

F.A.U. RTE	SECTION	COUNTY	TOTAL SHEETS	THIS SHEET
6004	12-00062-00-WR	LASALLE	20	1

- 1.) COVER SHEET
- 2.) TYPICAL SECTIONS & DETAILS
- 3.) SUMMARY OF QUANTITIES & SCHEDULE OF QUANTITIES
- 4.) PLAN SHEET, E. MAIN STREET, STA. 0+00 TO STA. 5+25
- 5.) PLAN SHEET, E. MAIN STREET, STA. 5+25 TO STA. 11+75
- 6.) PLAN SHEET, E. MAIN STREET, STA. 11+75 TO STA. 18+25
- 7.) PLAN SHEET, E. MAIN STREET, STA. 18+25 TO STA. 23+25
- 8.) PLAN SHEET, E. MAIN STREET, STA. 23+25 TO STA. 26+50
- 9.) PLAN SHEET, 16TH STREET, STA. 50+00 TO STA. 51+91
- 10.) PLAN SHEET, PAVEMENT MARKING
- 11.) CROSS SECTIONS, E. MAIN STREET, STA. 0+50 TO STA. 3+00
- 12.) CROSS SECTIONS, E. MAIN STREET, STA. 3+50 TO STA. 6+00
- 13.) CROSS SECTIONS, E. MAIN STREET, STA. 6+50 TO STA. 9+00
- 14.) CROSS SECTIONS, E. MAIN STREET, STA. 9+50 TO STA. 12+00
- 15.) CROSS SECTIONS, E. MAIN STREET, STA. 12+50 TO STA. 15+00
- 16.) CROSS SECTIONS, E. MAIN STREET, STA. 15+50 TO STA. 18+00
- 17.) CROSS SECTIONS, E. MAIN STREET, STA. 18+50 TO STA. 21+00
- 18.) CROSS SECTIONS, E. MAIN STREET, STA. 21+50 TO STA. 24+00
- 19.) CROSS SECTIONS, E. MAIN STREET, STA. 24+50 TO STA. 26+00
.
- 20.) CROSS SECTIONS, 16TH STREET, STA. 50+50 TO STA. 51+50

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
PLANS FOR  
**PROPOSED LOCAL AGENCY IMPROVEMENT  
FEDERAL - AID URBAN PROJECT  
CITY OF MENDOTA**

JOB NO. C-93-053-16

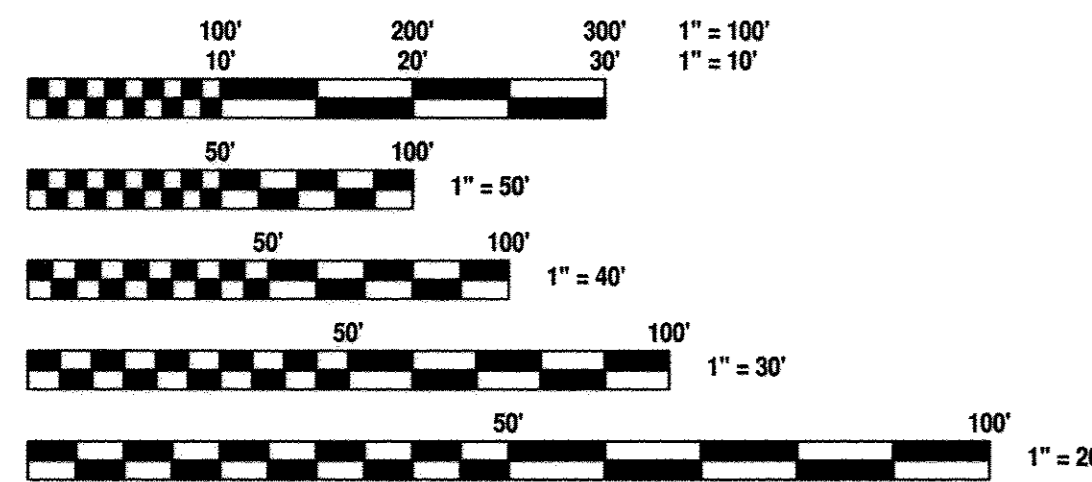
F.A.U. ROUTE 6004 (E. MAIN ST.)

SECTION 12-00062-00-WR, LASALLE COUNTY

PROJECT M-5044(012) CONTRACT# 87652

- I.D.O.T. STANDARDS -

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 424001-09 PERPENDICULAR CURB RAMPS
- 424011-03 CORNER PARALLEL CURB RAMPS
- 424016-03 MID-BLOCK CURB RAMPS
- 424021-03 DEPRESSED CORNER
- 602301-04 INLET - TYPE A
- 602306-03 INLET - TYPE B
- 604001-04 FRAME AND LIDS TYPE 1
- 604006-05 FRAME AND GRATE TYPE 3
- 606001-06 CONCRETE CURB TYPE B AND COMBINATION CURB AND GUTTER
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-06 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- BLR 22-7 TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS



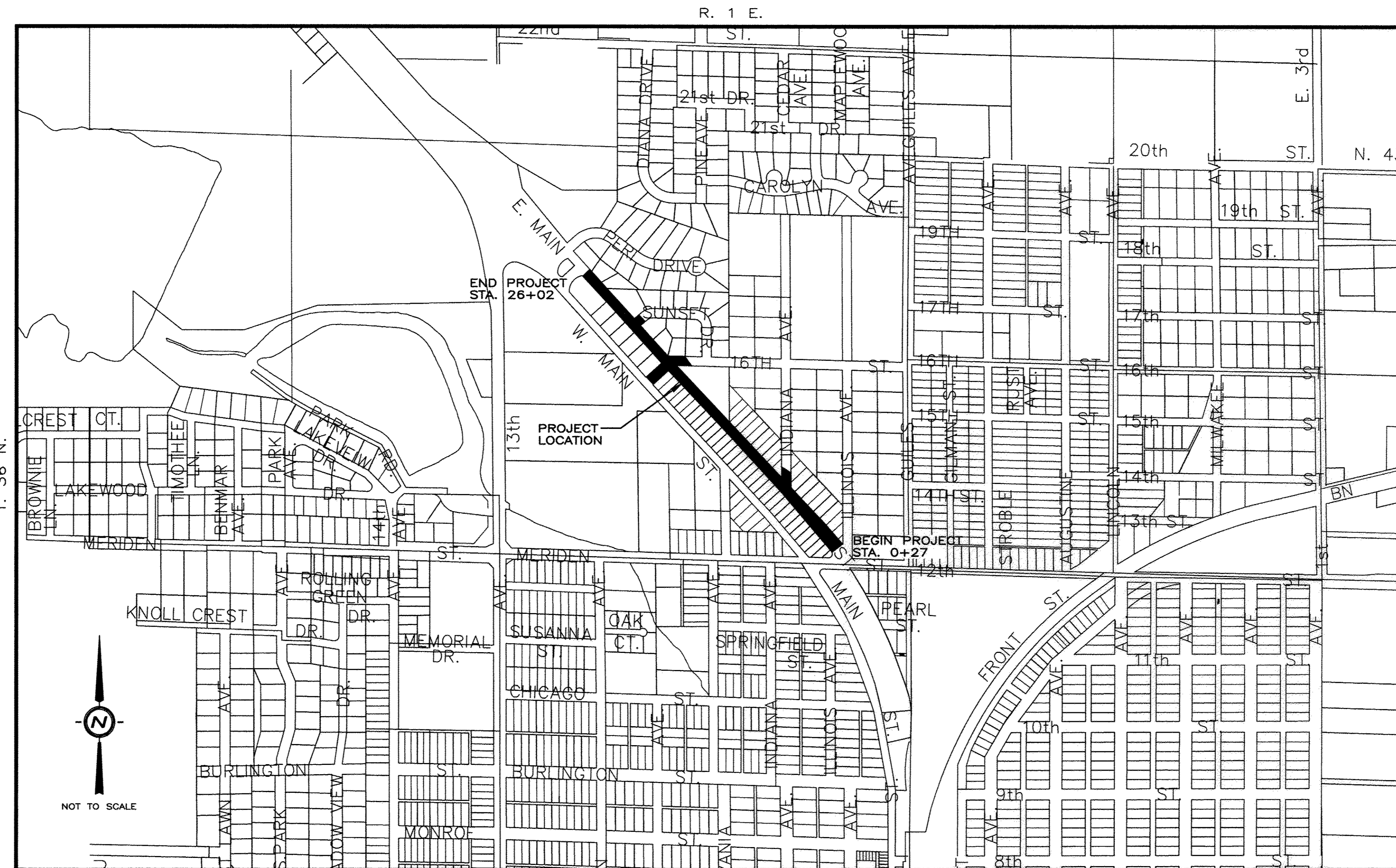
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.



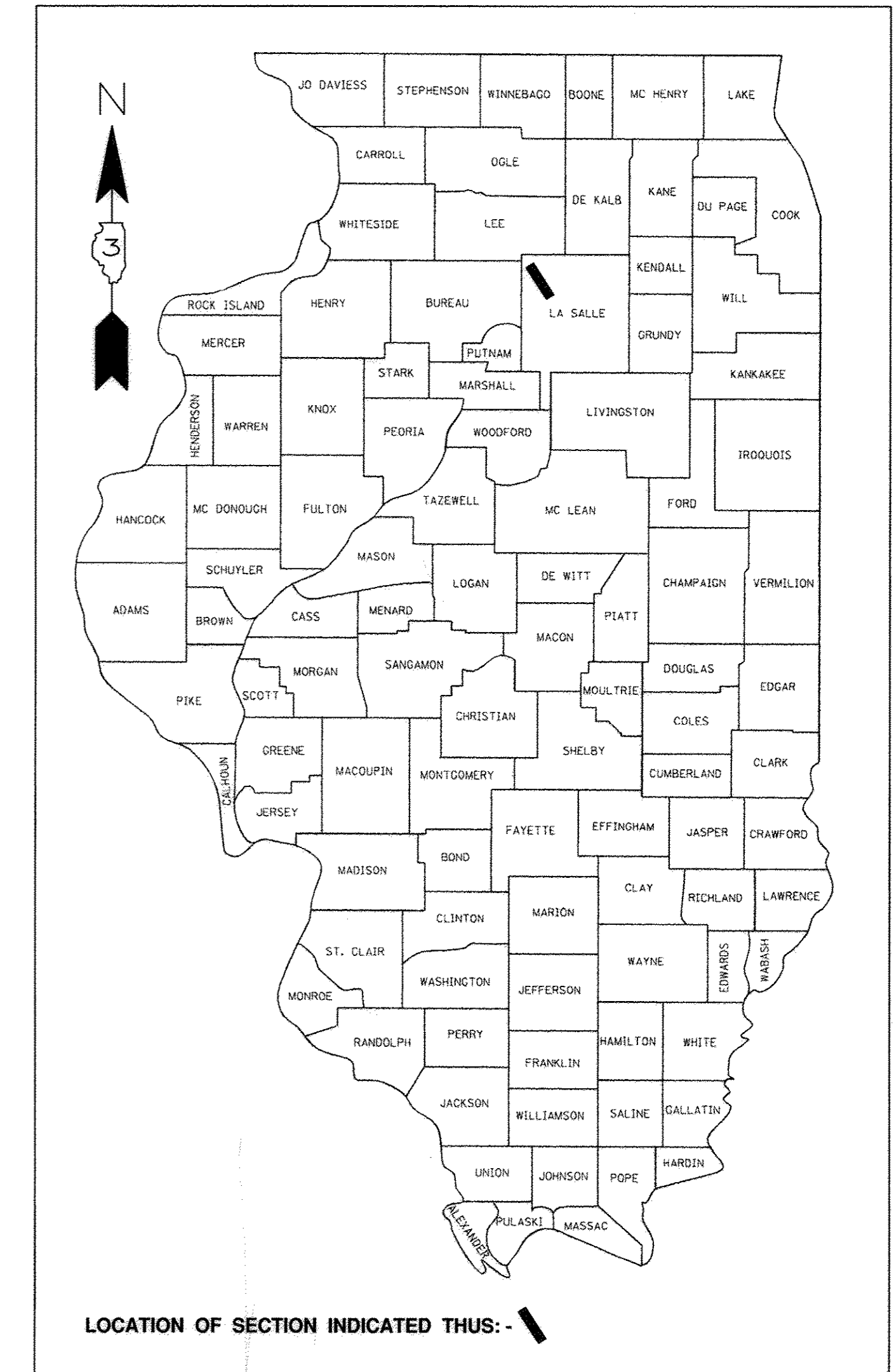
*Richard P. Brown*  
11/30/2017  
4/7/2017



Know what's below.  
Call before you dig.



