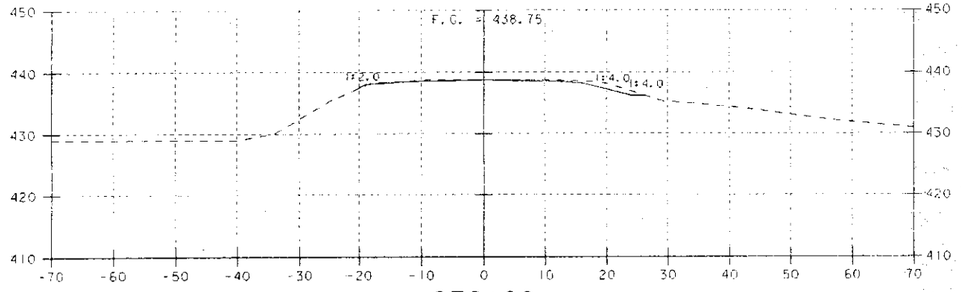
DATUM
VERTICAL
HORIZONTAL

0 10 20
SCALE IN FEET

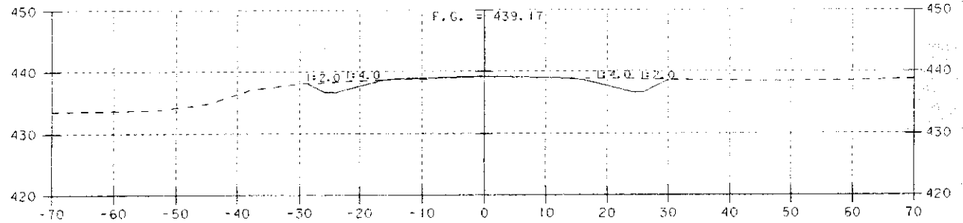
0 10 20
SCALE IN FEET

ALTERNATIVE C

PROJECT: BRANDON-LEICESTER	PROJECT NO.: /LOC/78D051/LD
DESIGN FILE NAME: /LOC/78D051/LD051SNX.DGN	
IPARM FILE NAME: /LOC/78D051/LD051X16.I	PLOT DATE: 24-JUL-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF

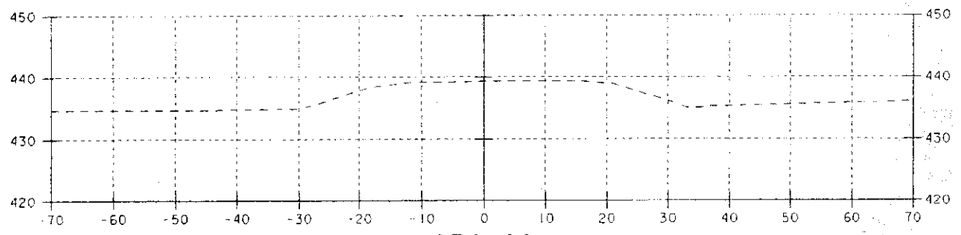


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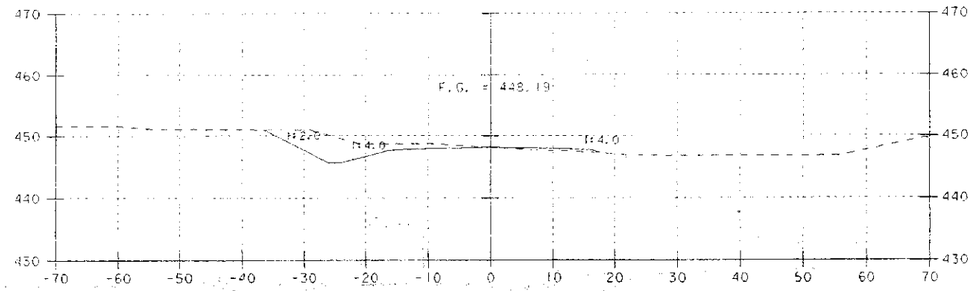


271+00

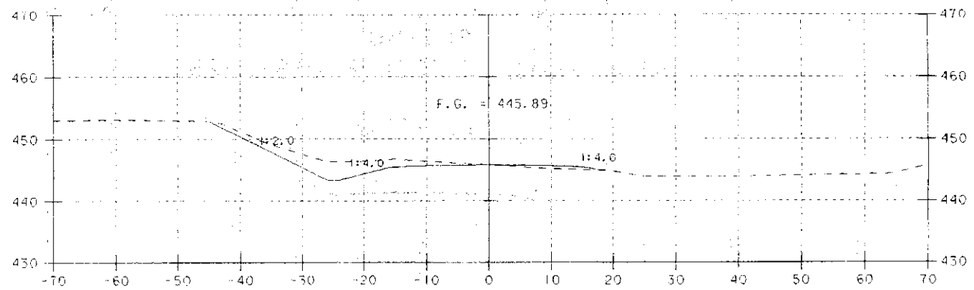
RESUME PROJECT FEGC F 019-3(29)



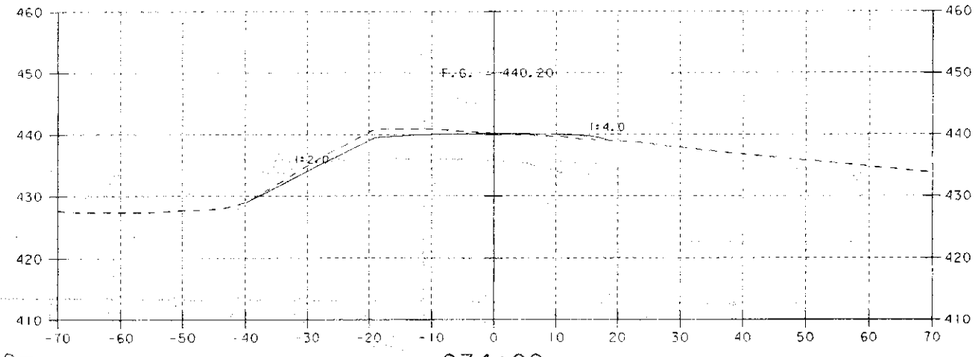
270+00



278+00



276+00



274+00

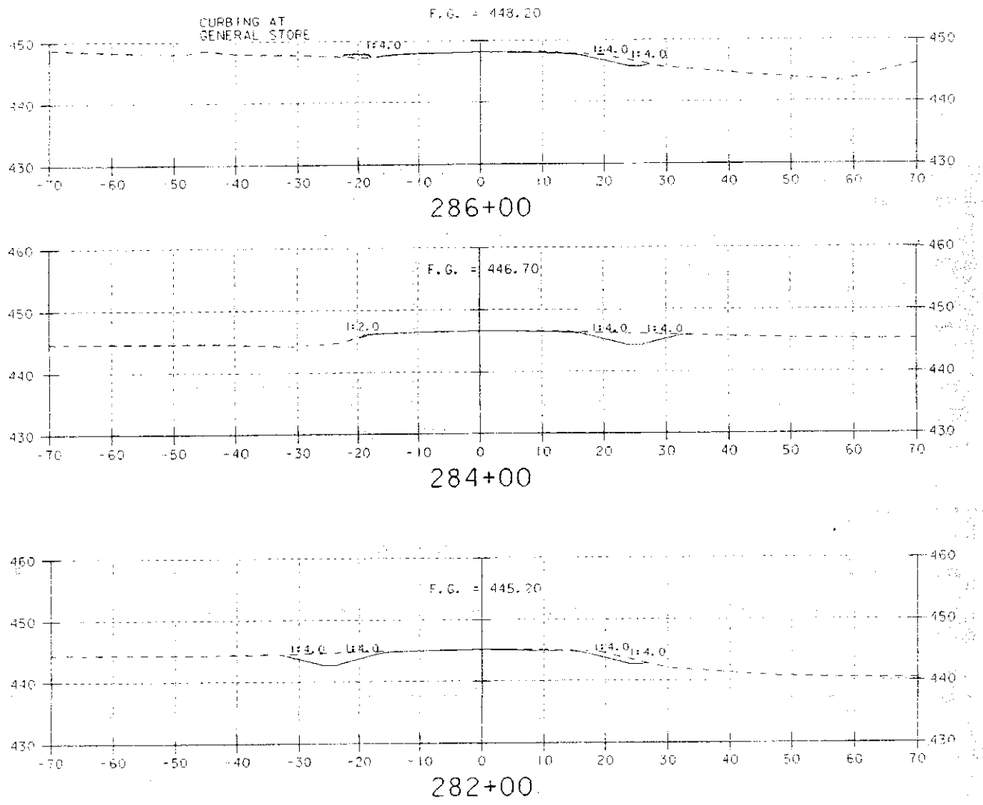
DATUM
VERTICAL
HORIZONTAL

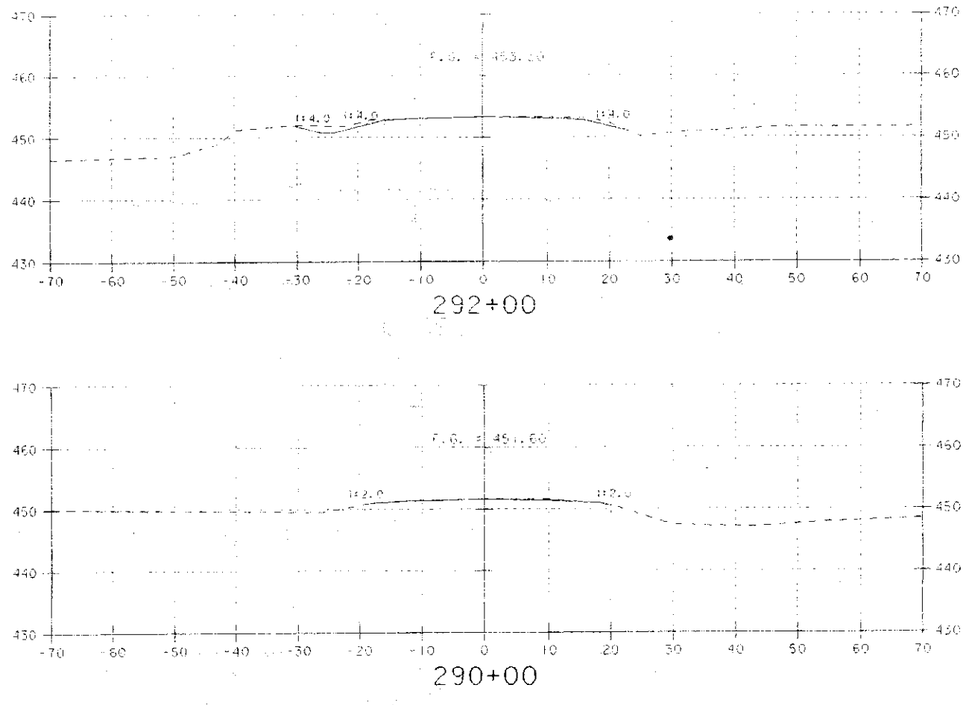
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SCALE IN FEET

0 10 20
SCALE IN FEET

ALTERNATIVE C

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05INNX.DGN	
iPARM FILE NAME: /LOC/78D05I/LD05IX06.I	PLOT DATE: 30-OCT-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



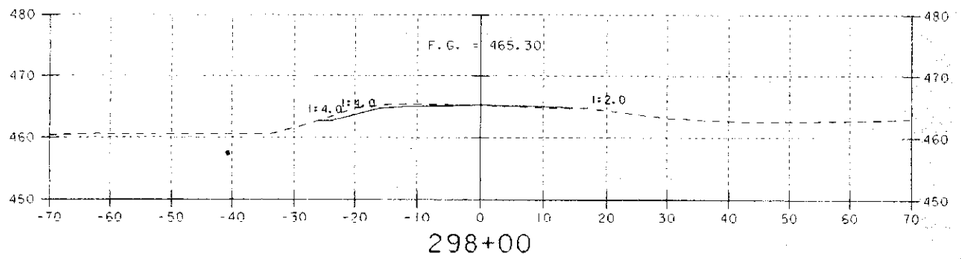


DATUM
VERTICAL
HORIZONTAL

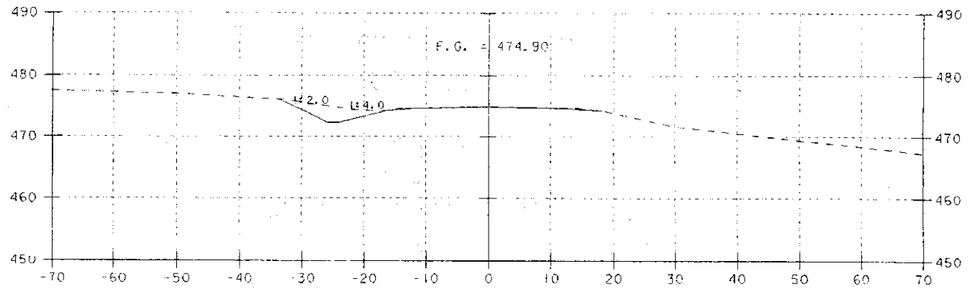
SCALE IN FEET

ALTERNATIVE C

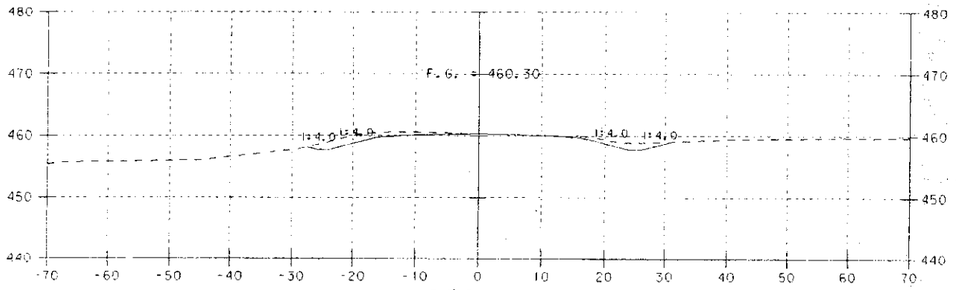
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05INNX.DGN	
IPARM FILE NAME: /LOC/78D05I/LD05IX05.I	PLOT DATE: 30-OCT-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



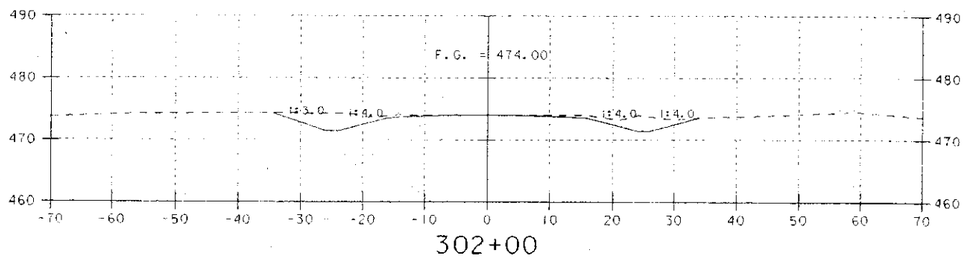
298+00



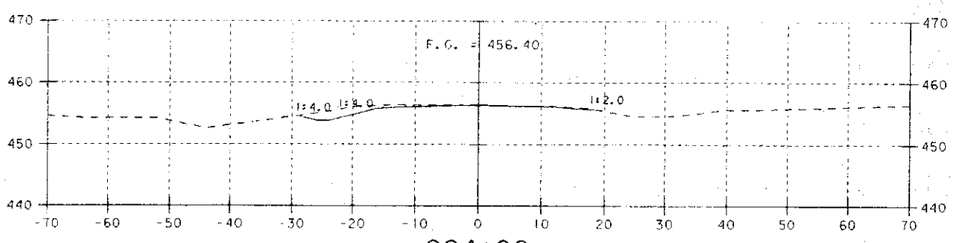
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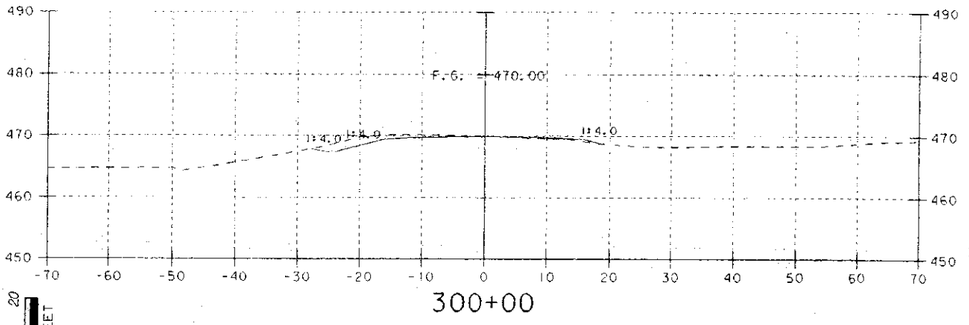
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302+00



294+00



300+00

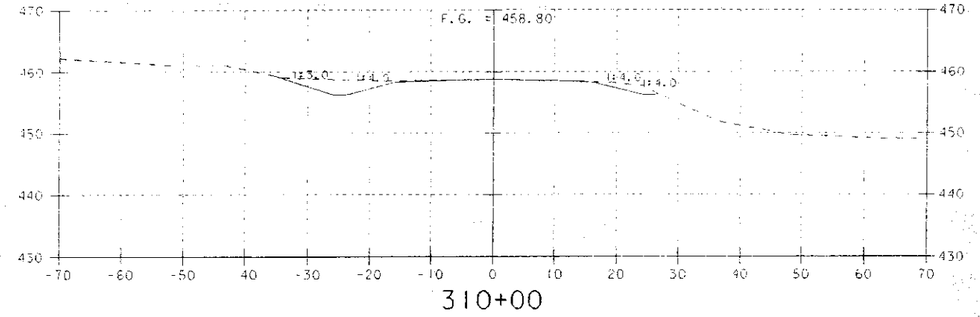
DATUM
VERTICAL _____
HORIZONTAL _____

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SCALE IN FEET

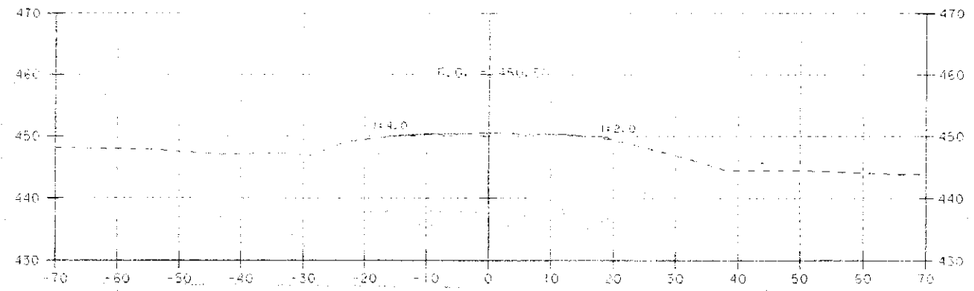
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SCALE IN FEET

ALTERNATIVE C

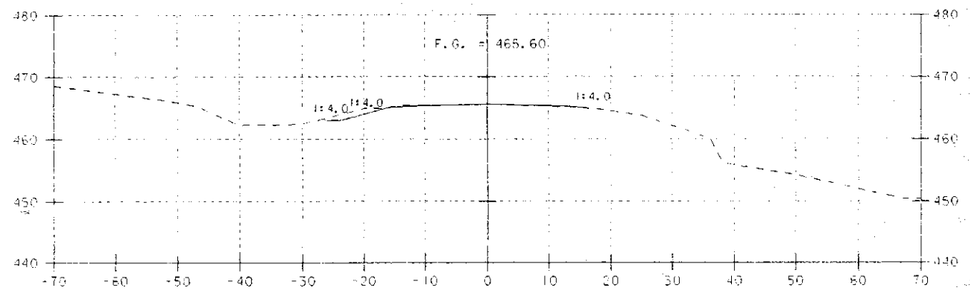
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05INNX.DGN	
IPARM FILE NAME: /LOC/78D05I/LD05IX04.I	PLOT DATE: 30-OCT-1986
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
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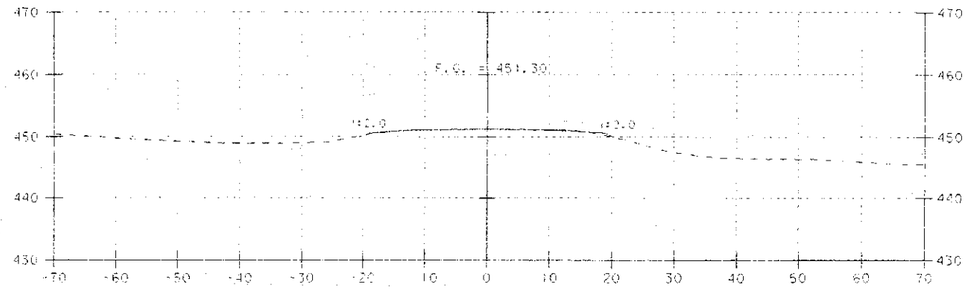
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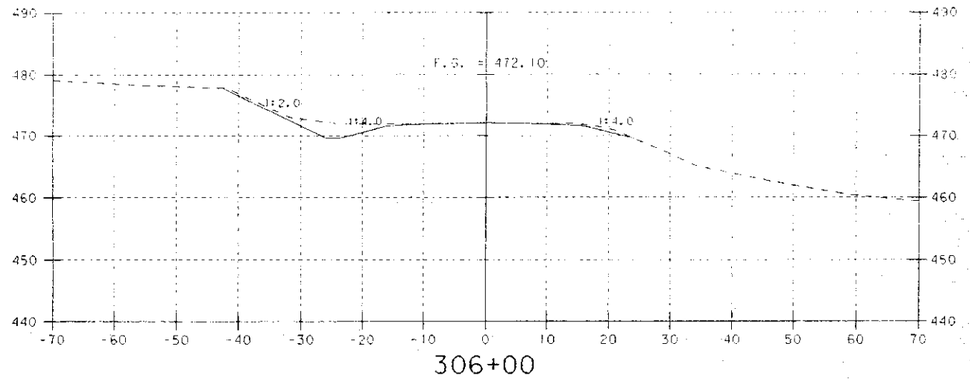
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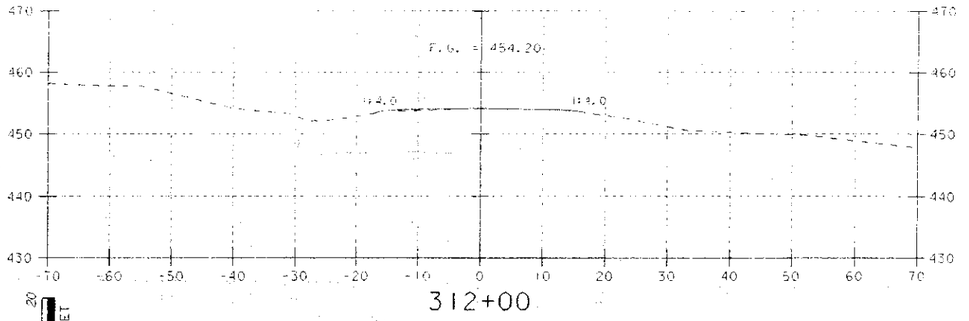
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314+00



306+00



312+00

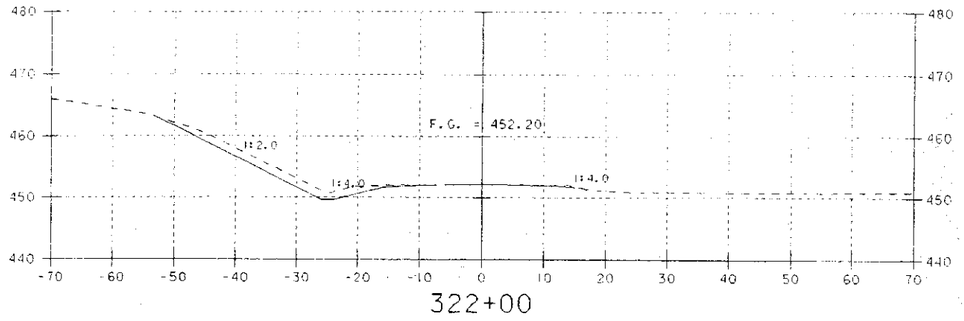
DATUM
VERTICAL _____
HORIZONTAL _____

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SCALE IN FEET

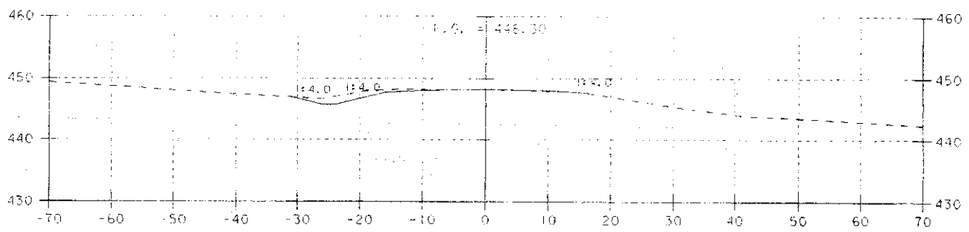
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SCALE IN FEET

ALTERNATIVE C

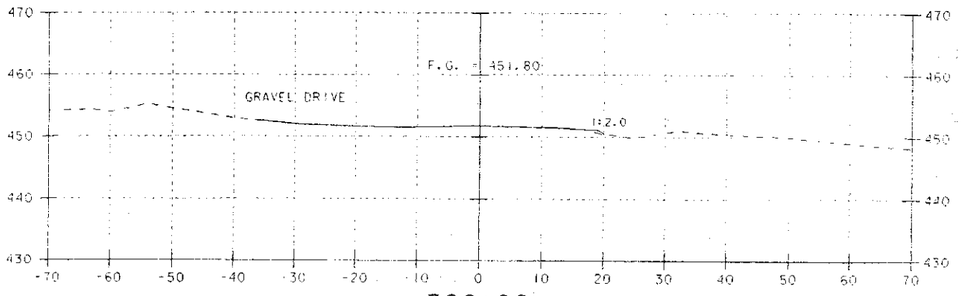
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05INNX.DGN	
IPARM FILE NAME: /LOC/78D05I/LD05IX03.I	PLOT DATE: 30-OCT-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



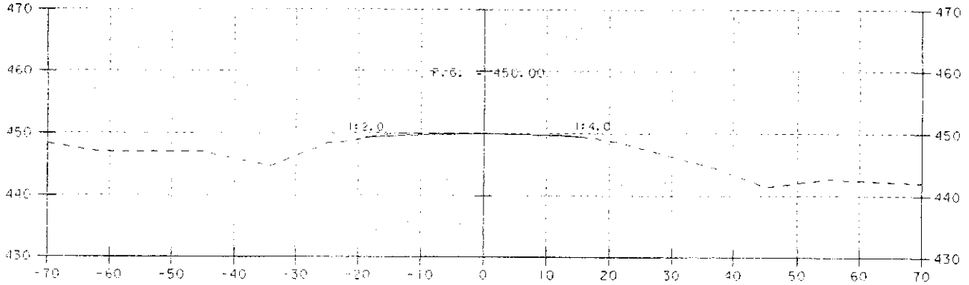
322+00



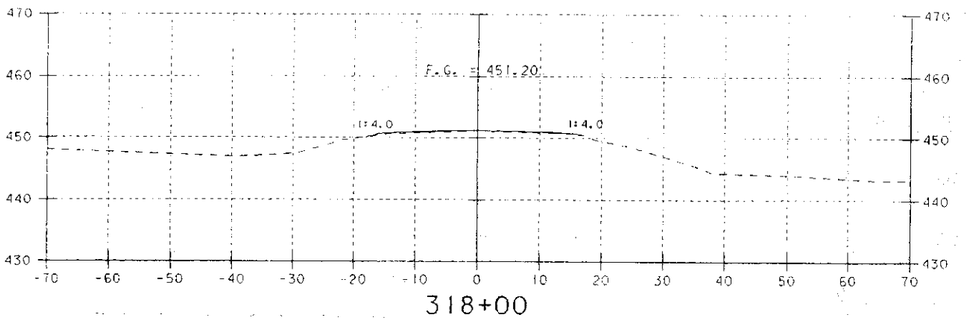
328+00



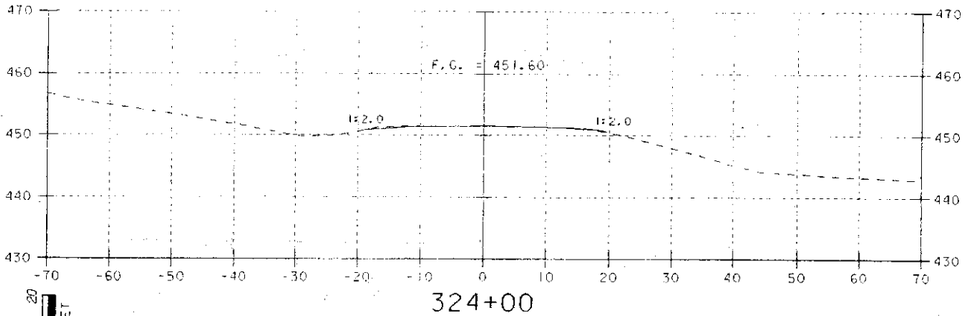
320+00



326+00



318+00



324+00

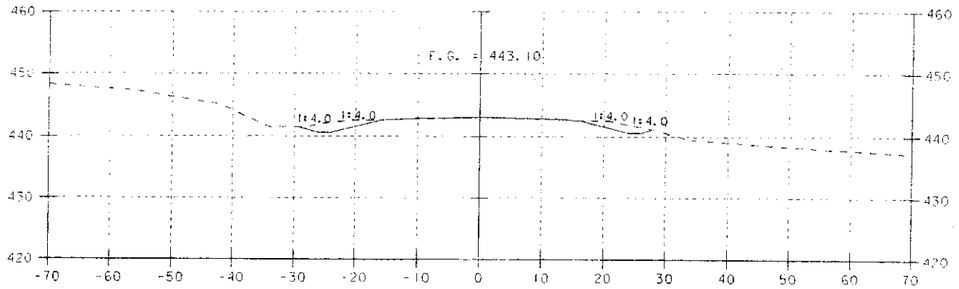
DATUM
VERTICAL
HORIZONTAL

0 10 20
SCALE IN FEET

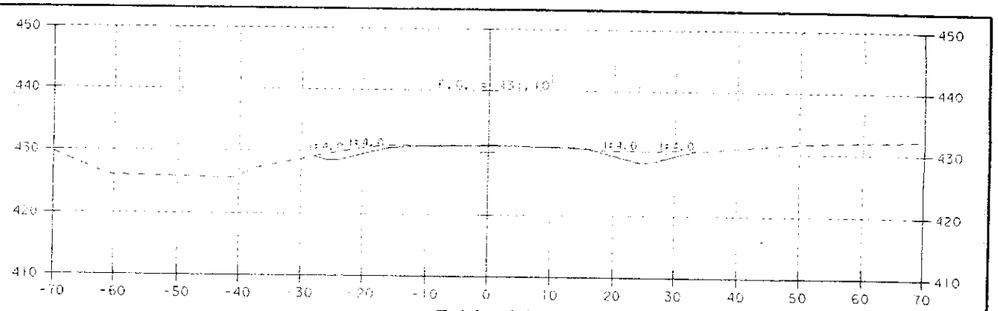
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SCALE IN FEET

ALTERNATIVE C

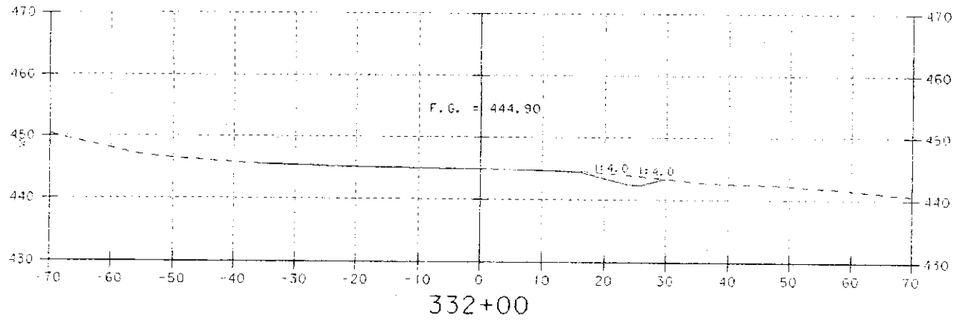
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF0193-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05INNX.DGN	
FARM FILE NAME: /LOC/78D05I/LD05IX02.1	PLOT DATE: 30-OCT-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



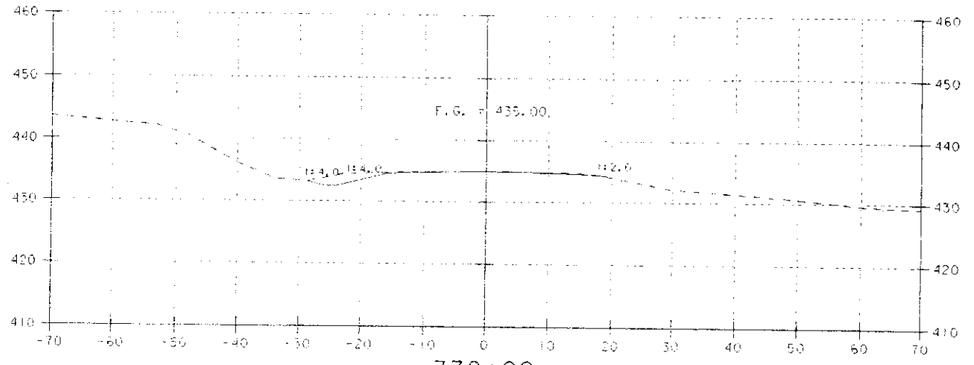
334+00



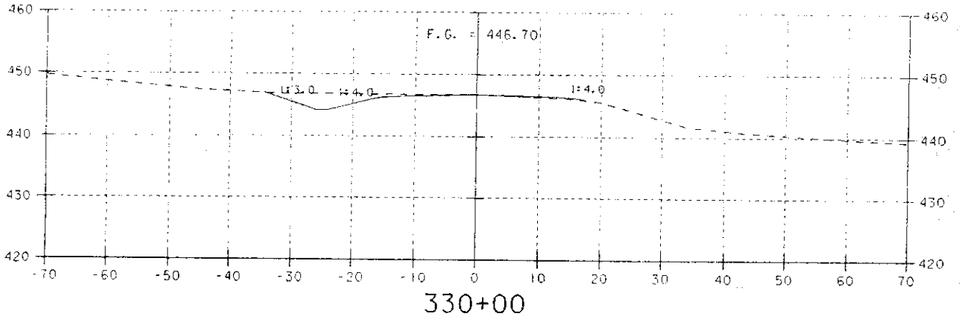
340+00



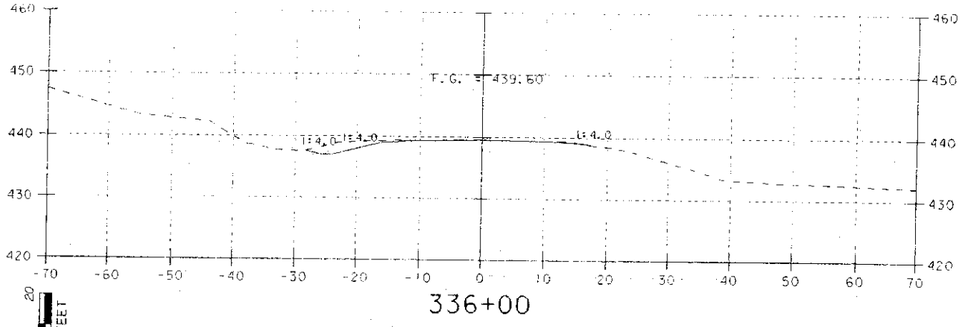
332+00



338+00



330+00



336+00

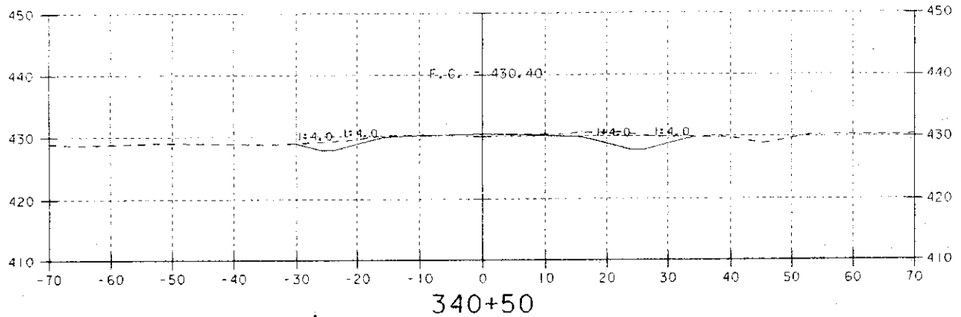
DATUM
VERTICAL
HORIZONTAL

0 10 20
SCALE IN FEET

0 10 20
SCALE IN FEET

ALTERNATIVE C

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF019-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05INNK.DGN	
IPARM FILE NAME: /LOC/78D05I/LD05IX01.I	PLOT DATE: 30-OCT-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF



340+50

END PROJECT FEGC F 019-3 (29)

DATUM
VERTICAL
HORIZONTAL

0 10 20
SCALE IN FEET

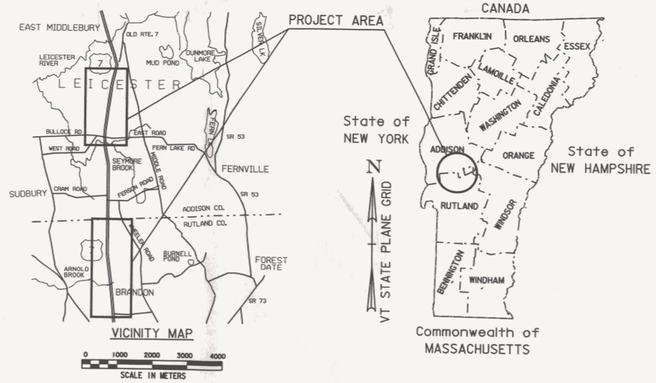
0 10 20
SCALE IN FEET

ALTERNATIVE C

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGCF 019-3(29)
DESIGN FILE NAME: /LOC/78D05I/LD05INNX.DGN	
IPARM FILE NAME: /LOC/78D05I/LD05IX01.I	PLOT DATE: 30-OCT-1996
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER: J.A. GARSO	DRAWN BY: RBN
	SHEET: OF

STATE OF VERMONT
AGENCY OF TRANSPORTATION

R.O.W. PLANS



PROPOSED IMPROVEMENT
TOWNS OF BRANDON AND LEICESTER
COUNTIES OF RUTLAND AND ADDISON
U.S. RTE 7 (PRINCIPAL ARTERIAL)

BEGINNING ON U.S. ROUTE 7 APPROXIMATELY 8851m NORTH OF THE BRANDON/PITTSFORD TOWN LINE AND EXTENDING NORTHERLY 3064 m TO THE BRANDON-LEICESTER TOWN LINE WHERE IT STOPS. IT RESUMES APPROXIMATELY 2000 m NORTH OF THE BRANDON-LEICESTER TOWN LINE AND EXTENDS NORTHERLY 2129 m WHERE IT ENDS.

LENGTH OF ROADWAY = 5193 m = 5.193 km
LENGTH OF PROJECT = 5193 m = 5.193 km

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES FULL DEPTH RECONSTRUCTION AND WIDENING OF PAVEMENT, GRADING AND DRAINAGE.

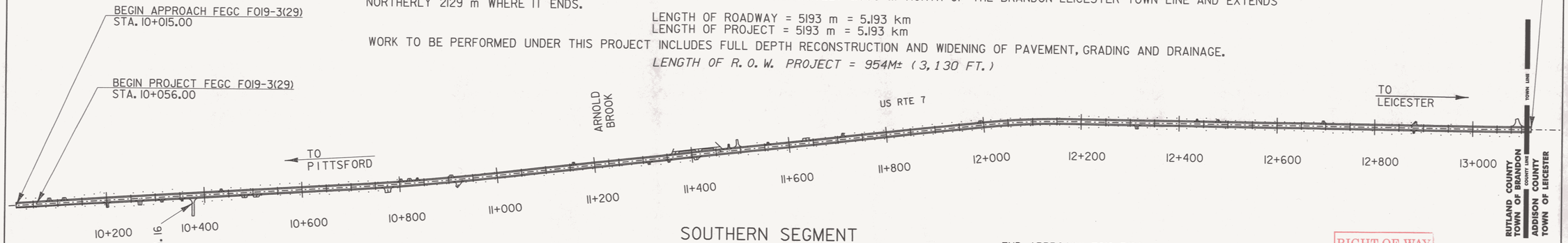
LENGTH OF R.O.W. PROJECT = 954M± (3,130 FT.)

N
VT STATE PLANE GRID

BEGIN APPROACH FEGC F019-3(29)
STA. 10+015.00

BEGIN PROJECT FEGC F019-3(29)
STA. 10+056.00

STOP PROJECT FEGC F019-3(29)
STA. 13+120.00



SOUTHERN SEGMENT

RESUME PROJECT FEGC F019-3(29)
STA. 100+050.00

SEYMOUR BROOK

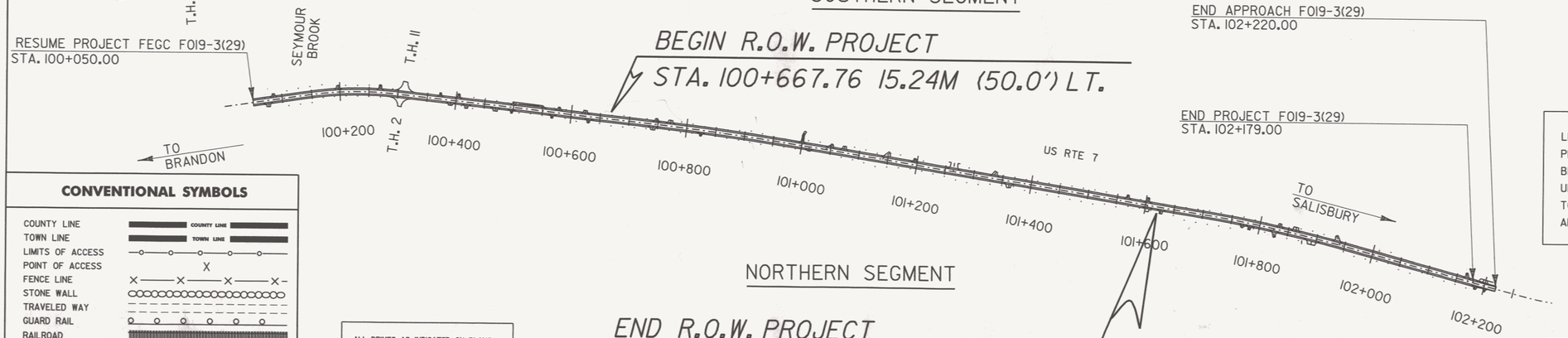
T.H. 11

END APPROACH F019-3(29)
STA. 102+220.00

RIGHT-OF-WAY
OCT 28 2002
PRELIMINARY PLANS ☒
COMPLETED PLANS ☒
FINAL PLANS ☒

BEGIN R.O.W. PROJECT
STA. 100+667.76 15.24M (50.0') LT.

END PROJECT F019-3(29)
STA. 102+179.00



NORTHERN SEGMENT

END R.O.W. PROJECT
STA. 101+621.87 15.24M (50.0') RT.

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES P/L ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE TOWN OF HARTFORD'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

CONVENTIONAL SYMBOLS

COUNTY LINE
TOWN LINE
LIMITS OF ACCESS
POINT OF ACCESS
FENCE LINE
STONE WALL
TRAVELED WAY
GUARD RAIL
RAILROAD
SURVEY LINE
CULVERT
POWER POLE
TELEPHONE POLE
TREES
CONTROL OF ACCESS
PROPERTY LINE
R.O.W. TAKING LINE
SLOPE RIGHTS
TOP OF CUT
TOE OF SLOPE
DITCH
RIGHT OF WAY

ALL DRIVES AS INDICATED ON PLANS ARE SUBJECT TO PERMITS PURSUANT TO TITLE 19 SECTION 111, V.S.A.

SURVEYED BY : VAOT
SURVEYED DATE : 6-29-2000

DATUM
VERTICAL: NAVD 88
HORIZONTAL: NAD 83

0 120 240 360 480
SCALE IN METERS
1:4000

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1995, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON AUGUST 21, 1995 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

VAOT Metric

APPROVED DAVID J. SCOTT DATE 9-21-01
Director of Project Development

APPROVED ALLEN N. BLAKE DATE 9-21-01
Chief, Right of Way

BRANDON - LEICESTER
FEGC F 019-3(29)
R.O.W. SHEET 1 OF 10 SHEETS

Metric

U.S. ROUTE 7
FULL DEPTH RECONSTRUCTION & WIDENING
TO 2.44–3.66–3.66–2.44

SEEDING FORMULA
RURAL AREAS

% WT.	kg/ha	NAME	PUR %	GERM %
37.5	26.0	CREEPING RED FESCUE	98	85
37.5	26.0	TALL FESCUE	95	90
5.0	4.0	RED TOP	95	90
15.0	10.0	BIRDSFOOT TREFOIL	98	85
5.0	4.0	ANNUAL RYE GRASS	95	85
100.0	70.0			

GENERAL NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

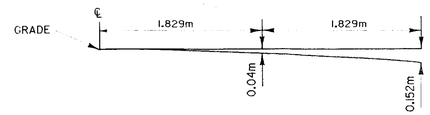
FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 560 kg/ha. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 4500 kg/ha, OR AS DIRECTED BY THE ENGINEER.

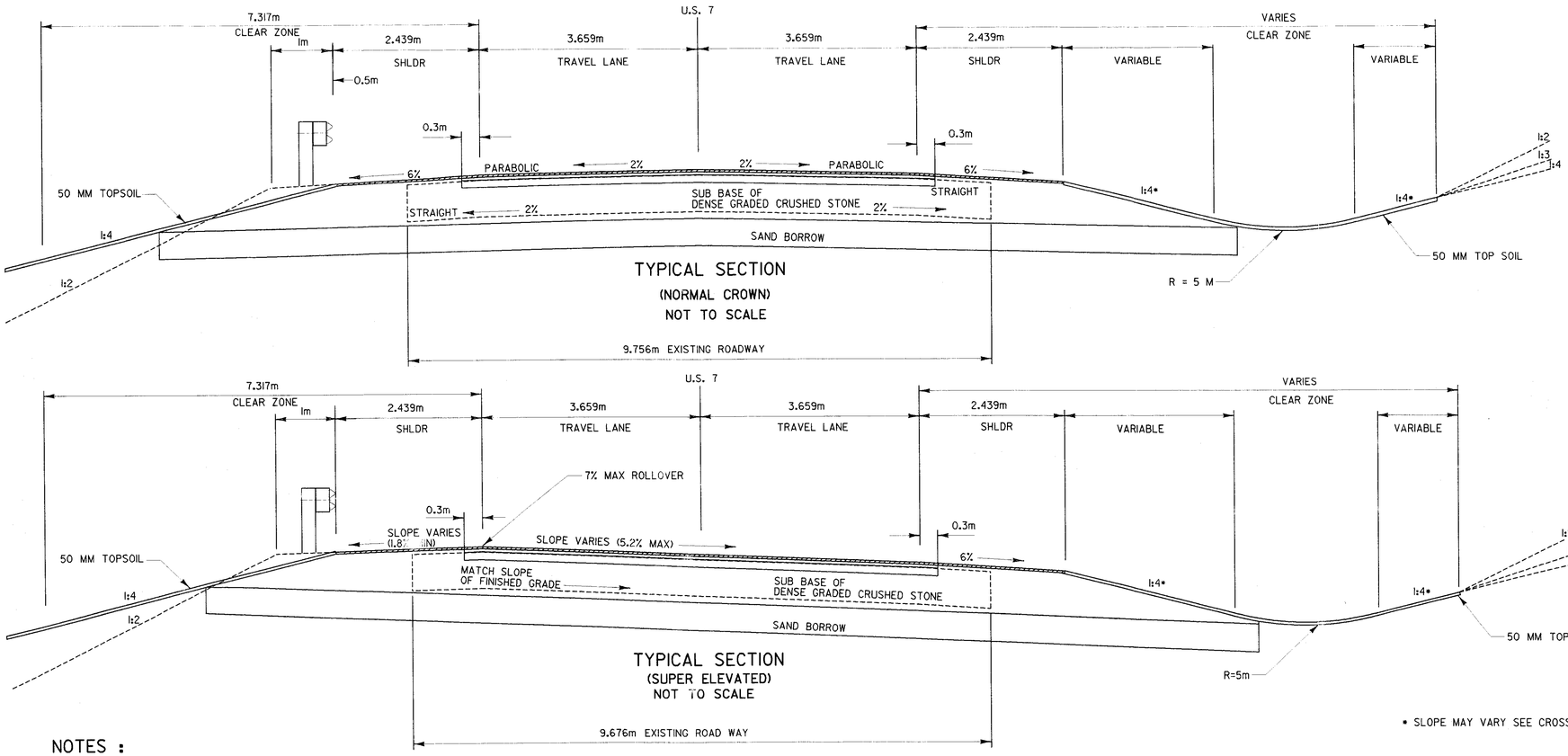
TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

35 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPE I)
50 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPEII)
130 MM BITUMINOUS PAVEMENT CONCRETE PAVEMENT (TYPEIII)
600 MM SUBBASE OF DENSE GRADED CRUSHED STONE
450 MM SAND BORROW



PARABOLIC DETAIL
(NOT TO SCALE)

NOTE: SUBGRADE SLOPES AT 2.0% BELOW ALL MODIFIED PARABOLICS



• SLOPE MAY VARY SEE CROSS-SECTIONS

NOTES :

1. THICKNESS OF ALL COURSES SHOWN ON THE DRAWING ARE COMPACTED THICKNESS.
2. ALL MATERIALS SHALL CONFORM TO VAOT STANDARD SPECIFICATIONS.
3. THE EXISTING ROADWAY CONSISTS ON CONCRETE SLABS THAT HAVE BEEN OVERLAYED WITH BITUMINOUS ASPHALT.
4. THE EXISTING ROADWAY SHALL BE EXCAVATED TO A DEPTH OF 1265 ± OR AS DIRECTED BY THE ENGINEER. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT, AS DIRECTED BY THE ENGINEER.
5. COLD PLANNING TO BE COMPLETED ACCORDING TO TYPICAL OR AS NOTED OTHERWISE ON THE PLANS. ALL COLD PLANNED AREAS SHALL BE TACKED WITH EMULSIFIED ASPHALT AS DIRECTED BY THE ENGINEER.
6. (6.) .9m OF BACKING IS REQUIRED BEHIND THE FACE OF GUARD RAIL WITH 1.8 METER POST. IF THIS CAN NOT BE OBTAINED THEN 3.6m POSTS WILL BE USED.
7. EMULSIFIED ASPHALT. SHALL BE APPLIED ON ALL EXISTING SURFACES, ON ALL COLD PLANNED SURFACES AND BETWEEN ALL COURSES OF PAVEMENT AT THE RATE OF .068 l./SM. OR AS DIRECTED BY THE ENGINEER.

MATERIAL	THICKNESS TOLERANCE
PAVEMENT (TOTAL DEPTH)	5 MM
SUB BASE	30 MM
SAND	30 MM

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER
PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\civil\sheet\x-sections&details\zb05ltypsect.dgn
IPARM FILE NAME:
PLOT DATE: 06 FEB 2001
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: A. N. BEY
R.O.W. SHEET 2 OF 10SHEETS

Metric

STATE OF VERMONT
AGENCY OF TRANSPORTATION
RIGHT OF WAY PLANS
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
1A	COLE, JEANETTE D.	4, 5	100+667.76 LT.	100+758.68 LT.	554 SM±					LEICESTER			0.14A± INC. BND.
			100+667.76 LT.	100+758.68 LT.			ACCESS (P)						ANIMAL CROSSING
													RESTRICTION
			100+668.0 LT.	100+756.7 LT.			REMOVE & RESET (T)						FENCE
			100+746.7 LT.										DRIVE, 3.9M WIDE; MM 1752
1B		4, 5, 6, 7, 8, 9, 10	100+670.21 RT.	101+621.87 RT.	0.627 HA±					LEICESTER			1.55A±; INCLUDES STONE WALL & BOUNDS
			100+670.63 RT.	101+621.87 RT.			ACCESS (P)						ANIMAL CROSSING
													RESTRICTION
			100+671.1 RT.	100+728.4 RT.			REMOVE & RESET (T)						FENCE
			100+742.3 RT.										DRIVE, 7.0M WIDE; MM 1749
			100+750.1 RT.	100+768.1 RT.			ALL R.T.& I.						STONE WALL
			100+825.2 RT.										DRIVE, 2.8M WIDE; MM 1800
			100+853.3 RT.	101+600.5 RT.			REMOVE & RESET (T)						FENCE
			101+127.2 RT.	101+140.0 RT.			SLOPE (T) 9 S.M.±						97 S.F.±
			101+138.0 RT.				DRAINAGE (P)						
			101+286.4 RT.	101+313.5 RT.			SLOPE (T) 28 S.M.±						301 S.F.±
			101+361.2 RT.				DRIVE (T)						6.2M WIDE; MM 2133
			101+435.0 RT.				DRAINAGE (P)						
			101+604.0 RT.										DRIVE, 6.1M WIDE; MM 2284
1C		6	100+923.70 LT.	100+995.72 LT.	541 S.M.±					LEICESTER			0.13A±
			100+923.70 LT.	100+995.72 LT.			ACCESS (P)						ANIMAL CROSSING
													RESTRICTION
			100+927.7 LT.	100+993.5 LT.			REMOVE & RESET (T)						FENCE
1D		4, 5	100+669.47 LT.	100+730.51 LT.	126 S.M.±		ALL R.T.& I.			LEICESTER			1,356 S.F.±
													US. RTE. 7 HWY. EASE.
1E		6, 7	100+980.17 RT.	101+066.02 RT.	170 S.M.±		ALL R.T.& I.			LEICESTER			1,830 S.F.±
			101+013.5 RT.										DRIVE, 2.8M WIDE; MM 1917
1F		7, 8, 9	101+175.52 RT.	101+561.69 RT.	0.101 HA±		ALL R.T.& I.			LEICESTER			0.25A±
													US. RTE. 7 HWY. EASE.
			101+248.8 RT.				DRAINAGE (P)						
1G		4, 5, 6, 7, 8, 9, 10	100+668.61 LT.	101+620.27 RT.	0.840 HA±		ALL R.T.& I.			LEICESTER			US. RTE. 7 HWY. EASE. 2.08 A±

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

DR. (P)- DRAINAGE RIGHT
DIT. (P)- DITCHING RIGHT
CH. (P)- CHANNEL RT.
DRIVE (T)- DRIVE RIGHT
CUL. (P)- CULVERT RIGHT
W - WATER SOURCES

PRESENT R.O.W.
TAKING WITHOUT ACCESS
TAKING WITHOUT ACCESS ALONG PROPERTY LINE
TAKING WITH ACCESS
(P) PERMANENT EASEMENT
(T) TEMPORARY EASEMENT

LEGEND
C&T (P) CLEARING & TRIMMING
CZ (P) CLEAR ZONE
CONST. (T) CONSTRUCTION EASEMENT
SR SLOPE RIGHTS
PROPERTY LINE
TOP OF CUT
TOE OF SLOPE
UE (P) PERMANENT UTILITY EASEMENT

ACCT. GFunk
\\vaot_cadd\filingcabinet$\78d05l\Right0fWay\rd05ld.dgn
DATE PLOTTED 23-OCT-2002

APPROVED: ROGER P. DUMAS DATE: 9-21-01
CHIEF, PLANS & TITLES

R. O. W. PLANS
BRANDON - LEICESTER
FEGC F 019-3(29)
SHEET 3 OF 10

VT STATE PLANE GRID

N

VAOT Metric

N/F TOWN OF LEICESTER

BEGIN R.O.W. PROJECT
STA. 100+667.76
15.24M(50.0') LT.

P L

COLE, JEANETTE D.

PIPE

STA. 100 + 700 MATCH LINE

TO R.O.W. SHEET 5 OF 10 SHEETS

N/F LUBINSKI

I.S.W.F. HOUSE

WELL ARTESIAN

FLOWERS & SHRUBS

DUG WELL

ROSE BUSH

FLOWERS

GUY-W

S. MAPLE

ROSES

PAVED DRIVEWAY

HARDWOOD TREES

DOGWOOD

L. WILLOW

7.60M(24.9')

BRICK FLOWER BOX

HEADWALL

CURB POST

COMB #84/179

M. ELM

310mm CGMP

GRAVEL DRIVEWAY

CZ

PAVED

1.5 m-R

6 m-R

SIGN WARNING INTERSECTION AHEAD

2.4m

3.7m

100+540

100+560

100+580

100+600

100+620

100+640

100+660

N 6° 10' 37.1" E

US ROUTE 7

℄ CONSTRUCTION

TELCO AERIAL JUNCTION BOX

S. ASH AERIAL E&T

100+668.61
7.69M(25.2')LT.

100+669.47
12.19M(40.0')LT.

APPROXIMATE WETLANDS
1.83M(6.0')

REMOVE&RESET(T)

100+669.47
10.36M(34.0')LT.

POND 1D
W.D.O.E. STATE OF VT. VOL.24 P.160

ACCESS(P)

[90.32M(298.3')]

[6.04M(200.3')]

M. WILLOW

DISTURBED

1A

[88.18M(289.3')]

[6.04M(200.3')]

15.17M(49.8')

1G

REMOVE & RESET(T)

100+680

3 ROD(49.5')(15.09M) STATUTORY R.O.W.

[131.79 M (432.4')]

7.91M(25.6')

100+670.21
7.40M(24.3')RT.

1B

REMOVE & RESET(T)

ACCESS (P)

[101.29M(332.3')]

100+671.22
15.24M(50.0')RT.

STA. 100+525 MATCH LINE

LEICESTER GENERAL STORE

CONC. PAD WITH TELEPHONE BOOTH

PUMP ISLAND

GUIDE POST

CONC. PAD

BLDG.

MONITORING WELL

TEL #1

SIGN EXXON

SIGN NO PARKING

M. ASH

S. MAPLE

M. ELM

FLOWERS GARDEN

FLOWERS

3S. ASH

S. APPLE

GARDEN

MB #1657

MB #1652

J.C.E. MARK

WELL SPRING

GRAVEL DRIVEWAY

ROSES

SHRUBS

FLOWERS

S. PINE

DITCH

GRAVEL DRIVE

S. SPRUCE

LILAC

310mm CGMP

HANDICAPPED RAMP

TRAILER

M. WILLOW

EL #85B

N/F R. NEW

N/F MORCOMBE

COLE, JEANETTE D.

L1

CONSTRUCT DRIVE

LT.	RT.
100+552.9	100+567.2
100+578.0	100+630.0
100+624.2	

0 10 20 30

SCALE IN METERS

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
PLOT DATE: $DATE$
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: A. N. BEY

R. O. W. SHEET 4 OF 10 SHEETS

N

VT STATE PLANE GRID

VAOT Metric

STA. 100 + 700 MATCH LINE

TO R.O.W. SHEET 4 OF 10 SHEETS

COLE, JEANETTE D.

BM4 = CHISEL SQUARE IN BOULDER ELEV. 138.626

1D

W.D.O.E. STATE OF VT. VOL.24 P.160

POND

ACCESS(P)

100+730.51
12.28M(40.3')LT.

2.29M(7.5')

100+730.51
9.99M(32.8')LT.

[90.92M(298.3')]

[61.04M(200.3')]

[61.04M(200.3')]
[88.18M(289.3')]

AERIAL E&T

BND WITHD CONC.

GUY-W

BND ALUMINUM SURVEY DISC

1A

GRAVEL DRIVE

REMOVE BND.

100+758.68
15.24M(50.0')LT.

100+756.79
7.61M(25.0')LT.

380mm CGMP

APPROXIMATE WETLANDS

P L

BM

7.86M(25.8')

PC STA 100+742.51

380mm CGMP

GRAVEL DRIVE

L. OAK

L. HICKORY

N/F RANDALL

STA. 100 + 875 MATCH LINE

SHEET 6 OF 10 SHEETS

DITCH

APPROXIMATE WETLANDS

DITCH

M. HICKORY

M. HICKORY

35. MAPLE

GUIDE POST

REMOVE BND.

L. OAK

GUT-W

BND ALUMINUM SURVEY DISC.

COMB #15/183/27/88

AERIAL E&T

GUT-W

M. BASSWOOD

M. ASH

MM #0070/0109/0180

LARGE STUMP

M. HICKORY

SHRUBS

COMB #22/87/182

AERIAL E&T

700

100+720

1G

100+740

7.77M (25.5')

100+754.92
0.07M(0.2')LT

100+760

47.08M(154.5')

3 ROD(49.5')(15.09M) STATUTORY R.O.W.

100+780

P L

PL/P.C. 100+802.00
0.12M(0.4')LT

AERIAL E&T

100+800

100+820

100+840

[R=3,492.30M(11,457.7')
L=122.69M(402.5')]

100+860

1G

1B

OUTLET CLOGGED

MB

380mm CGMP

INLET CLOGGED FLOWERS

MB

S. ASH

[131.79M(432.4')]

M. HICKORY

M. HIVCKORY

M. HICKORY

2S. DEAD ELM

S. ASH

50 MPH SPEED LIMIT SIGN

BND ALUMINUM SURVEY DISC

380mm CGMP

MB #2263

U.G.E. MARKER

COMB #22/87/182

AERIAL E&T

M. HICKORY

GUY-W

M. OAK

S. BASSWOOD

M. HICKORY

GUY-W

MM #0070/0109/0180

1B

[101.29M(332.3')]

M. MAPLE

S. ELM

2S. ASH

M. HICKORY

M. MAPLE

M. HICKORY

ALL R.T.&L. STONE WALL

ACCESS (P)

P.C.100+772.51
15.24M(50.0')RT.

R.O.W./P.C.100+802.05
7.42M(24.3')RT.

[226.40M(742.8')]

REMOVE BND.

M. HICKORY

M. WALNUT

M. APPLE

LILAC

S. ELM

M. WILLOW

L. MAPLE

1½S.W.F. HOUSE

GUY-W

VEGETABLE GARDEN

DIRT DRIVE

GRAVEL DRIVE

EXISTING ROW CURVE
[R=3,485.22M(11,434.4')
L=174.36M(572.0')]

REMOVE& RESET(T)

TO R.O.W. SHEET 6 OF 10 SHEETS

STA. 100 + 875 MATCH LINE

COLE, JEANETTE D.

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

CONSTRUCT DRIVE

LT.	RT.
100+746.7	100+742.3
100+771.3	100+825.2

0 10 20 30

SCALE IN METERS

DATUM

VERTICAL	NAVD 88
HORIZONTAL	NAD 83

L2

PROJECT NAME:	BRANDON-LEICESTER
PROJECT NUMBER:	FEGC F 019-3 (29)
FILE NAME: 78d05l	PLOT DATE: 24-OCT-2002
PROJECT LEADER:	DRAWN BY: A. N. BEY
DESIGNED BY:	CHECKED BY:

R. O. W SHEET 5 OF 10 SHEETS

VT STATE PLANE GRID

N

VAOT Metric

STA. 100 + 875 MATCH LINE

TO R.O.W. SHEET 5 OF 10 SHEETS

N/F RANDALL

COLE, JEANETTE D.

N/F D.NEW

DITCH

APPROXIMATE WETLANDS

PI STA 100+886.097 = STA 100+886.120

100+923.70 15.24M(50.0')LT.

100+924.19 7.87M(25.8')LT.

7.38M (24.2')

72.26M(237.1')

REMOVE & RESET (T)

R.O.W./P.T. 100+976.77 7.67M(25.2')LT.

100+995.72 15.24M(50.0')LT.

ACCESS (P)

WARNING SIGN COW CROSSING W/ LIGHT SIGNAL

[R=3,492.30M(11,457.7')] L=122.69M(402.5')]

CURVE 6 7.56M (24.8')

100+924.69 0.33M(1.1')LT.

R=3,500.31M(11,484.0') L=52.67M(172.8')

9.98M(65.6')

7.70M (25.3')

U.S.E. MARKER

US ROUTE 7

℄ CONSTRUCTION

3 ROD(49.5')/15.09M) STATUTORY R.O.W.

R.O.W./P.T. 100+976.68 7.42M(24.3')RT.

7.61M (25.0')

2.4m 3.7m 3.7m 2.4m

6 m-R

100+997.71 0.06M(0.2')LT.

53.20M (174.5')

N 9°04' 09.7" E

REMOVE &RESET(T)

EXISTING ROW CURVE [R=3,485.22M(11,434.4') L=174.36M(572.0')]

[226.40M(742.8')]

100+980.17 7.94M(26.0')RT.

25.16M (82.5')

100+997.90 11.00M(36.1')RT.

P.T.100+999.68 15.24M(50.0')RT.

101+005.01 12.21M(40.1')RT.

[643.55M(2,111.4')]

[85.82M(281.6')]

[61.10M(200.5')]

[622.19M(2,041.3')]

PT STA 100+999.682

15' GRAVEL DRIVE

100+996.72 7.60M(24.9')LT.

101+000 101+020 101+040

LILAC

M. PINE

M. PINE

S. MAPLE

S. MAPLE

M. PINE

S. DEAD ELM

L. PINE

S. HEMLOCK

GARAGE

MAPLE

HARDWOOD

S. ELM

2S. MAPLE

LARGE STUMP

LARGE STUMP

LARGE STUMP

MEDIUM STUMP

FLOWERS

M. MAPLE

IPIPE

GRAVEL DRIVE

COMB #40A7187

COMB #103740/187

LEDGE ROCK

M. ASH

M. HICKORY

AERIAL OAK

COMB #42A/15/185

S. OAK

2S. HICKORY

BND GRANITE

BND

AERIAL E&T

CZ

P L

1B 1C 1D 1E 1F 1G

1E W.D.O.E. STATE OF VT. VOL. 24 P. 155

STA. 101 + 050 MATCH LINE

TO R.O.W. SHEET 7 OF 10 SHEETS

COLE, JEANETTE D.

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

CURVE #6 DATA
Δ =2° 53' 32.8" RT
R =4500
T =113.61
L =227.171
E =1.434
BANK =NC

CONSTRUCT DRIVE

LT.	RT.
101+000.5	101+013.5
101+041.2	

0 10 20 30
SCALE IN METERS

DATUM

VERTICAL	NAVD 88
HORIZONTAL	NAD 83

L3

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: A. N. BEY

R. O. W SHEET 6 OF 10 SHEETS

VT STATE PLANE GRID

N

VAOT Metric

STA. 101 + 050 MATCH LINE

TO R.O.W. SHEET 6 OF 10 SHEETS

SHED

GRAVEL DRIVE

GRAVEL DRIVE

M. MAPLE

M. WALNUT

M. MAPLE

M. WALNUT

M. BASS

M. BASS

M. LOCUST

M. WALNUT

M. BASSWOOD

W. D. O. E. STATE OF VT. VOL. 24 P. 160

I S.W.F. HOUSE

BERRY BUSH

HARDWOODS

FLOWER

FLOWERS

LILAC

N/F PIDGEON

REMOVE BND.

SET BNDS.

BND ALUMINUM SURVEY MARK STAMPED "L50"

M. APPLE

M. MAPLE

W. D. O. E. STATE OF VT. VOL. 24 P.137

M. MAPLE

DIRT DRIVE

2 S.W.F. HOUSE

SEPTIC

S. PINE

M. BUTTERNUT

M. MAPLE

W. D. O. E. STATE OF VT. VOL. 24 P.137

M. MAPLE

3M. MAPLE

LILAC

I S.W.F. HOUSE

FLOWERS

S. SPRUCE

LILAC

WELL

SPRING

FLOWERS

M. MAPLE

M. MAPLE

LILAC

380mm CGMP

BND

DISTURBED

HEADWALL

380mm CGMP

6 m-R

6 m-R

PAVED

STA. 101 + 225 MATCH LINE

TO R.O.W. SHEET 8 OF 10 SHEETS

3 m-R

6 m-R

101+050.91

0.03M(0.1')LT.

101+060

1G

6 m-R

DITCH

IPIPE

CZ

CZ

DI

CZ

CZ

3.6 m-R

S. CEDAR

DITCH

SPRUCE

BND

[85.82M(281.6')]

US ROUTE 7

℄ CONSTRUCTION

101+080

101+100

101+120

101+140

101+160

101+180

101+200

101+220

GP MM "0070/0109/0208"

2.4m

3.7m

3.7m

2.4m

460mm RCP

P L

N 9°04'09.7" E [27.07M (899.3')]

3 ROD(49.5')(15.09M) STATUTORY R.O.W.

AERIAL E&T

AERIAL E&T

AERIAL E&T

AERIAL E&T

AERIAL E&T

AERIAL E&T

[61.10M(200.5')]

AERIAL E&T

BND

CZ

1B

1E

1G

WARNING SIGN

MB

COMB #3/39/188

REMOVE& RESET(T)

GUY-W

BM

101+066.02

8.93M(29.3')RT.

BM# 5 = RRSIL

ELEV: 143.883

[622.19M(2,041.3')]

DR (P)

SR(T)

ACCESS (P)

101+175.52

10.69M(35.1')RT.

COMB #38A/89-1

1.52M(5.0')

GUY-W

BND ALUMINUM SURVEY DISC STAMPED "L20"

[386.18M(1,267.0')]

[82.25M(597.9')]

1B

REMOVE& RESET(T)

101+175.52

12.22M(40.1')RT.

REMOVE BND.

1F

W.D.O.E. STATE OF VT. VOL. 24 P.135

APPROXIMATE WETLANDS

COLE, JEANETTE D.

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

CONSTRUCT DRIVE

LT.	RT.
101+072.7	
101+141.1	
101+195.0	

0 10 20 30

SCALE IN METERS

L4

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
PLOT DATE: $DATE$
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: A. N. BEY

R. O. W SHEET 7 OF 10 SHEETS

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

VT STATE PLANE GRID

N

VAOT Metric

101+225.000 MATCH LINE

TO R.O.W. SHEET 7 OF 10 SHEETS

N/F PIDGEON

GARAGE - TIRE BUSINESS

P/L

N/F QUINNEVILLE

1 S.W.F. HOUSE

S. APPLE

PAVED

cz

380mm CGMP

6 m-R

2.4m

3.7m

3.7m

2.4m

DITCH

460mm CMP

1G

101+240

101+260

101+280

101+300

101+320

101+340

101+360

101+380

1B

1F

COMB #103/37/1190

AERIAL E&T

DR.(P)

US ROUTE 7

℄ CONSTRUCTION

3 ROD(49.5')[15.09M) STATUTORY R.O.W.

[27.07M (899.3')] N 9° 04' 09.7" E

101+321.98 0.34M(1.1')LT.

[182.25M(597.9')]

[643.55M(2,111.4')]

[386.18M(1,267.0')]

[622.19M(2,041.3')]

[181.26M(594.7')]

SR(T)

REMOVE & RESET (T)

GUY-W

COMB 36/49

MB on #2126

MB COL.#139

COMB #103/35/192

BM

BM#6 = VERMONT SURVEY DISC IN BOULDER STAMPED 'A97027' ELEV: 138.59

W.D.O.E. STATE OF VT. VOL. 24 P.137

WELL 2 mm X 2 mm SPRING

WELL SPRING

2M. APPLE

GRAVEL DRIVE

460mm CMP

APPROXIMATE WETLANDS

GUY-W

35S/192-S

ACCESS (P)

BND

101+357.77 11.76M(38.6')RT. (MARKS BOUNDARY BETWEEN PARCELS IN VOL24 P135)

1F W.D.O.E. STATE OF VT. VOL.24 P.135

20' R.O.W. IN COMMON WITH OTHERS

1F W.D.O.E. STATE OF VT. VOL.24 P.135

COLE, JEANETTE D.

APPROXIMATE WETLANDS

101+400.000 MATCH LINE

TO R.O.W. SHEET 9 OF 10 SHEETS

101+400.000 MATCH LINE

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

CONSTRUCT DRIVE

LT.	RT.
101+264.1	101+361.2
101+333.1	

0 10 20 30

SCALE IN METERS

L5

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
PLOT DATE: $DATE$
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: A. N. BEY

R. O. W SHEET 8 OF 10 SHEETS

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

VT STATE PLANE GRID

N

VAOT Metric

STA. 101 + 400
MATCH LINE

TO R.O.W. SHEET 8 OF 10 SHEETS

N/F
QUINNEVILLE

APPROXIMATE
WETLANDS

STONE HEADWALL

760mm RCP

101+420

101+440

101+460

101+480

101+500

101+520

101+540

101+559.75
℄ CL.

