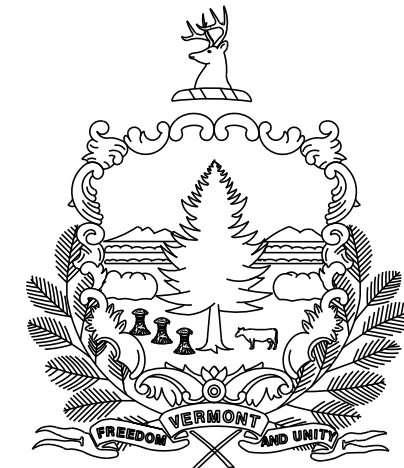


REVIEWER NOTES:

- 1) CONSTRUCTION TO TAKE PLACE DURING A 28 DAY CLOSURE PERIOD.
- 2) ROW AND UTILITY RELOCATION WILL BE REQUIRED FOR THIS PROJECT.

STATE OF VERMONT AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT BRIDGE PROJECT

TOWN OF SHAFTSBURY

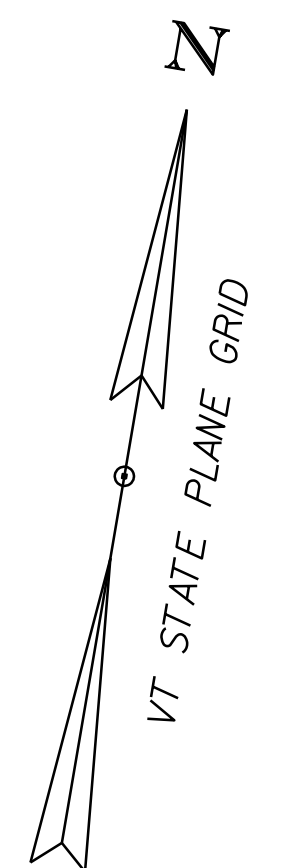
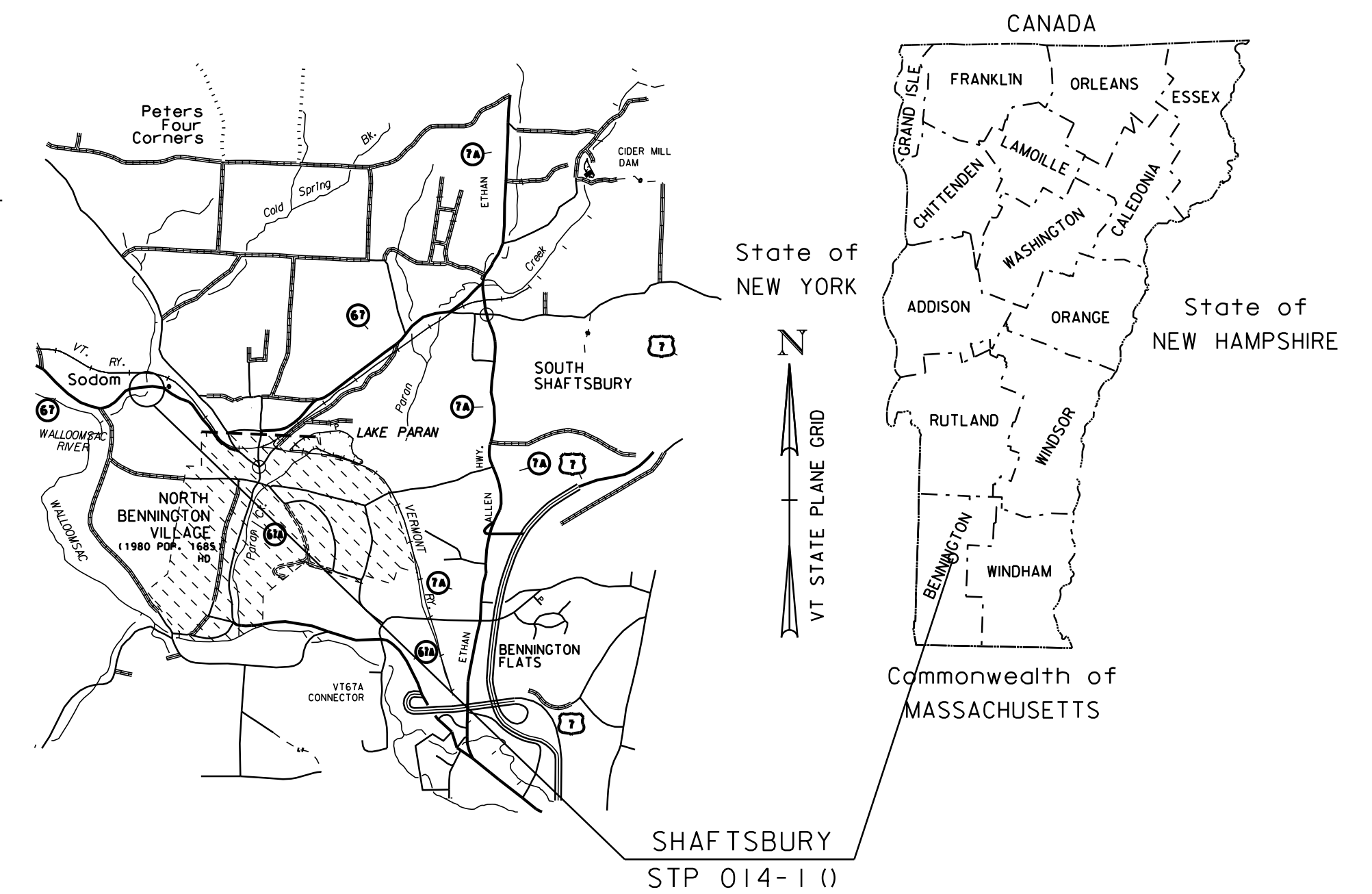
COUNTY OF BENNINGTON COUNTY

ROUTE NO : VT RTE 67, RURAL MINOR ARTERIAL BRIDGE NO : 1

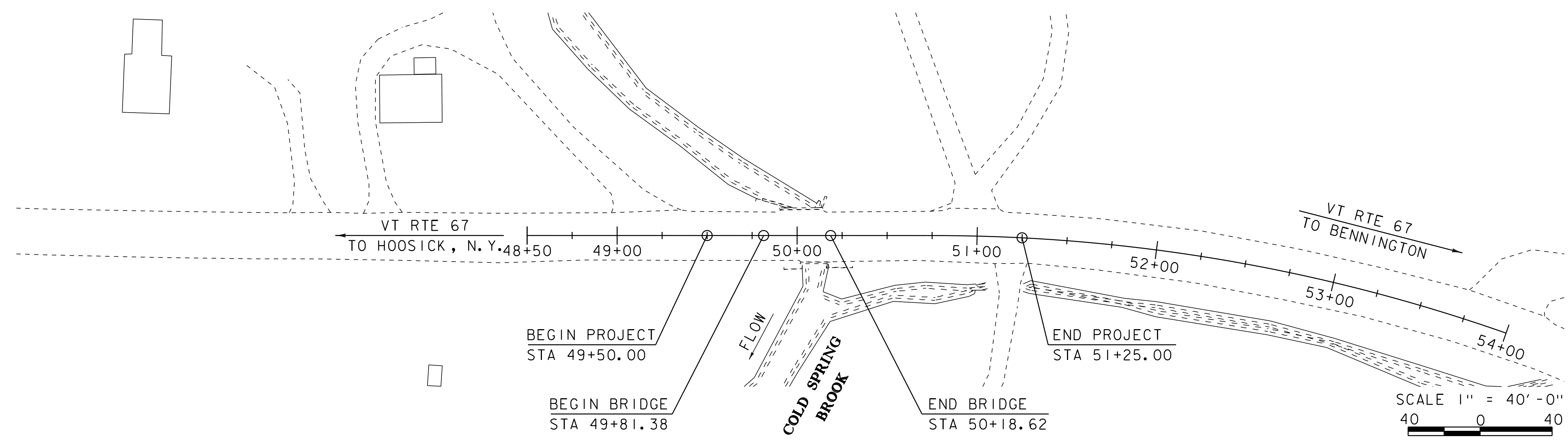
PROJECT LOCATION : VT. RTE. 67 HIGHWAY BRIDGE #1 OVER COLD SPRING BROOK LOCATED 0.96 MILES EAST OF NY BORDER AND 1.01 MILES WEST OF JCT. WITH VT. RTE. 67A

PROJECT DESCRIPTION : REPLACEMENT OF EXISTING BRIDGE TO INCLUDE THE SUPERSTRUCTURE AND SUBSTRUCTURE AND APPROACH ROADWAY WORK.

LENGTH OF STRUCTURE : 37.24 FEET.
 LENGTH OF ROADWAY : 137.76 FEET.
 LENGTH OF PROJECT : 175.00 FEET.



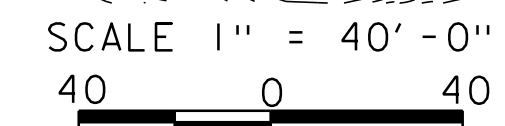
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2018, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON APRIL 13, 2018 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.



CONCEPTUAL PLANS 27-MAR-2020

| | |
|-------------------------------------|--------------|
| QUALITY ASSURANCE PROGRAM : LEVEL 2 | |
| SURVEYED BY : EIV TECH. SERVICES | |
| SURVEYED DATE : JANUARY 2011 | |
| DATUM | |
| VERTICAL | NAVD88 |
| HORIZONTAL | NAD83 (2011) |

| | |
|--------------------------------------|---------------|
| HIGHWAY DIVISION, CHIEF ENGINEER | |
| APPROVED _____ | DATE _____ |
| PROJECT MANAGER : CAROLYN COTA, P.E. | |
| PROJECT NAME : | SHAFTSBURY |
| PROJECT NUMBER : | STP 014-1 (6) |
| SHEET 1 OF 17 SHEETS | |



INDEX OF SHEETS

PLAN SHEETS

- 1 TITLE SHEET
- 2 PRELIMINARY INFORMATION SHEET
- 3 TYPICAL SECTIONS
- 4 SYMBOLOLOGY LEGEND
- 5 TIE SHEET
- 6 EPSC EXISTING CONDITIONS
- 7 LAYOUT SHEET
- 8 PROFILE SHEET
- 9 - 13 MAINLINE CROSS SECTIONS 1-5
- 14 MATERIAL TRANSITION & BANKING DIAGRAM
- 15 - 17 CHANNEL CROSS SECTIONS 1-3

DETAIL SHEETS

STANDARDS LIST

FINAL HYDRAULIC REPORT

TRAFFIC MAINTENANCE NOTES

- 1. MAINTAIN TWO-WAY TRAFFIC ON THE EXISTING STRUCTURE.
- 2. TRAFFIC SIGNALS ARE NOT NECESSARY.
- 3. SIDEWALKS ARE NOT NECESSARY

DESIGN VALUES

- 1. DESIGN LIVE LOAD HL-93
- 2. FUTURE PAVEMENT dp : ---
- 3. DESIGN SPAN L : 34.05 FT
- 4. MIN. MID-SPAN POS. CAMBER @ RELEASE (PRESTRESSED UNITS) Δ : ---
- 5. PRESTRESSING STRAND f_y : ---
- 6. PRESTRESSED CONCRETE STRENGTH $f'c$: ---
- 7. PRESTRESSED CONCRETE RELEASE STRENGTH $f'cr$: ---
- 8. HIGH PERFORMANCE CONCRETE, CLASS PCD $f'c$: 4.0 KSI
- 9. HIGH PERFORMANCE CONCRETE, CLASS PCS $f'c$: 3.5 KSI
- 10. CONCRETE HIGH PERFORMANCE, CLASS PSS $f'c$: ---
- 11. CONCRETE, CLASS C $f'c$: ---
- 12. REINFORCING STEEL f_y : 60 KSI
- 13. STRUCTURAL STEEL AASHTO M270 (WEATHERING) f_y : 50 KSI
- 14. NOMINAL BEARING RESISTANCE OF SOIL qn : ---
- 15. SOIL BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD) ϕ : ---
- 16. NOMINAL BEARING RESISTANCE OF ROCK qn : ---
- 17. ROCK BEARING RESISTANCE FACTOR (REFER TO AASHTO LRFD) ϕ : ---

LRFR LOAD RATING FACTORS

| LOADING LEVELS | TRUCK | | | | | | |
|----------------|-------|-------|-----|--------|---------|---------|--------|
| | H-20 | HL-93 | 3S2 | 6 AXLE | 3A STR. | 4A STR. | 5A SEM |
| TONNAGE | 20 | 36 | 36 | 66 | 30 | 34.5 | 38 |
| INVENTORY | | | | | | | |
| POSTING | | | | | | | |
| OPERATING | | | | | | | |
| COMMENTS: | | | | | | | |

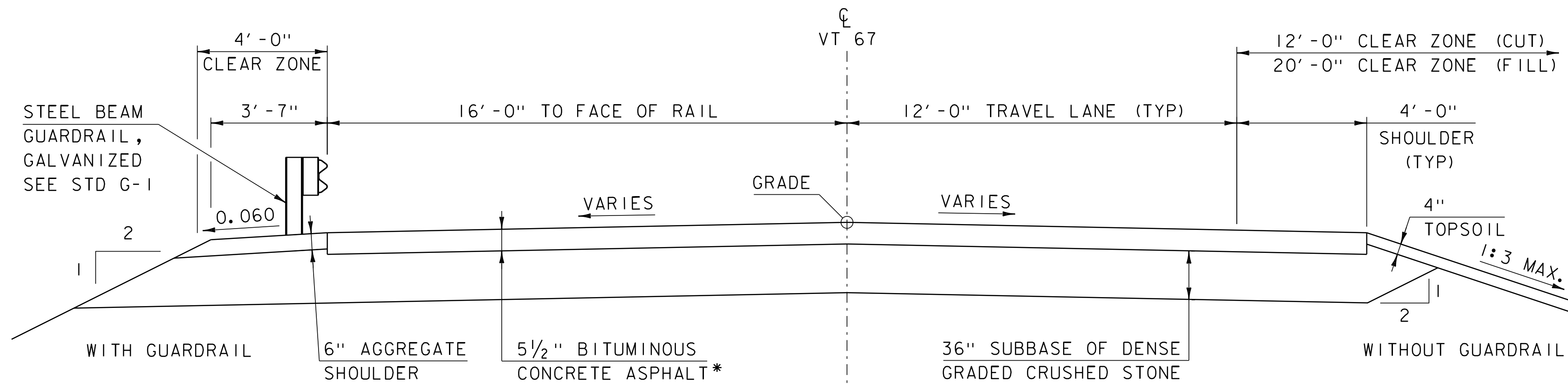
TRAFFIC DATA

| YEAR | ADT | DHV | % D | % T | ADTT |
|------|------|-----|-----|------|------|
| 2020 | 3200 | 360 | 61 | 7.6 | 250 |
| 2040 | 3500 | 400 | 61 | 11.4 | 400 |

| AS BUILT "REBAR" DETAIL | | |
|-------------------------|----------|-----------|
| LEVEL I | LEVEL II | LEVEL III |
| TYPE: | TYPE: | TYPE: |
| GRADE: | GRADE: | GRADE: |

20 year ESAL for flexible pavement from 2020 to 2040 : 1665000
 40 year ESAL for flexible pavement from 2020 to 2060 : 3757000
 Design Speed : 50 mph

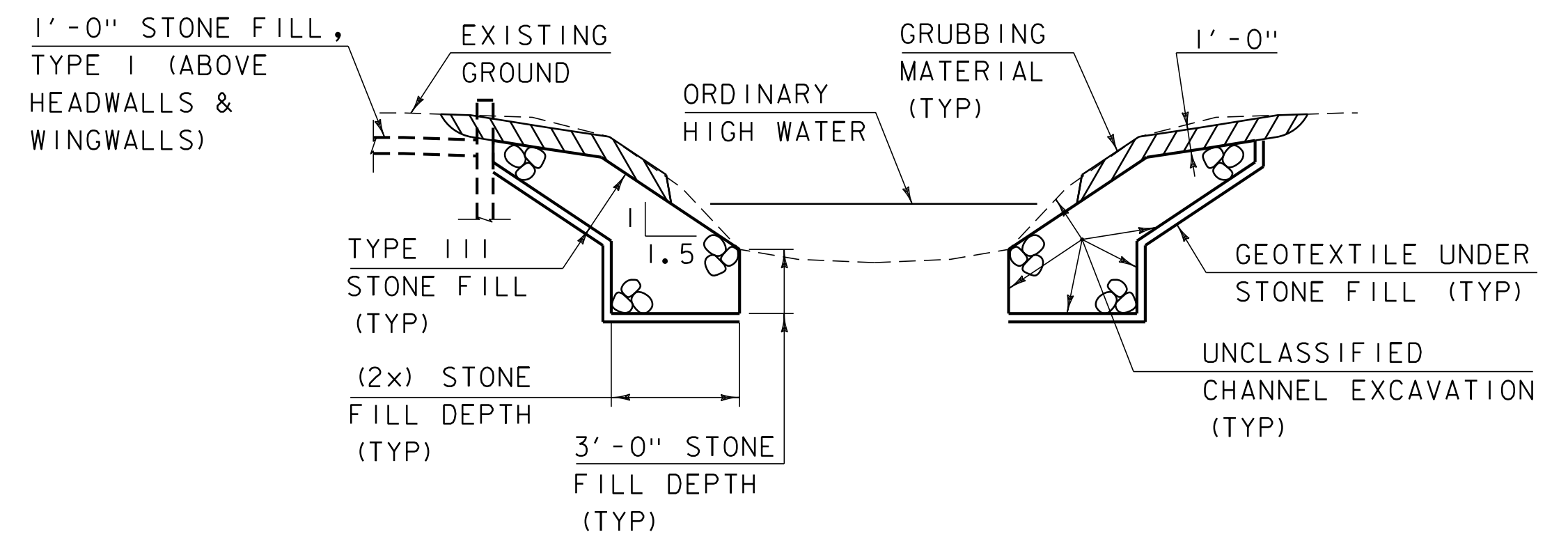
PROJECT NAME: **SHAFTSBURY**
 PROJECT NUMBER: **STP 014-1(6)**
 FILE NAME: **s16b083forms.dgn** PLOT DATE: 1/15/2020
 PROJECT LEADER: **C. COTA** DRAWN BY: **R. PELLETT**
 DESIGNED BY: **D. PETERSON** CHECKED BY: **D. PETERSON**
PRELIMINARY INFORMATION SHEET SHEET 2 OF 17



* 2 LIFTS - 1 1/2" BCP TYPE IVS
 2 LIFTS - 2 1/2" BCP TYPE IIS

PROPOSED VT 67 TYPICAL SECTION

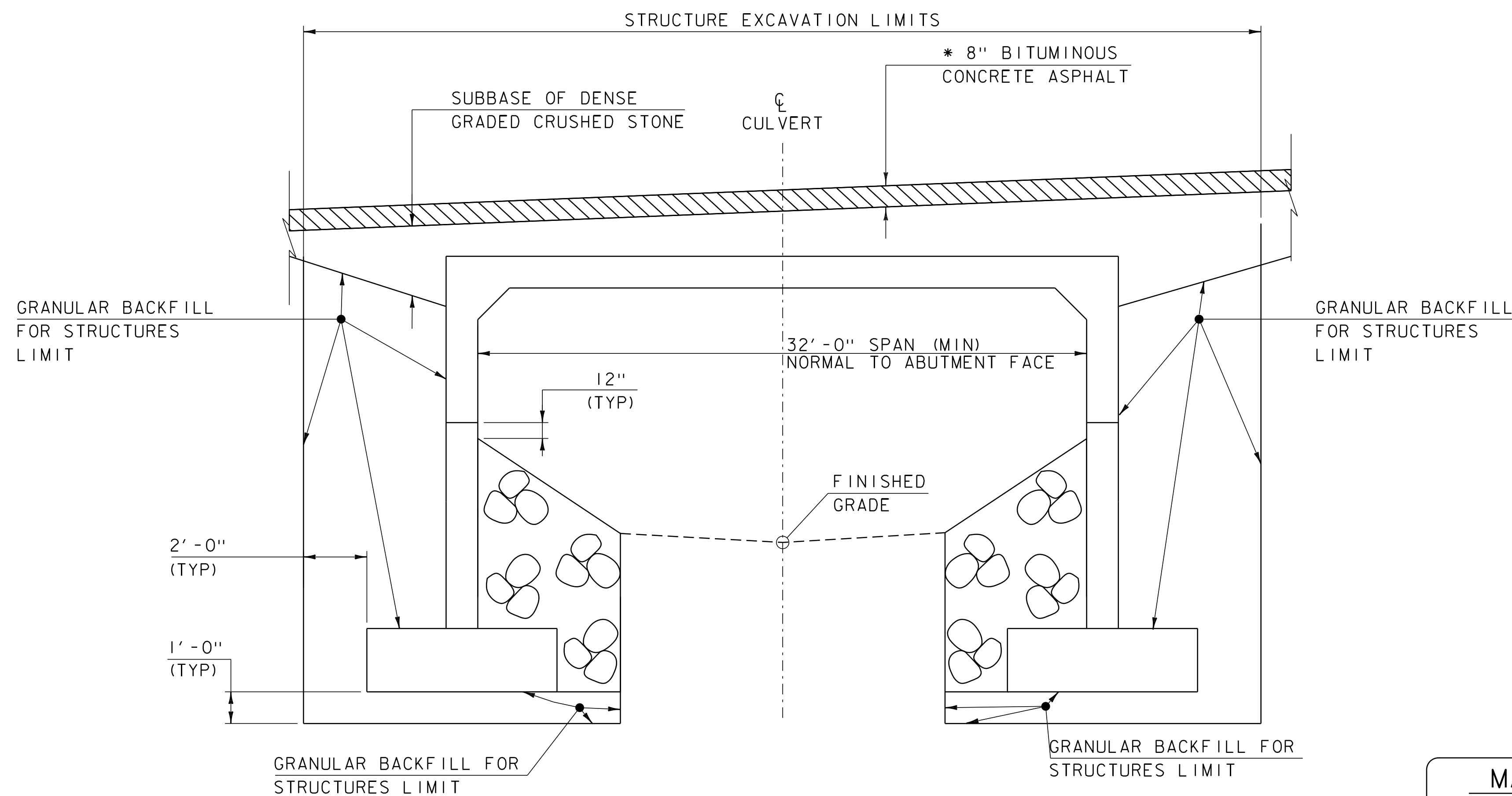
SCALE 3/8" = 1'-0"



TYPICAL CHANNEL SECTION

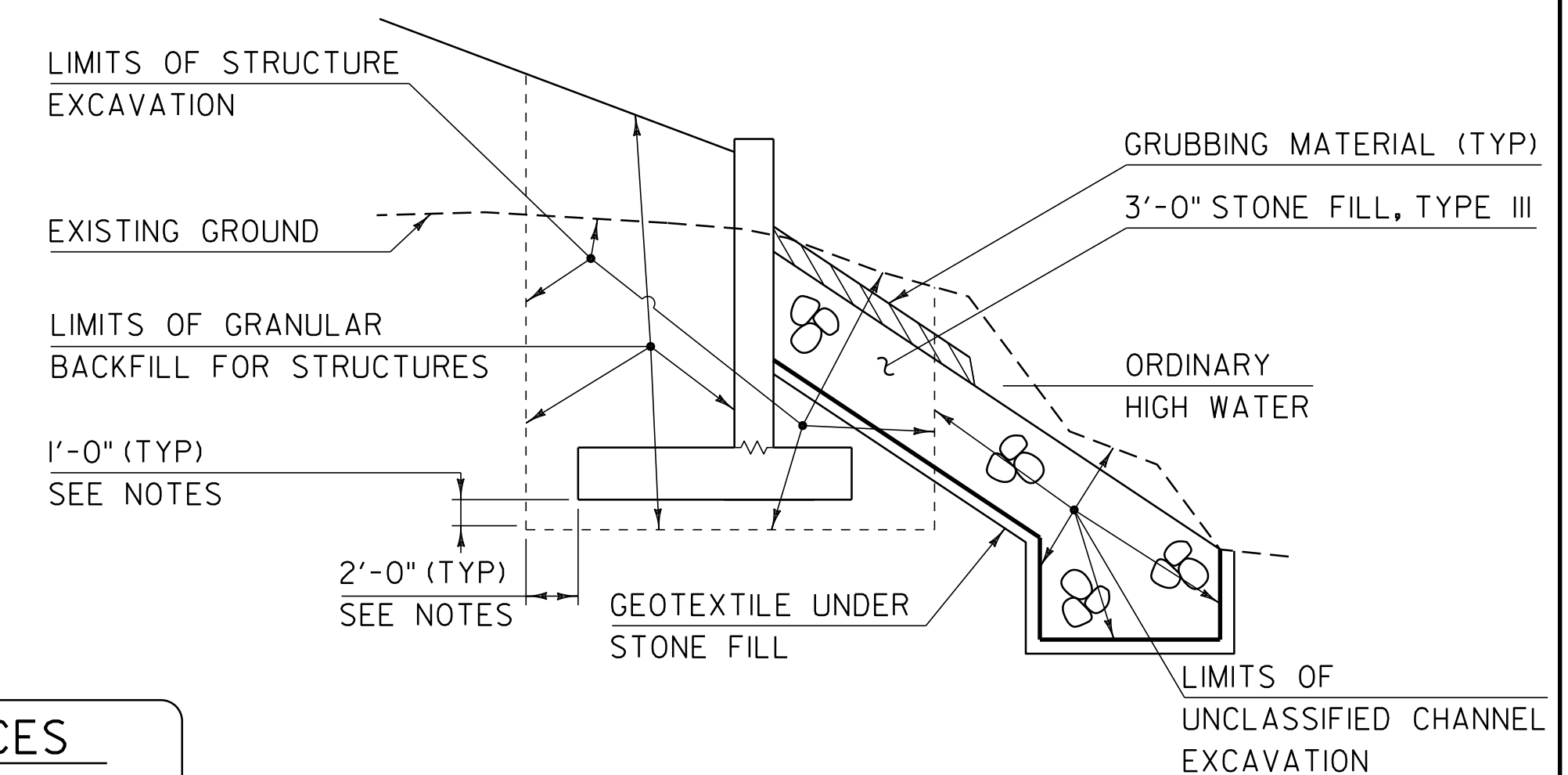
(NOT TO SCALE)

- WHENEVER CHANNEL SLOPE INTERSECTS ROADWAY SUBBASE, GRUBBING MATERIAL SHALL BEGIN AT THE BOTTOM OF SUBBASE.
- THE CONTRACTOR SHALL CREATE A LOW FLOW CHANNEL IN THE STREAM BED MATERIAL AS DIRECTED BY THE ENGINEER.
- GRUBBING MATERIAL SHALL BE PLACED UNDERNEATH STRUCTURES WHERE THERE IS MORE THAN 6 FEET VERTICALLY FROM ORDINARY HIGH WATER (OHW) TO THE BOTTOM OF SUPERSTRUCTURE AND MORE THAN 6 FEET HORIZONTALLY FROM OHW LINE TO FRONT FACE OF ABUTMENT. THIS MATERIAL SHALL START JUST ABOVE THE OHW ELEVATION AND TERMINATE 3 FEET HORIZONTALLY FROM THE FRONT FACE OF THE ABUTMENT. THIS MATERIAL SHALL NOT BE PLACED IN AREAS THAT WILL SEE CONCENTRATED FLOWS RESULTING FROM SURFACE WATER RUNOFF. GRUBBING MATERIAL MAY BE OMITTED IF LESS THAN 3 FEET IN WIDTH BENEATH A STRUCTURE. SEE CHANNEL SECTIONS FOR ADDITIONAL DETAILING.