LOCATION MAP (CITY OF MENDOTA)  
GROSS & NET LENGTH OF PROJECT = 2575 FEET = .488 MILES



F.A.U. 6004 (EAST MAIN STREET)  
FUNCTIONAL CLASSIFICATION: COLLECTOR  
CURRENT ADT = 1200  
DESIGN ADT = 2400  
DESIGN SPEED LIMIT 30 MPH

APPROVED: 4/7, 2017  
*David Boelk*  
MAYOR DAVID BOELK, LOCAL AGENCY OFFICIAL

PASSED: 4-14, 2017  
*Dawn R. EO*  
DISTRICT ENGINEER OF LOCAL ROADS & STREETS

4-14, 2017  
*Kevin Macch...*  
RELEASING FOR BID BASED ON LIMITED REVIEW BY THE REGION TWO ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

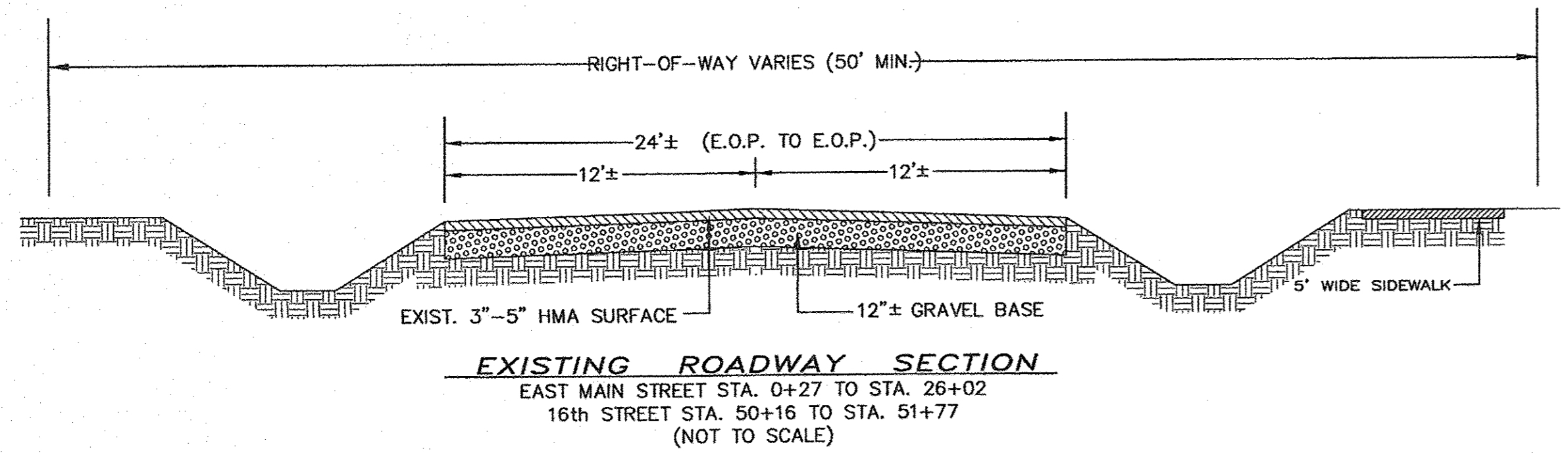


\* ROUTE: FAU 6004 (EAST MAIN STREET)  
SECTION: 12-00062-00-WR  
COUNTY: LA SALLE  
CONTRACT NO.: 87652

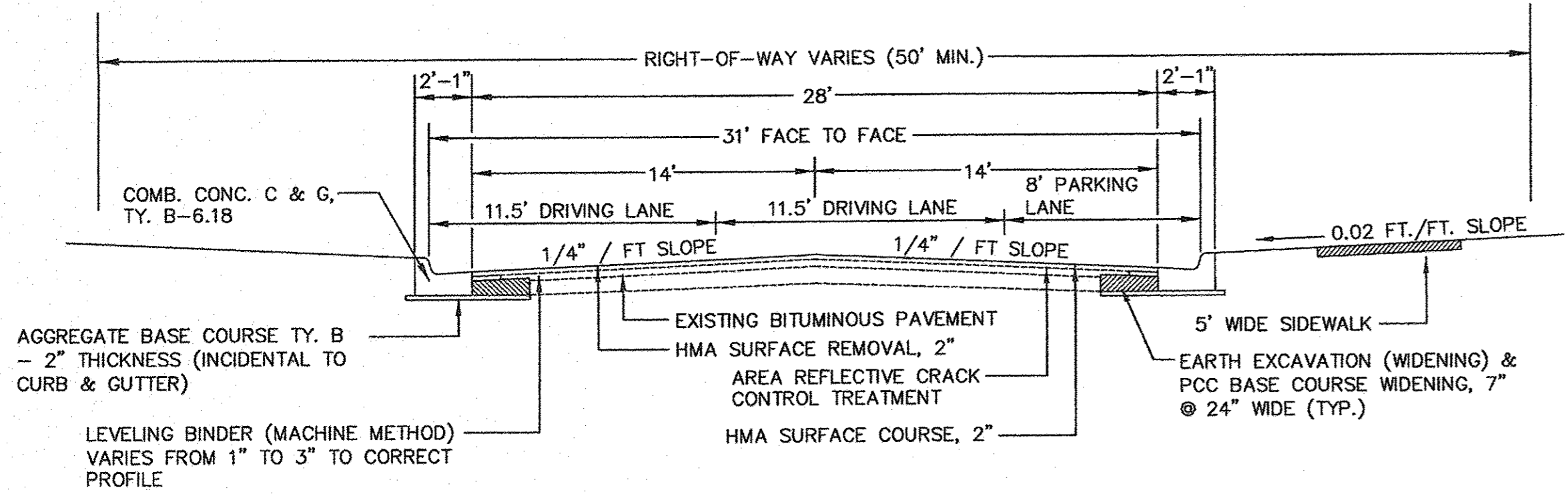
HMA MIXTURE REQUIREMENT TABLE		
LOCATION(S)	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA LEVEL BINDER	HMA SURFACE
BINDER GRADE (PG):	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5FG	IL 9.5
(MIXTURE GRADATION)		
FRICITION AGGREGATE:		Mixture C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA
SUBLOT SIZE:	NA	NA
DENSITY TEST METHOD:	LR 1030	LR 1030

\* MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

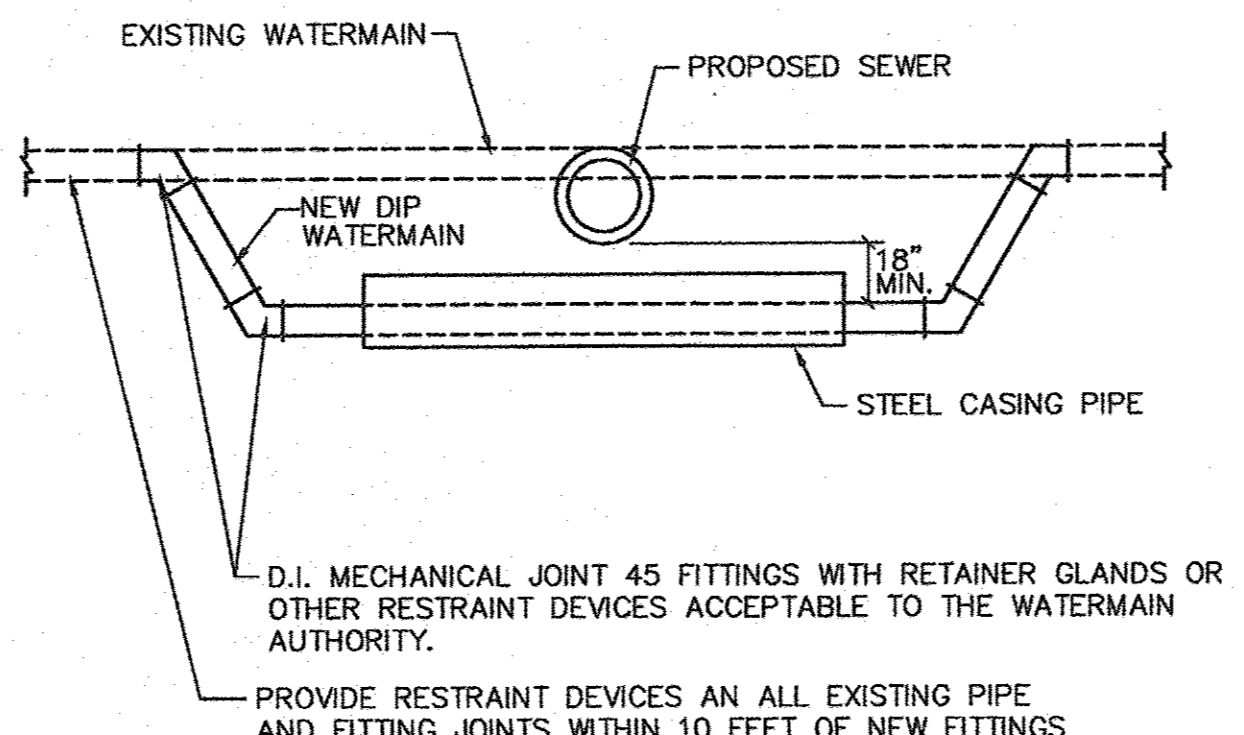
\*\* WHEN RAP/RAS ABR EXCEEDS 20 PERCENT, THE HIGH AND LOW VIRGIN ASPHALT BINDER GRADES SHALL EACH BE REDUCED BY ONE GRADE (I.E. 25% ABR WOULD REQUIRE A VIRGIN ASPHALT BINDER GRADE OF PG 64-22 TO BE REDUCED TO PG 58-28).