101+560

2.4m

3.7m

3.7m

2.4m

P/L 237.76M N 9°04' 09.7" E
(780.1')

3 ROD(49.5')(15.09M)
STATUTORY R.O.W.

℄ CONSTRUCTION

US ROUTE 7

6 m-R

6 m-R

18.93M(62.1')

1G

1B

1F

GUIDE POST

MM
#0070 0109/0220
COMB
#2269-1

[643.55M(2,111.4')]

[386.18M(1,267.0')]

[181.26M(594.7')]

[622.19M(2,041.3')]

DR (P)

ACCESS (P)

AERIAL E&T

CZ

W.D.O.E.
STATE OF VT.
VOL.24 P.155

REMOVE
& RESET (T)

COMB
#3304
AERIAL E&T

GUY W

BND
DISTURBED

101+539.02
13.67M(44.8')RT.

23.03M
(75.6')

MB
#2269-2

BND

101+561.69
9.61M(31.5')RT.

W.D.O.E.
STATE OF VT.
VOL.24 P.137

BND
ALUMINUM SURVEY
MARK NO STAMPING

N/F
MERRIGAN

P/L

GRAVEL DRIVE

380mm CGMP

STA. 101 + 575
MATCH LINE

TO R.O.W. SHEET 10 OF 10 SHEETS

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

COLE, JEANETTE D.

CONSTRUCT DRIVE
LT. RT.
100+565.8

0 10 20 30
SCALE IN METERS

L6

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
PLOT DATE: $DATE$
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: A. N. BEY
R. O. W SHEET 9 OF 10 SHEETS

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83

VT STATE PLANE GRID

N

VAOT Metric

101+575 MATCH LINE

TO R.O.W. SHEET 9 OF 10 SHEETS

N/F MERRIGAN

GRAVEL DRIVE

300mm CGMP

P L

GRAVEL DRIVE

GRAVEL DRIVE

N/F QUINNEVILLE

SET BND.

REMOVE BND.

BND ALUMINUM SURVEY DISK STATE OF VERMONT

PIPE

LAND LINES

W.D.O.E. STATE OF VT. vol.24 p.137

CZ

380mm CGMP

PC STA 101+701.446

101+578.68 0.04M(0.1)RT.

2.4m

6 m-R

3.7m

101+580

40.00M(131.2')

101+600

3 RODS(49.5')(15.09M) STATUTORY R.O.W.

101+618.67 0.13M(0.4')RT.

N 9° 04' 09.7" E

7.71M (25.3')

101+620

16

MB

[643.55M(2,111.4')]

E&T

AERIAL E&T

COMB #03/32/15/195

1B

[622.19M(2,041.3')]

ACCESS (P)

101+620.27 7.68M(25.2')RT.

REMOVE &RESET(T)

7.73M (25.4')

US ROUTE 7

℄ CONSTRUCTION

101+640

101+660

101+680

101+700

101+720

101+740

BND VTHD CONC.

BM#7=RRSIR IN PINE ELEV: 136.444

BM

M. PINE

HEADWALL

INLET CLOGGED

S. ELM

STA. 101+750 MATCH LINE

GRAVEL DRIVE

GARDEN

WALL

I.S.W.F. HOUSE

M. PINE

N/F HASKINS

S. MAPLE

M. PINE

S. ASH

100 PVC

COMB #331/196

BND CONCRETE DISTURBED

AERIAL E&T

CZ

MB

IPIPE

S. ELM

S. ELM

APPROXIMATE WETLANDS

COLE, JEANETTE D.

P L

END R. O. W. PROJECT

STA. 101+621.87

15.24M(50.0') RT.

LINES SHOWN ON THIS PLAN AS EXISTING PROPERTY LINES (P/L) ARE BELIEVED TO BE ACCURATE BUT SHOULD NOT BE RELIED UPON FOR PURPOSES UNRELATED TO THE STATE OF VERMONT'S ACQUISITION OF LAND AND RIGHTS FOR THIS PROJECT.

CONSTRUCT DRIVE

LT.	RT.
101+603.1	101+634.3

0 10 20 30

SCALE IN METERS

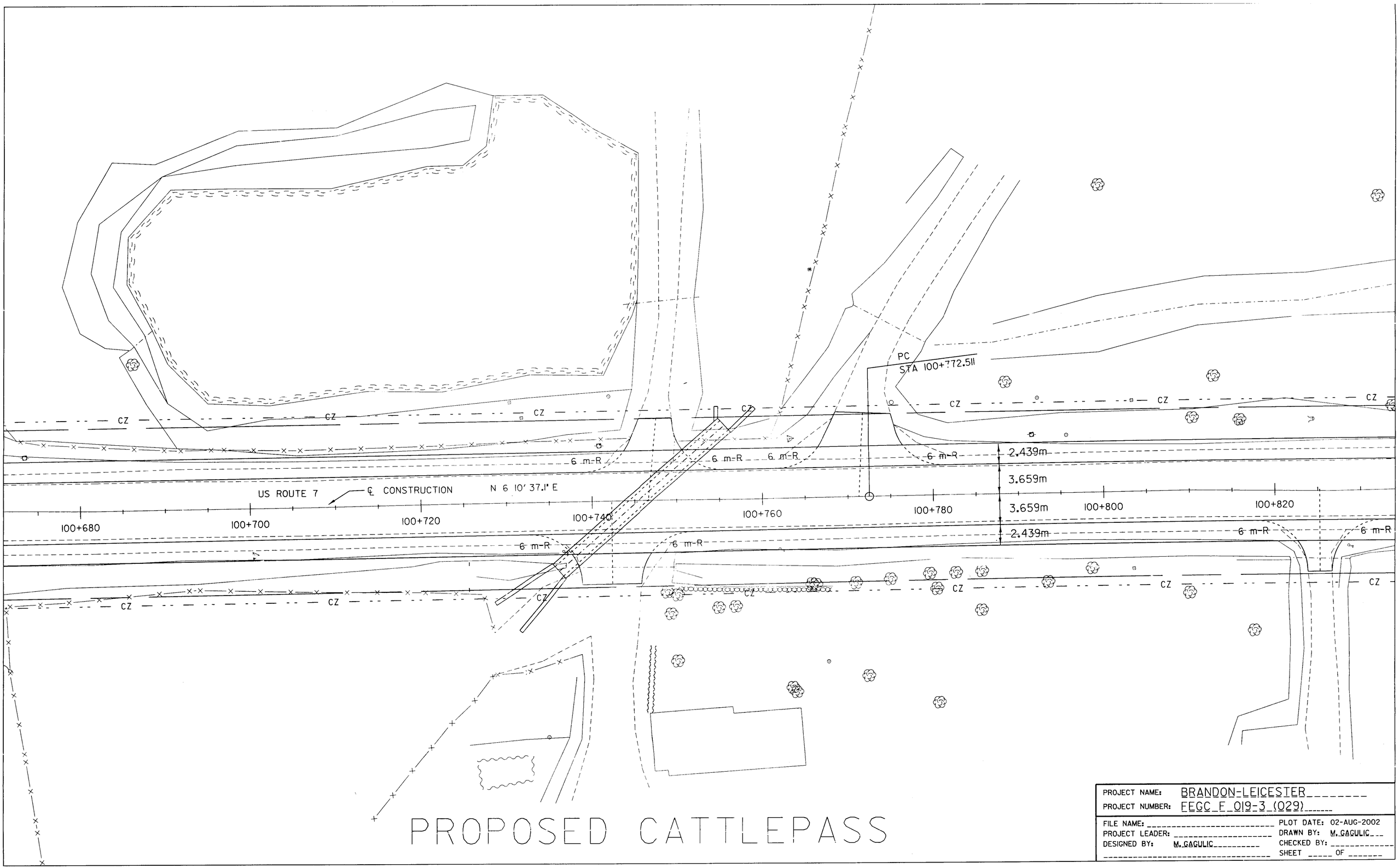
L7

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: A. N. BEY
R. O. W SHEET 10 OF 10 SHEETS

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

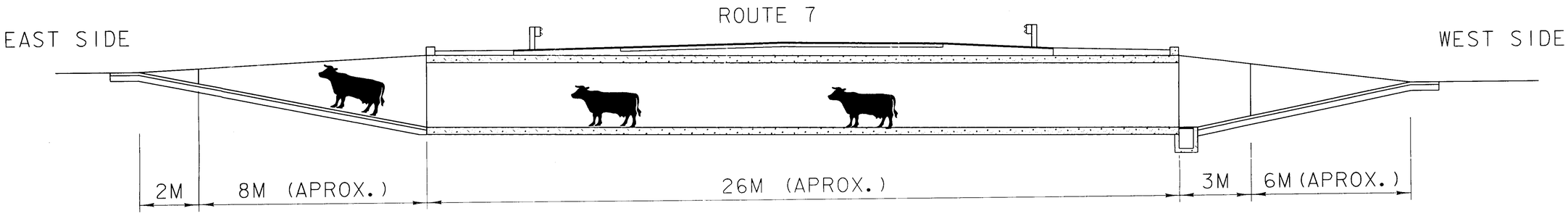


PROPOSED CATTLEPASS

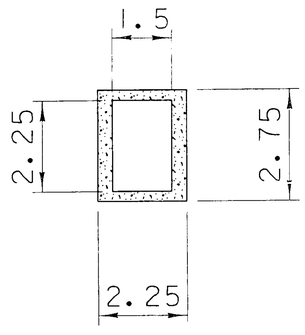
PROJECT NAME:	BRANDON-LEICESTER
PROJECT NUMBER:	FEGC_F_019-3_(029)
FILE NAME:	
PROJECT LEADER:	
DESIGNED BY:	M. GAGULIC
PLOT DATE:	02-AUG-2002
DRAWN BY:	M. GAGULIC
CHECKED BY:	
SHEET	_____ OF _____

Metric

TYPICAL CROSS SECTION ALONG CENTER LINE OF CATTLEPAASS



TYPICAL END SECTION



PROJECT NAME: BRANDON_-LEICESTER_____
PROJECT NUMBER: _____

FILE NAME: _____ PLOT DATE: 12-AUG-2002
PROJECT LEADER: _____ DRAWN BY: M. GAGULIC
DESIGNED BY: M. GAGULIC CHECKED BY: _____
_____ SHEET ____ OF _____

INDEX OF SHEETS

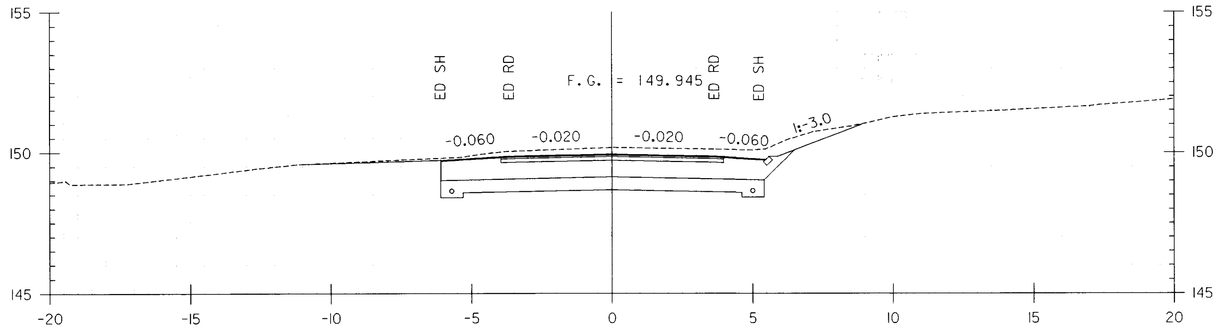
VOLUME 2

Metric

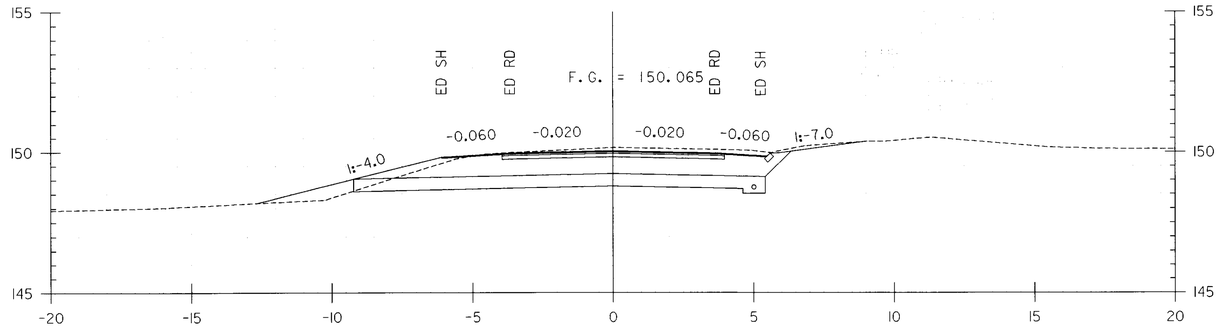
1. TITLE SHEET
2. INDEX OF SHEETS
3. CROSS SECTIONS (SEGMENT 1- SHEET 1)
4. CROSS SECTIONS (SEGMENT 1- SHEET 2)
5. CROSS SECTIONS (SEGMENT 1- SHEET 3)
6. CROSS SECTIONS (SEGMENT 1- SHEET 4)
7. CROSS SECTIONS (SEGMENT 1- SHEET 5)
8. CROSS SECTIONS (SEGMENT 1- SHEET 6)
9. CROSS SECTIONS (SEGMENT 1- SHEET 7)
10. CROSS SECTIONS (SEGMENT 1- SHEET 8)
11. CROSS SECTIONS (SEGMENT 1- SHEET 9)
12. CROSS SECTIONS (SEGMENT 1- SHEET 10)
13. CROSS SECTIONS (SEGMENT 1- SHEET 11)
14. CROSS SECTIONS (SEGMENT 1- SHEET 12)
15. CROSS SECTIONS (SEGMENT 1- SHEET 13)
16. CROSS SECTIONS (SEGMENT 1- SHEET 14)
17. CROSS SECTIONS (SEGMENT 1- SHEET 15)
18. CROSS SECTIONS (SEGMENT 1- SHEET 16)
19. CROSS SECTIONS (SEGMENT 1- SHEET 17)
20. CROSS SECTIONS (SEGMENT 1- SHEET 18)
21. CROSS SECTIONS (SEGMENT 1- SHEET 19)
22. CROSS SECTIONS (SEGMENT 1- SHEET 20)
23. CROSS SECTIONS (SEGMENT 1- SHEET 21)
24. CROSS SECTIONS (SEGMENT 1- SHEET 22)
25. CROSS SECTIONS (SEGMENT 1- SHEET 23)
26. CROSS SECTIONS (SEGMENT 1- SHEET 24)
27. CROSS SECTIONS (SEGMENT 1- SHEET 25)
28. CROSS SECTIONS (SEGMENT 1- SHEET 26)
29. CROSS SECTIONS (SEGMENT 1- SHEET 27)
30. CROSS SECTIONS (SEGMENT 1- SHEET 28)
31. CROSS SECTIONS (SEGMENT 1- SHEET 29)
32. CROSS SECTIONS (SEGMENT 1- SHEET 30)
33. CROSS SECTIONS (SEGMENT 1- SHEET 31)
34. CROSS SECTIONS (SEGMENT 1- SHEET 32)
35. CROSS SECTIONS (SEGMENT 1- SHEET 33)
36. CROSS SECTIONS (SEGMENT 1- SHEET 34)
37. CROSS SECTIONS (SEGMENT 1- SHEET 35)
38. CROSS SECTIONS (SEGMENT 1- SHEET 36)
39. CROSS SECTIONS (SEGMENT 1- SHEET 37)
40. CROSS SECTIONS (SEGMENT 1-SHEET 38)
41. CROSS SECTIONS (SEGMENT 1- SHEET 39)
42. CROSS SECTIONS (SEGMENT 1- SHEET 40)
43. CROSS SECTIONS (SEGMENT 1- SHEET 41)
44. CROSS SECTIONS (SEGMENT 1- SHEET 42)
45. CROSS SECTIONS (SEGMENT 1- SHEET 43)
46. CROSS SECTIONS (SEGMENT 1- SHEET 44)
47. CROSS SECTIONS (SEGMENT 1- SHEET 45)
48. CROSS SECTIONS (SEGMENT 1- SHEET 46)
49. CROSS SECTIONS (SEGMENT 1- SHEET 47)
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51. CROSS SECTIONS (SEGMENT 1- SHEET 49)
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59. CROSS SECTIONS (SEGMENT 1- SHEET 57)
60. CROSS SECTIONS (SEGMENT 1- SHEET 58)
61. CROSS SECTIONS (SEGMENT 1- SHEET 59)
62. CROSS SECTIONS (SEGMENT 1- SHEET 60)
63. CROSS SECTIONS (SEGMENT 1- SHEET 61)
64. CROSS SECTIONS (SEGMENT 1- SHEET 62)
65. CROSS SECTIONS (SEGMENT 1- SHEET 63)
66. CROSS SECTIONS (SEGMENT 1- SHEET 64)
67. CROSS SECTIONS (SEGMENT 1- SHEET 65)
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69. CROSS SECTIONS (SEGMENT 1- SHEET 67)
70. CROSS SECTIONS (SEGMENT 1- SHEET 68)
71. CROSS SECTIONS (SEGMENT 1- SHEET 69)
72. CROSS SECTIONS (SEGMENT 2- SHEET 1)
73. CROSS SECTIONS (SEGMENT 2- SHEET 2)
74. CROSS SECTIONS (SEGMENT 2- SHEET 3)
75. CROSS SECTIONS (SEGMENT 2- SHEET 4)
76. CROSS SECTIONS (SEGMENT 2- SHEET 5)
77. CROSS SECTIONS (SEGMENT 2- SHEET 6)
78. CROSS SECTIONS (SEGMENT 2- SHEET 7)
79. CROSS SECTIONS (SEGMENT 2- SHEET 8)
80. CROSS SECTIONS (SEGMENT 2- SHEET 9)
81. CROSS SECTIONS (SEGMENT 2- SHEET 10)
82. CROSS SECTIONS (SEGMENT 2- SHEET 11)
83. CROSS SECTIONS (SEGMENT 2- SHEET 12)
84. CROSS SECTIONS (SEGMENT 2- SHEET 13)
85. CROSS SECTIONS (SEGMENT 2- SHEET 14)
86. CROSS SECTIONS (SEGMENT 2- SHEET 15)
87. CROSS SECTIONS (SEGMENT 2- SHEET 16)
88. CROSS SECTIONS (SEGMENT 2- SHEET 17)
89. CROSS SECTIONS (SEGMENT 2- SHEET 18)
90. CROSS SECTIONS (SEGMENT 2- SHEET 19)
91. CROSS SECTIONS (SEGMENT 2- SHEET 20)
92. CROSS SECTIONS (SEGMENT 2- SHEET 21)
93. CROSS SECTIONS (SEGMENT 2- SHEET 22)
94. CROSS SECTIONS (SEGMENT 2- SHEET 23)
95. CROSS SECTIONS (SEGMENT 2- SHEET 24)
96. CROSS SECTIONS (SEGMENT 2- SHEET 25)
97. CROSS SECTIONS (SEGMENT 2- SHEET 26)
98. CROSS SECTIONS (SEGMENT 2- SHEET 27)
99. CROSS SECTIONS (SEGMENT 2- SHEET 28)
100. CROSS SECTIONS (SEGMENT 2- SHEET 29)
101. CROSS SECTIONS (SEGMENT 2- SHEET 30)
102. CROSS SECTIONS (SEGMENT 2- SHEET 31)
103. CROSS SECTIONS (SEGMENT 2- SHEET 32)
104. CROSS SECTIONS (SEGMENT 2- SHEET 33)
105. CROSS SECTIONS (SEGMENT 2- SHEET 34)
106. CROSS SECTIONS (SEGMENT 2- SHEET 35)
107. CROSS SECTIONS (SEGMENT 2- SHEET 36)
108. CROSS SECTIONS (SEGMENT 2- SHEET 37)
109. CROSS SECTIONS (SEGMENT 2- SHEET 38)
110. CROSS SECTIONS (SEGMENT 2- SHEET 39)
111. CROSS SECTIONS (SEGMENT 2- SHEET 40)
112. CROSS SECTIONS (SEGMENT 2- SHEET 41)
113. CROSS SECTIONS (SEGMENT 2- SHEET 42)
114. CROSS SECTIONS (SEGMENT 2- SHEET 43)
115. CROSS SECTIONS (SEGMENT 2- SHEET 44)
116. CROSS SECTIONS (SEGMENT 2- SHEET 45)
117. CROSS SECTIONS (SEGMENT 2- SHEET 46)
118. CROSS SECTIONS (SEGMENT 2- SHEET 47)
119. CROSS SECTIONS (SEGMENT 2- SHEET 48)
120. CROSS SECTIONS (SEGMENT 2- SHEET 49)
121. CROSS SECTIONS (SEGMENT 2- SHEET 50)
122. CROSS SECTIONS (SEGMENT 2- SHEET 51)
123. CROSS SECTIONS (SEGMENT 2- SHEET 52)
124. CROSS SECTIONS (SEGMENT 2- SHEET 53)
125. CROSS SECTIONS (SEGMENT 2- SHEET 54)
126. CROSS SECTIONS (SEGMENT 2- SHEET 55)

PROGRESS SET AS OF STOP WORK ORDER DATE 6/10/02

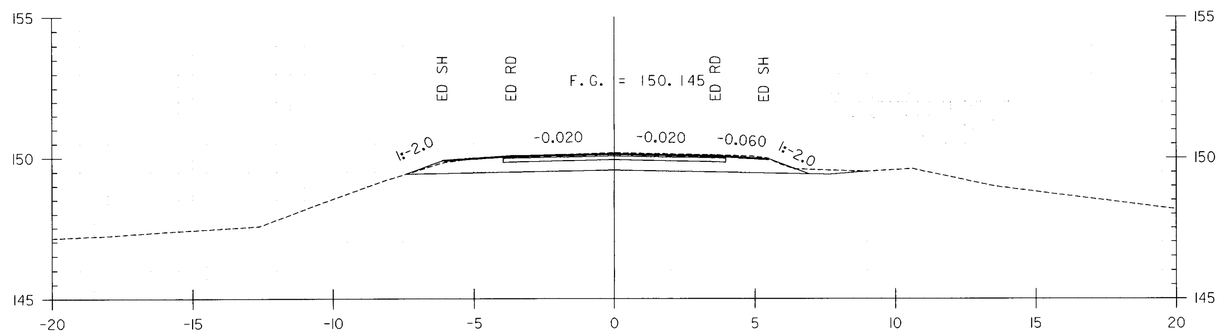
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SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: M.C. McINTOSH
	SHEET: 2 OF 92



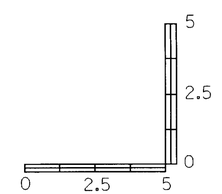
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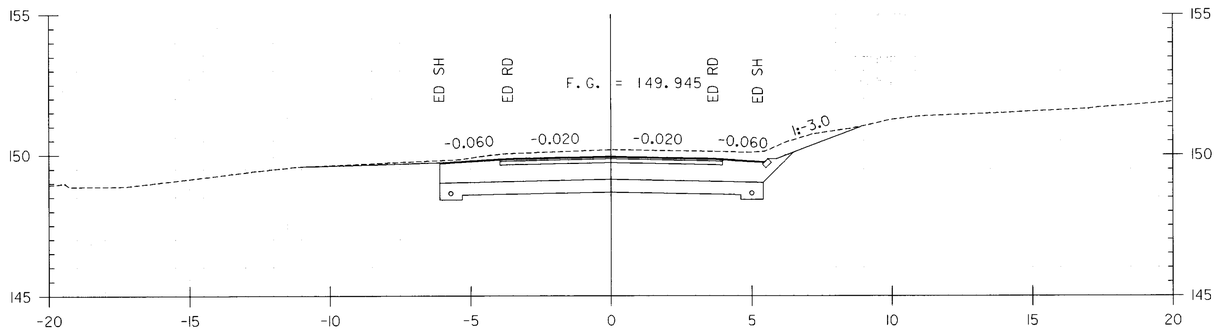
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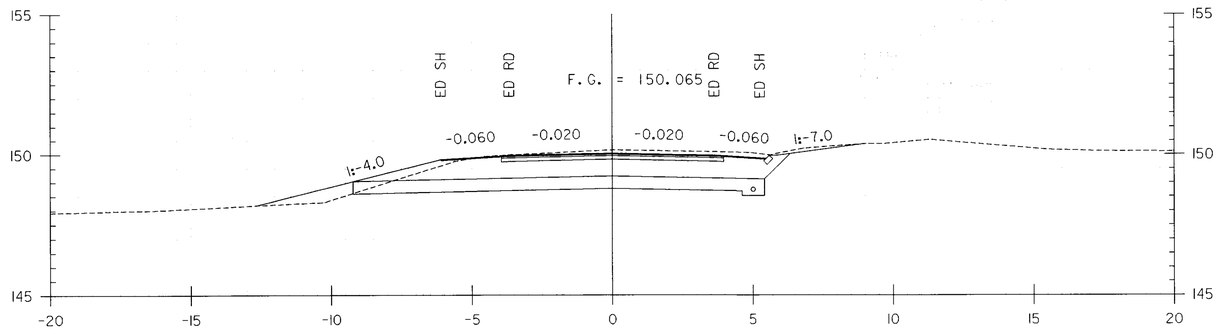
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
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IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106

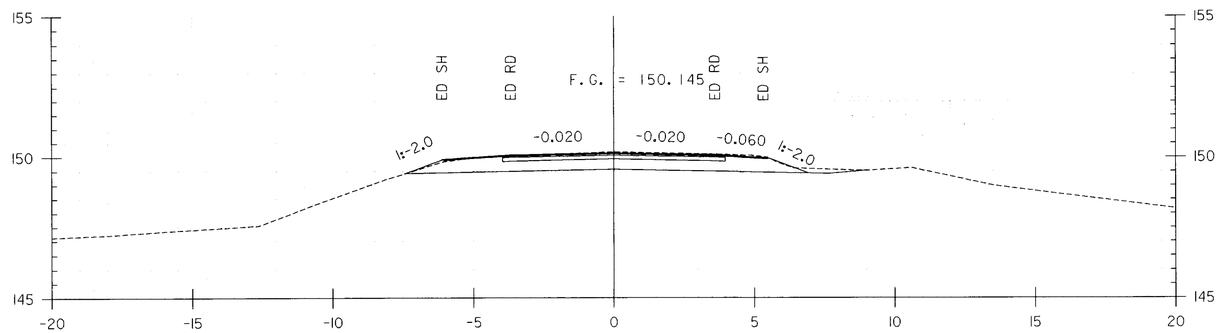
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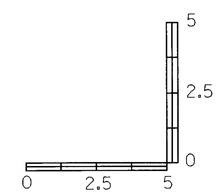
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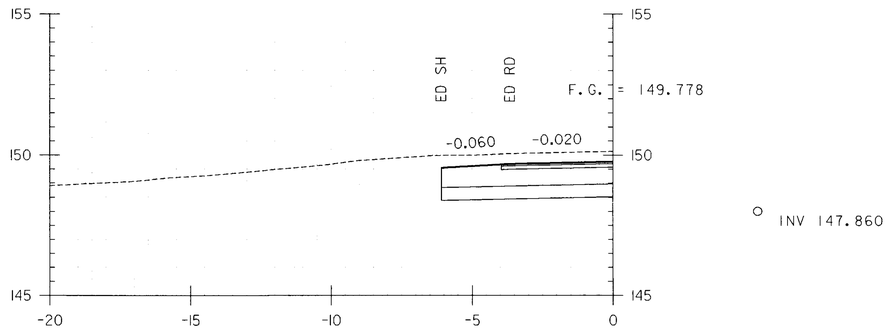


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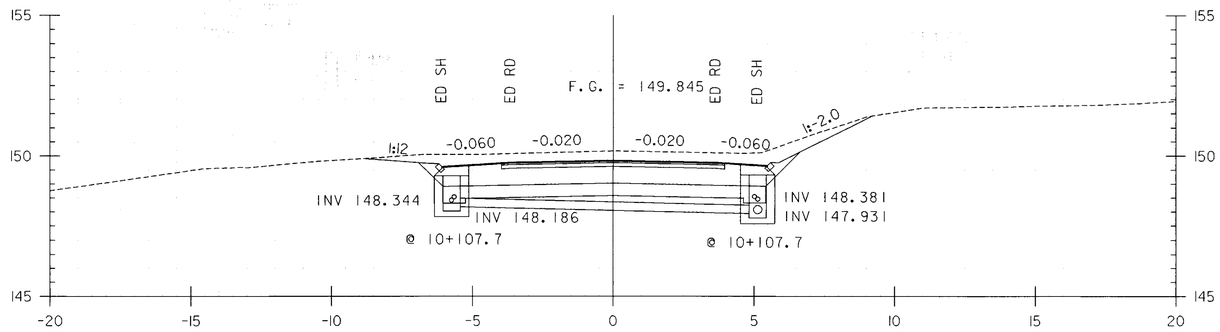
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HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

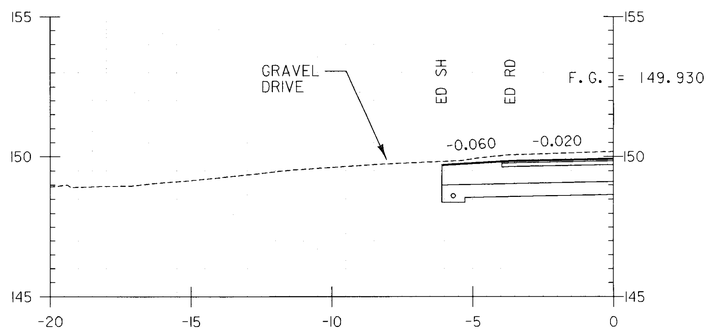
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



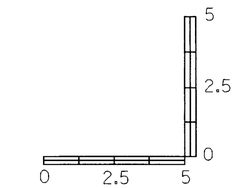
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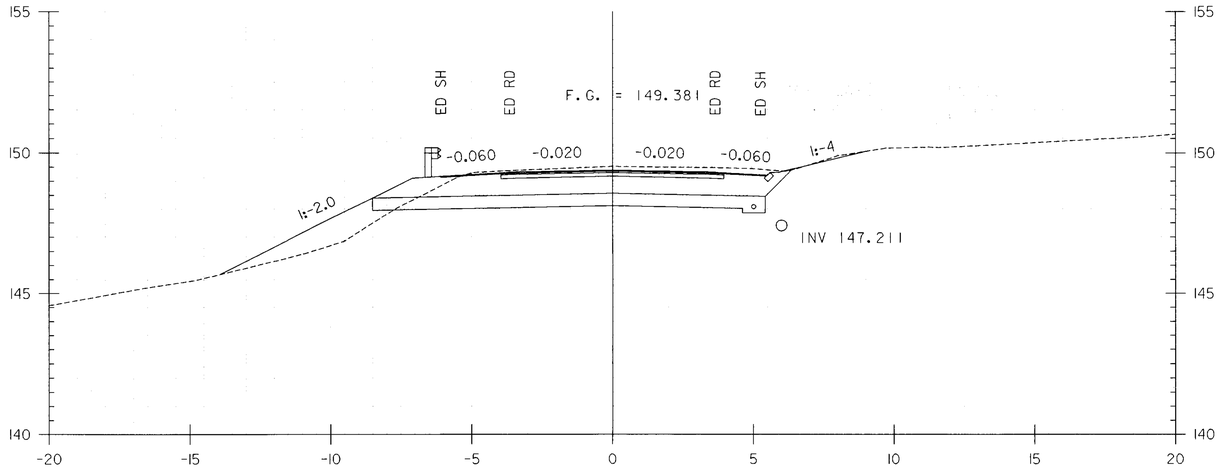


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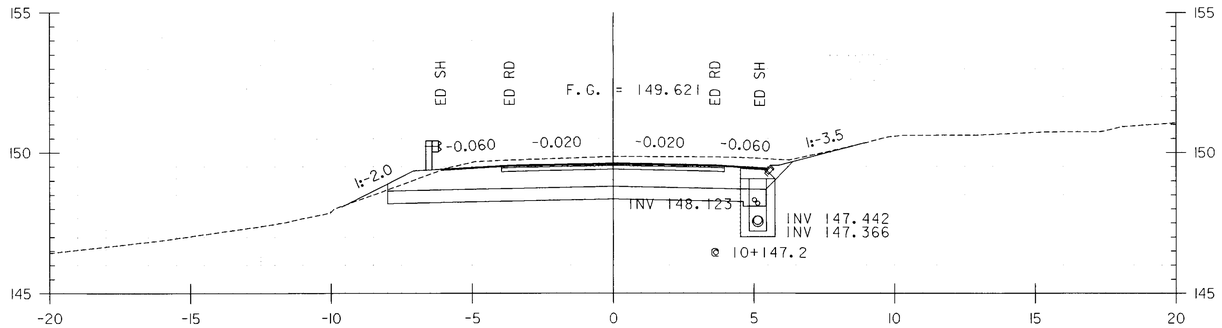
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

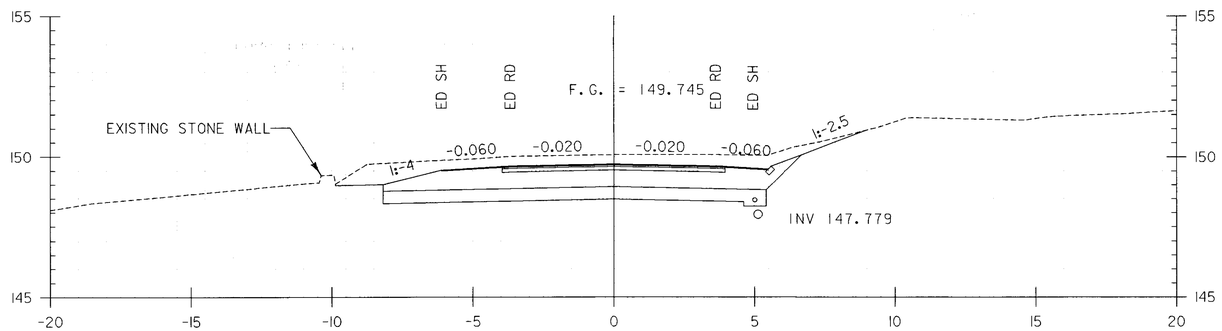
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



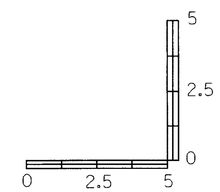
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10+140.000



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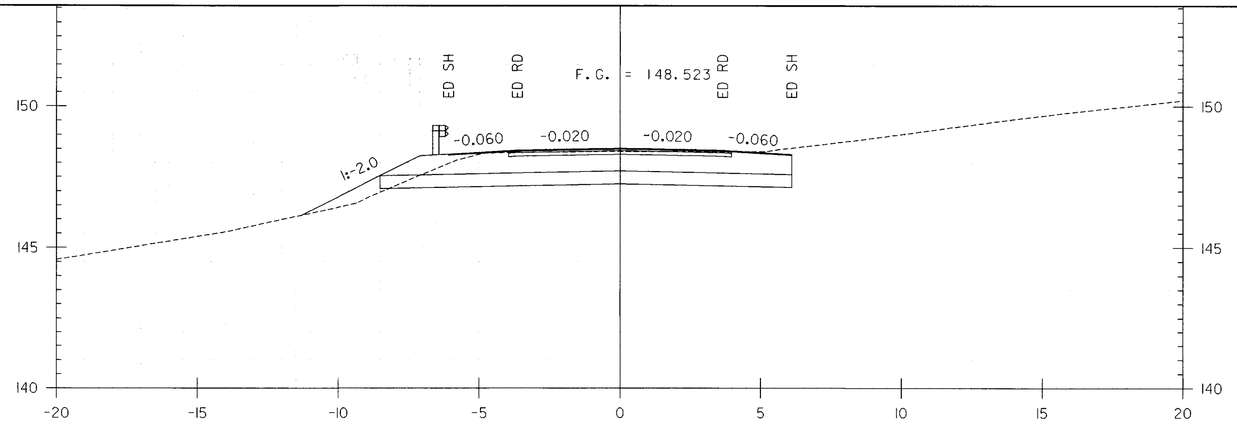


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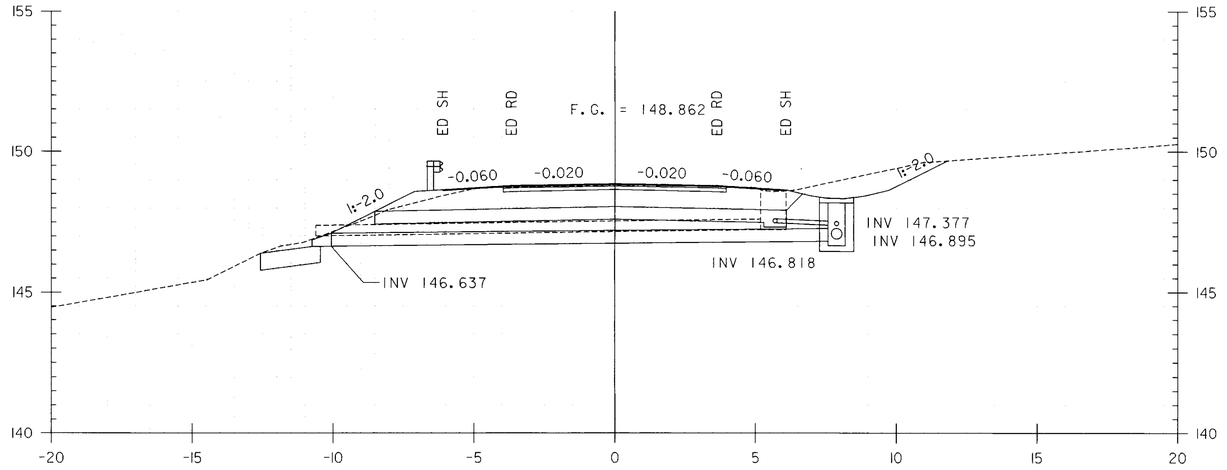
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

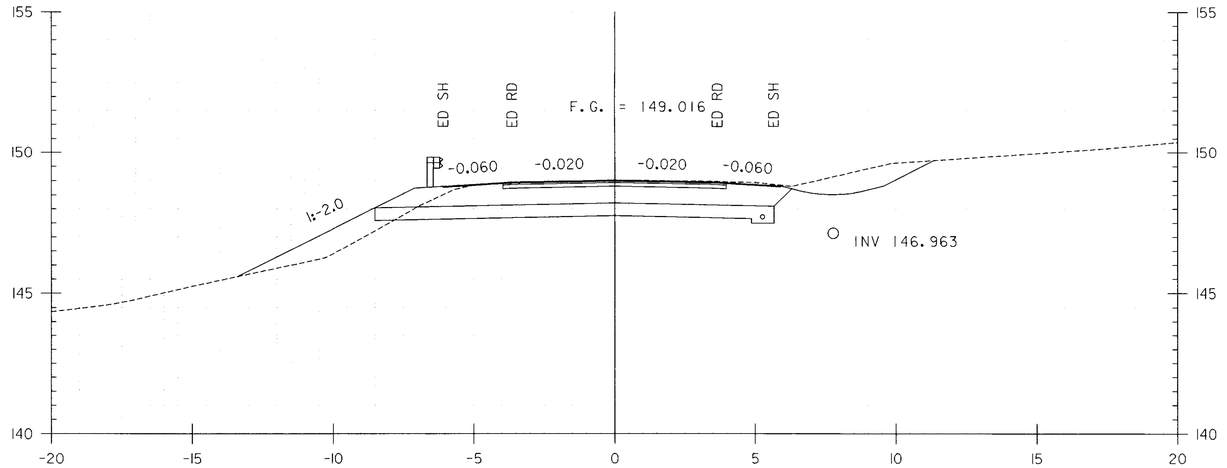
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



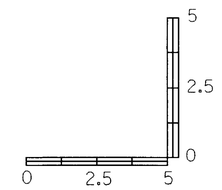
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10+186.800
320mm RCP



10+180.000



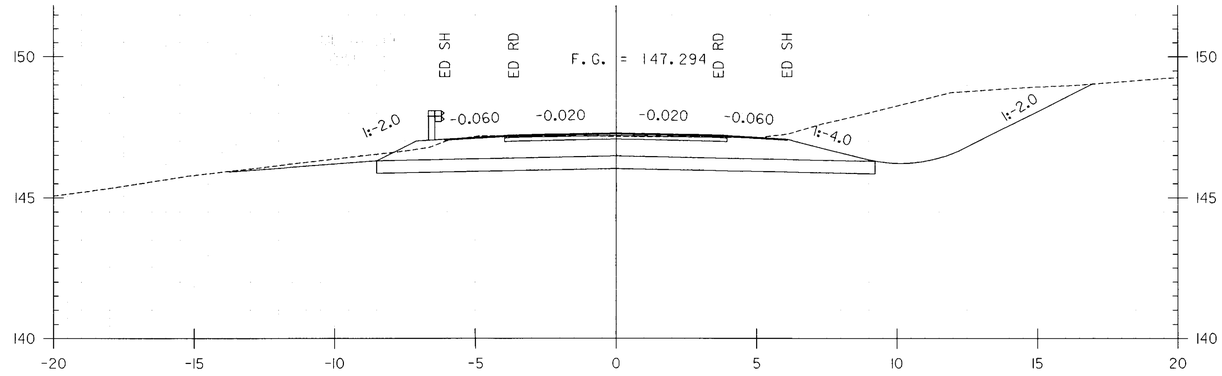
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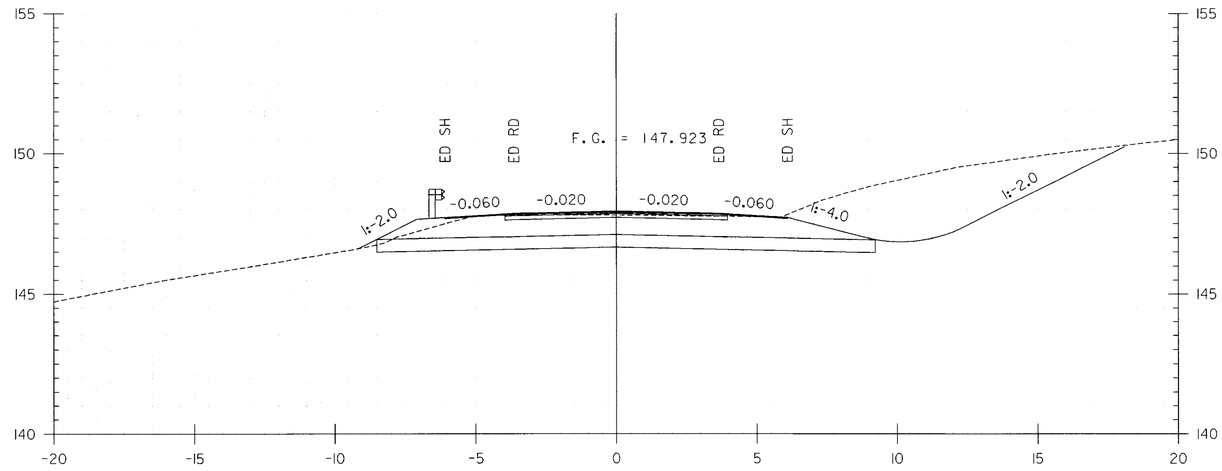
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

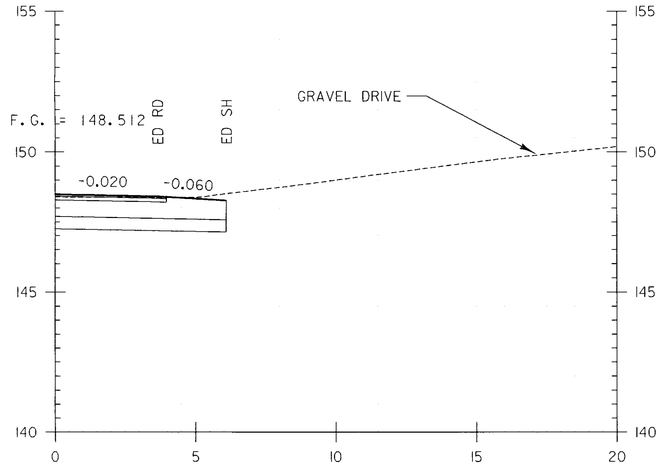
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SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



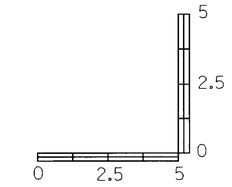
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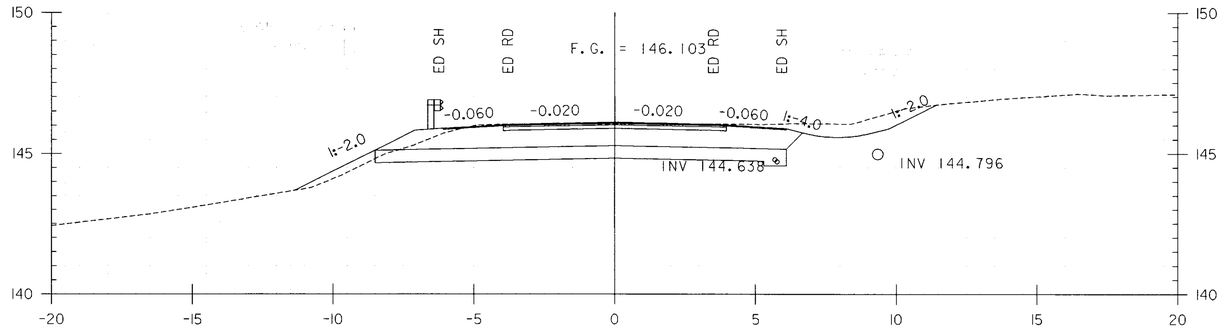


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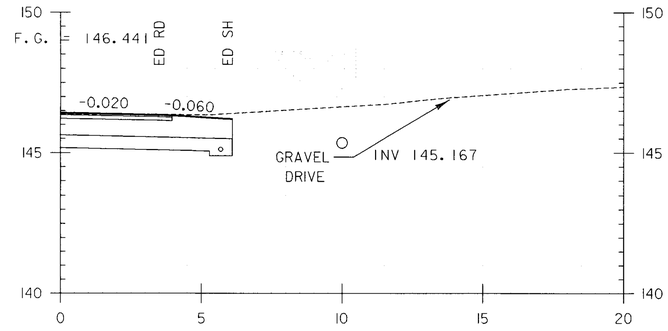
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

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BRANDON-LEICESTER	FEGC F 019-3 (29)

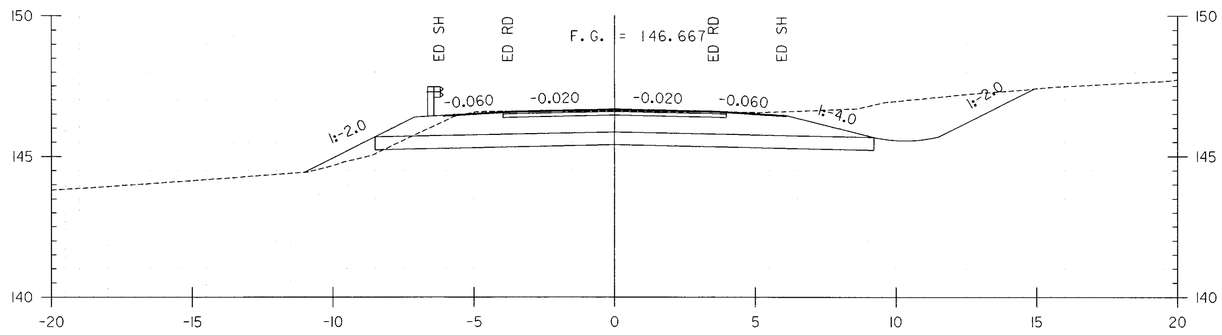
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SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



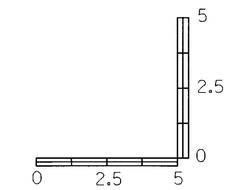
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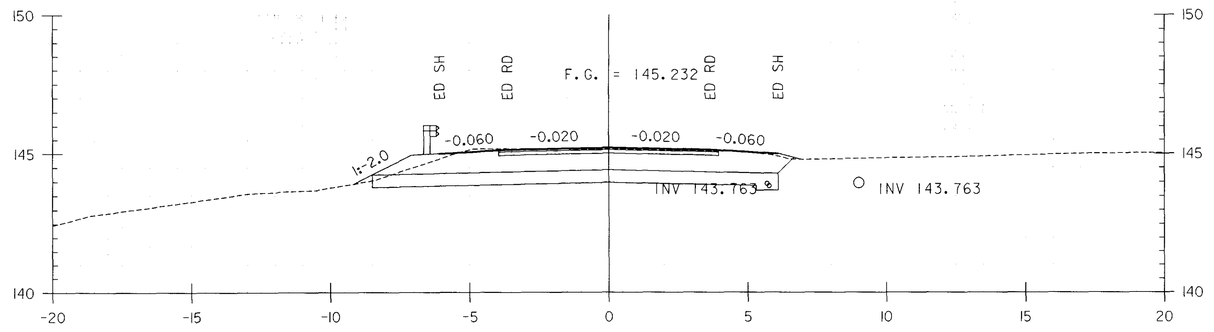
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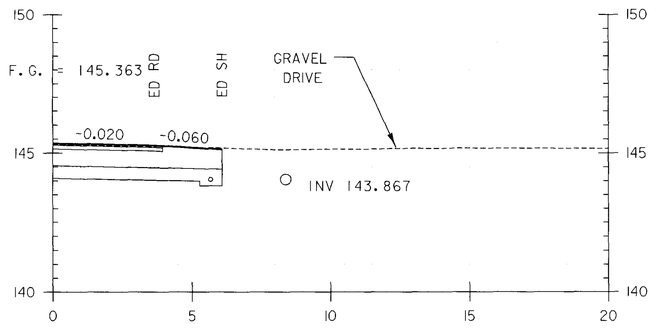
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

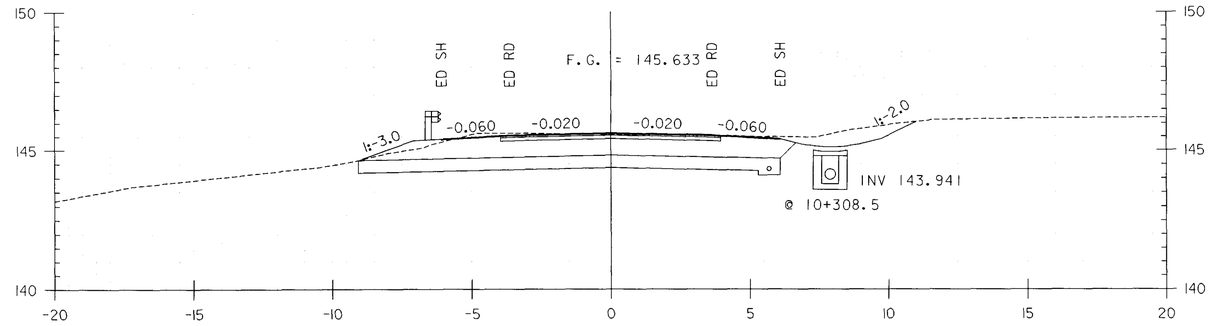
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SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



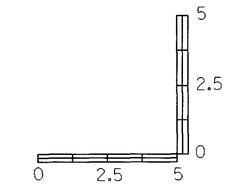
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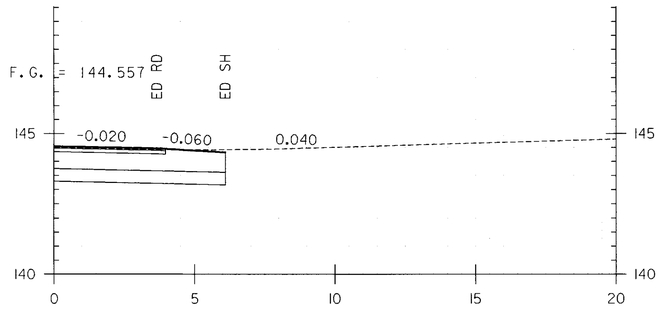
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DATUM	
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HORIZONTAL	NAD 83

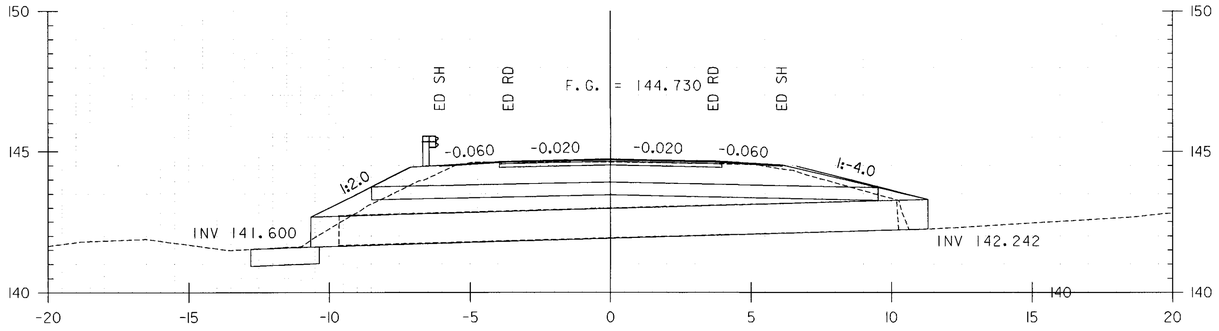
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SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106

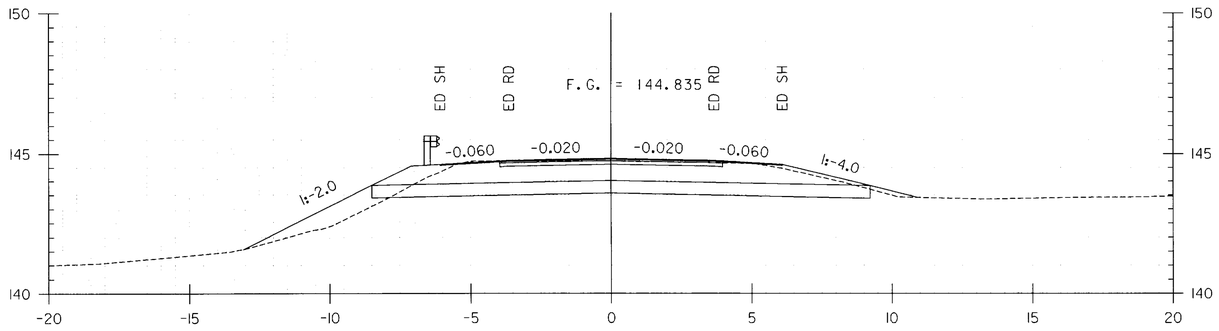
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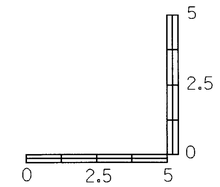
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10+345.300
1220 X 1524 BC SKEW @ 4 RT



10+340.000



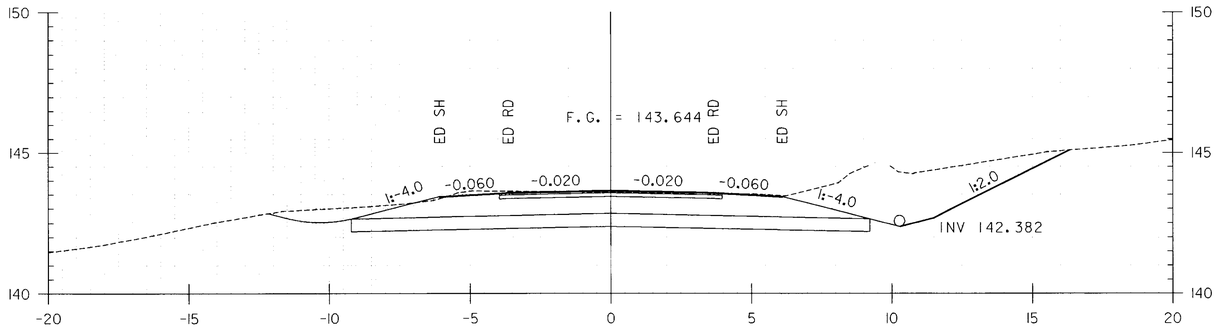
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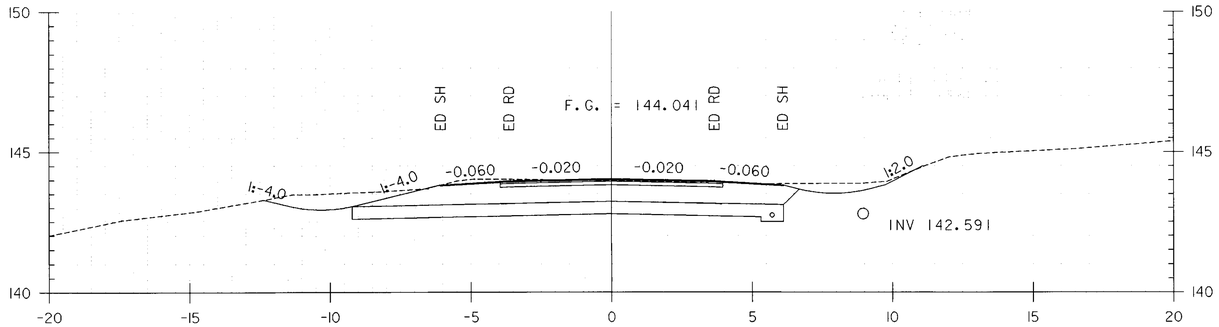
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

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BRANDON-LEICESTER	FEGC F 019-3 (29)

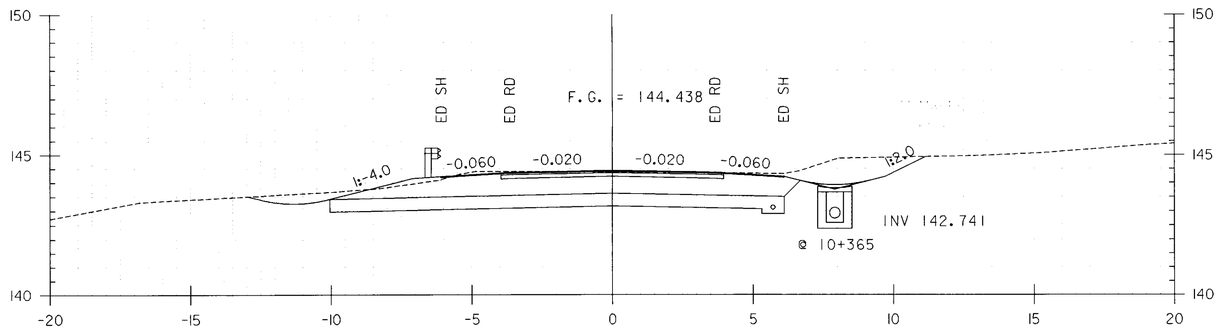
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SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



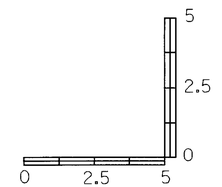
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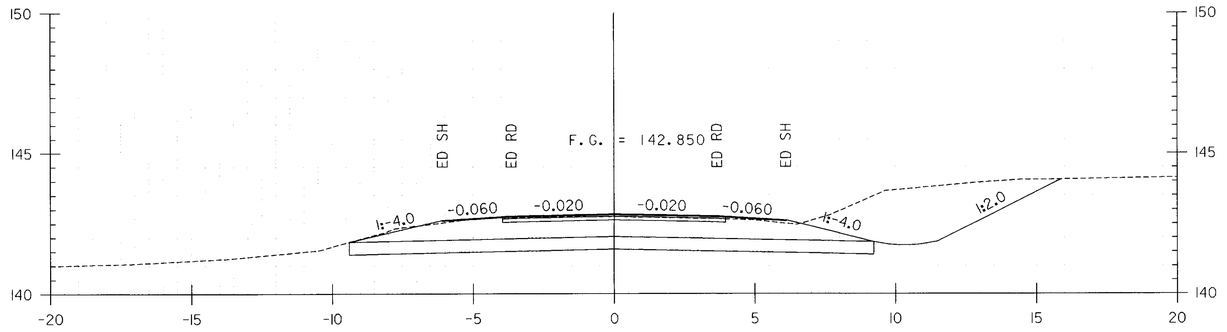


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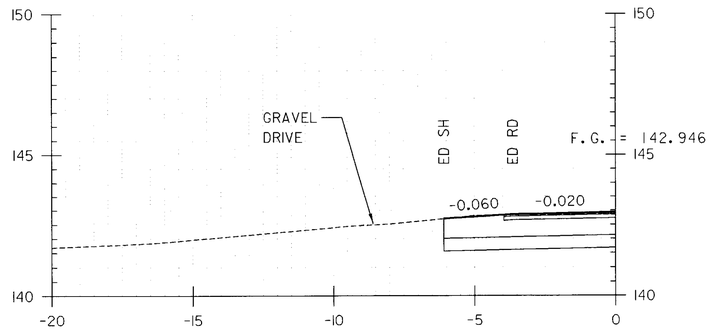
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

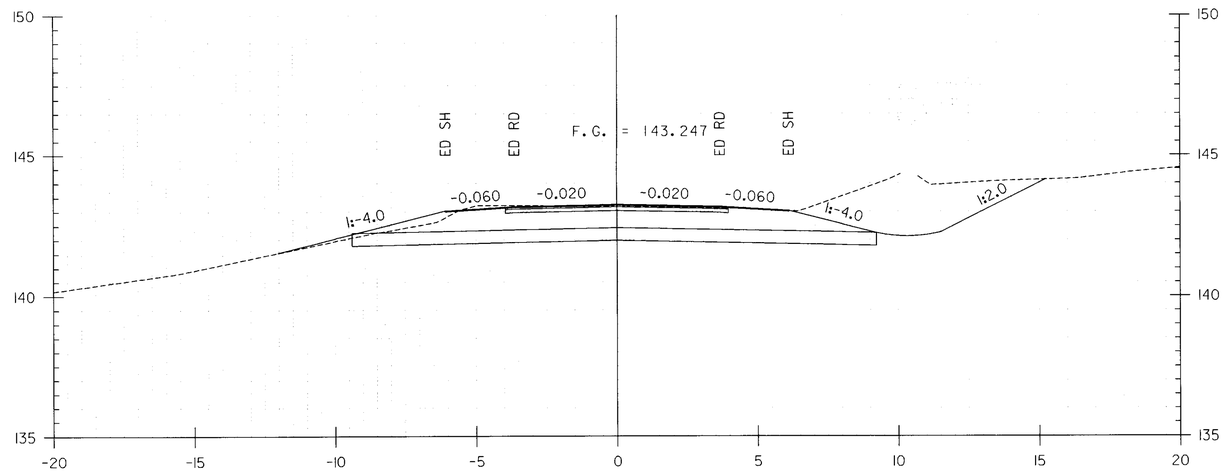
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



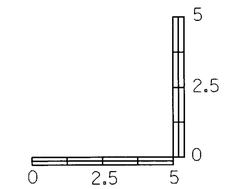
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10+435.200



10+420.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

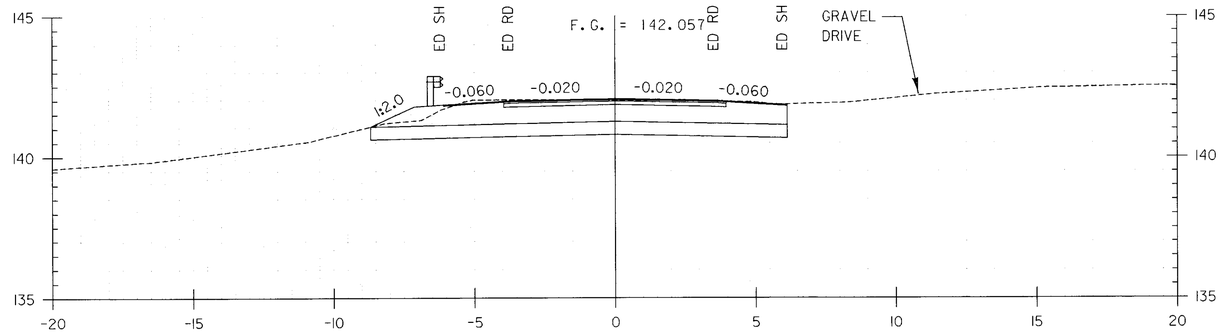
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

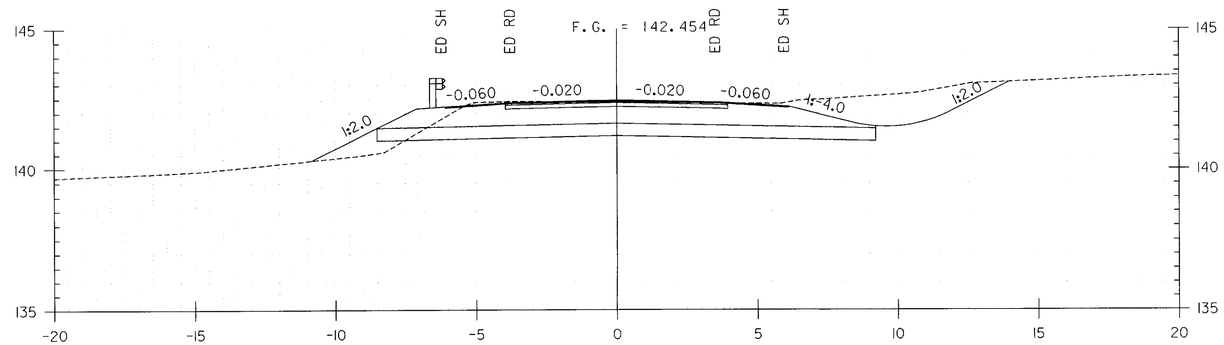
PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

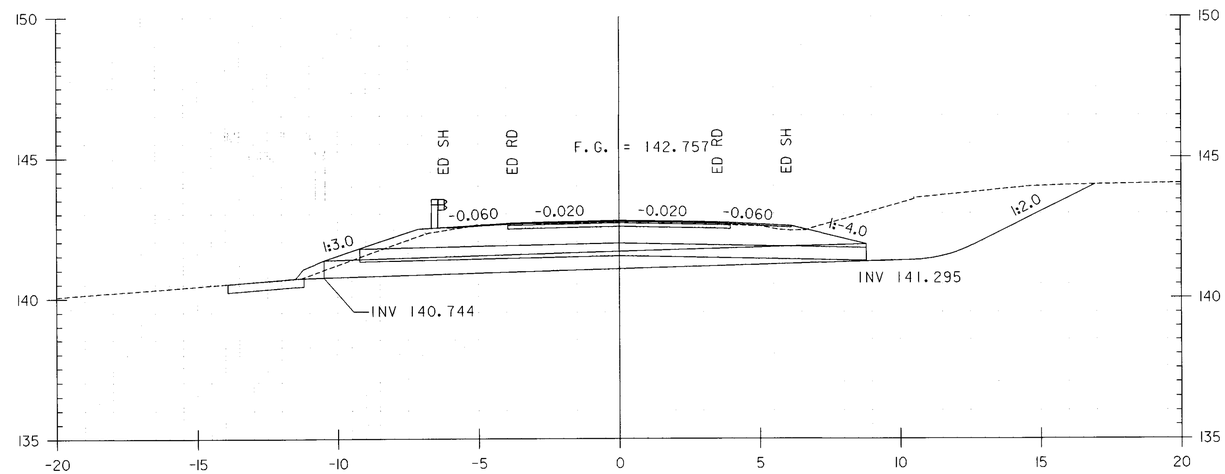
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



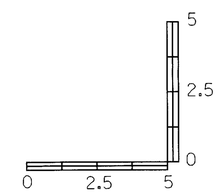
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10+460.000



10+444.700

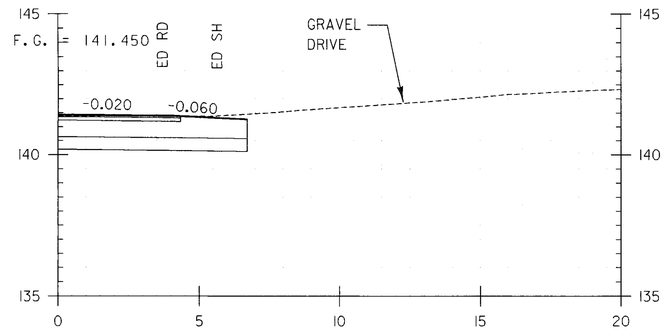


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VERTICAL SCALE = 1:100

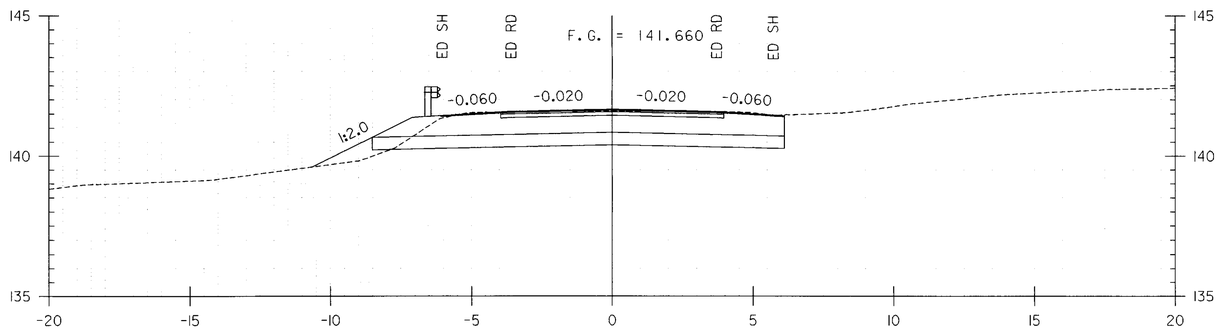
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

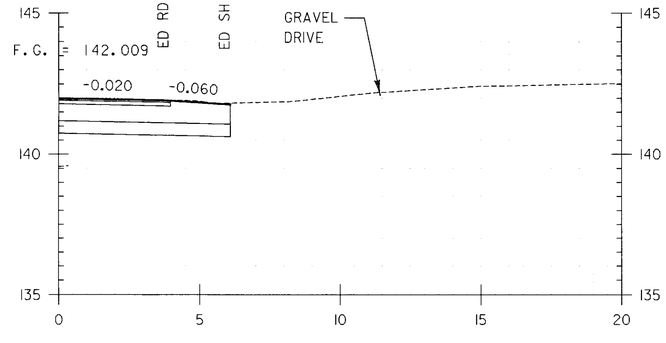
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



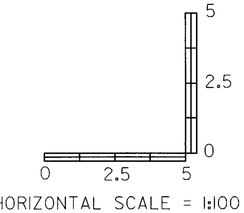
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10+500.000



10+482.400



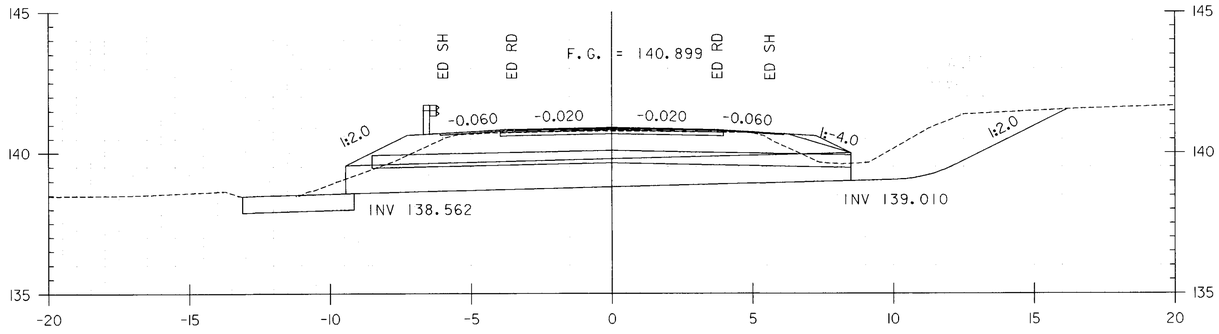
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VERTICAL SCALE = 1:100

DATUM

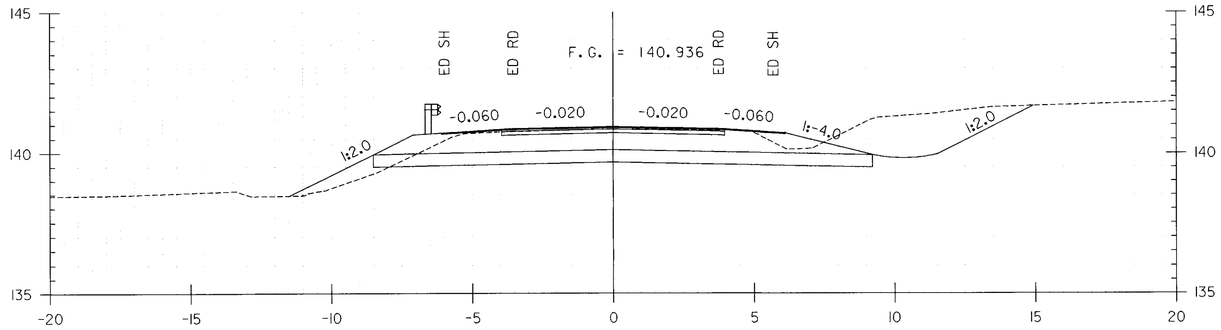
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