PROPOSED TYPICAL SECTION

NOT TO SCALE



TYPICAL WINGWALL SECTION

(NOT TO SCALE)

| MATERIAL TOLERANCES (IF USED ON PROJECT) | |
|---|----------|
| SURFACE | |
| - PAVEMENT (TOTAL THICKNESS) | +/- 1/4" |
| - AGGREGATE SURFACE COURSE | +/- 1/2" |
| SUBBASE | |
| | +/- 1" |
| SAND BORROWS | |
| | +/- 1" |

PROJECT NAME: SHAFTSBURY
 PROJECT NUMBER: STP 014-1(6)

FILE NAME: sl6b083typ.dgn PLOT DATE: 27-MAR-2020
 PROJECT LEADER: C. COTA DRAWN BY: R. PELLETT
 DESIGNED BY: D. PETERSON CHECKED BY: D. PETERSON
 TYPICAL SECTIONS SHEET 3 OF 17

GENERAL INFORMATION

SYMBOLGY LEGEND NOTE

THE SYMBOLGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLGY. THE SYMBOLGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

R.O.W. ABBREVIATIONS (CODES) & SYMBOLS

| POINT CODE | DESCRIPTION |
|------------|------------------------------|
| BF | BARRIER FENCE |
| CH | CHANNEL EASEMENT |
| CONST | CONSTRUCTION EASEMENT |
| CUL | CULVERT EASEMENT |
| D&C | DISCONNECT & CONNECT |
| DIT | DITCH EASEMENT |
| DR | DRAINAGE EASEMENT |
| DRIVE | DRIVEWAY EASEMENT |
| EC | EROSION CONTROL |
| HWY | HIGHWAY EASEMENT |
| I&M | INSTALL & MAINTAIN EASEMENT |
| LAND | LANDSCAPE EASEMENT |
| PDF | PROJECT DEMARCATION FENCE |
| R&RES | REMOVE & RESET |
| R&REP | REMOVE & REPLACE |
| R.T.& I. | RIGHT, TITLE, AND INTEREST |
| SR | SLOPE RIGHT |
| UE | UTILITY EASEMENT |
| (P) | PERMANENT EASEMENT |
| (T) | TEMPORARY EASEMENT |
| ■ | BNDNS BOUND SET |
| ▣ | BNDNS BOUND TO BE SET |
| ⊙ | IPNF IRON PIN FOUND |
| ● | IPNS IRON PIN TO BE SET |
| ⊠ | CALC EXISTING ROW POINT |
| ○ | PROW PROPOSED ROW POINT |
| [LENGTH] | LENGTH CARRIED ON NEXT SHEET |

COMMON TOPOGRAPHIC POINT SYMBOLS

| POINT CODE | DESCRIPTION |
|------------|----------------------------------|
| ⊕ | APL BOUND APPARENT LOCATION |
| ◻ | BM BENCHMARK |
| ◻ | BND BOUND |
| ⊞ | CB CATCH BASIN |
| ⊞ | COMB COMBINATION POLE |
| ⊞ | DITHR DROP INLET THROATED DNC |
| ⊞ | EL ELECTRIC POWER POLE |
| ⊙ | FPOLE FLAGPOLE |
| ○ | GASFIL GAS FILLER |
| ○ | GP GUIDE POST |
| × | GSO GAS SHUT OFF |
| ○ | GUY GUY POLE |
| ○ | GUYW GUY WIRE |
| × | GV GATE VALVE |
| ⊞ | H TREE HARDWOOD |
| △ | HCTRL CONTROL HORIZONTAL |
| △ | HVCTRL CONTROL HORIZ. & VERTICAL |
| ◇ | HYD HYDRANT |
| ⊙ | IP IRON PIN |
| ⊙ | IPIPE IRON PIPE |
| ⊞ | LI LIGHT - STREET OR YARD |
| ⊞ | MB MAILBOX |
| ○ | MH MANHOLE (MH) |
| ⊞ | MM MILE MARKER |
| ⊞ | PM PARKING METER |
| ⊞ | PMK PROJECT MARKER |
| ⊙ | POST POST STONE/WOOD |
| ⊞ | RRSIG RAILROAD SIGNAL |
| ⊞ | RRSL RAILROAD SWITCH LEVER |
| ⊞ | S TREE SOFTWOOD |
| ⊞ | SAT SATELLITE DISH |
| ⊞ | SHRUB SHRUB |
| ⊞ | SIGN SIGN |
| ⊞ | STUMP STUMP |
| ⊞ | TEL TELEPHONE POLE |
| ⊙ | TIE TIE |
| ⊞ | TSIGN SIGN W/DOUBLE POST |
| ⊞ | VCTRL CONTROL VERTICAL |
| ⊙ | WELL WELL |
| × | WSO WATER SHUT OFF |

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

| CODE | DESCRIPTION |
|------|-------------------------|
| PC | POINT OF CURVATURE |
| PI | POINT OF INTERSECTION |
| CC | CENTER OF CURVE |
| PT | POINT OF TANGENCY |
| PCC | POINT OF COMPOUND CURVE |
| PRC | POINT OF REVERSE CURVE |
| POB | POINT OF BEGINNING |
| POE | POINT OF ENDING |
| STA | STATION PREFIX |
| AH | AHEAD STATION SUFFIX |
| BK | BACK STATION SUFFIX |
| D | CURVE DEGREE OF (100FT) |
| R | CURVE RADIUS OF |
| T | CURVE TANGENT LENGTH |
| L | CURVE LENGTH OF |
| E | CURVE EXTERNAL DISTANCE |
| CB | CHORD BEARING |

UTILITY SYMBOLGY

UNDERGROUND UTILITIES

| | |
|----------|---------------------------|
| — UGU — | UTILITY (GENERIC-UNKNOWN) |
| — UT — | TELEPHONE |
| — UE — | ELECTRIC |
| — UC — | CABLE (TV) |
| — UEC — | ELECTRIC+CABLE |
| — UET — | ELECTRIC+TELEPHONE |
| — UCT — | CABLE+TELEPHONE |
| — UECT — | ELECTRIC+CABLE+TELEPHONE |
| — G — | GAS LINE |
| — W — | WATER LINE |
| — S — | SANITARY SEWER (SEPTIC) |

ABOVE GROUND UTILITIES (AERIAL)

| | |
|-------------|---------------------------|
| — AGU — | UTILITY (GENERIC-UNKNOWN) |
| — T — | TELEPHONE |
| — E — | ELECTRIC |
| — C — | CABLE (TV) |
| — EC — | ELECTRIC+CABLE |
| — ET — | ELECTRIC+TELEPHONE |
| — AER E&T — | ELECTRIC+TELEPHONE |
| — CT — | CABLE+TELEPHONE |
| — ECT — | ELECTRIC+CABLE+TELEPHONE |
| — | UTILITY POLE GUY WIRE |

PROJECT CONSTRUCTION SYMBOLGY

PROJECT DESIGN & LAYOUT SYMBOLGY

| | |
|--------------------|-----------------------|
| — — — — CZ — — — — | CLEAR ZONE |
| ————— | PLAN LAYOUT MATCHLINE |

PROJECT CONSTRUCTION FEATURES

| | |
|-----------------------|----------------------------|
| ▲ —▲ —▲ —▲ —▲ | TOP OF CUT SLOPE |
| ○ —○ —○ —○ —○ | TOE OF FILL SLOPE |
| ⊞ ⊞ ⊞ ⊞ ⊞ | STONE FILL |
| ----- | BOTTOM OF DITCH |
| ----- | CULVERT PROPOSED |
| ----- | STRUCTURE SUBSURFACE |
| PDF — PDF — | PROJECT DEMARCATION FENCE |
| BF — — — — BF — — — — | BARRIER FENCE |
| XXXXXXXXXXXXXXXXXXXX | TREE PROTECTION ZONE (TPZ) |
| //// //// //// //// | STRIPING LINE REMOVAL |
| ~~~~~ | SHEET PILES |

CONVENTIONAL BOUNDARY SYMBOLGY

BOUNDARY LINES

| | |
|--------------------|--|
| ————— | TOWN BOUNDARY LINE |
| ————— | COUNTY BOUNDARY LINE |
| ————— | STATE BOUNDARY LINE |
| ——— | PROPOSED STATE R.O.W. (LIMITED ACCESS) |
| ——— | PROPOSED STATE R.O.W. |
| ——— | STATE ROW (LIMITED ACCESS) |
| ——— | STATE ROW |
| ——— | TOWN ROW |
| ----- | PERMANENT EASEMENT LINE (P) |
| ----- | TEMPORARY EASEMENT LINE (T) |
| ----- | SURVEY LINE |
| — P — P — | PROPERTY LINE (P/L) |
| — L — L — | PROPERTY LINE (P/L) |
| ▲ — SR — SR — SR — | SLOPE RIGHTS |
| 6f — 6f — | 6F PROPERTY BOUNDARY |
| 4f — 4f — | 4F PROPERTY BOUNDARY |
| HAZ — HAZ — | HAZARDOUS WASTE |

EPSC LAYOUT PLAN SYMBOLGY

EPSC MEASURES

| | |
|-------------------|---|
| ONNOONNOONNO | FILTER CURTAIN |
| — — — — — | SILT FENCE |
| — X — X — X — X — | SILT FENCE WOVEN WIRE |
| — — — — — | CHECK DAM |
| ▣ | DISTURBED AREAS REQUIRING RE-VEGETATION |
| ⊞ | EROSION MATTING |

SEE EPSC DETAIL SHEETS FOR ADDITIONAL SYMBOLGY

ENVIRONMENTAL RESOURCES

| | |
|-----------------|---------------------------------|
| — — — — — | WETLAND BOUNDARY |
| ----- | RIPARIAN BUFFER ZONE |
| ----- | WETLAND BUFFER ZONE |
| ----- | SOIL TYPE BOUNDARY |
| — T&E — | THREATENED & ENDANGERED SPECIES |
| HAZ — HAZ — | HAZARDOUS WASTE AREA |
| — AG — | AGRICULTURAL LAND |
| — HABITAT — | FISH & WILDLIFE HABITAT |
| — FLOOD PLAIN — | FLOOD PLAIN |
| — OHW — | ORDINARY HIGH WATER (OHW) |
| — — — — — | STORM WATER |
| — — — — — | USDA FOREST SERVICE LANDS |
| — — — — — | WILDLIFE HABITAT SUIT/CONN |

ARCHEOLOGICAL & HISTORIC

| | |
|-------------------|----------------------------|
| — ARCH — | ARCHEOLOGICAL BOUNDARY |
| — HISTORIC DIST — | HISTORIC DISTRICT BOUNDARY |
| — HISTORIC — | HISTORIC AREA |
| Ⓜ | HISTORIC STRUCTURE |

CONVENTIONAL TOPOGRAPHIC SYMBOLGY

EXISTING FEATURES

| | |
|-----------------|--------------------|
| ----- | ROAD EDGE PAVEMENT |
| ----- | ROAD EDGE GRAVEL |
| ----- | DRIVEWAY EDGE |
| ----- | DITCH |
| ----- | FOUNDATION |
| x — x — x — x — | FENCE (EXISTING) |
| □ — □ — □ — □ — | FENCE WOOD POST |
| ○ — ○ — ○ — ○ — | FENCE STEEL POST |
| ~~~~~ | GARDEN |
| — — — — — | ROAD GUARDRAIL |
| | RAILROAD TRACKS |
| ----- | CULVERT (EXISTING) |
| ----- | STONE WALL |
| ----- | WALL |
| ~~~~~ | WOOD LINE |
| ~~~~~ | BRUSH LINE |
| ~~~~~ | HEDGE |
| ----- | BODY OF WATER EDGE |
| ----- | LEDGE EXPOSED |

PROJECT NAME: SHAFTSBURY

PROJECT NUMBER: STP 014-1(6)