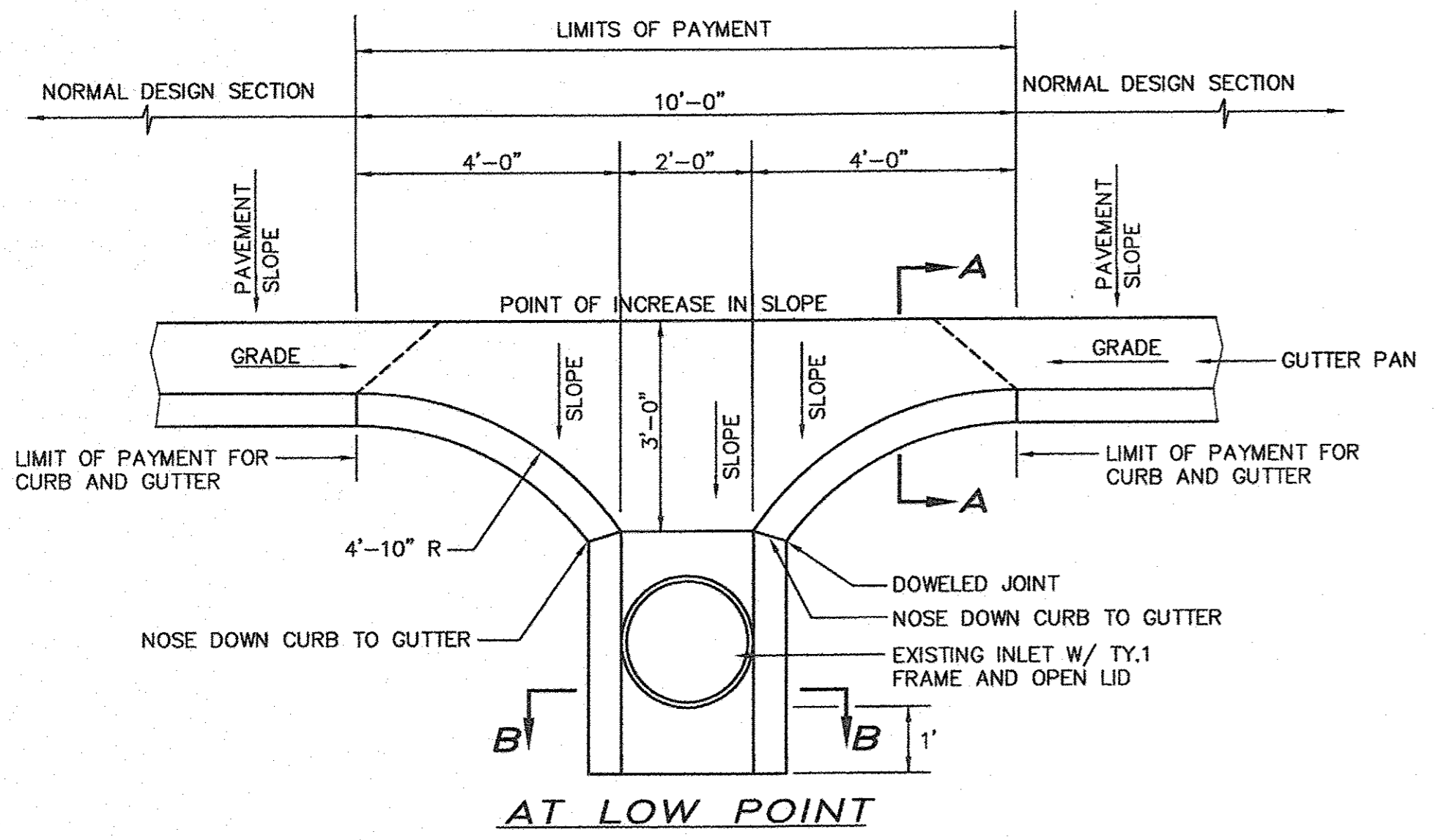
**EXISTING ROADWAY SECTION**  
EAST MAIN STREET STA. 0+27 TO STA. 26+02  
16th STREET STA. 50+16 TO STA. 51+77  
(NOT TO SCALE)



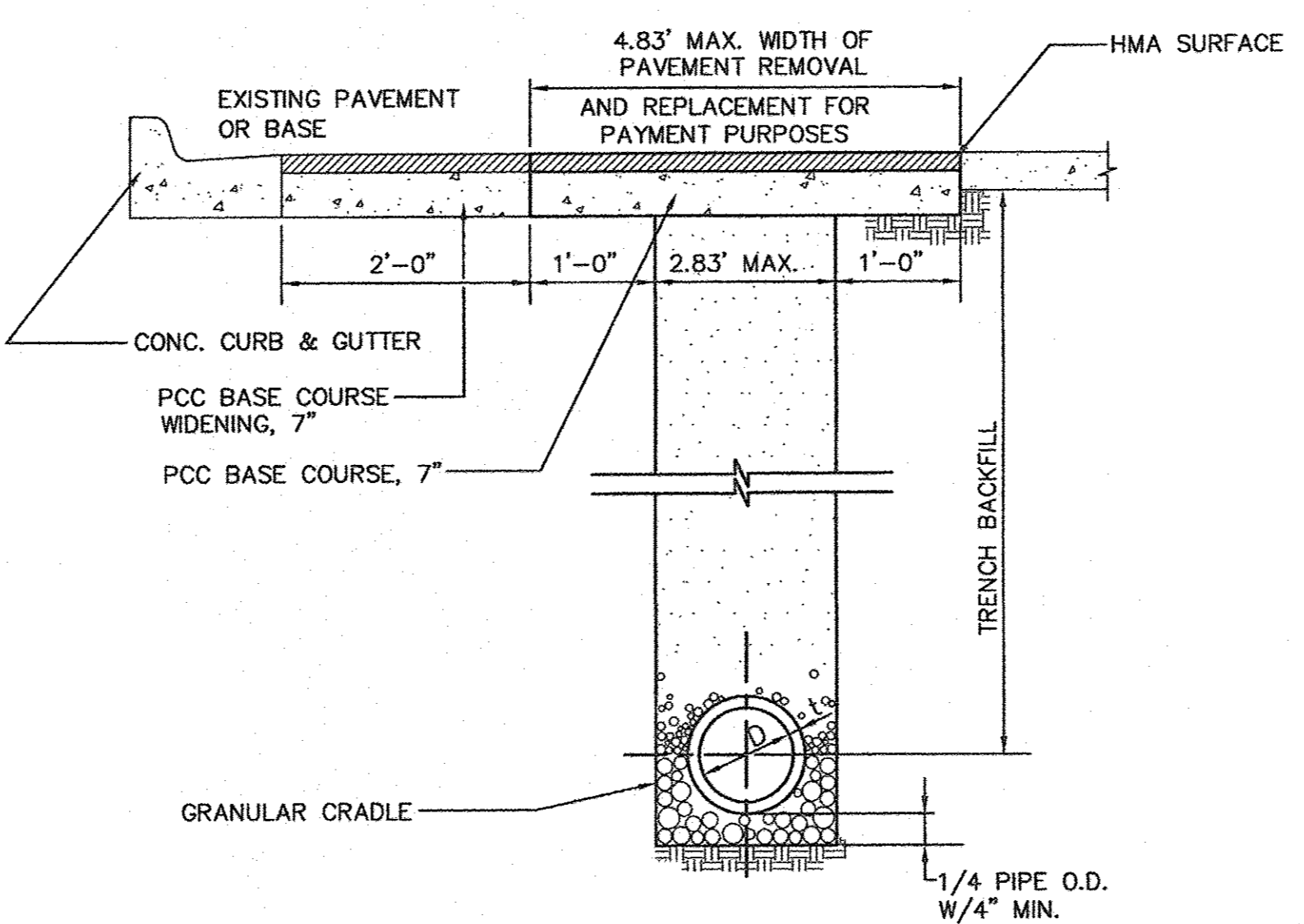
**PROPOSED TYPICAL SECTION**  
EAST MAIN STREET STA. 0+27 TO STA. 26+02  
16th STREET STA. 50+16 TO STA. 51+77  
(NOT TO SCALE)



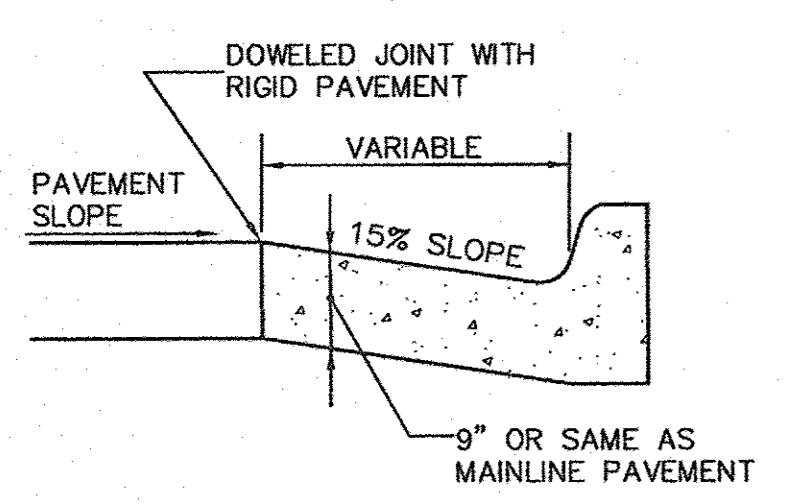
**WATERMAIN REALIGNMENT**  
STA. 6+00



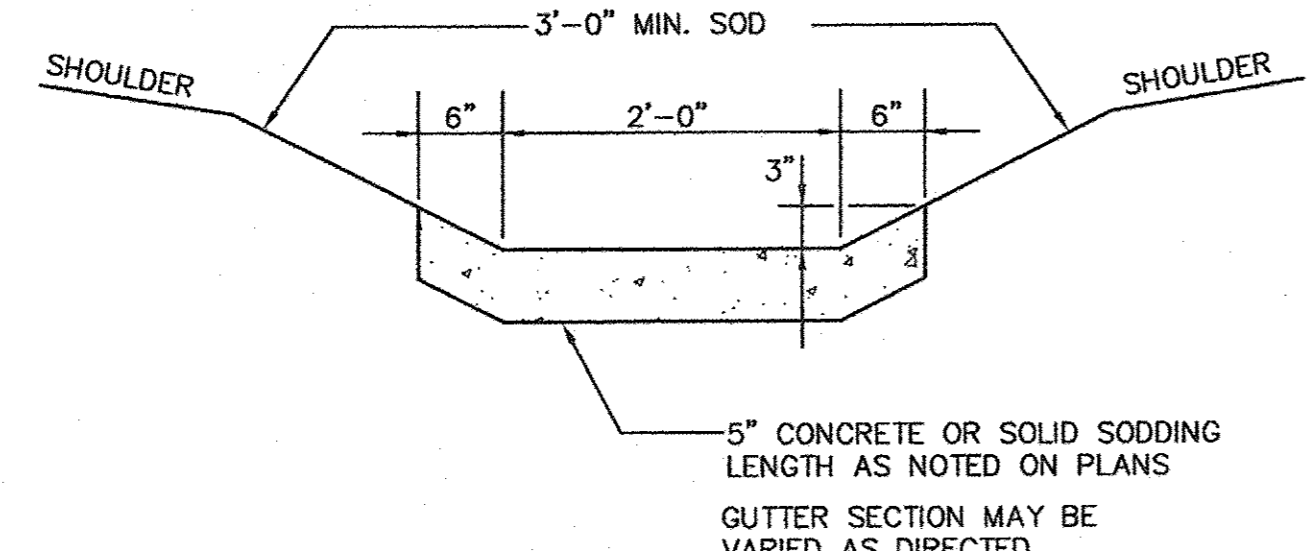
**FLUME DETAIL**  
STA. 25+65, LT & STA. 25+65, RT