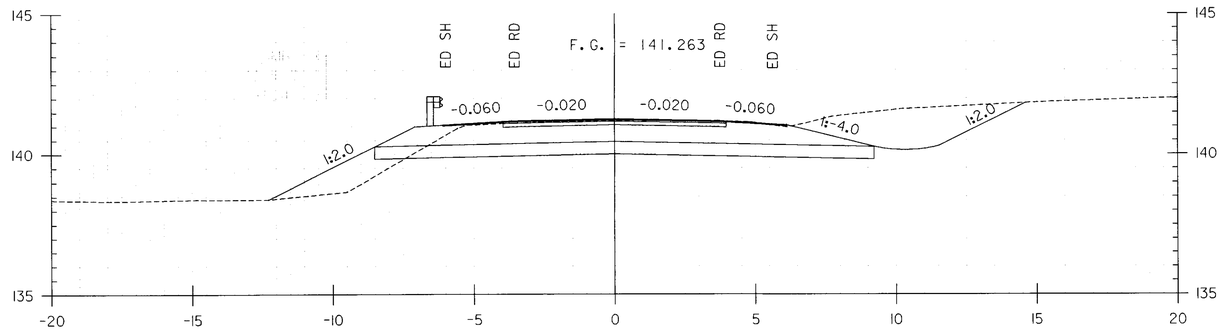
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



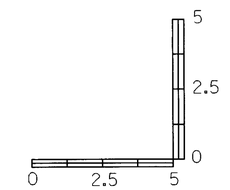
10+543.300
360mm PVC SKEW @ 13 LT



10+540.000



10+520.000



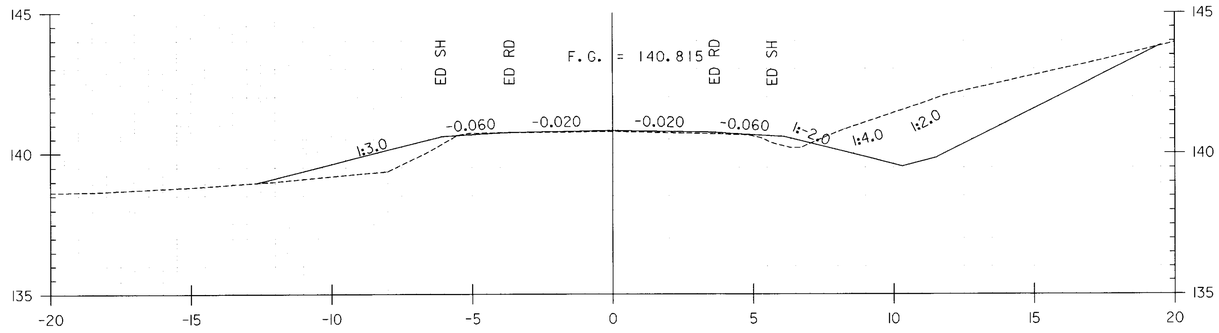
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DATUM

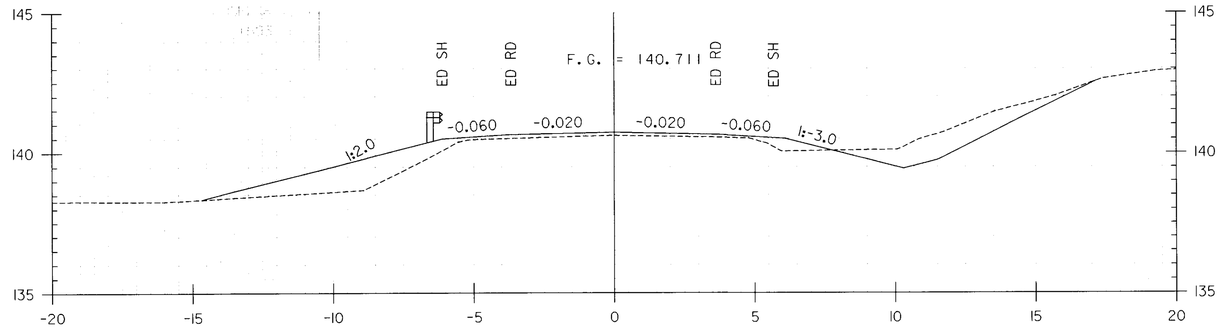
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

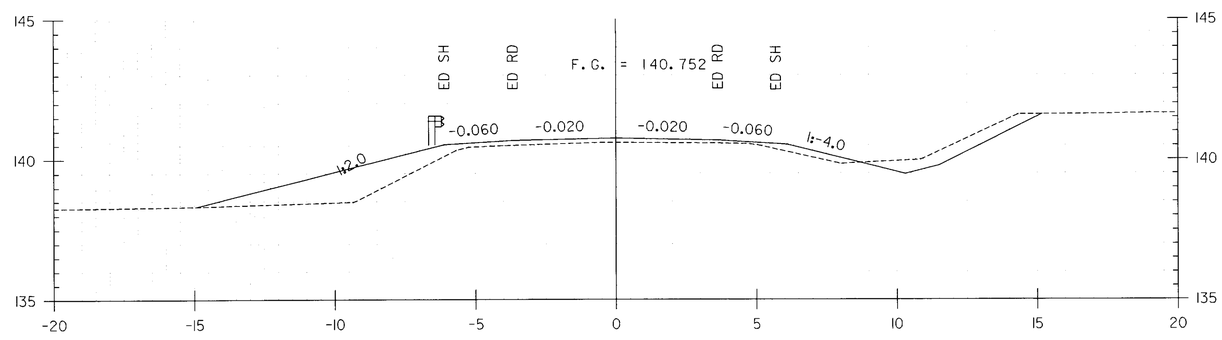
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



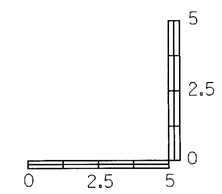
10+600.000



10+580.000



10+560.000

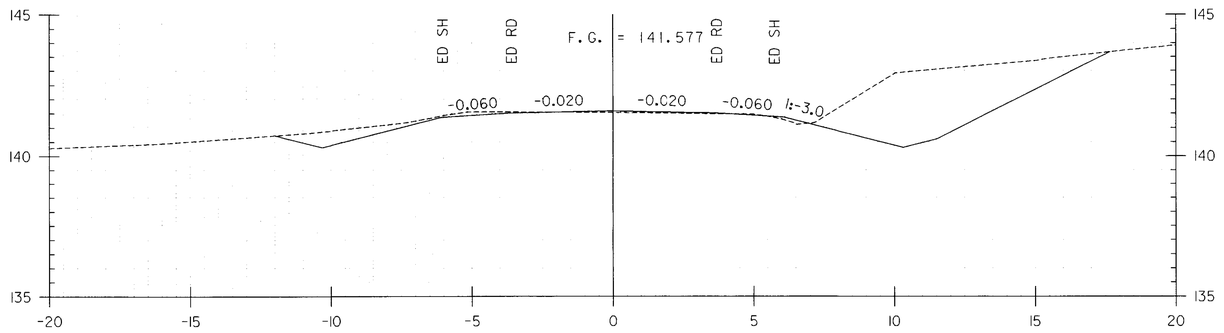


HORIZONTAL SCALE = 1:100
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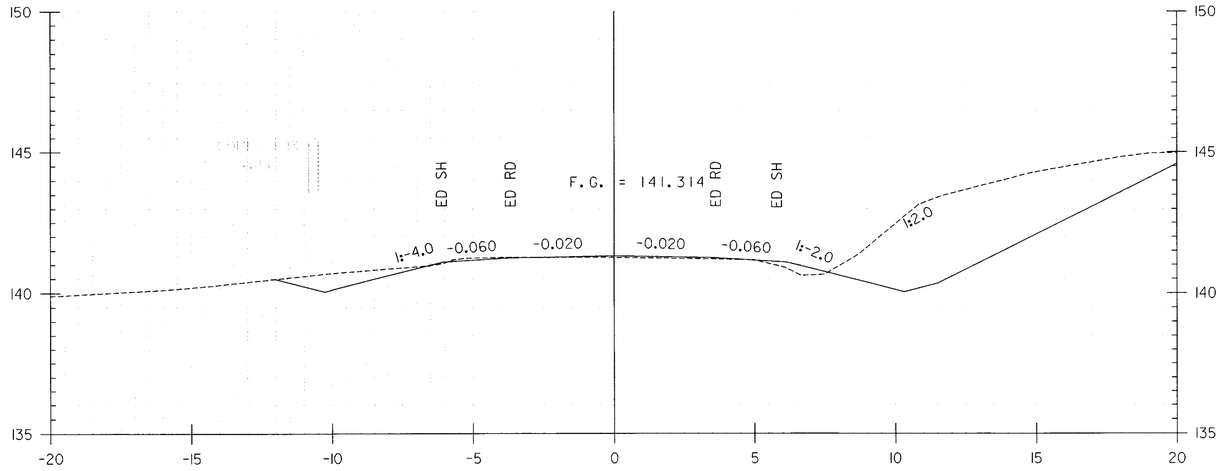
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

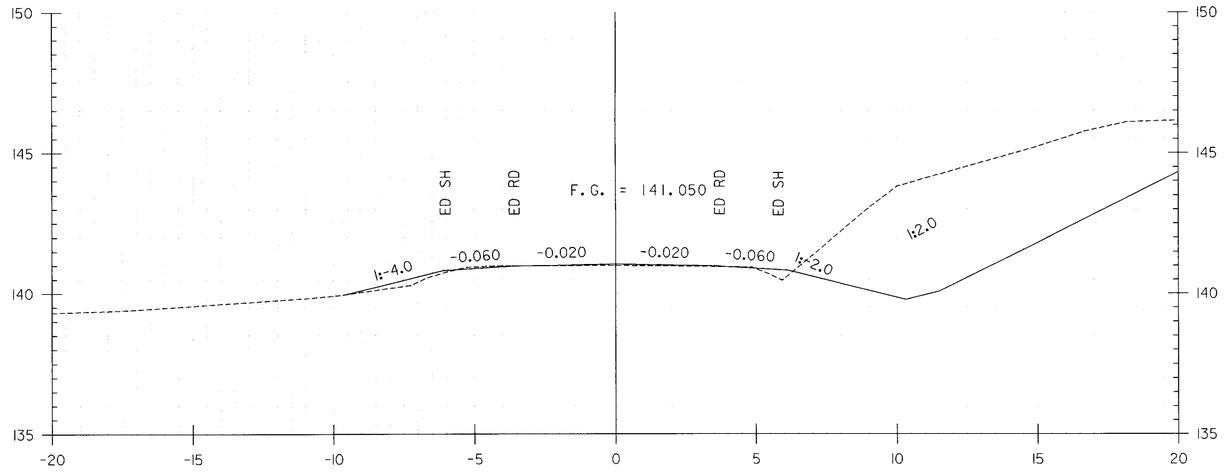
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



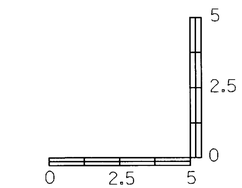
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10+640.000



10+620.000

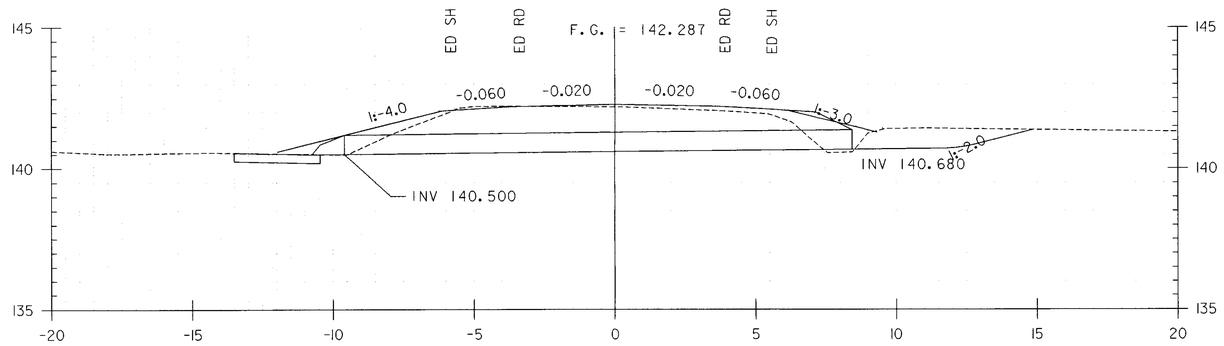


HORIZONTAL SCALE = 1:100
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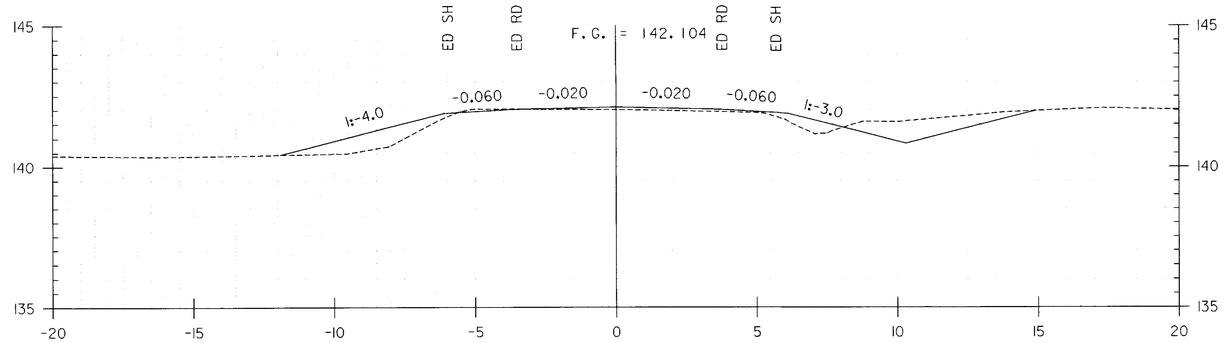
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

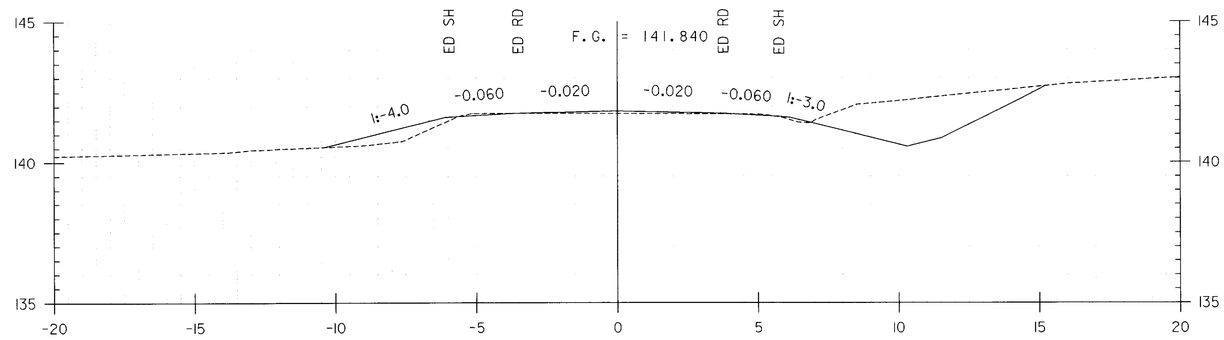
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



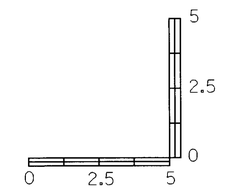
10+712.900



10+700.000



10+680.000



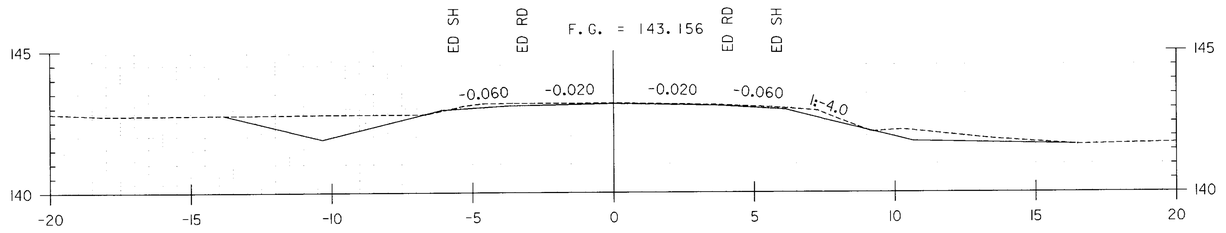
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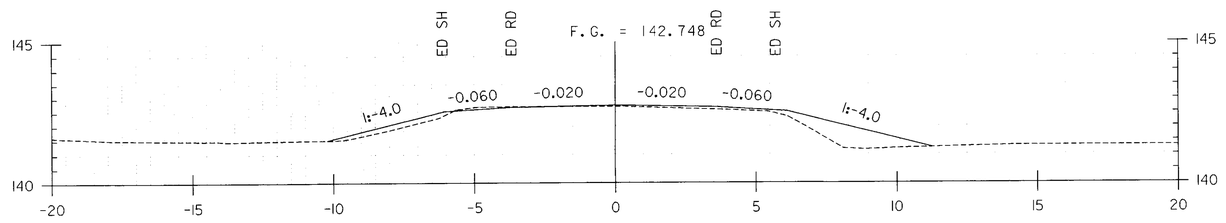
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

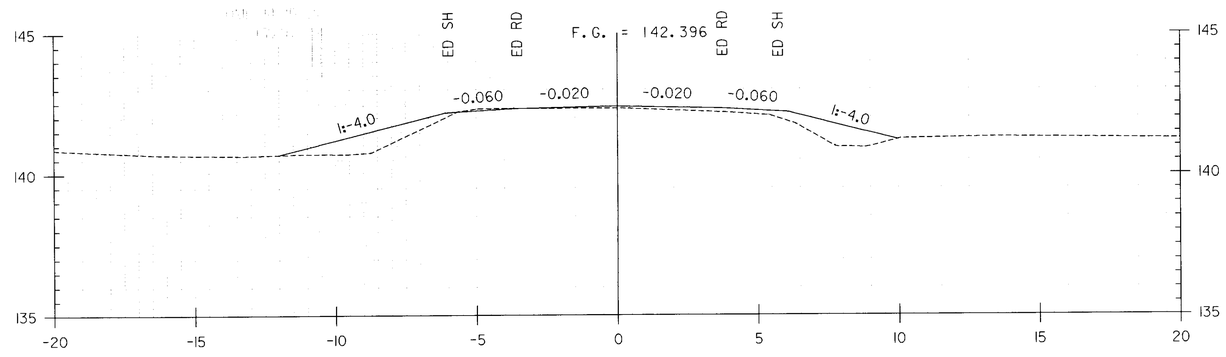
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



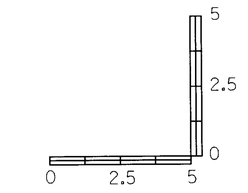
10+760.000



10+740.000



10+720.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0

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SURVEYED BY: VAOT

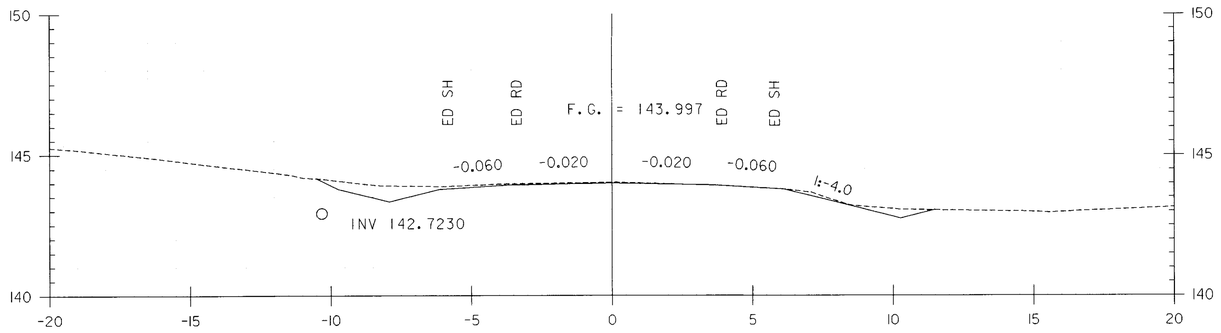
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PLOT DATE: 07/19/2002

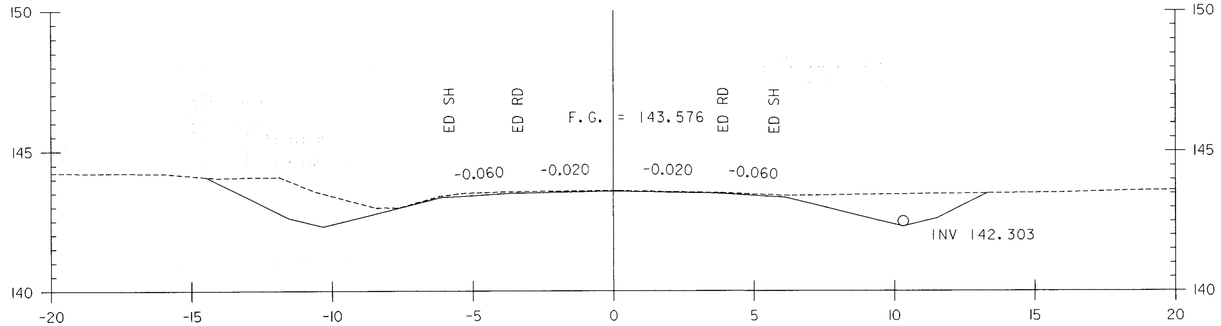
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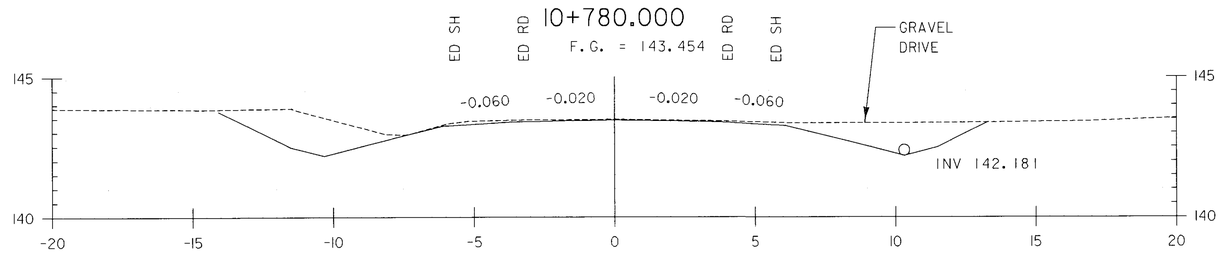
DRAWN BY: C.SZCZEPANSKI

SHEET: 53 OF 106

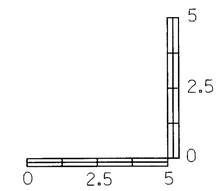


10+800.000





10+774.200

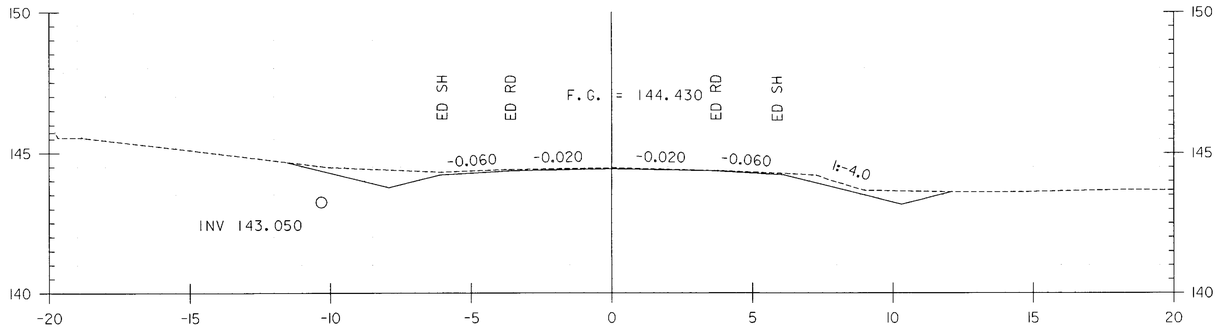


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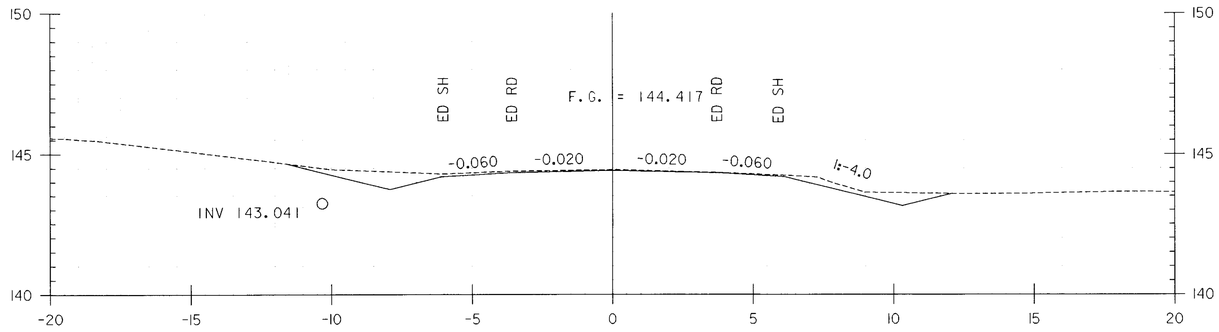
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

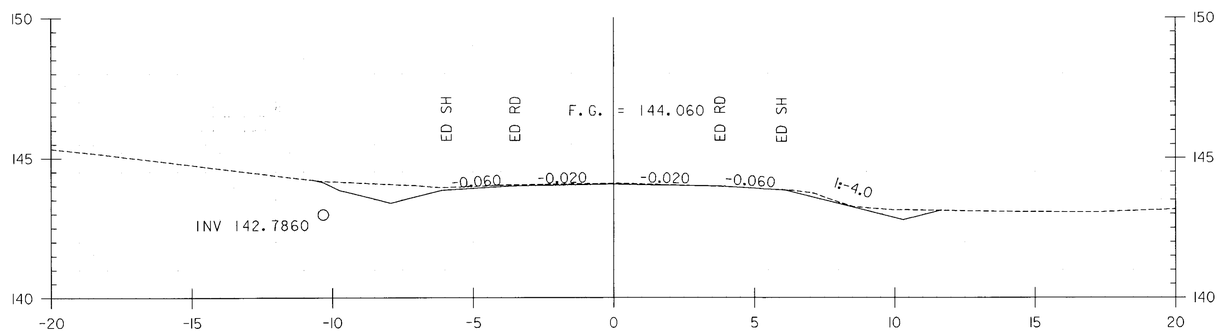
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



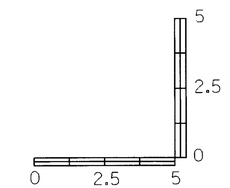
10+820.600



10+820.000



10+803.000

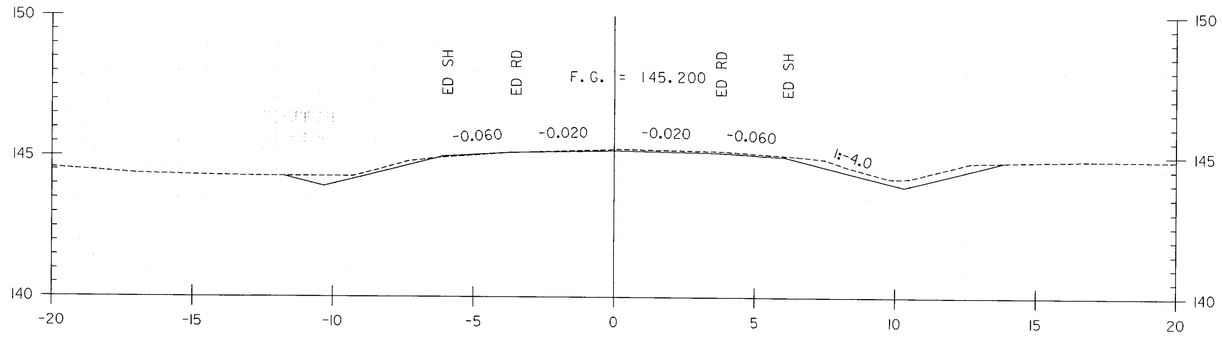


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

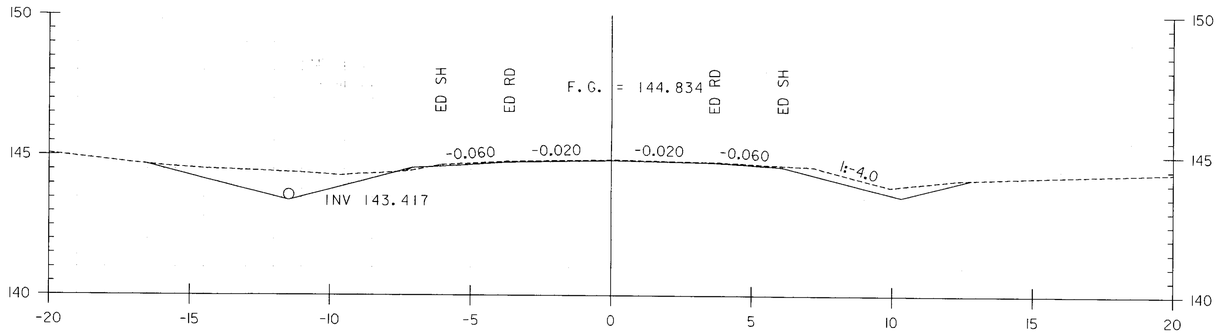
DATUM

VERTICAL	NAVD 88
HORIZONTAL	NAD 83

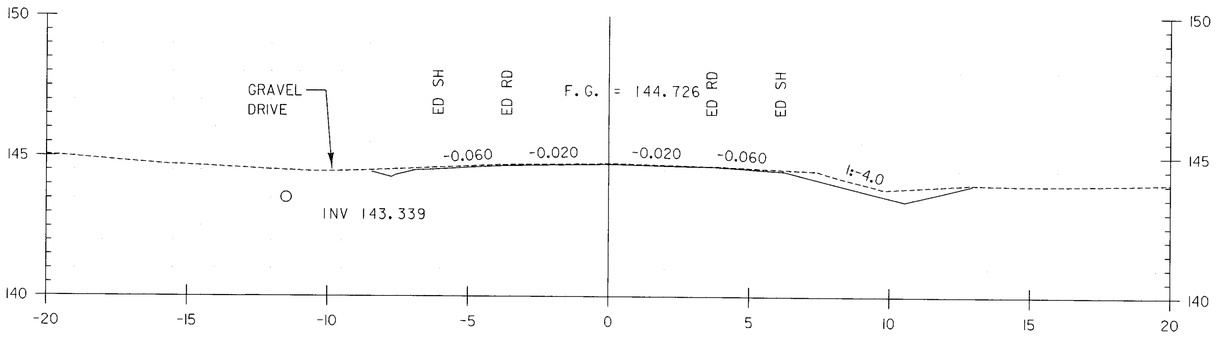
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



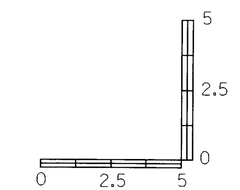
10+860.000



10+840.000



10+834.801



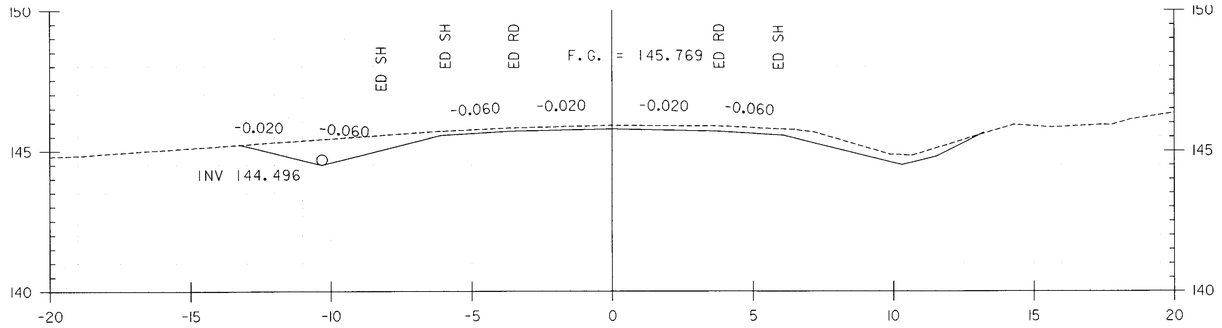
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VERTICAL SCALE = 1:100

DATUM

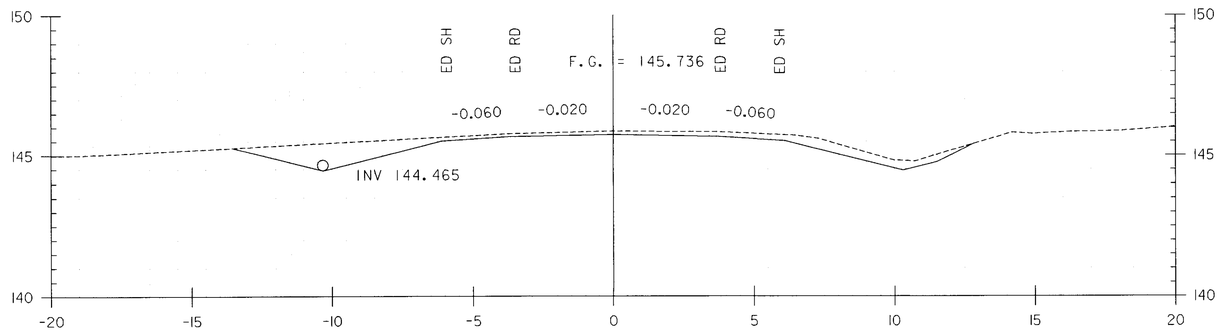
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

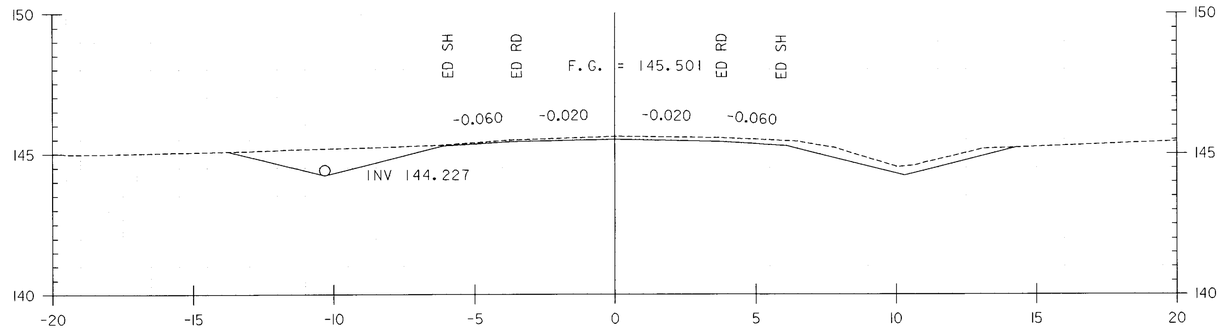
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



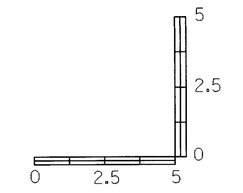
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10+900.000



10+880.000

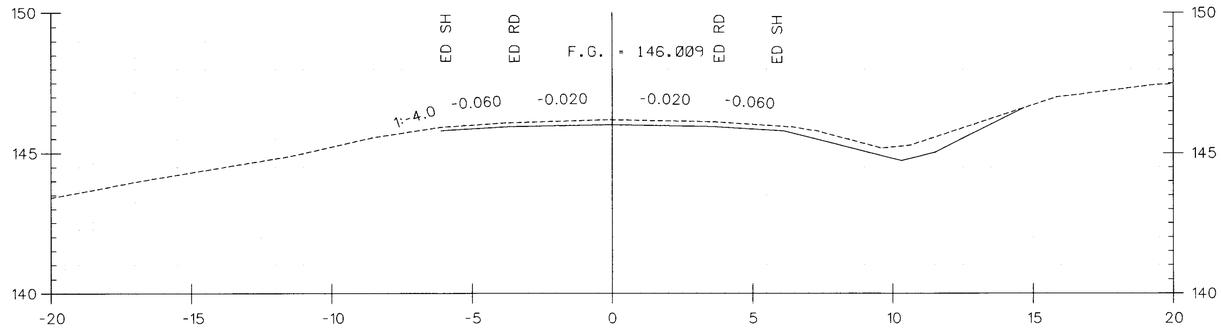


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

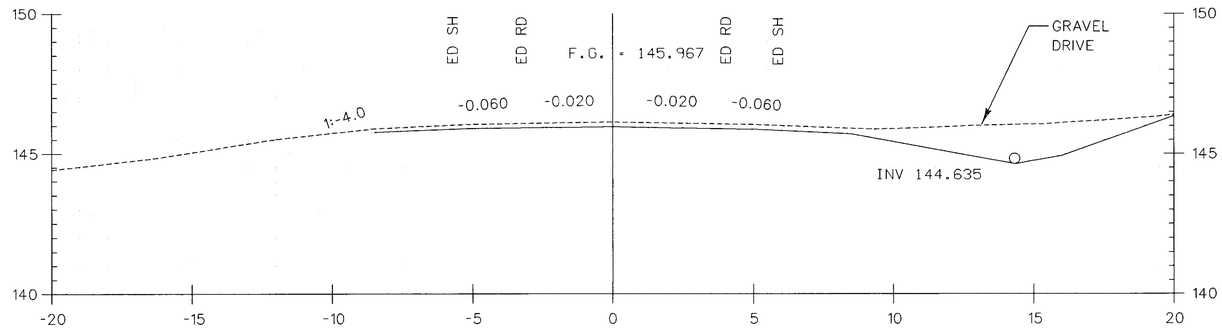
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

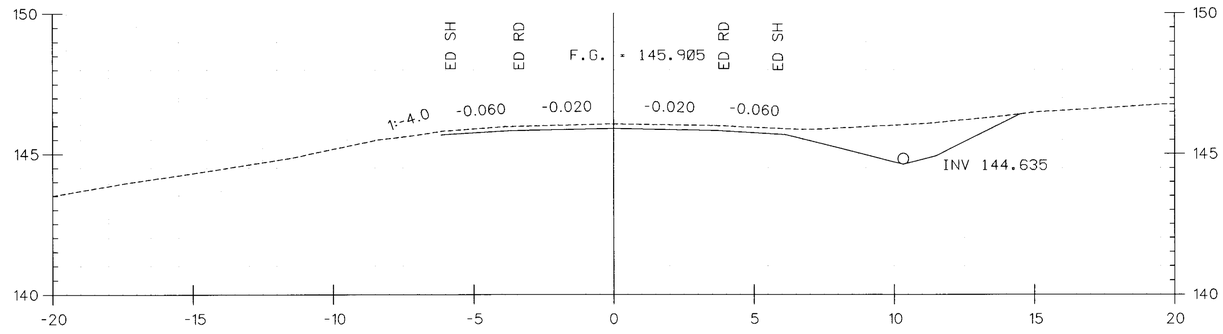
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



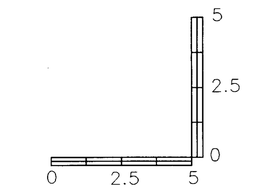
10+940.000



10+930.400



10+920.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xsd051xs24

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SURVEYED BY: VAOT

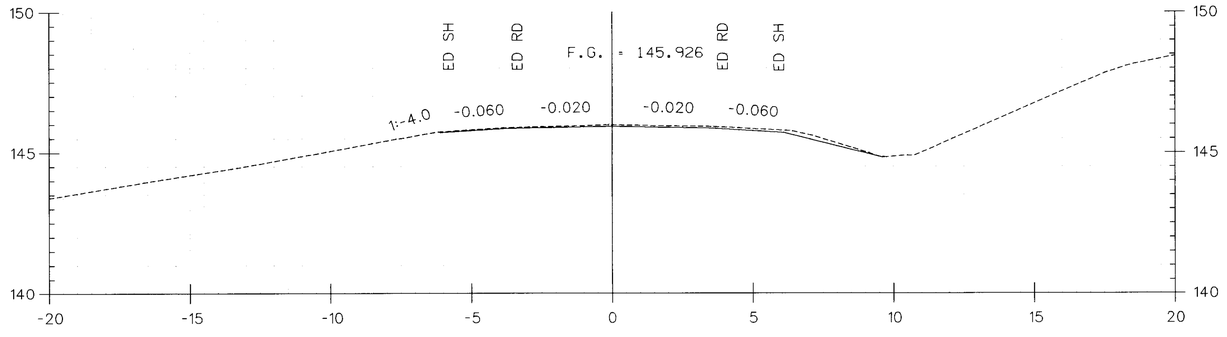
SQUAD LEADER: L. ORVIS P.C.

PLOT DATE: 07/22/2002

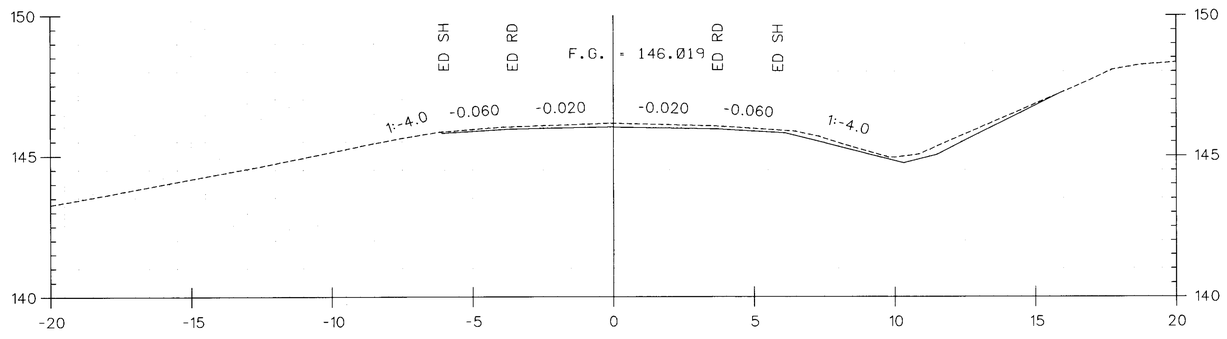
SURVEY DATE: 06-29-2000

DRAWN BY: C.SZCZEPANSKI

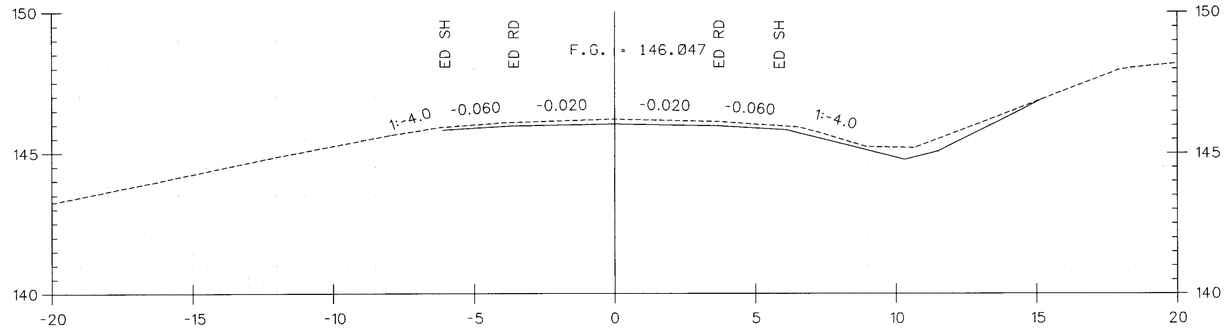
SHEET: 53 OF 106



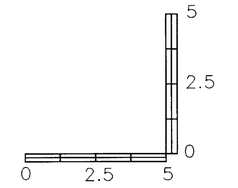
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10+980.000



10+960.000



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VERTICAL SCALE = 1:100

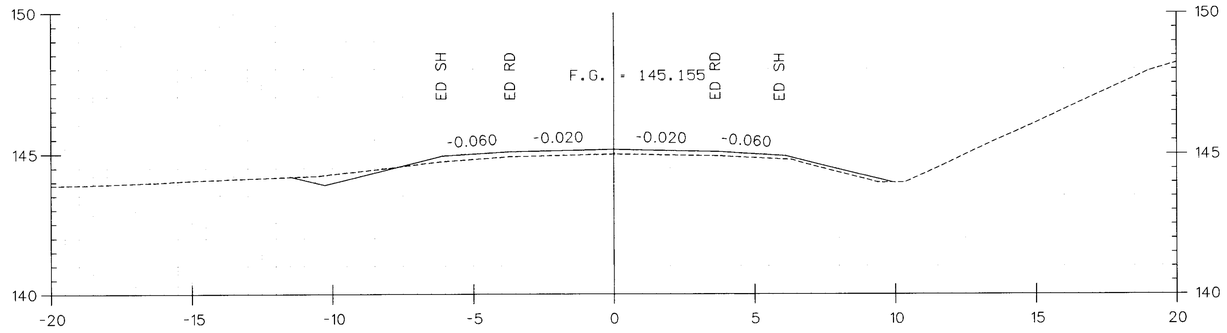
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

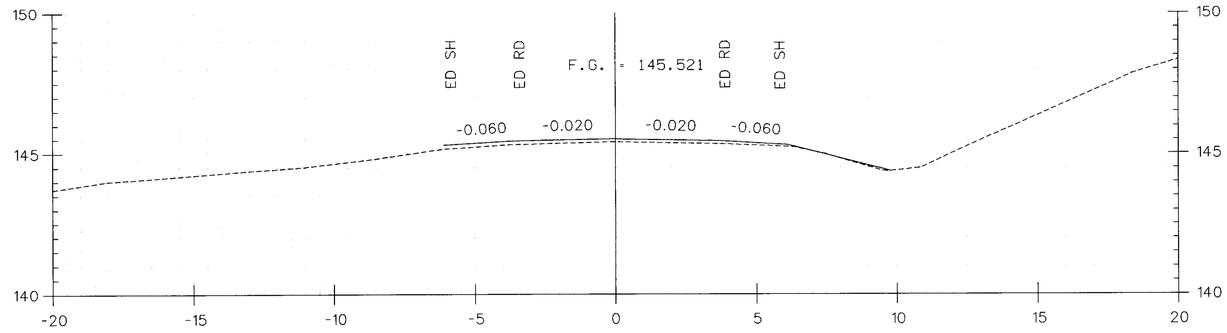
PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

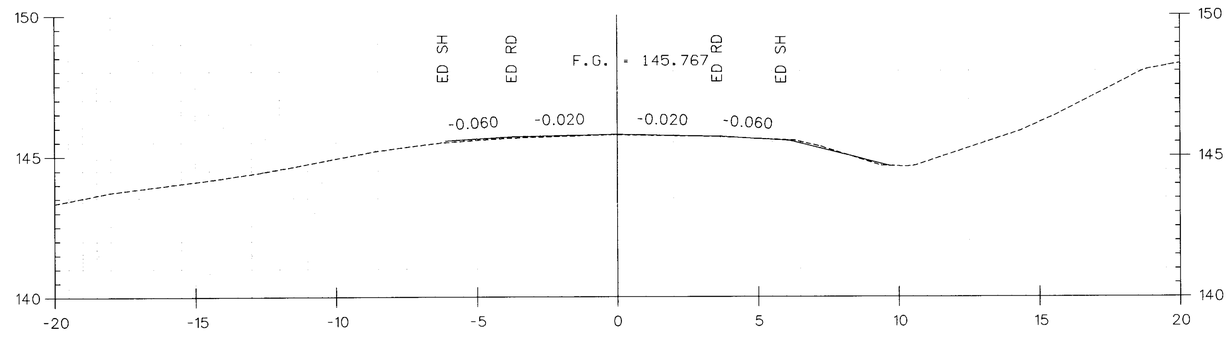
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



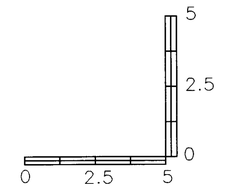
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11+040.000



11+020.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

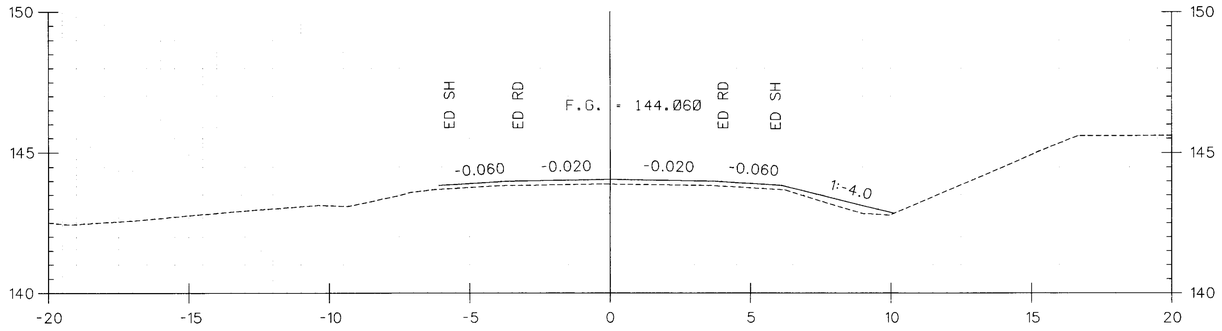
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

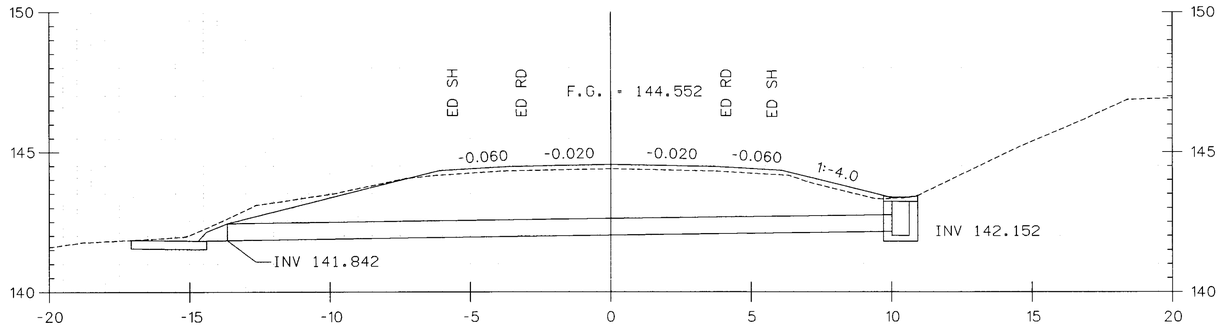
PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

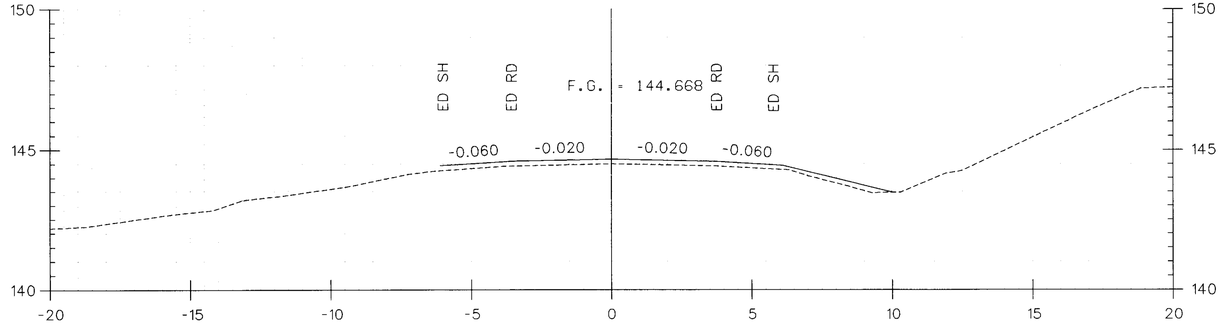
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



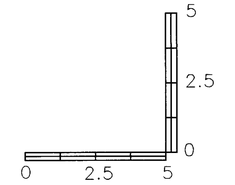
11+100.000



11+084.000
460 mm CMP



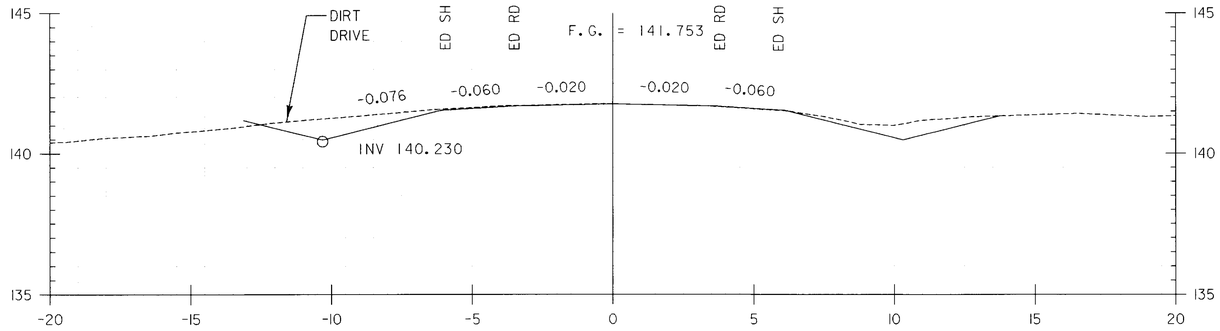
11+080.000



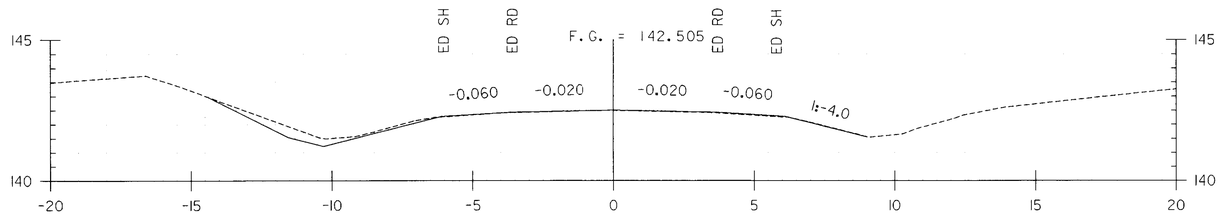
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VERTICAL SCALE = 1:100

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

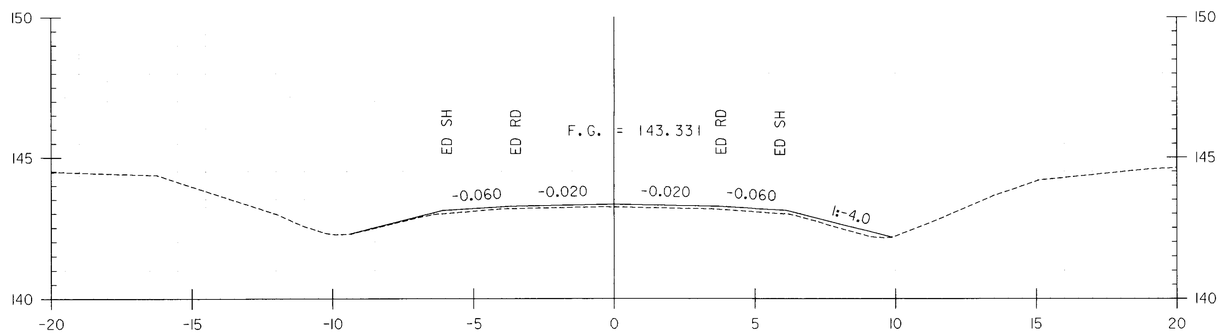
PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)
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IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



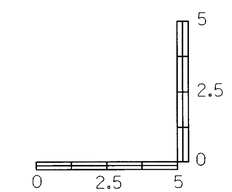
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11+140.000



11+120.000



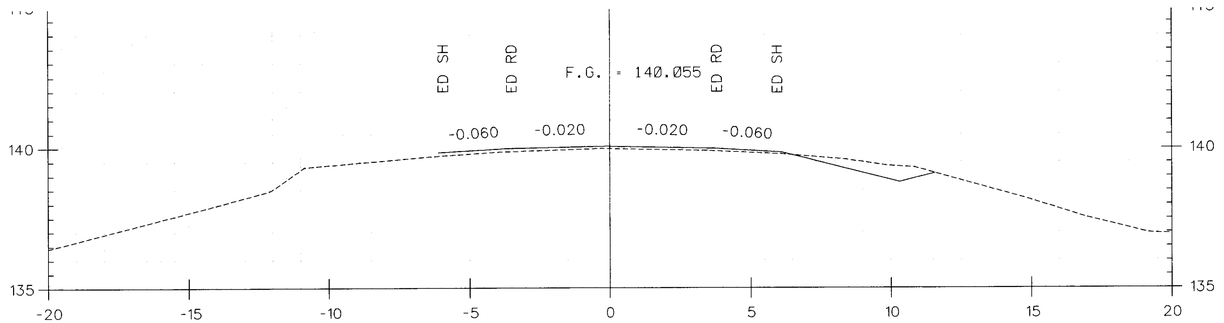
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VERTICAL SCALE = 1:100

DATUM

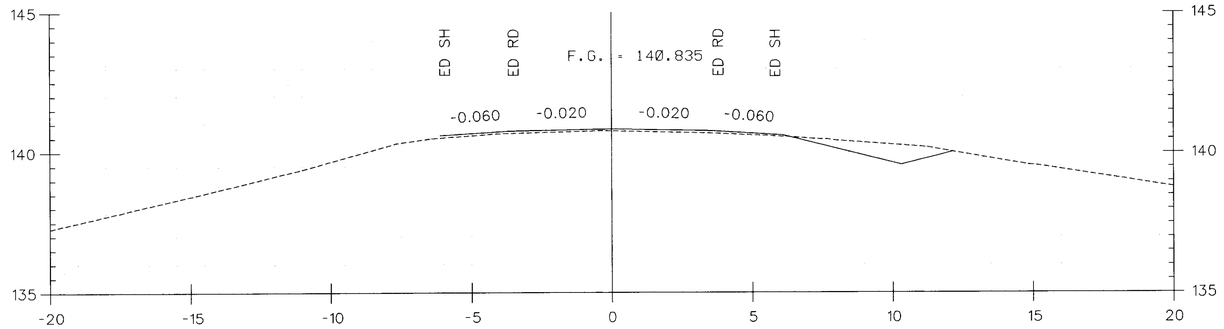
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

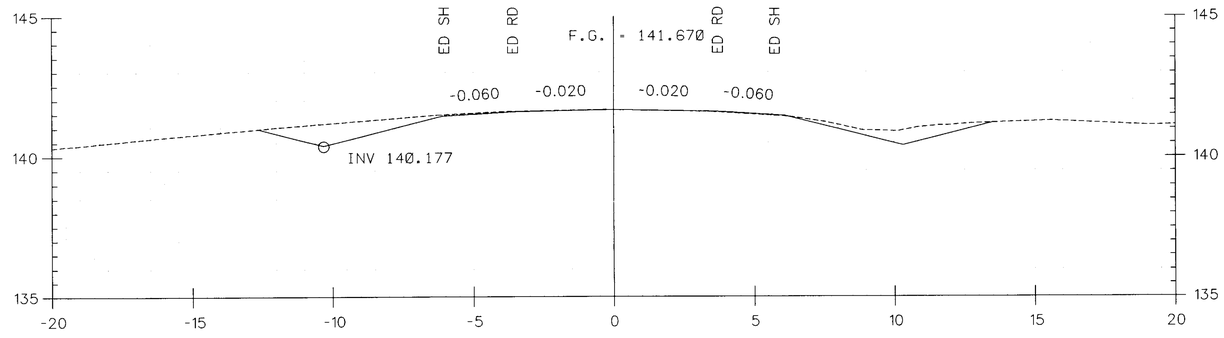
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



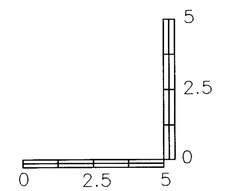
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11+180.000



11+160.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

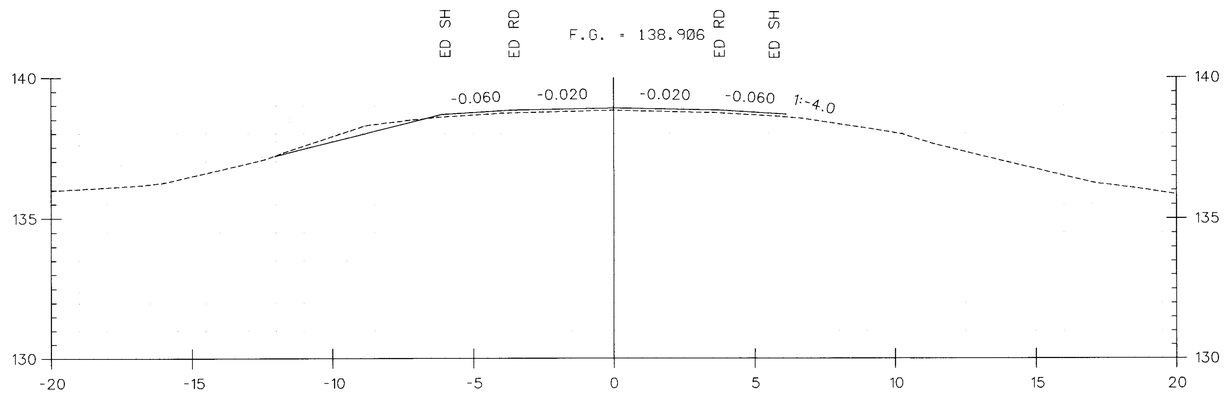
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

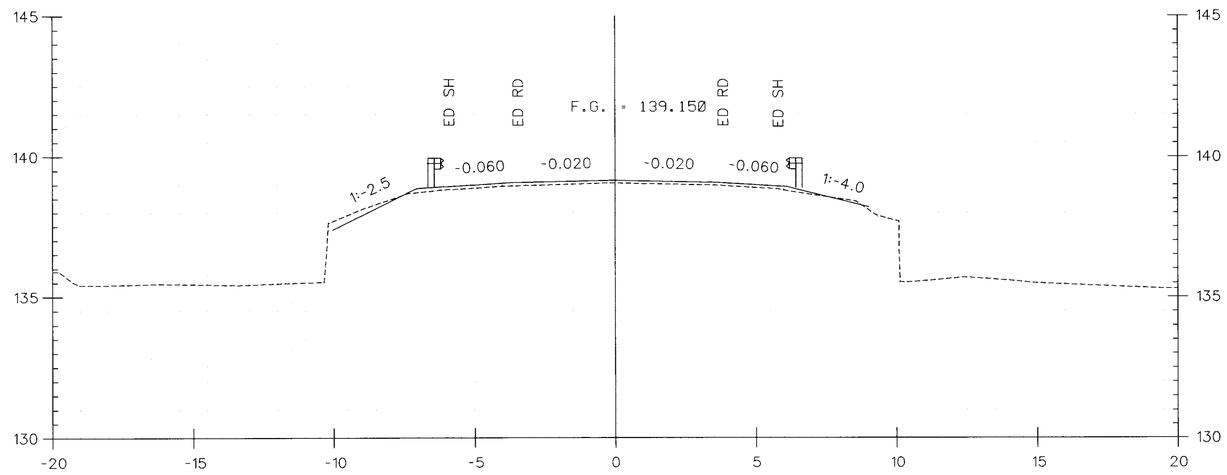
PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

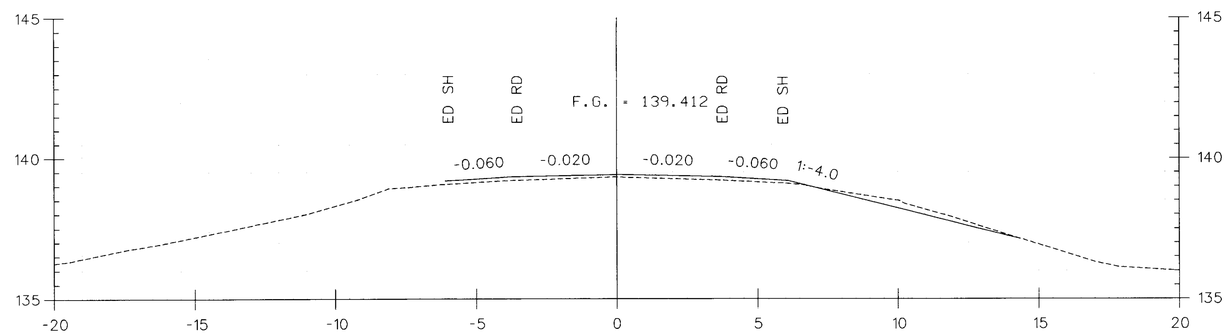
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



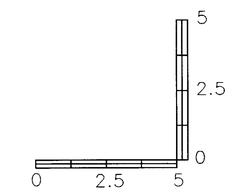
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11+229.700
1520mm x 1570mm BC



11+220.000

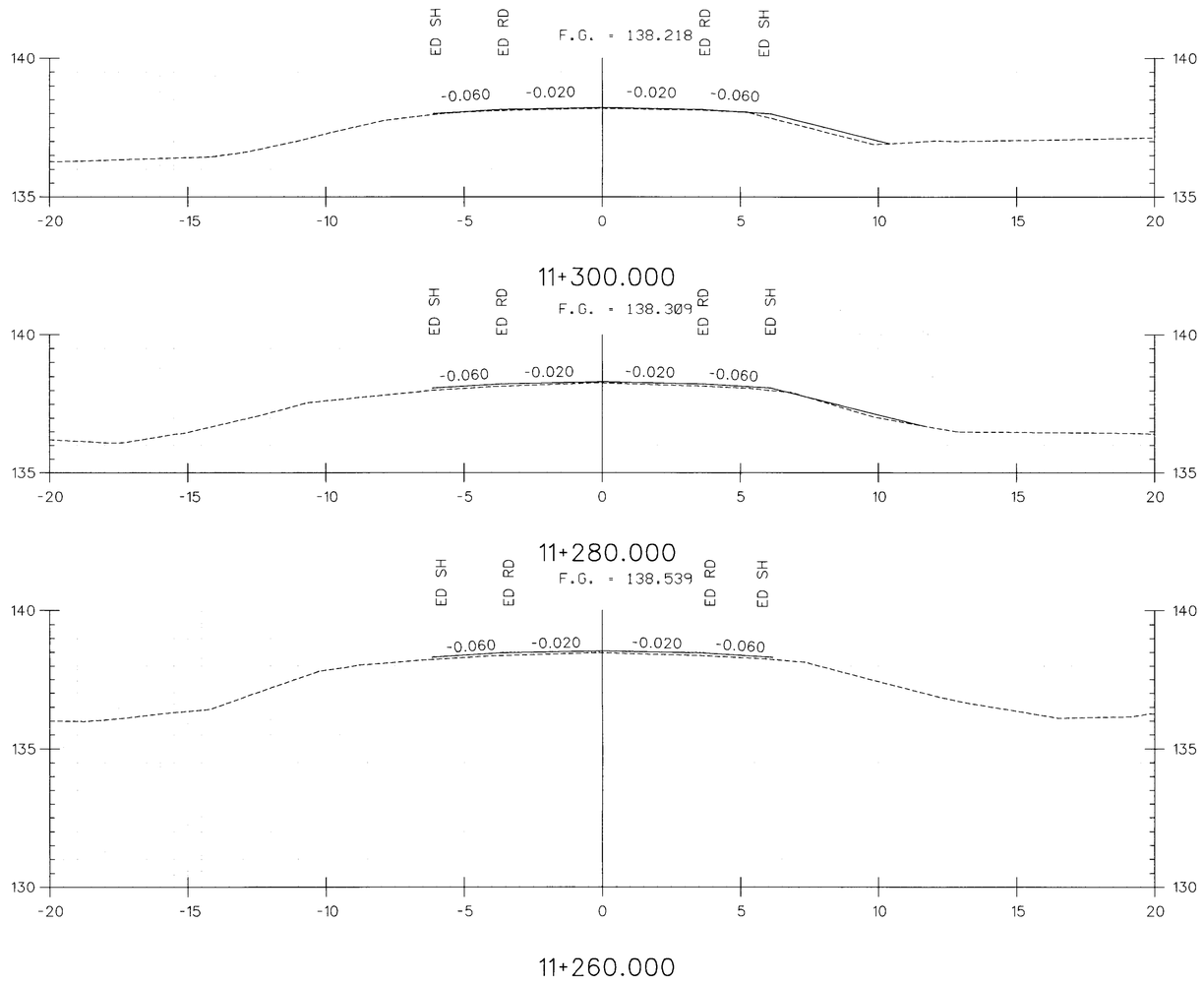


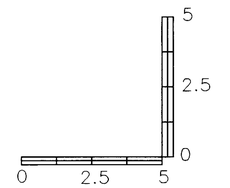
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VERTICAL SCALE = 1:100

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE:06-29-2000
DRAWN BY:C.SZCZEPANSKI
SHEET: 53 OF 106



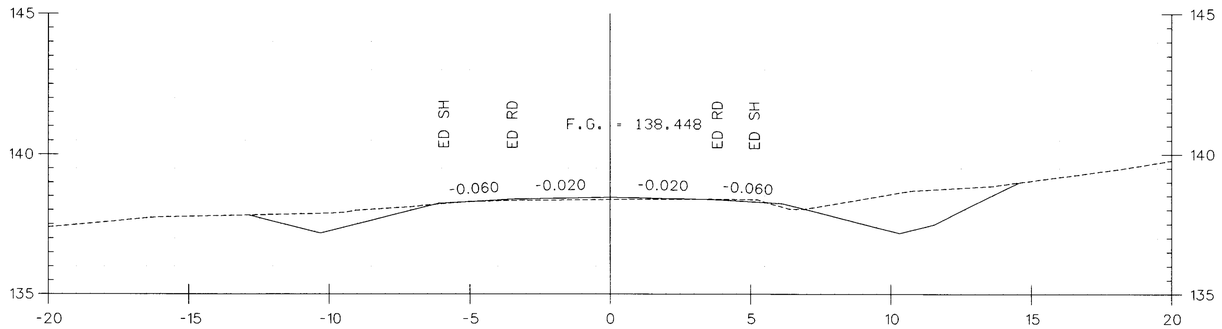


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

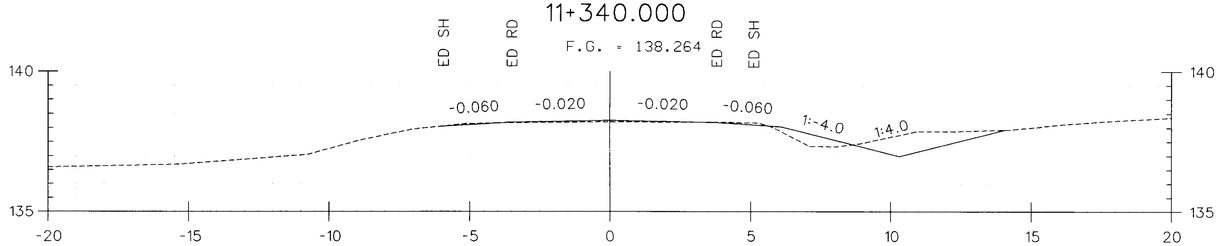
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

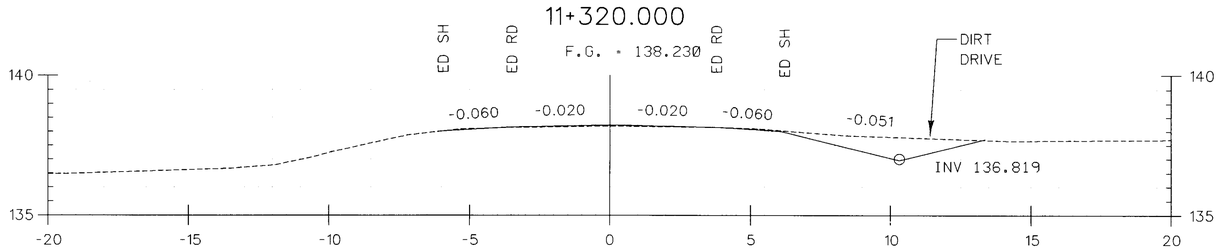
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PLOT DATE: 07/22/2002
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