FILE NAME: sl6b083forms.dgn

PROJECT LEADER: C. COTA

DESIGNED BY: D. PETERSON

SYMBOLGY LEGEND

PLOT DATE: 27-MAR-2020

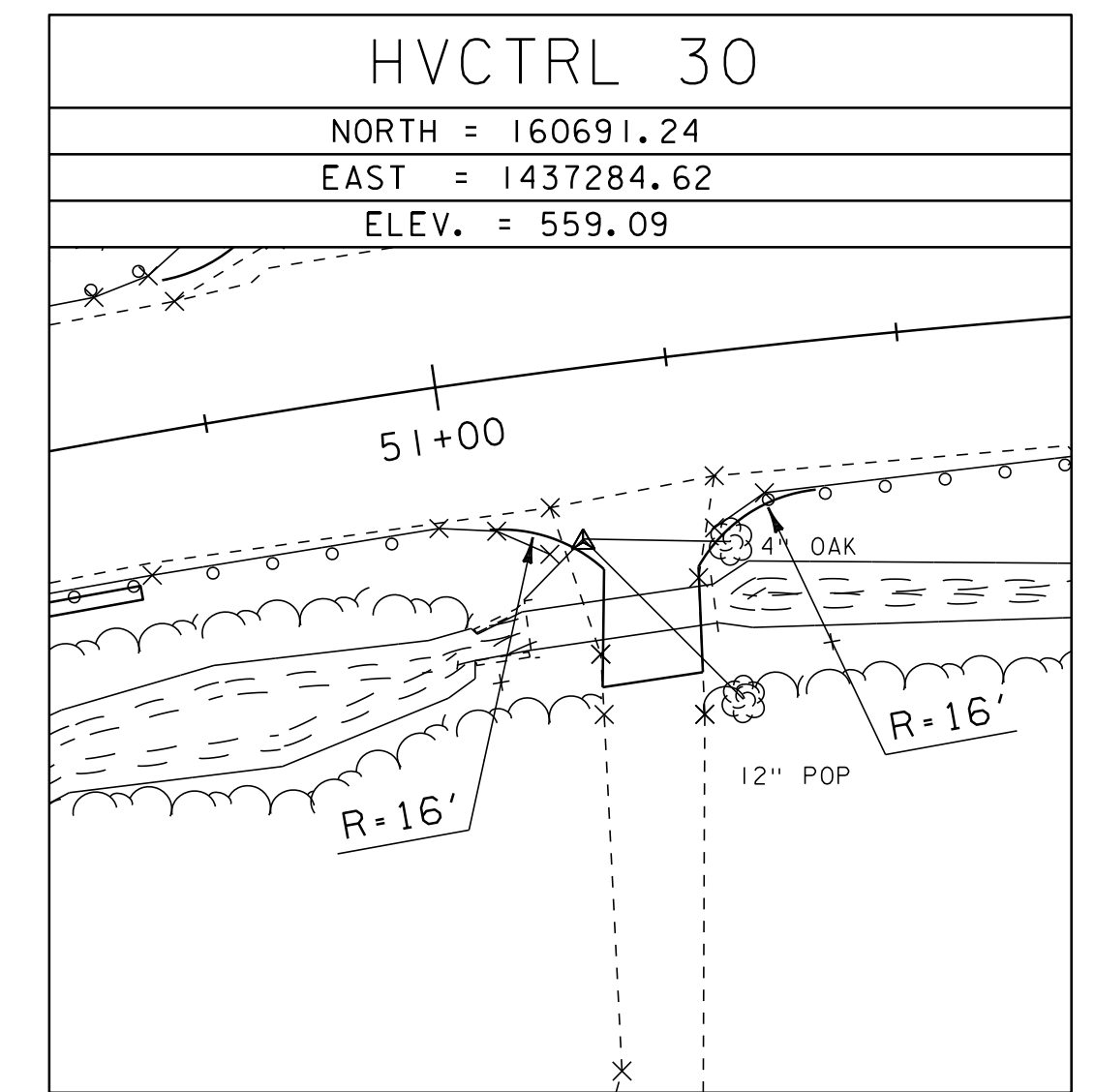
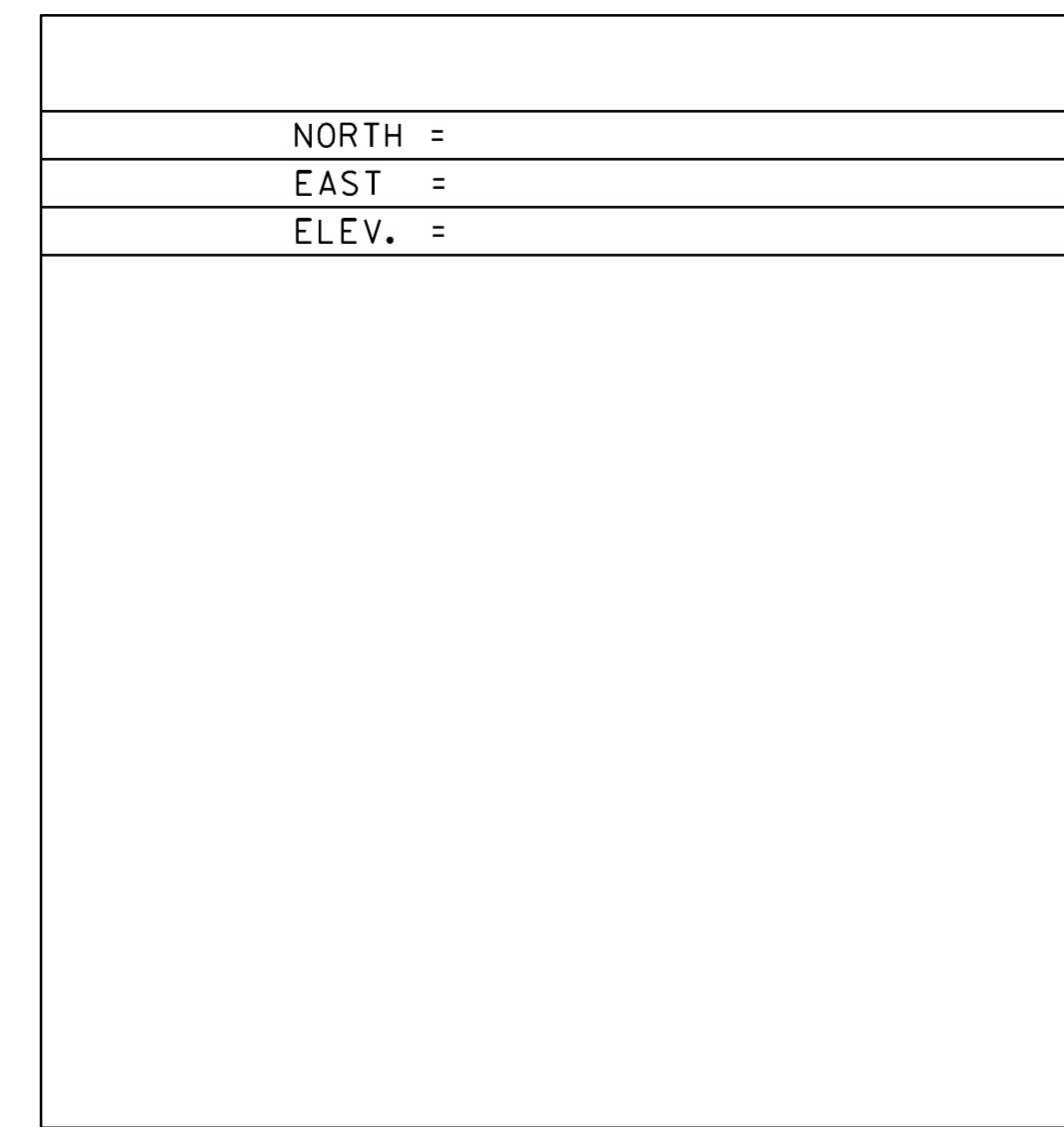
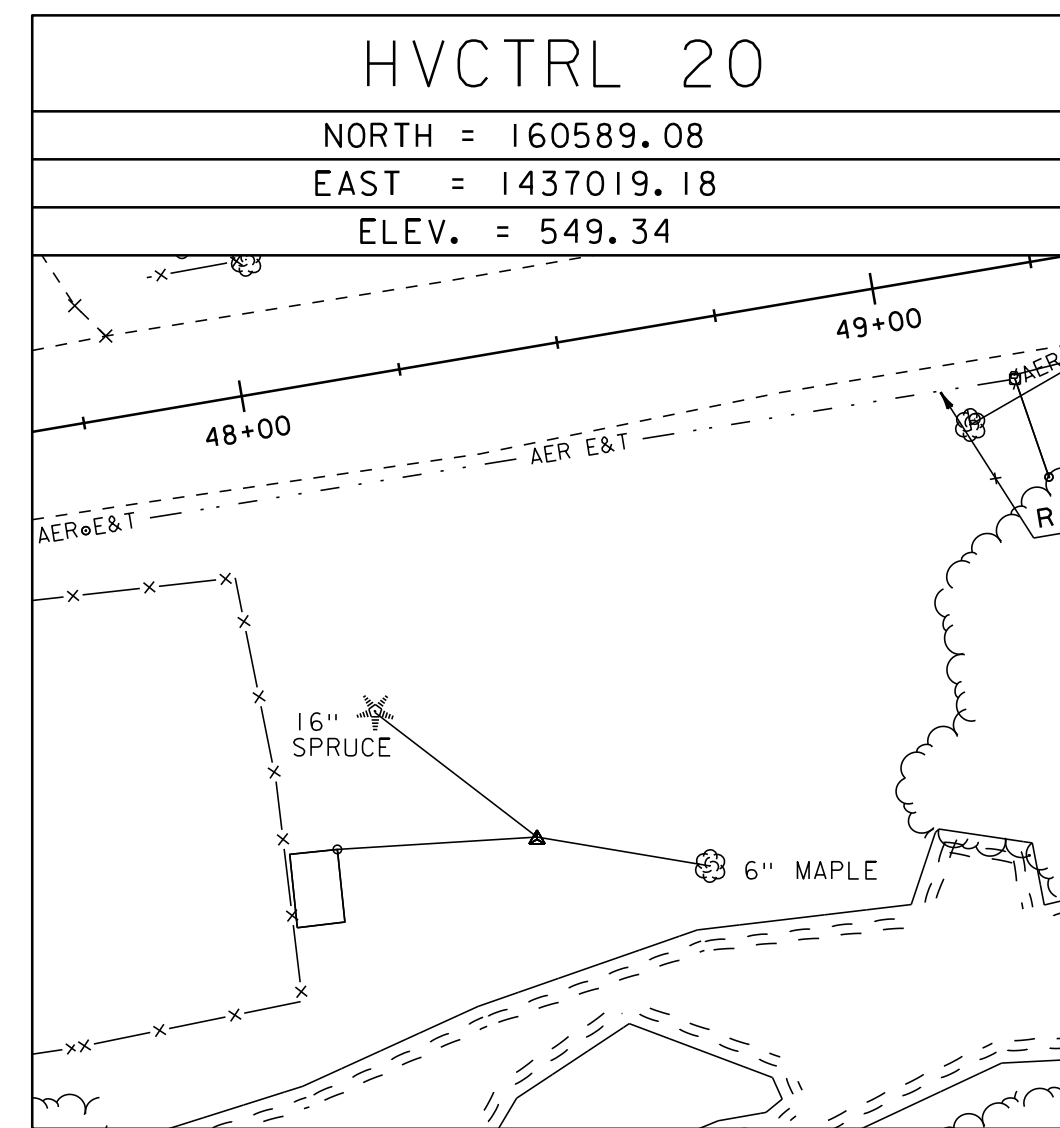
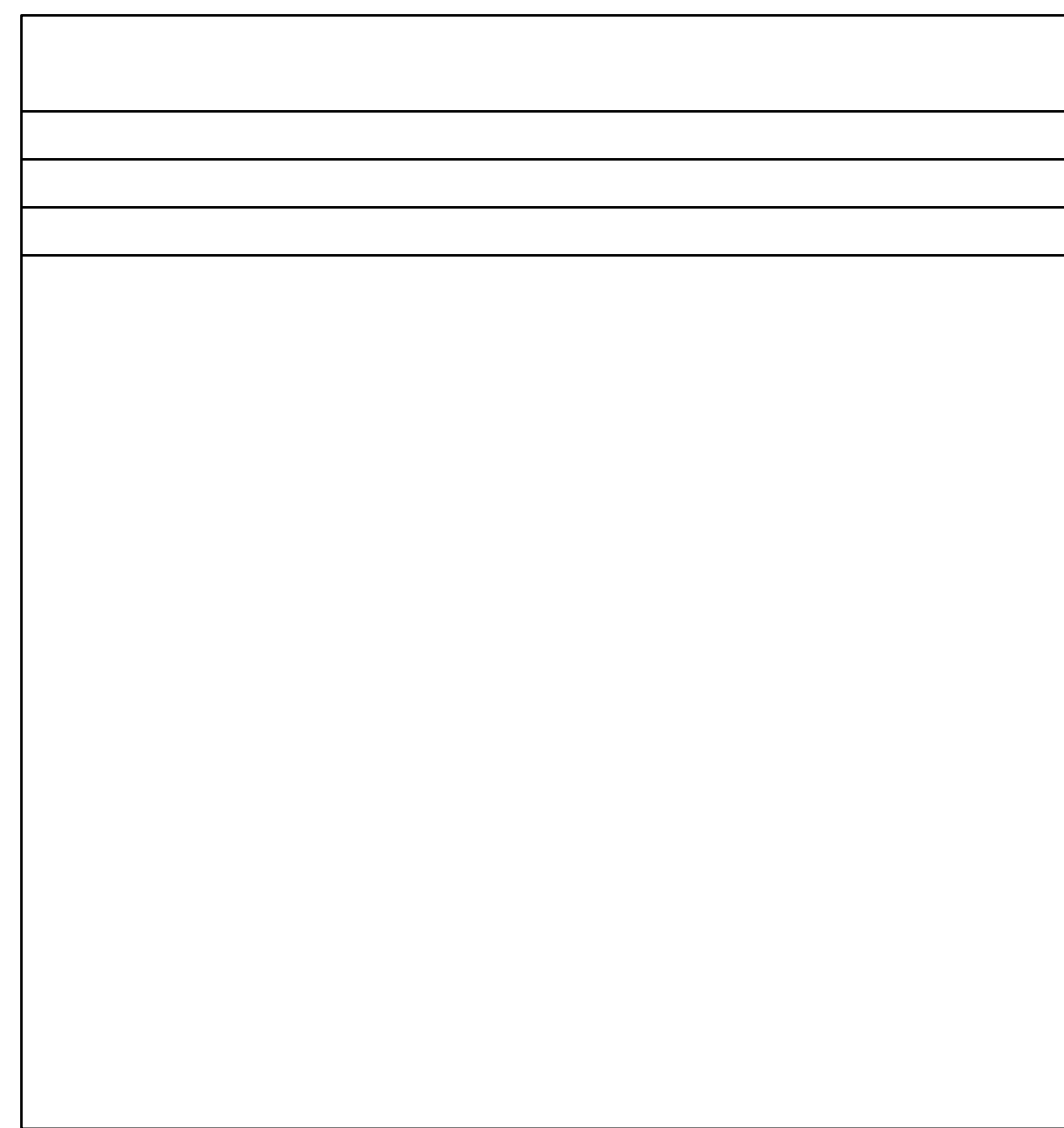
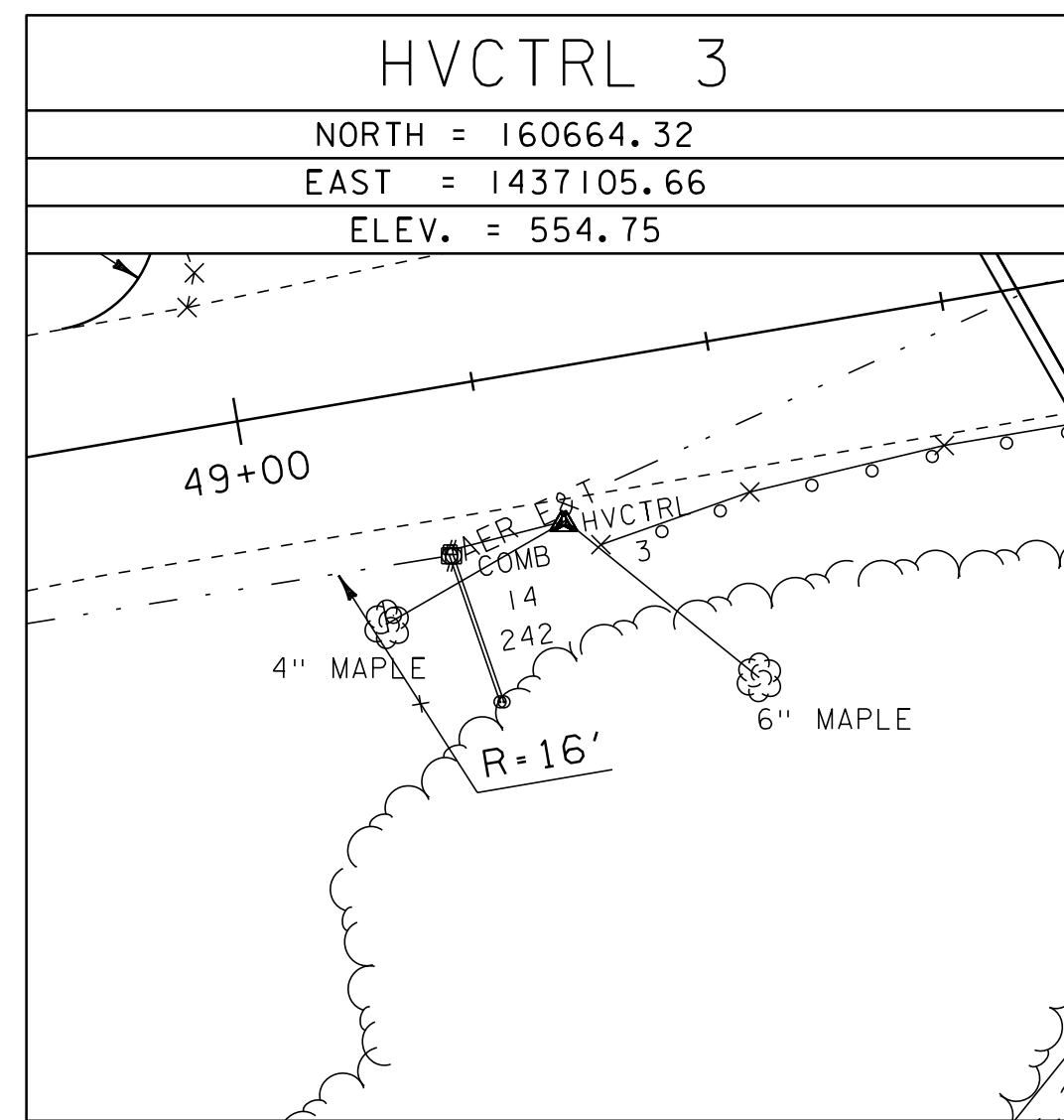
DRAWN BY: R. PELLETT

CHECKED BY: D. PETERSON

SHEET 4 OF 17

NETWORK CONTROL

LOCAL CONTROL



ALIGNMENT TIES

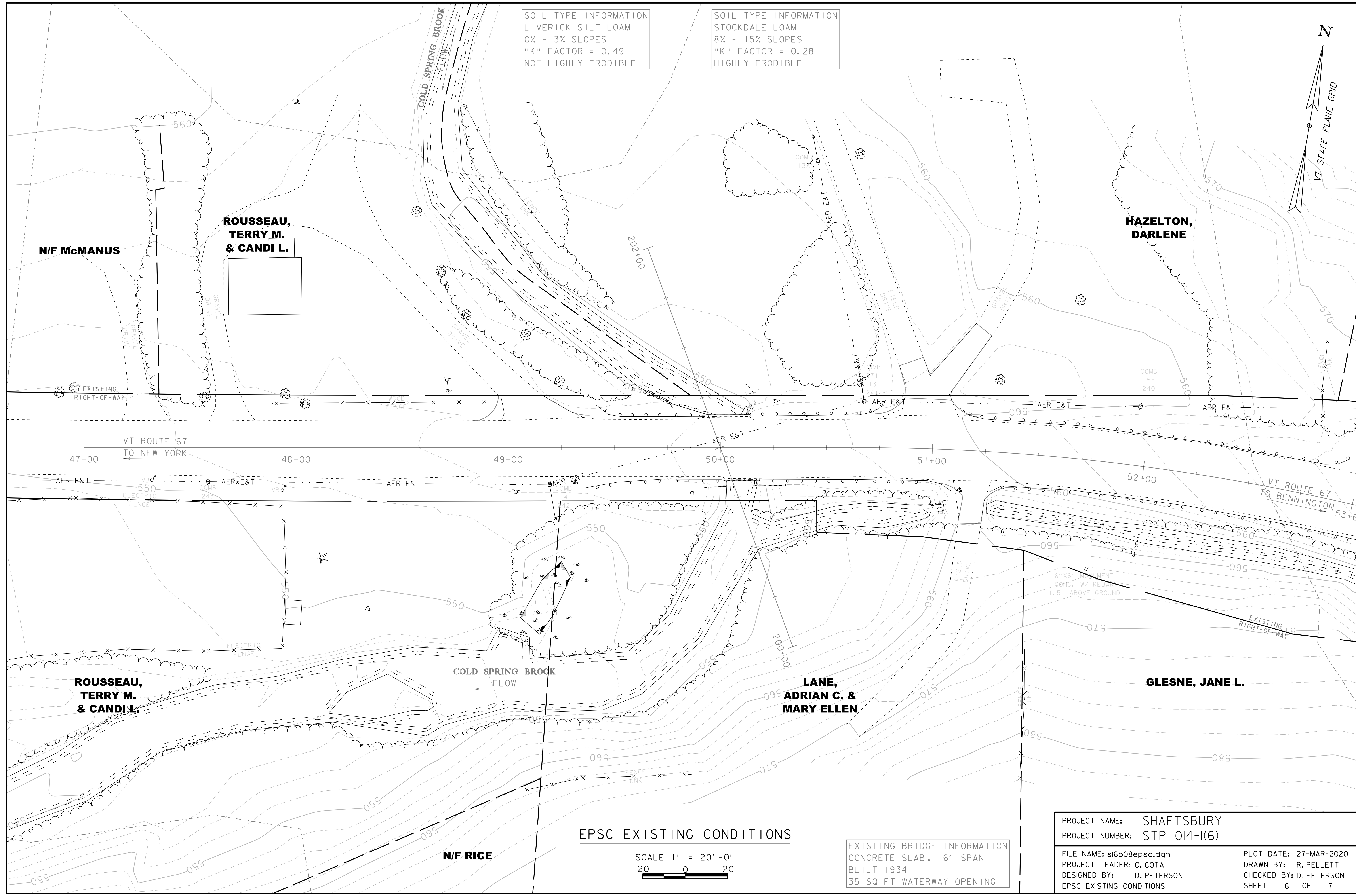
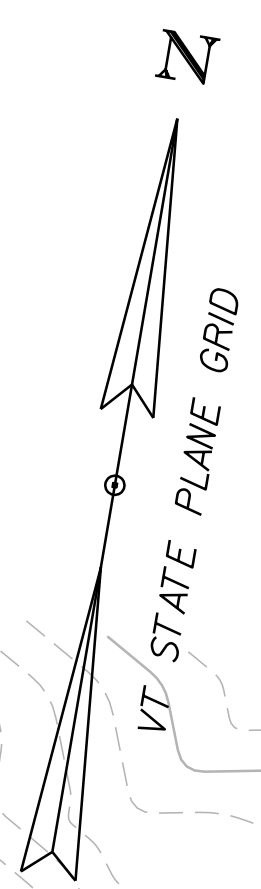
| VT67 | | | |
|------------------|--------------------|-------------|-------------|
| | STATION | NORTHING | EASTING |
| POB | 47+00.00 | 160641.542 | 1436874.451 |
| PC | 50+63.29 | 160702.5442 | 1437232.583 |
| PI | 52+33.13 | 160731.0632 | 1437400.013 |
| PT | 54+00.00 | 160704.8357 | 1437567.817 |
| Delta: | 18°33'00.21" Right | | |
| Degree of Curve: | 5°30'33.15" | | |
| Radius: | 1040.00 | | |
| Tangent: | 169.84 | | |
| Length: | 336.71 | | |
| External: | 13.78 | | |

| | |
|------------|---------|
| DATUM | |
| VERTICAL | NAD 83 |
| HORIZONTAL | NAVD 88 |
| ADJUSTMENT | |

| | |
|-----------------|----------------|
| PROJECT NAME: | SHAFTSBURY |
| PROJECT NUMBER: | STP 014-1(6) |
| FILE NAME: | sl6b083+1e.dgn |
| PROJECT LEADER: | C. COTA |
| DESIGNED BY: | D. PETERSON |
| TIE SHEET | |
| PLOT DATE: | 27-MAR-2020 |
| DRAWN BY: | R. PELLETT |
| CHECKED BY: | D. PETERSON |
| SHEET | 5 OF 17 |

SOIL TYPE INFORMATION
 LIMERICK SILT LOAM
 0% - 3% SLOPES
 "K" FACTOR = 0.49
 NOT HIGHLY ERODIBLE

SOIL TYPE INFORMATION
 STOCKDALE LOAM
 8% - 15% SLOPES
 "K" FACTOR = 0.28
 HIGHLY ERODIBLE



EPSC EXISTING CONDITIONS

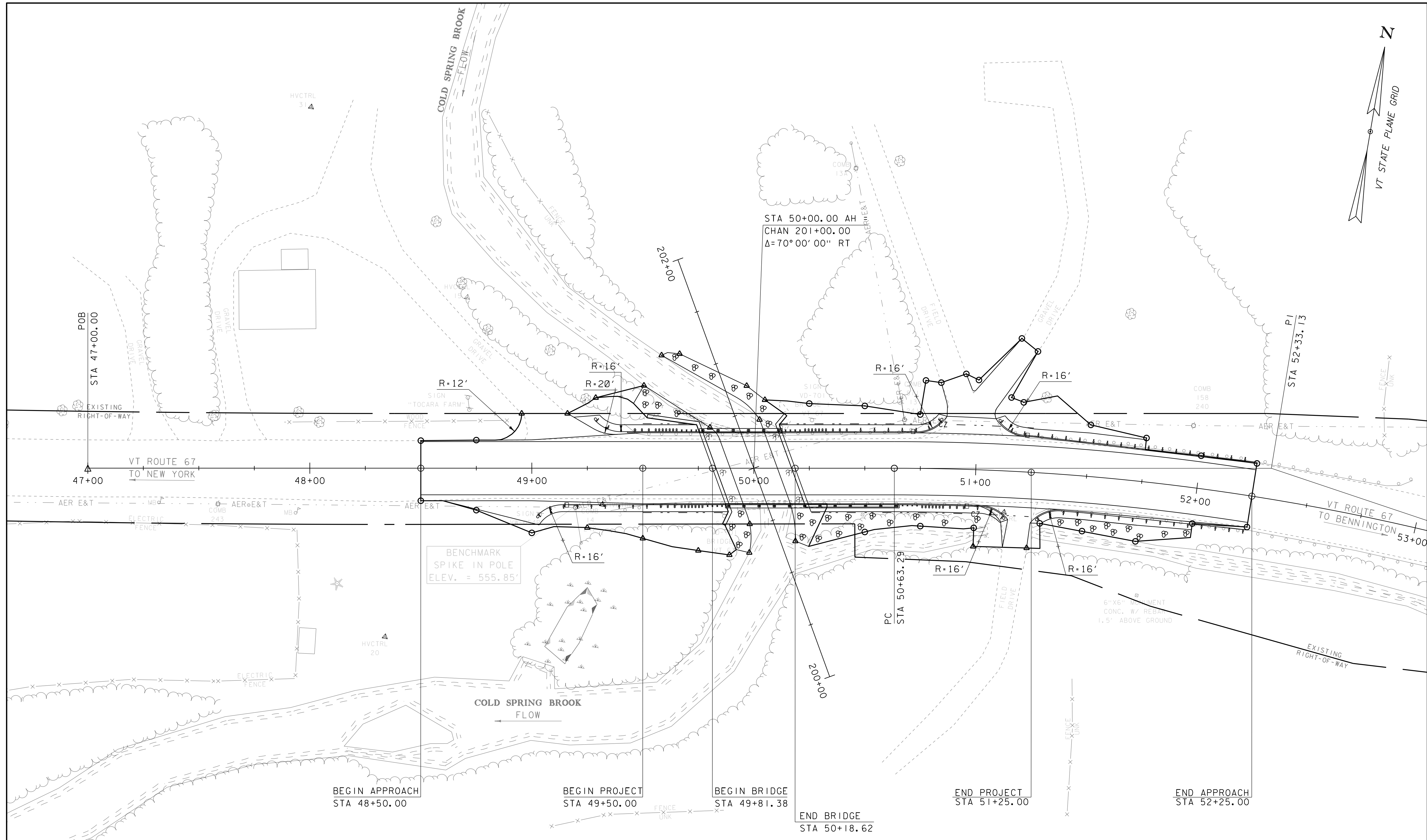
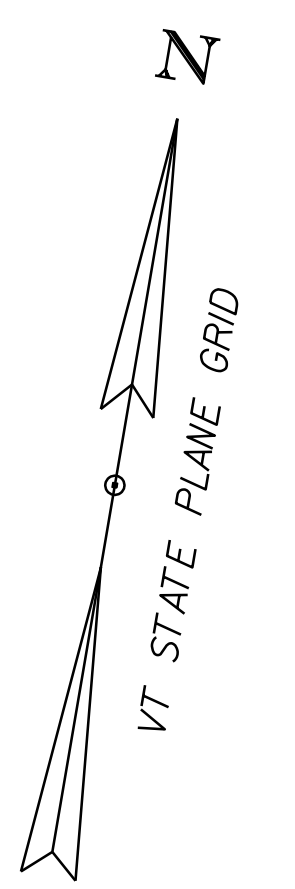
SCALE 1" = 20'-0"
 20 0 20

EXISTING BRIDGE INFORMATION
 CONCRETE SLAB, 16' SPAN
 BUILT 1934
 35 SQ FT WATERWAY OPENING

PROJECT NAME: SHAFTSBURY
 PROJECT NUMBER: STP 014-1(6)

FILE NAME: sl6b08epsc.dgn
 PROJECT LEADER: C. COTA
 DESIGNED BY: D. PETERSON
 EPSC EXISTING CONDITIONS

PLOT DATE: 27-MAR-2020
 DRAWN BY: R. PELLETT
 CHECKED BY: D. PETERSON
 SHEET 6 OF 17



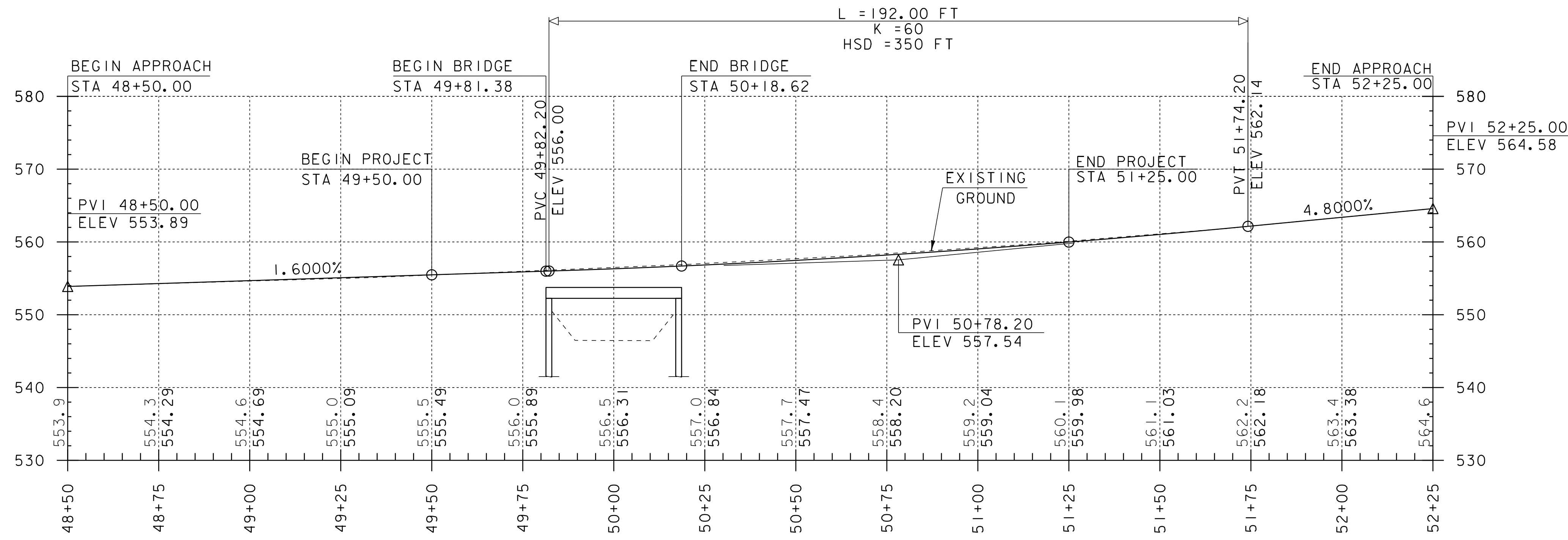
BEGIN APPROACH STA 48+50.00 BEGIN PROJECT STA 49+50.00 BEGIN BRIDGE STA 49+81.38 END BRIDGE STA 50+18.62 END PROJECT STA 51+25.00 END APPROACH STA 52+25.00