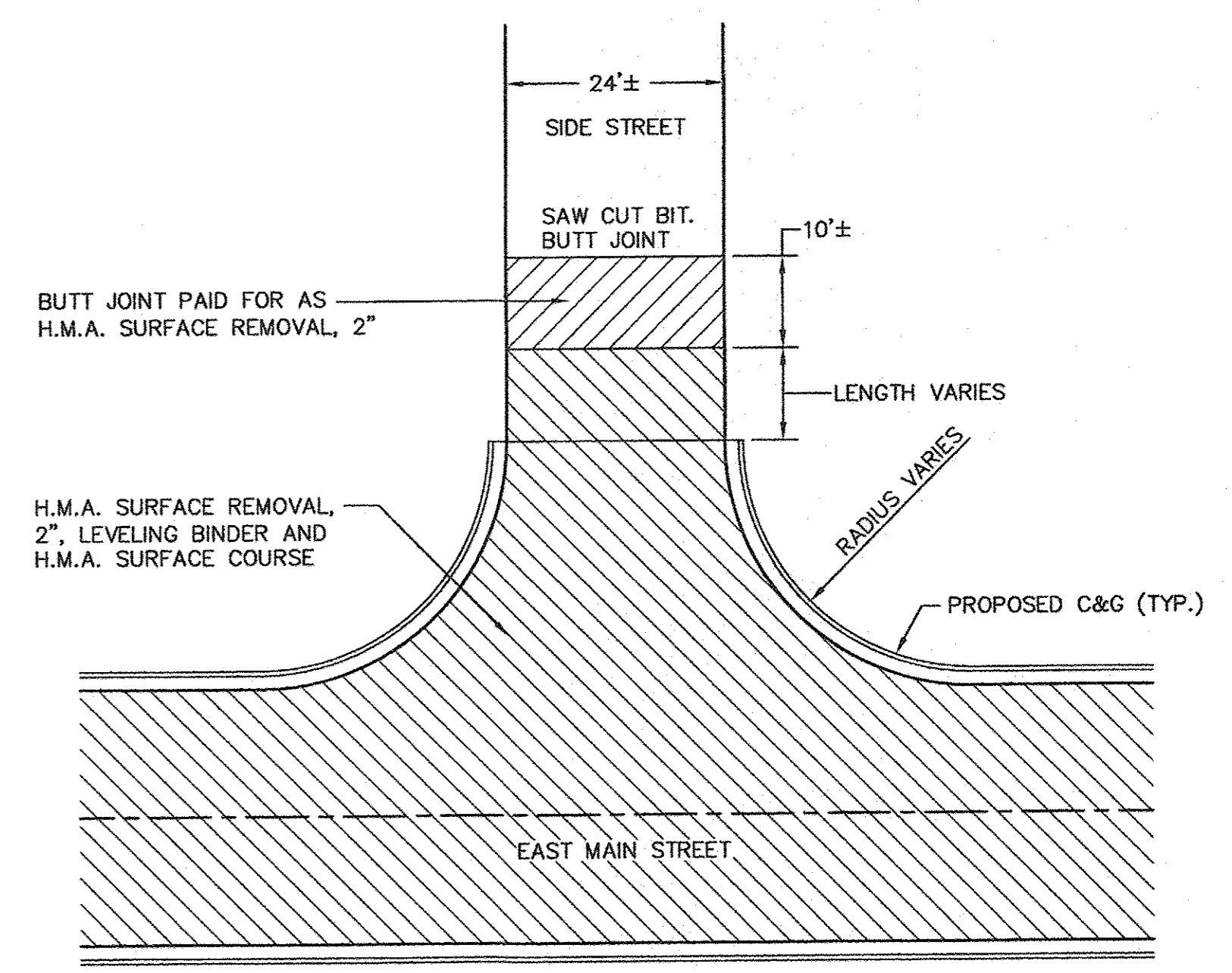
**TYPICAL STORM SEWER TRENCH**



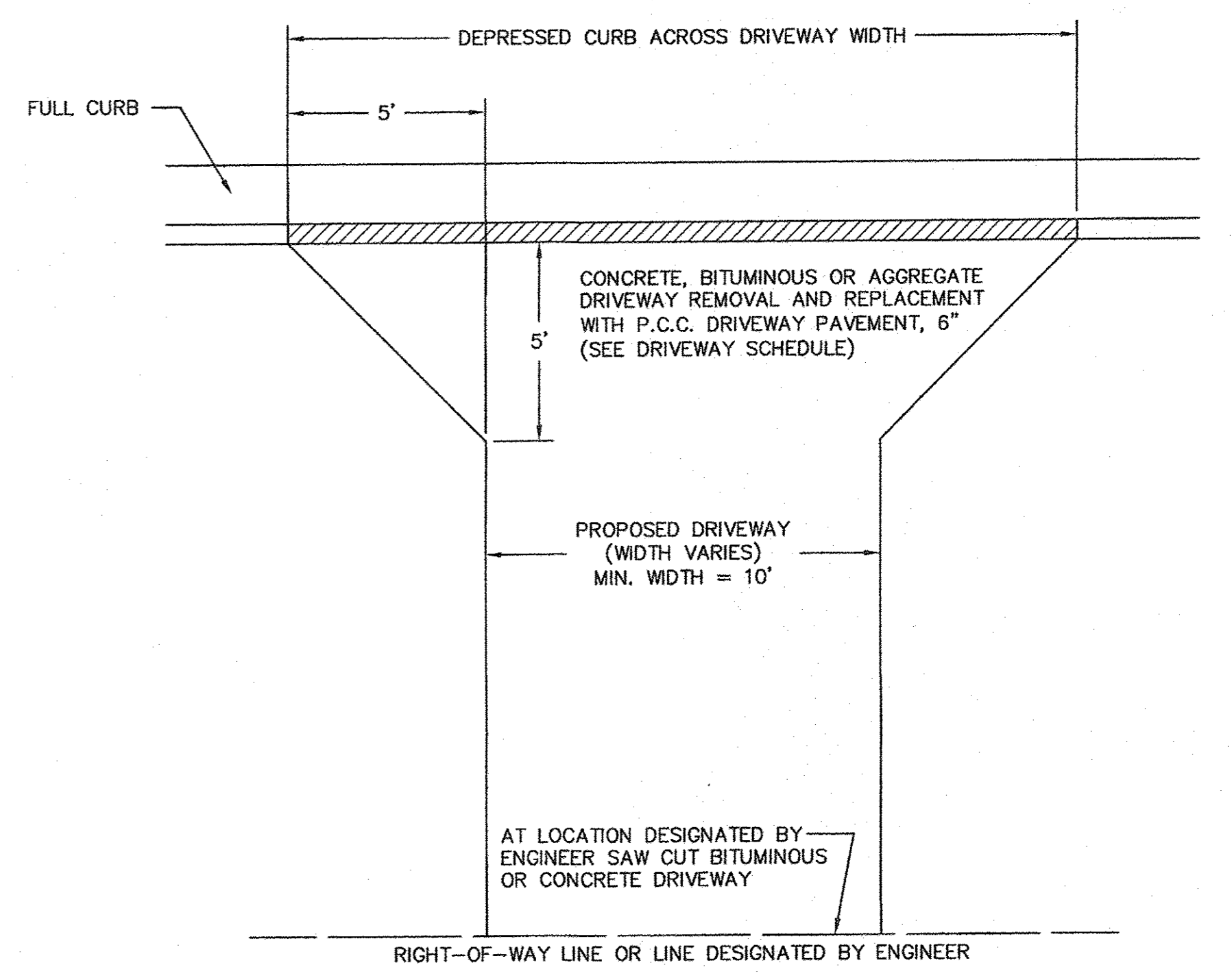
**SECTION A-A**



**SECTION B-B**



**SIDE STREET DETAIL**  
INTERSECTIONS AT INDIANA AVE, 16TH ST & SUNSET DRIVE  
(NOT TO SCALE)



**PROPOSED TYPICAL DRIVEWAY DETAIL**  
(NOT TO SCALE)

DRAWN BY: D.E.Z.  
DESIGNED BY: R.P.B.  
HORIZONTAL SCALE: N/A  
VERTICAL SCALE: N/A

EAST MAIN STREET F.A.U. PROJECT  
IN THE CITY OF MENDOTA, ILLINOIS

TYPICAL SECTIONS & DETAILS

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
1714 FOURTH STREET, BOX 3 MAIN STREET  
PERU, ILLINOIS 61354 MENDOTA, ILLINOIS 61342  
TELEPHONE: (815) 224-8500 TELEPHONE: (815) 538-8137  
FAX: (815) 224-8575 FAX: (815) 538-8149  
PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365 E-MAIL ADDRESS - AEA@AEAINC1.COM

Contract # 87652  
DATE: MAR. 2017  
SHEET: 2 OF: 20  
Autocad DRAWING: DETAILS.DWG  
PROJECT NO.: MEND1606



CONSTRUCTION TYPE CODE: 0004

SUMMARY OF QUANTITIES

Table with columns: PAY ITEM NO., PAY ITEM, QTY., UNIT. Lists various construction items like tree removal, excavation, paving, and manholes.

Δ SPECIAL PROVISIONS

\* SPECIALTY ITEMS

SIDEWALK REMOVAL table with columns: LOCATION, AREA (SQ FT). Lists sidewalk removal at various stationing points.

DETECTABLE WARNINGS table with columns: LOCATION, AREA (SQ FT). Lists detectable warnings at various stationing points.

WATER VALVES TO BE ADJUSTED table with columns: LOCATION, EACH. Lists water valves to be adjusted at various stationing points.

DRIVEWAY SCHEDULE OF QUANTITIES

Table with columns: LOCATION, DRIVEWAY REMOVAL (SQ YD), P.C.C. DRIVEWAY PAVEMENT, 6" (SQ YD). Lists driveway removal and paving quantities.

P.C.C. SIDEWALK, 4" table with columns: LOCATION, AREA (SQ FT). Lists P.C.C. sidewalk quantities at various stationing points.

TREE REMOVAL table with columns: LOCATION, 6 TO 15 INCH DIA., 6 TO 15 INCH DIA. Lists tree removal quantities.

REMOVAL, EARTH EXCAVATION (WIDENING), CURB & GUTTER AND P.C.C. BASE COURSE WIDENING

Table with columns: LOCATION, CURB REM., CURB & GUTTER REMOVAL, EARTH EX. (WIDENING), COMB. C & G B-6.18, P.C.C. BASE COURSE WIDENING, 7". Lists various removal and widening quantities.

STRUCTURES TO BE ADJUSTED

Table with columns: LOCATION, MH. TO BE ADJ. (EACH), MH. TO BE ADJ. WITH NEW TY. 1 FR. & CL. LID (EACH), INL. TO BE ADJ. (EACH), INL. TO BE ADJ. WITH NEW TY. 1 FR., OPEN LID ADA (EACH), INL. TO BE ADJ. WITH NEW TY. 3 FR. & GRATE (EACH). Lists structure adjustment quantities.

STORM SEWER AND WATER MAIN SCHEDULE

Table with columns: LOCATION, STORM SEWER, MANHOLES, INLETS TYPE A, INLETS TYPE B, TRENCH BACKFILL, P.C.C. BASE COURSE, 7". Lists storm sewer and water main schedule items.

PAVEMENT MARKING

Table with columns: LOCATION, 6" (FOOT), 12" (FOOT), 24" (FOOT). Lists pavement marking quantities.

Table with columns: DRAWN BY: D.E.Z., HORIZONTAL SCALE: N/A, DESIGNED BY: R.P.B., VERTICAL SCALE: N/A.