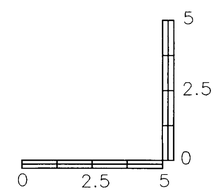
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11+320.000



11+311.700



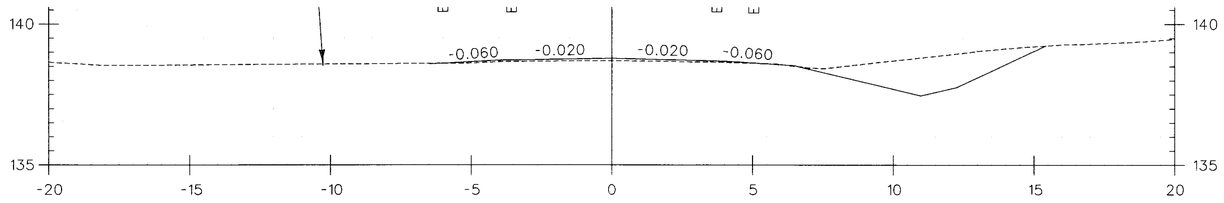
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DATUM

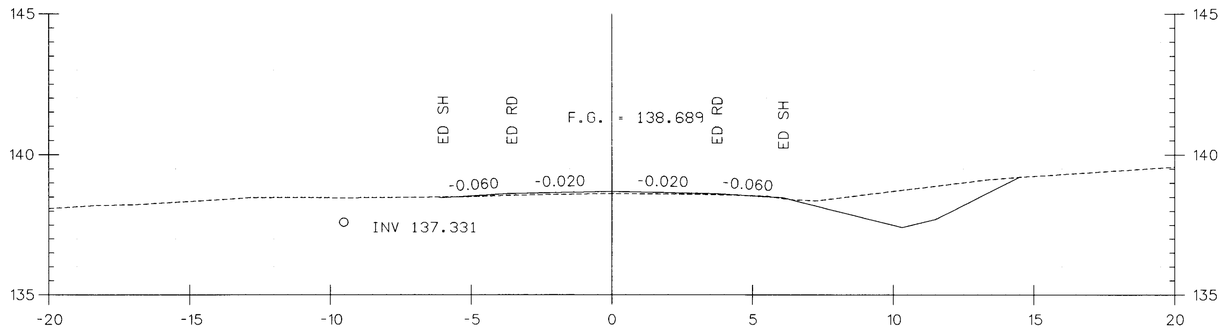
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

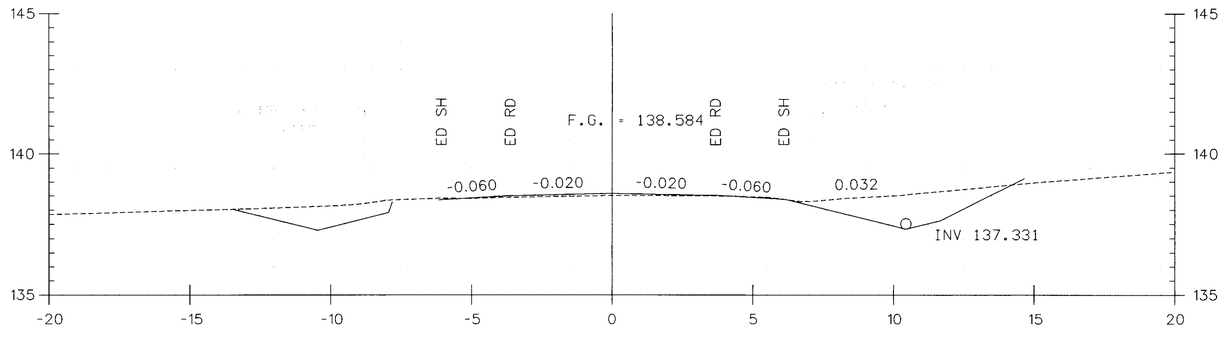
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SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE:06-29-2000
DRAWN BY:C.SZCZEPANSKI
SHEET: 53 OF 106



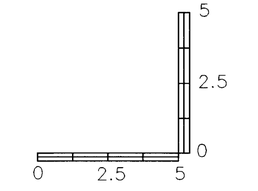
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11+360.000



11+351.300

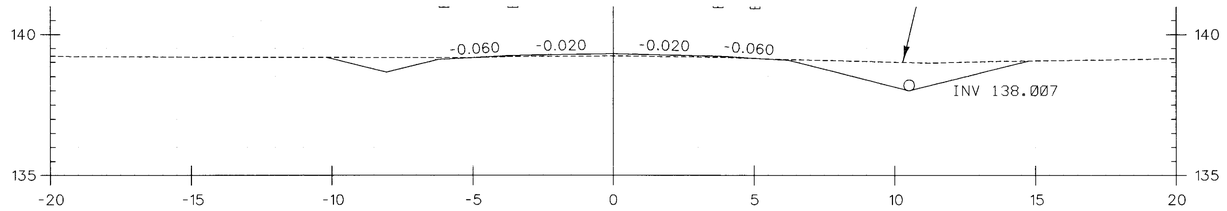


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

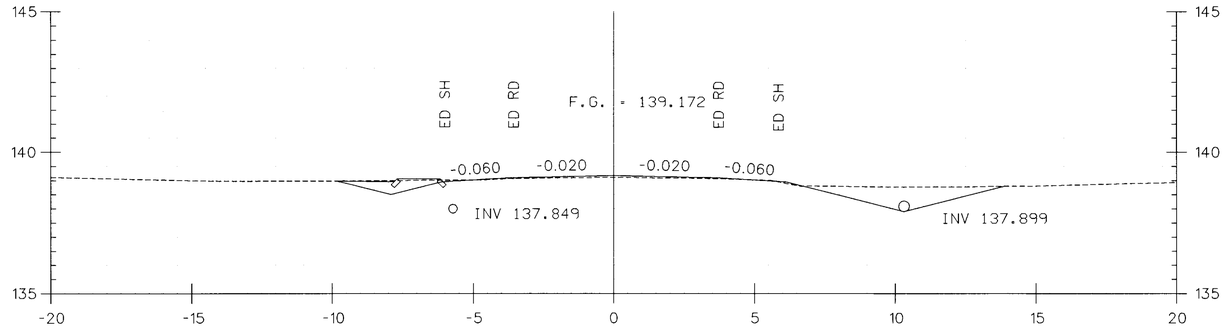
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

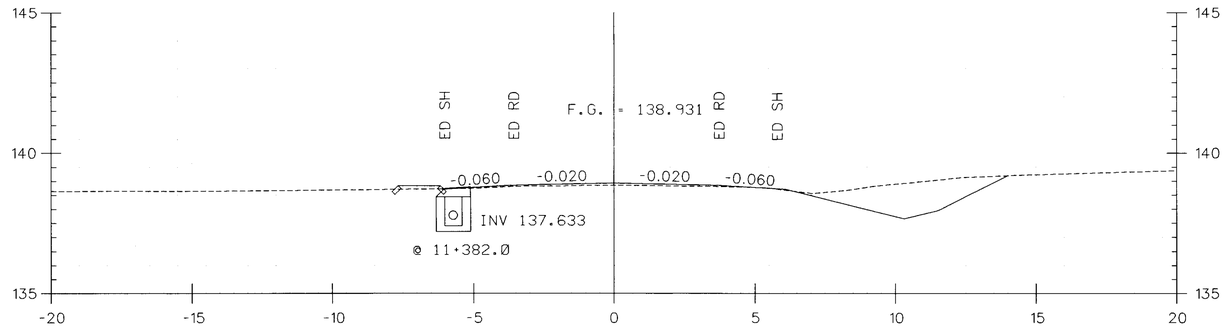
PROJECT: BRANDON-LEICESTER	PROJECT NO. : FEGC F 019-3 (29)
DESIGN FILE NAME:P:\Civil\Sheet\Cross sections & details\Cross sections\cd051xs33	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE:06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY:C.SZCZEPANSKI
	SHEET: 53 OF 106



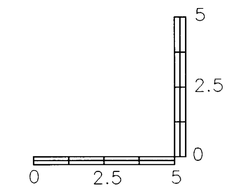
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11+400.000



11+380.000

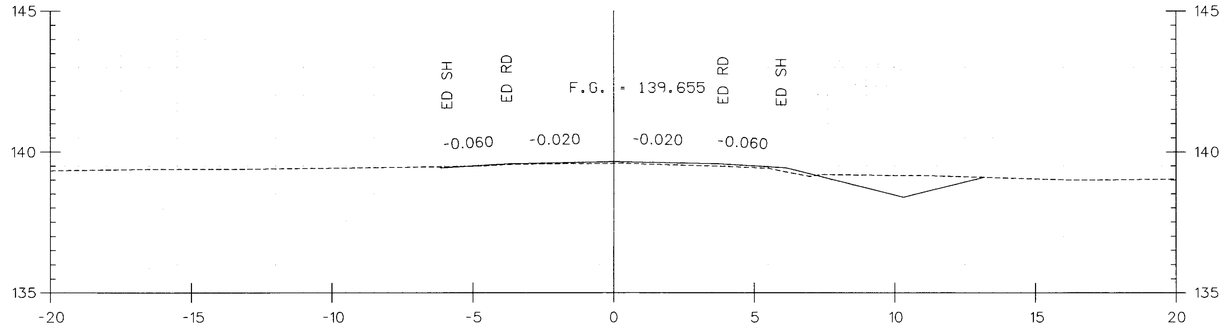


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

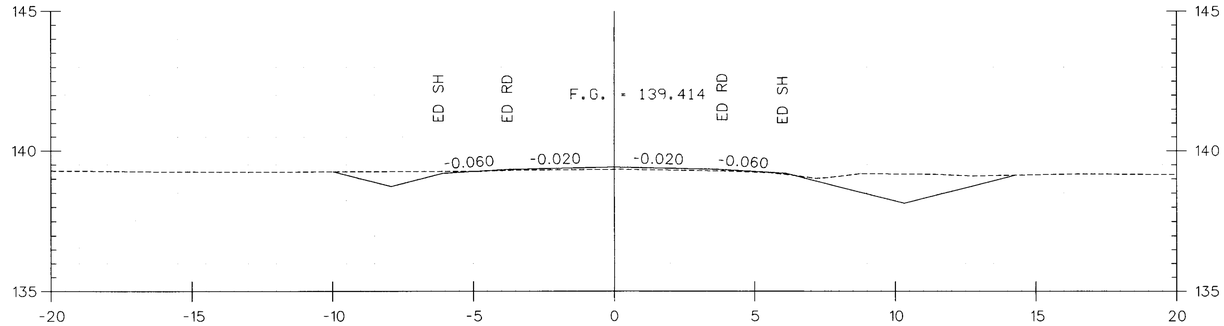
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

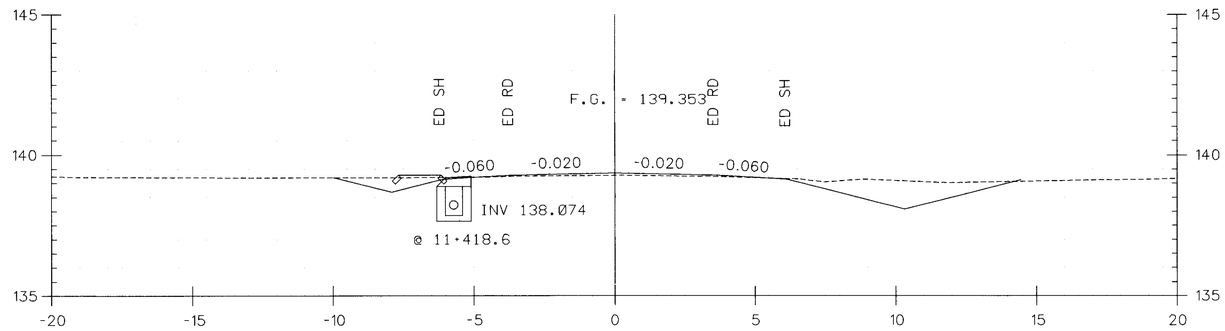
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs34	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



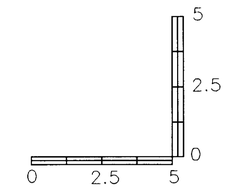
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11+420.000



11+414.998

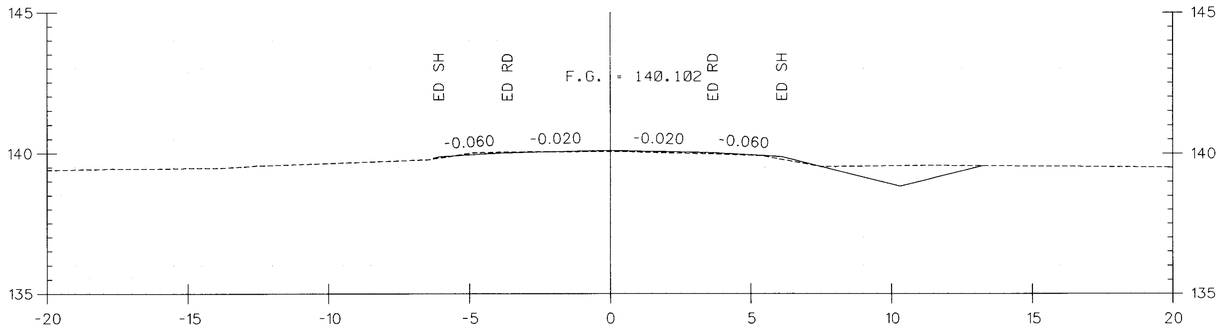


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

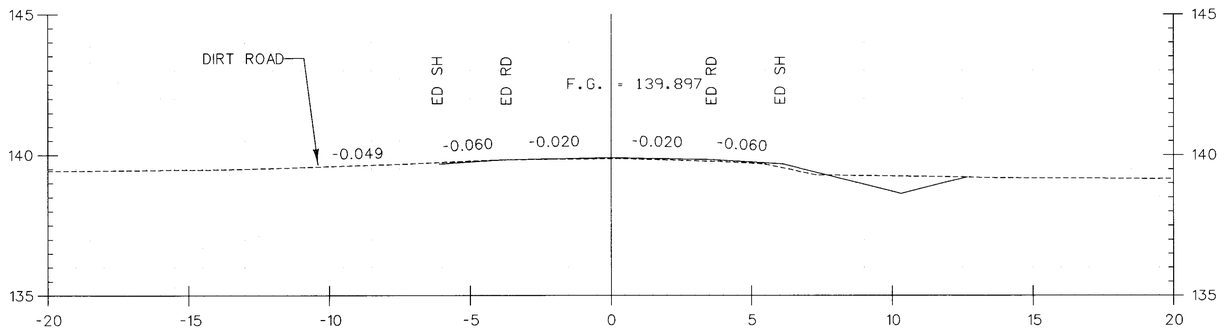
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

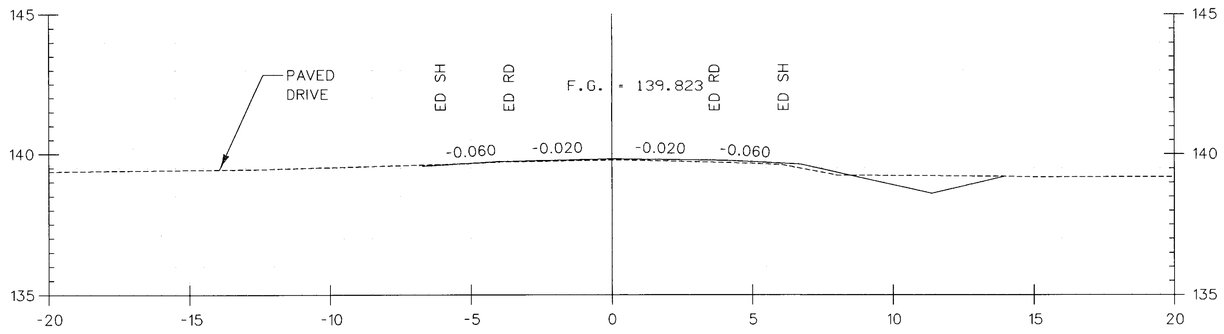
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY:C.SZCZEPANSKI
SHEET: 53 OF 106



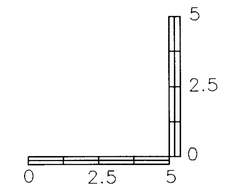
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11+460.000



11+453.924



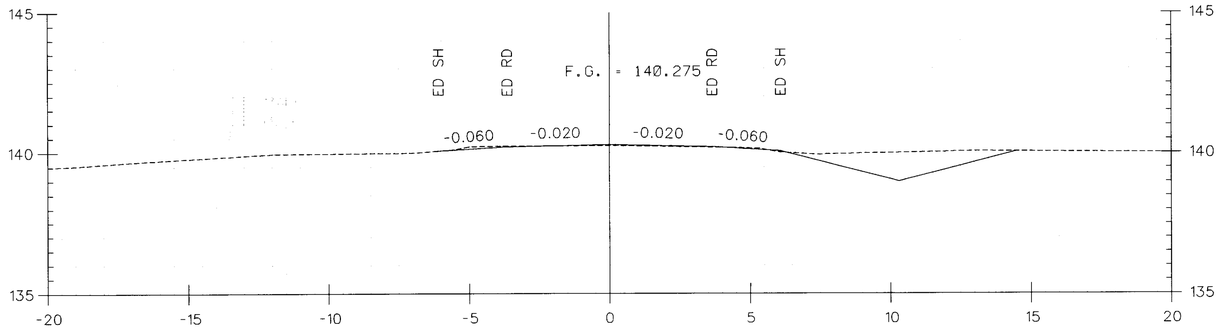
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

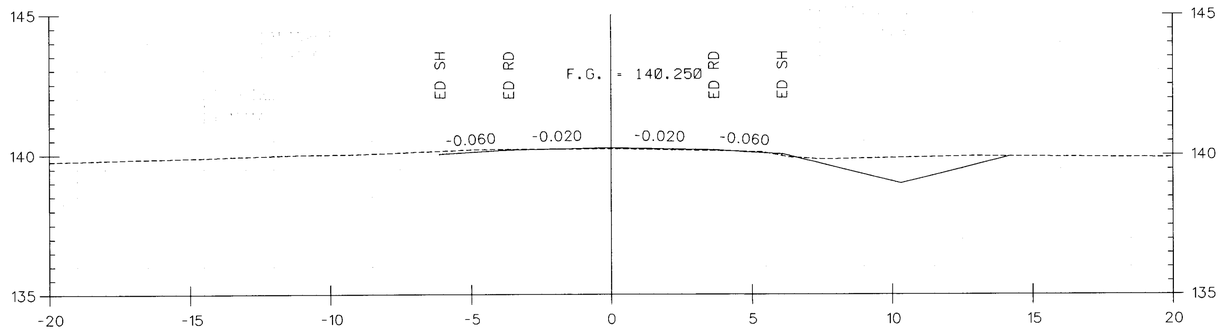
VERTICAL NAVD 88

HORIZONTAL NAD 83

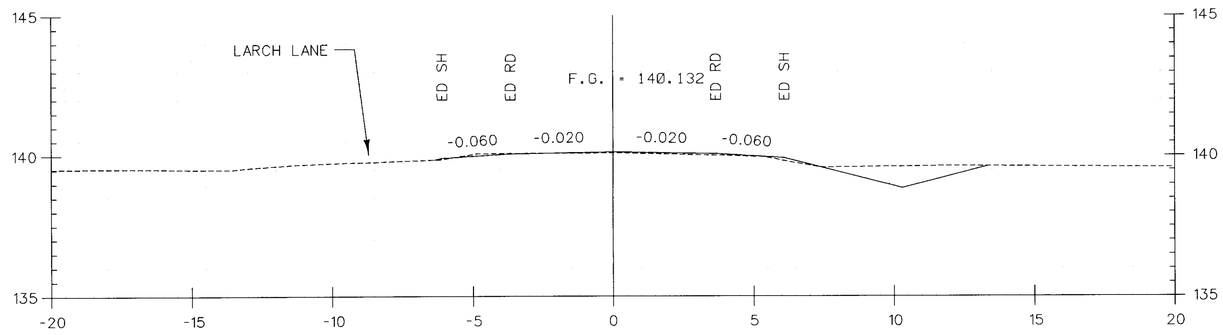
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs36	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



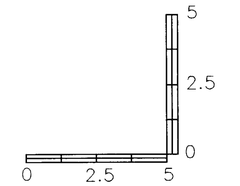
11+500.000



11+495.562



11+480.000

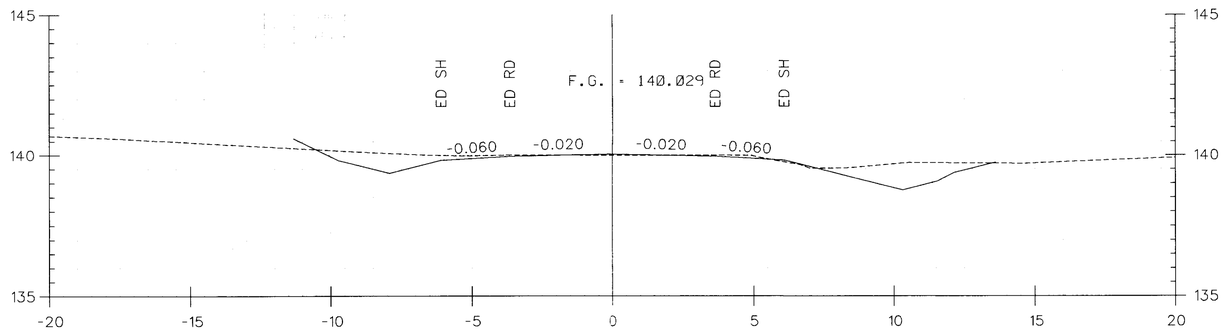


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

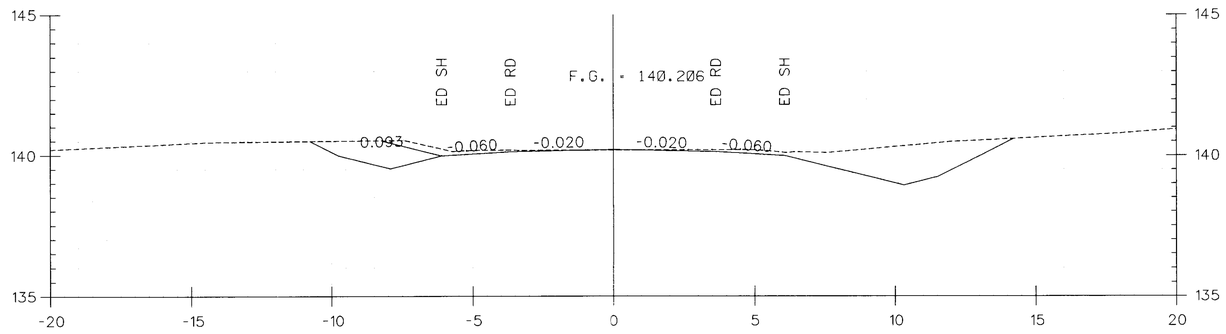
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

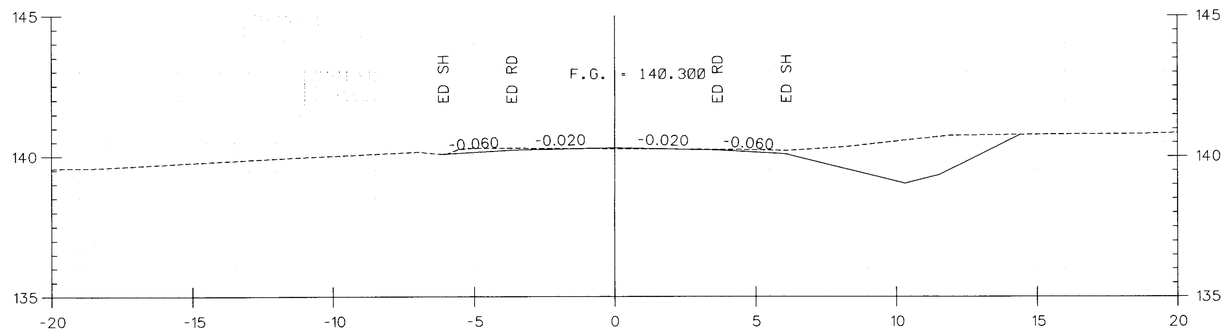
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs37
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



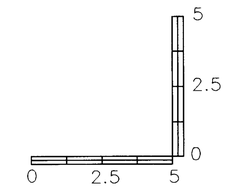
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11+540.000



11+520.000

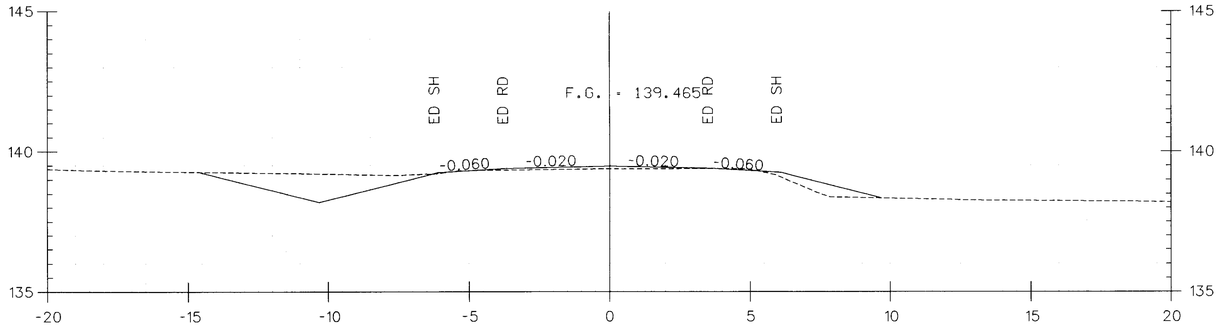


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

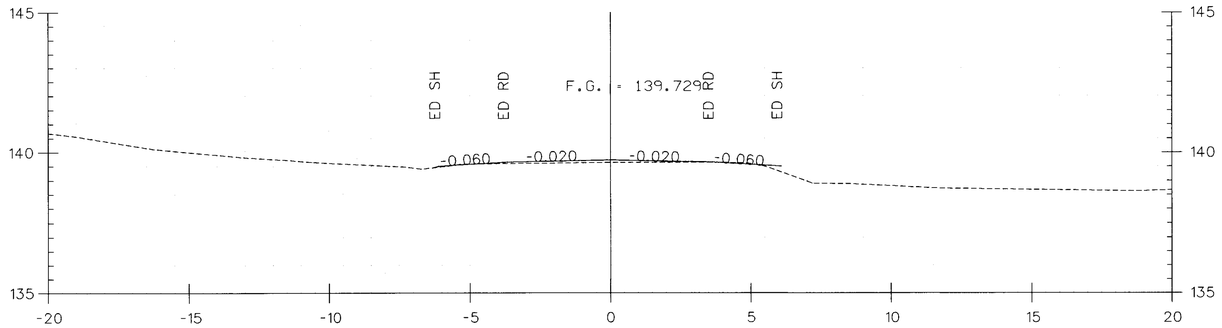
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

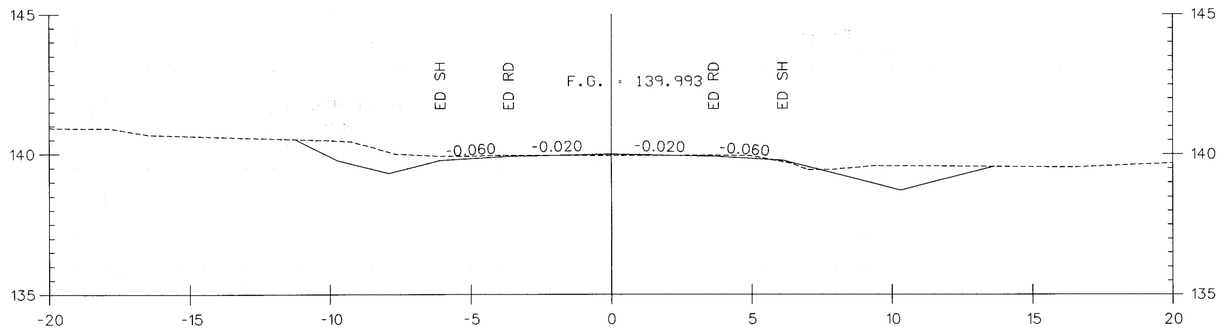
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



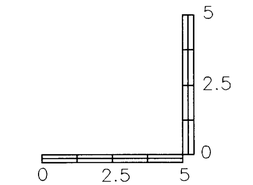
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11+580.000



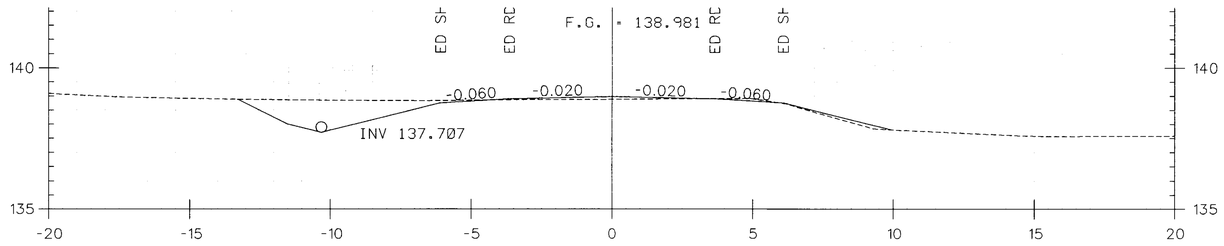
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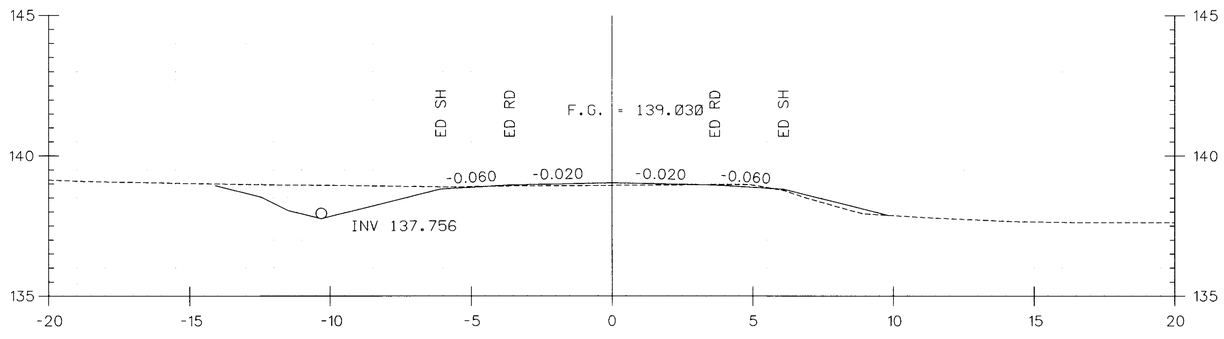
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

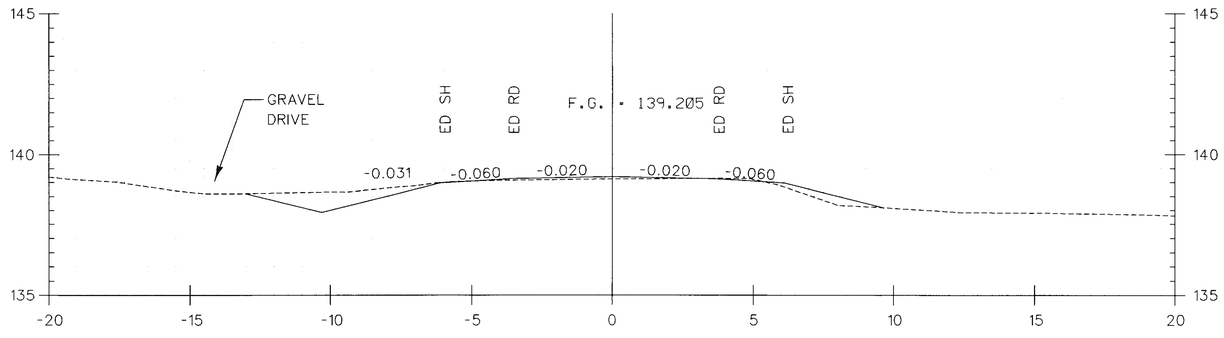
PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs39	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



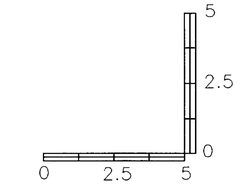
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11+635.400



11+620.000

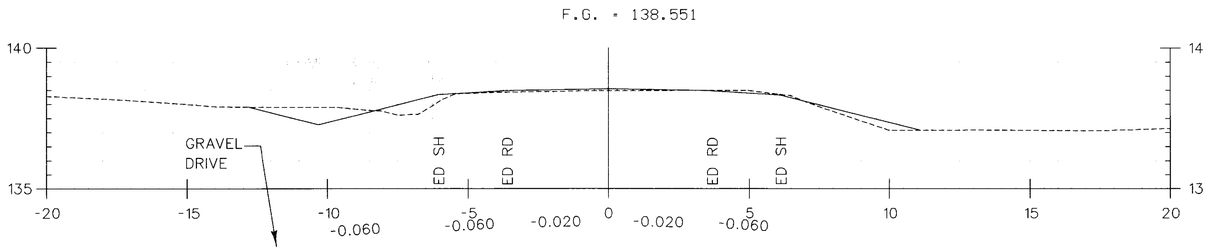


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

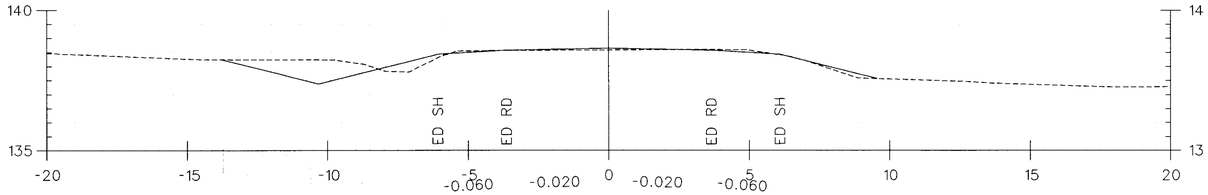
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

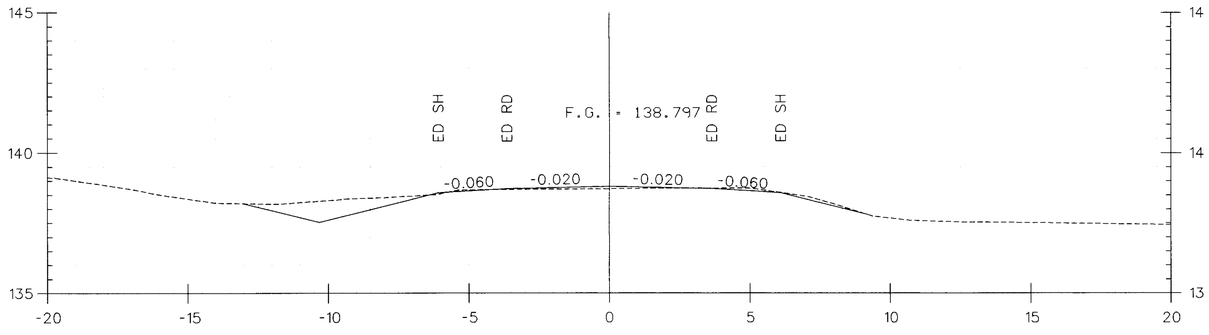
PROJECT: BRANDON-LEICESTER	PROJECT NO. : FEGC F 019-3 (29)
DESIGN FILE NAME:P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs40	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE:06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY:C.SZCZEPANSKI
	SHEET: 53 OF 106



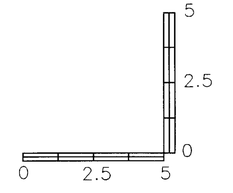
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11+680.000



11+660.000

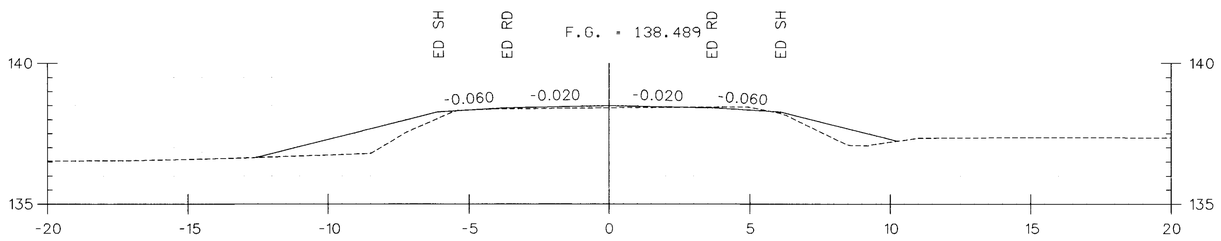


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

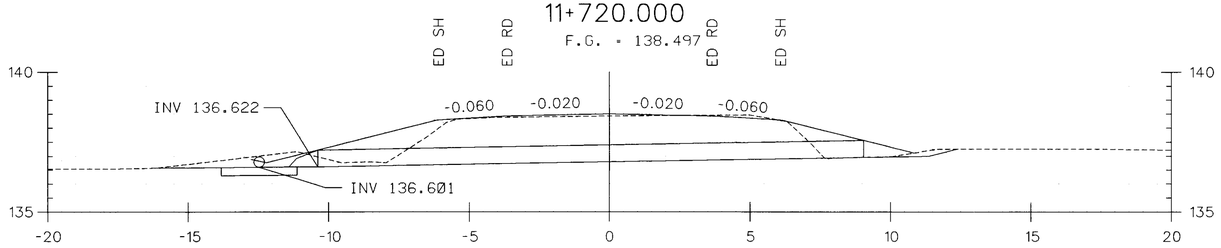
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

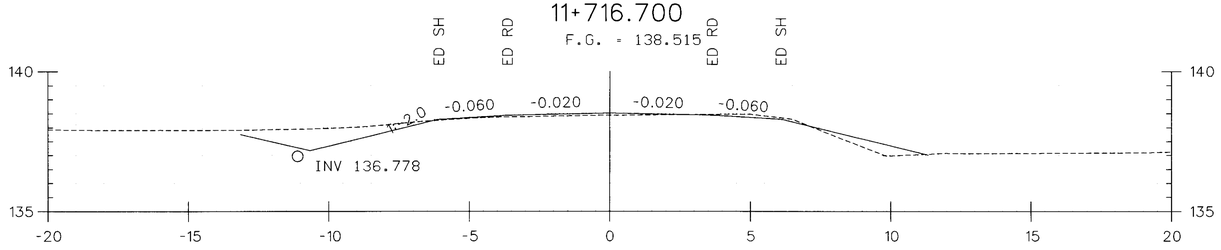
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PLOT DATE: 07/22/2002
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



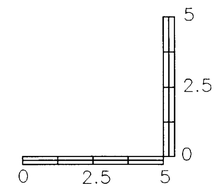
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11+716.700



11+716.000

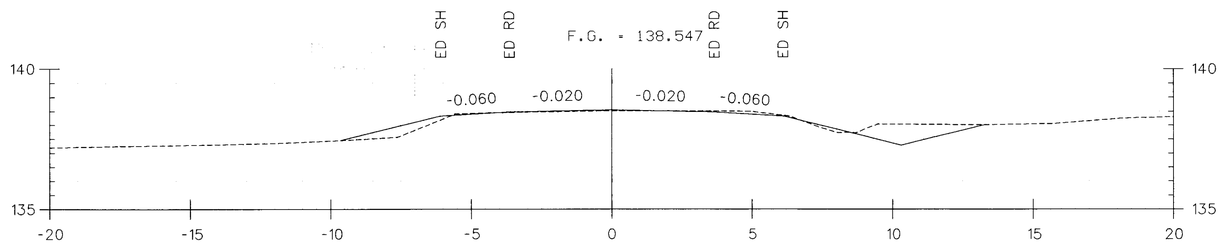


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

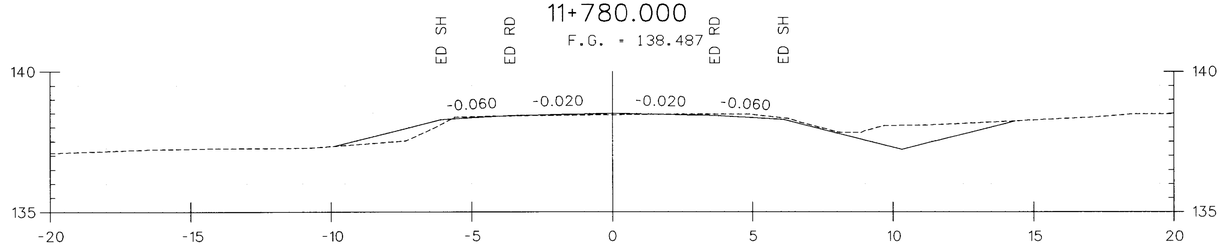
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

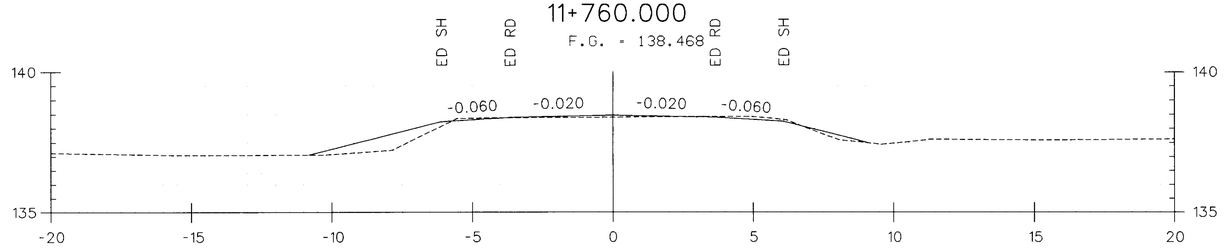
DESIGN FILE NAME:P:\Civil\Sheet\Cross sections & details\Cross sections\cd051xs42
IPARM FILE NAME:
PLOT DATE: 07/22/2002
SURVEYED BY: VAOT
SURVEY DATE:06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY:C.SZCZEPANSKI
SHEET: 53 OF 106



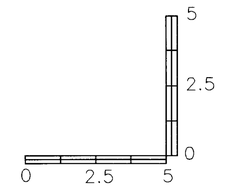
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11+760.000



11+740.000

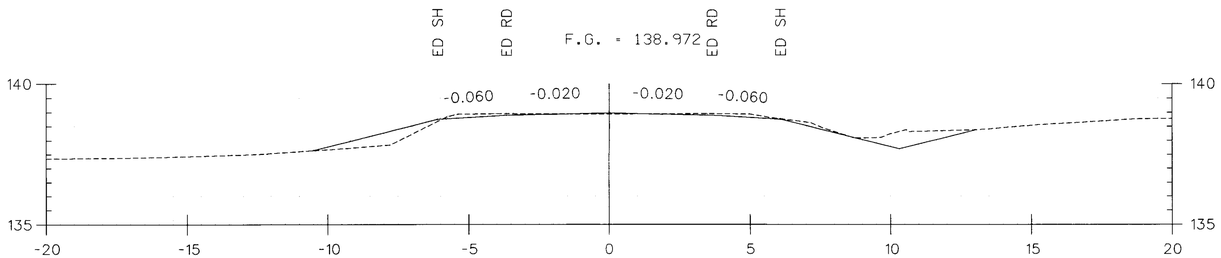


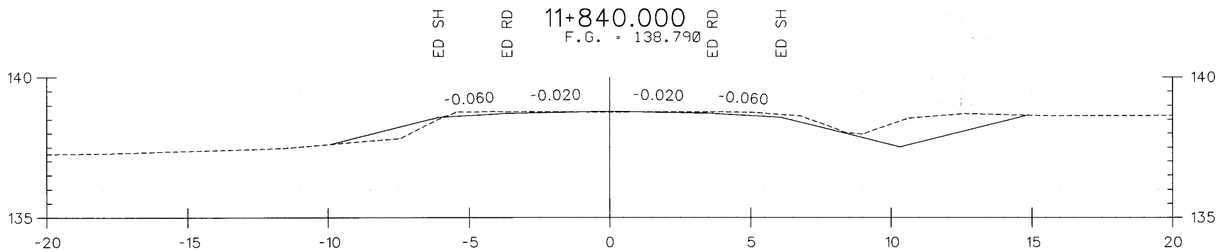
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

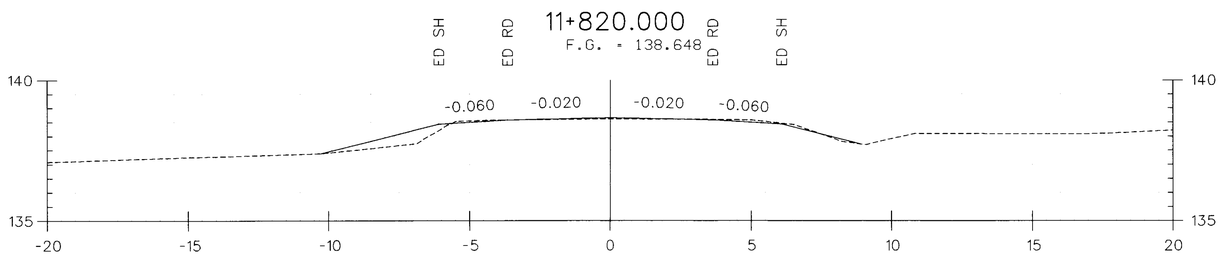
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

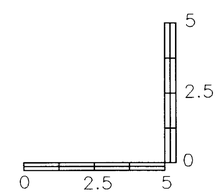
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\cd051xs43	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106







11+800.000

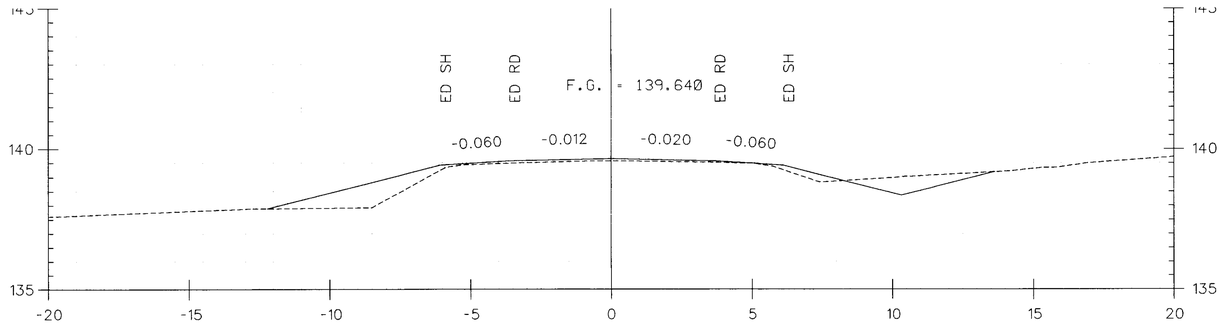


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

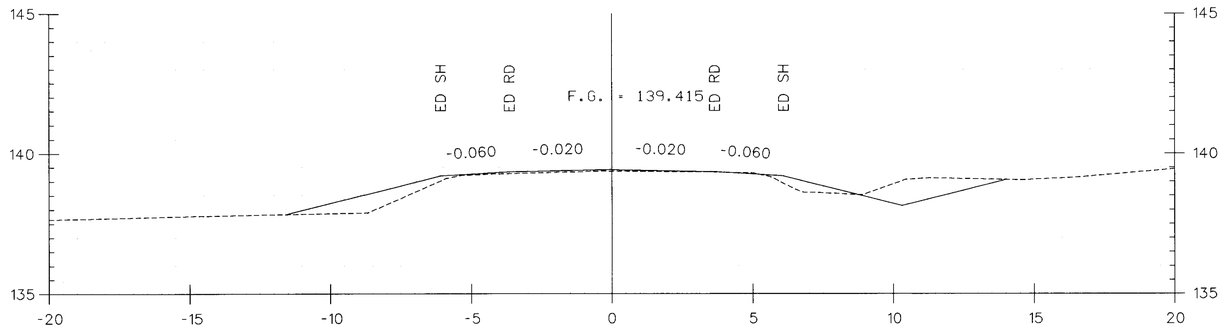
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

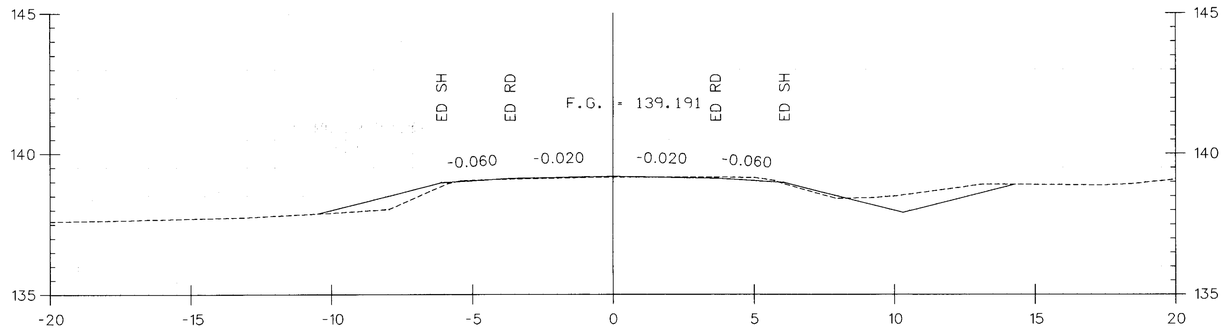
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



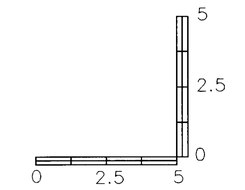
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11+880.000



11+860.000

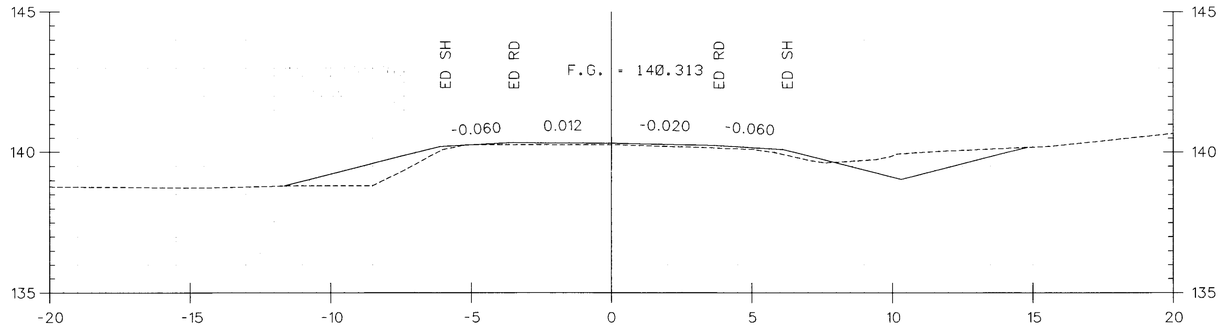


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

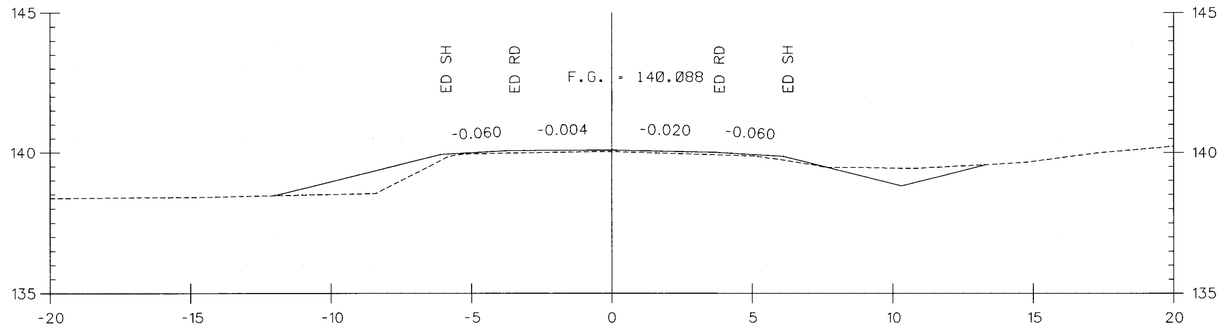
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

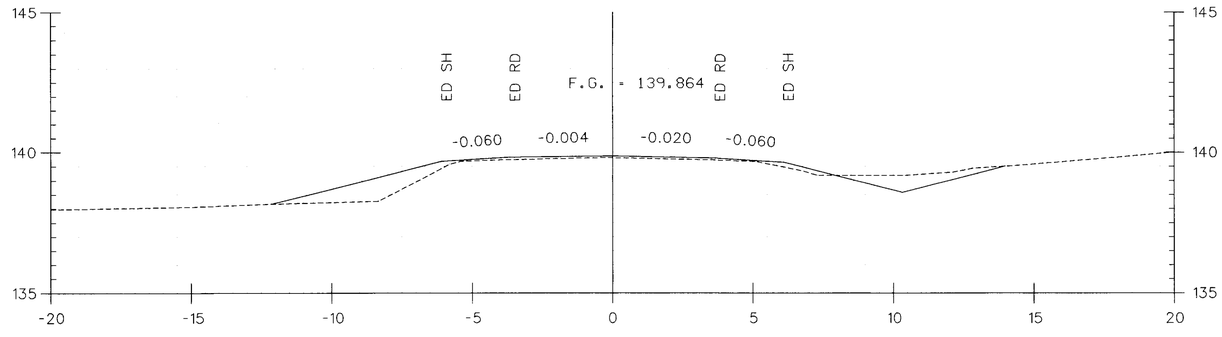
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE:06-29-2000
DRAWN BY:C.SZCZEPANSKI
SHEET: 53 OF 106



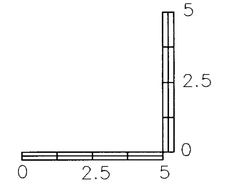
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11+940.000



11+920.000

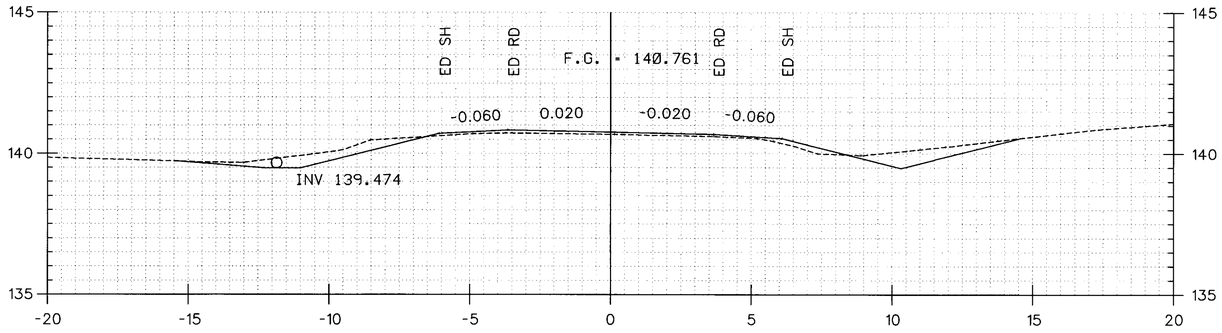


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

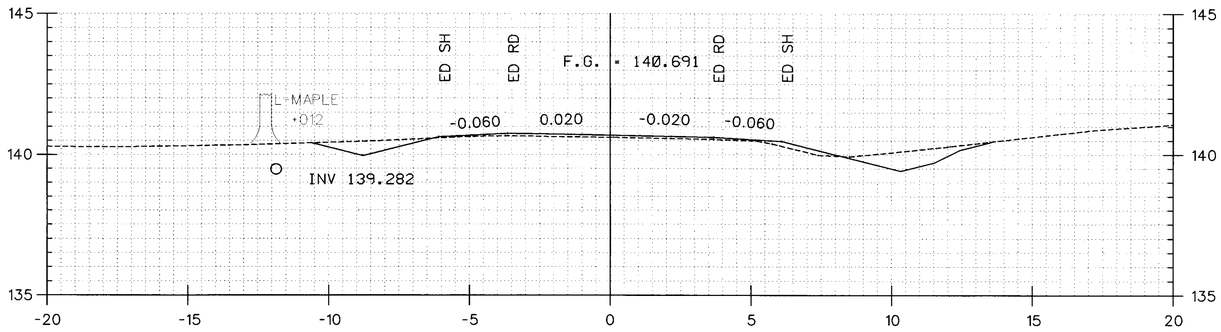
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

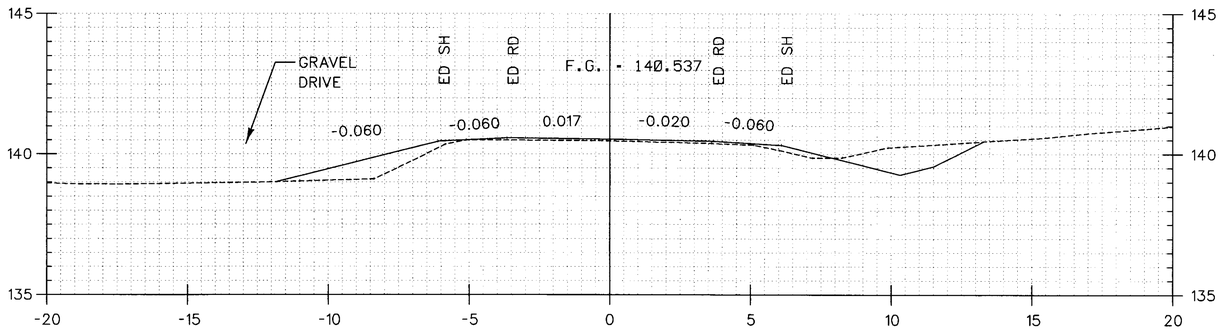
PROJECT: BRANDON-LEICESTER	PROJECT NO. : FEGC F 019-3 (29)
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IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE:06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY:C.SZCZEPANSKI
	SHEET: 53 OF 106



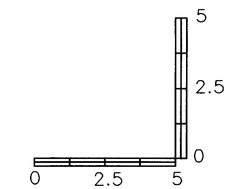
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11+993.700



11+980.000



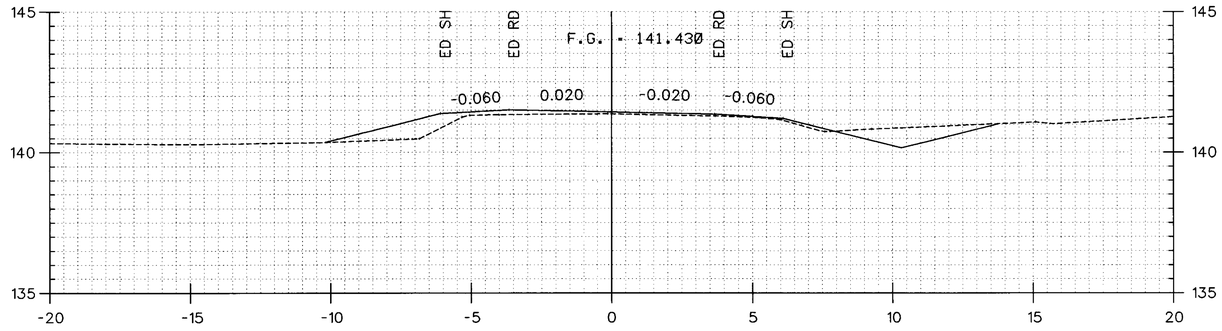
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VERTICAL SCALE = 1:100

DATUM

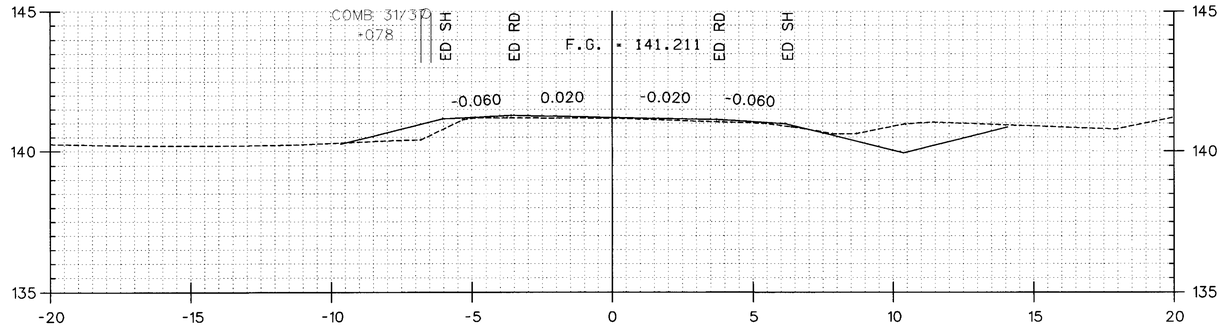
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

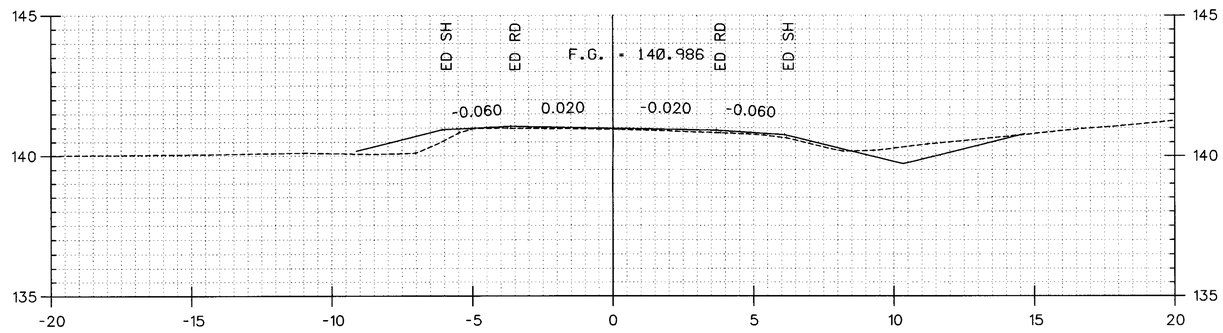
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE:06-29-2000
DRAWN BY:C.SZCZEPANSKI
SHEET: 53 OF 106



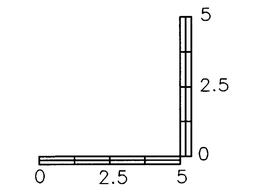
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12+040.000



12+020.000



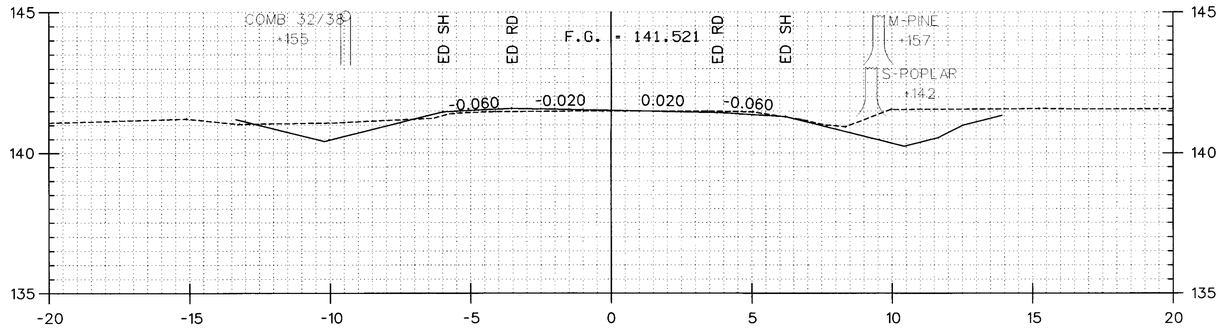
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VERTICAL SCALE = 1:100

DATUM

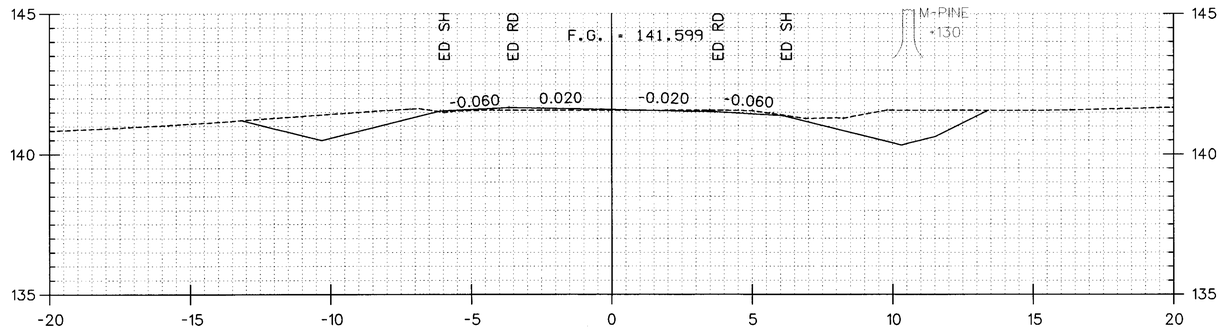
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

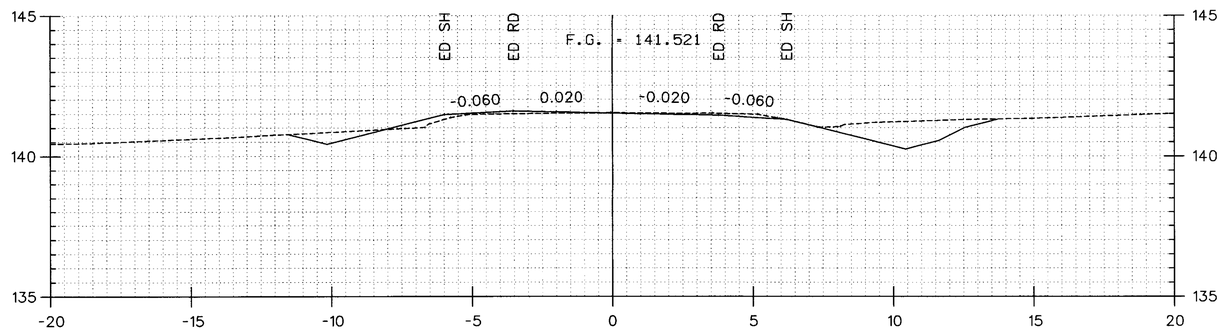
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



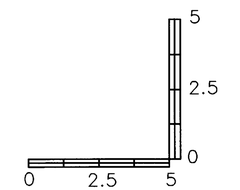
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12+100.000



12+080.000

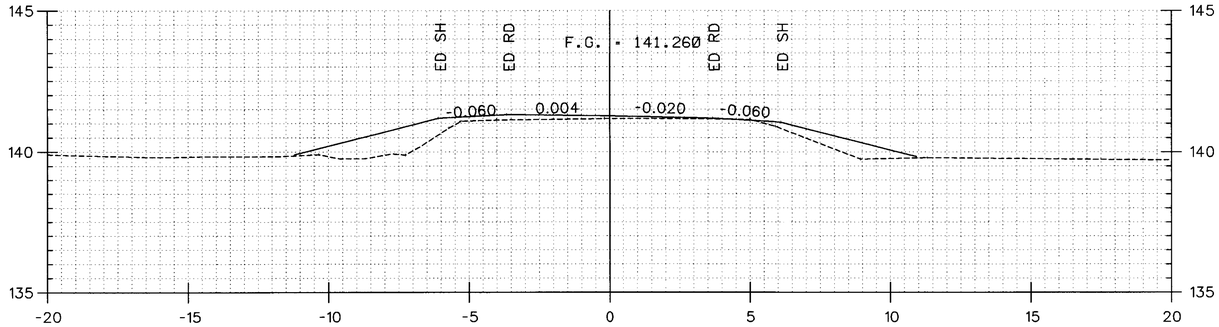


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

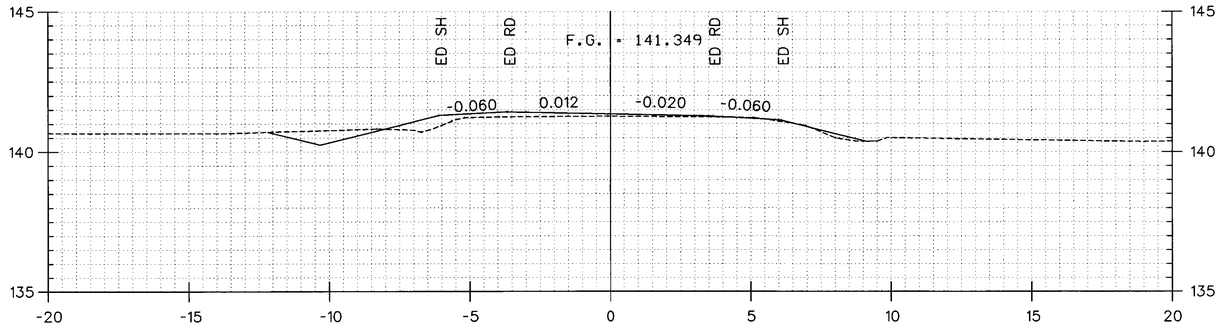
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

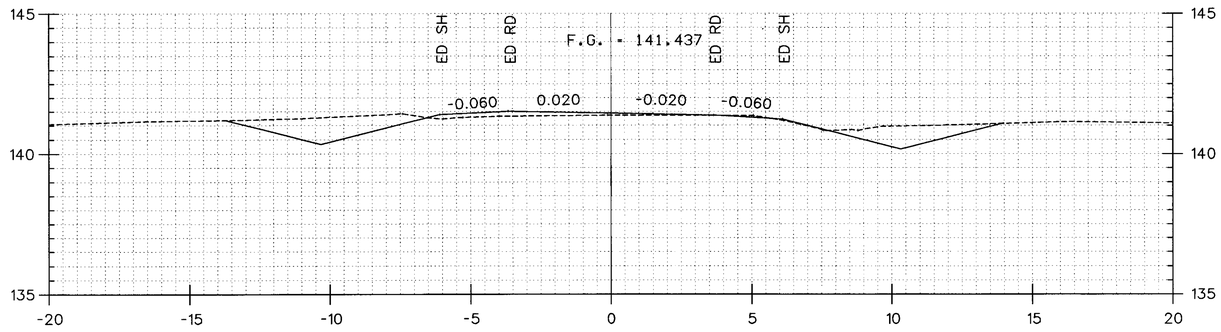
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
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IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



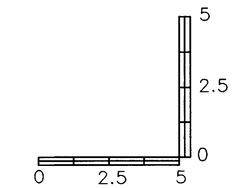
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12+160.000



12+140.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

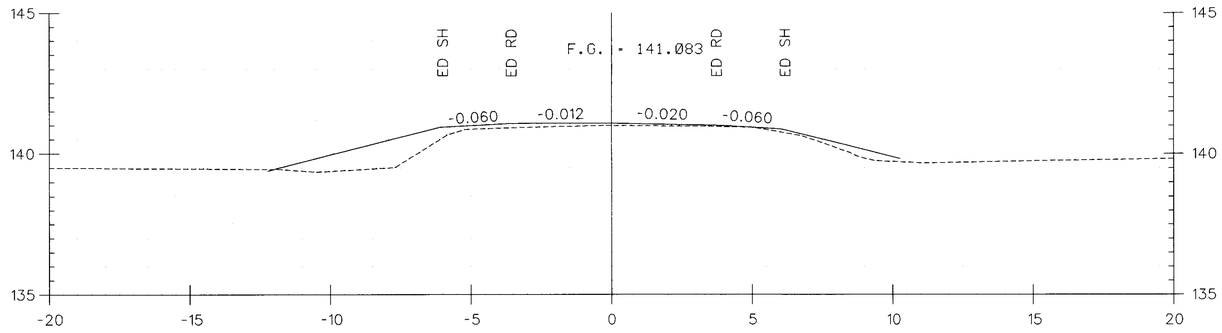
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

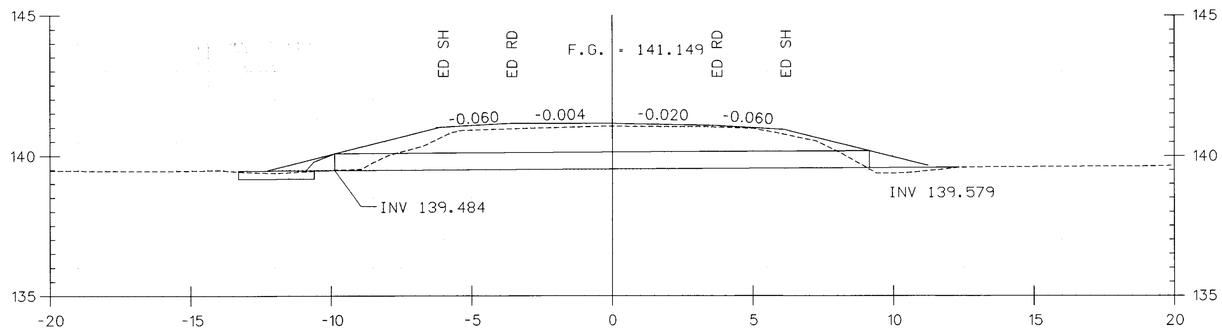
PROJECT: BRANDON-LEICESTER

PROJECT NO. : FEGC F 019-3 (29)