LAYOUT SHEET

SCALE 1" = 20'-0"
 20 0 20

EXISTING BRIDGE INFORMATION
 CONCRETE SLAB, 16' SPAN
 BUILT 1934
 35 SQ FT WATERWAY OPENING

| | |
|-----------------|----------------|
| PROJECT NAME: | SHAFTSBURY |
| PROJECT NUMBER: | STP 014-1(6) |
| FILE NAME: | sl6b083bdr.dgn |
| PROJECT LEADER: | C. COTA |
| DESIGNED BY: | D. PETERSON |
| LAYOUT SHEET | |
| PLOT DATE: | 27-MAR-2020 |
| DRAWN BY: | R. PELLETT |
| CHECKED BY: | D. PETERSON |
| SHEET | 7 OF 17 |

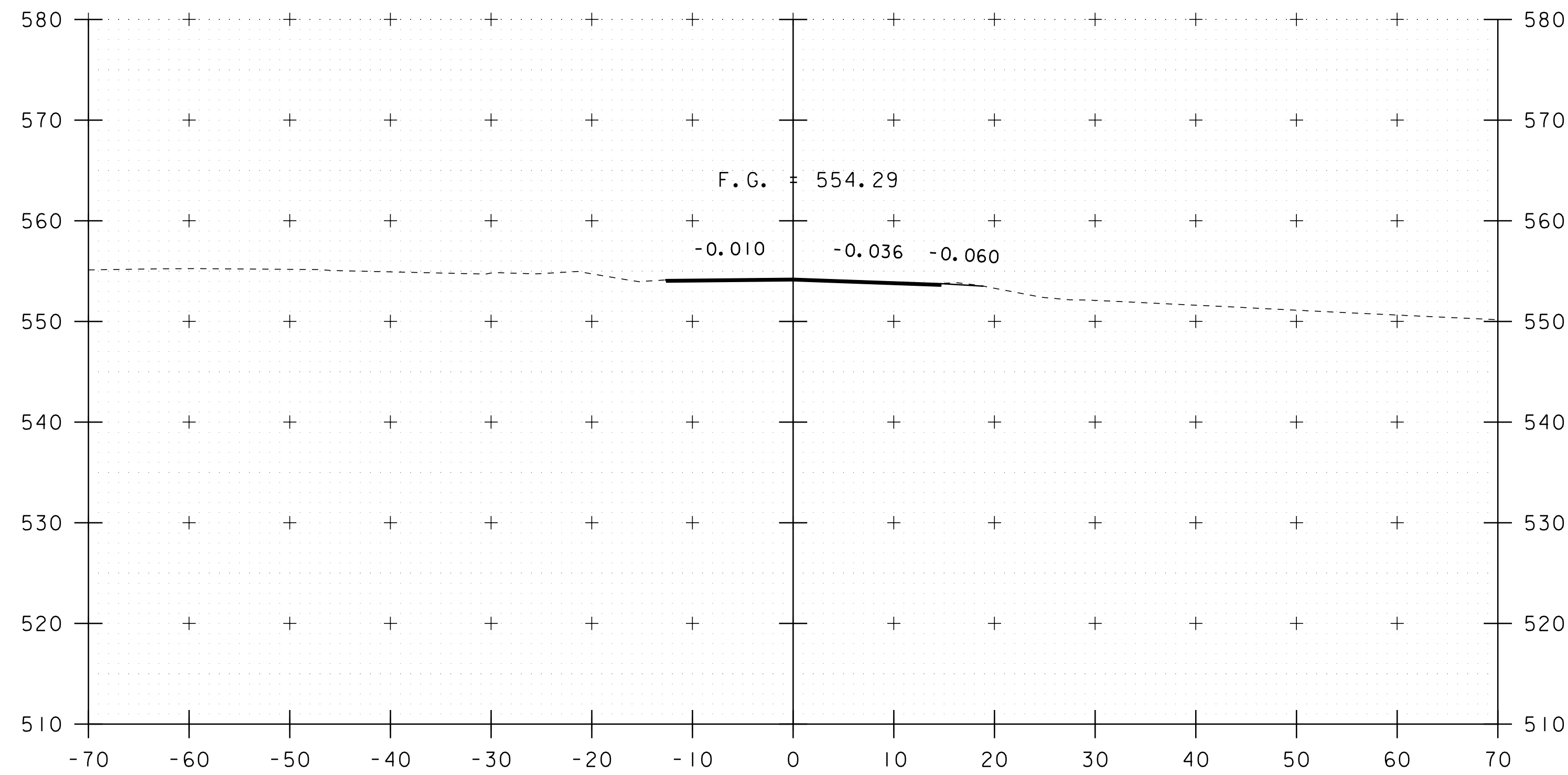


VT ROUTE 67 PROFILE

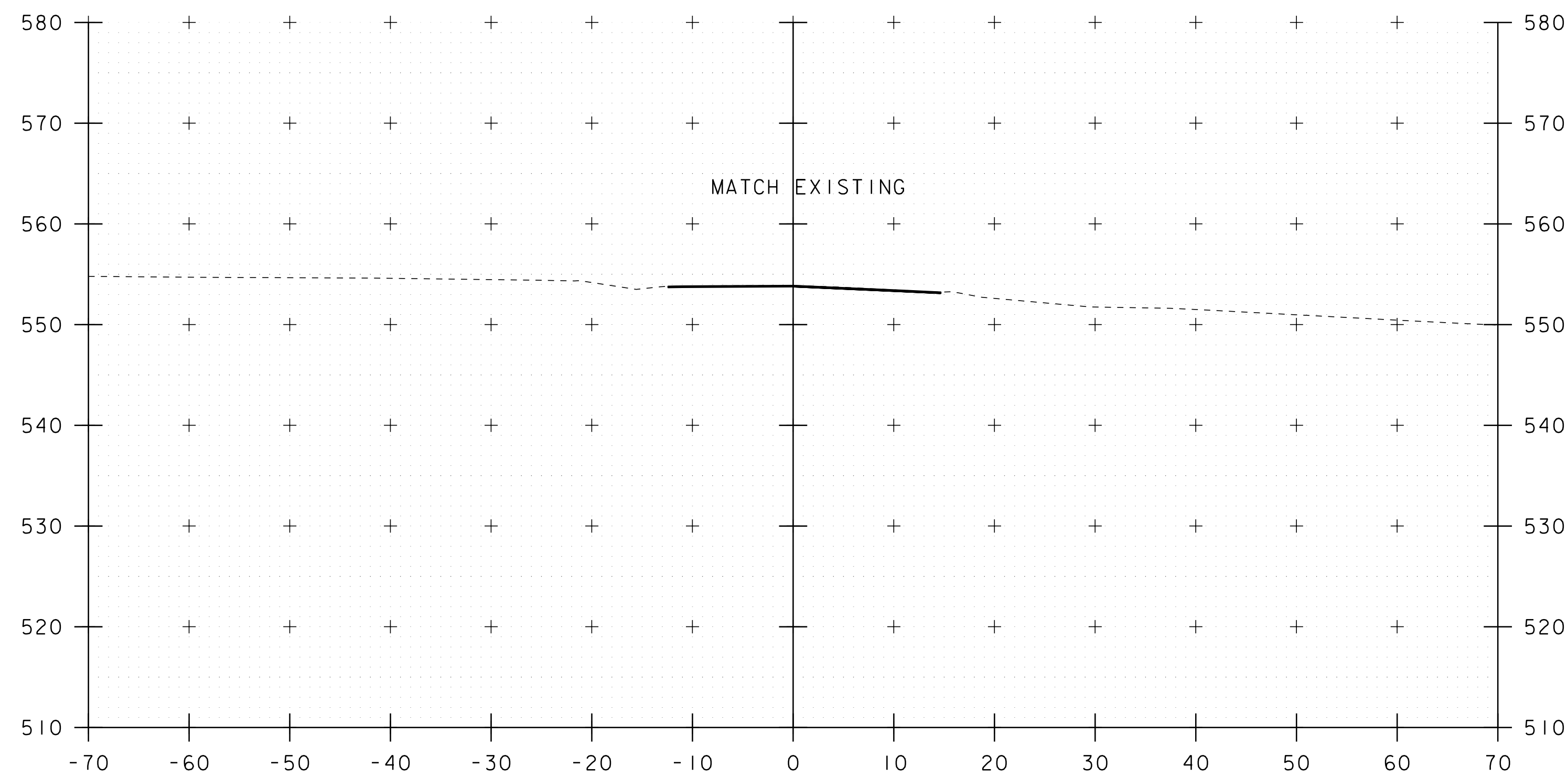
SCALE: HORIZONTAL 1"=20'-0"
 VERTICAL 1"=10'-0"

NOTE:
 GRADES SHOWN TO THE NEAREST TENTH ARE EXISTING GROUND ALONG ϕ
 GRADES SHOWN TO THE NEAREST HUNDREDTH ARE FINISH GRADE ALONG ϕ

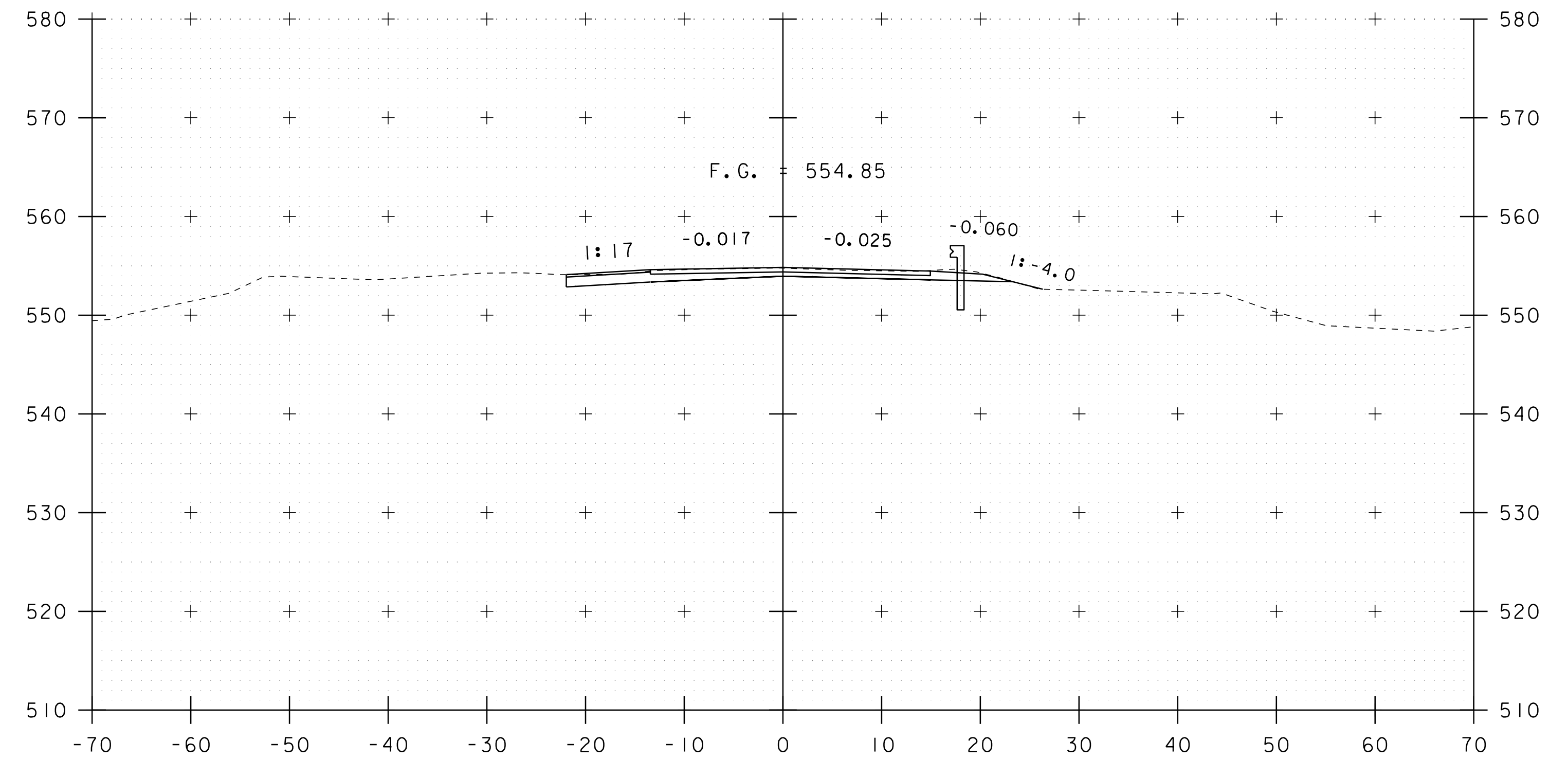
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|-------------------------------|-------------------------|
| PROJECT NAME: SHAFTSBURY | PLOT DATE: 27-MAR-2020 |
| PROJECT NUMBER: STP 014-1(6) | DRAWN BY: R. PELLETT |
| FILE NAME: sl6b083profile.dgn | CHECKED BY: D. PETERSON |
| PROJECT LEADER: C. COTA | SHEET 8 OF 17 |
| DESIGNED BY: D. PETERSON | |
| PROFILE SHEET | |



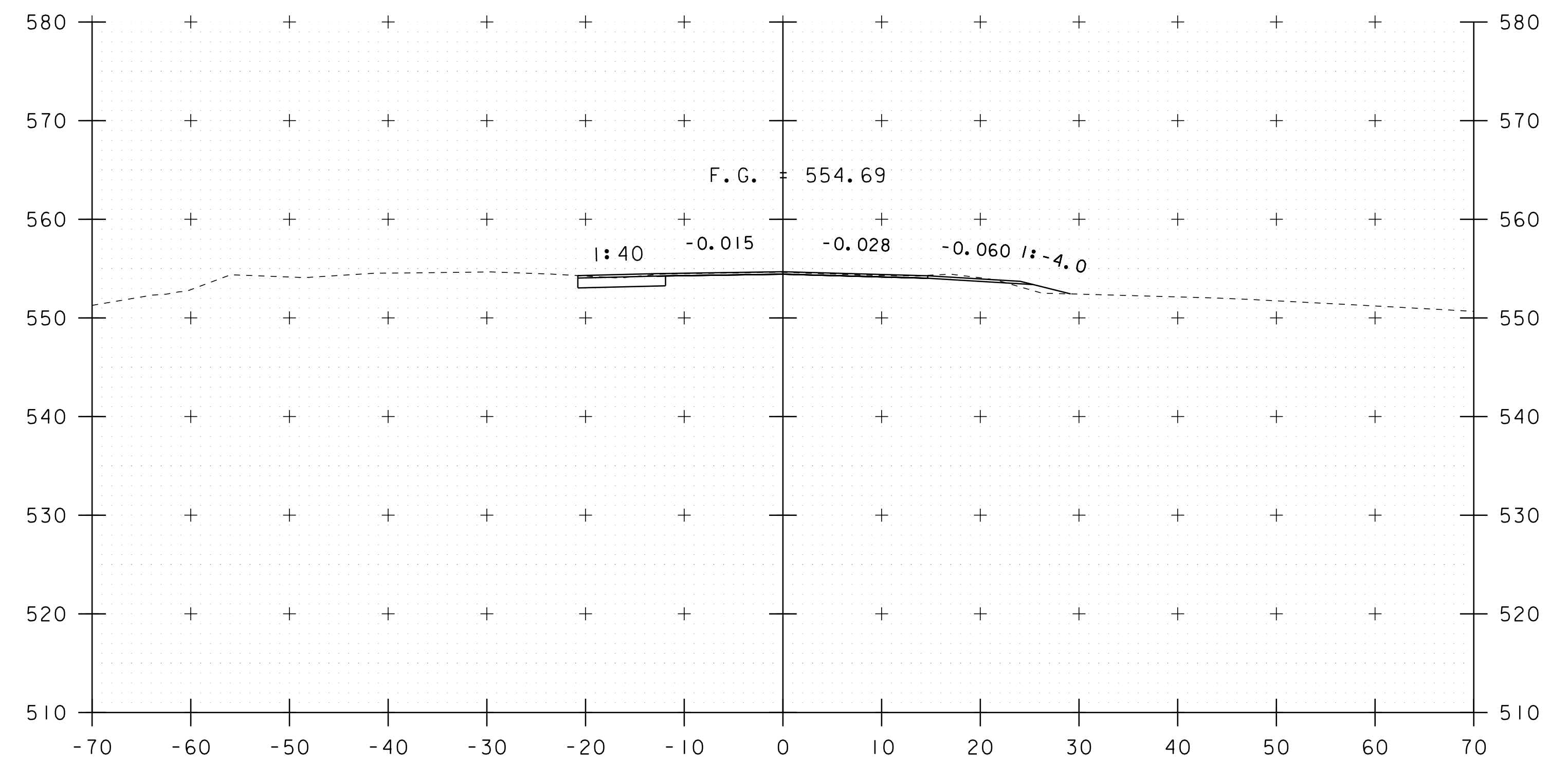
48+75



48+50
BEGIN APPROACH



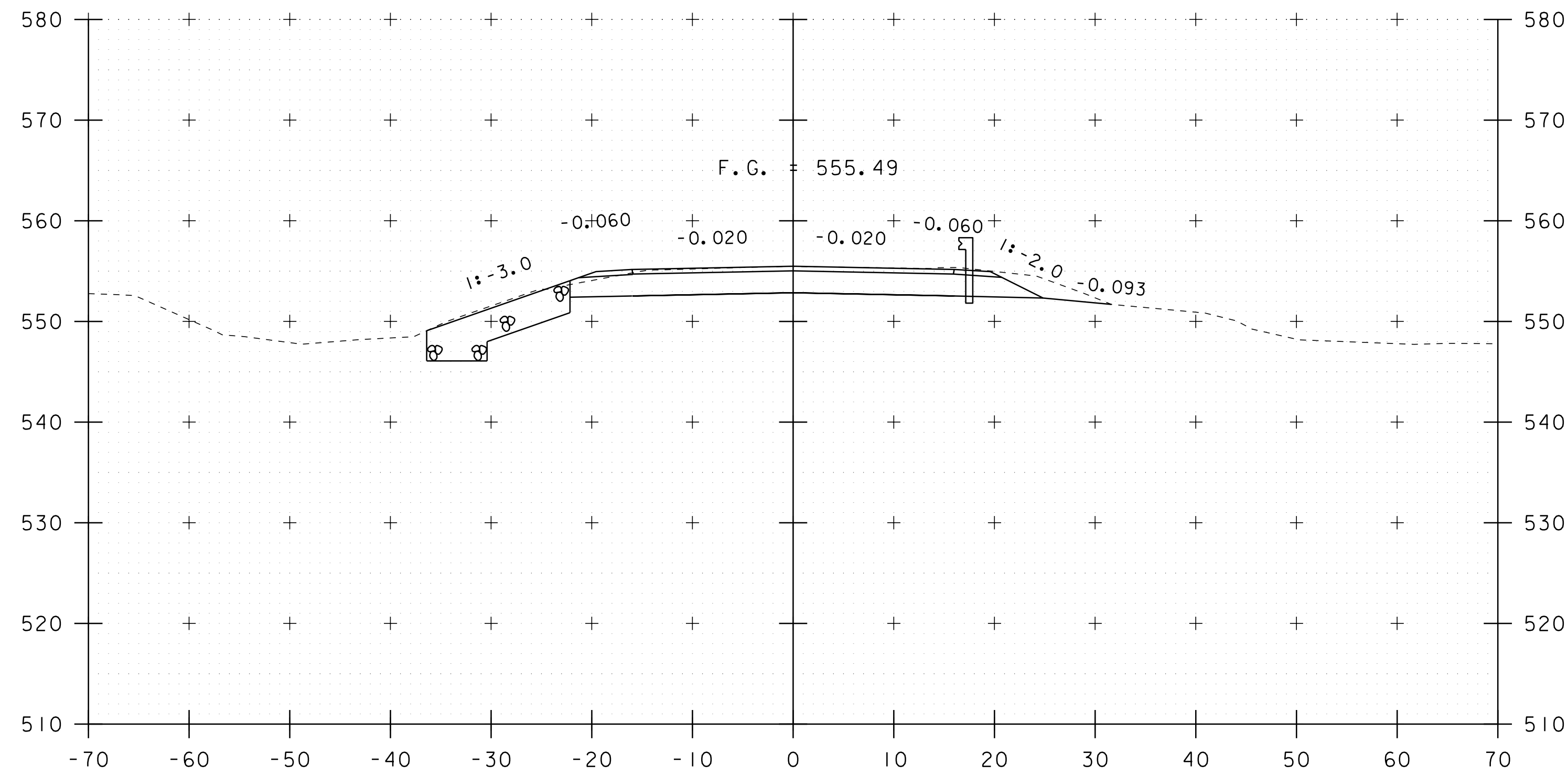
49+10 DRIVE LEFT



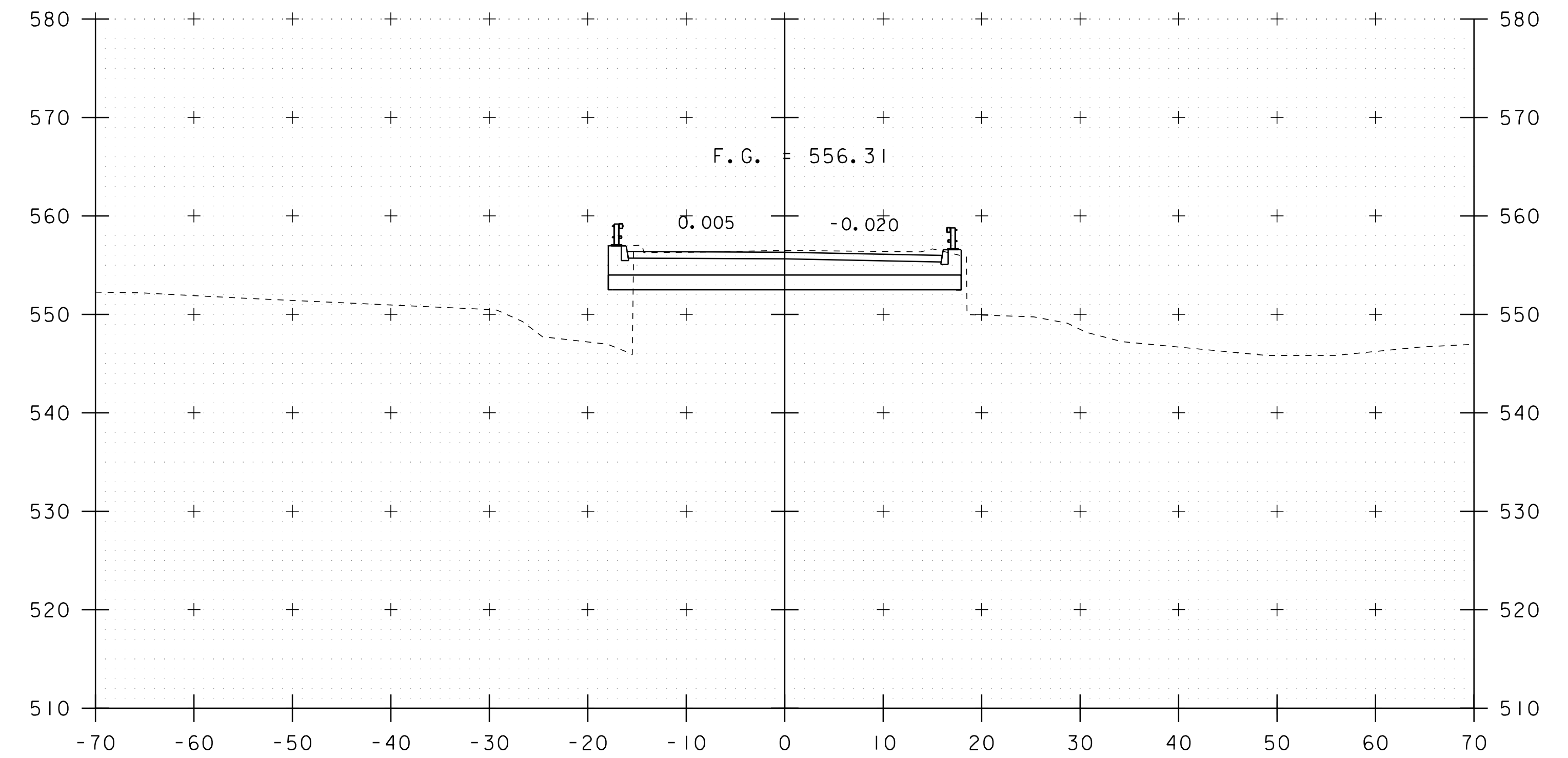
49+00

STA. 48+50 TO STA. 49+10

| | | | |
|---------------------------|---------------|--------------|-------------|
| PROJECT NAME: | SHAFTSBURY | PLOT DATE: | 27-MAR-2020 |
| PROJECT NUMBER: | STP 014-1(6) | DRAWN BY: | R. HOOD |
| FILE NAME: | sl6b083xs.dgn | DESIGNED BY: | R. HOOD |
| PROJECT LEADER: | C. COTA | CHECKED BY: | D. PETERSON |
| MAINLINE CROSS SECTIONS 1 | | SHEET | 9 OF 17 |