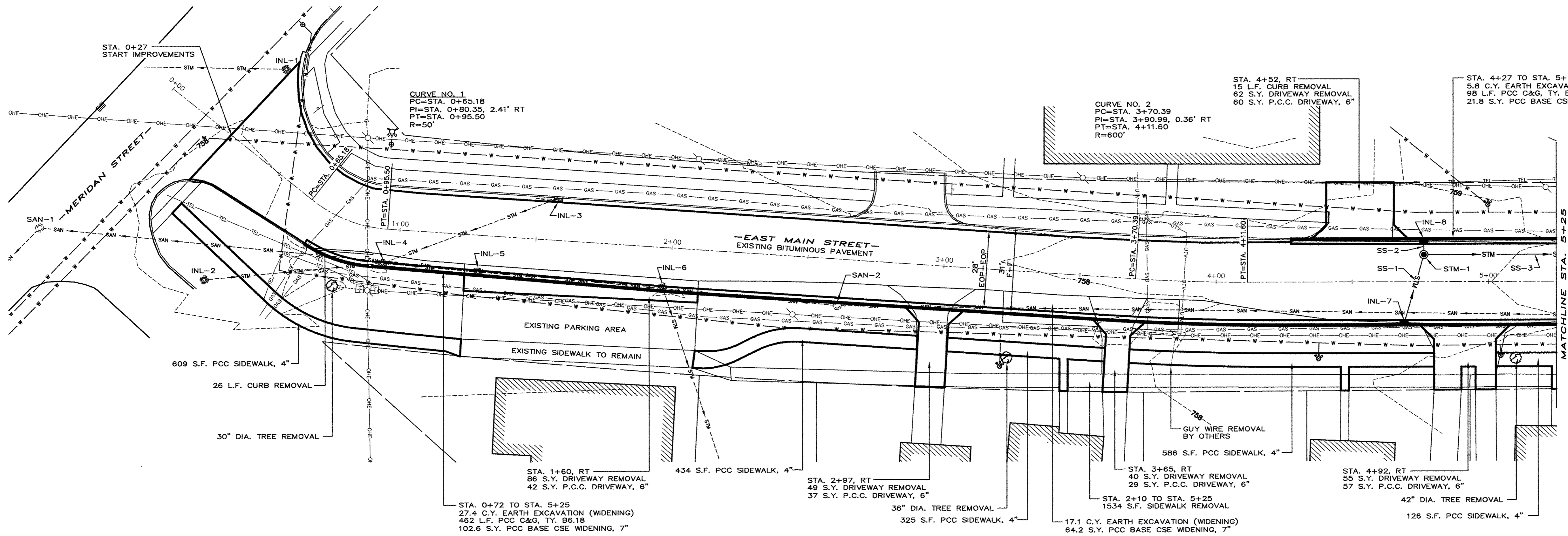
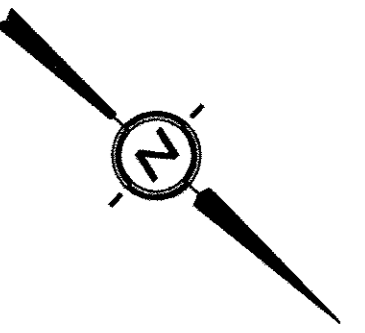
EAST MAIN STREET F.A.U. PROJECT IN THE CITY OF MENDOTA, ILLINOIS

SUMMARY OF QUANTITIES & SCHEDULE OF QUANTITIES

ADVANCED ENGINEERING ASSOCIATES, INC. logo and contact information.

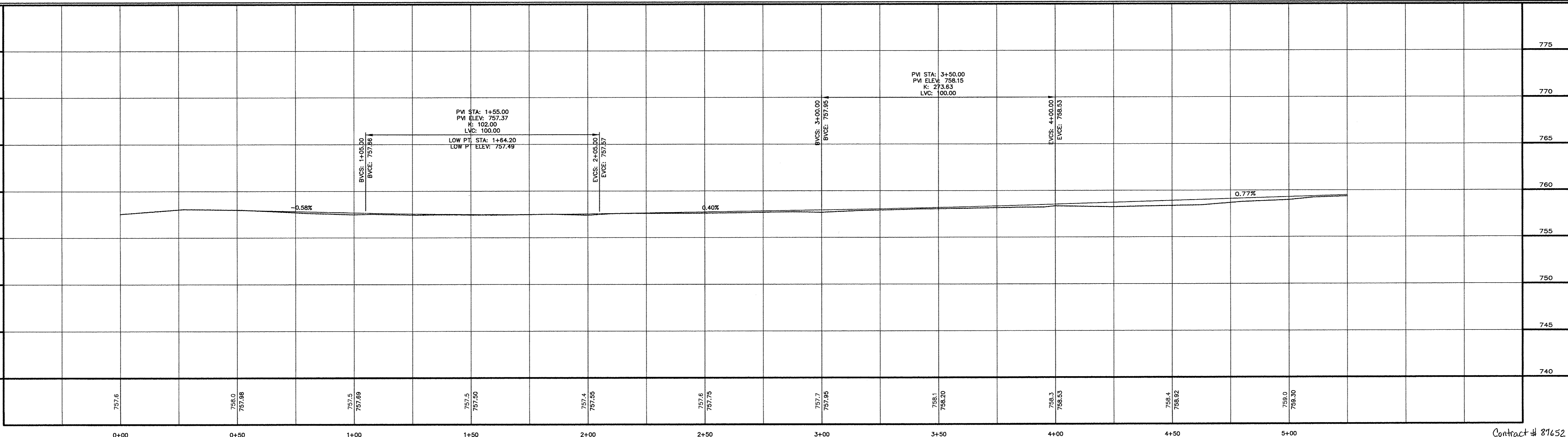
Contract # 87652 DATE: MAR. 2017 SHEET: 3 OF: 20 AutoCAD DRAWING: QUANTITIES.DWG PROJECT NO.: MEND1606





NOTE:  
GRAVEL PARKING AREAS TO BE EXCAVATED  
FOR 4\"' OF TOPSOIL, IF REQUIRED.  
(INCIDENTAL TO TOPSOIL PLACEMENT)

- |  |   |  |   |   |   |  |   |   |  |  |  |  |  |
|--|---|--|---|---|---|--|---|---|--|--|--|--|--|
| SAN-1<br>EX SAN MH<br>RIM=756.93<br>INV=747.56 | SAN-2<br>EX SAN MH<br>RIM=757.42<br>INV=749.9 | STM-1<br>STA. 4+76, 10' LT.<br>MH TY. A, 4' DIA. W/FLAT<br>SLAB TOP & TY. 1 F. &<br>CL. LID<br>RIM=758.92<br>INV(N)=755.90<br>INV(E)=756.00<br>INV(W)=756.00 | INL-1<br>EX INLET<br>RIM=757.78<br>INV=753.18 | INL-2<br>EX INLET<br>RIM=757.91<br>INV=753.91 | INL-3<br>EX INLET<br>EOP=757.20<br>INV=754.49 | INL-4<br>INLET TO BE<br>ADJUSTED<br>W/TY. 3 F. & G.<br>RIM=756.93<br>PROP EOP=757.40<br>INV=753.53 | INL-5<br>INLET TO BE<br>ADJUSTED<br>RIM=757.24<br>PROP EOP=757.24<br>INV=753.81 | INL-6<br>INLET TO BE<br>ADJUSTED<br>RIM=757.19<br>PROP EOP=757.00<br>INV=752.84 | INL-7<br>STA. 4+70, 15' RT.<br>INLET TY. A, W/TY. 3 F.<br>& G.<br>EOP=758.79<br>INV=756.29 | INL-8<br>STA. 4+76, 15' LT.<br>INLET TY. A, W/TY. 3 F.<br>& G.<br>EOP=758.84<br>INV=756.34 | SS-1<br>25 L.F. STORM SEWER, CL. A,<br>TY. 1, 12\"<br>2.9 CU. YD. TRENCH BACKFILL<br>12.8 SQ. YD. BASE CSE | SS-2<br>4 L.F. STORM SEWER, CL. A,<br>TY. 1, 12\"<br>0.1 CU. YD. TRENCH BACKFILL<br>1.5 SQ. YD. BASE CSE | SS-3<br>123 L.F. STORM SEWER, CL. A,<br>TY. 1, 12\" @ 0.24%<br>25.8 CU. YD. TRENCH BACKFILL<br>67.6 SQ. YD. BASE CSE |
|--|---|--|---|---|---|--|---|---|--|--|--|--|--|



DRAWN BY: D.E.Z.  
DESIGNED BY: E.H.K.  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 5'

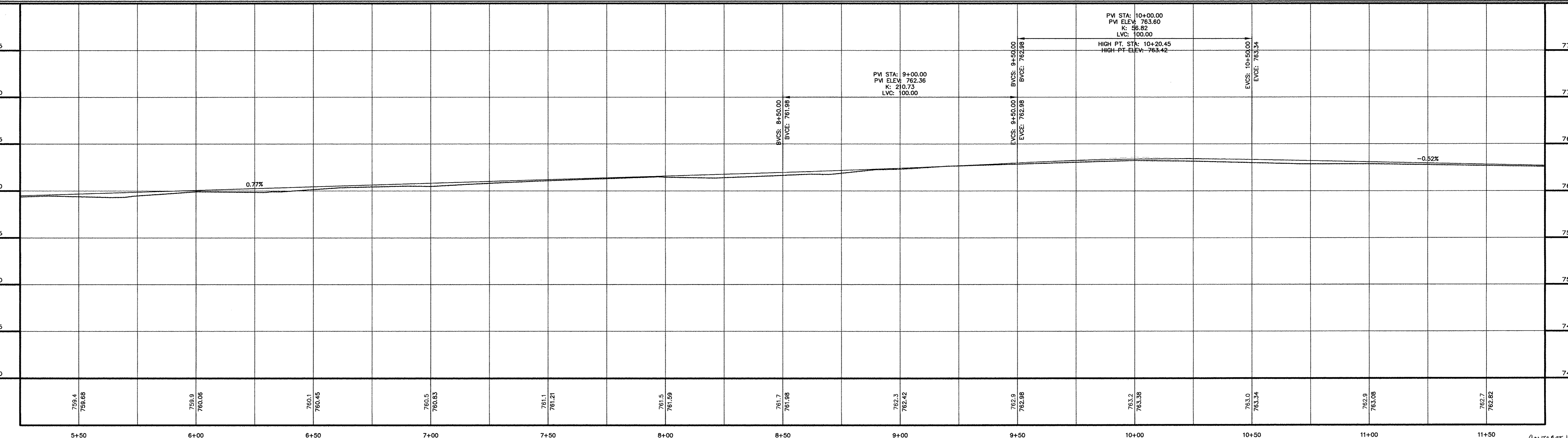
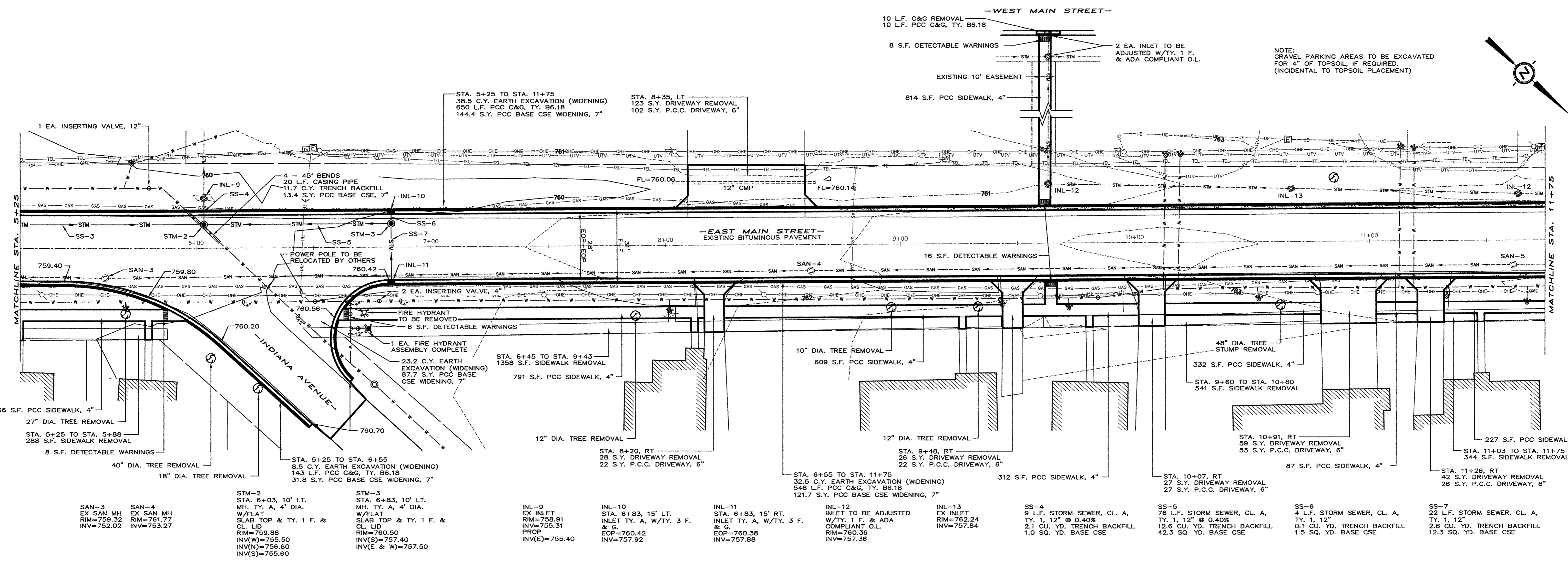
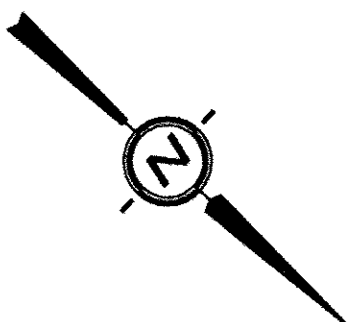
EAST MAIN STREET F.A.U. PROJECT  
IN THE CITY OF MENDOTA, ILLINOIS