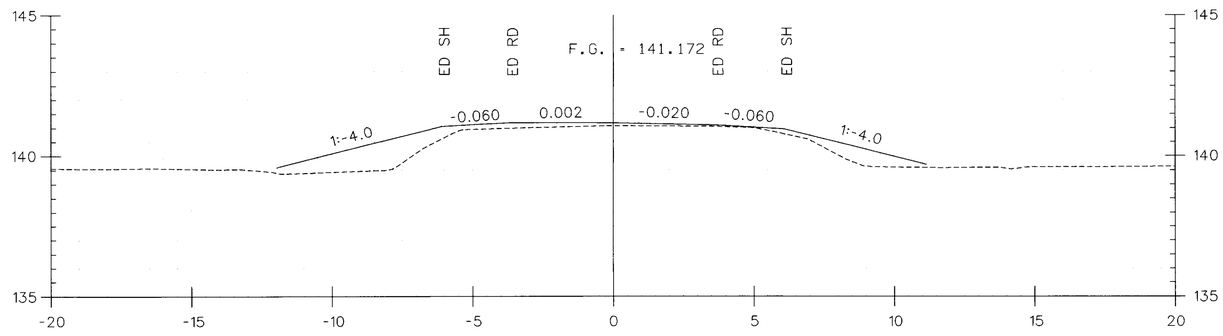
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



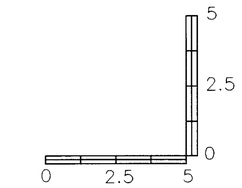
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12+205.200



12+205.200
460 MM RCP @ 5 RT



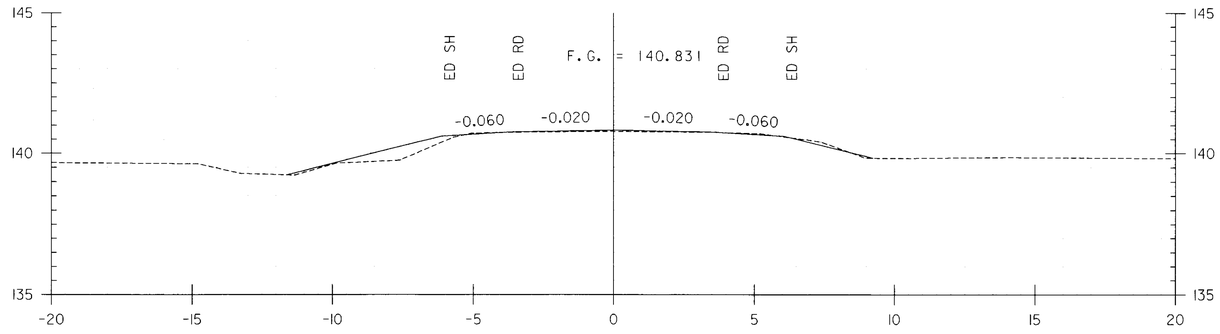
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VERTICAL SCALE = 1:100

DATUM

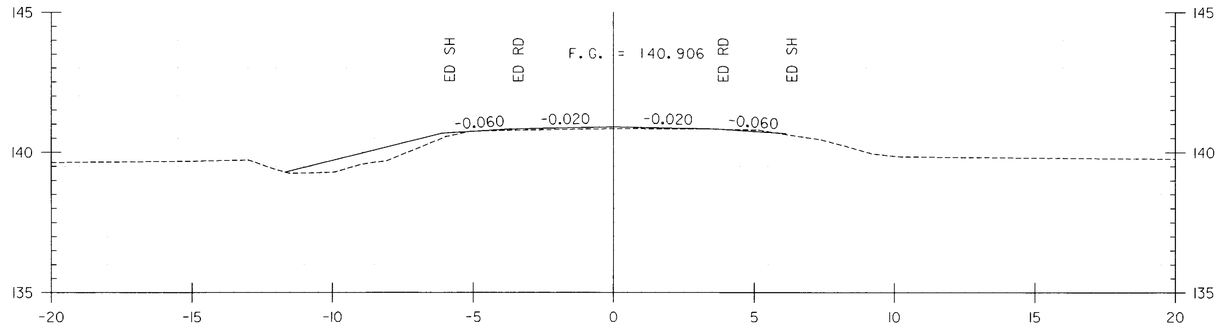
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

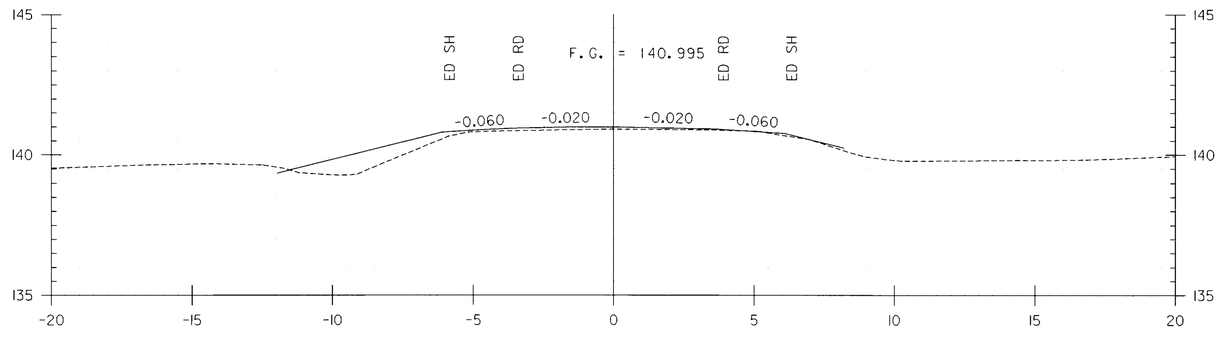
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE:06-29-2000
DRAWN BY:C.SZCZEPANSKI
SHEET: 53 OF 106



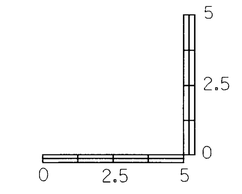
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12+260.000



12+240.000



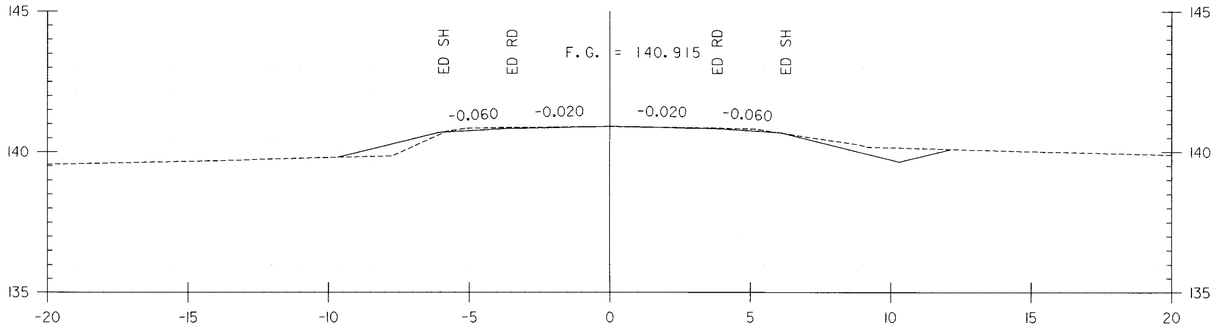
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

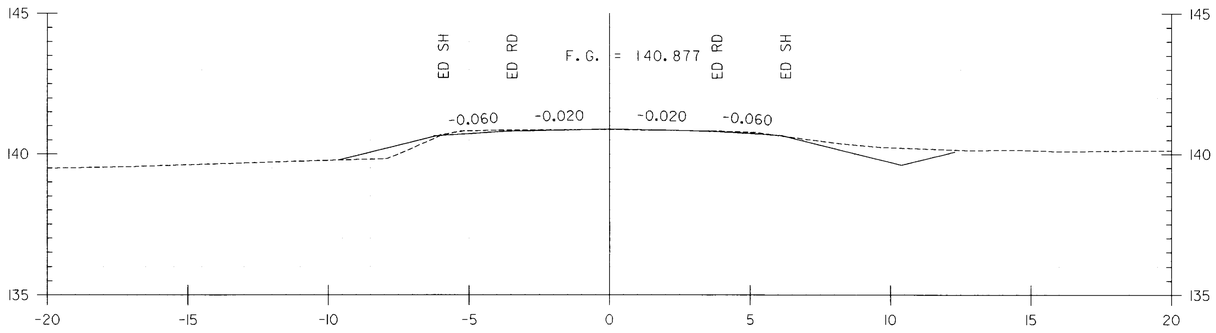
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

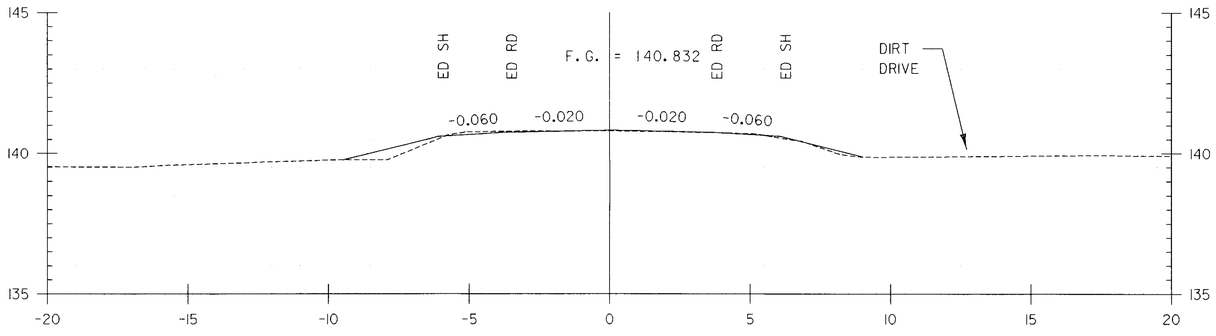
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



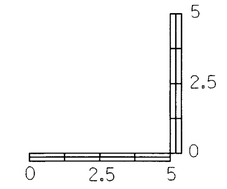
12+320.000



12+312.700



12+300.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

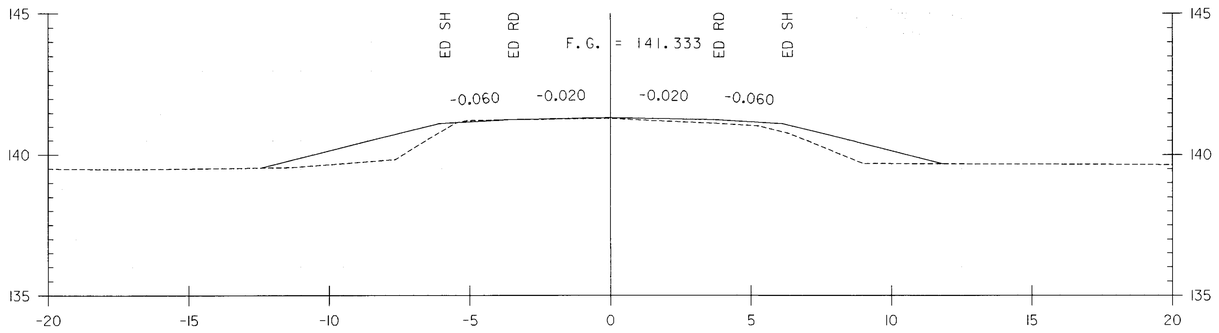
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

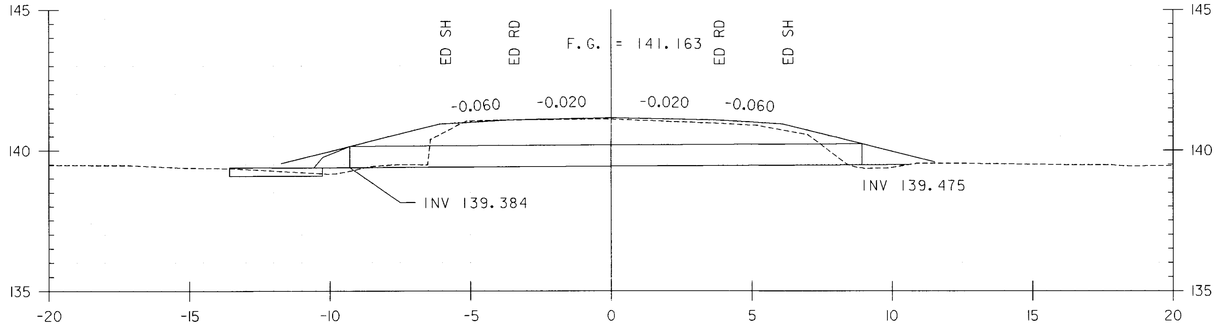
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

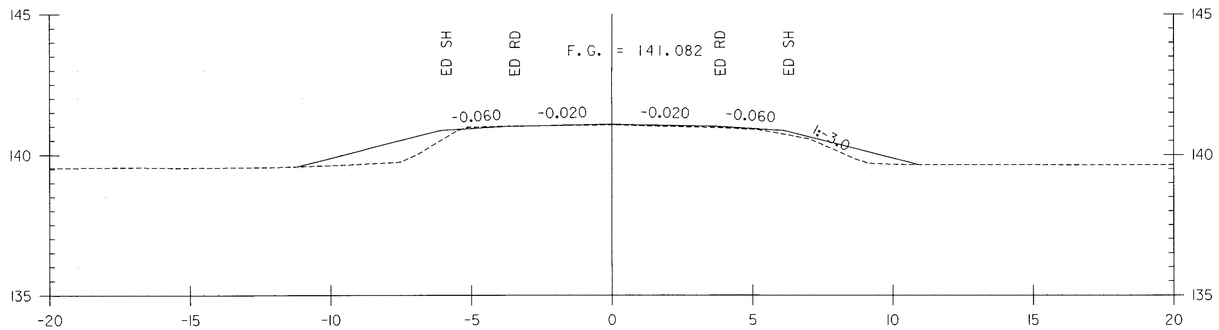
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



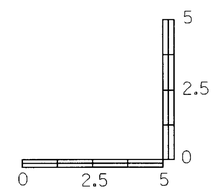
12+360.000



12+347.000



12+340.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

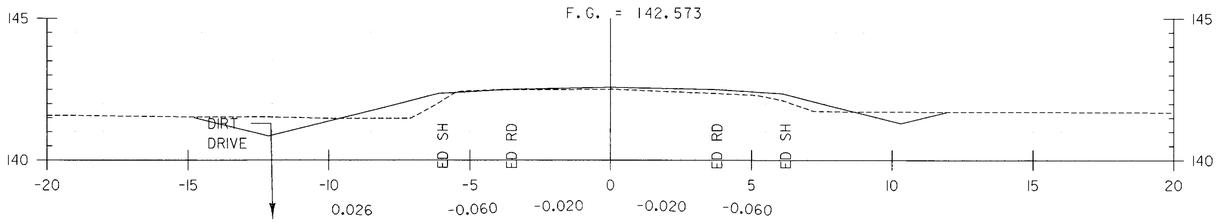
DATUM

VERTICAL	NAVD 88
HORIZONTAL	NAD 83

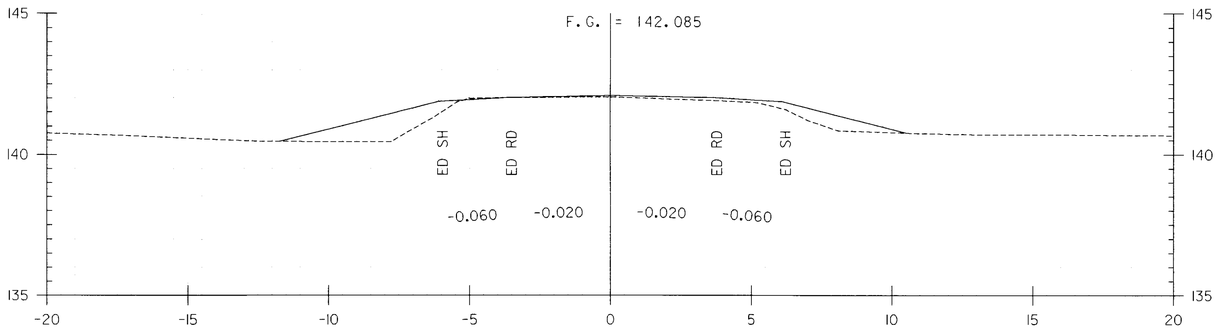
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

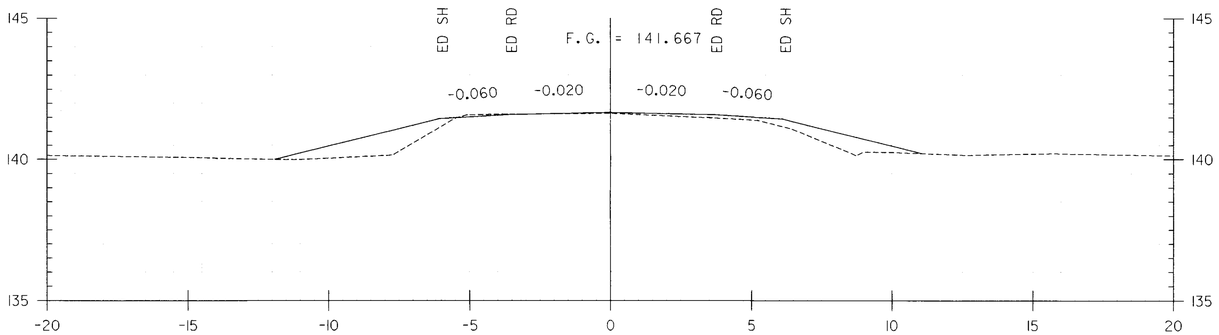
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



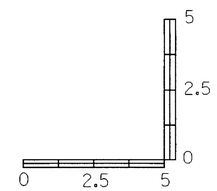
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12+400.000



12+380.000



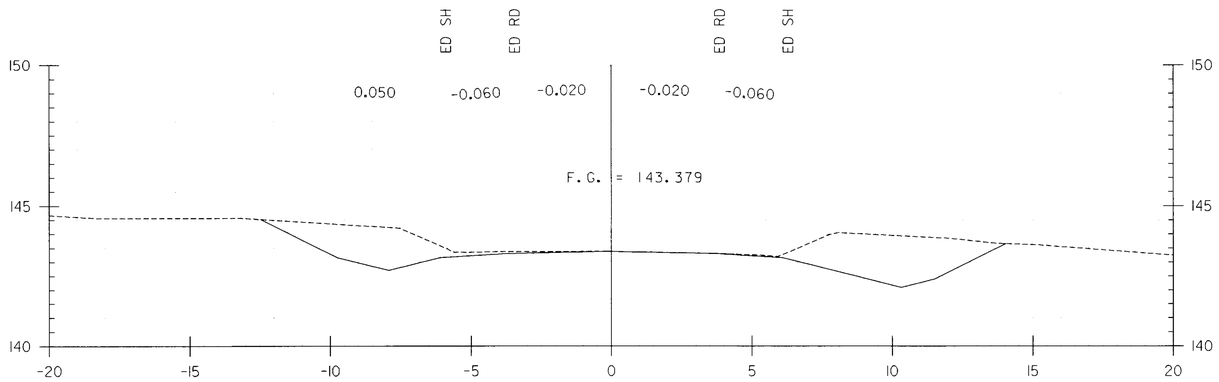
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DATUM

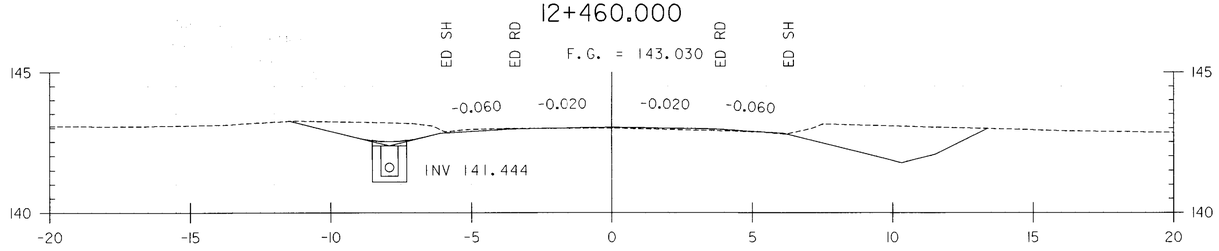
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

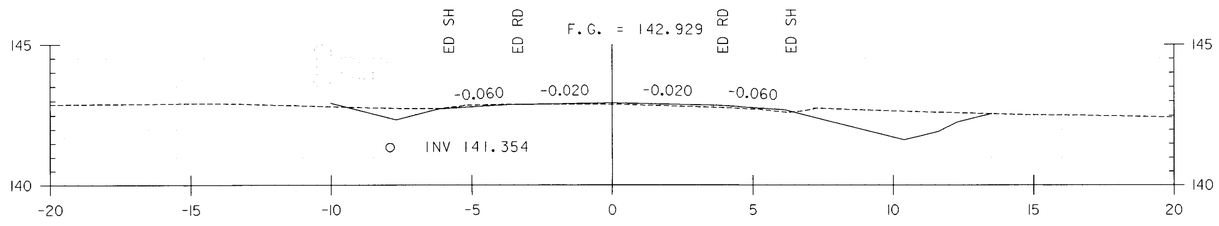
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



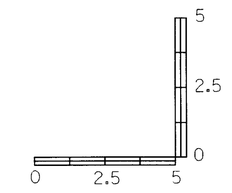
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12+440.000



12+435.300



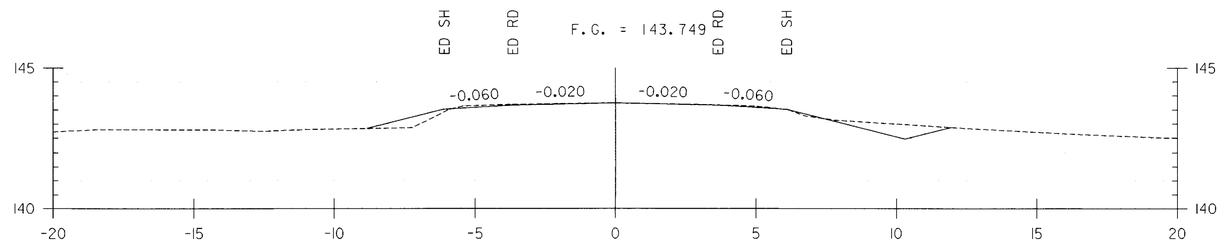
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DATUM

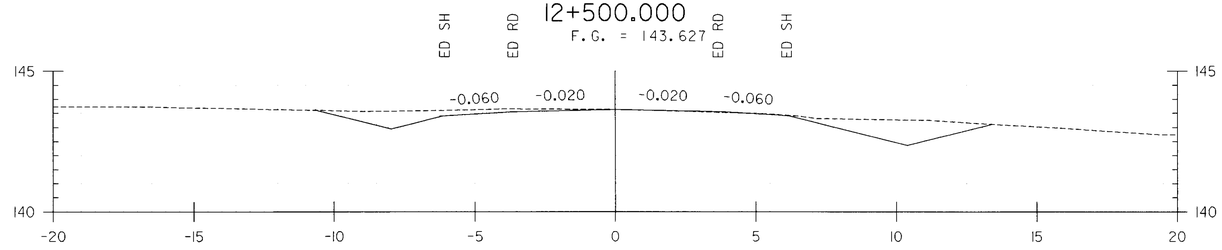
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

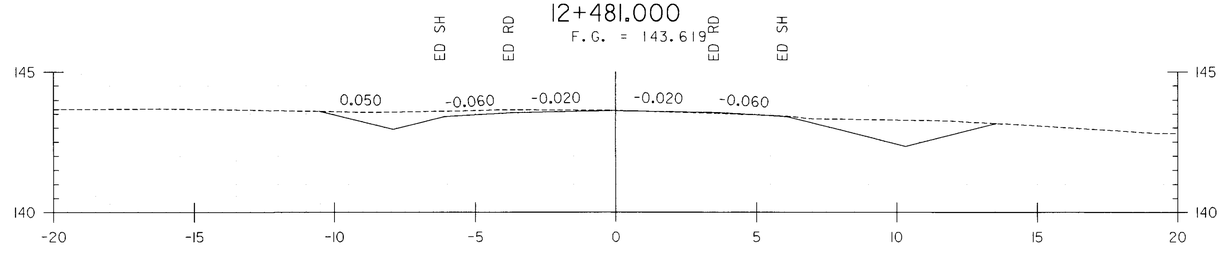
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



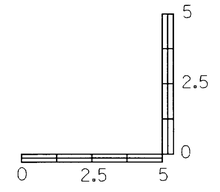
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12+481.000



12+480.000



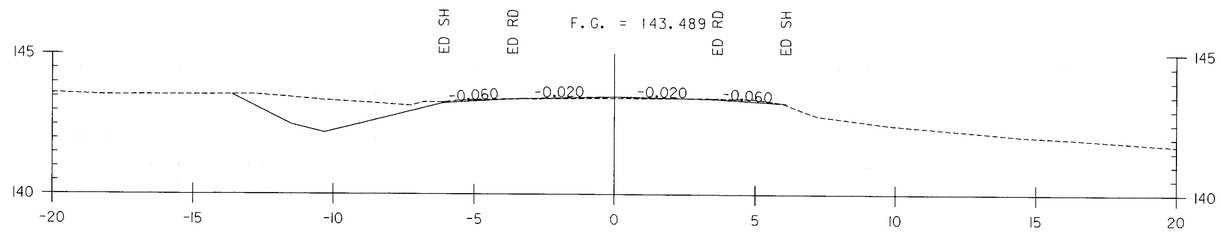
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VERTICAL SCALE = 1:100

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

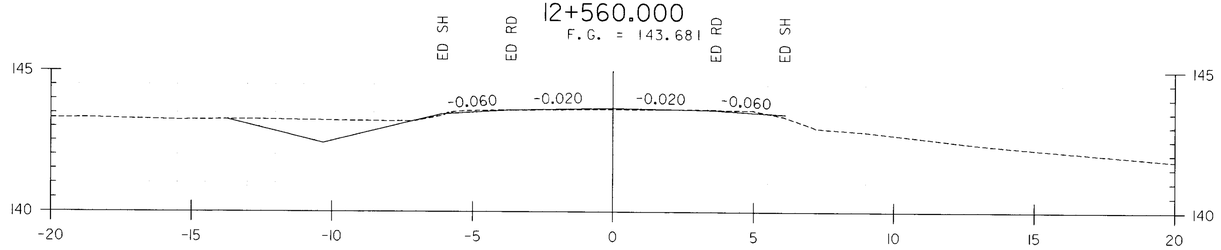
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

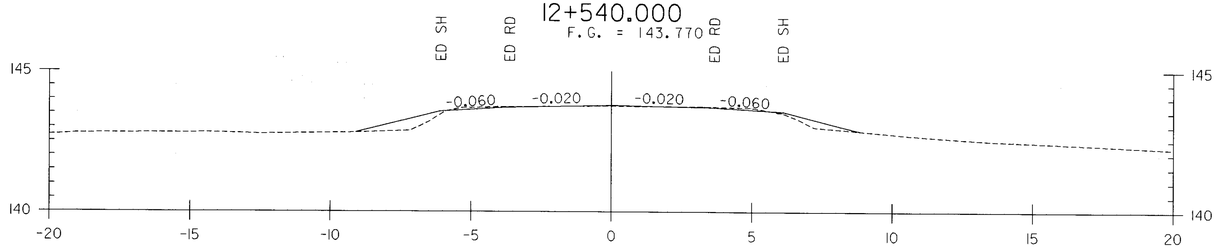
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



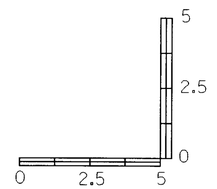
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12+540.000



12+520.000

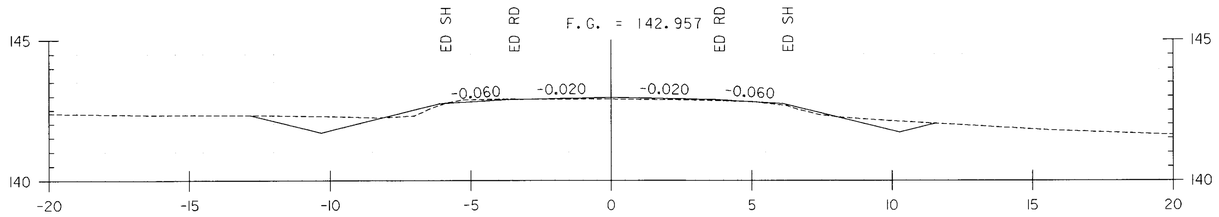


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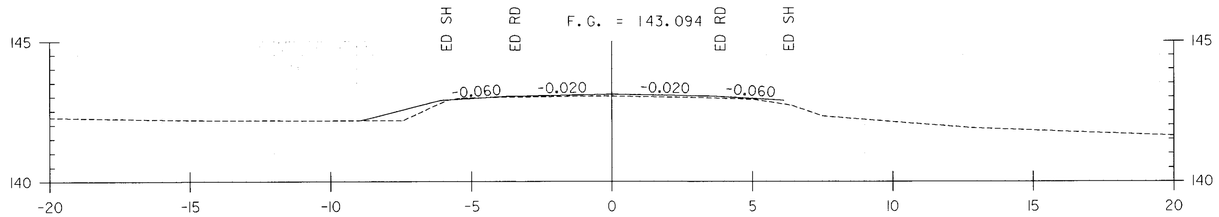
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

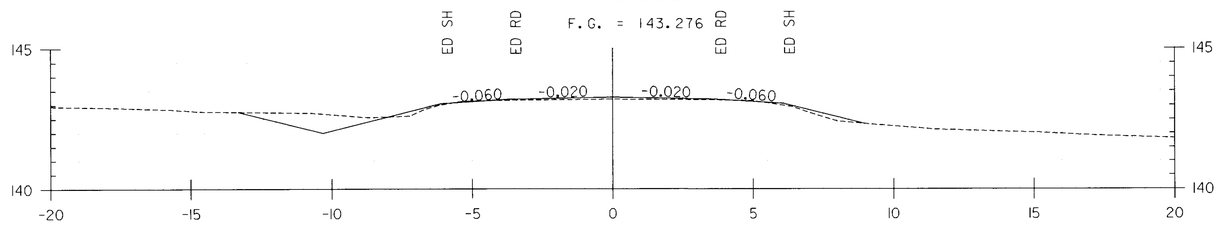
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



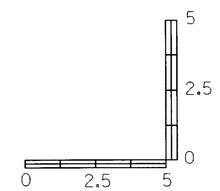
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12+600.000



12+580.000

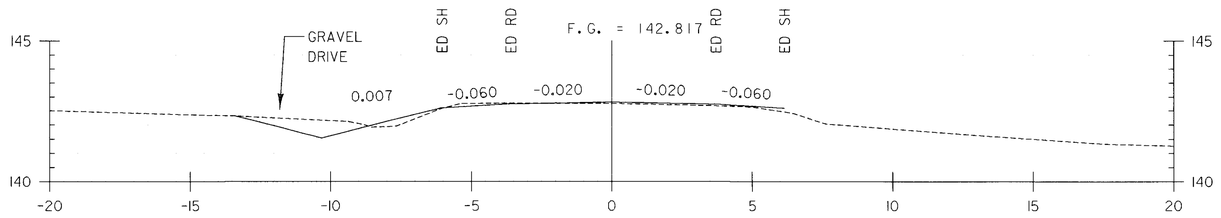


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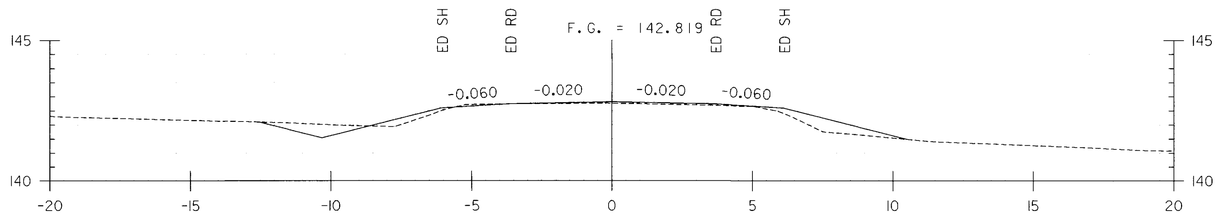
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

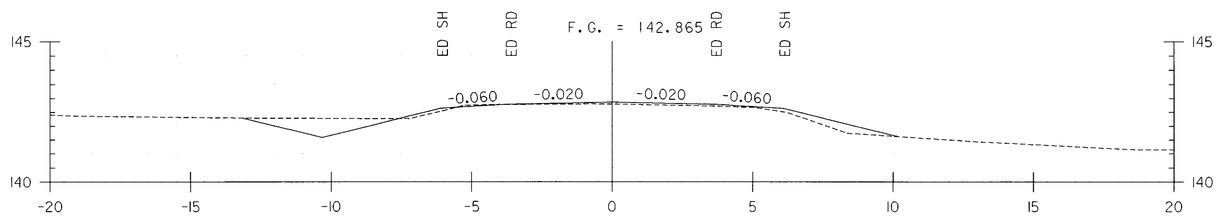
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IPARM FILE NAME:	PLOT DATE: $DATE$
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



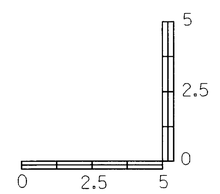
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12+660.000



12+640.000



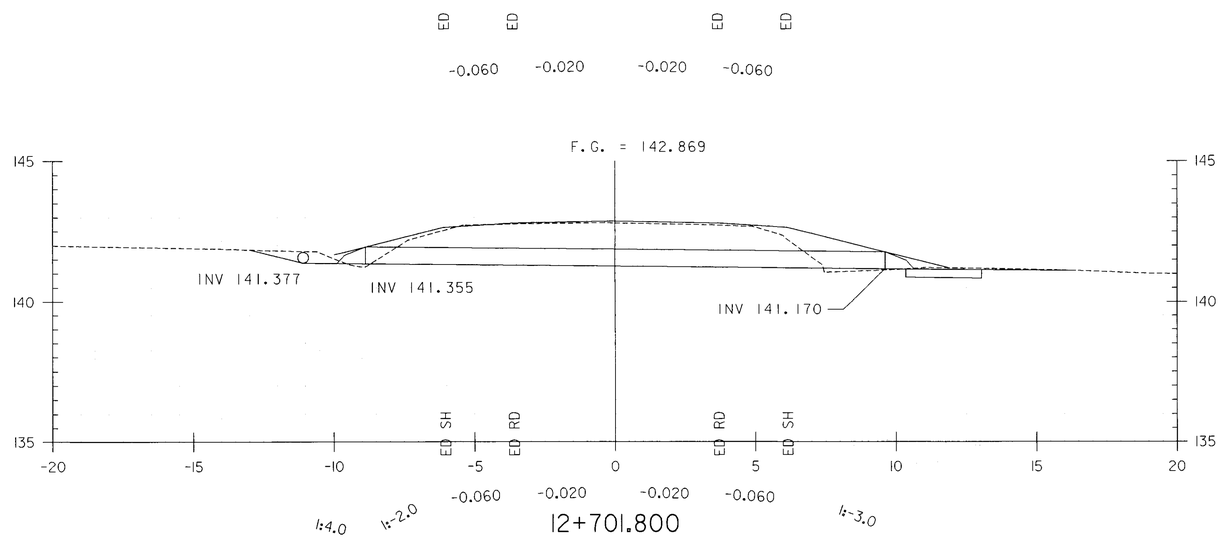
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DATUM

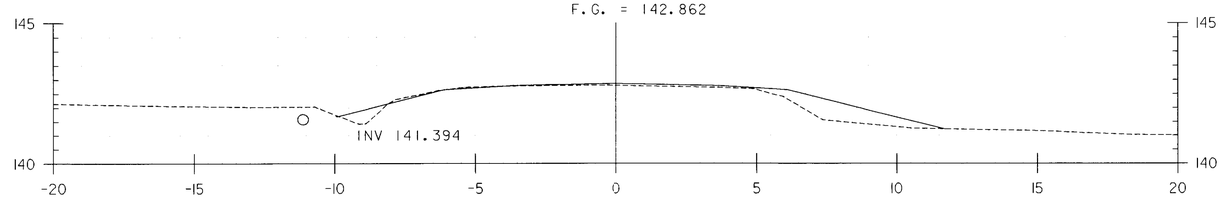
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

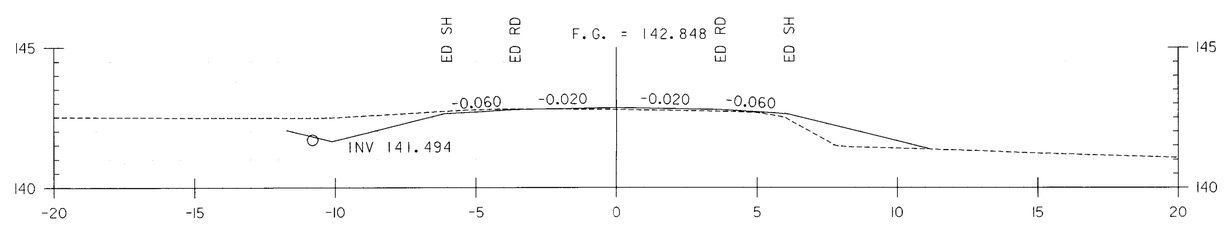
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



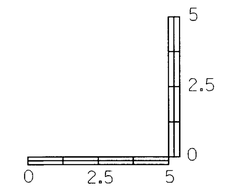
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12+700.000



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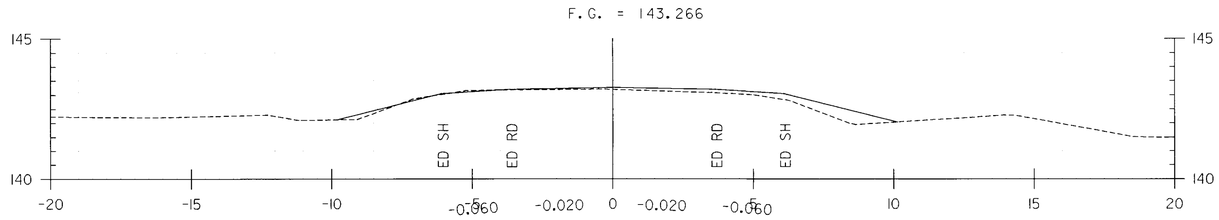


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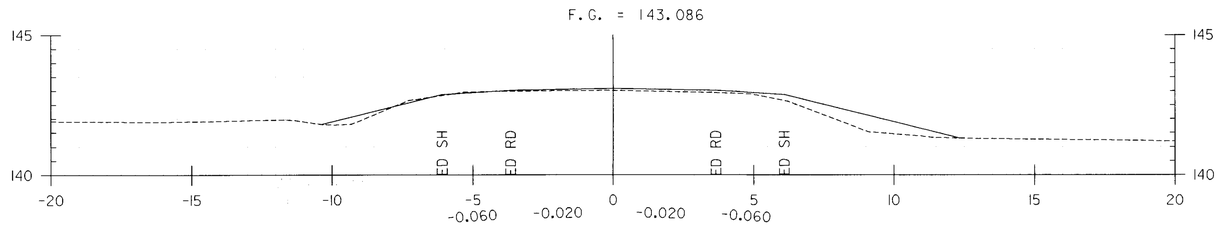
DATUM

VERTICAL	NAVD 88
HORIZONTAL	NAD 83

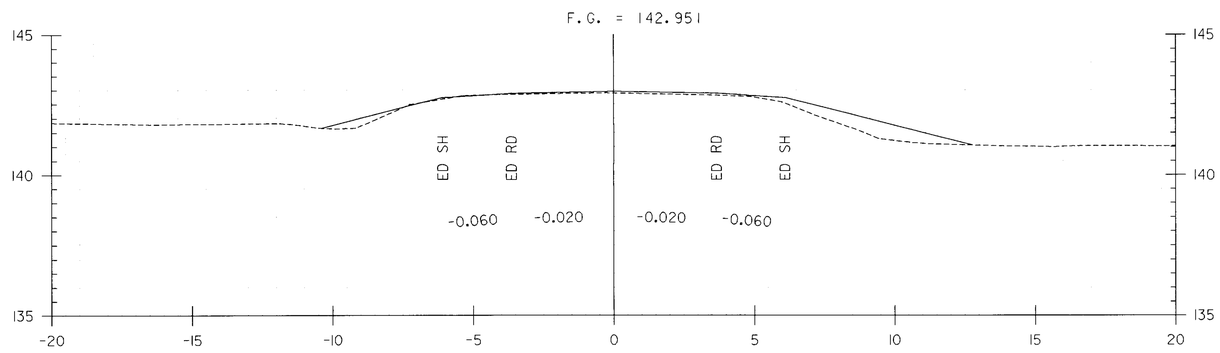
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: $FILE$	
IPARM FILE NAME:	PLOT DATE: $DATE$
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



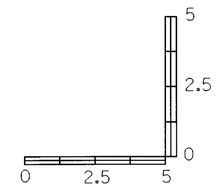
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12+720.000

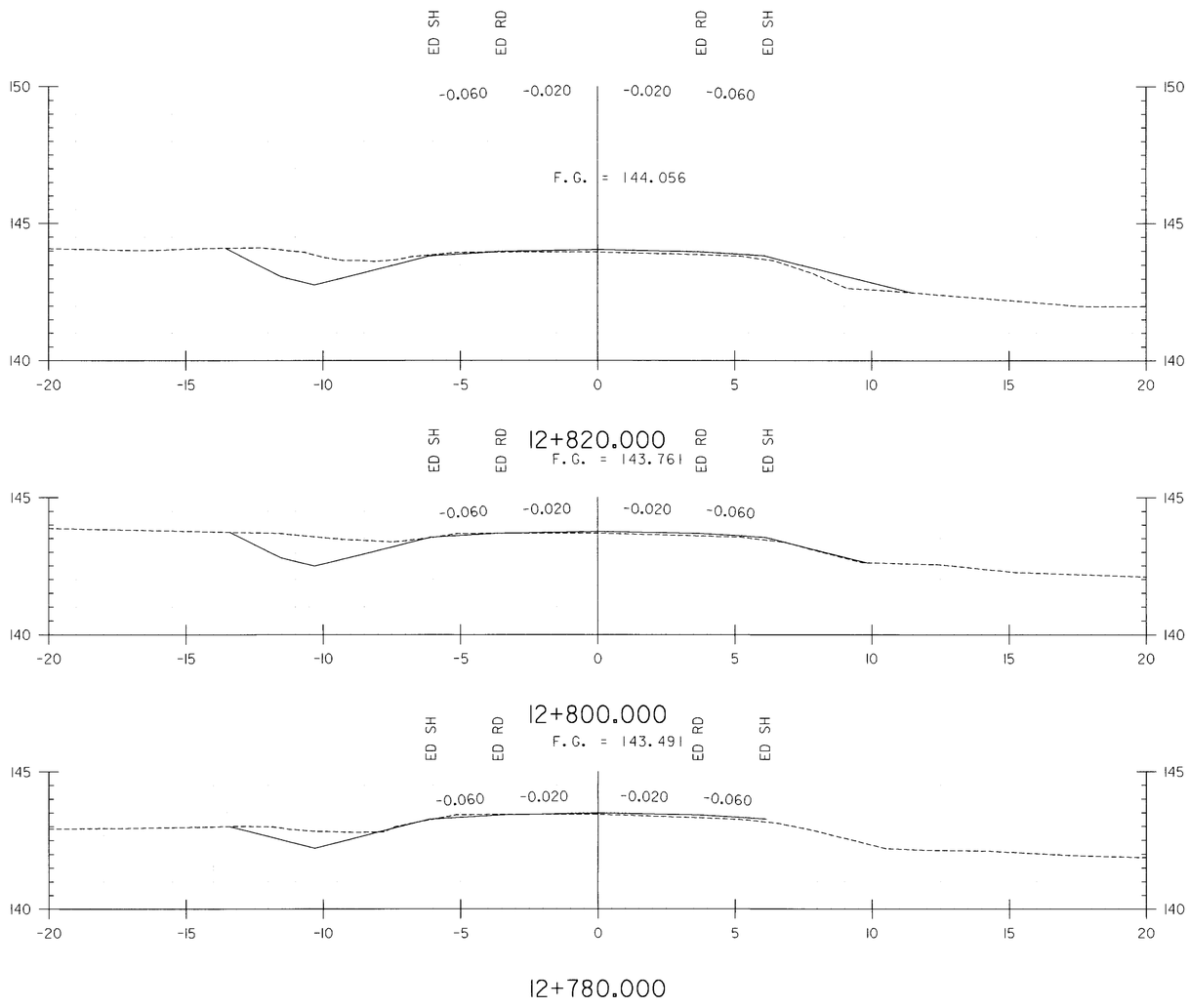


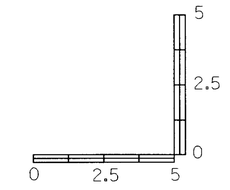
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VERTICAL SCALE = 1:100

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106





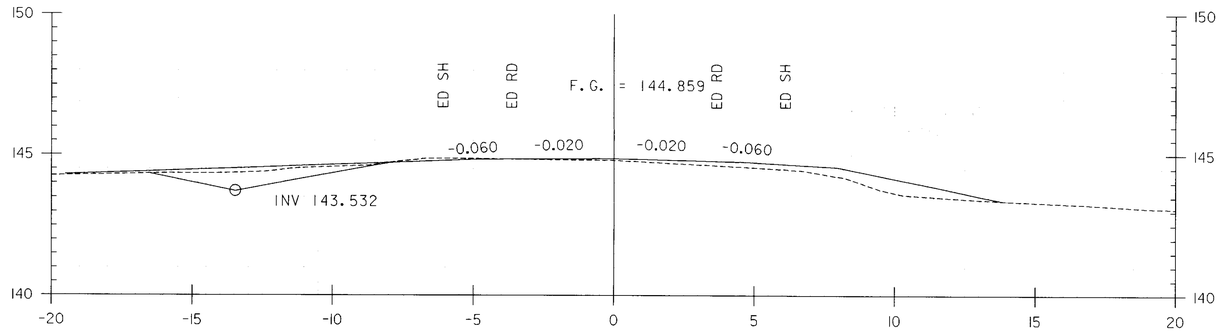
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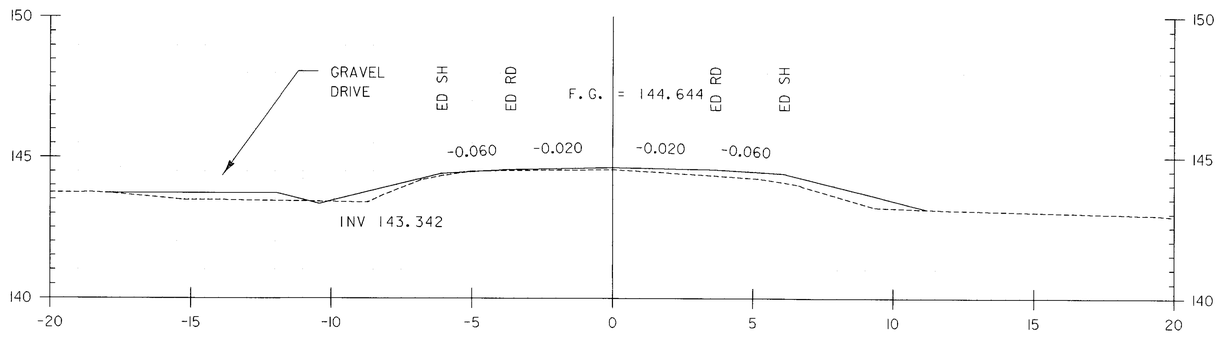
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

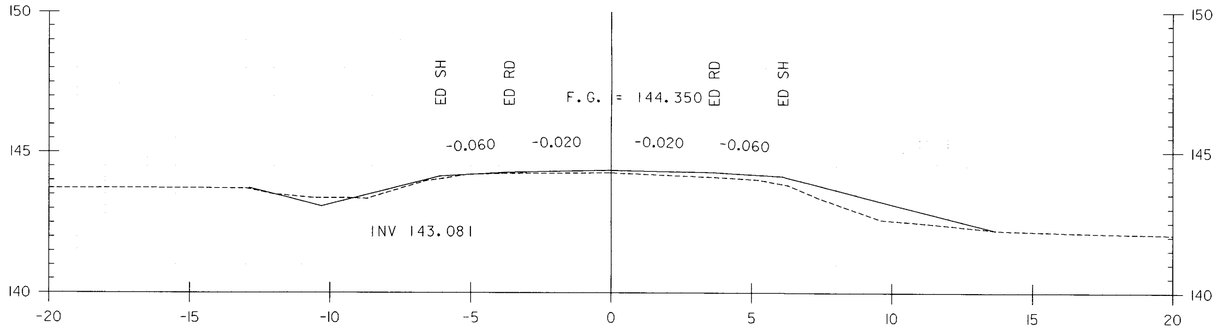
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SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



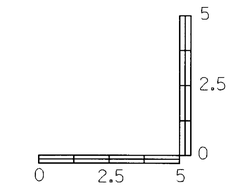
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12+860.000



12+840.000



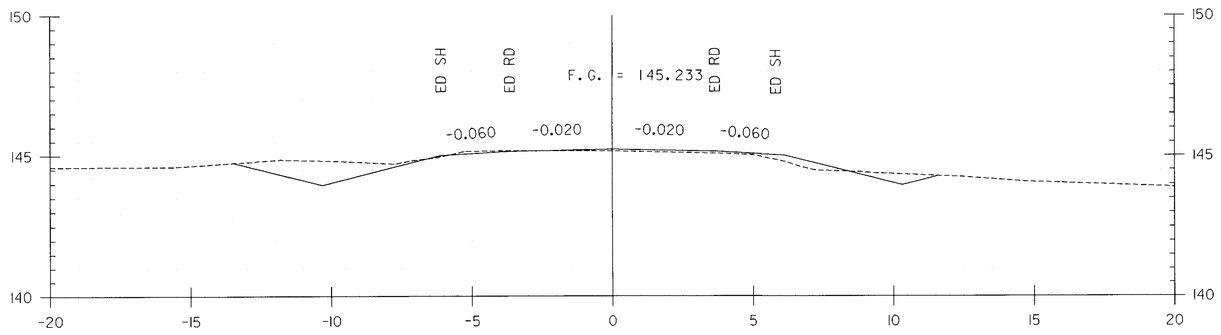
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DATUM

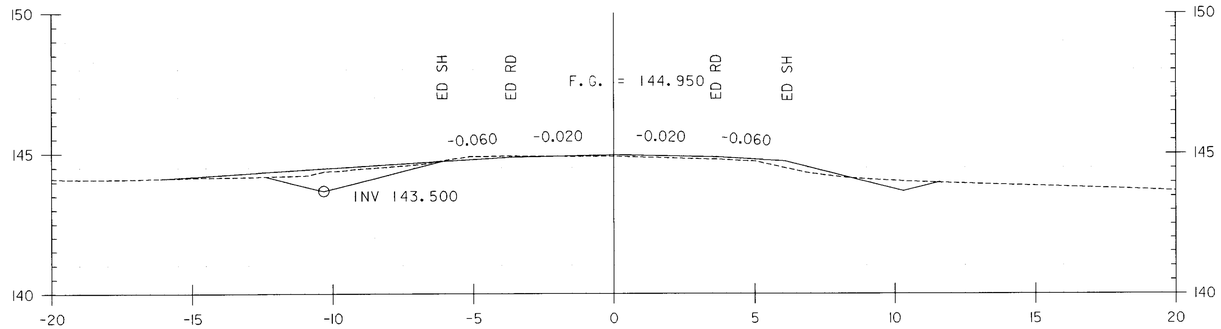
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

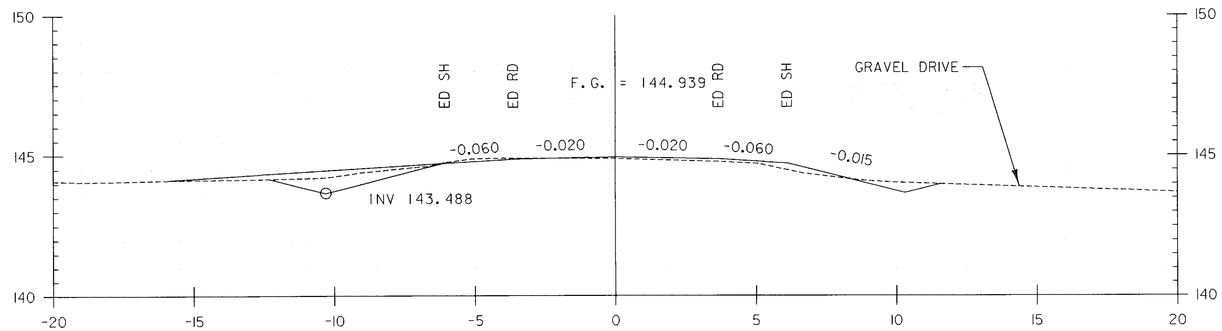
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



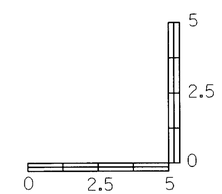
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12+880.800



12+880.000



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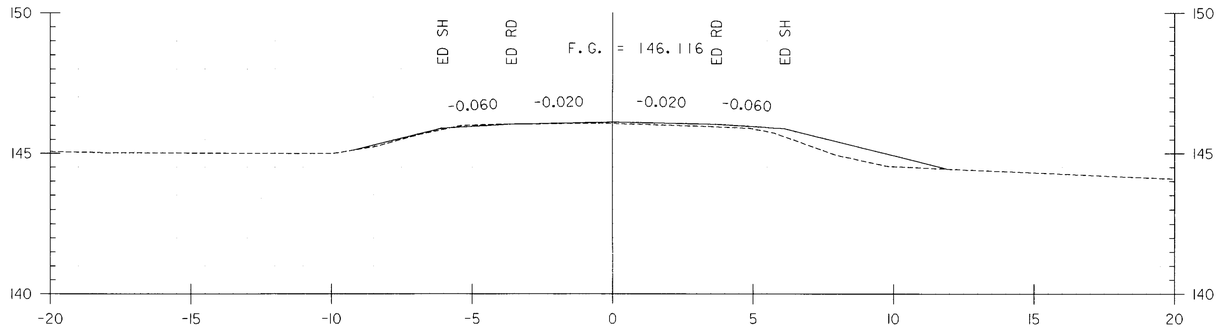
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

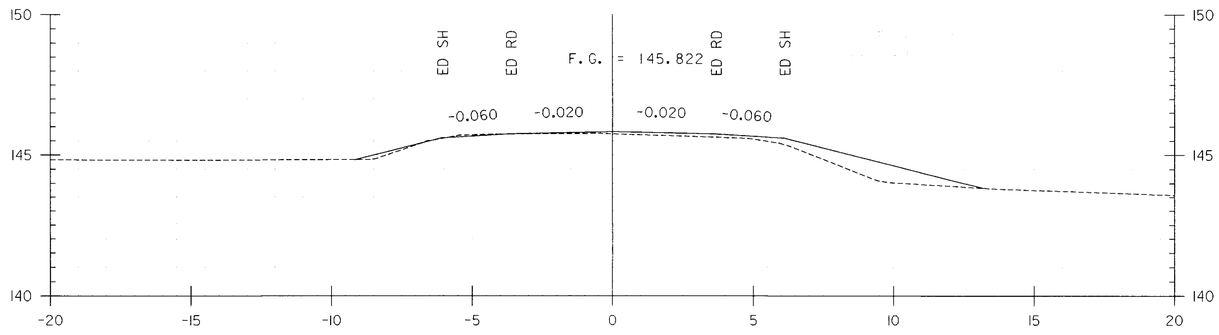
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

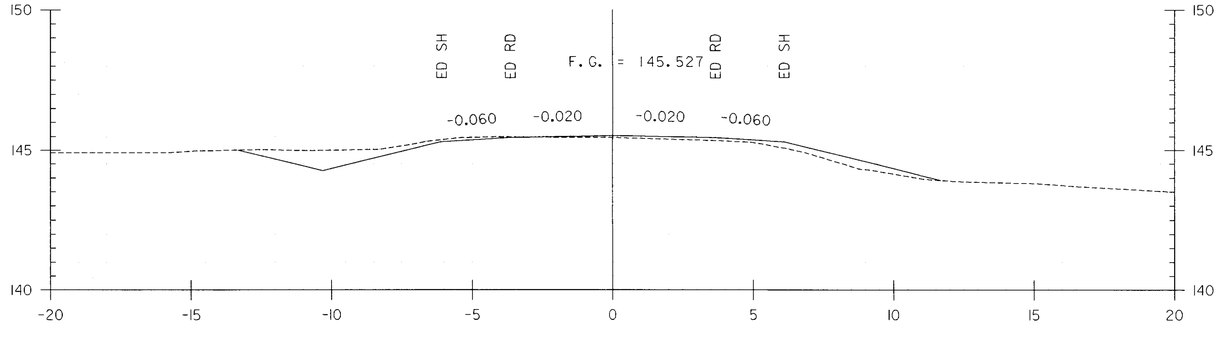
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SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



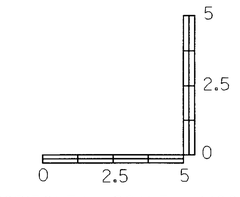
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12+940.000



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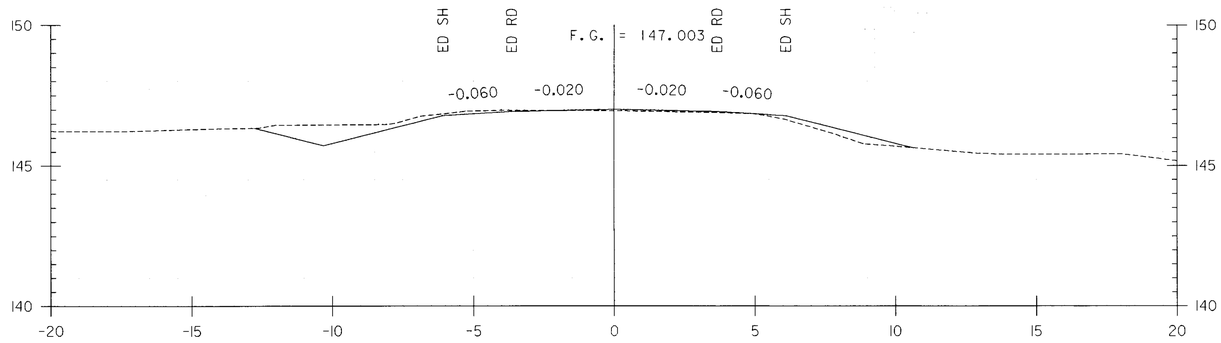
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

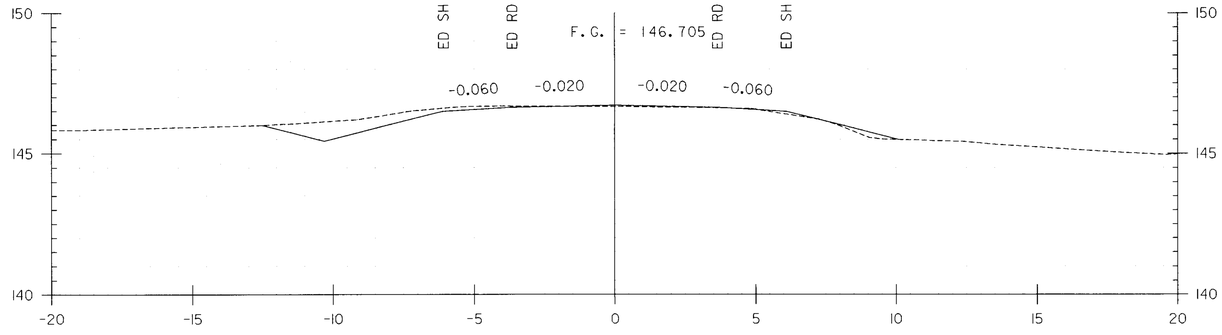
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

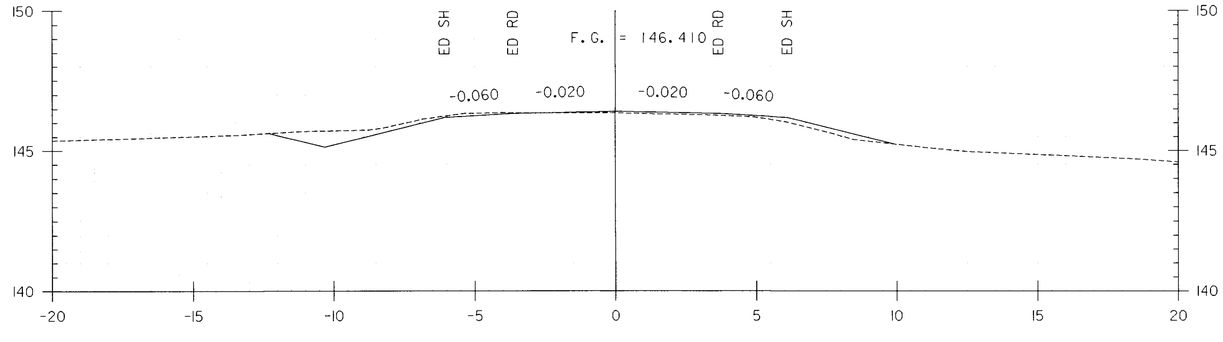
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IPARM FILE NAME:	PLOT DATE: $DATE$
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 53 OF 106



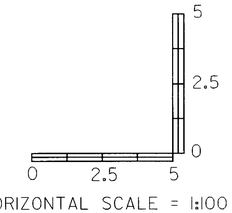
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13+000.000



12+980.000



HORIZONTAL SCALE = 1:100
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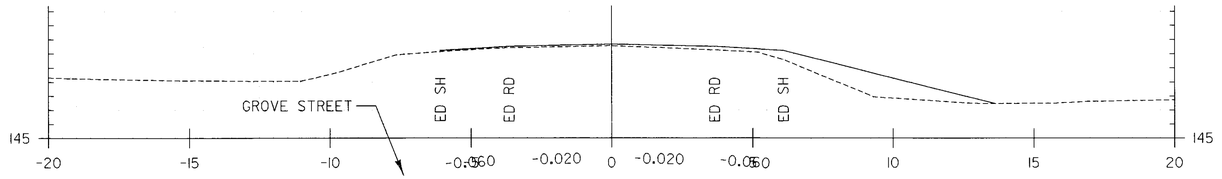
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

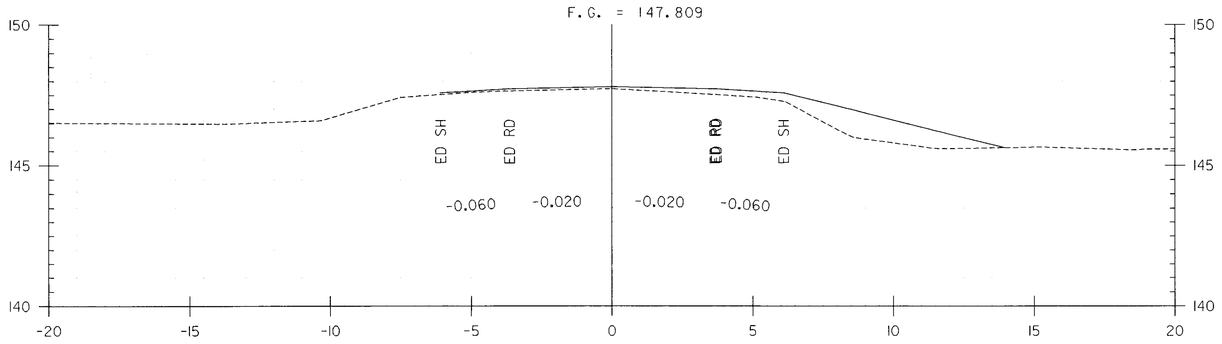
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

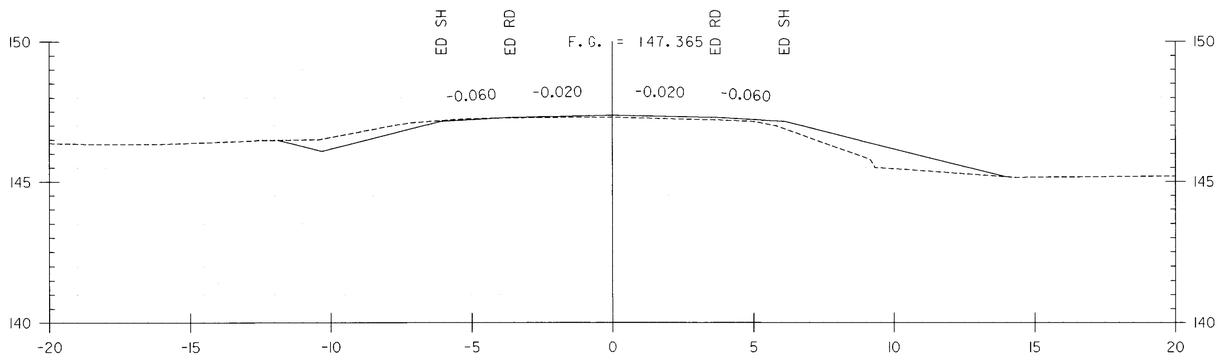
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



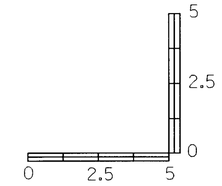
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13+060.000



13+040.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

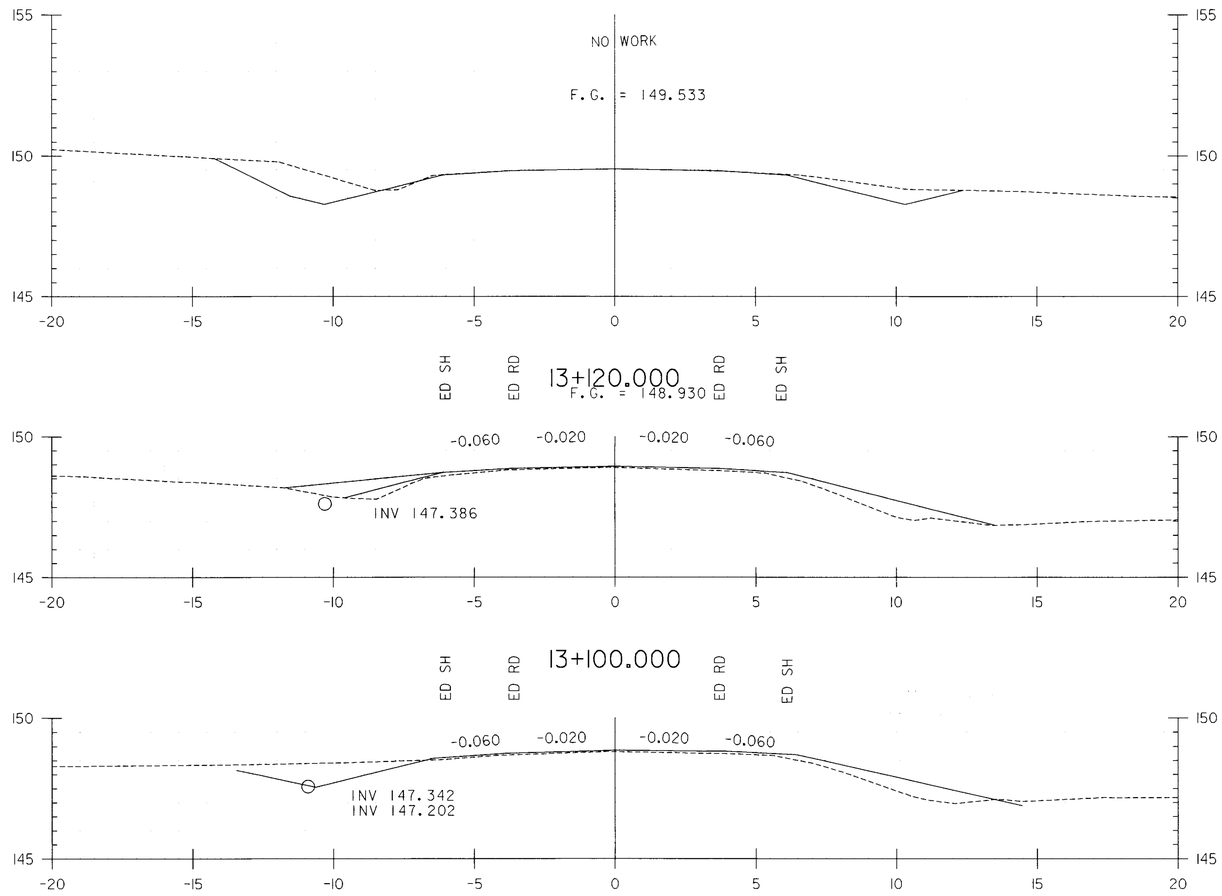
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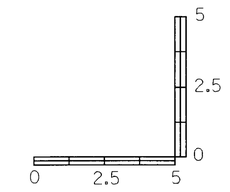
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



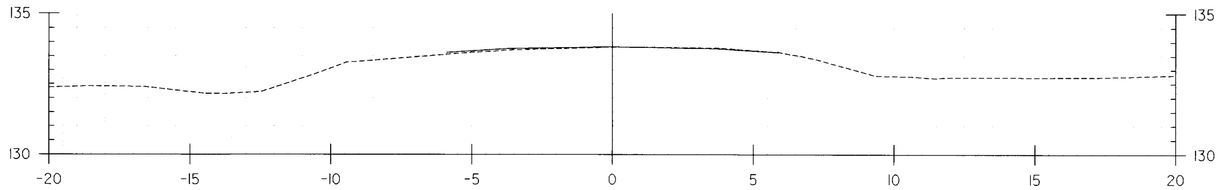


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VERTICAL SCALE = 1:100

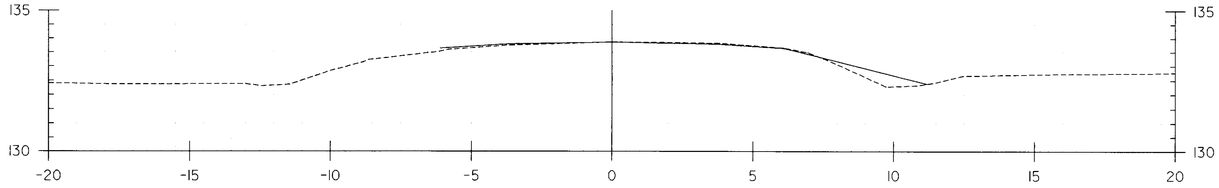
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

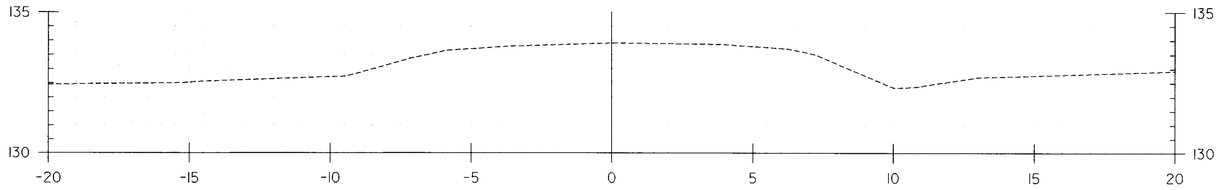
DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106



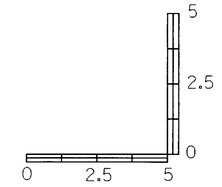
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100+050.000



100+040.000

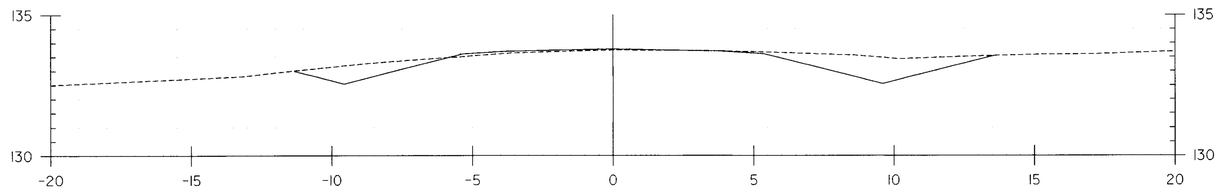


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

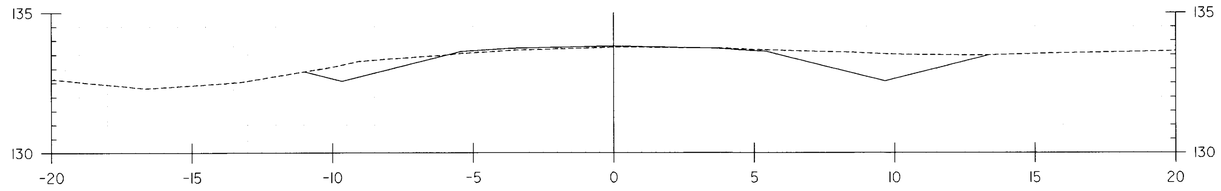
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