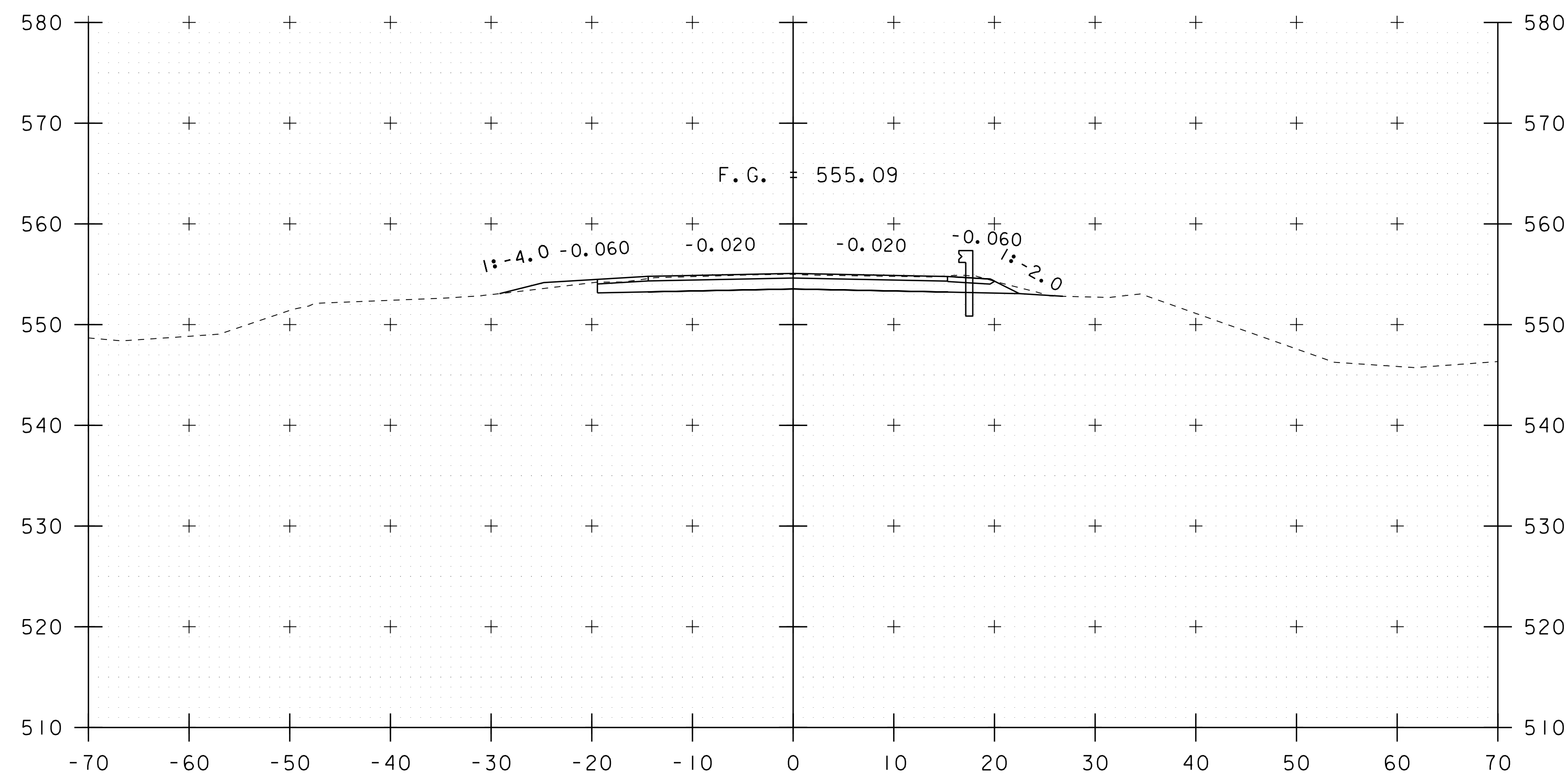


49+50
BEGIN PROJECT

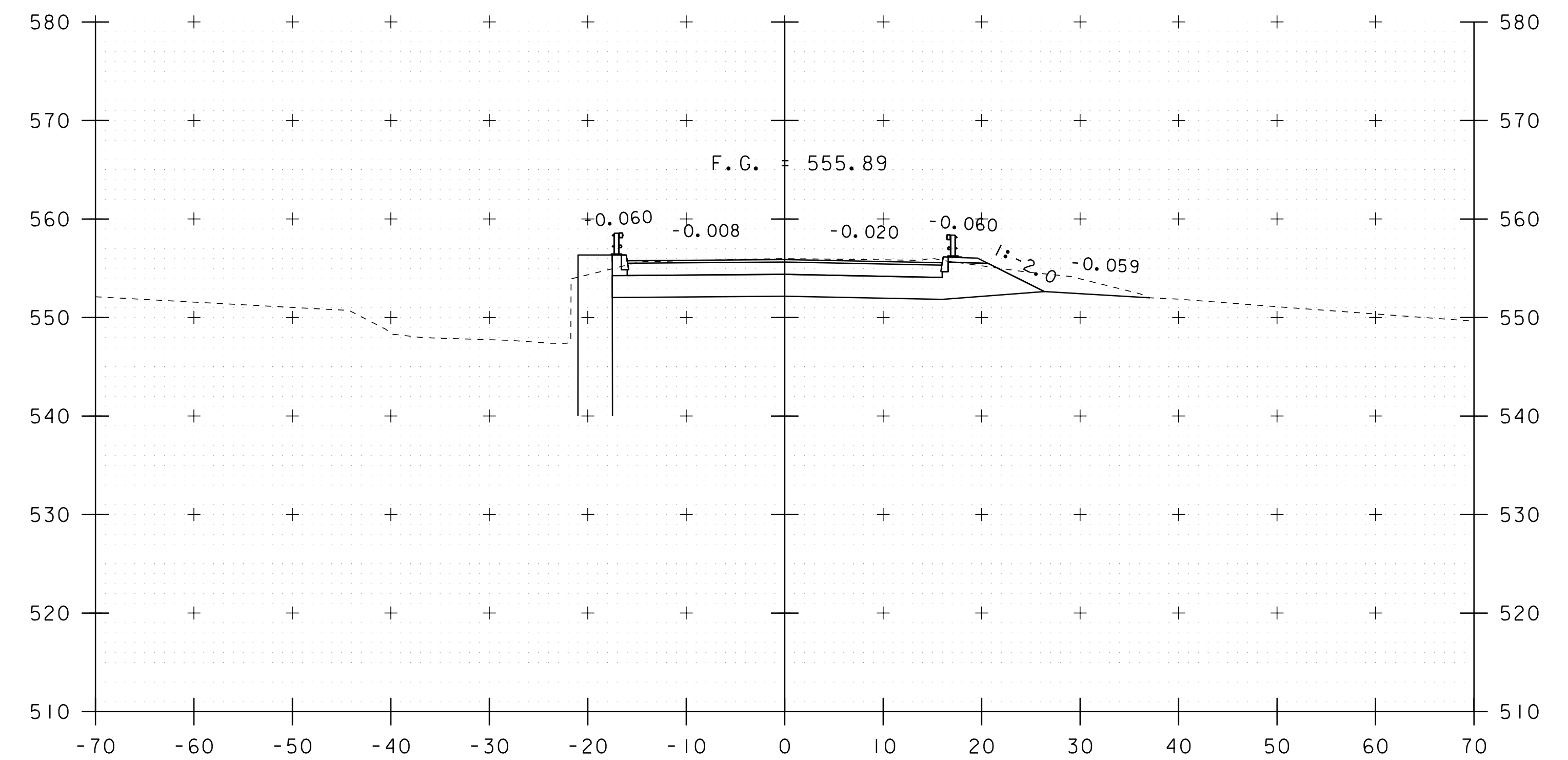


BEGIN BRIDGE STA. 49+81.38
END BRIDGE STA. 50+18.62

50+00



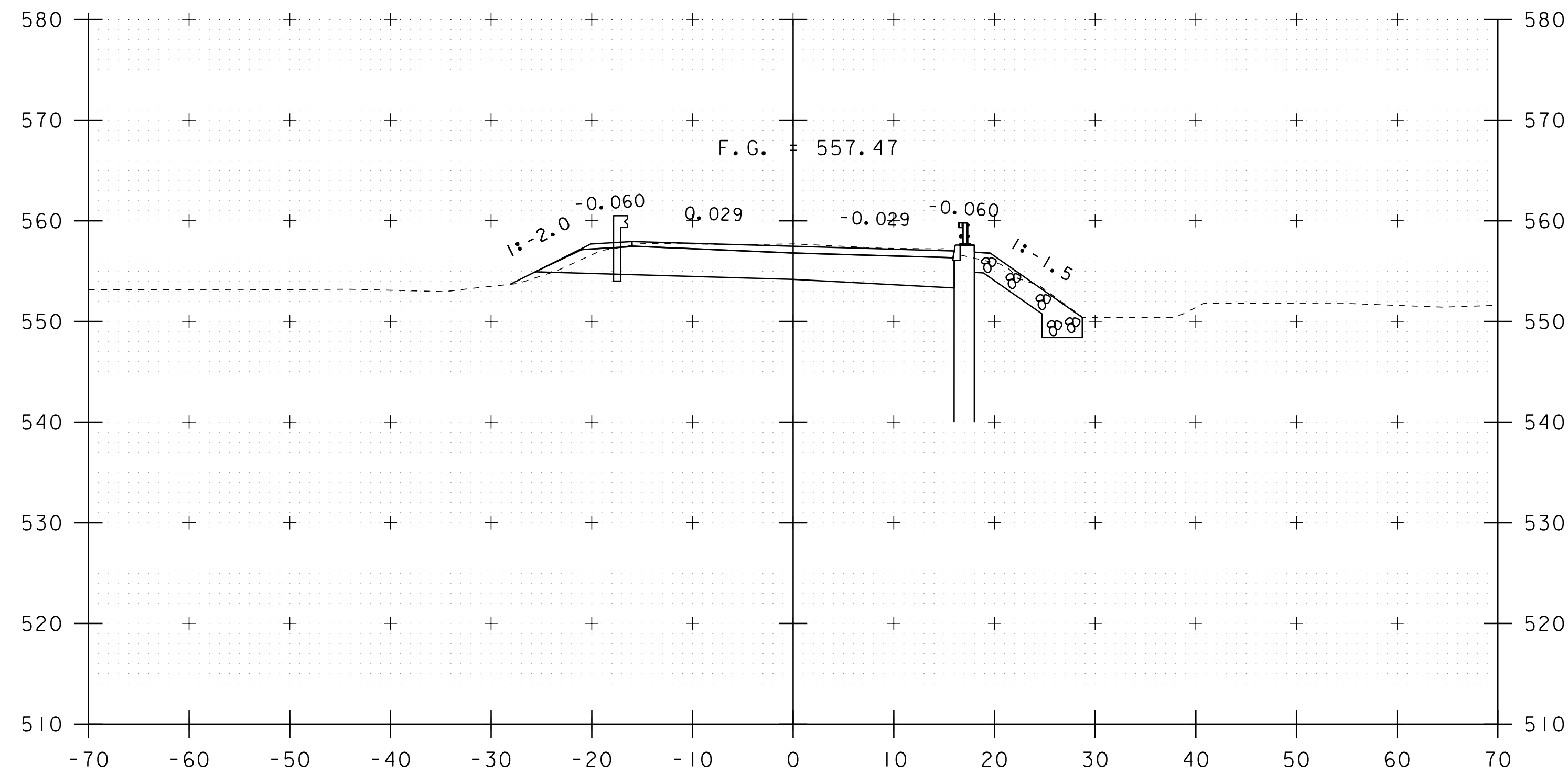
49+25



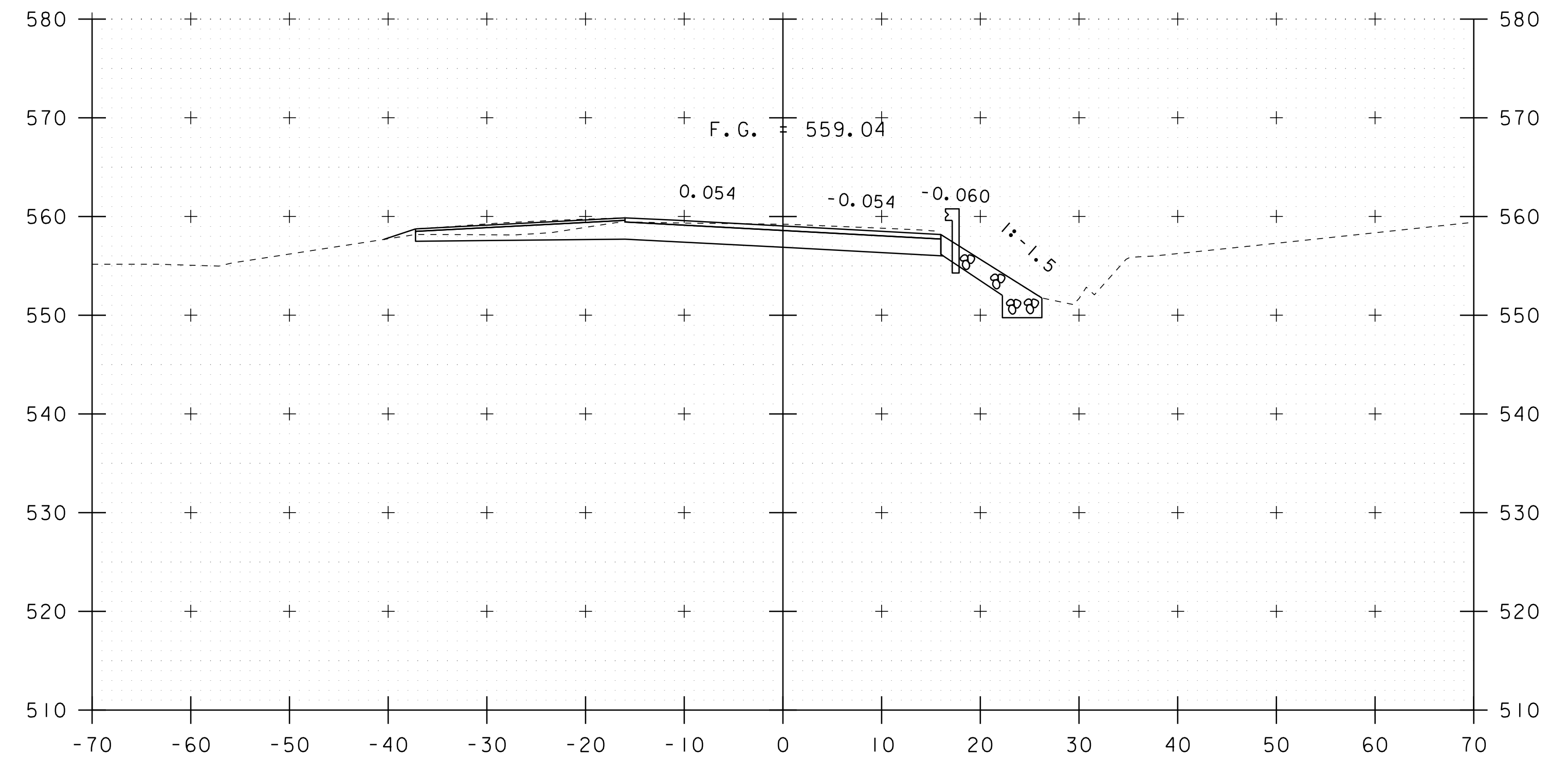
49+75

STA. 49+25 TO STA. 50+00

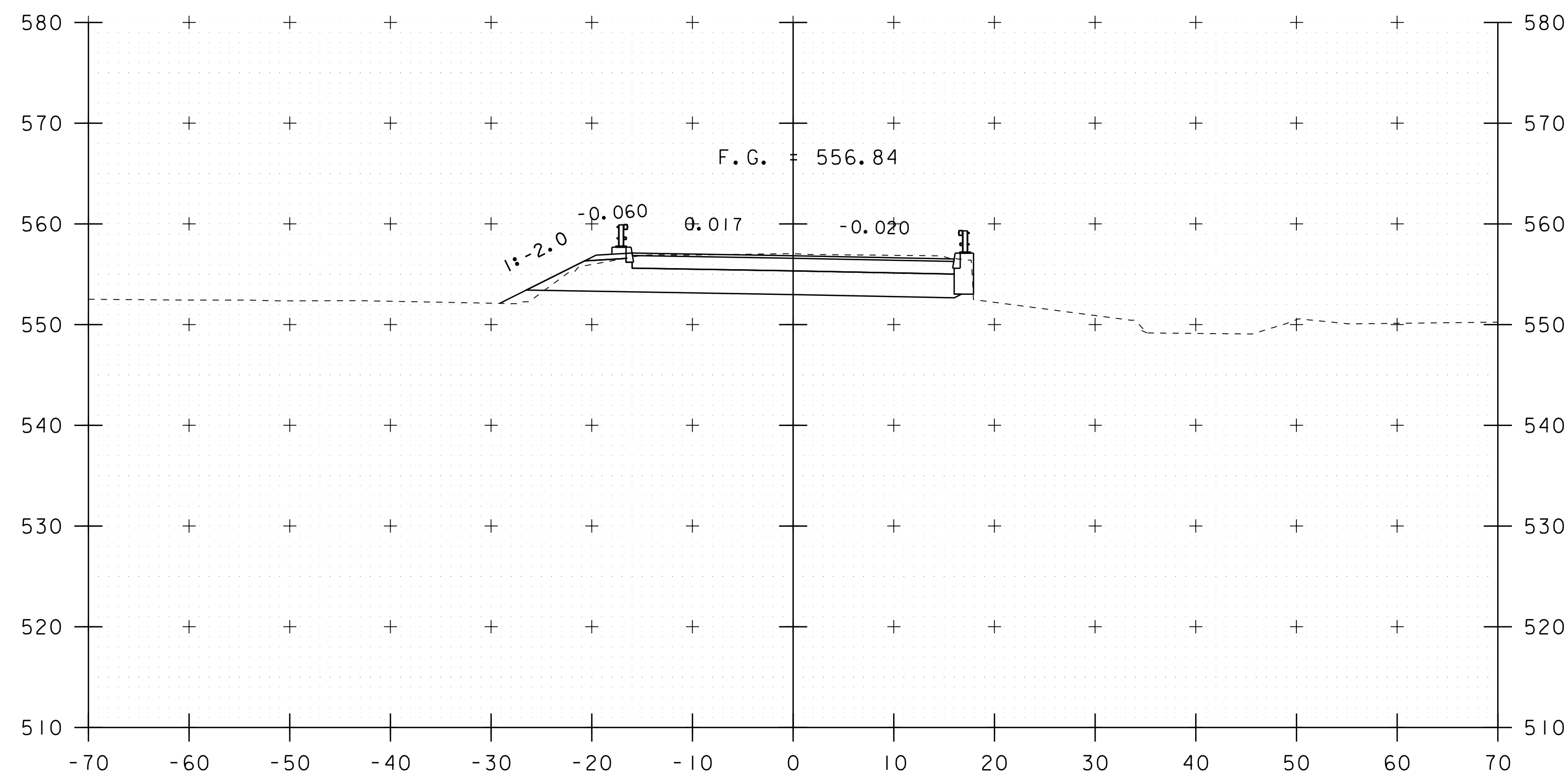
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|---------------------------|---------------|--------------|-------------|
| PROJECT NAME: | SHAFTSBURY | PLOT DATE: | 27-MAR-2020 |
| PROJECT NUMBER: | STP 014-1(6) | DRAWN BY: | R. HOOD |
| FILE NAME: | sl6b083xs.dgn | DESIGNED BY: | R. HOOD |
| PROJECT LEADER: | C. COTA | CHECKED BY: | D. PETERSON |
| MAINLINE CROSS SECTIONS 2 | | SHEET | 10 OF 17 |