PLAN & PROFILE  
STATIONS: 0+00 - 5+25

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
1714 FOURTH STREET 903 MAIN STREET  
PERU, ILLINOIS 61354 MENDOTA, ILLINOIS 61342  
TELEPHONE: (815) 224-8500 TELEPHONE: (815) 539-8137  
FAX: (815) 224-8575 FAX: (815) 539-8149  
PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365 E-MAIL ADDRESS = AEA@AEAINCT.COM

Contract # 27652  
DATE: MAR. 2017  
SHEET: 4 OF: 20  
AutoCAD DRAWING: PXP.DWG  
PROJECT NO.: MEND1606





DRAWN BY: D.E.Z.  
 DESIGNED BY: E.H.K.  
 HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 5'

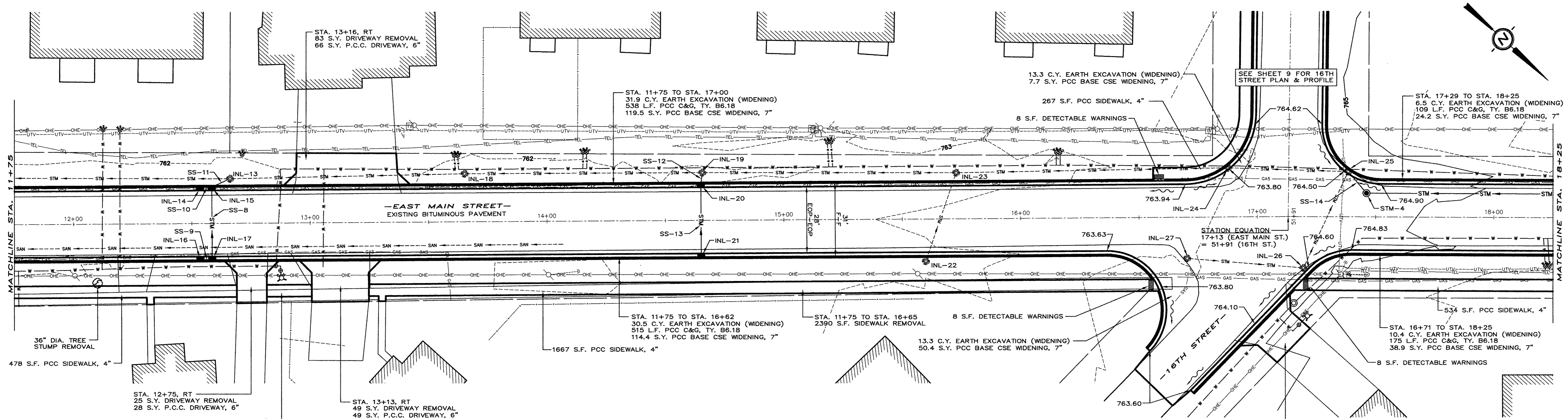
**EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA, ILLINOIS**

**PLAN & PROFILE  
 STATIONS: 5+25 - 11+75**

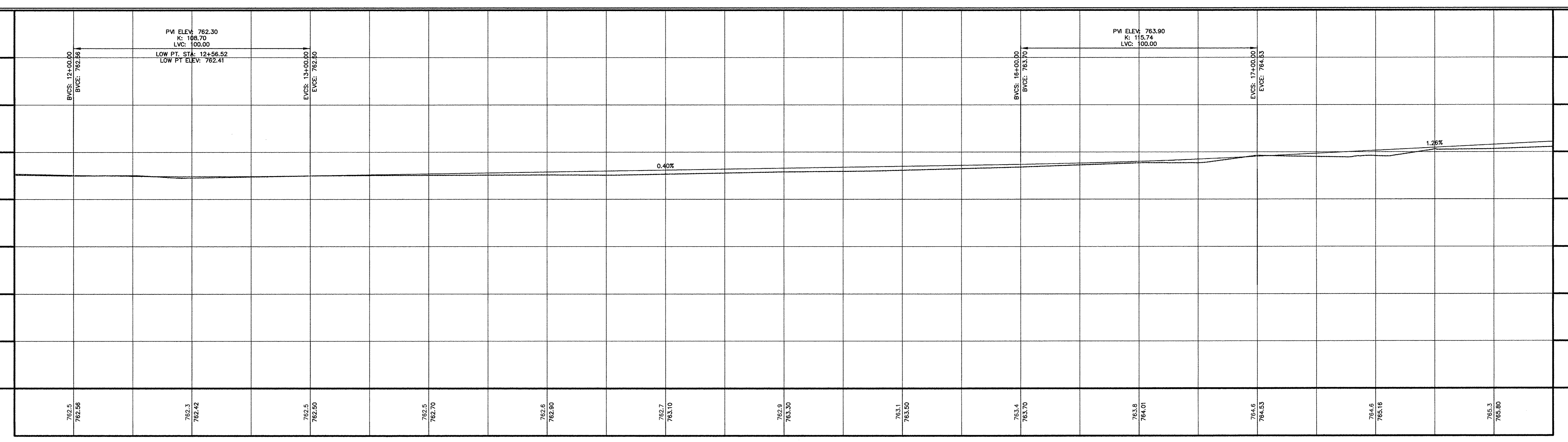
**ADVANCED ENGINEERING ASSOCIATES, INC.**  
 1714 FOURTH STREET, SUITE 203, MAIN STREET  
 PERU, ILLINOIS 61354 | MENDOTA, ILLINOIS 61342  
 TELEPHONE: (815) 224-8200 | TELEPHONE: (815) 539-8137  
 FAX: (815) 224-8575 | FAX: (815) 539-8149  
 PROFESSIONAL DESIGN FIRM LICENSE No. 184-001385 E-MAIL ADDRESS: AEA@AEAINC1.COM

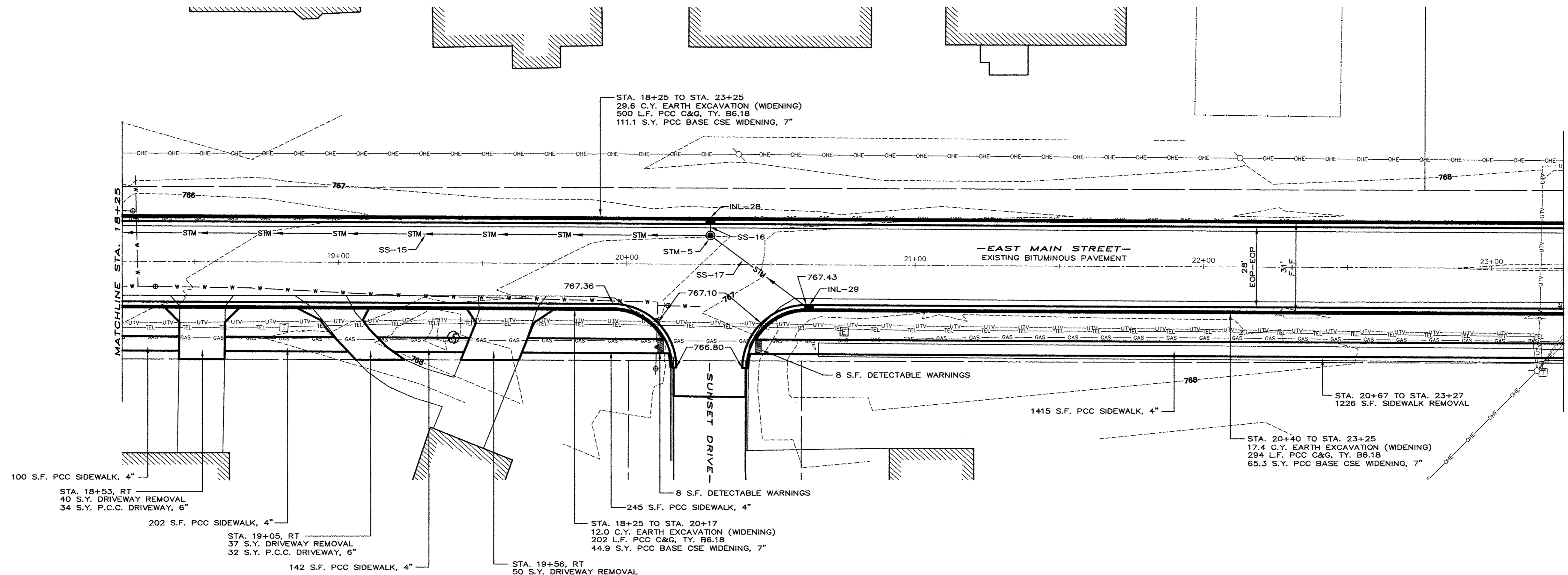
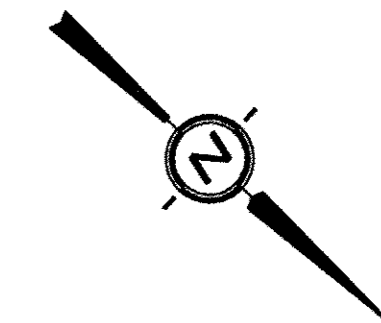
DATE: MAR. 2017  
 SHEET: 5 OF: 20  
 AutoCAD DRAWING: PXP.DWG  
 PROJECT NO.: MEND1606  
 CONTR. ACT # 87152