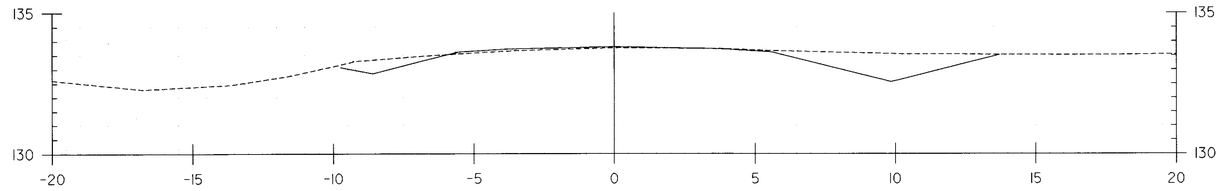
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



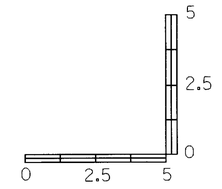
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100+080.000



100+077.400



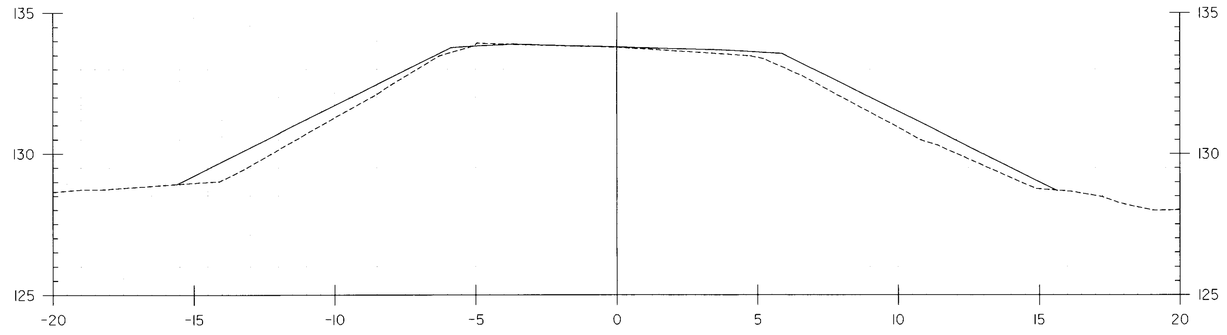
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DATUM

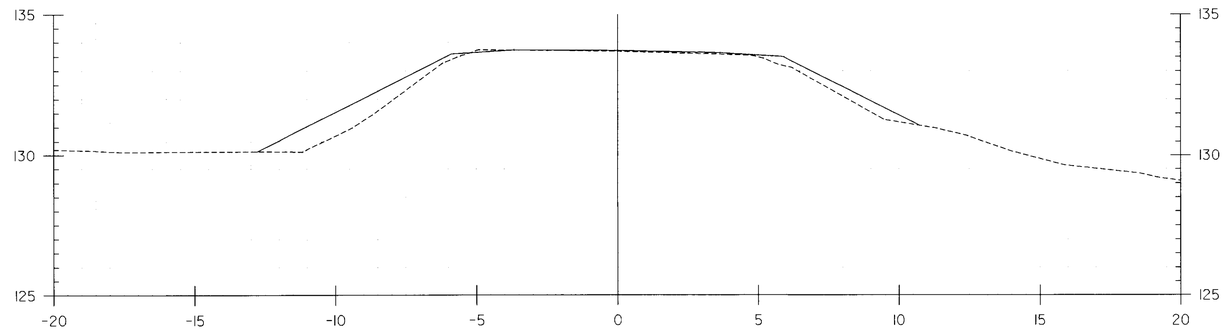
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106

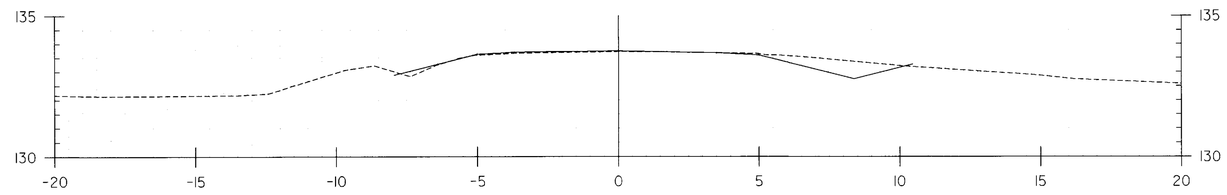
Metric



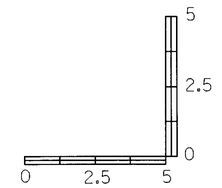
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100+120.000



100+100.000

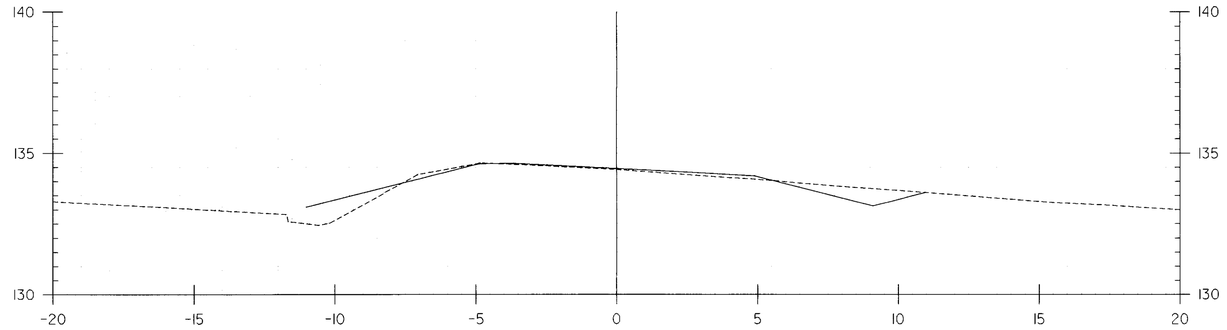


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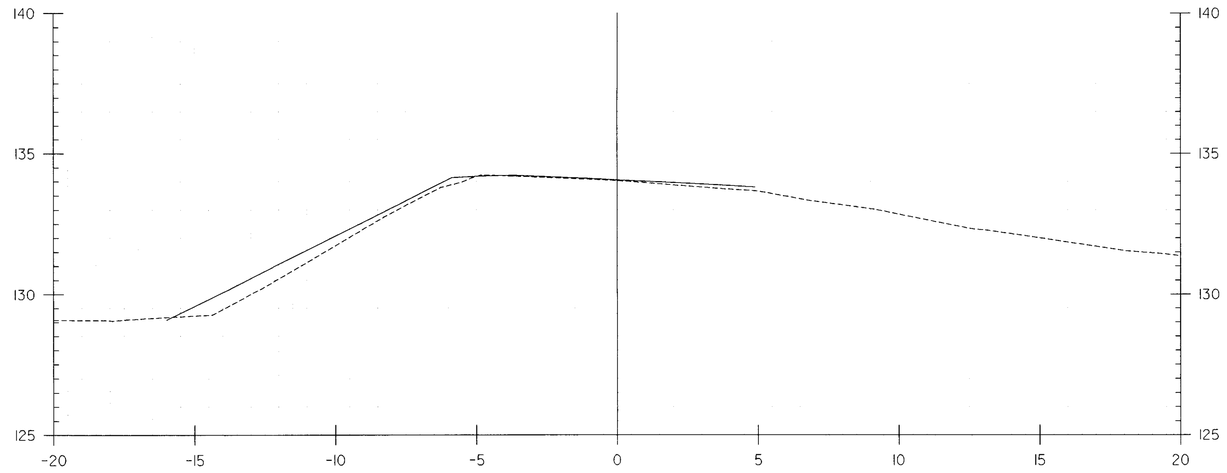
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106

DATUM

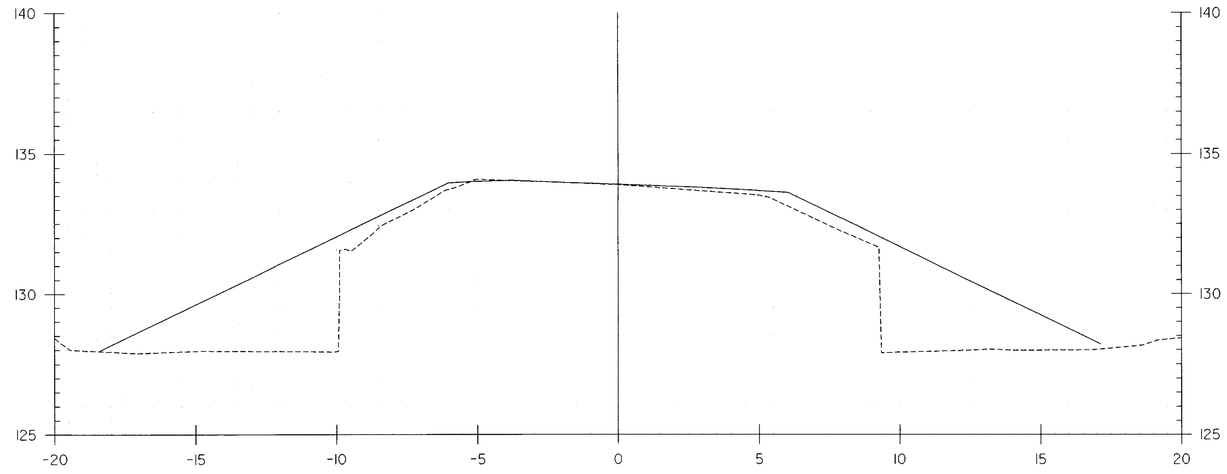
VERTICAL	NAVD 88
HORIZONTAL	NAD 83



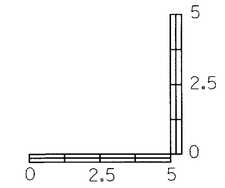
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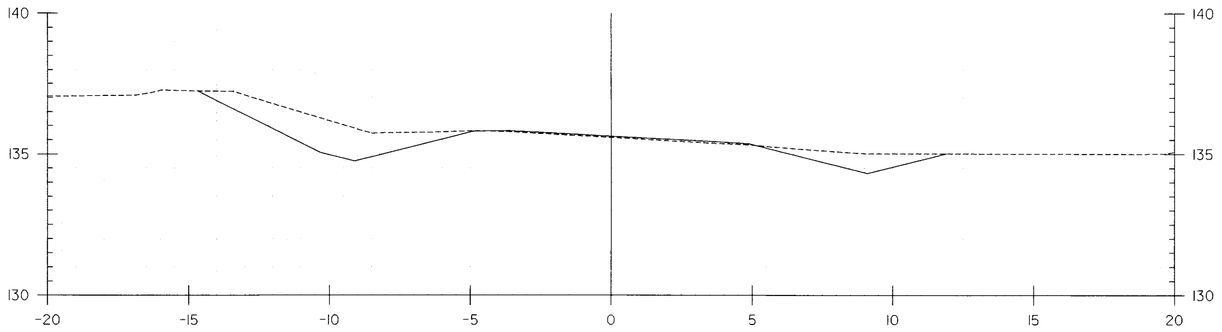


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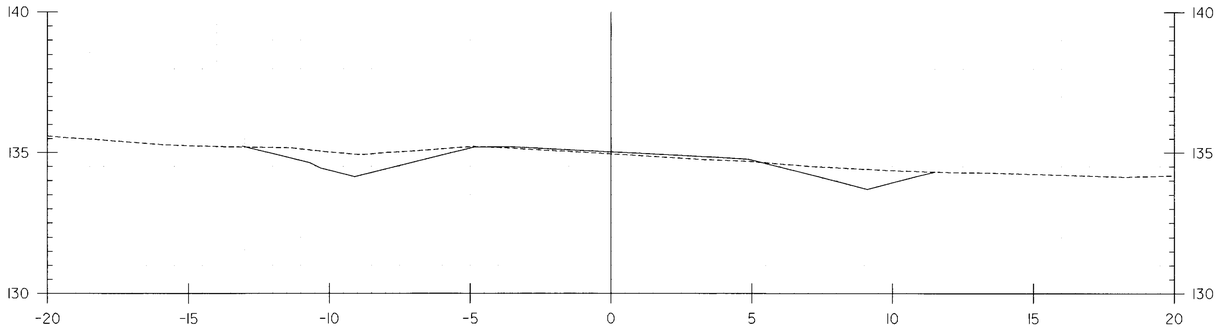
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

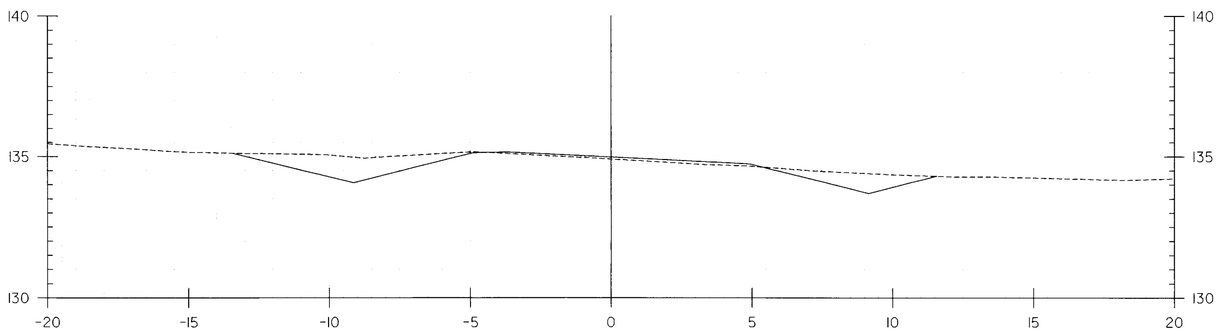
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



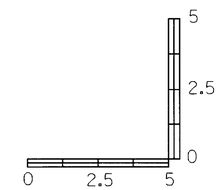
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100+200.000



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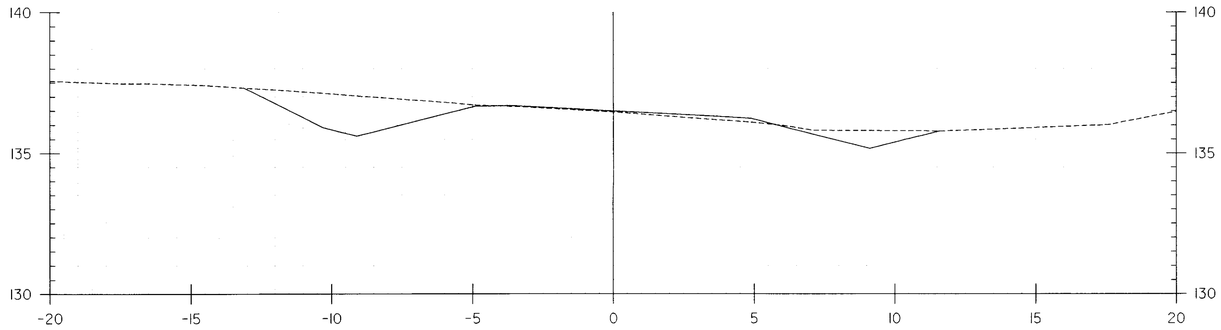
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DATUM

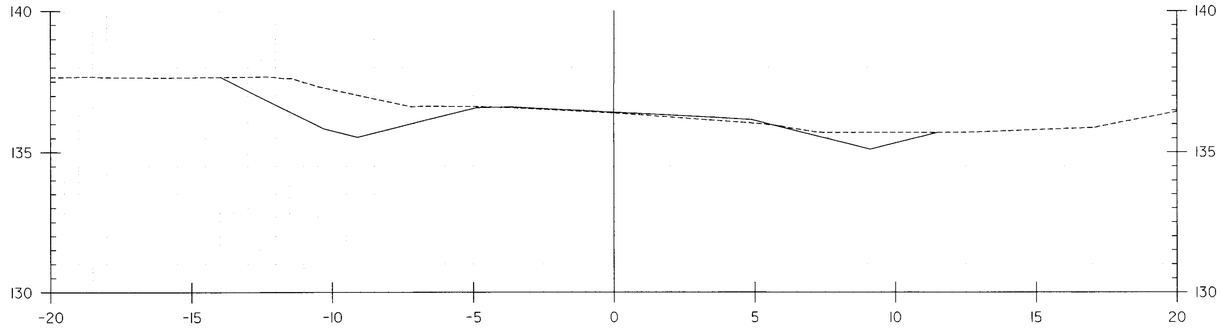
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106

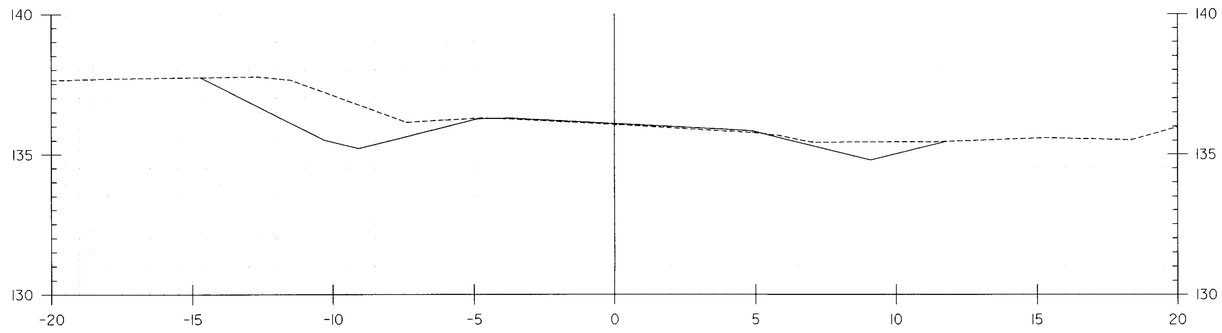
Metric



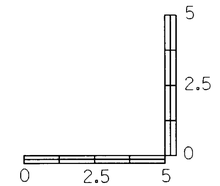
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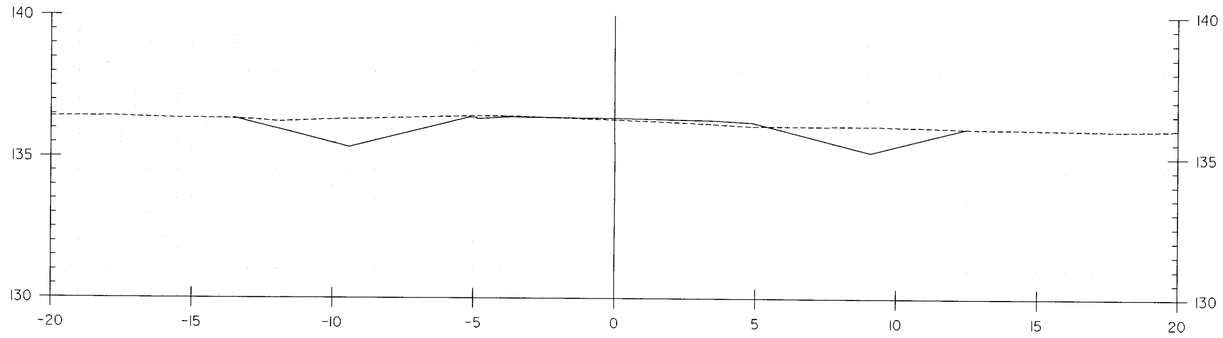


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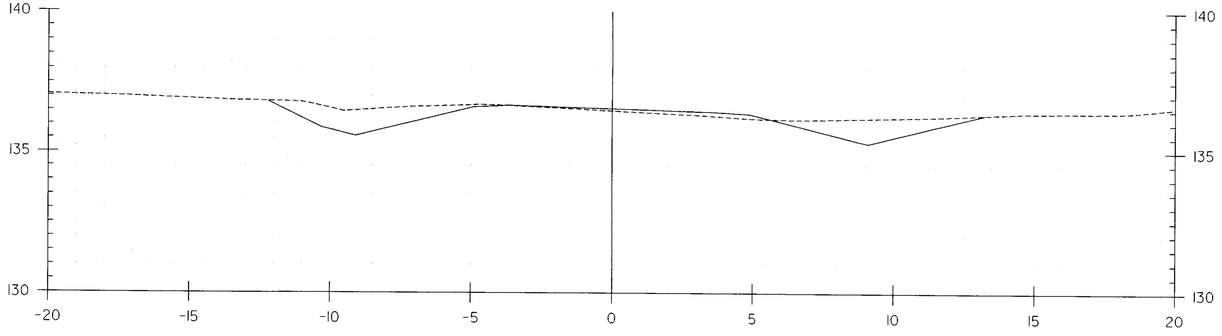
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

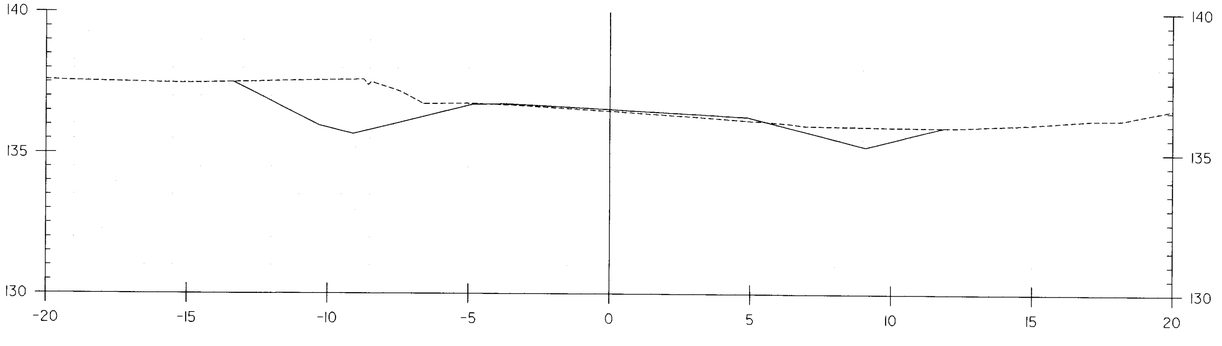
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



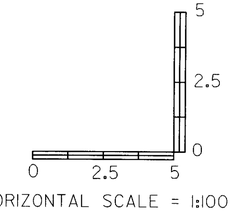
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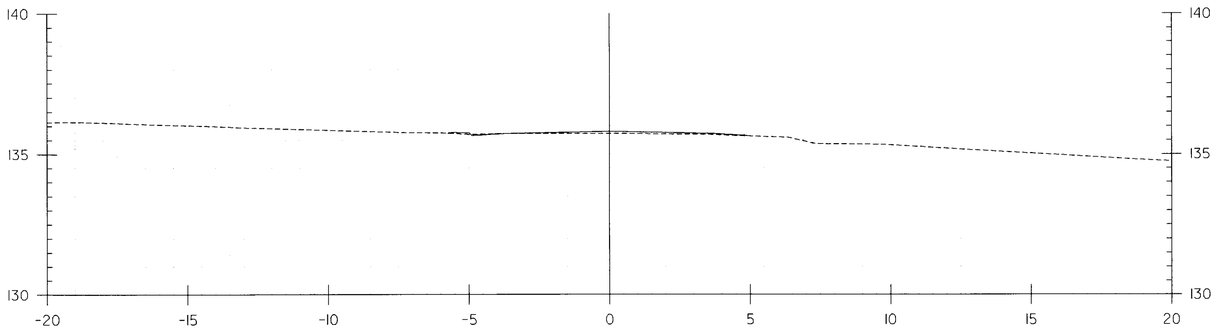
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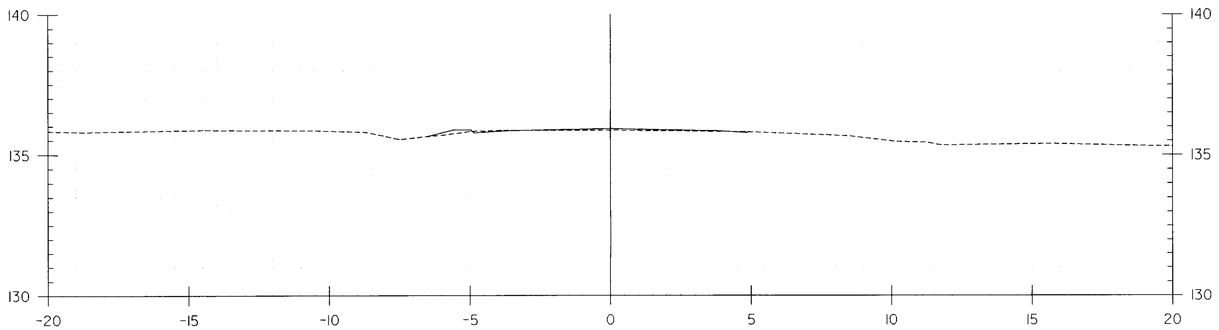
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER
PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106

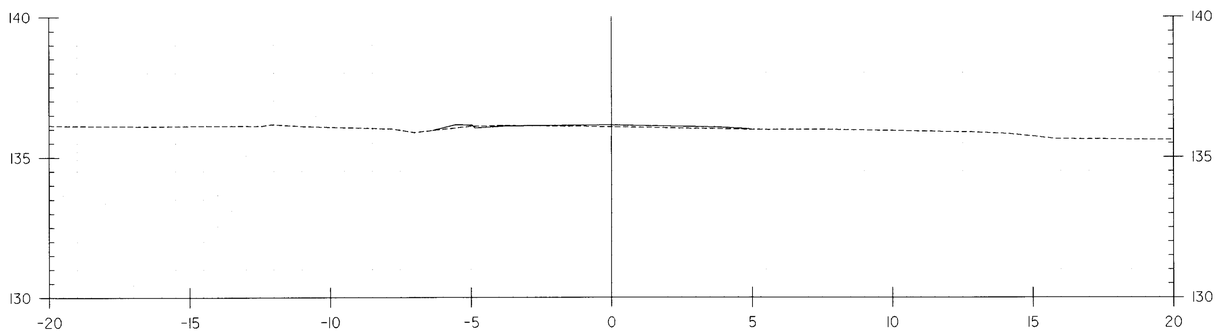
Metric



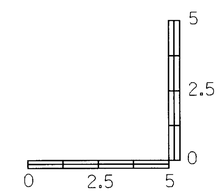
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100+360.000



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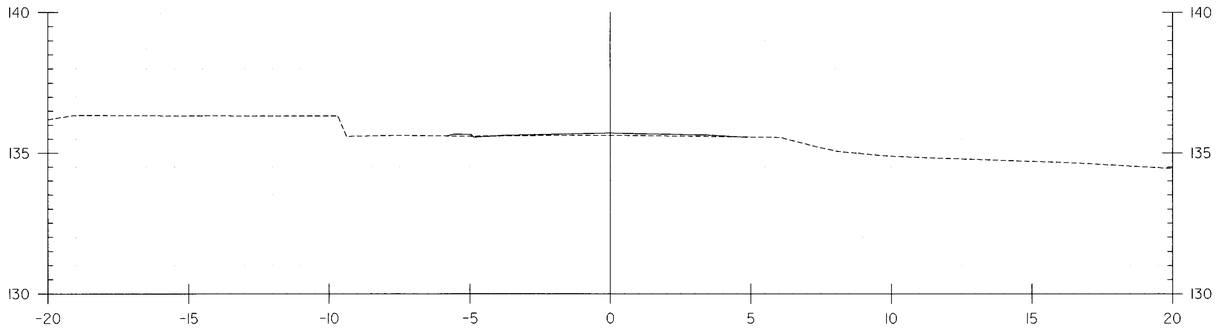
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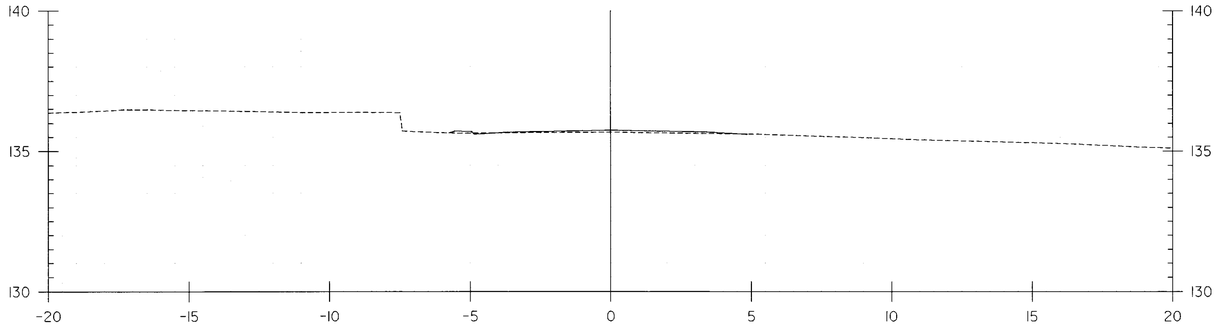
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

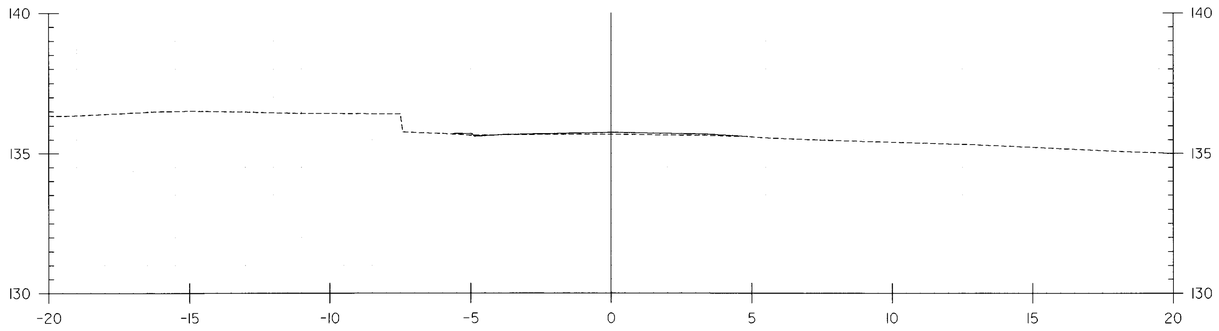
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



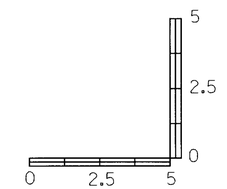
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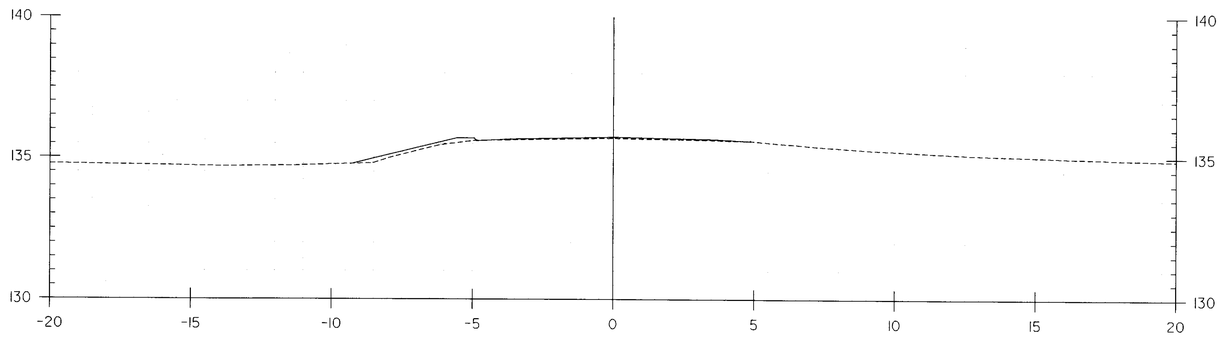


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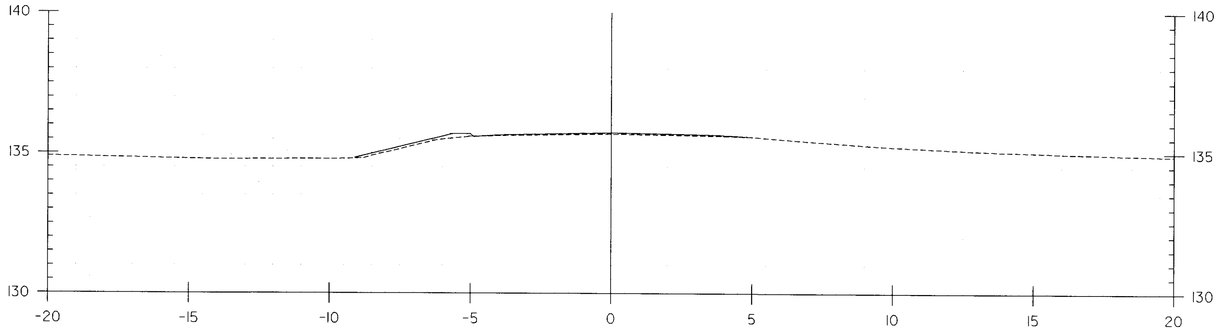
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

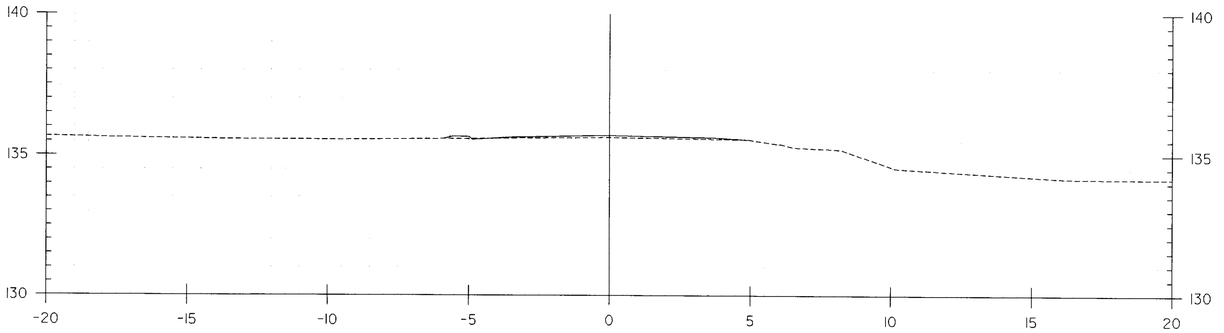
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DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



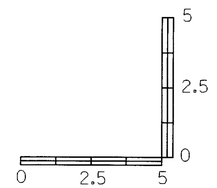
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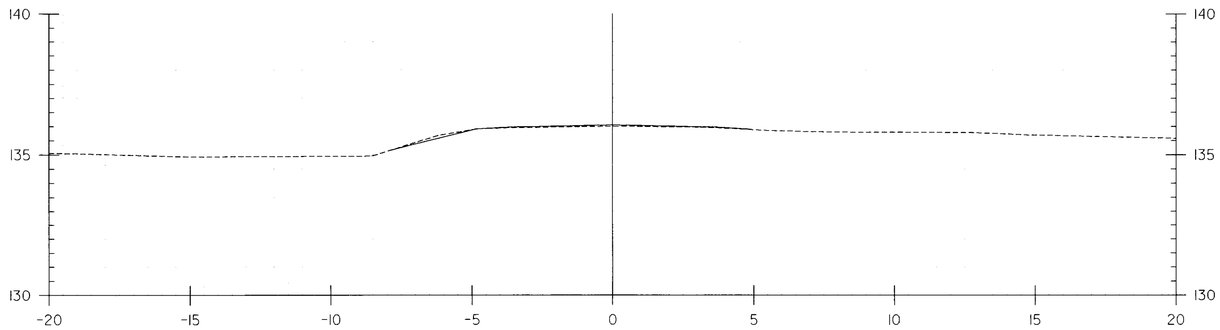
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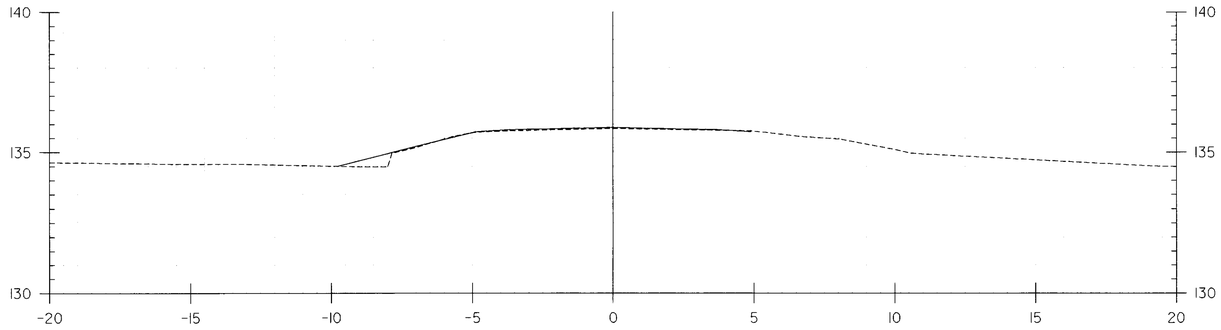
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

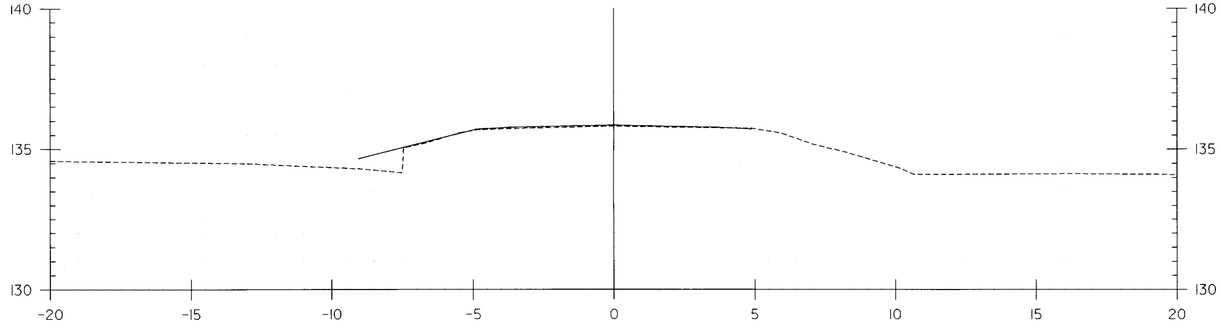
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PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



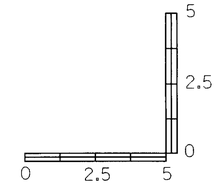
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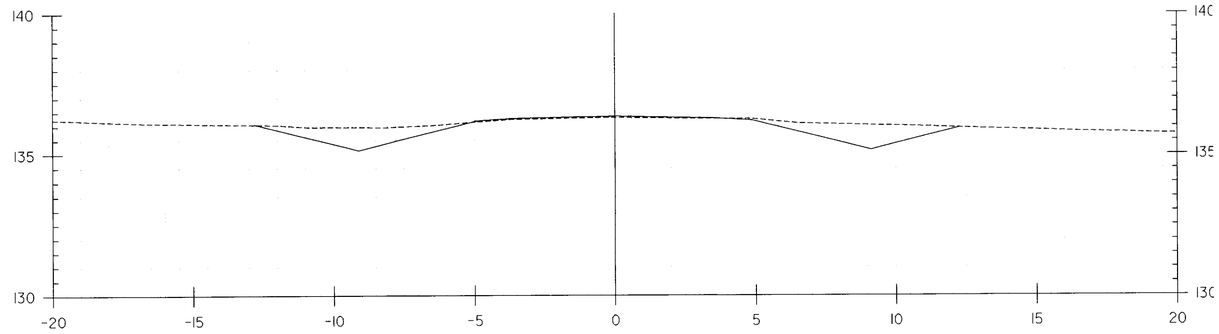


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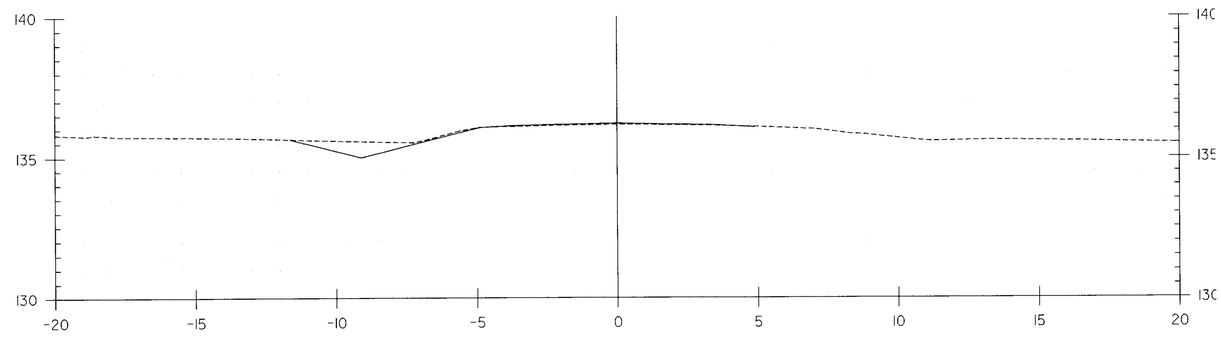
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

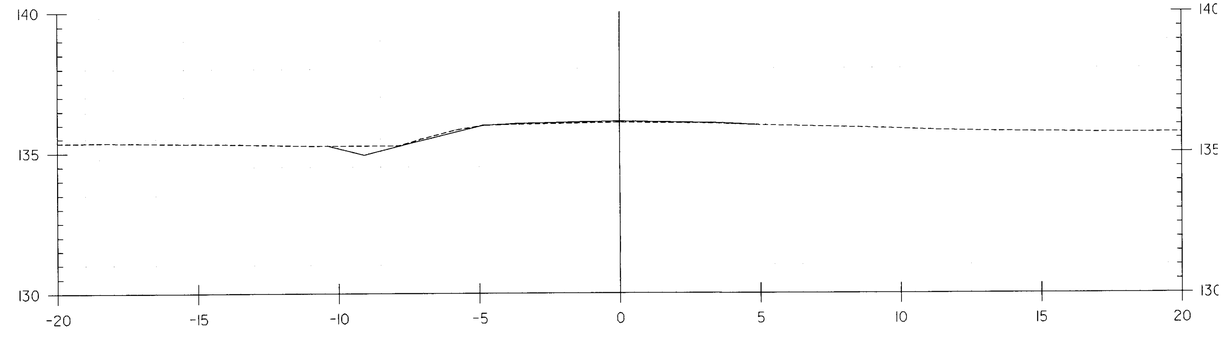
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



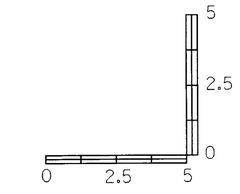
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100+480.000



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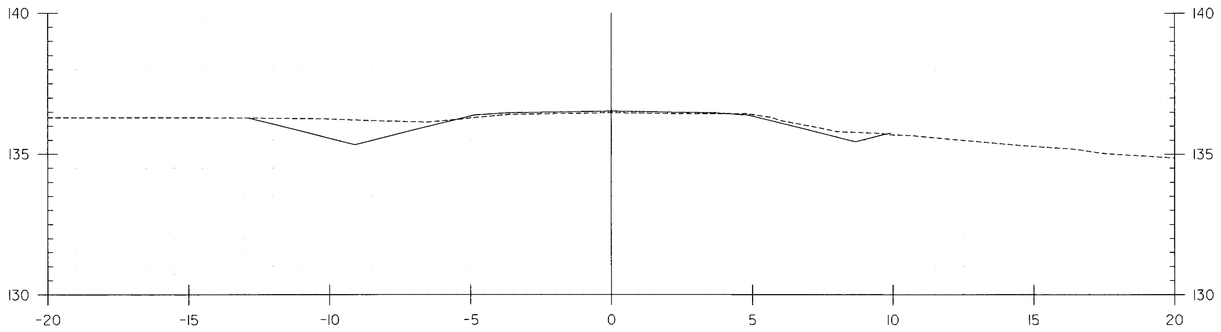


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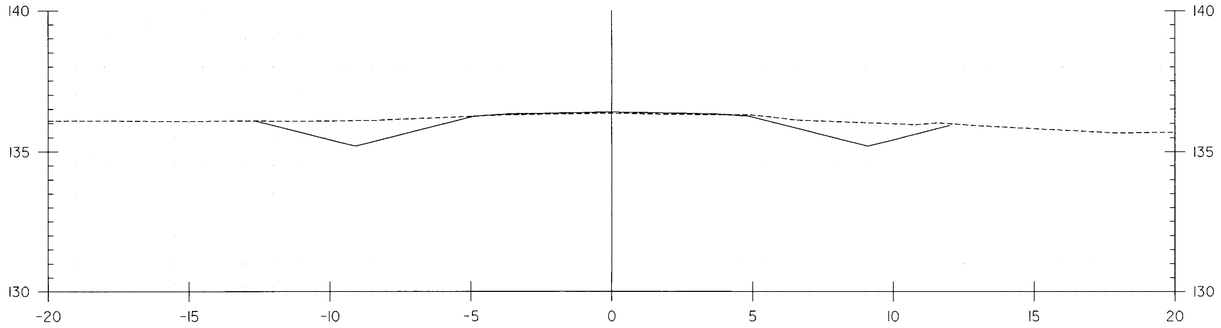
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

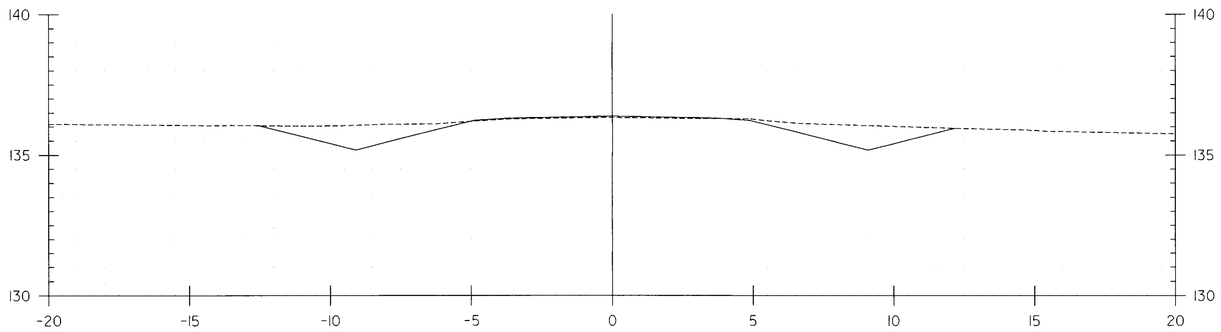
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



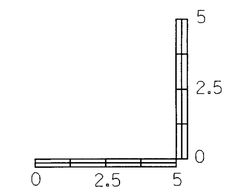
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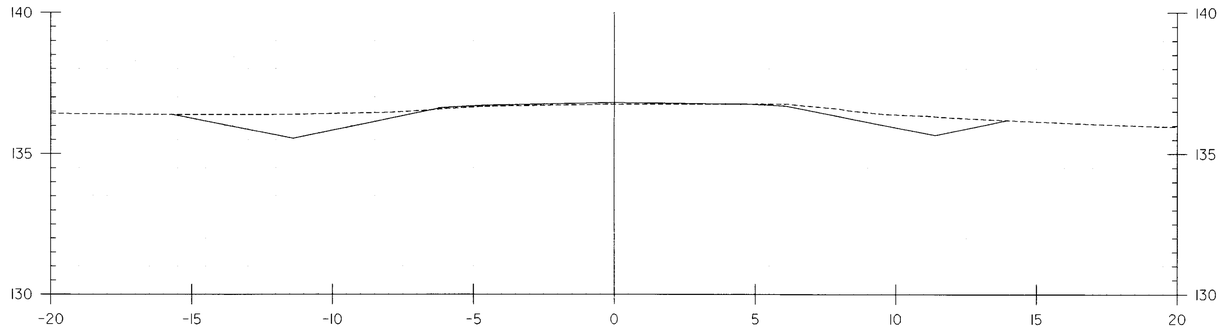


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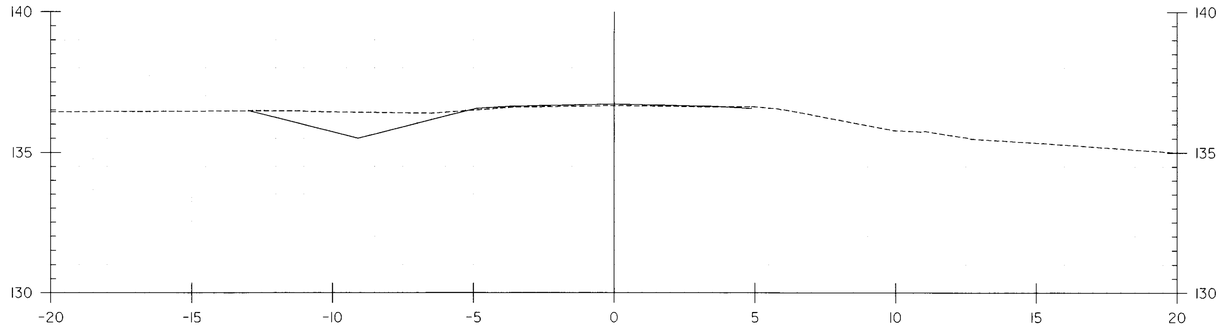
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

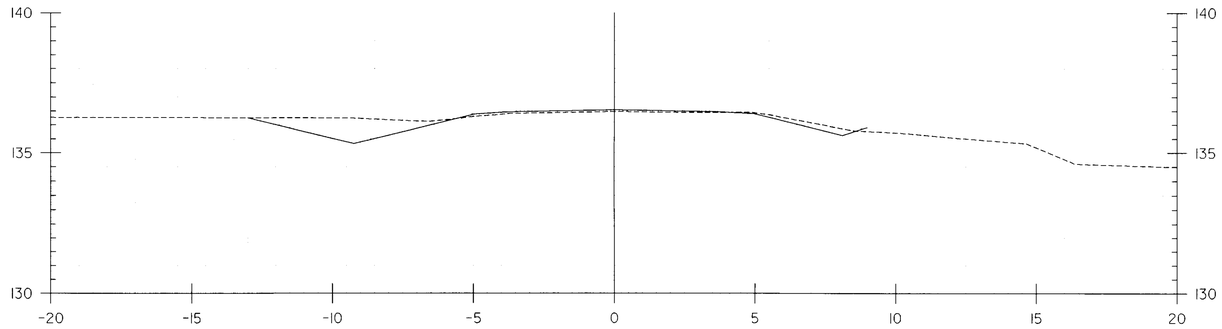
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DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



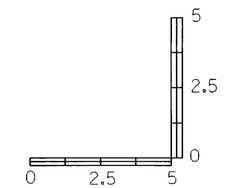
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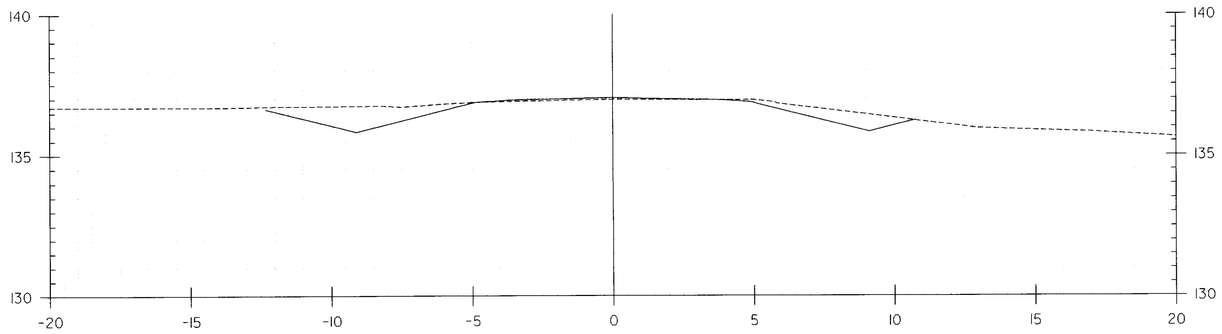
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DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

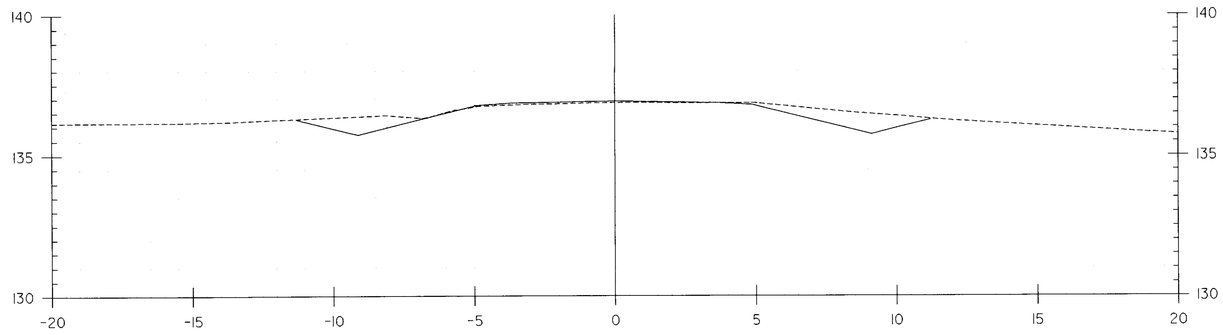
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

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PLOT DATE: 07/19/2002
SURVEYED BY: VAOT
SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106

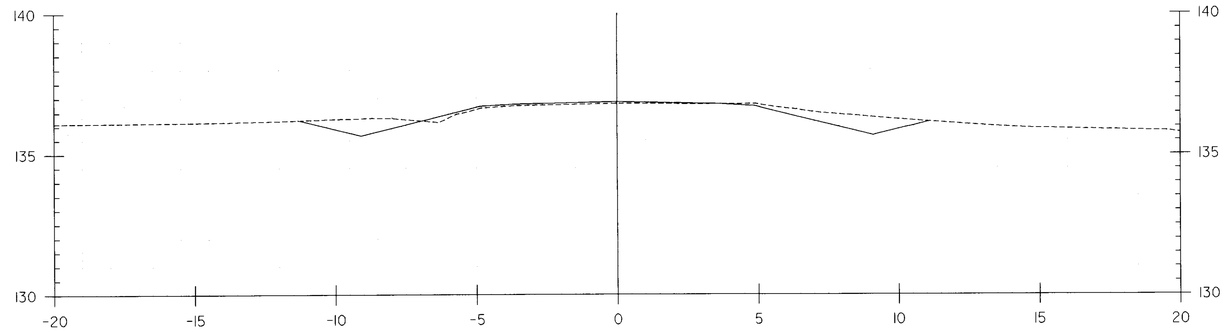
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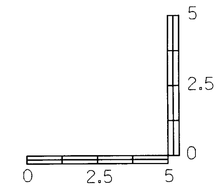
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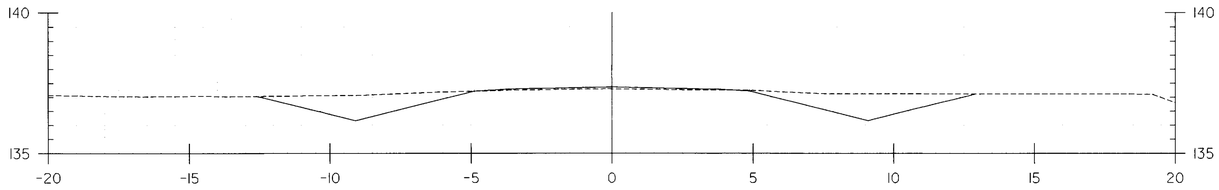


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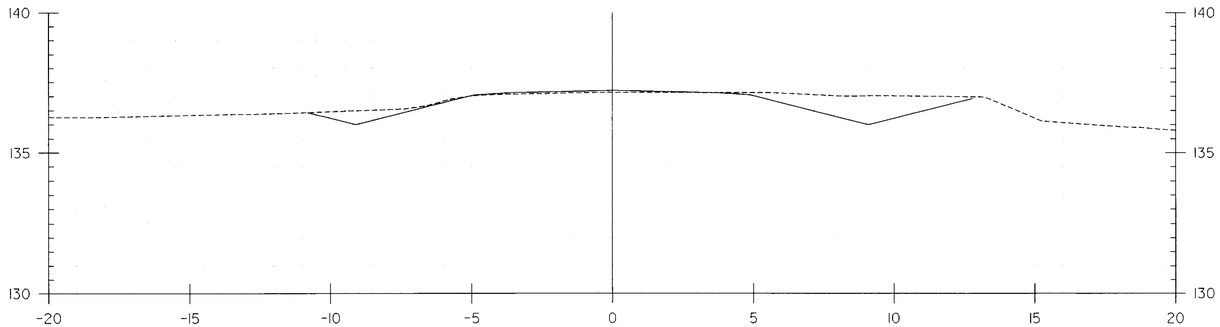
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

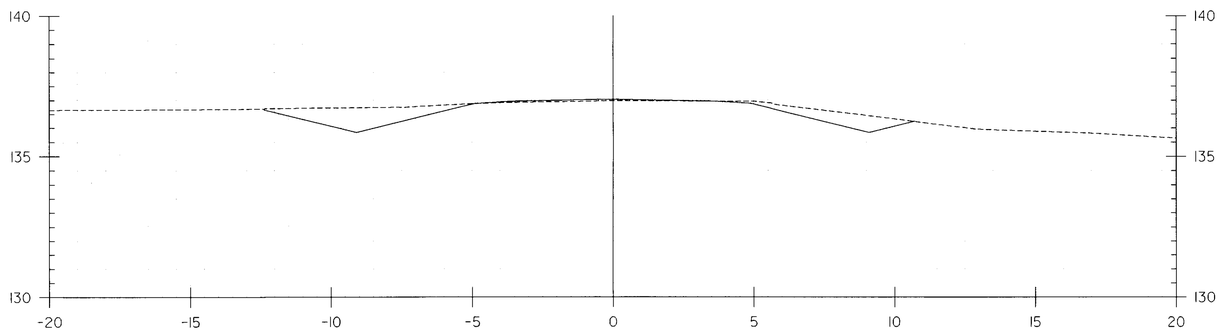
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



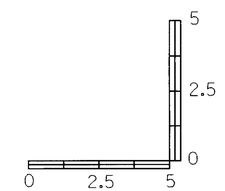
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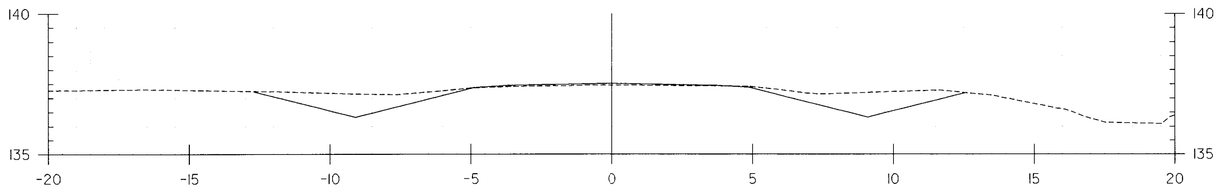
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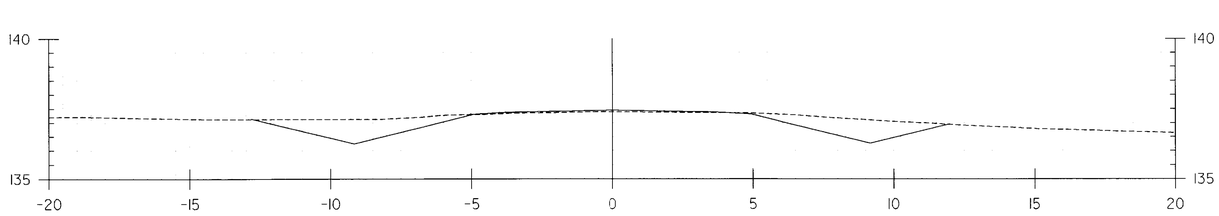
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

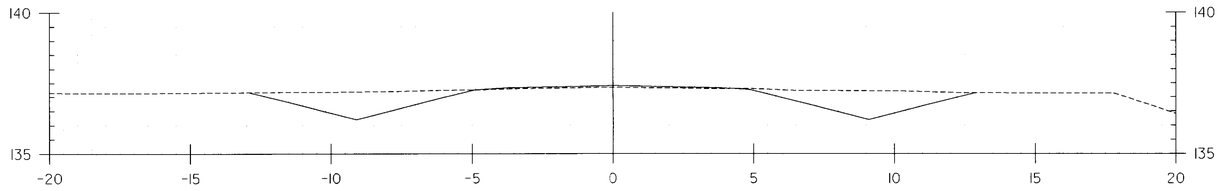
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PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



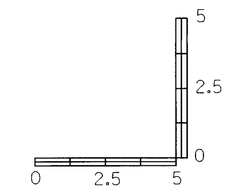
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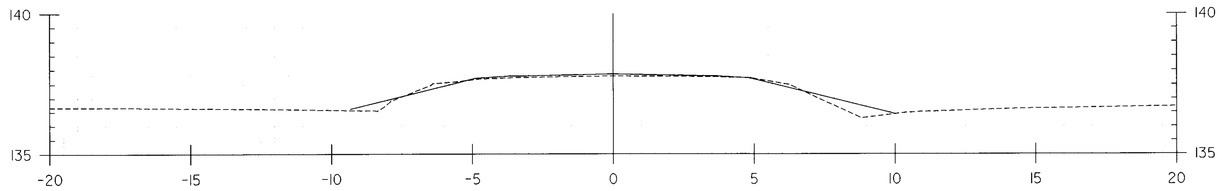


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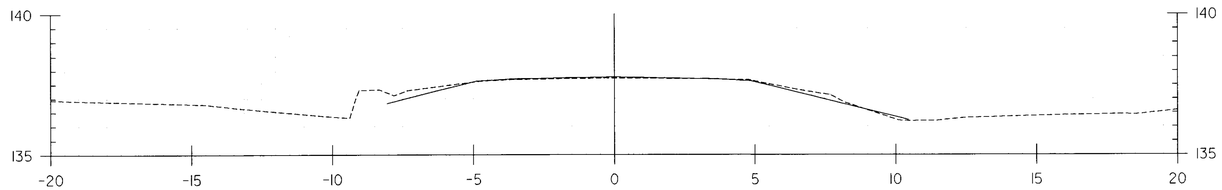
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VERTICAL NAVD 88
HORIZONTAL NAD 83

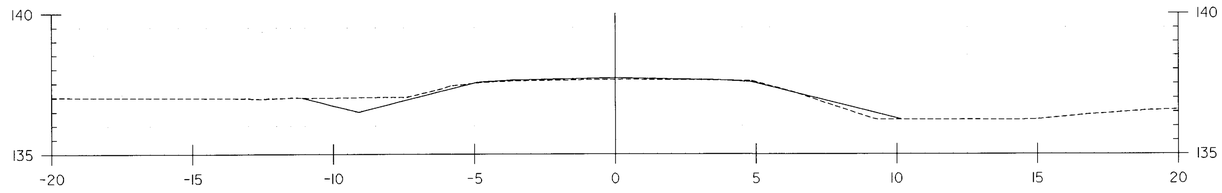
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SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



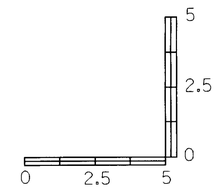
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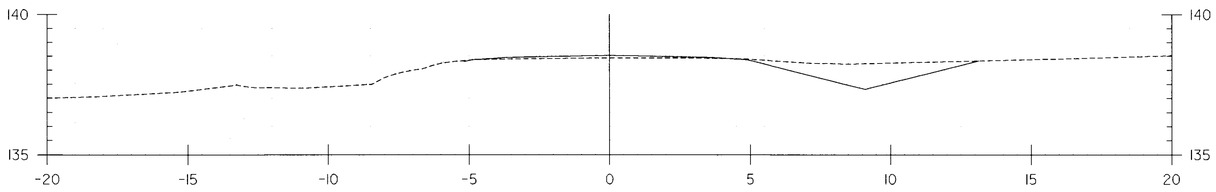


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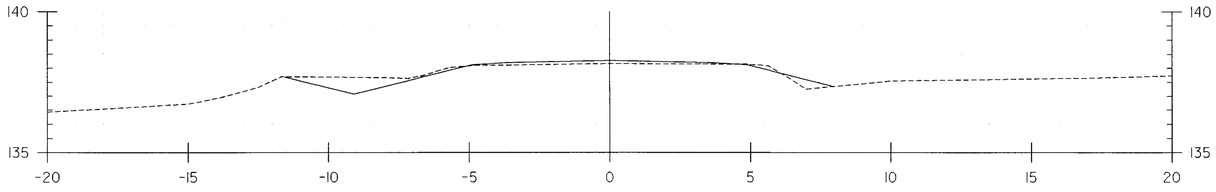
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

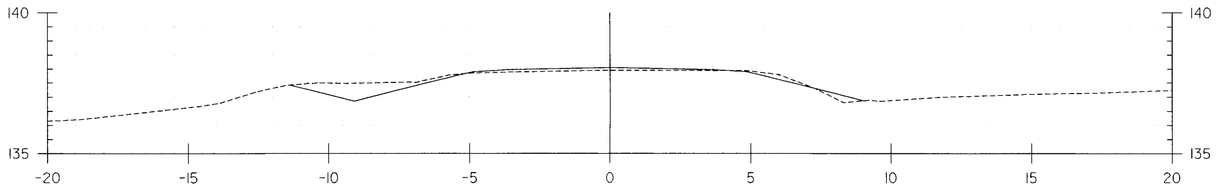
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PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



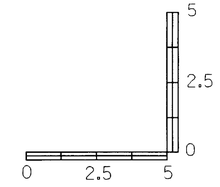
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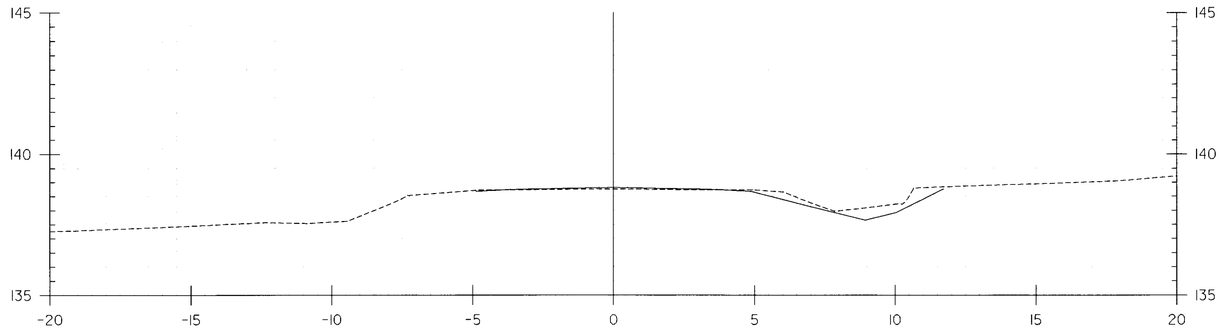
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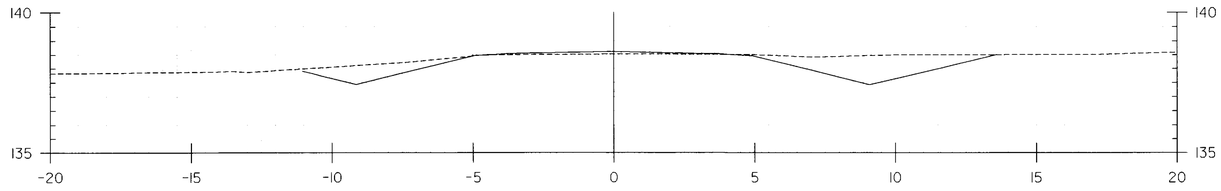
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DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

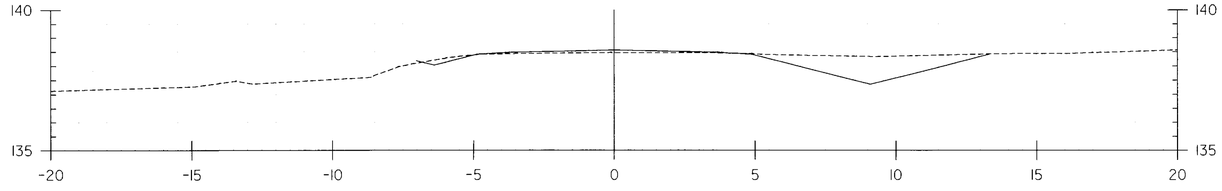
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



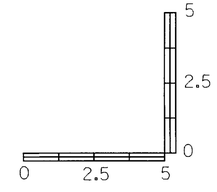
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100+746.700



100+742.300



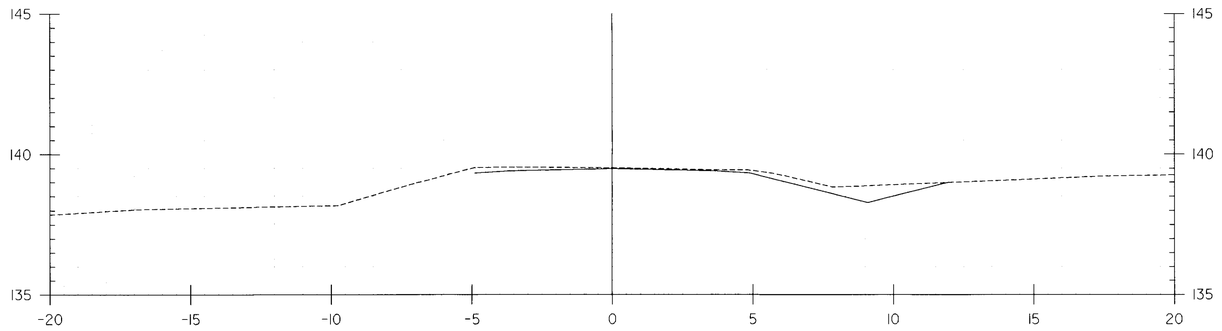
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VERTICAL SCALE = 1:100

DATUM

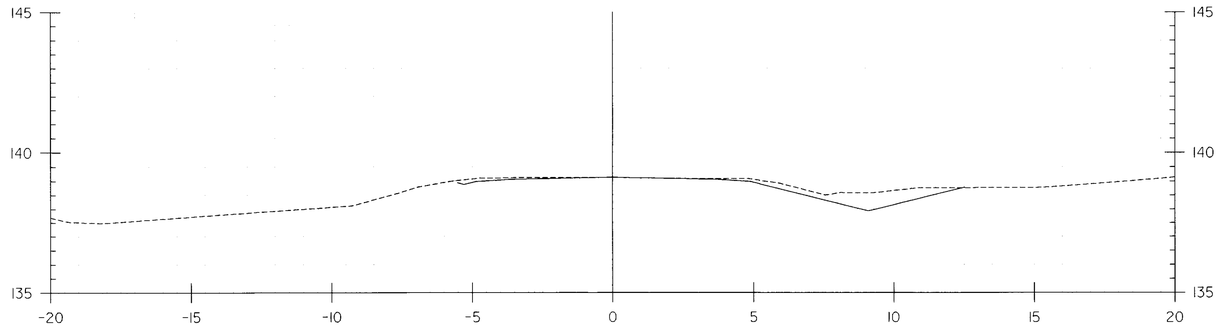
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

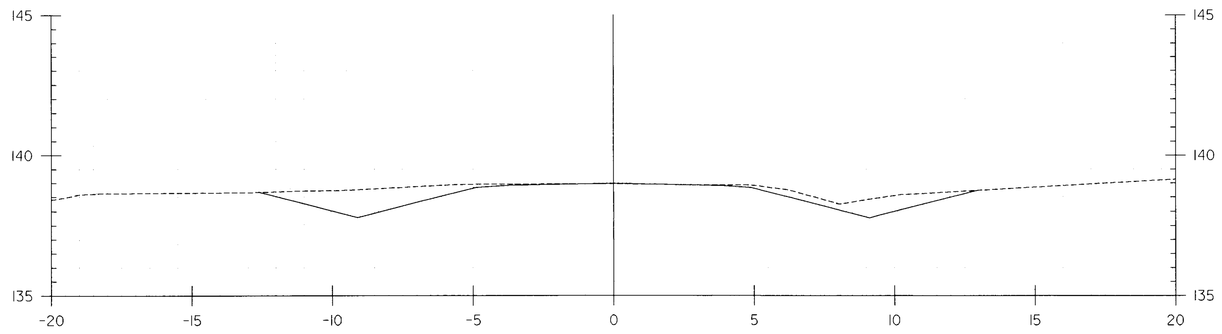
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