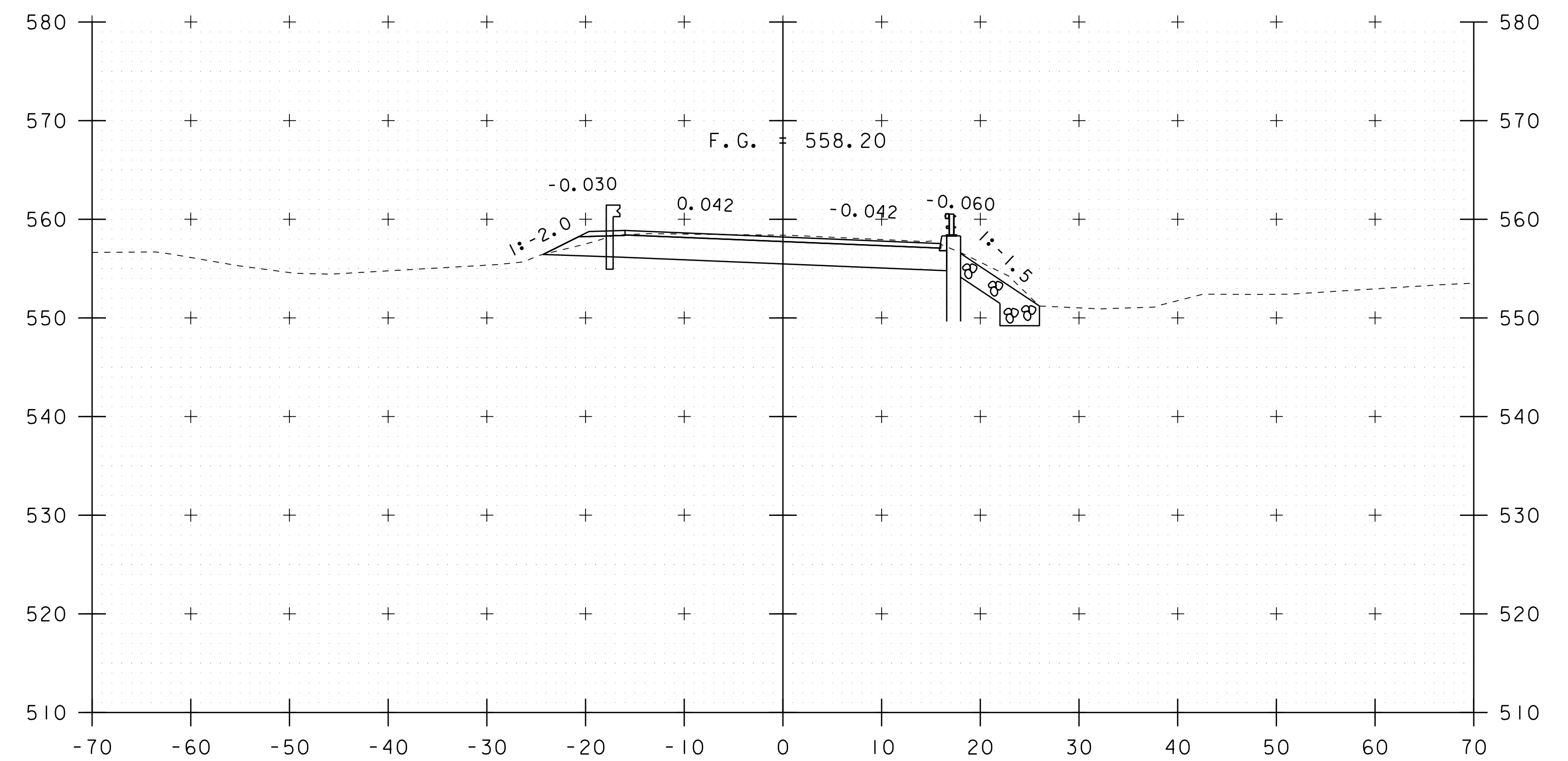
50+50



51+00



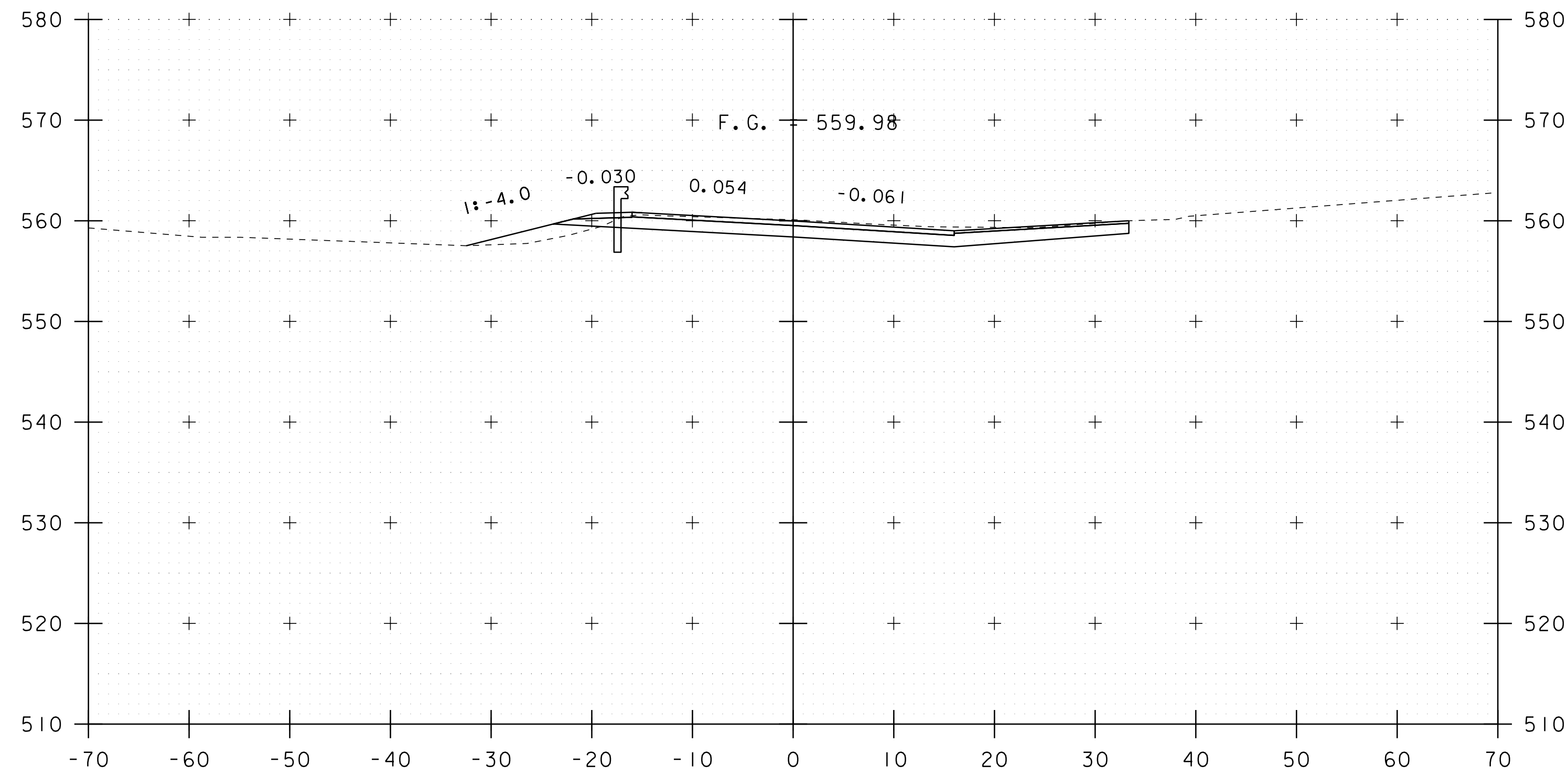
50+25



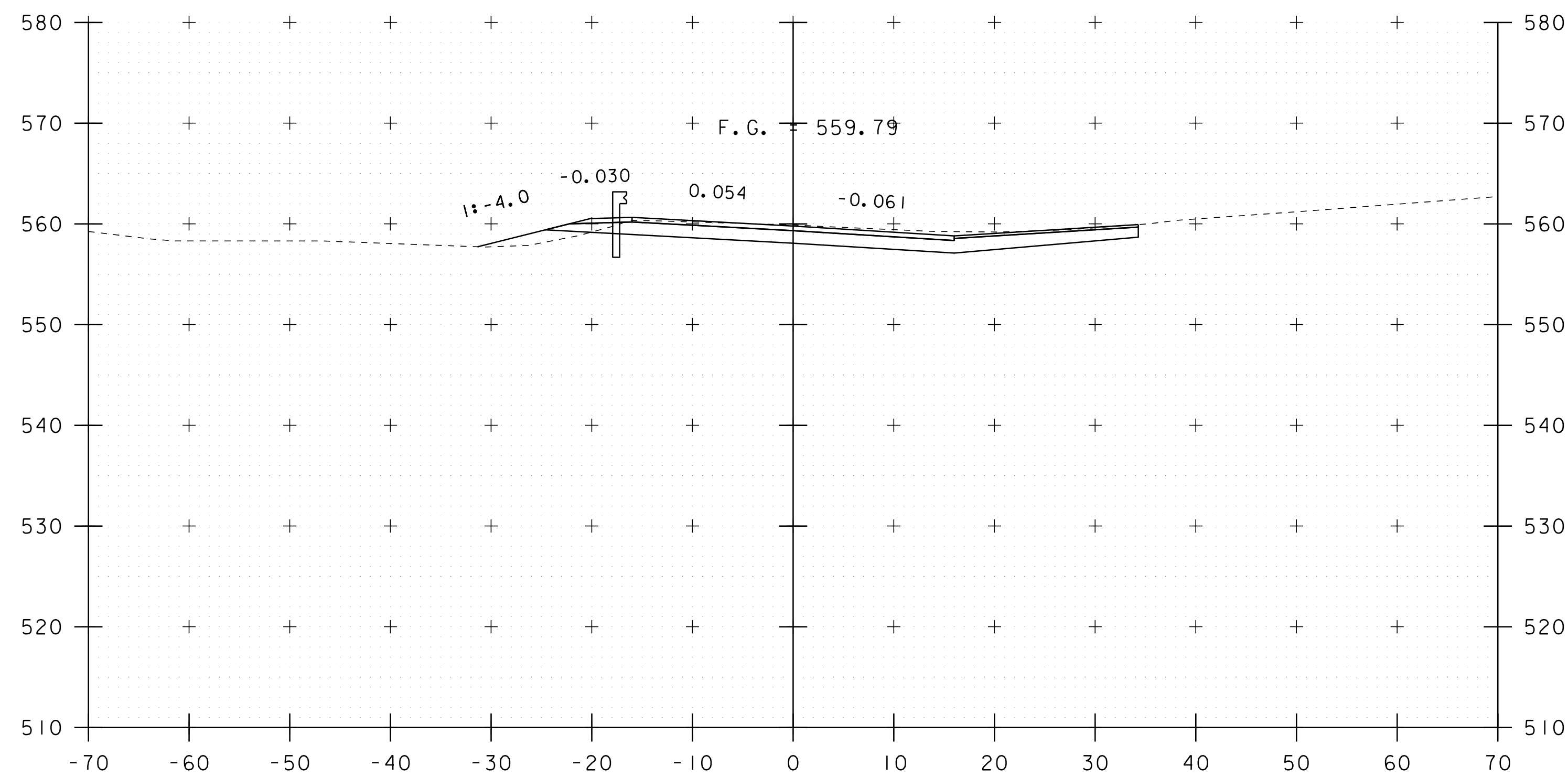
50+75

STA. 50+25 TO STA. 51+00

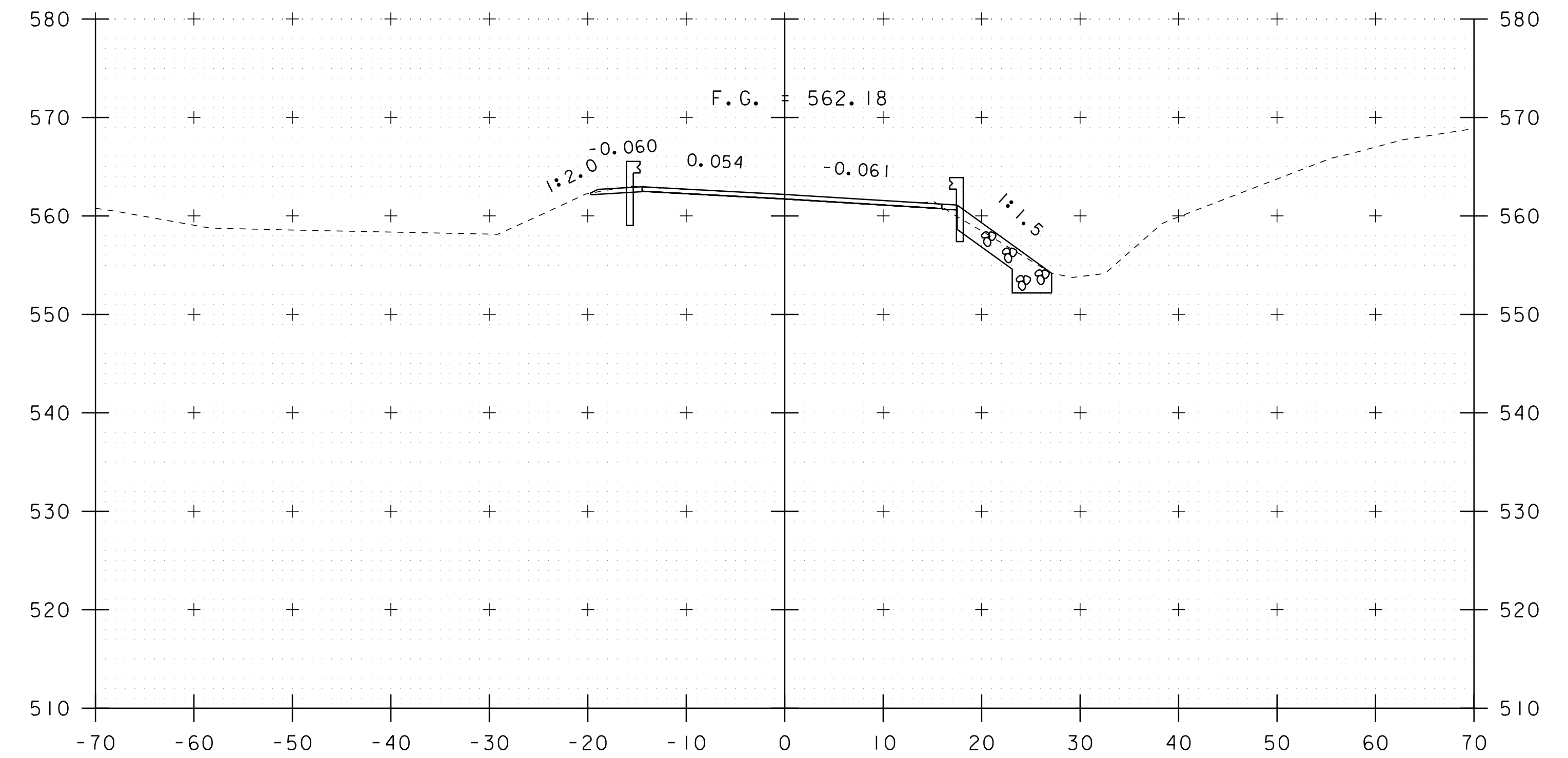
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|---------------------------|---------------|--------------|-------------|
| PROJECT NAME: | SHAFTSBURY | PLOT DATE: | 27-MAR-2020 |
| PROJECT NUMBER: | STP 014-1(6) | DRAWN BY: | R. HOOD |
| FILE NAME: | sl6b083xs.dgn | DESIGNED BY: | R. HOOD |
| PROJECT LEADER: | C. COTA | CHECKED BY: | D. PETERSON |
| MAINLINE CROSS SECTIONS 3 | | SHEET | 11 OF 17 |



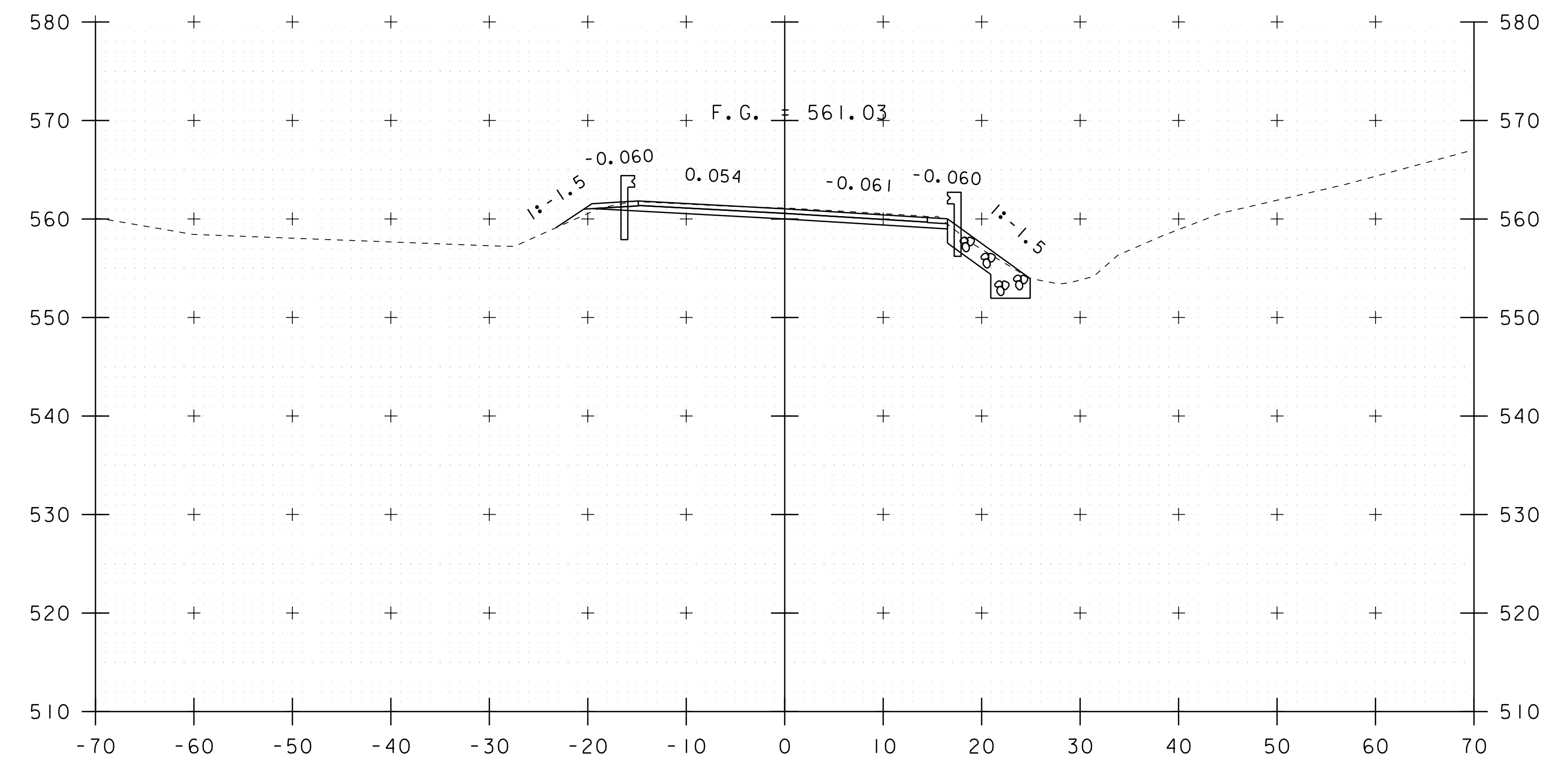
51+25
END PROJECT



51+20



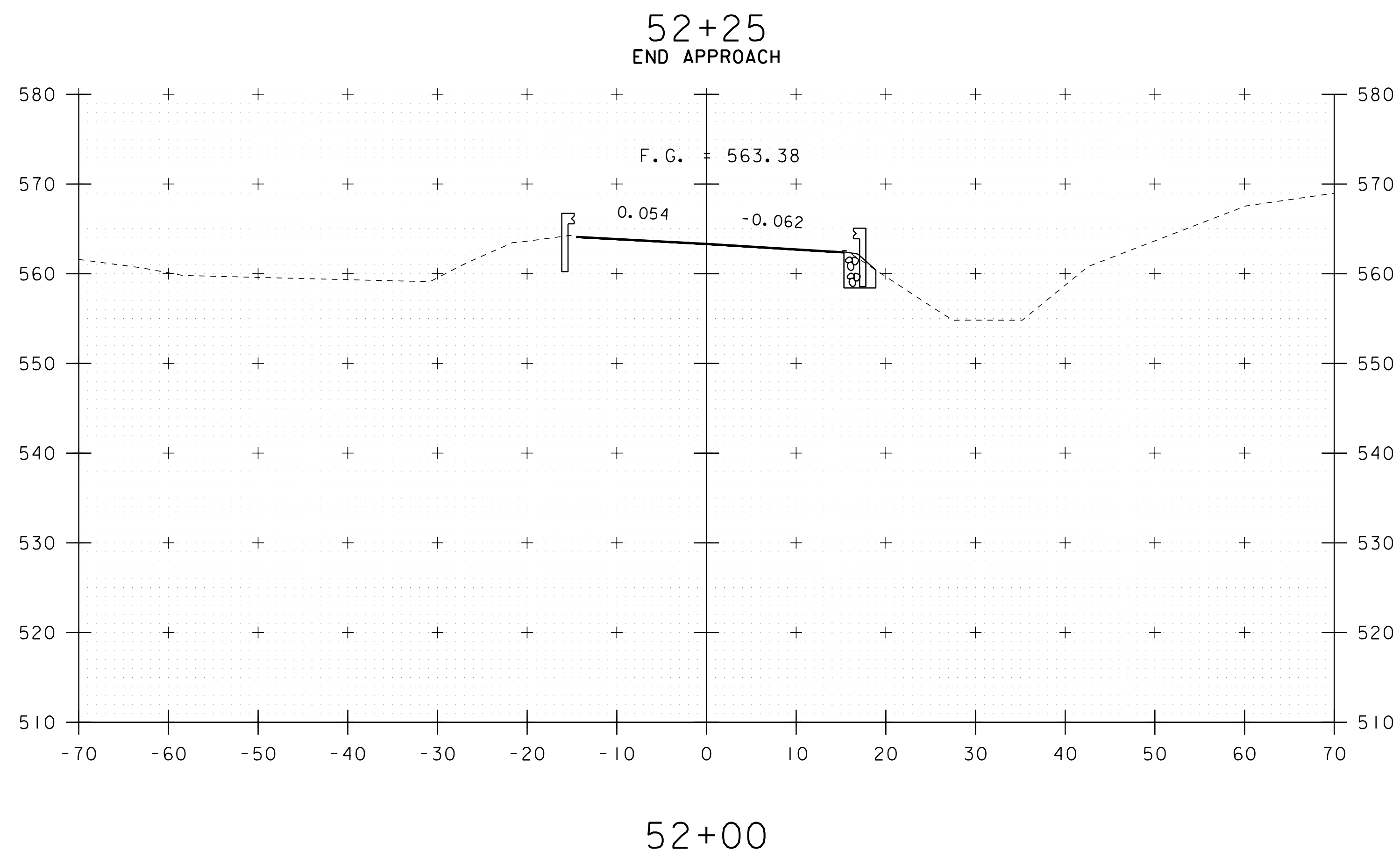
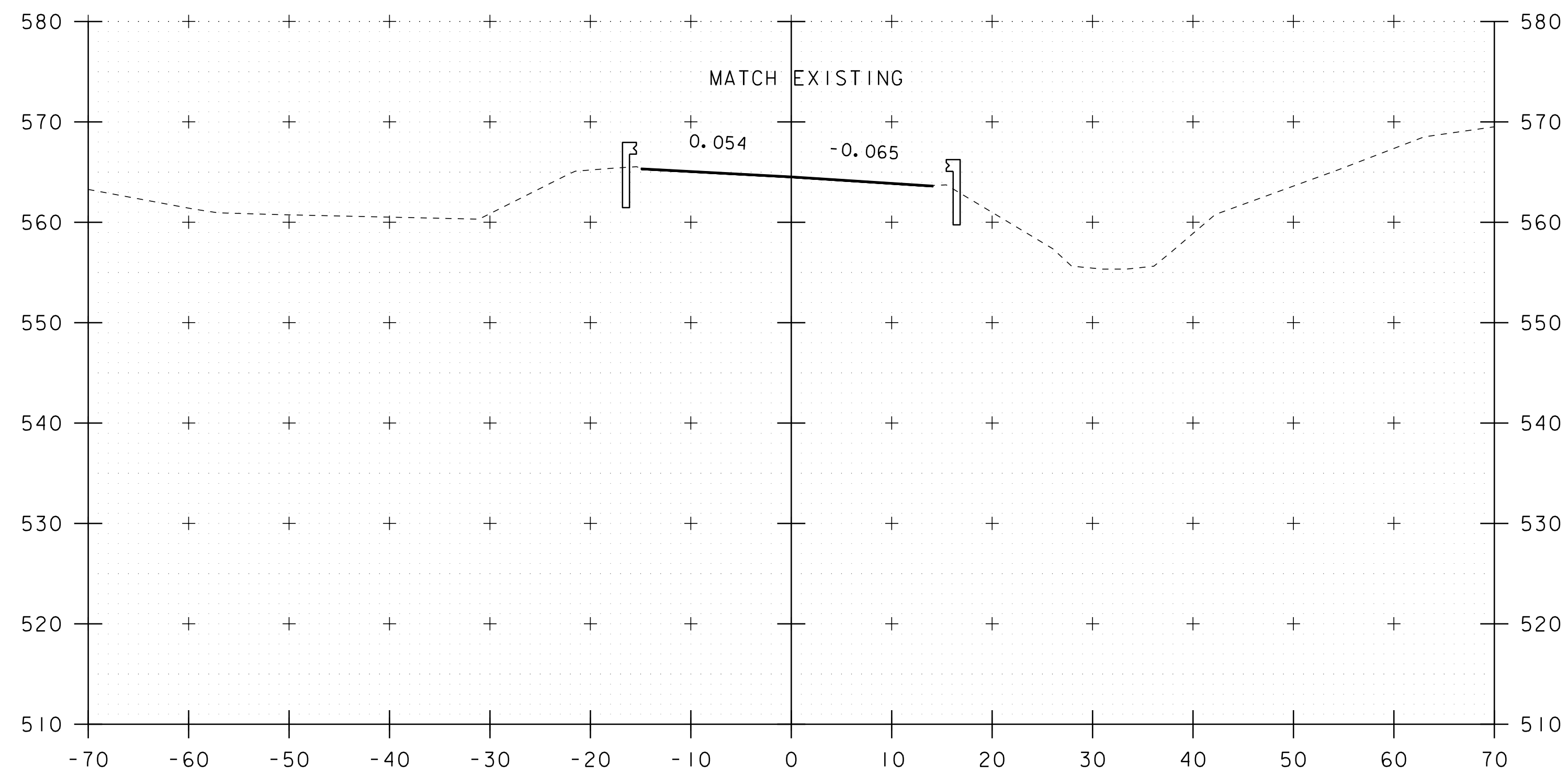
51+75



51+50

STA. 51+20 TO STA. 51+75

| | | | |
|---------------------------|---------------|--------------|-------------|
| PROJECT NAME: | SHAFTSBURY | PLOT DATE: | 27-MAR-2020 |
| PROJECT NUMBER: | STP 014-1(6) | DRAWN BY: | R. HOOD |
| FILE NAME: | sl6b083xs.dgn | DESIGNED BY: | R. HOOD |
| PROJECT LEADER: | C. COTA | CHECKED BY: | D. PETERSON |
| MAINLINE CROSS SECTIONS 4 | | SHEET | 12 OF 17 |