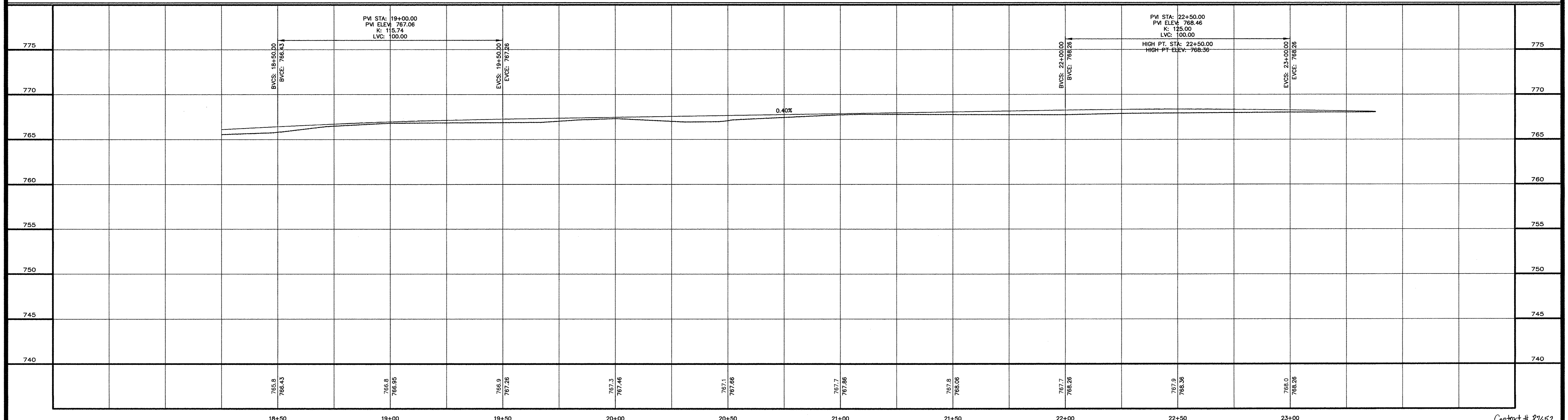
- STA. 11+75 TO STA. 17+00  
31.9 C.Y. EARTH EXCAVATION (WIDENING)  
538 L.F. PCC C&G, TY. B6.18  
119.5 S.Y. PCC BASE CSE WIDENING, 7"
- STA. 11+75 TO STA. 16+62  
30.5 C.Y. EARTH EXCAVATION (WIDENING)  
515 L.F. PCC C&G, TY. B6.18  
114.4 S.Y. PCC BASE CSE WIDENING, 7"
- STA. 11+75 TO STA. 16+65  
2390 S.F. SIDEWALK REMOVAL
- STA. 12+75, RT  
25 S.Y. DRIVEWAY REMOVAL  
28 S.Y. P.C.C. DRIVEWAY, 6"
- STA. 13+13, RT  
49 S.Y. DRIVEWAY REMOVAL  
49 S.Y. P.C.C. DRIVEWAY, 6"
- STA. 13+16, RT  
83 S.Y. DRIVEWAY REMOVAL  
66 S.Y. P.C.C. DRIVEWAY, 6"
- STA. 14+65, 15' LT.  
INLET TY. A, W/TY.  
3 F. & G.  
EOP=762.88  
INV(S)=760.00  
INV(E)=760.10
- STA. 14+65, 15' RT.  
INLET TY. B, W/TY.  
3 F. & G.  
EOP=762.88  
INV(S)=760.00  
INV(E)=760.10
- STA. 14+65, 15' LT.  
INLET TY. A, W/TY.  
3 F. & G.  
EOP=762.88  
INV(S)=760.00  
INV(E)=760.10
- STA. 14+65, 15' RT.  
INLET TY. B, W/TY.  
3 F. & G.  
EOP=762.88  
INV(S)=760.00  
INV(E)=760.10
- STA. 16+71 TO STA. 18+25  
10.4 C.Y. EARTH EXCAVATION (WIDENING)  
175 L.F. PCC C&G, TY. B6.18  
38.9 S.Y. PCC BASE CSE WIDENING, 7"
- STA. 17+29 TO STA. 18+25  
6.5 C.Y. EARTH EXCAVATION (WIDENING)  
109 L.F. PCC C&G, TY. B6.18  
24.2 S.Y. PCC BASE CSE WIDENING, 7"





NOTE:  
GRAVEL PARKING AREAS TO BE EXCAVATED  
FOR 4" OF TOPSOIL, IF REQUIRED.  
(INCIDENTAL TO TOPSOIL PLACEMENT)

- 100 S.F. PCC SIDEWALK, 4"
- STA. 18+53, RT  
40 S.Y. DRIVEWAY REMOVAL  
34 S.Y. P.C.C. DRIVEWAY, 6"
- 202 S.F. PCC SIDEWALK, 4"
- STA. 19+05, RT  
37 S.Y. DRIVEWAY REMOVAL  
32 S.Y. P.C.C. DRIVEWAY, 6"
- 142 S.F. PCC SIDEWALK, 4"
- 245 S.F. PCC SIDEWALK, 4"
- STA. 18+25 TO STA. 20+17  
12.0 C.Y. EARTH EXCAVATION (WIDENING)  
202 L.F. PCC C&G, TY. B6.18  
44.9 S.Y. PCC BASE CSE WIDENING, 7"
- STA. 19+56, RT  
50 S.Y. DRIVEWAY REMOVAL  
42 S.Y. P.C.C. DRIVEWAY, 6"
- STA. 18+25 TO STA. 23+25  
29.6 C.Y. EARTH EXCAVATION (WIDENING)  
500 L.F. PCC C&G, TY. B6.18  
111.1 S.Y. PCC BASE CSE WIDENING, 7"
- 8 S.F. DETECTABLE WARNINGS
- 1415 S.F. PCC SIDEWALK, 4"
- STA. 20+67 TO STA. 23+27  
1226 S.F. SIDEWALK REMOVAL
- STA. 20+40 TO STA. 23+25  
17.4 C.Y. EARTH EXCAVATION (WIDENING)  
294 L.F. PCC C&G, TY. B6.18  
65.3 S.Y. PCC BASE CSE WIDENING, 7"
- STM-5  
STA. 20+29, 10' LT.  
MH, TY. A, 4' DIA. W/FLAT  
SLAB TOP & TY. 1 F. & CL. LID  
RIM=767.38  
INV(S)=764.40  
INV(W)=764.70  
INV(NE)=764.50
- INL-28  
STA. 20+29, 15' LT.  
INLET TY. A, W/TY. 3 F.  
& G.  
EOP=767.30  
INV=764.80
- INL-29  
STA. 20+62, 15' RT.  
INLET TY. A, W/TY. 3 F.  
& G.  
EOP=767.43  
INV=764.93
- SS-15  
278 L.F. STORM SEWER, CL. A,  
TY. 1, 12" @ 0.71%  
59.1 CU. YD. TRENCH BACKFILL  
150.9 SQ. YD. BASE CSE
- SS-16  
4 L.F. STORM SEWER, CL. A,  
TY. 1, 12"  
0.1 CU. YD. TRENCH BACKFILL  
1.5 SQ. YD. BASE CSE
- SS-17  
40 L.F. STORM SEWER, CL. A,  
TY. 1, 12"  
4.9 CU. YD. TRENCH BACKFILL  
21.0 SQ. YD. BASE CSE



DRAWN BY: D.E.Z.  
DESIGNED BY: E.H.K.  
HORIZONTAL SCALE: 1" = 20'  
VERTICAL SCALE: 1" = 5'

**EAST MAIN STREET F.A.U. PROJECT  
IN THE CITY OF MENDOTA, ILLINOIS**

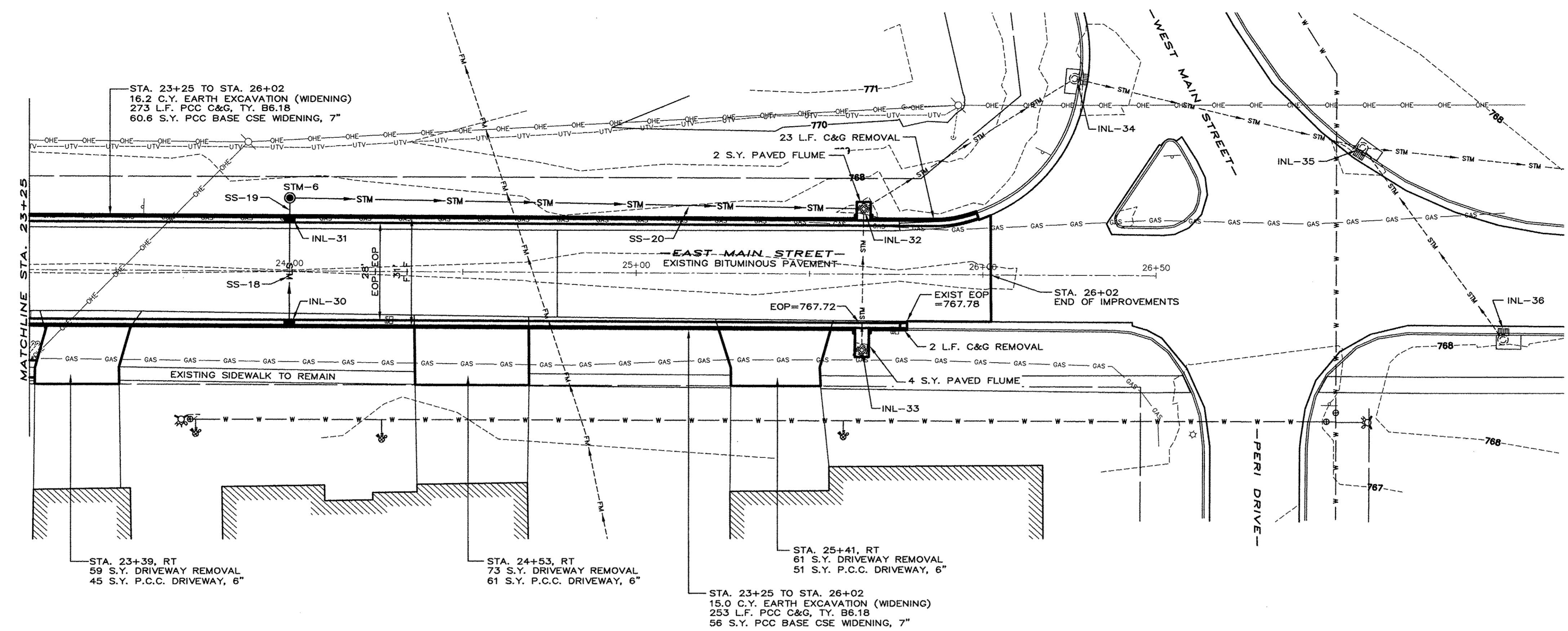
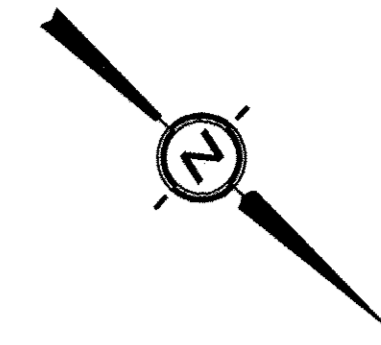
**PLAN & PROFILE  
STATIONS: 18+25 - 23+25**