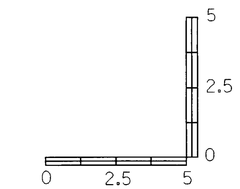
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100+780.000



100+771.301



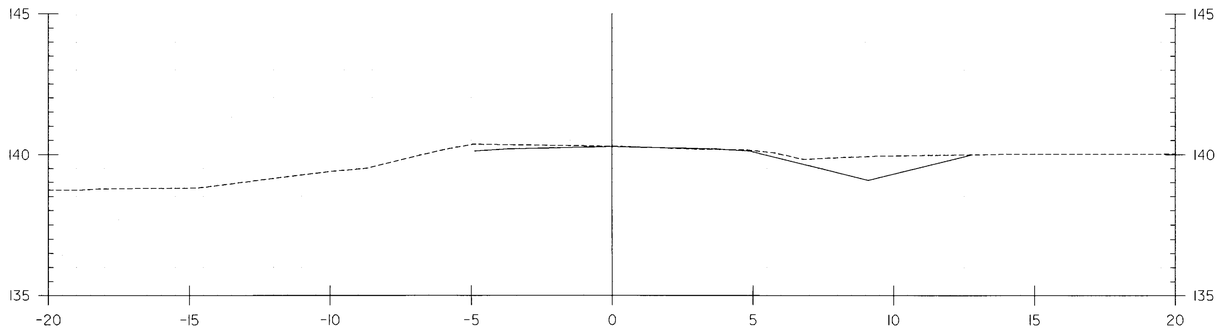
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VERTICAL SCALE = 1:100

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

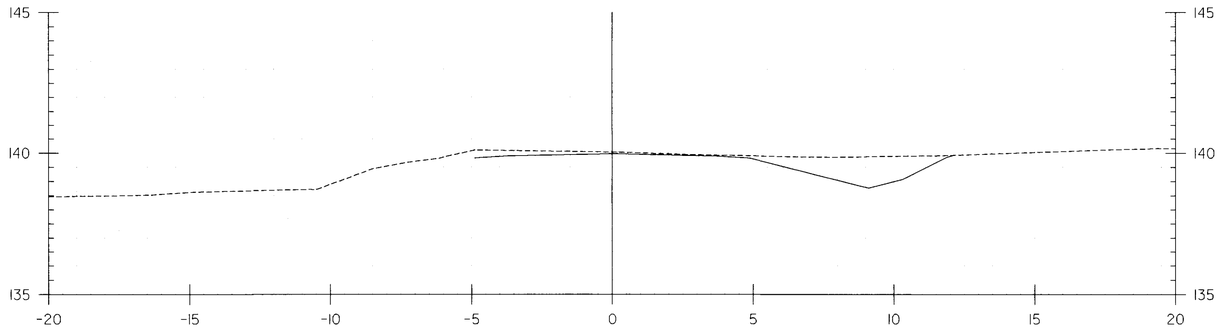
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106

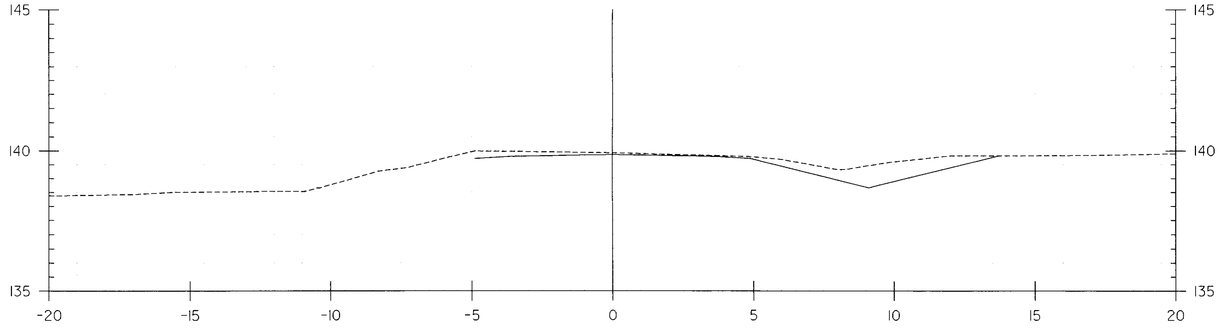
Metric



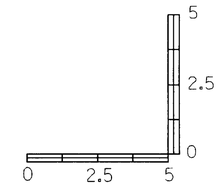
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100+825.200



100+820.000

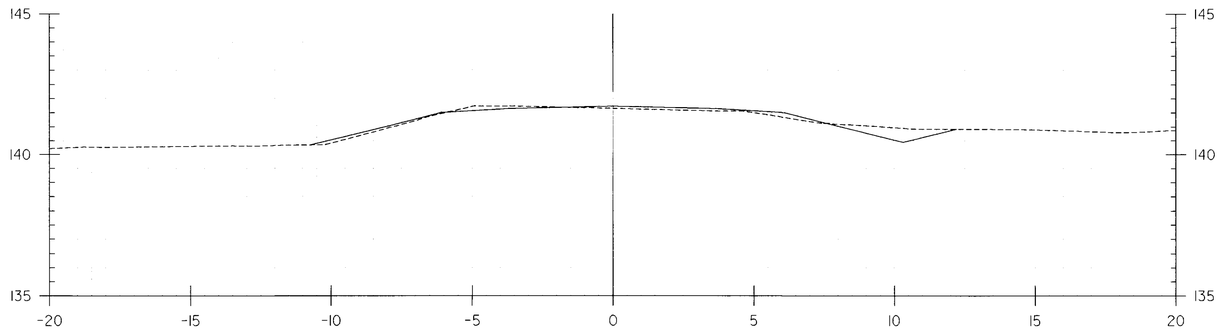


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

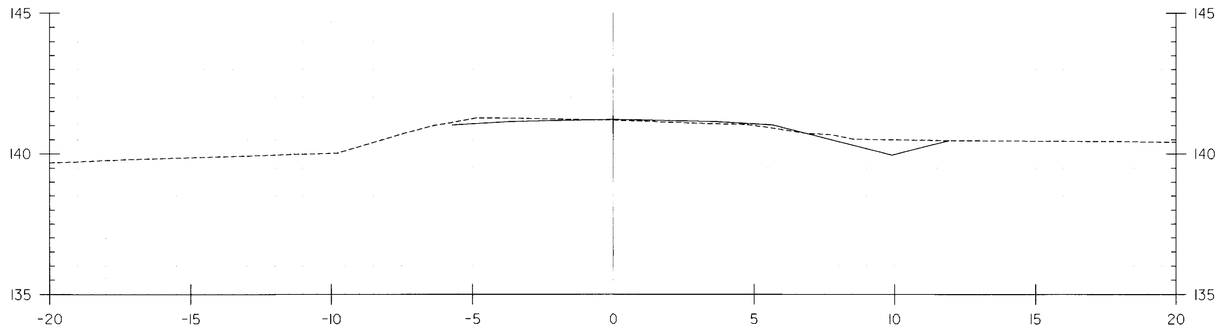
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

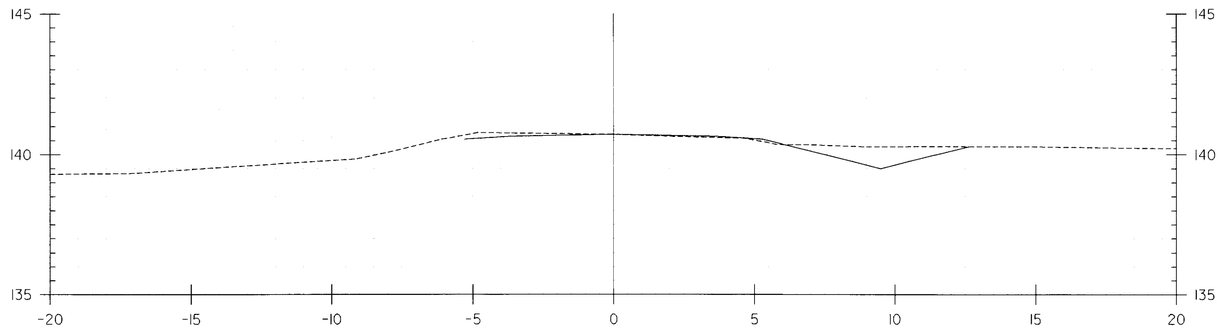
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



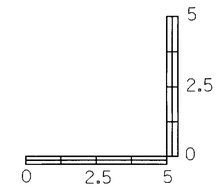
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100+880.000



100+860.000



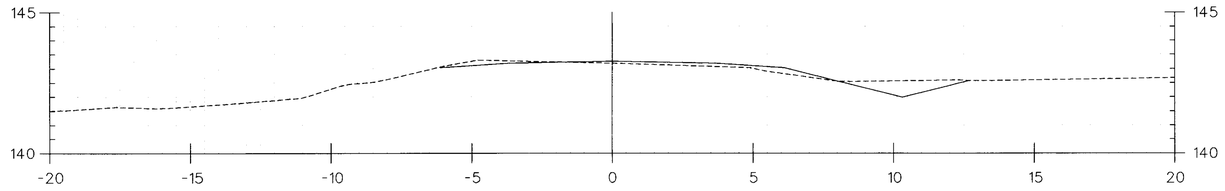
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VERTICAL SCALE = 1:100

DATUM

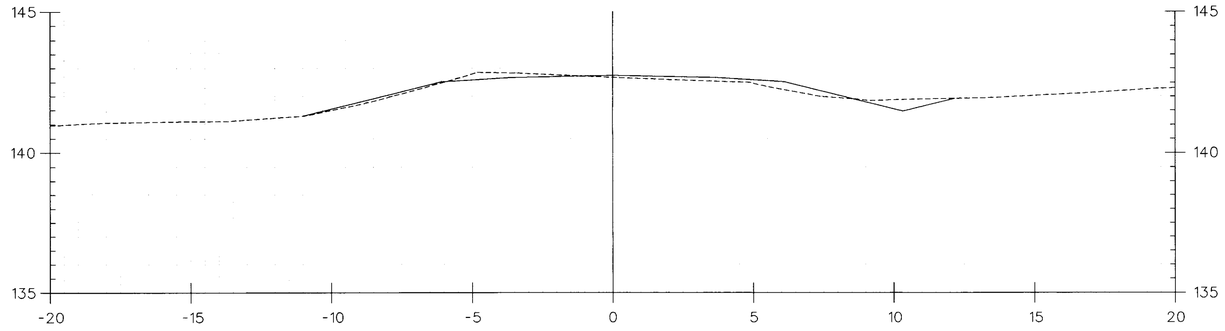
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0	
IPARM FILE NAME:	PLOT DATE: 07/19/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106

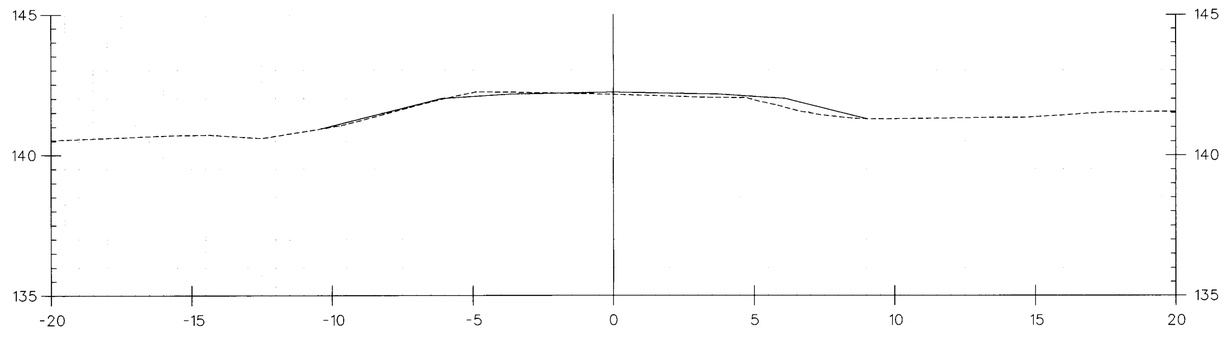
Metric



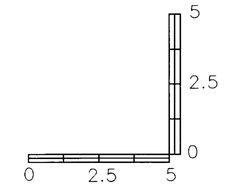
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100+940.000



100+920.000



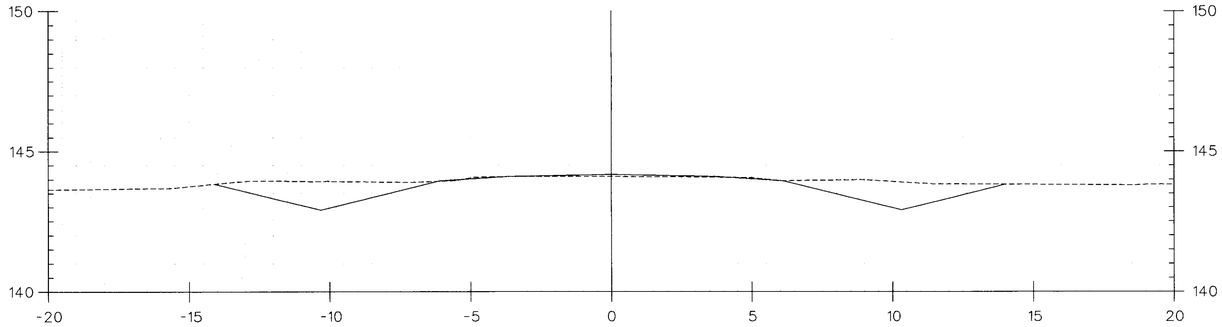
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DATUM

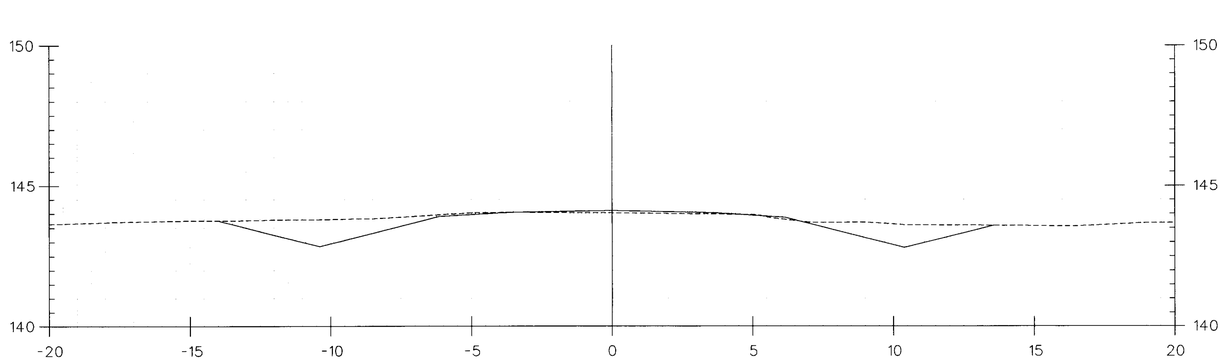
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs24	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106

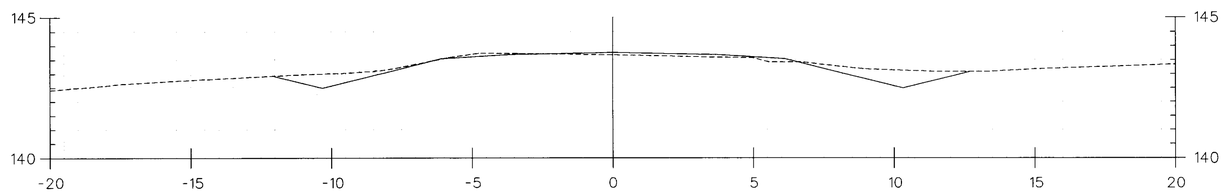
Metric



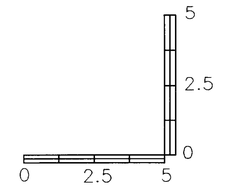
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100+996.000



100+980.000



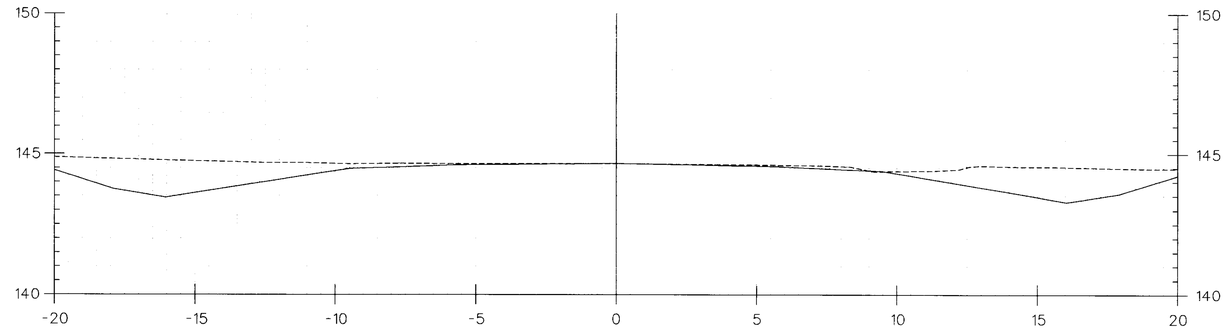
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

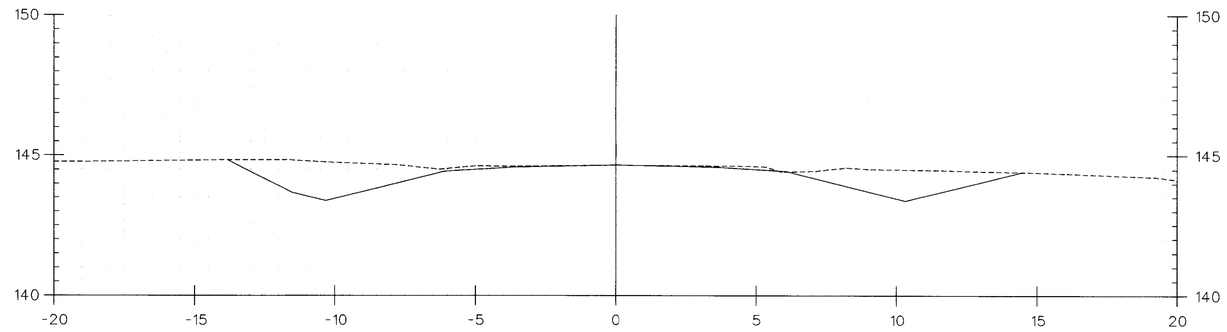
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

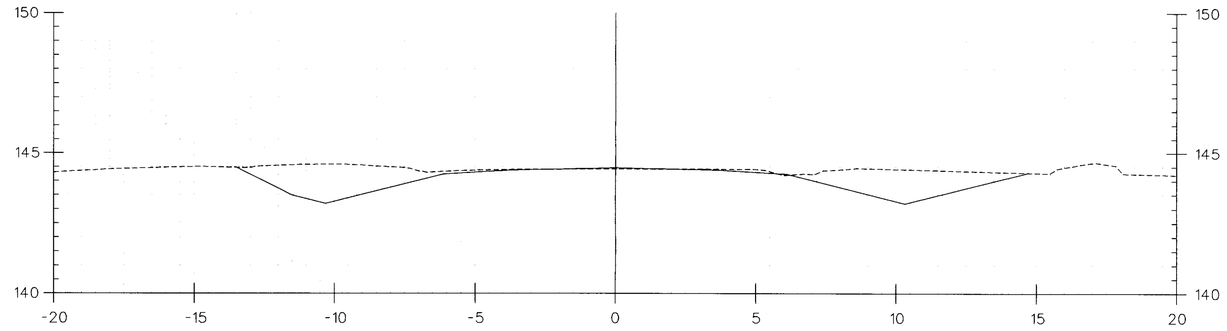
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



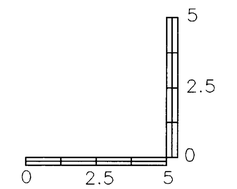
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101+040.000



101+020.000



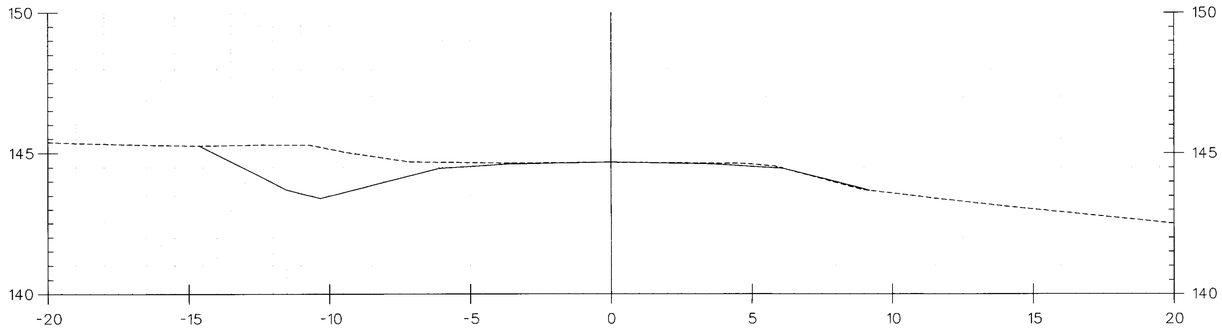
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

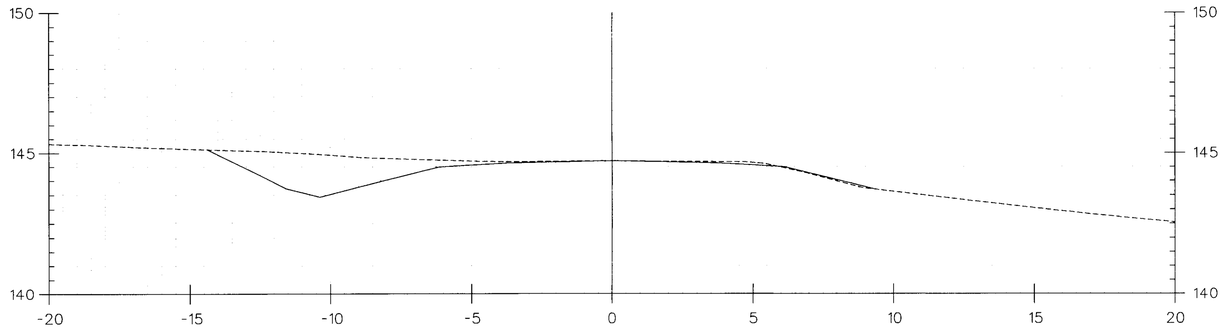
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

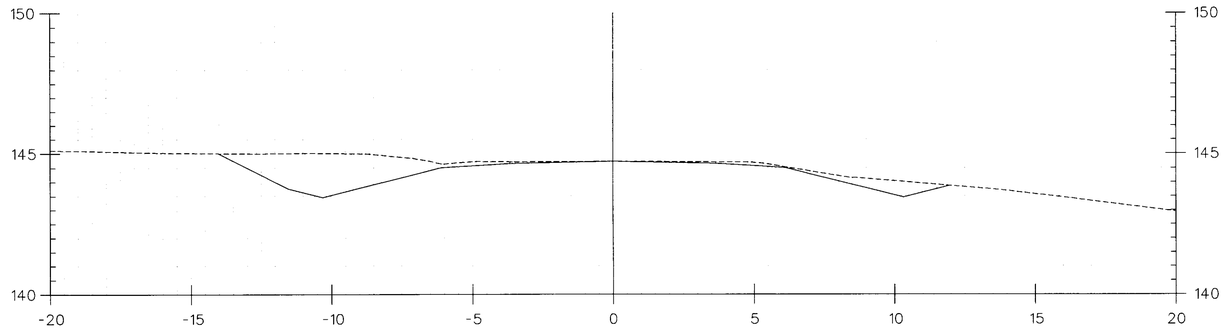
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SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



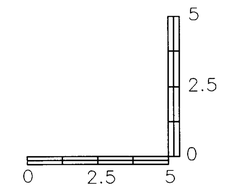
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101+072.700



101+060.000

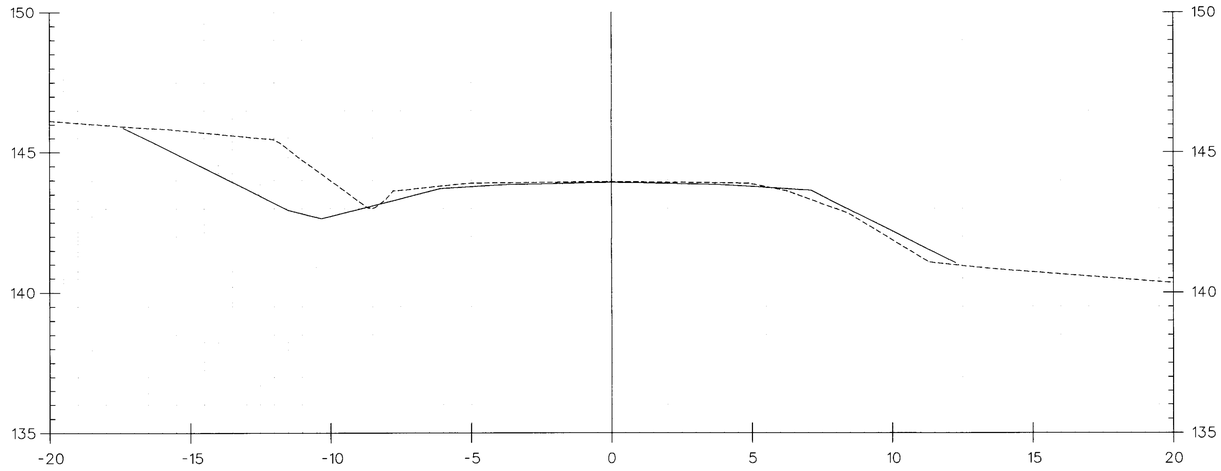


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

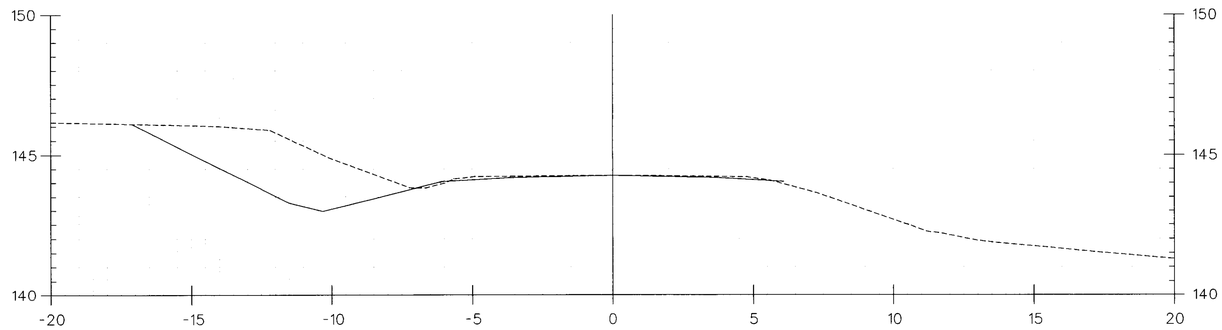
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

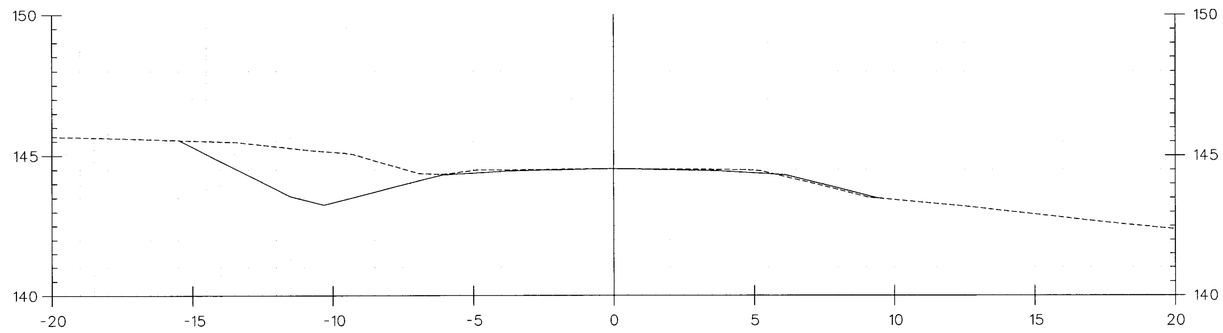
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IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



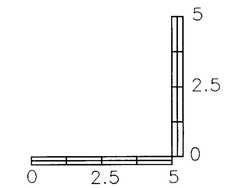
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101+120.000



101+100.000

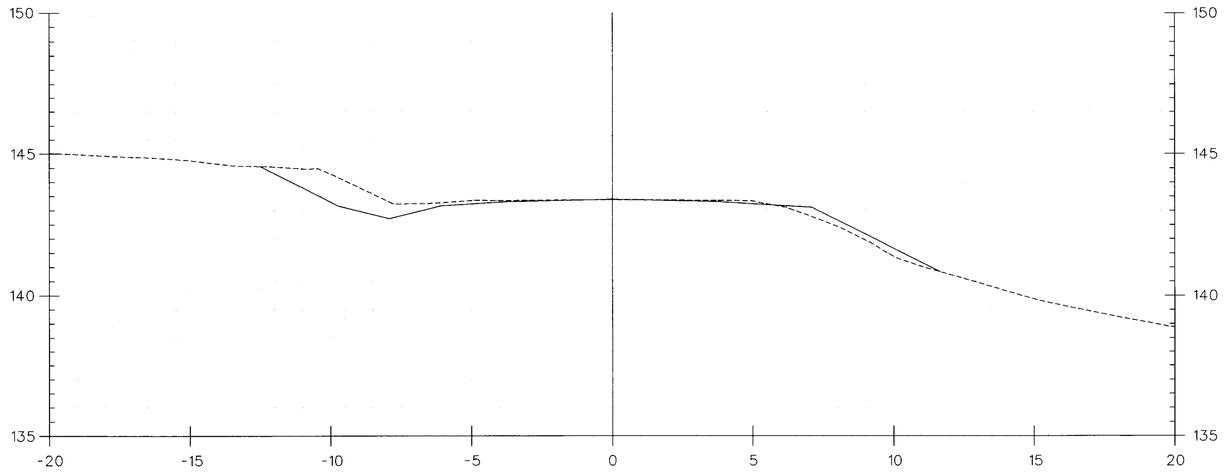


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

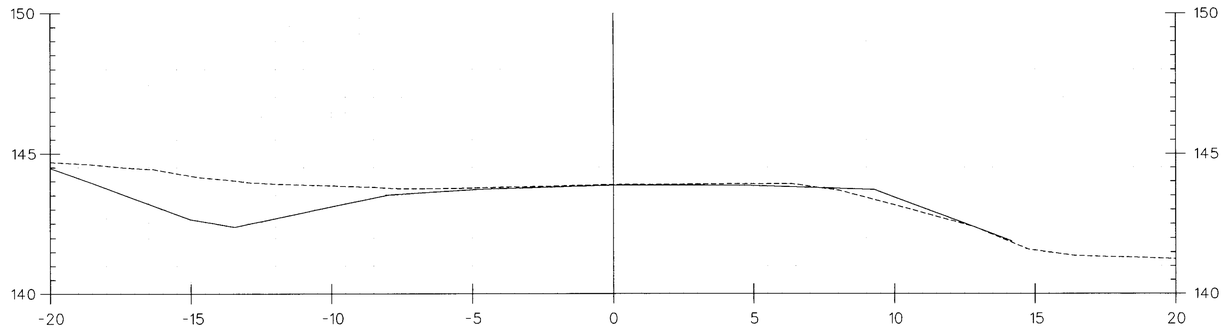
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

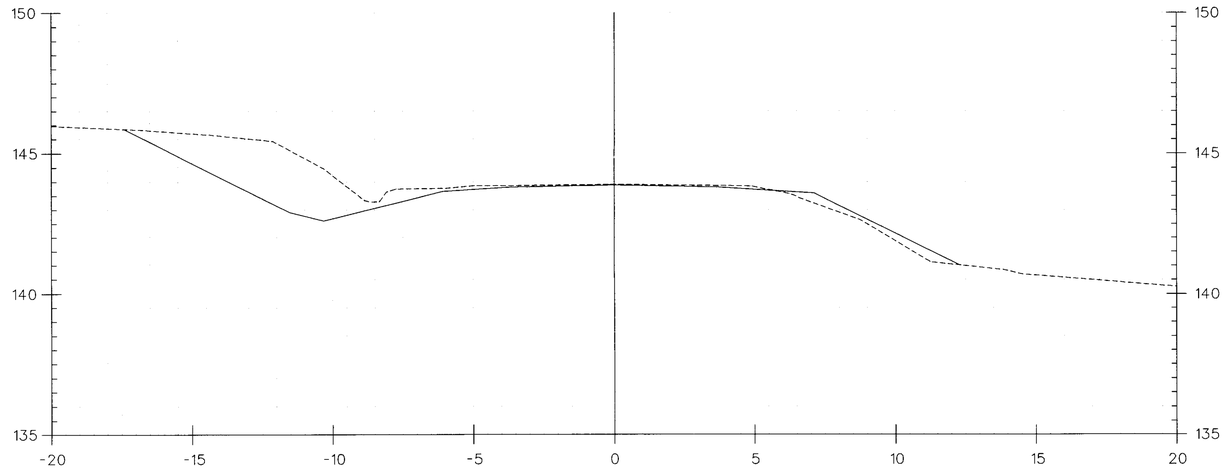
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SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



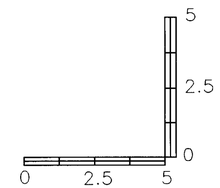
101+160.000



101+141.101



101+140.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

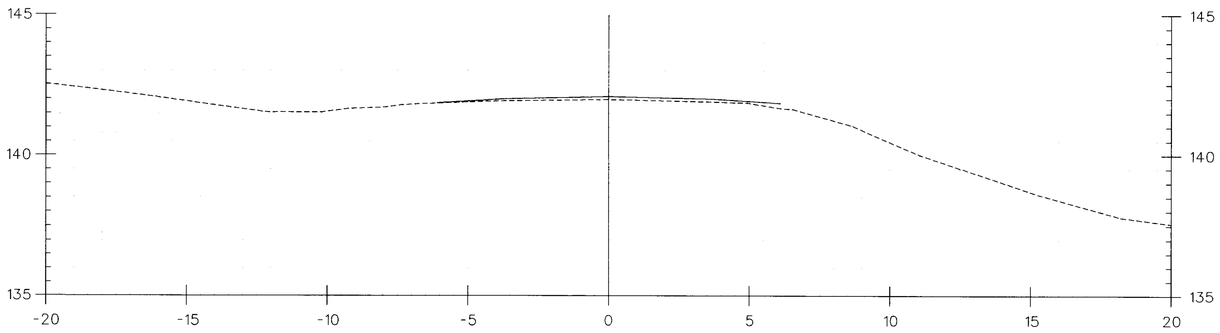
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

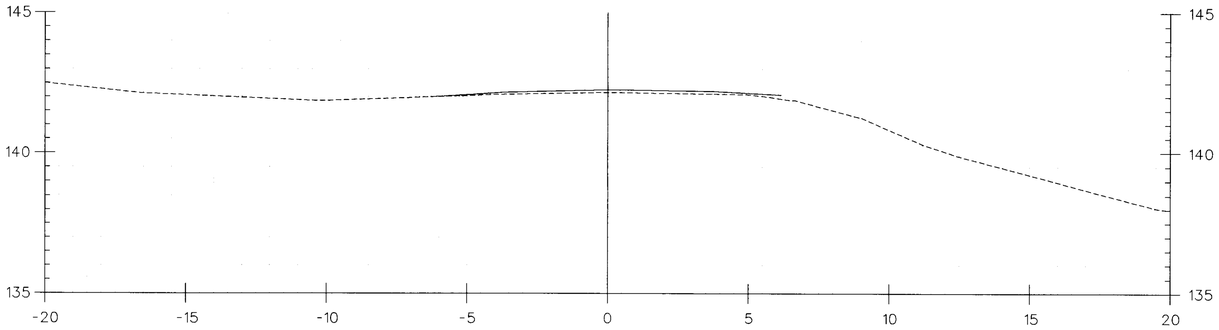
PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

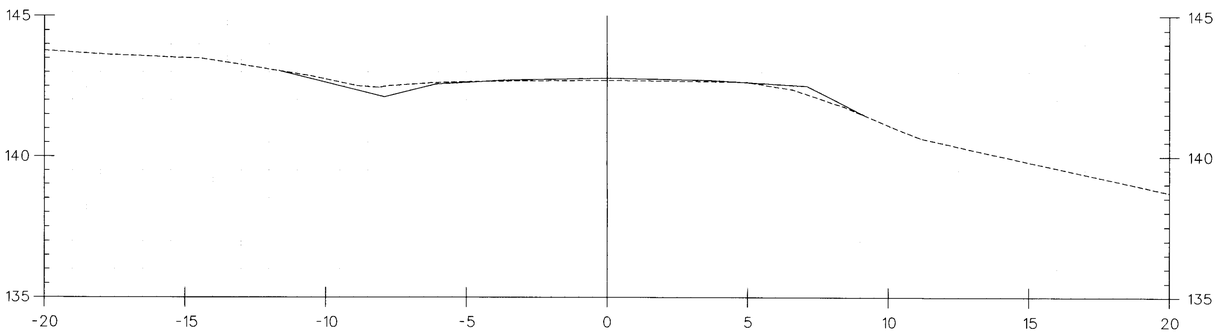
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



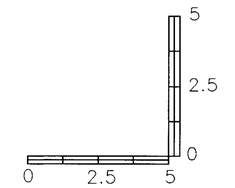
101+200.000



101+195.000



101+180.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

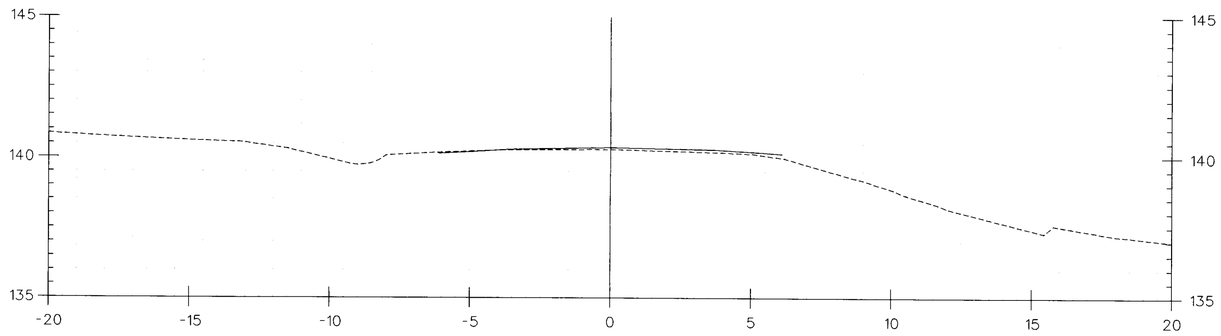
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

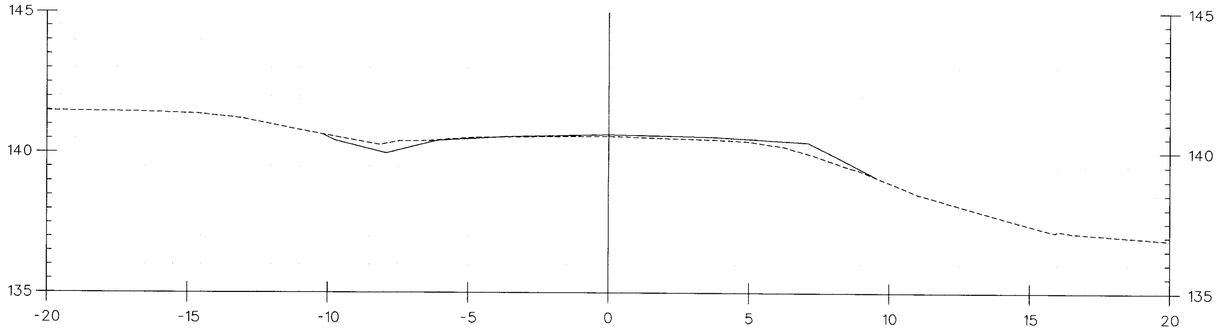
PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs30
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106

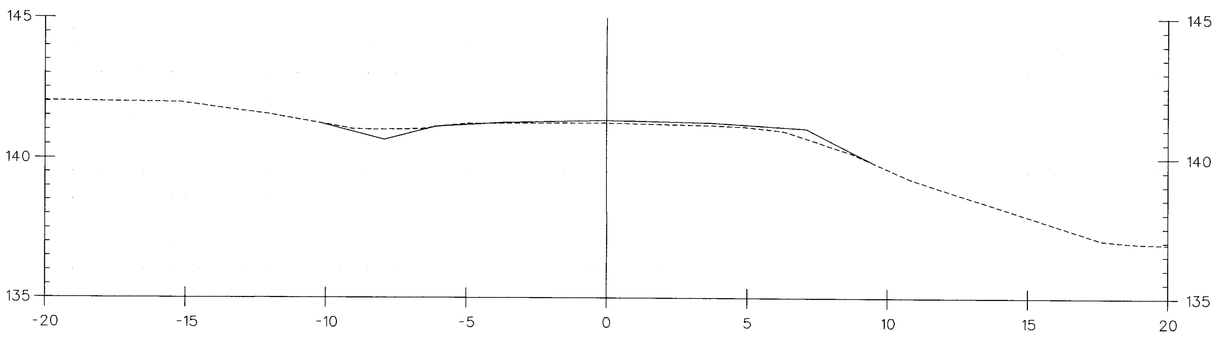
Metric



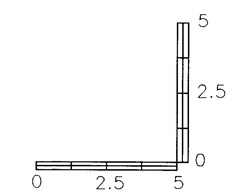
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101+240.000



101+220.000

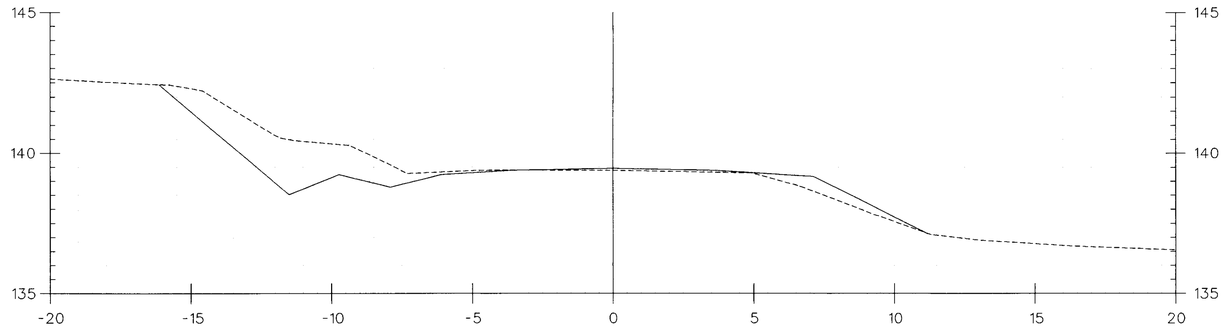


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

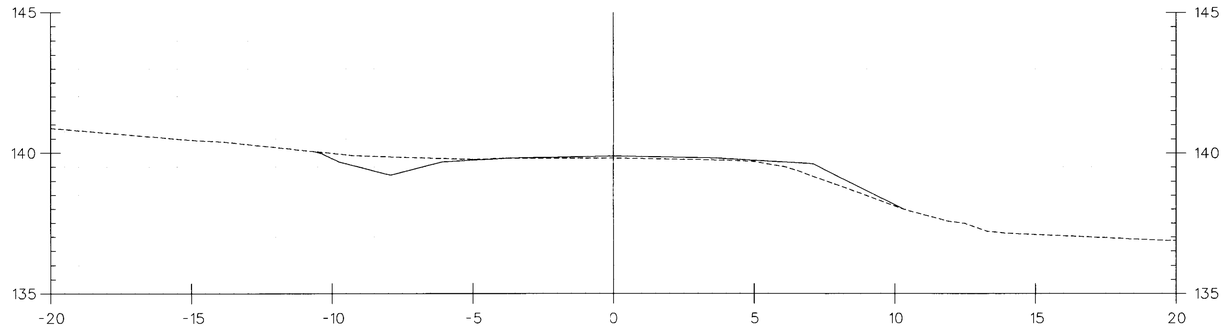
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

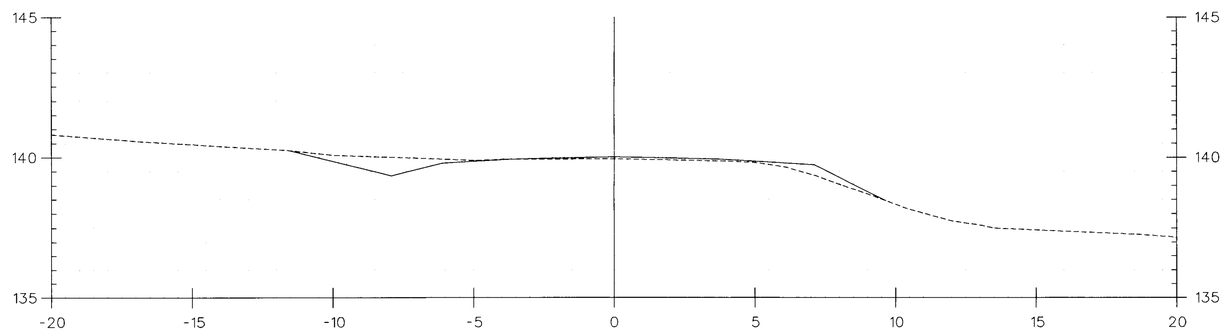
PROJECT: BRANDON-LEICESTER	PROJECT NO. : FEGC F 019-3 (29)
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IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



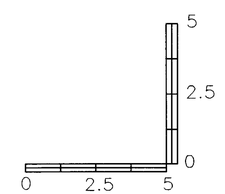
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101+264.200



101+260.000



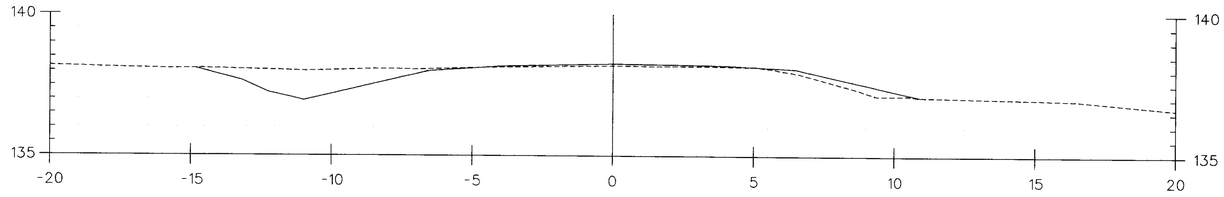
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

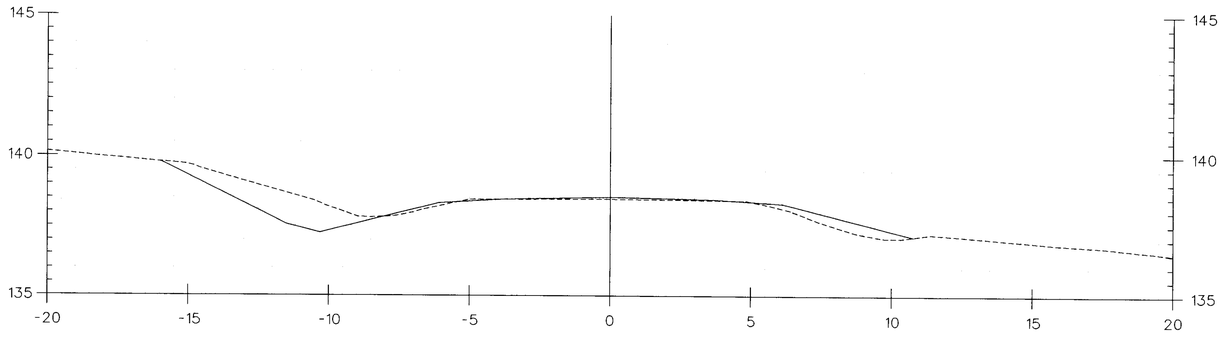
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

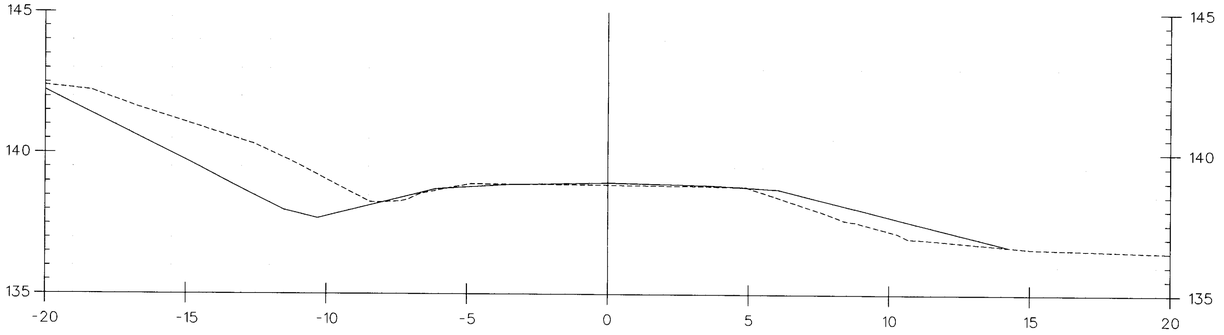
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IPARM FILE NAME: PLOT DATE: 07/22/2002
SURVEYED BY: VAOT SURVEY DATE:06-29-2000
SQUAD LEADER: L. ORVIS P.C. DRAWN BY:C.SZCZEPANSKI
SHEET: 88 OF 106



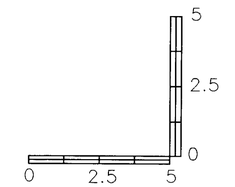
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101+320.000



101+300.000



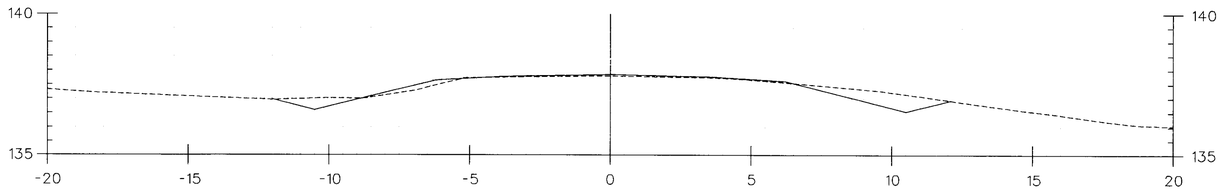
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

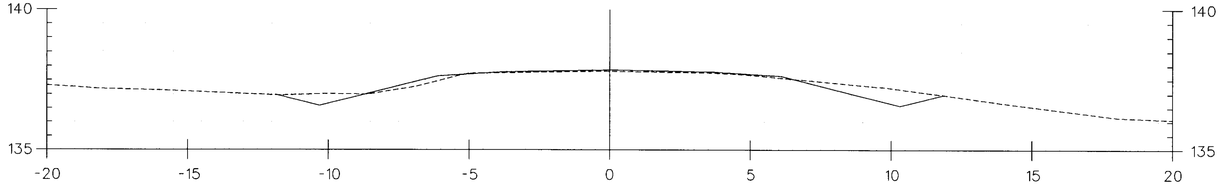
VERTICAL NAVD 88

HORIZONTAL NAD 83

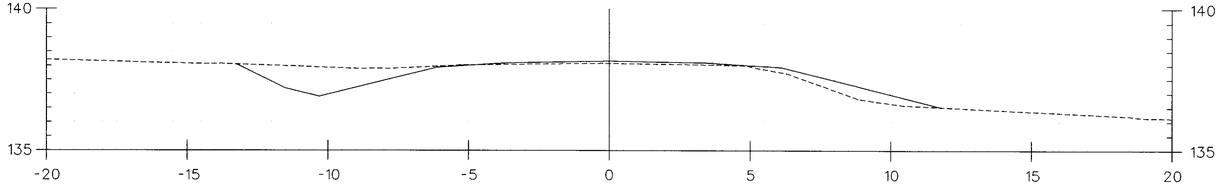
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs33	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



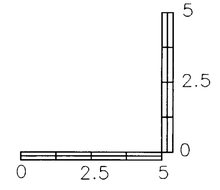
101+361.200



101+360.000



101+340.000

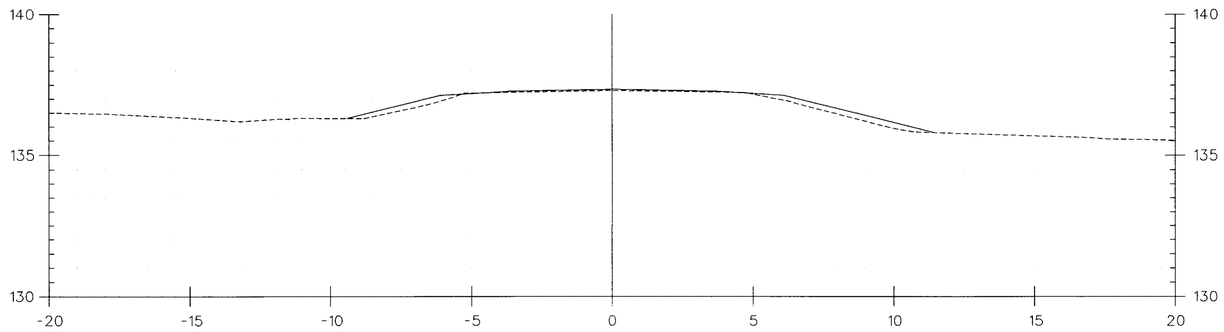


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

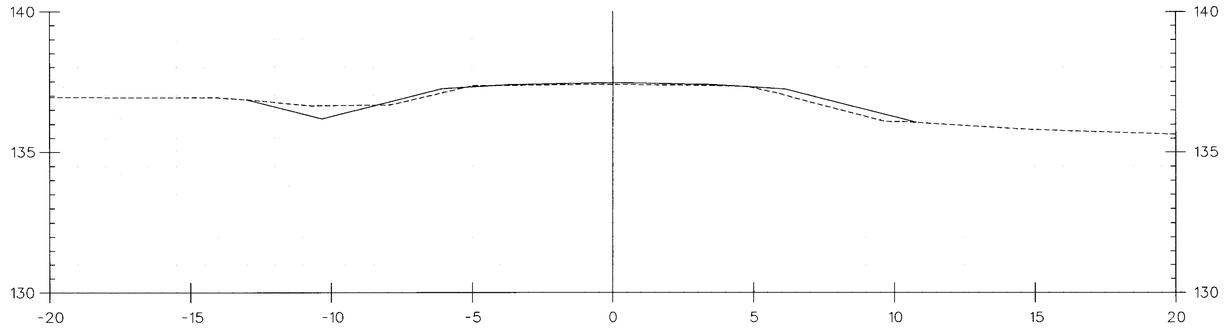
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

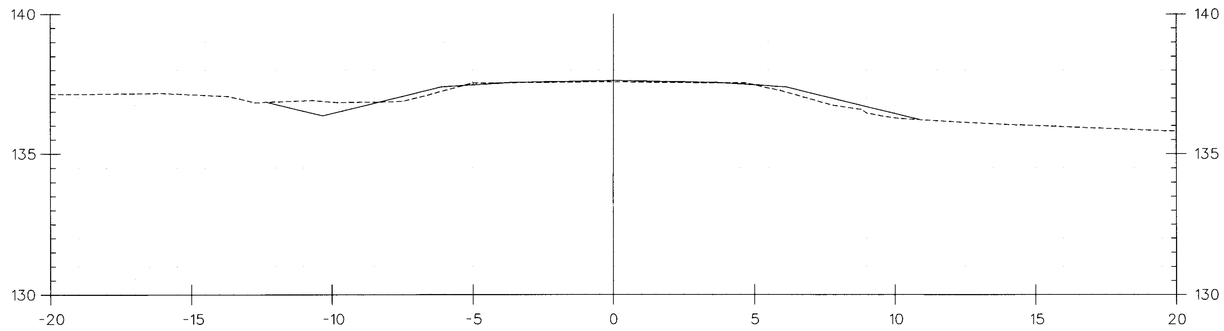
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IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



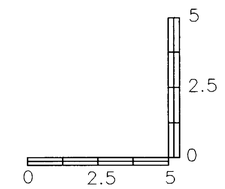
101+420.000



101+400.000



101+380.000

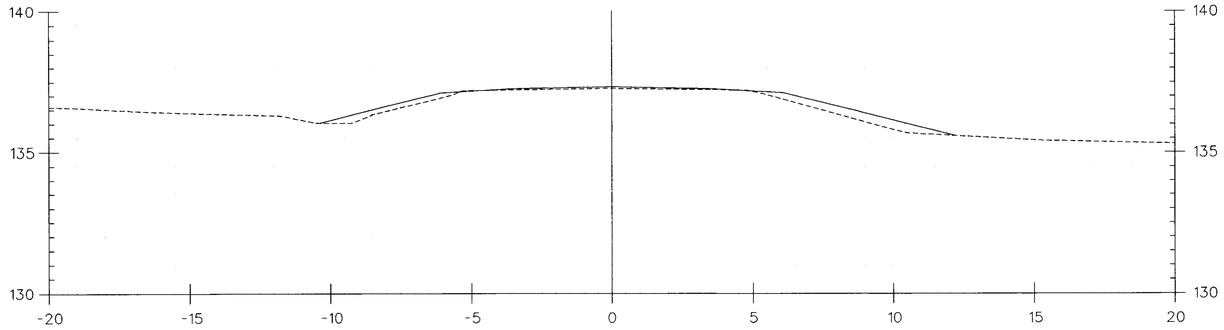


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

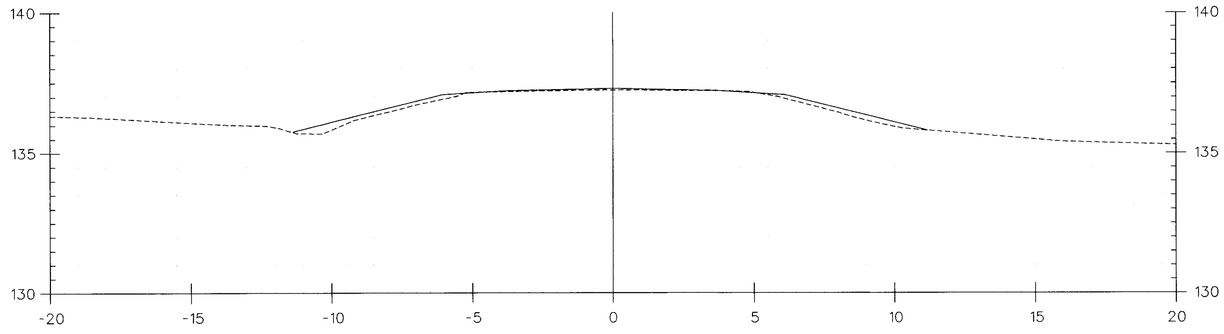
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

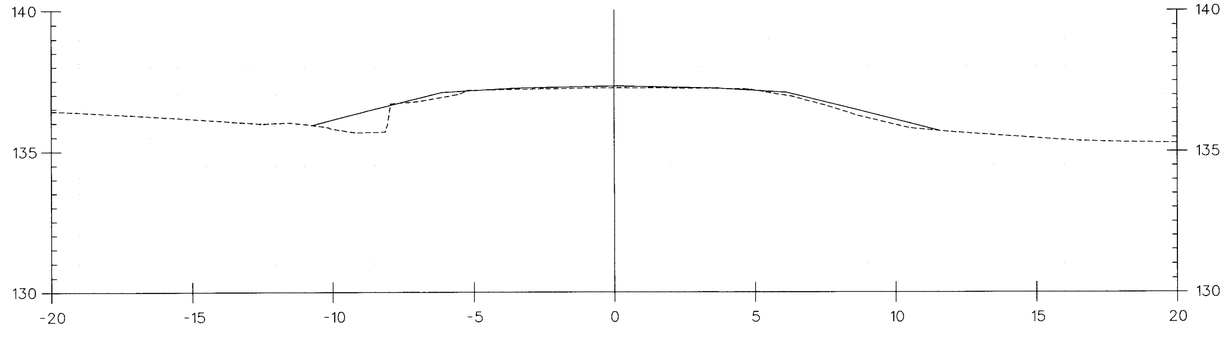
PROJECT: BRANDON-LEICESTER	PROJECT NO. : FEGC F 019-3 (29)
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs35	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



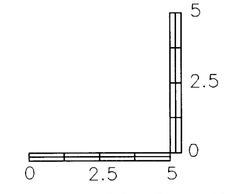
101+460.000



101+440.000



101+434.900



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

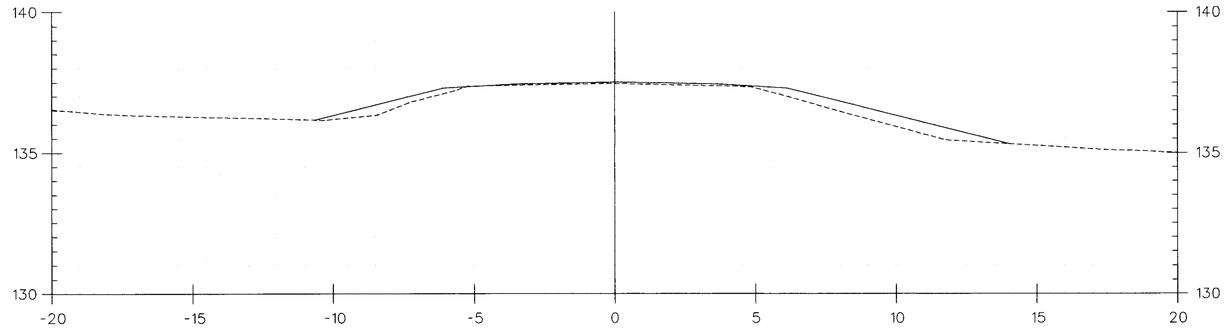
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

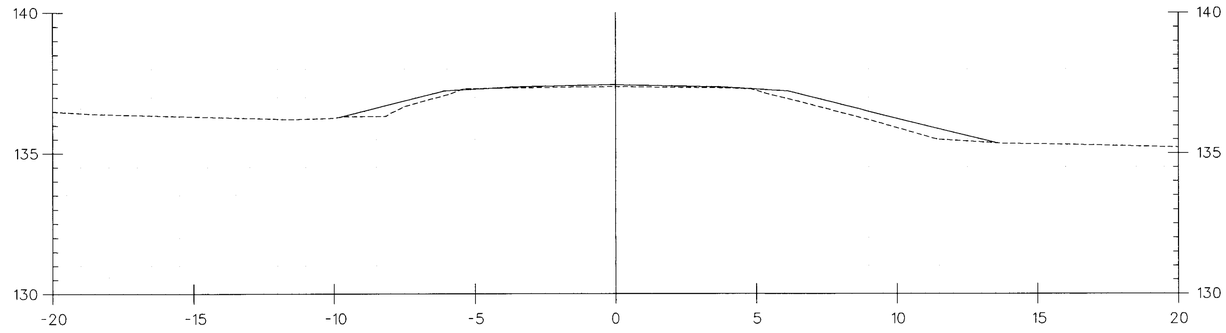
PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

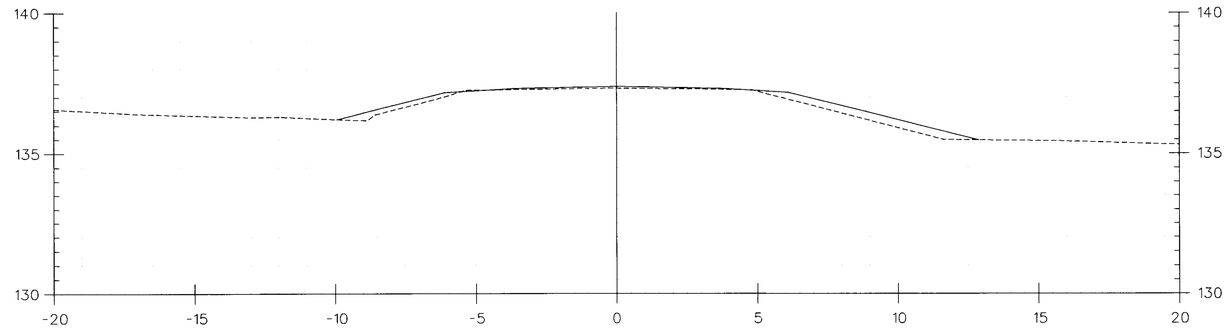
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



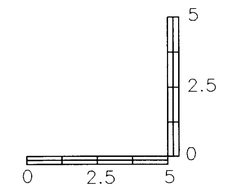
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101+500.000



101+480.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

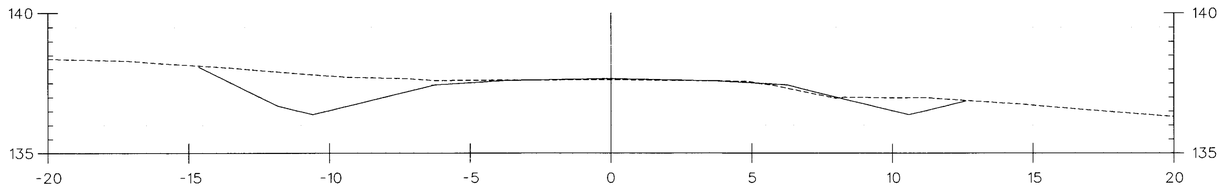
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

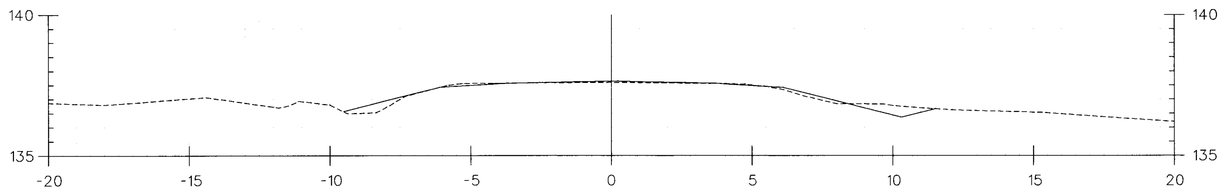
PROJECT NO. : FEGC F 019-3 (29)

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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE:06-29-2000
DRAWN BY:C.SZCZEPANSKI
SHEET: 88 OF 106

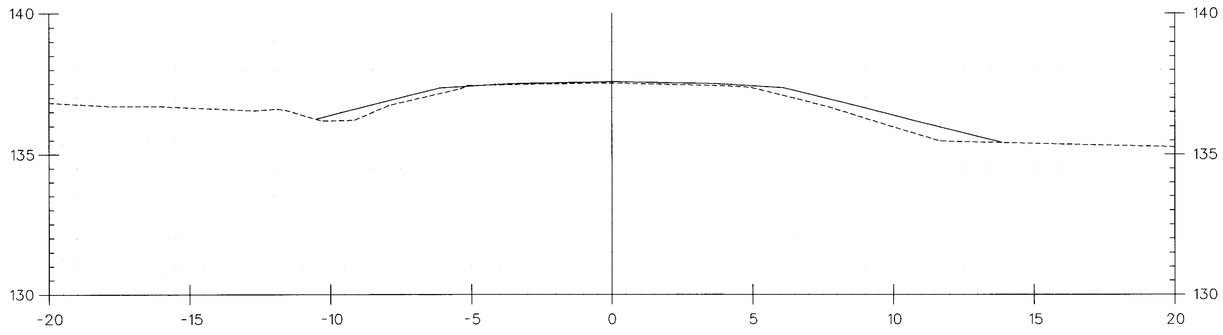
Metric



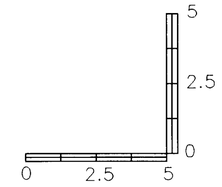
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101+560.000



101+540.000

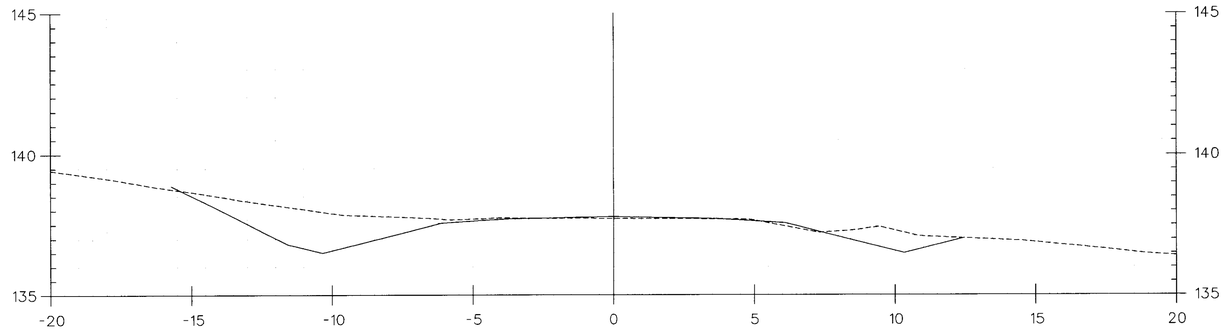


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

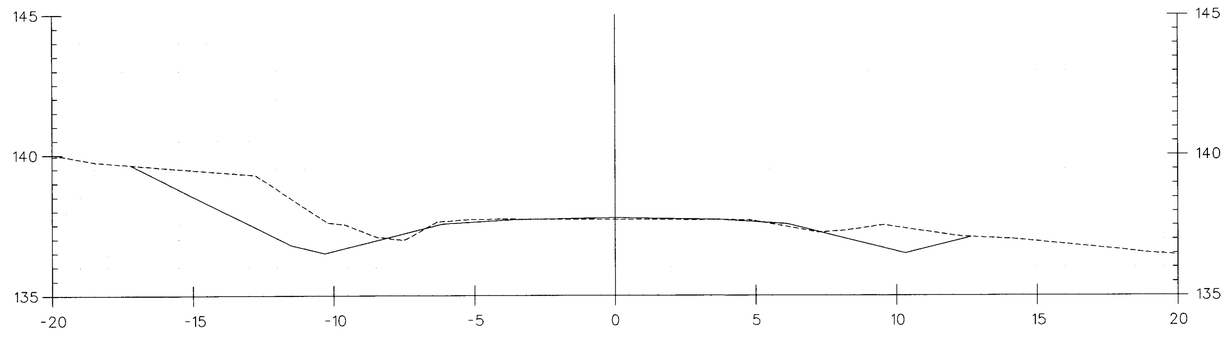
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO. :
BRANDON-LEICESTER	FEGC F 019-3 (29)

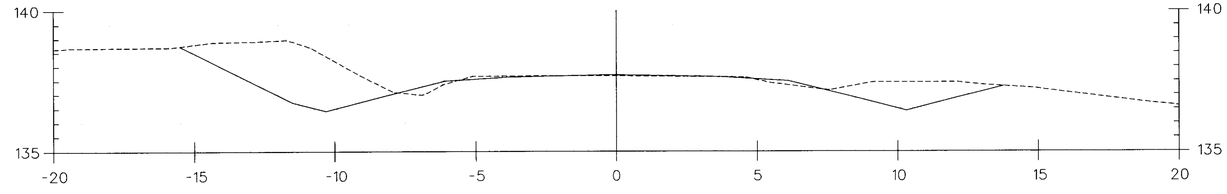
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE:06-29-2000
DRAWN BY:C.SZCZEPANSKI
SHEET: 88 OF 106



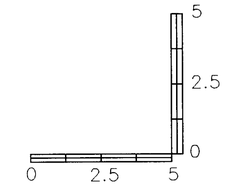
101+603.100



101+600.000



101+580.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

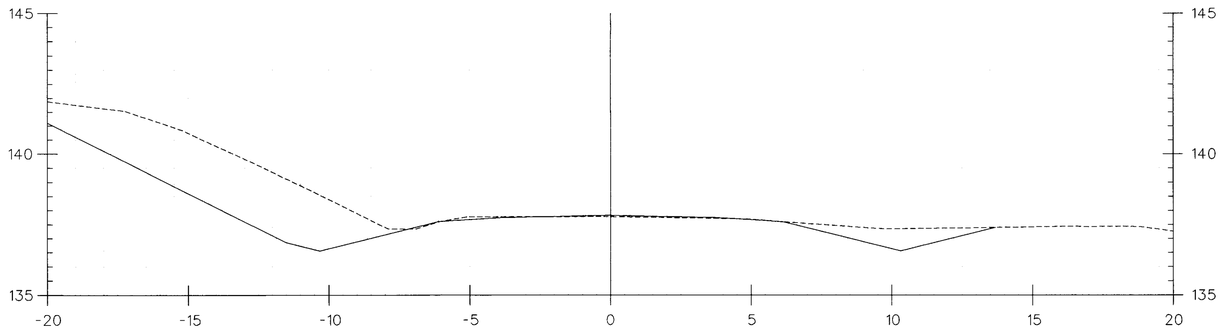
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