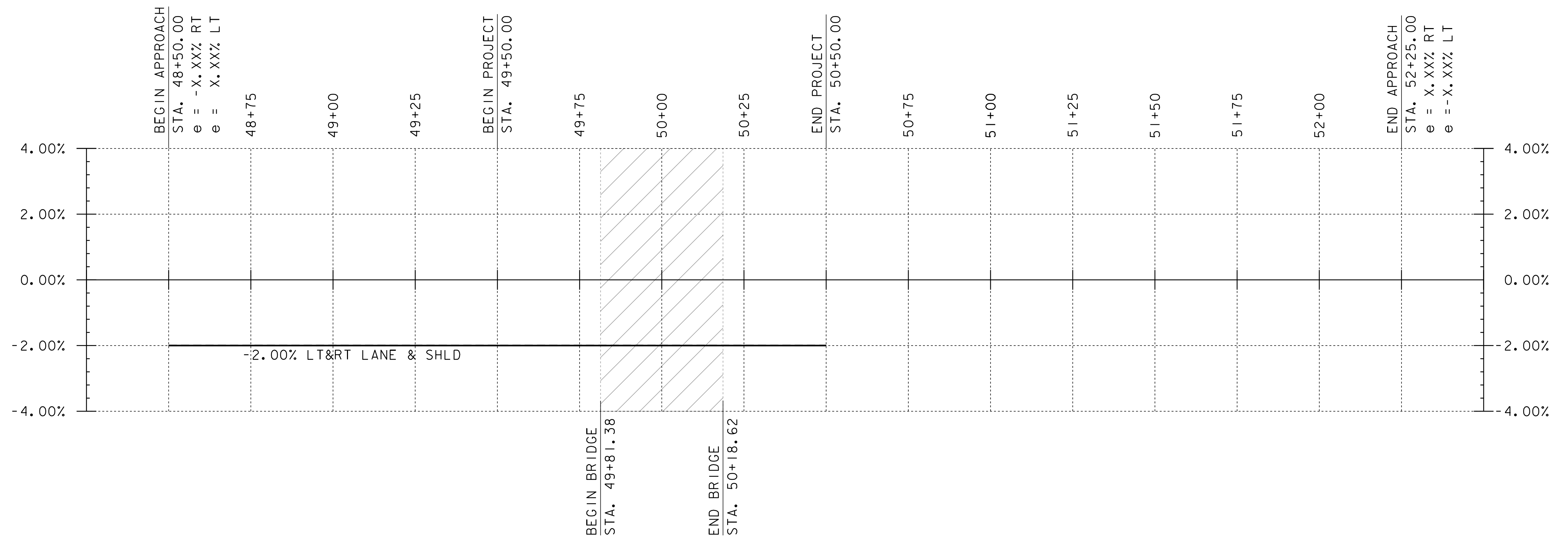
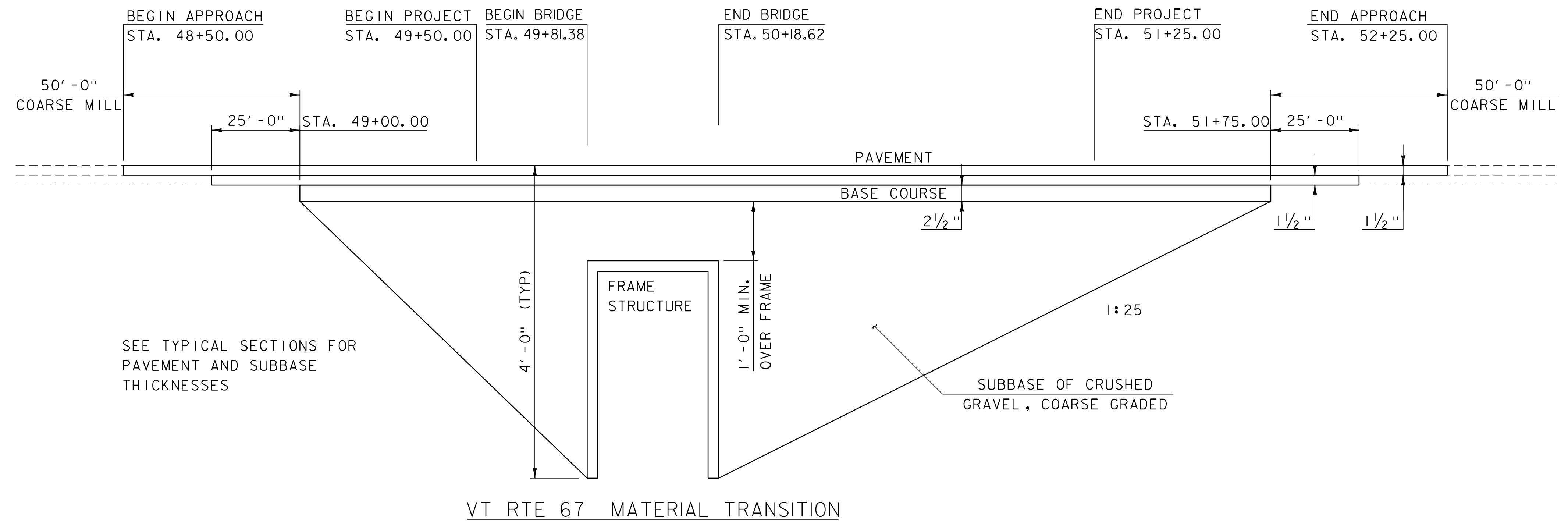


STA. 52+00 TO STA. 52+25

PROJECT NAME: SHAFTSBURY
PROJECT NUMBER: STP 014-1(6)

FILE NAME: sl6b083xs.dgn
PROJECT LEADER: C. COTA
DESIGNED BY: R. HOOD
MAINLINE CROSS SECTIONS 5

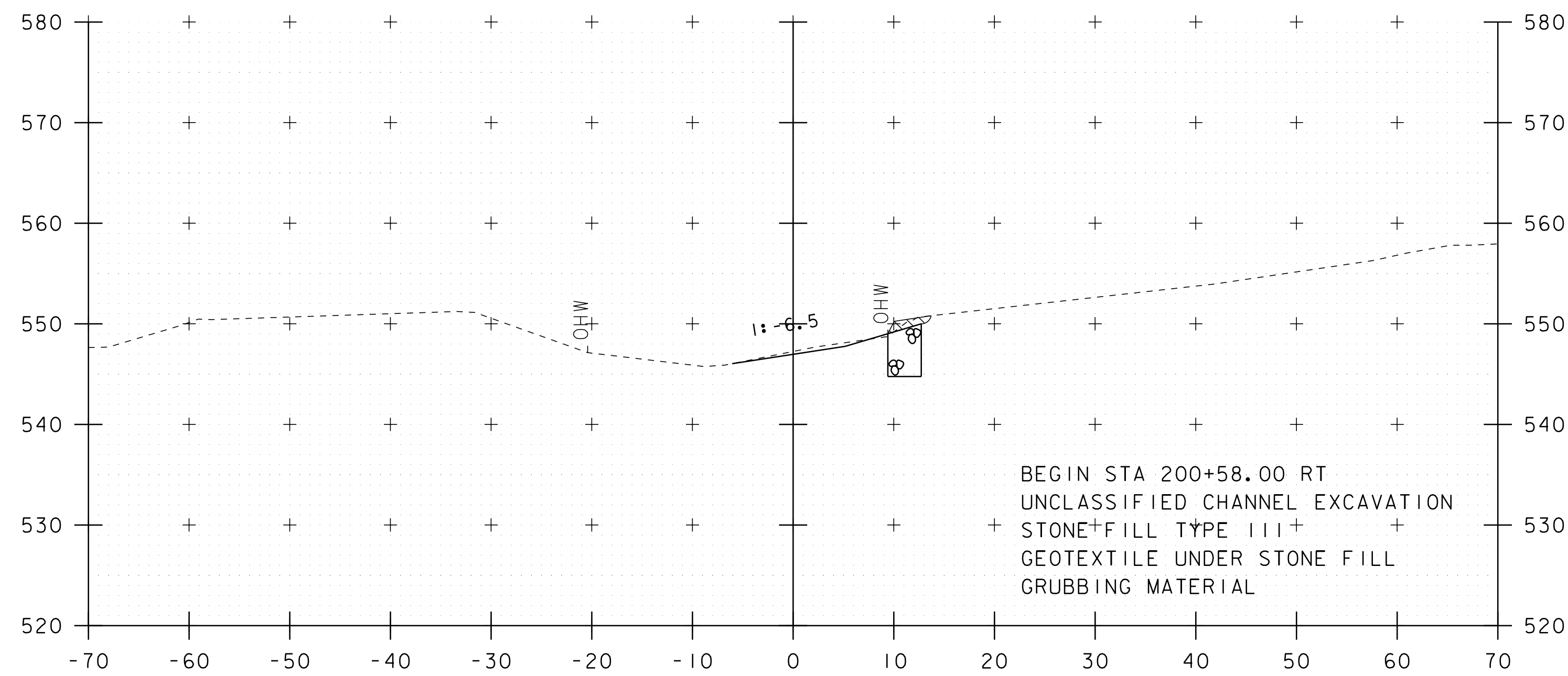
PLOT DATE: 27-MAR-2020
DRAWN BY: R. HOOD
CHECKED BY: D. PETERSON
SHEET 13 OF 17



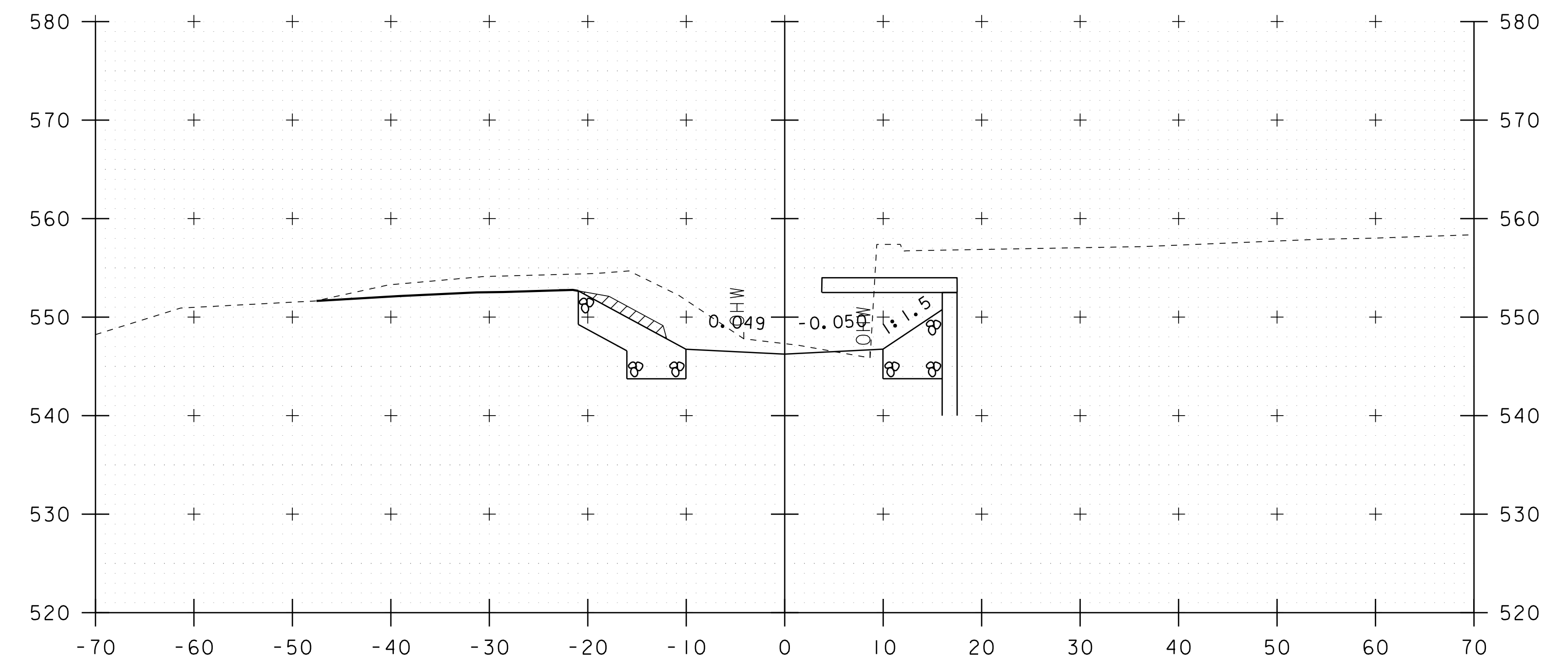
VT RTE 67 BANKING DIAGRAM

SCALE: HORIZONTAL 1"=20'-0"
VERTICAL N. T. S.

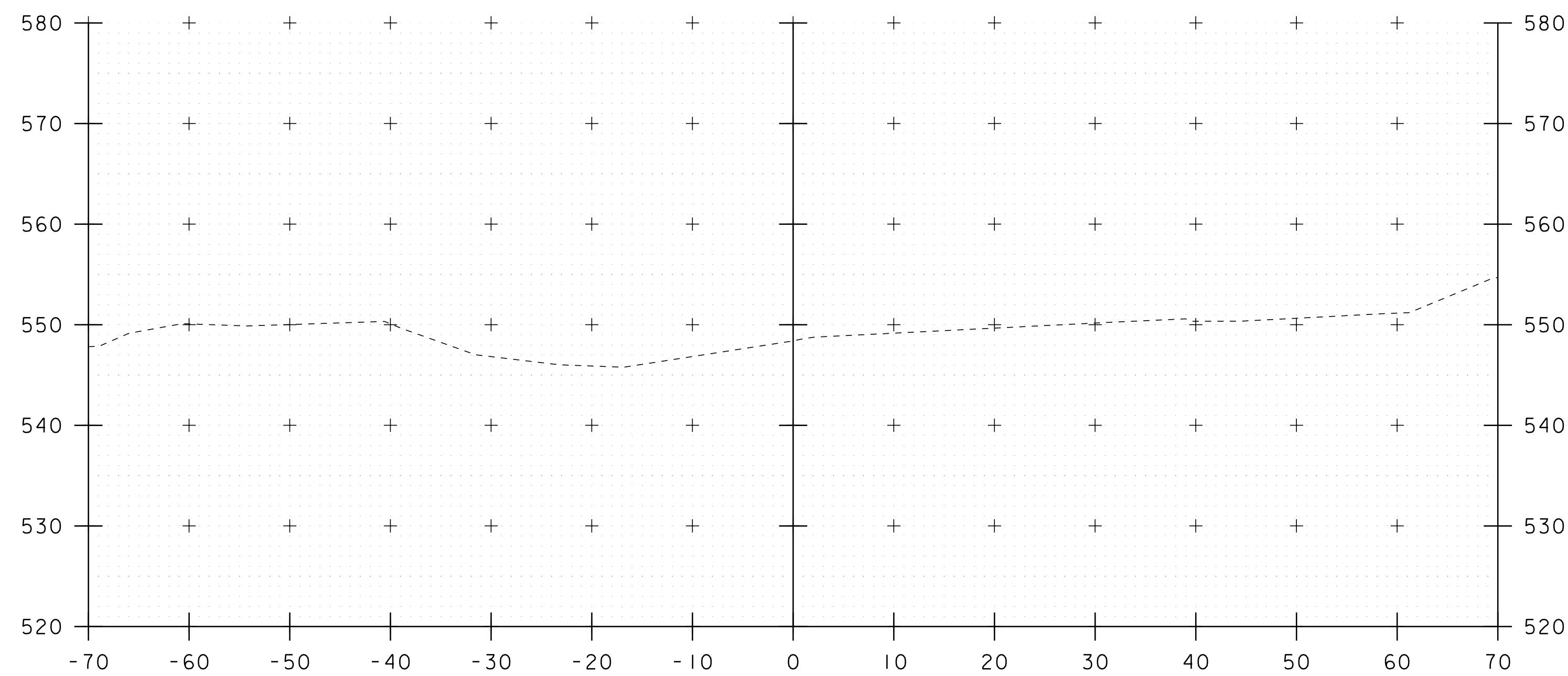
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|-----------------|---------------|---------------------------------------|----------------|
| PROJECT NAME: | SHAFTSBURY | PLOT DATE: | 27-MAR-2020 |
| PROJECT NUMBER: | STP 014-1(6) | DRAWN BY: | R. PELLETT |
| FILE NAME: | sl6b083xs.dgn | CHECKED BY: | D. PETERSON |
| PROJECT LEADER: | C. COTA | MATERIAL TRANSITION & BANKING DIAGRAM | SHEET 14 OF 17 |
| DESIGNED BY: | D. PETERSON | | |