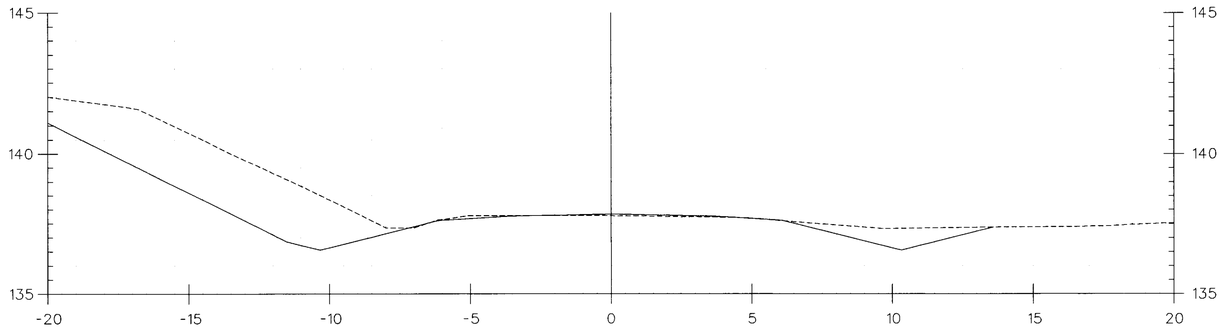
PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs39
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106

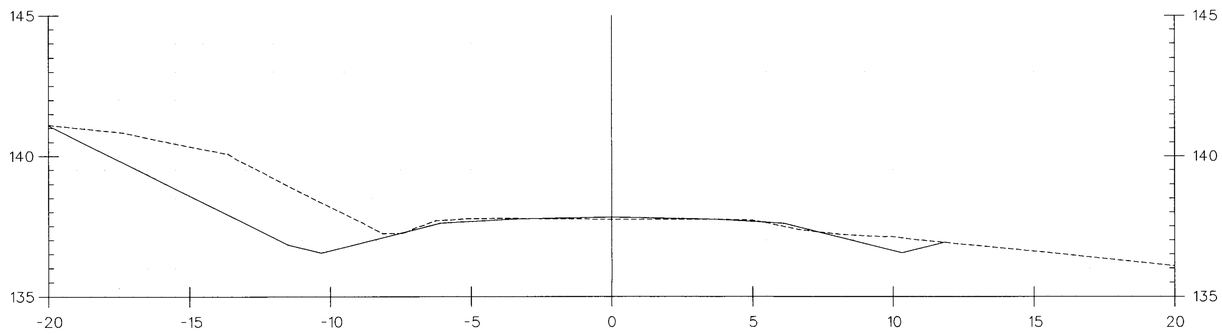
Metric



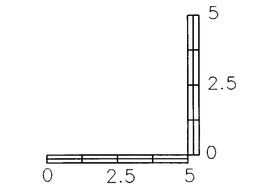
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101+635.000



101+620.000

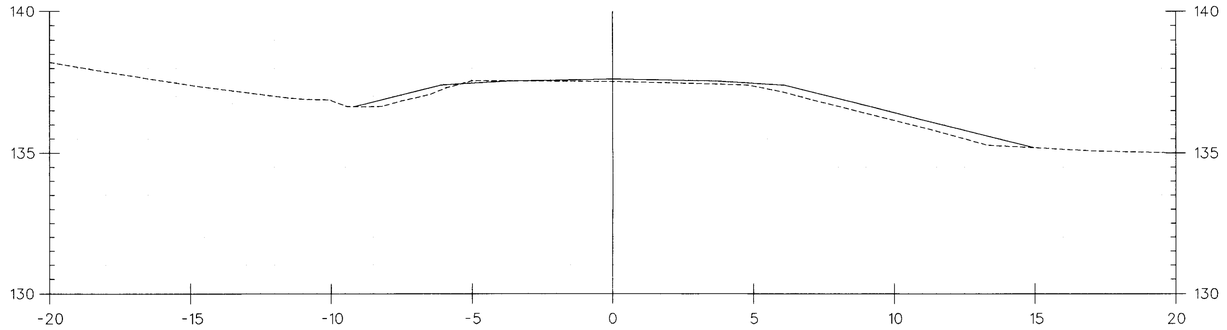


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

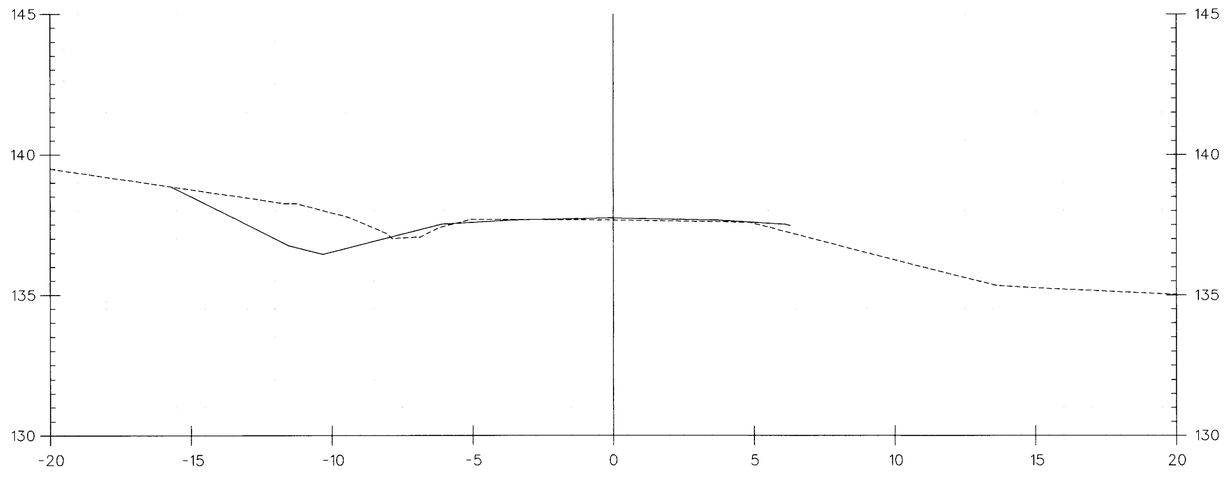
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

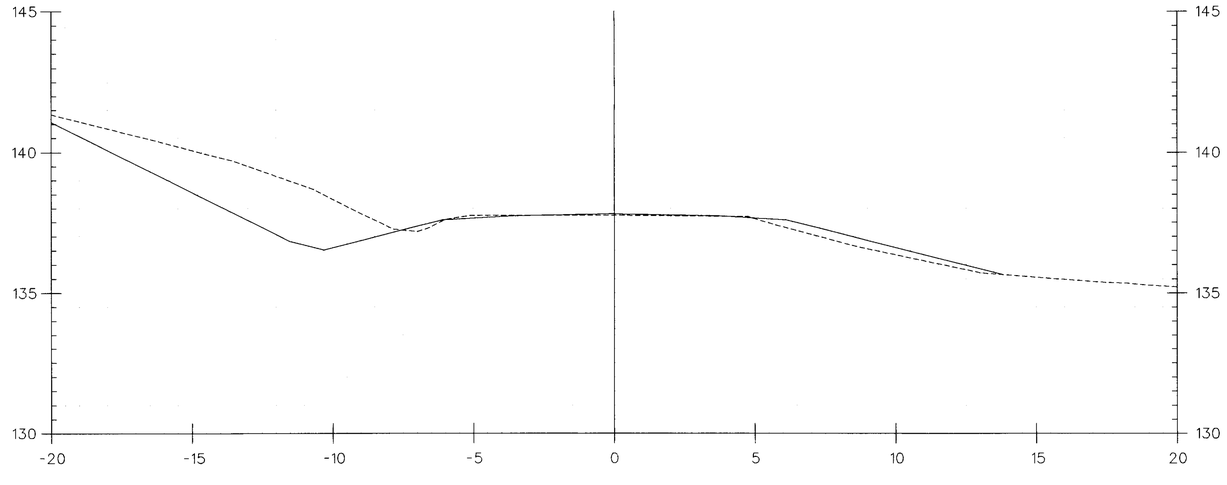
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
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IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



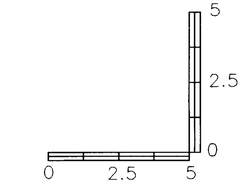
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101+680.000



101+660.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

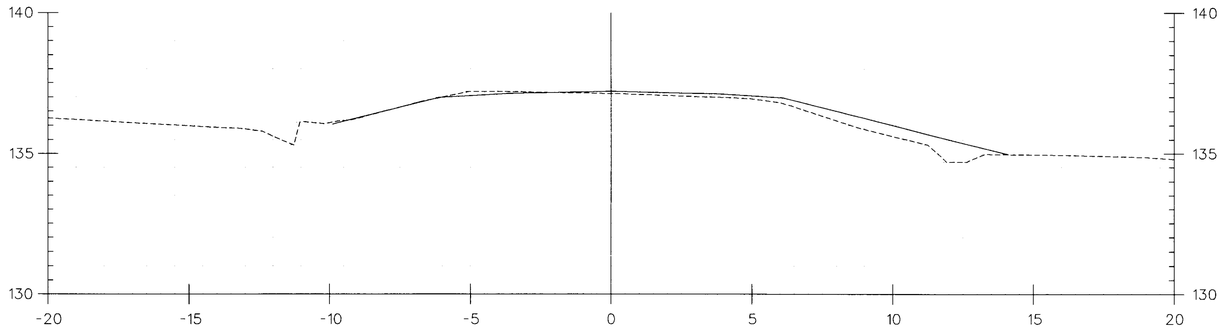
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

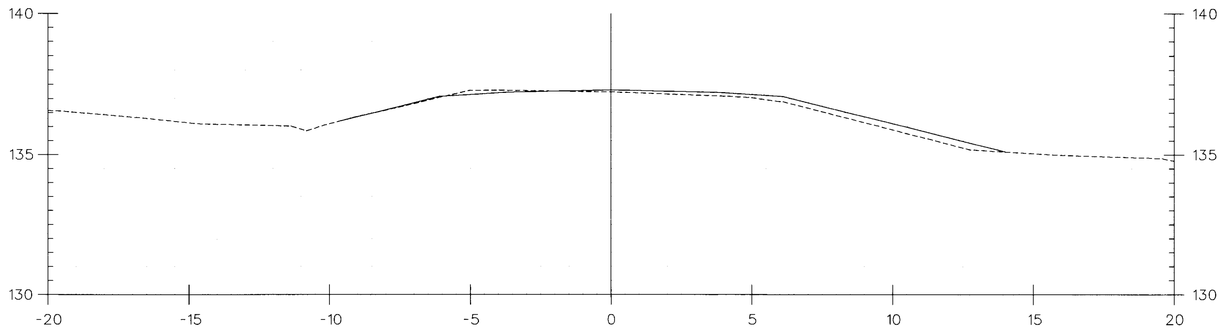
PROJECT: BRANDON-LEICESTER

PROJECT NO. : FEGC F 019-3 (29)

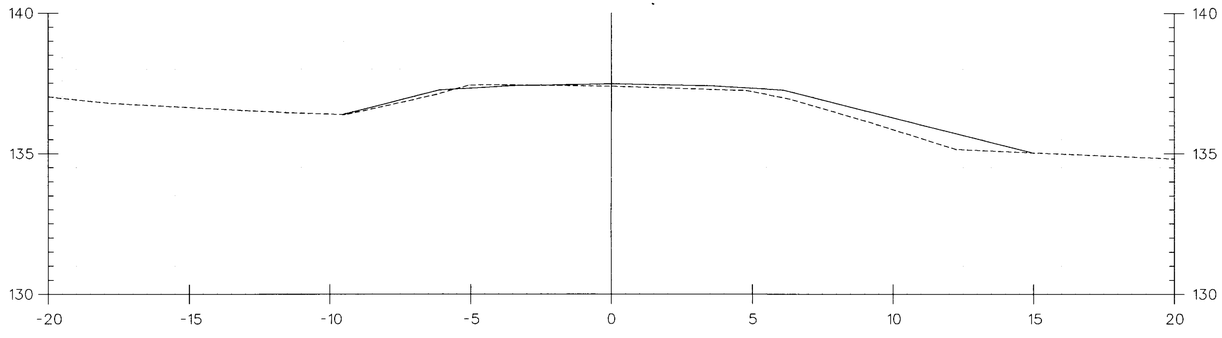
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SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE:06-29-2000
DRAWN BY:C.SZCZEPANSKI
SHEET: 88 OF 106



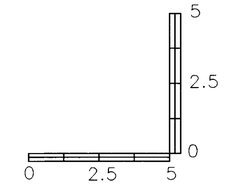
101+751.600



101+740.000



101+720.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

VERTICAL NAVD 88

HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs42

IPARM FILE NAME:

SURVEYED BY: VAOT

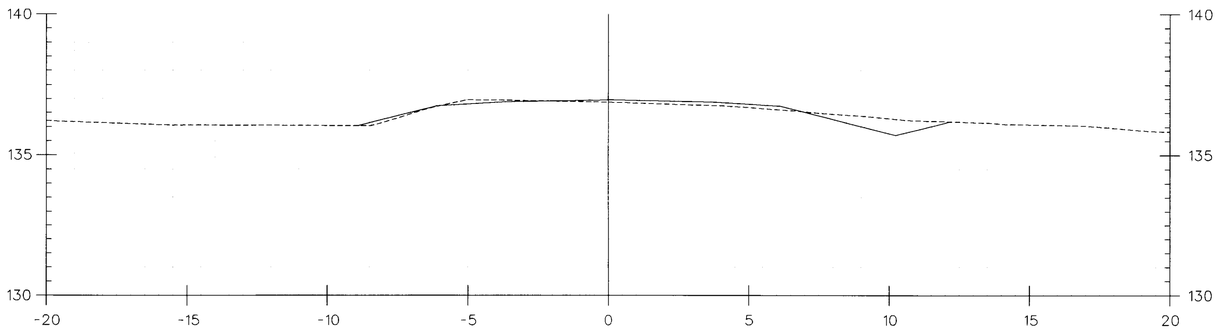
SQUAD LEADER: L. ORVIS P.C.

PLOT DATE: 07/22/2002

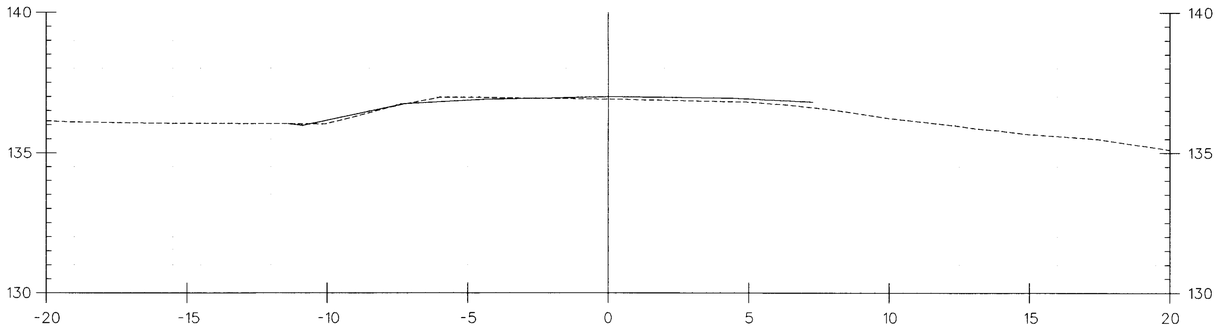
SURVEY DATE: 06-29-2000

DRAWN BY: C.SZCZEPANSKI

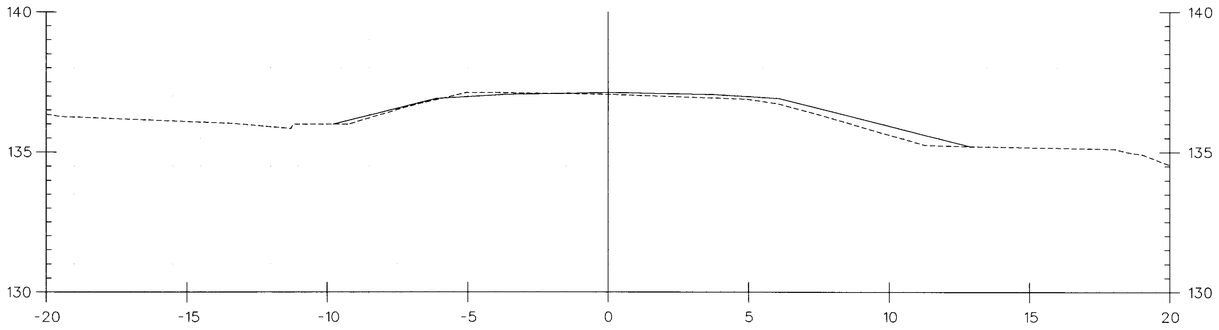
SHEET: 88 OF 106



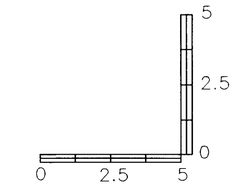
101+780.000



101+775.000



101+760.000

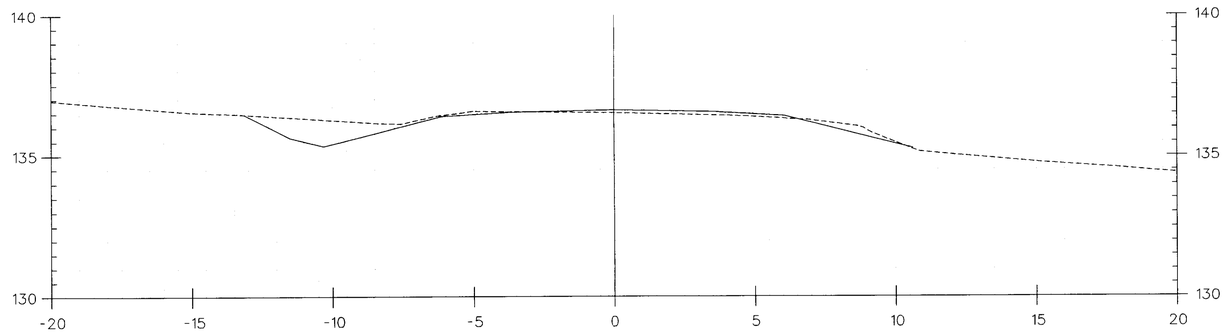


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

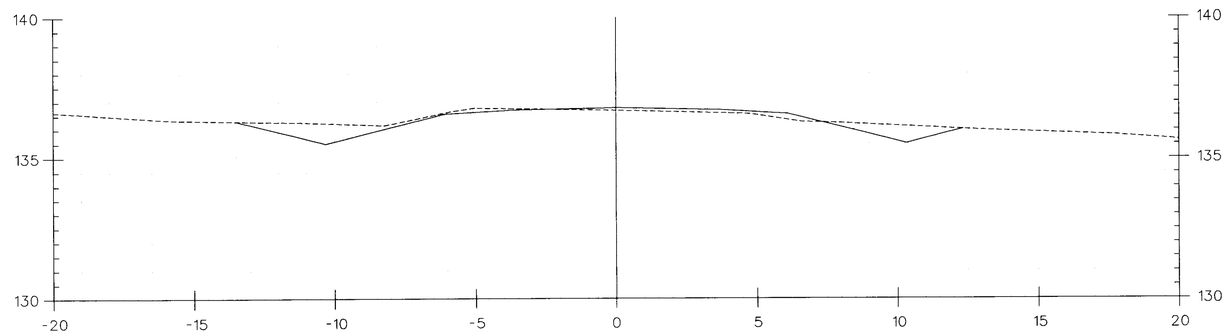
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

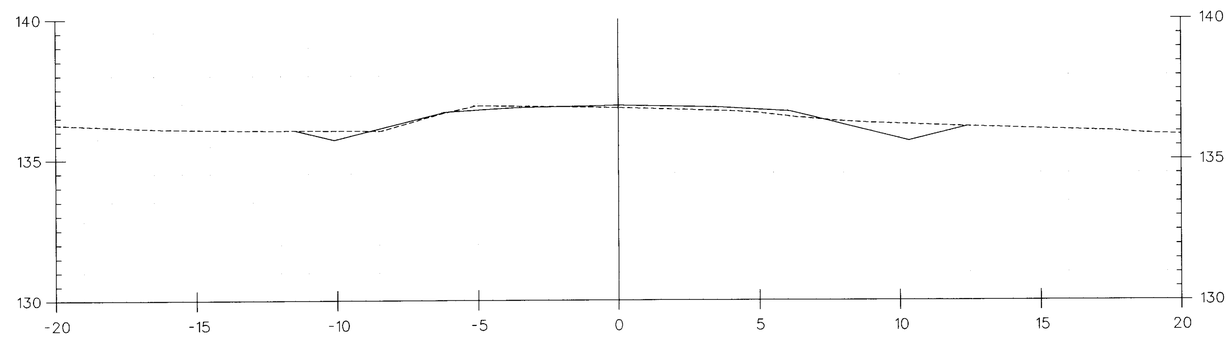
PROJECT: BRANDON-LEICESTER	PROJECT NO. : FEGC F 019-3 (29)
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IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



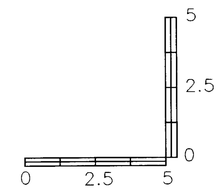
101+820.000



101+800.000



101+783.700



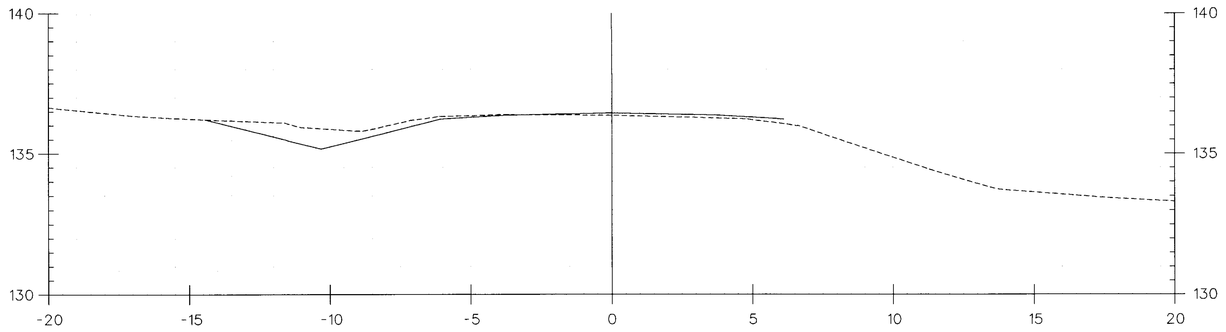
HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

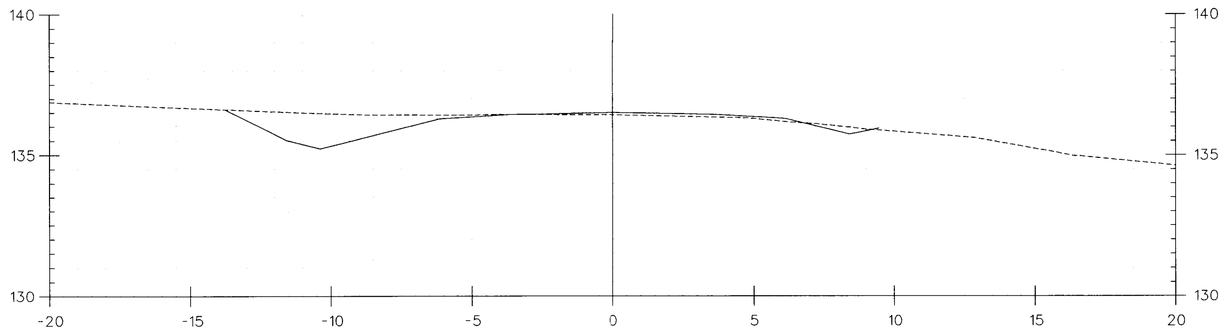
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER
PROJECT NO.: FEGC F 019-3 (29)

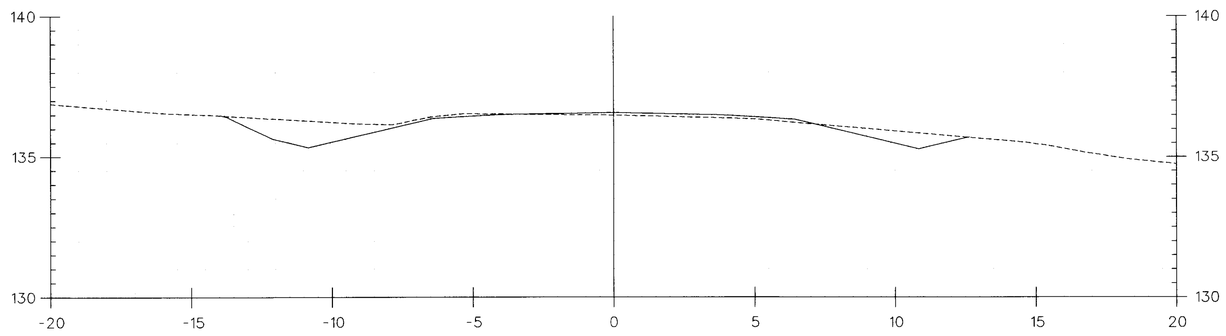
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



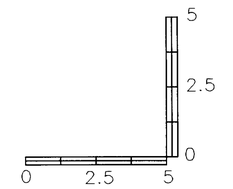
101+840.000



101+833.300



101+824.100

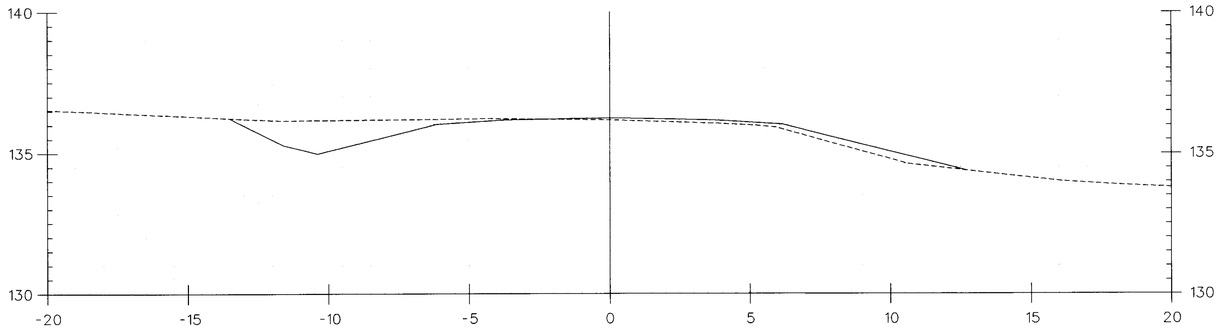


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

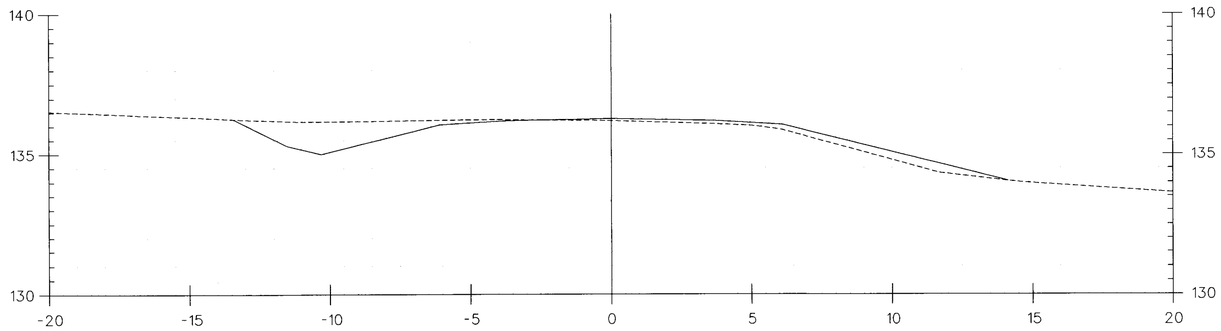
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

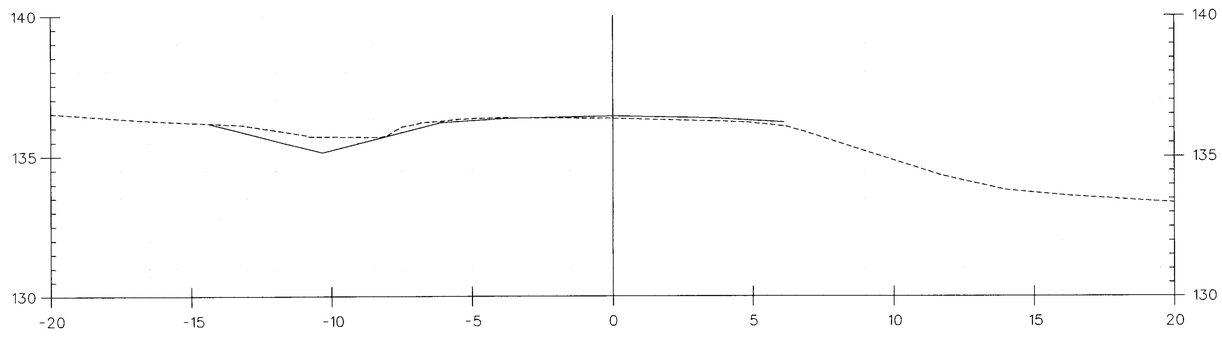
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
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IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



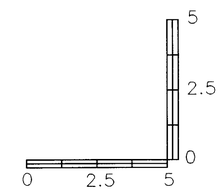
101+863.599



101+860.000



101+842.901

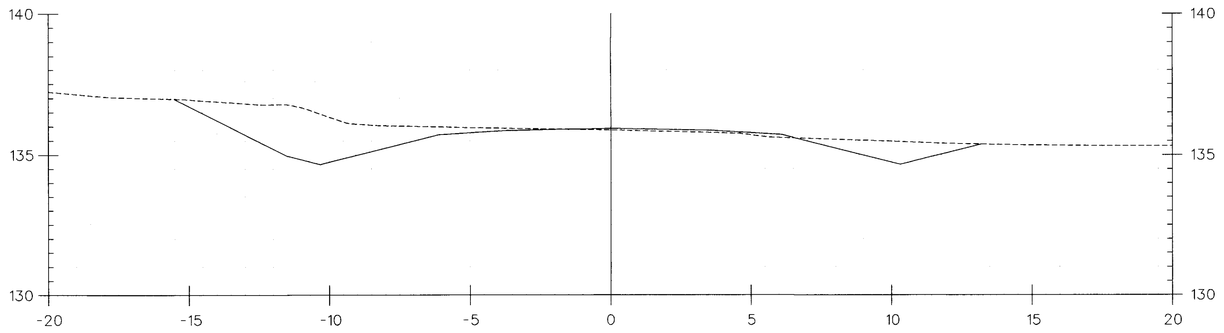


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

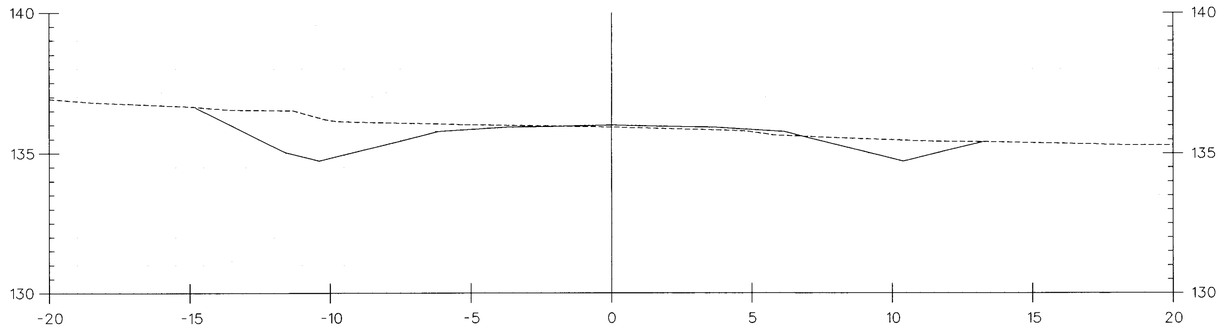
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

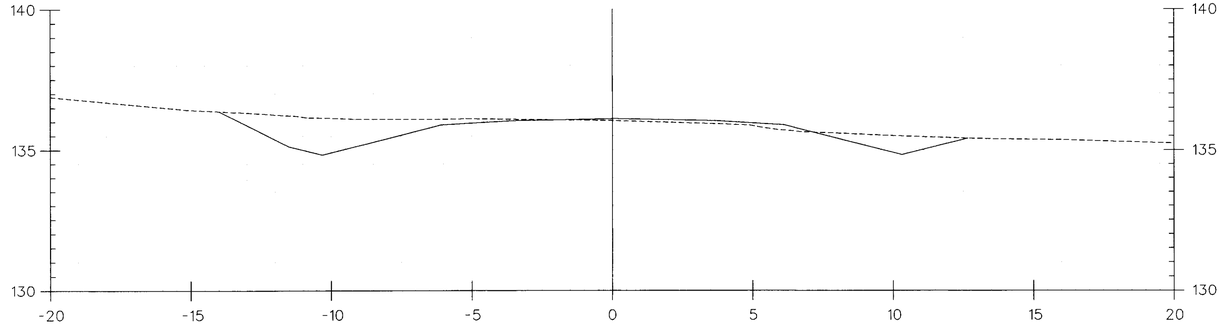
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs46	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



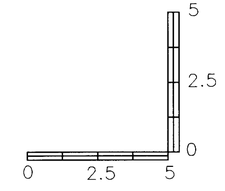
101+900.000



101+892.300



101+880.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

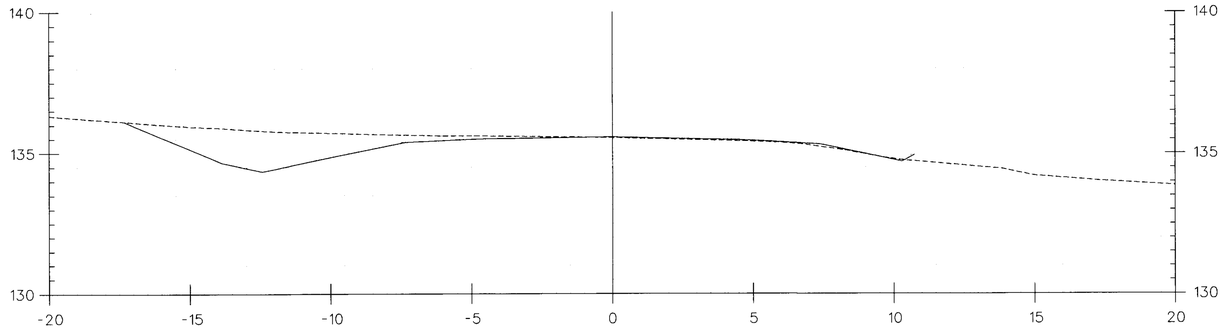
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

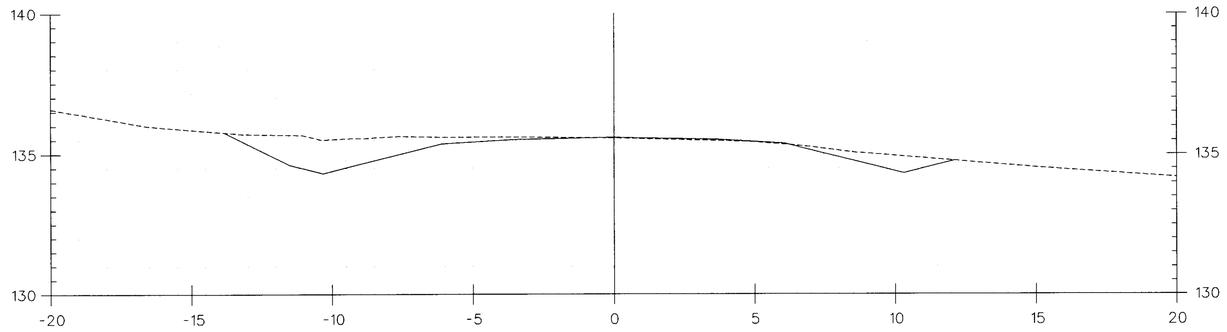
PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs47
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

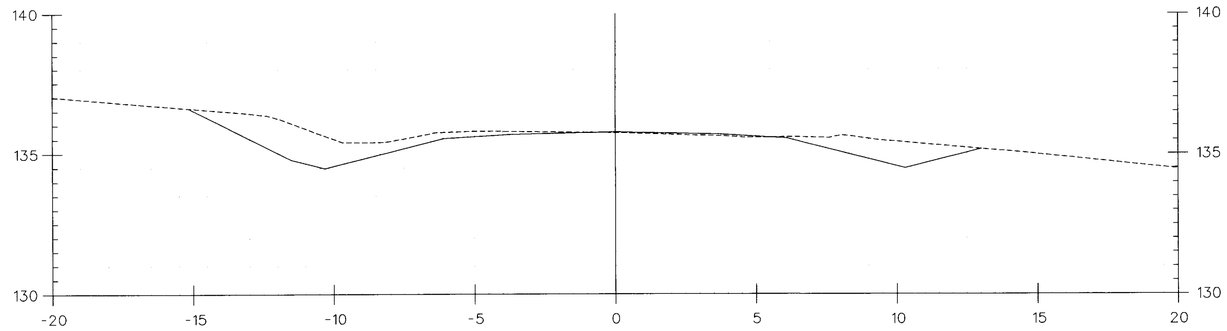
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



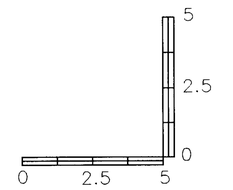
101+942.200



101+940.000



101+920.000

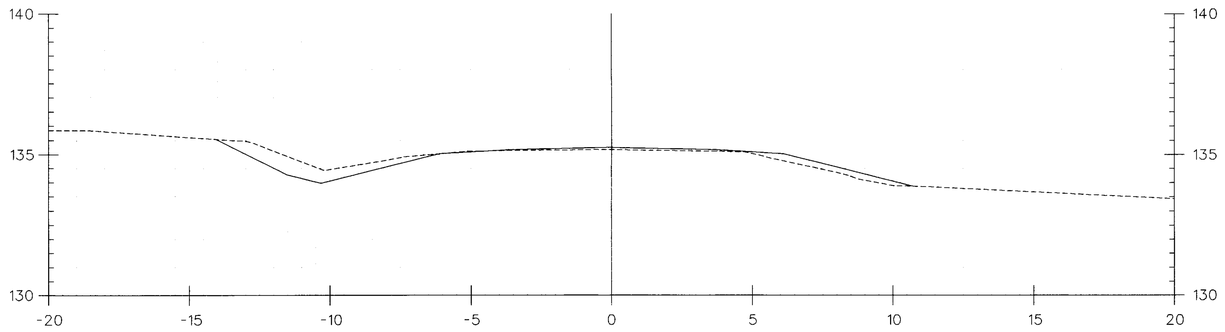


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

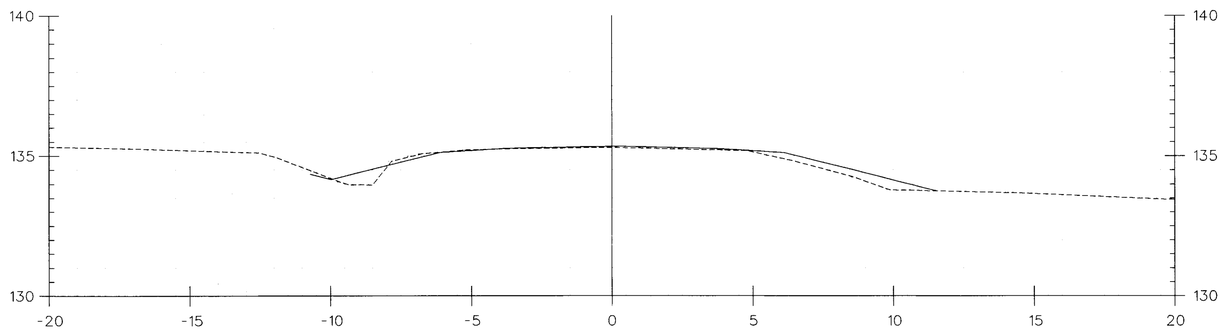
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

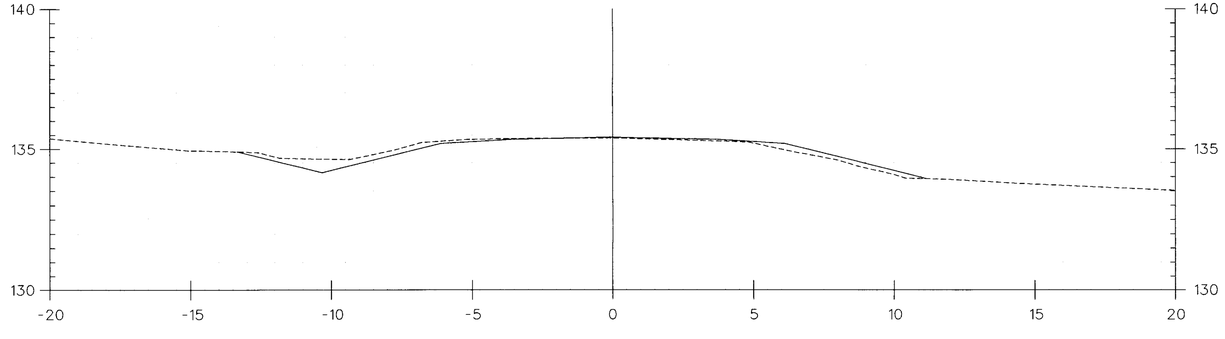
PROJECT: BRANDON-LEICESTER	PROJECT NO.: FEGC F 019-3 (29)
DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs48	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



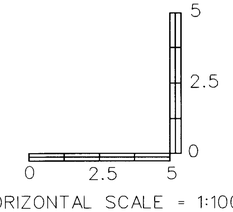
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101+969.700



101+960.000

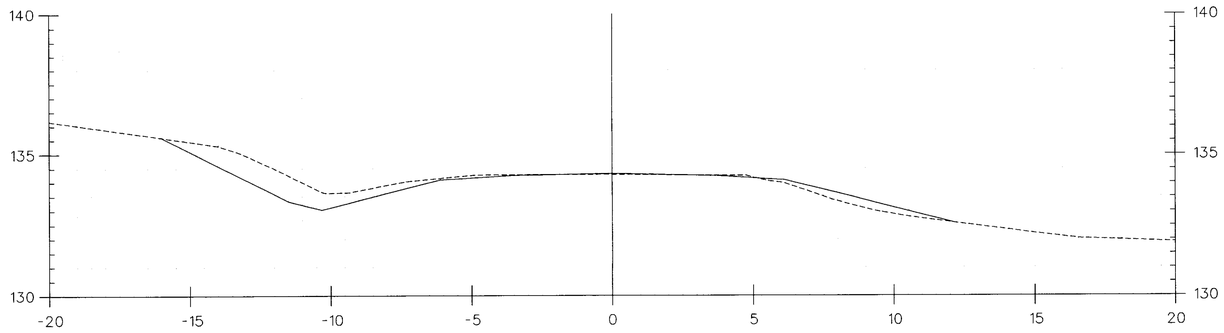


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

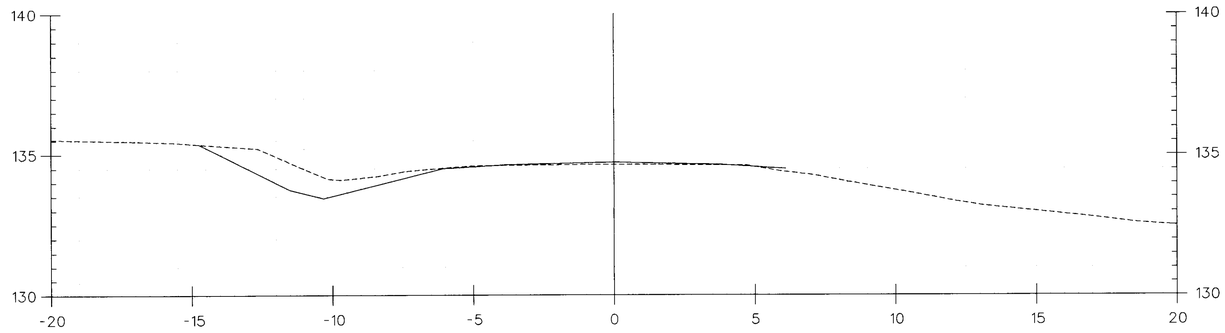
DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

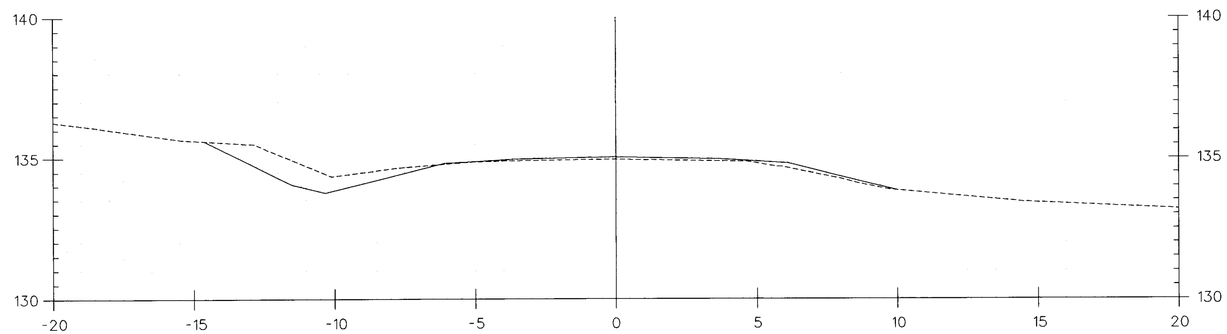
PROJECT: BRANDON-LEICESTER	PROJECT NO. : FEGC F 019-3 (29)
DESIGN FILE NAME:P:\Civil\Sheet\Cross sections & details\Cross sections\xd051xs49	
IPARM FILE NAME:	PLOT DATE: 07/22/2002
SURVEYED BY: VAOT	SURVEY DATE:06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY:C.SZCZEPANSKI
	SHEET: 88 OF 106



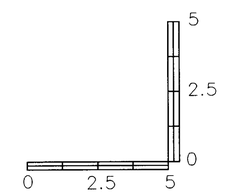
102+040.000



102+020.000



102+000.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

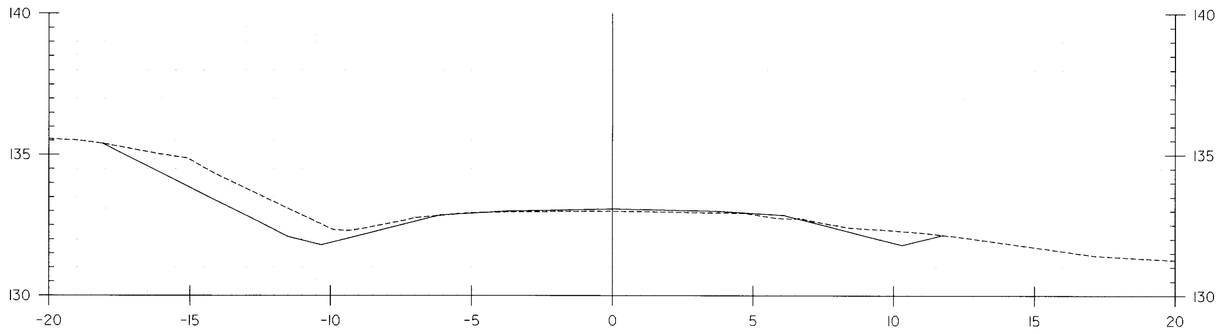
VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT: BRANDON-LEICESTER

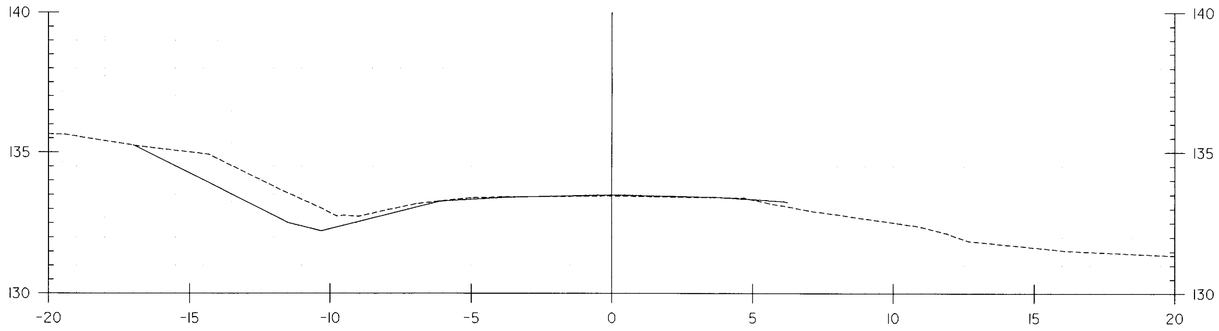
PROJECT NO.: FEGC F 019-3 (29)

DESIGN FILE NAME: P:\Civil\Sheet\Cross sections & details\Cross sections\xd051x50
IPARM FILE NAME:
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SQUAD LEADER: L. ORVIS P.C.

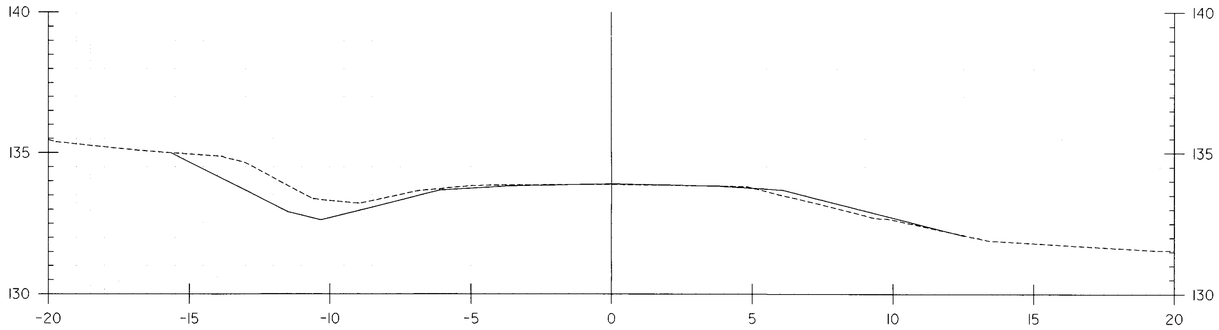
PLOT DATE: 07/22/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



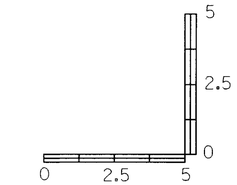
102+100.000



102+080.000



102+060.000

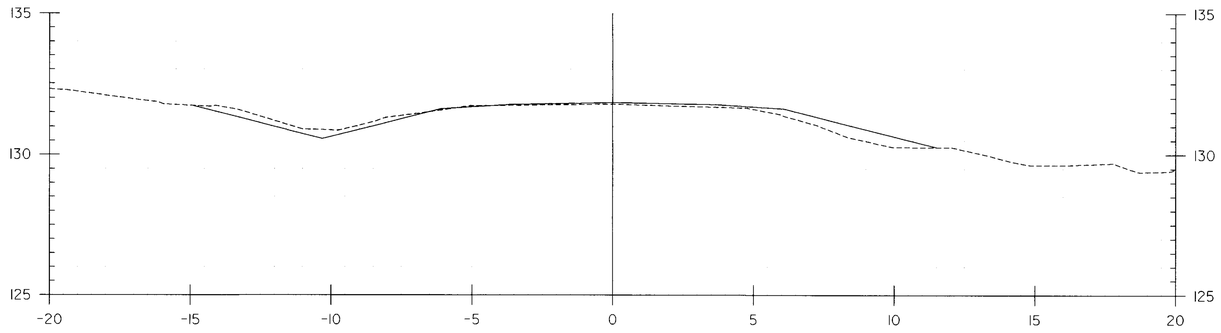


HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

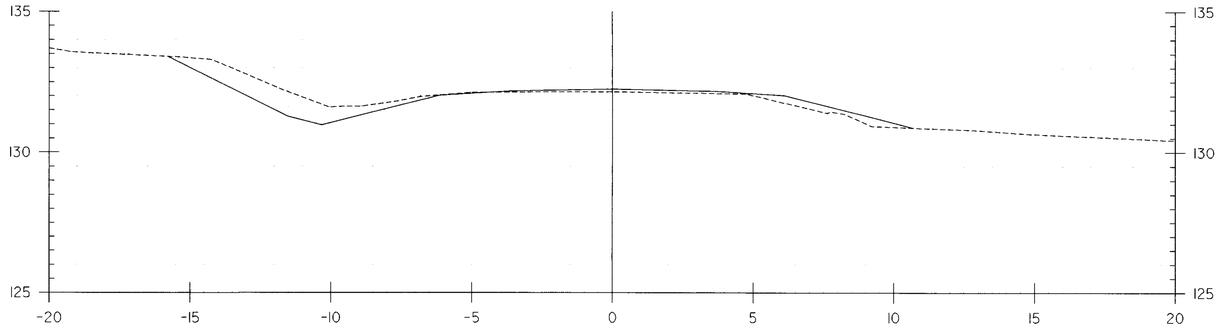
DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

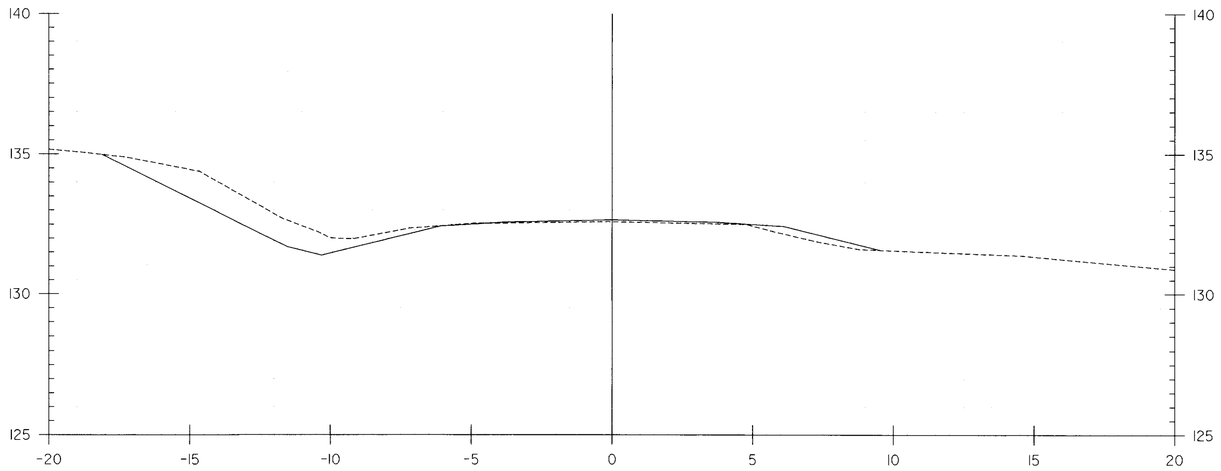
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SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



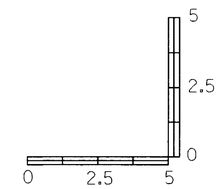
102+160.000



102+140.000



102+120.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

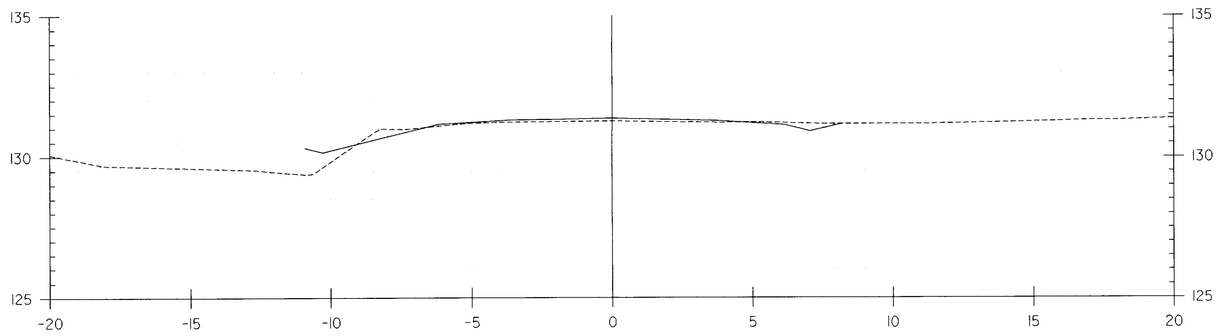
DATUM

VERTICAL	NAVD 88
HORIZONTAL	NAD 83

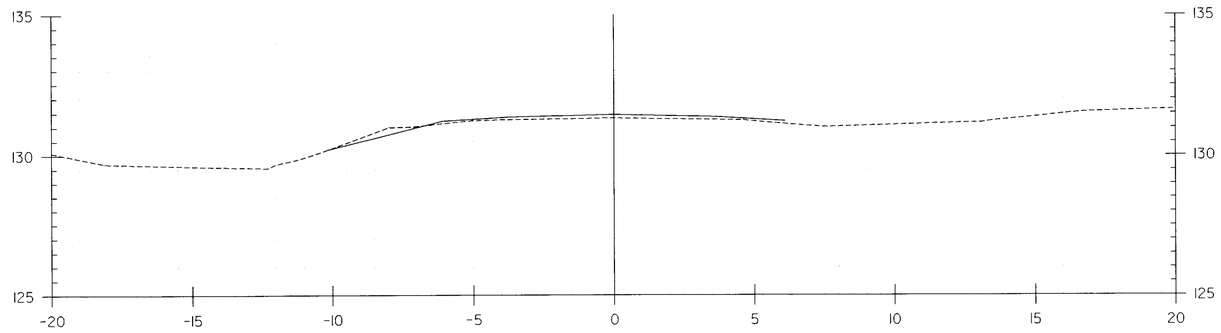
PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: $FILE$
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106

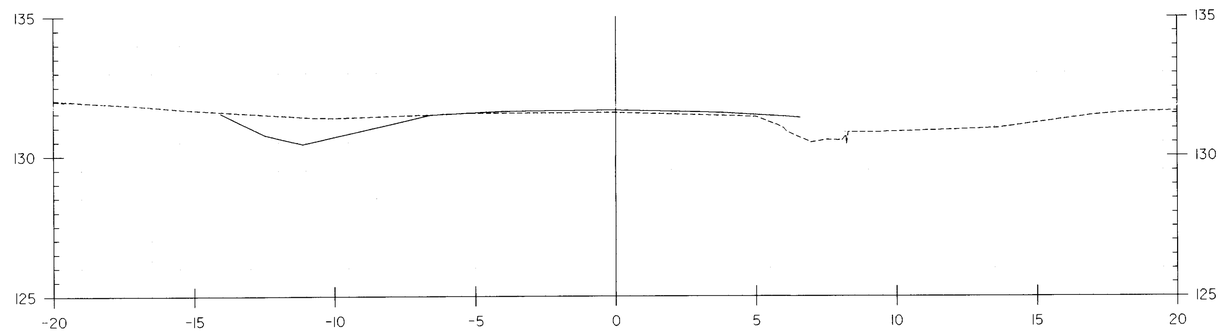
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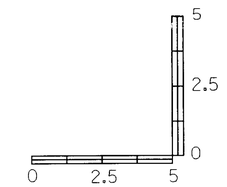
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102+180.000



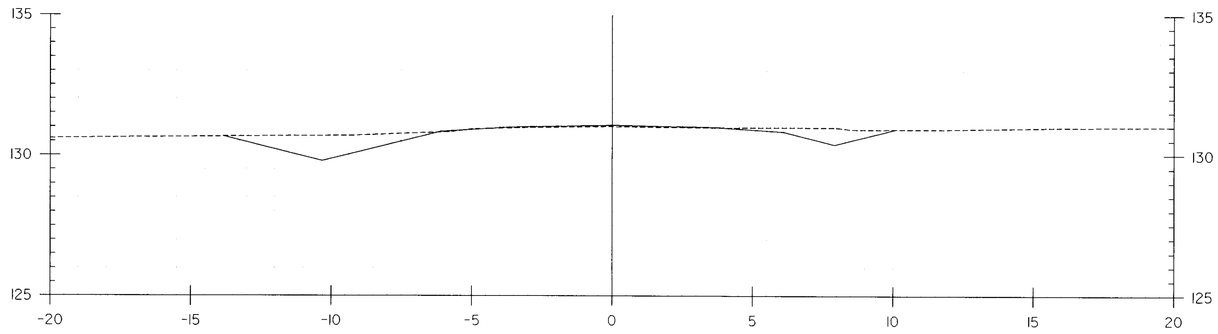
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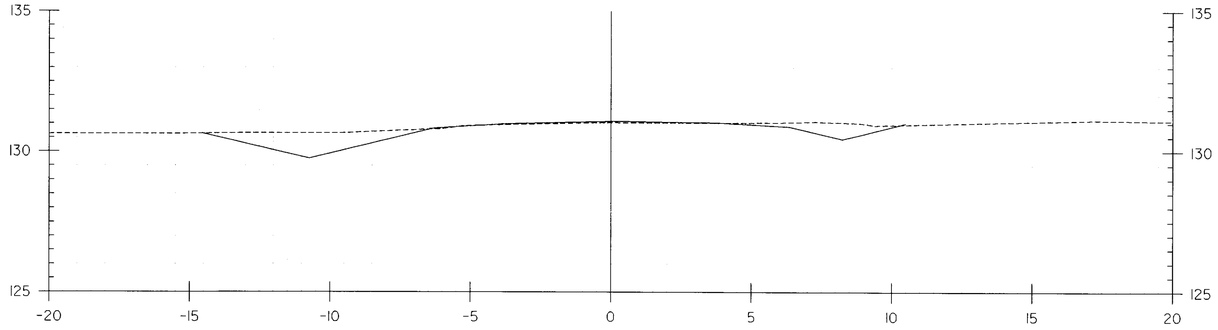
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VERTICAL SCALE = 1:100

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83

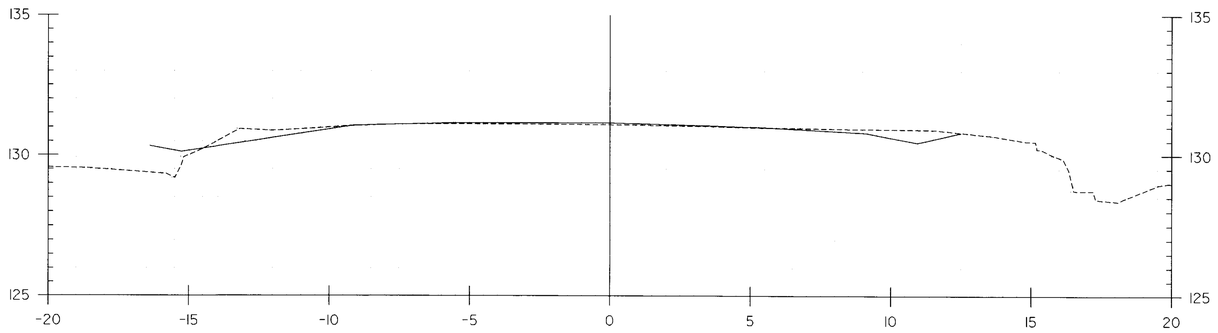
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BRANDON-LEICESTER	FEGC F 019-3 (29)
DESIGN FILE NAME: $FILE$	
IPARM FILE NAME:	PLOT DATE: $DATE$
SURVEYED BY: VAOT	SURVEY DATE: 06-29-2000
SQUAD LEADER: L. ORVIS P.C.	DRAWN BY: C.SZCZEPANSKI
	SHEET: 88 OF 106



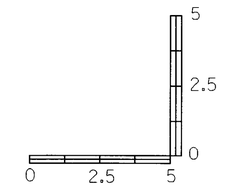
102+200.000



102+199.200



102+195.200



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

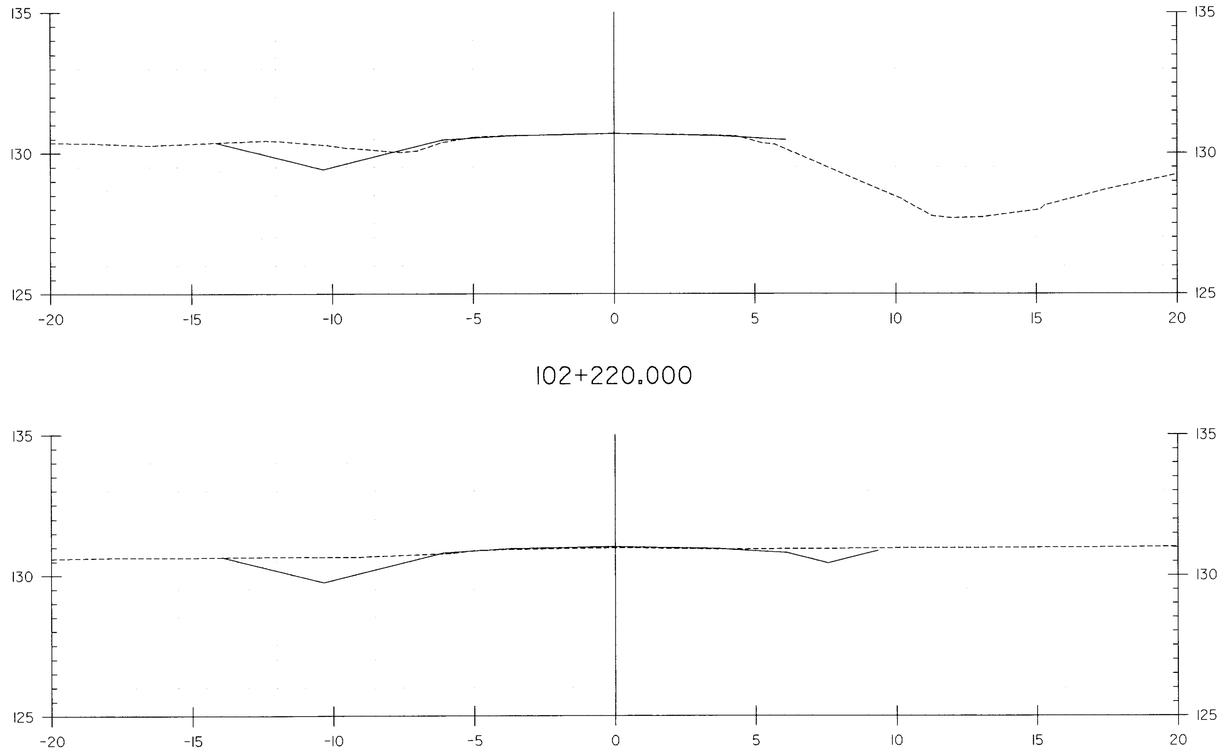
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VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

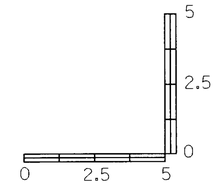
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IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106



102+220.000

102+202.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

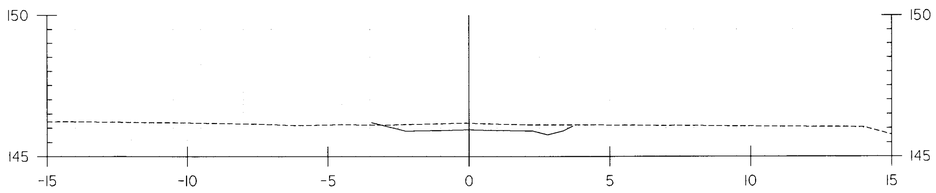
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VERTICAL	NAVD 88
HORIZONTAL	NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

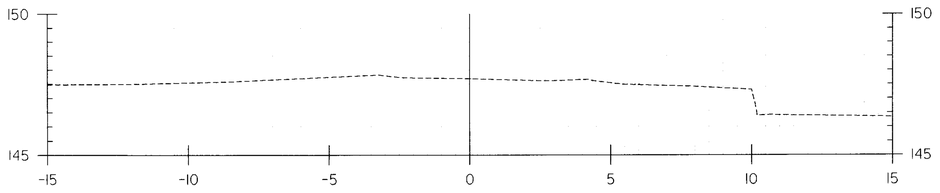
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SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.

PLOT DATE: $DATE$
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 88 OF 106

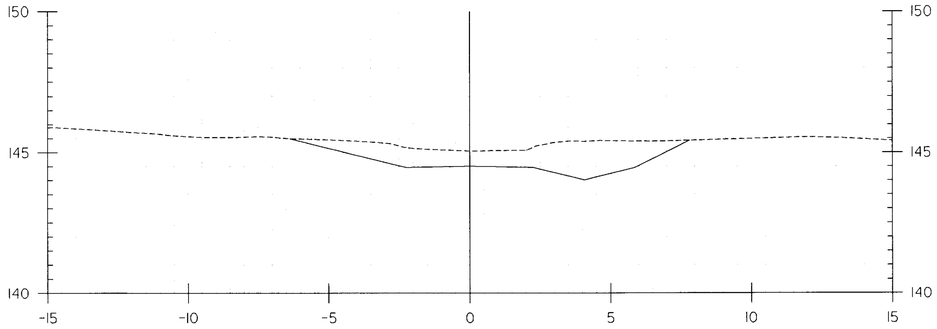
Metric



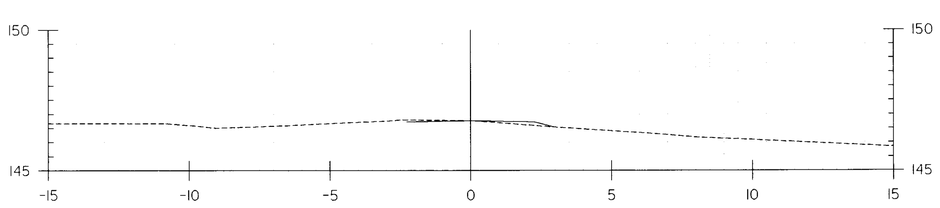
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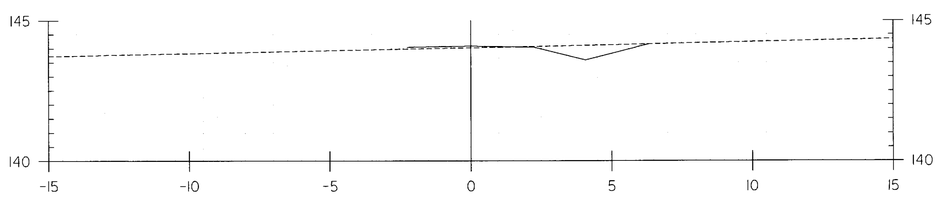
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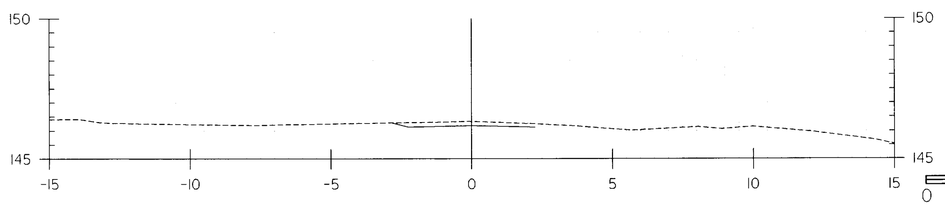
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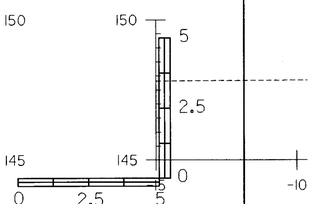
20+046.960



20+000.000



20+040.000



HORIZONTAL SCALE = 1:100
VERTICAL SCALE = 1:100

DATUM

VERTICAL NAVD 88
HORIZONTAL NAD 83

PROJECT:	PROJECT NO.:
BRANDON-LEICESTER	FEGC F 019-3 (29)

DESIGN FILE NAME: p:\Civil\Sheet\Cross sections & details\Cross sections\xd0
IPARM FILE NAME:
SURVEYED BY: VAOT
SQUAD LEADER: L. ORVIS P.C.
PLOT DATE: 07/19/2002
SURVEY DATE: 06-29-2000
DRAWN BY: C.SZCZEPANSKI
SHEET: 53 OF 106