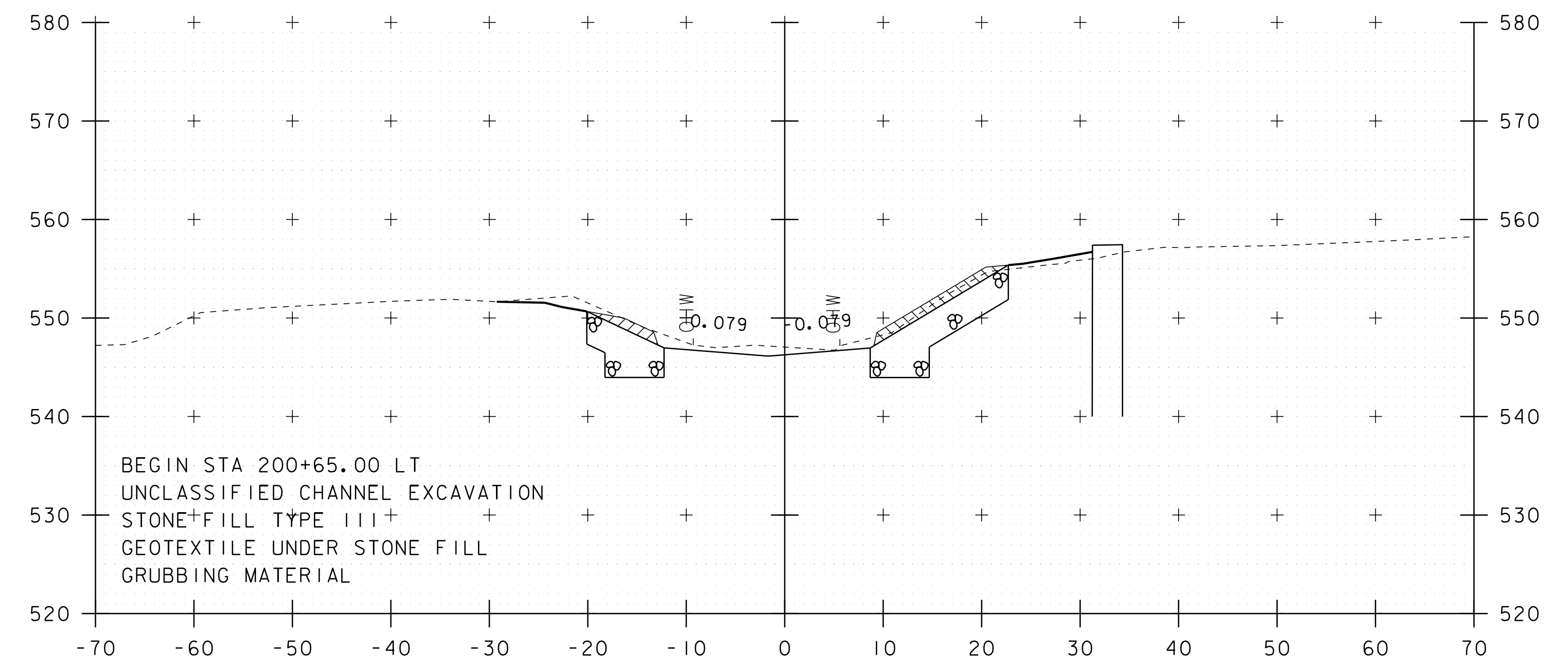
200+50



200+80



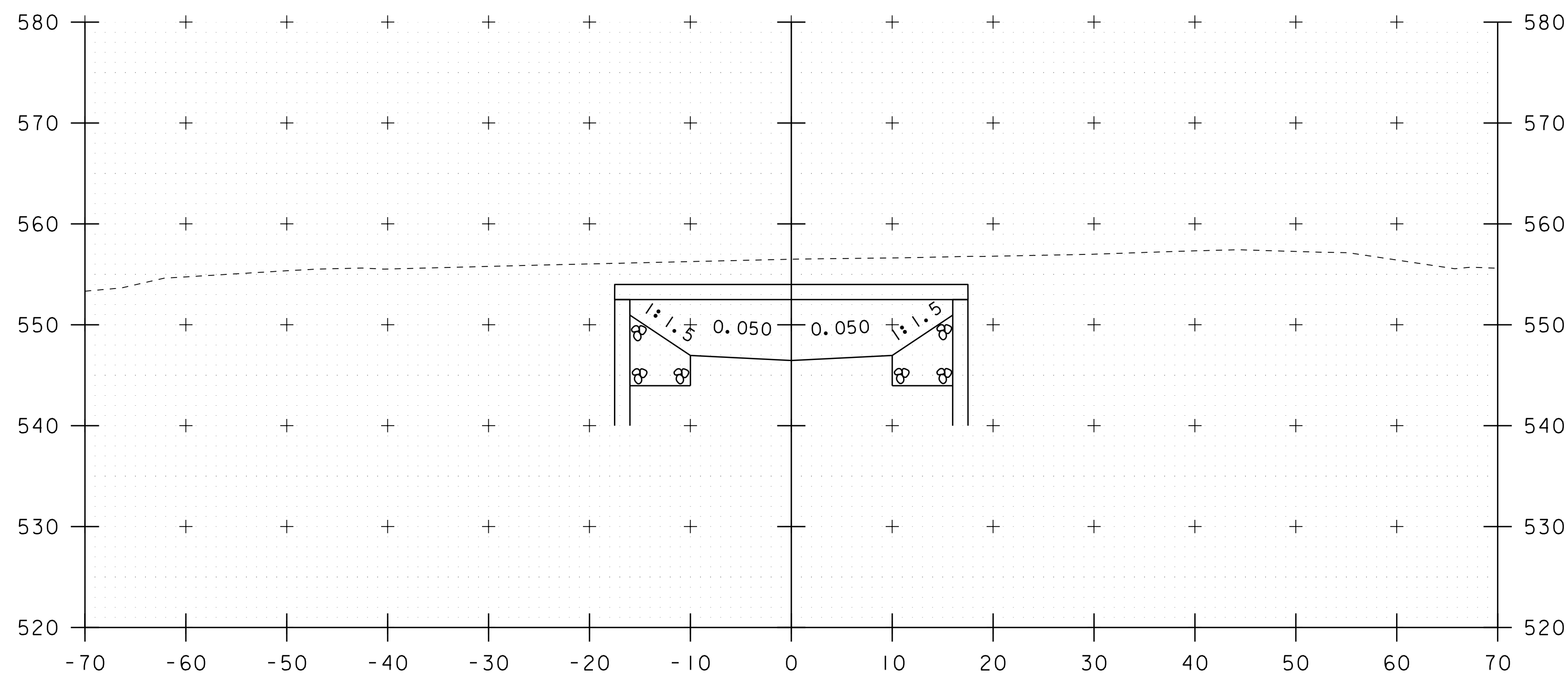
200+50



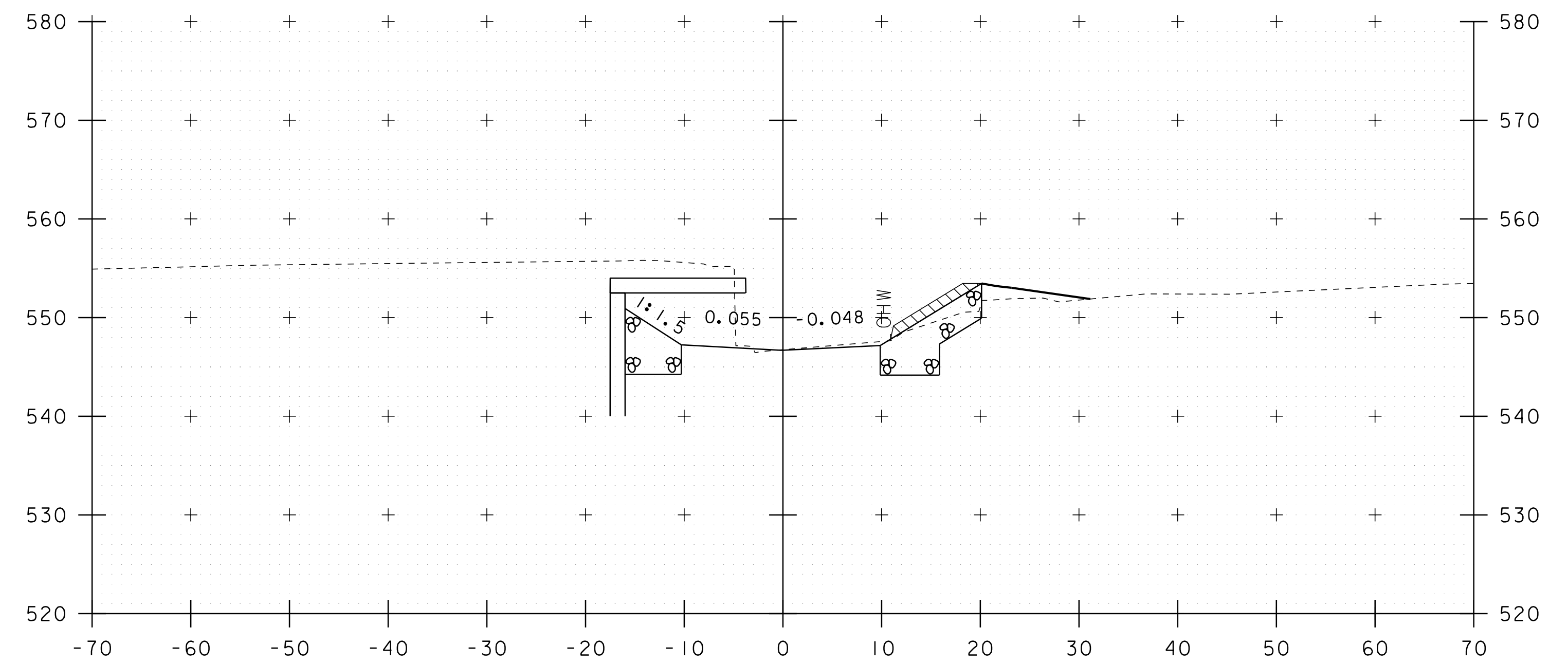
200+70

STA. 200+50 TO STA. 200+80

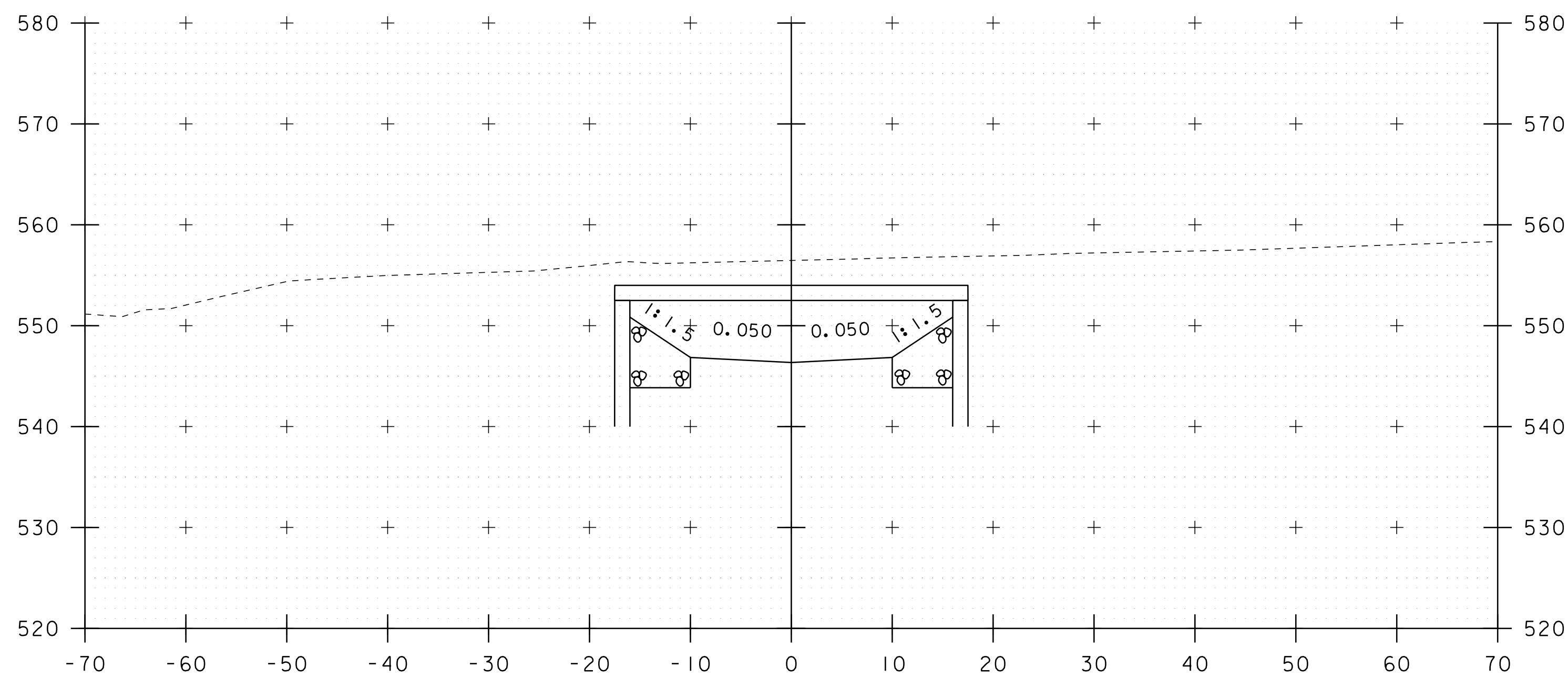
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| PROJECT NAME: SHAFTSBURY | |
| PROJECT NUMBER: STP 014-1(6) | |
| FILE NAME: sl6b083xs.dgn | PLOT DATE: 27-MAR-2020 |
| PROJECT LEADER: C. COTA | DRAWN BY: R. HOOD |
| DESIGNED BY: R. HOOD | CHECKED BY: D. PETERSON |
| CHANNEL CROSS SECTIONS 1 | SHEET 15 OF 17 |



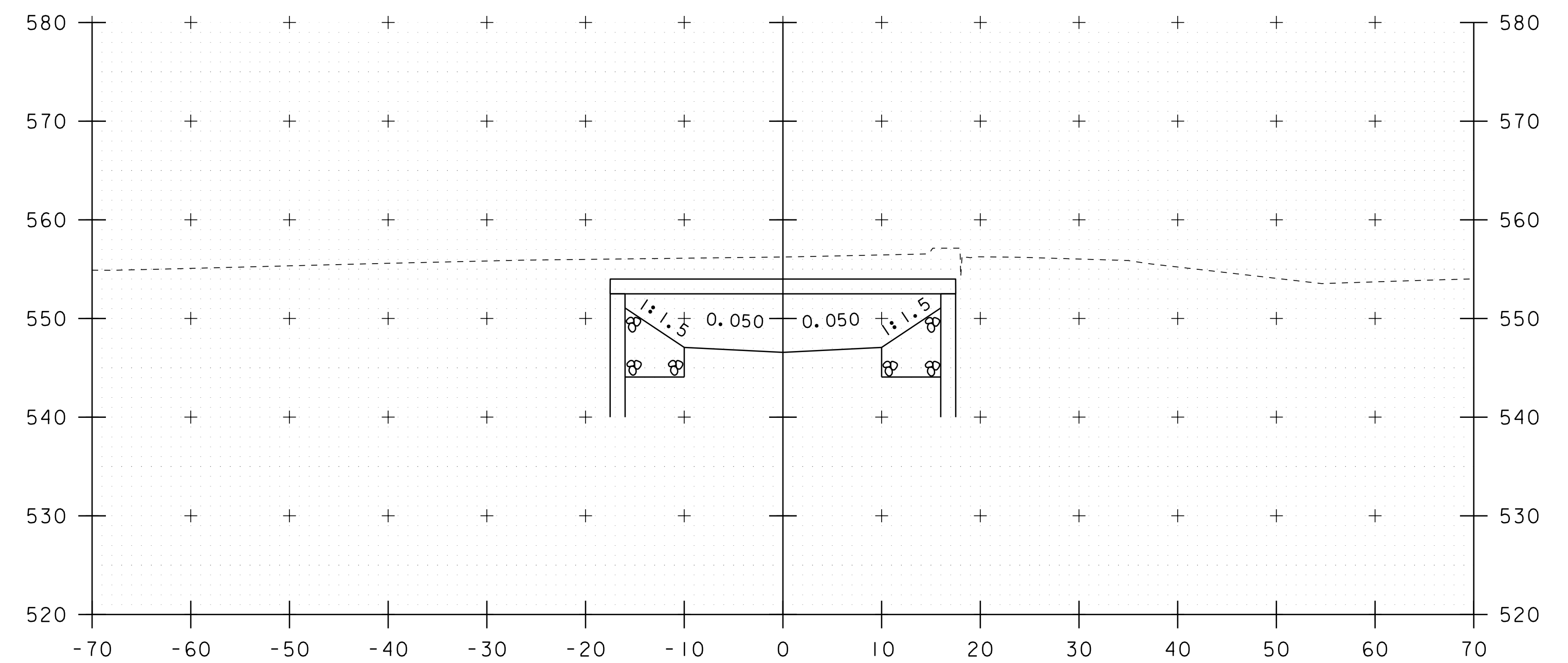
201+00



201+20



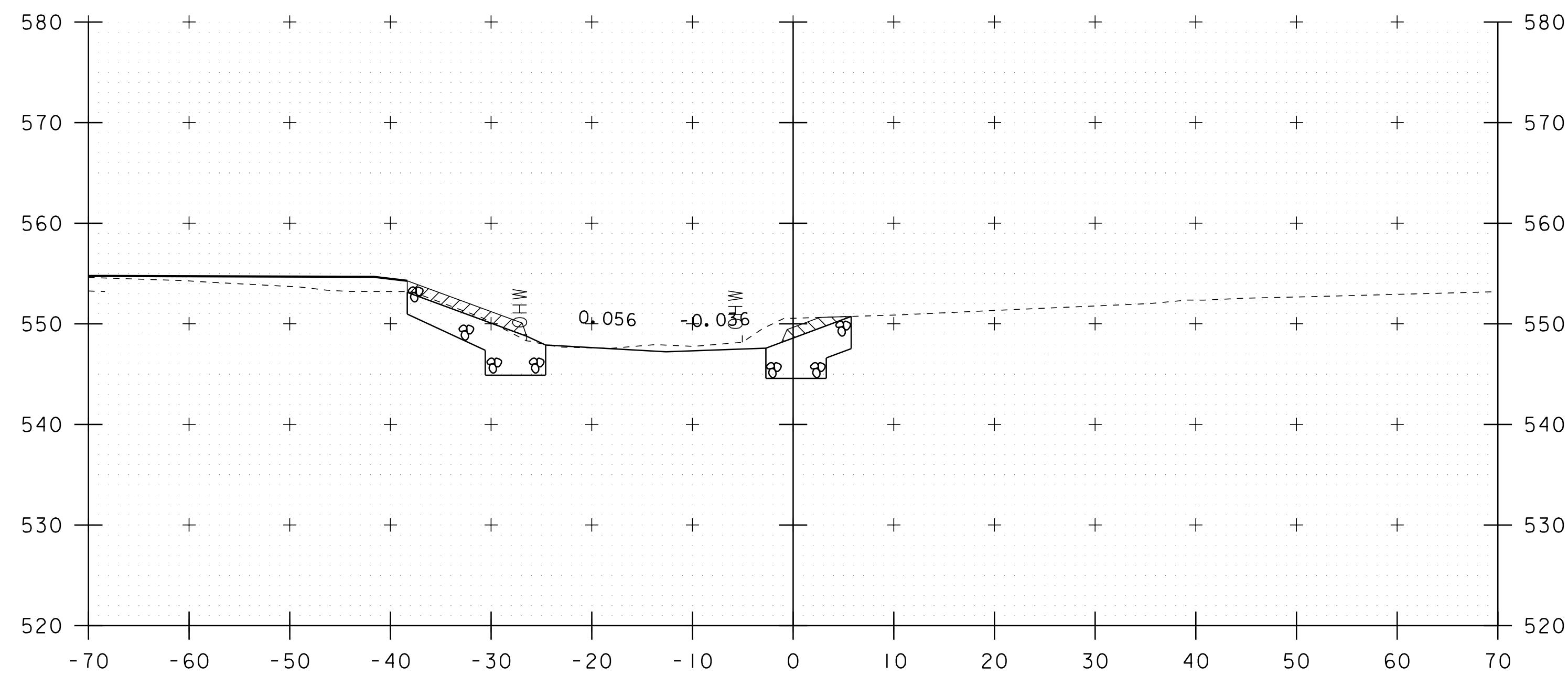
200+90



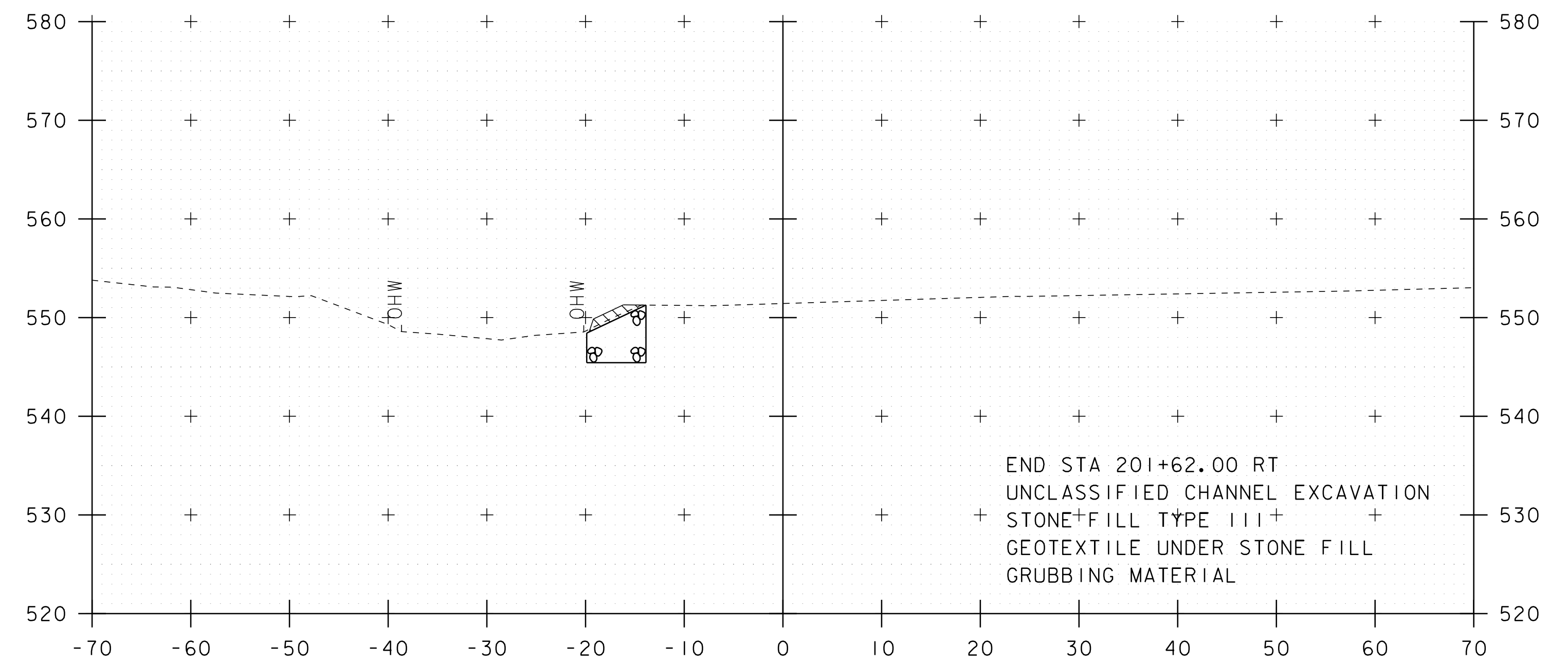
201+10

STA. 200+90 TO STA. 201+20

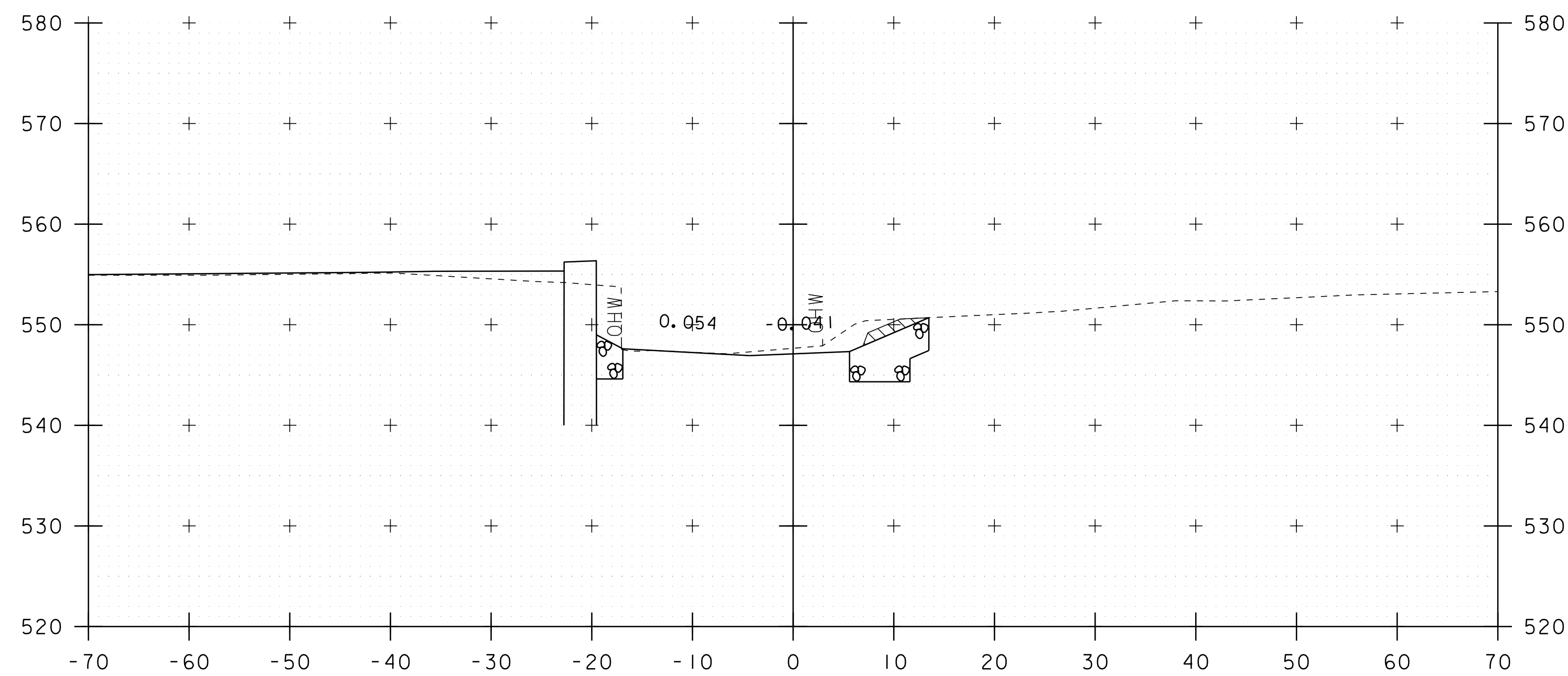
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|--------------------------|---------------|-------------|-------------|
| PROJECT NAME: | SHAFTSBURY | PLOT DATE: | 27-MAR-2020 |
| PROJECT NUMBER: | STP 014-1(6) | DRAWN BY: | R. HOOD |
| FILE NAME: | sl6b083xs.dgn | CHECKED BY: | D. PETERSON |
| PROJECT LEADER: | C. COTA | SHEET | 16 OF 17 |
| DESIGNED BY: | R. HOOD | | |
| CHANNEL CROSS SECTIONS 2 | | | |



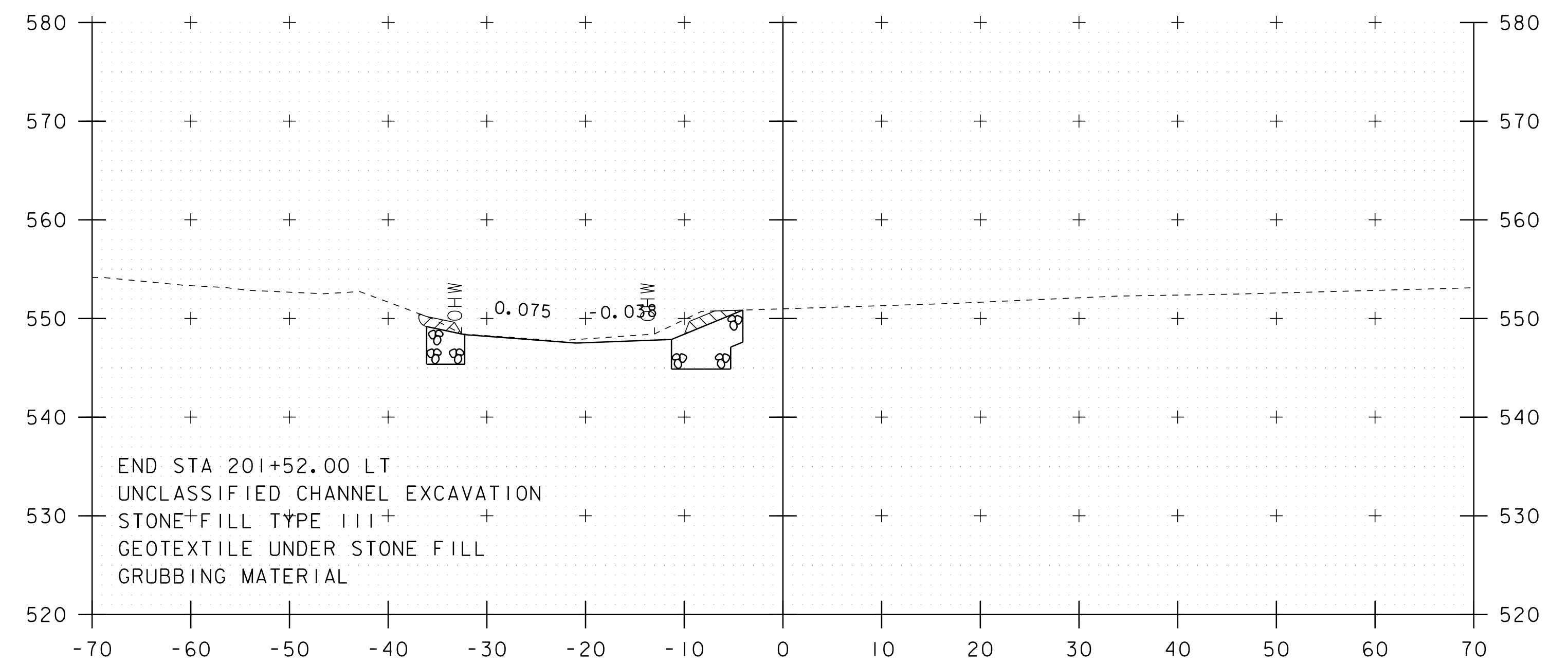
201+40



201+60



201+30



201+50

STA. 201+30 TO STA. 201+60

| | | | |
|-----------------|---------------|------------------------|-------------|
| PROJECT NAME: | SHAFTSBURY | PLOT DATE: | 27-MAR-2020 |
| PROJECT NUMBER: | STP 014-1(6) | DRAWN BY: | R. HOOD |
| FILE NAME: | sl6b083xs.dgn | CHECKED BY: | D. PETERSON |
| PROJECT LEADER: | C. COTA | SHEET | 17 OF 17 |
| DESIGNED BY: | R. HOOD | CHANNEL CROSS SECTIONS | 3 |