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
1714 FOURTH STREET, PERU, ILLINOIS 61354  
TELEPHONE: (815) 224-8500 FAX: (815) 224-8575  
903 MAIN STREET, MENDOTA, ILLINOIS 61342  
TELEPHONE: (815) 539-8137 FAX: (815) 539-8149  
PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365 E-MAIL ADDRESS = AEA@AEAING1.COM

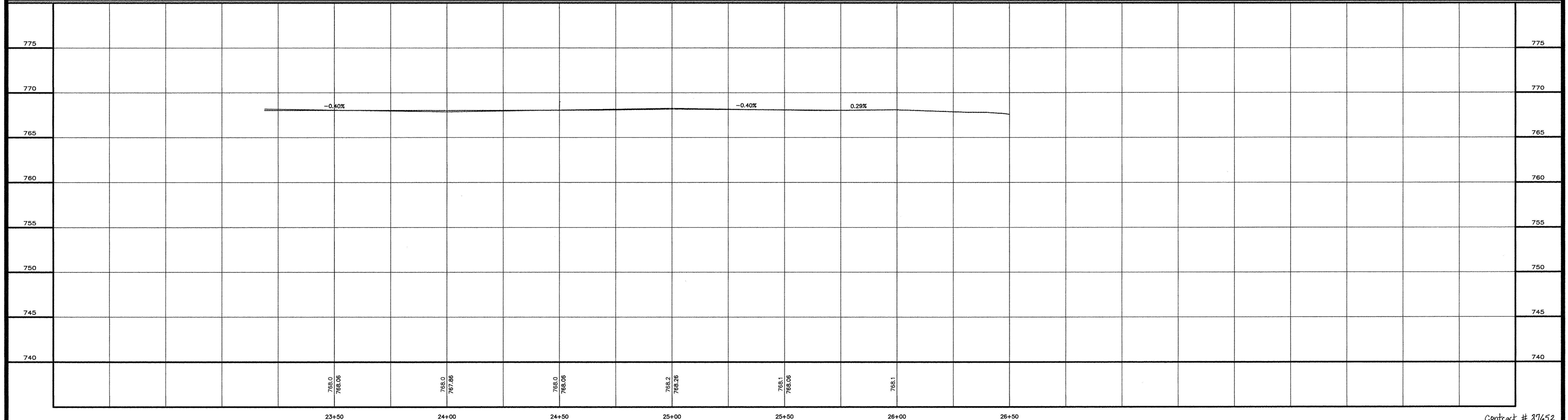
DATE: MAR. 2017 SHEET: 7 OF: 20  
AutoCAD DRAWING: PXP.COM  
PROJECT NO.: MEND1606

Contract # 87652

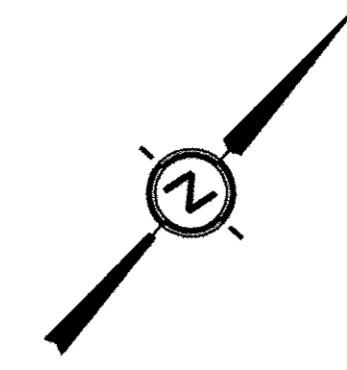
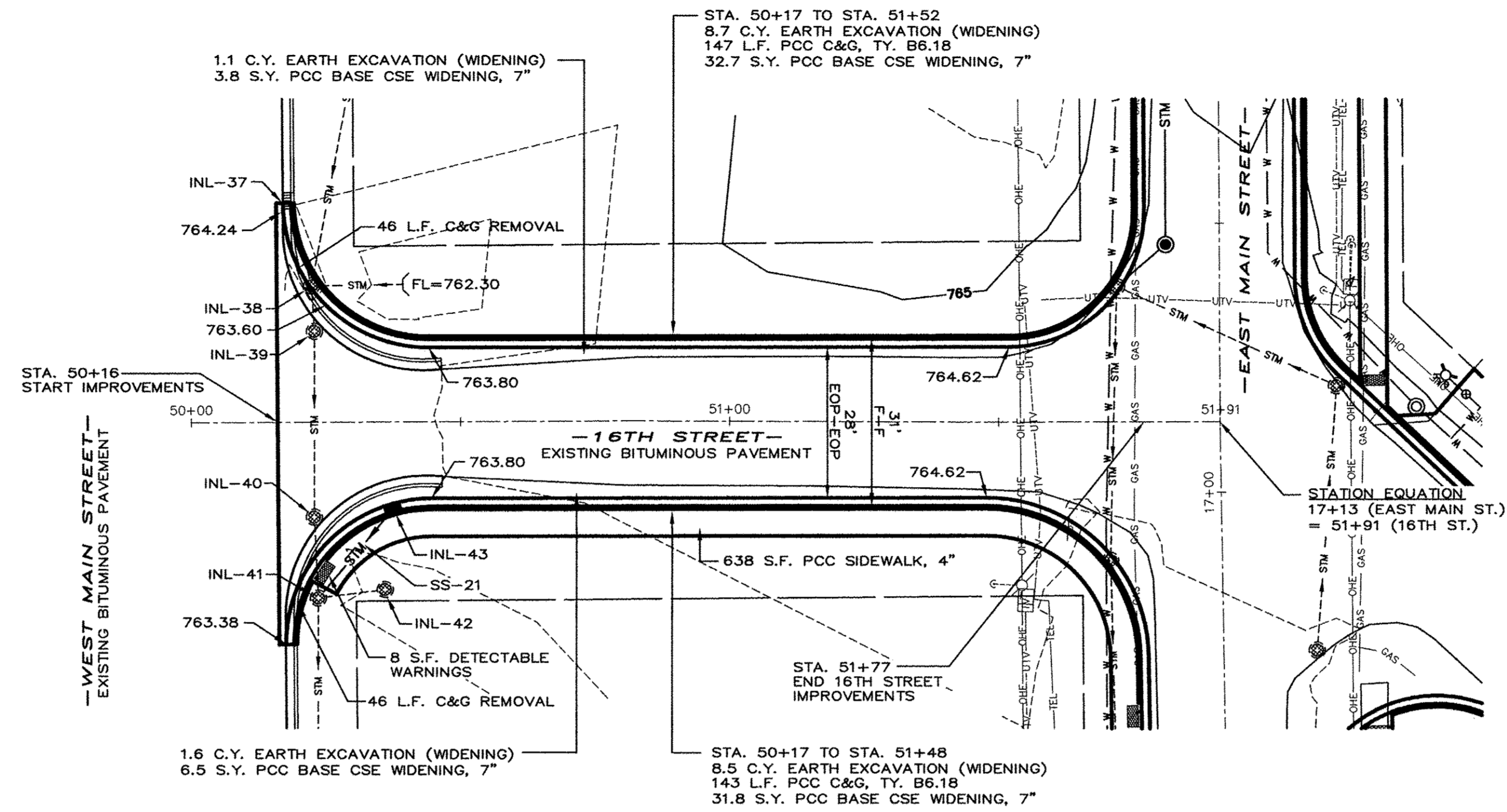




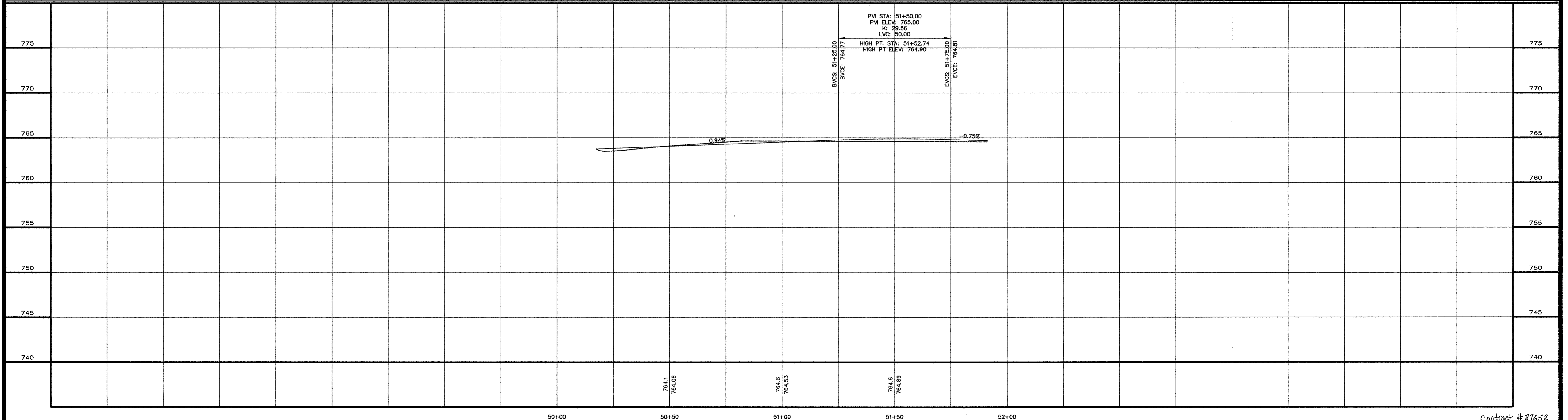
- STM-6  
STA. 24+00, 21' LT.  
MH: TY. A, 4' DIA. W/FLAT  
SLAB TOP & TY. 1 F. & CL. LID  
RIM=768.20  
INV(N)=764.60  
INV(E)=764.70
- INL-30  
STA. 24+00, 15' RT.  
INLET TY. A, W/TY. 3 F. & G.  
EOP=767.66  
INV=765.18
- INL-31  
STA. 24+00, 15' LT.  
INLET TY. B, W/TY. 3 F. & G.  
EOP=767.68  
INV(W)=764.90  
INV(E)=764.80
- INL-32  
ADJUST INLET  
RIM=766.60  
PROP INV=763.7
- INL-33  
ADJUST INLET  
RIM=766.53  
INV=764.10
- INL-34  
EX INLET  
RIM=767.36  
EOP=766.41  
INV=762.76
- INL-35  
EX INLET  
RIM=767.41  
EOP=766.49  
INV=762.16
- INL-36  
EX INLET  
RIM=767.91  
EOP=767.02
- SS-18  
28 L.F. STORM SEWER, CL. A,  
TY. 1, 12"  
3.4 CU. YD. TRENCH BACKFILL  
12.3 SQ. YD. BASE CSE
- SS-19  
4 L.F. STORM SEWER,  
CL. A, TY. 1, 12"
- SS-20  
162 L.F. STORM SEWER,  
CL. A, TY. 1, 12" @ 0.56%








INL-37 EX INLET EOP=764.24 INV=761.64	INL-38 ADJUST INLET W/TY. 3 F. & G. RIM=764.33 PROP RIM=736.6 INV=759.98	INL-39 ADJUST INLET RIM=763.69 INV=759.63	INL-40 ADJUST INLET RIM=763.30 INV=758.85	INL-41 ADJUST INLET RIM=763.80 PROP INV=760.00 INV=758.25	INL-42 EX INLET RIM=762.69 INV=759.27	INL-43 STA. 50+38, 16' RT. INLET TY. A, W/TY. 3 F. & G. EOP=763.70 INV=760.20	SS-21 20 L.F. STORM SEWER, CL. A. TY. 1, 12" 2.3 CU. YD. TRENCH BACKFILL
--	---	--	--	---	--	---	---



DRAWN BY: D.E.Z.      HORIZONTAL SCALE: 1" = 20'  
 DESIGNED BY: E.H.K.      VERTICAL SCALE: 1" = 5'

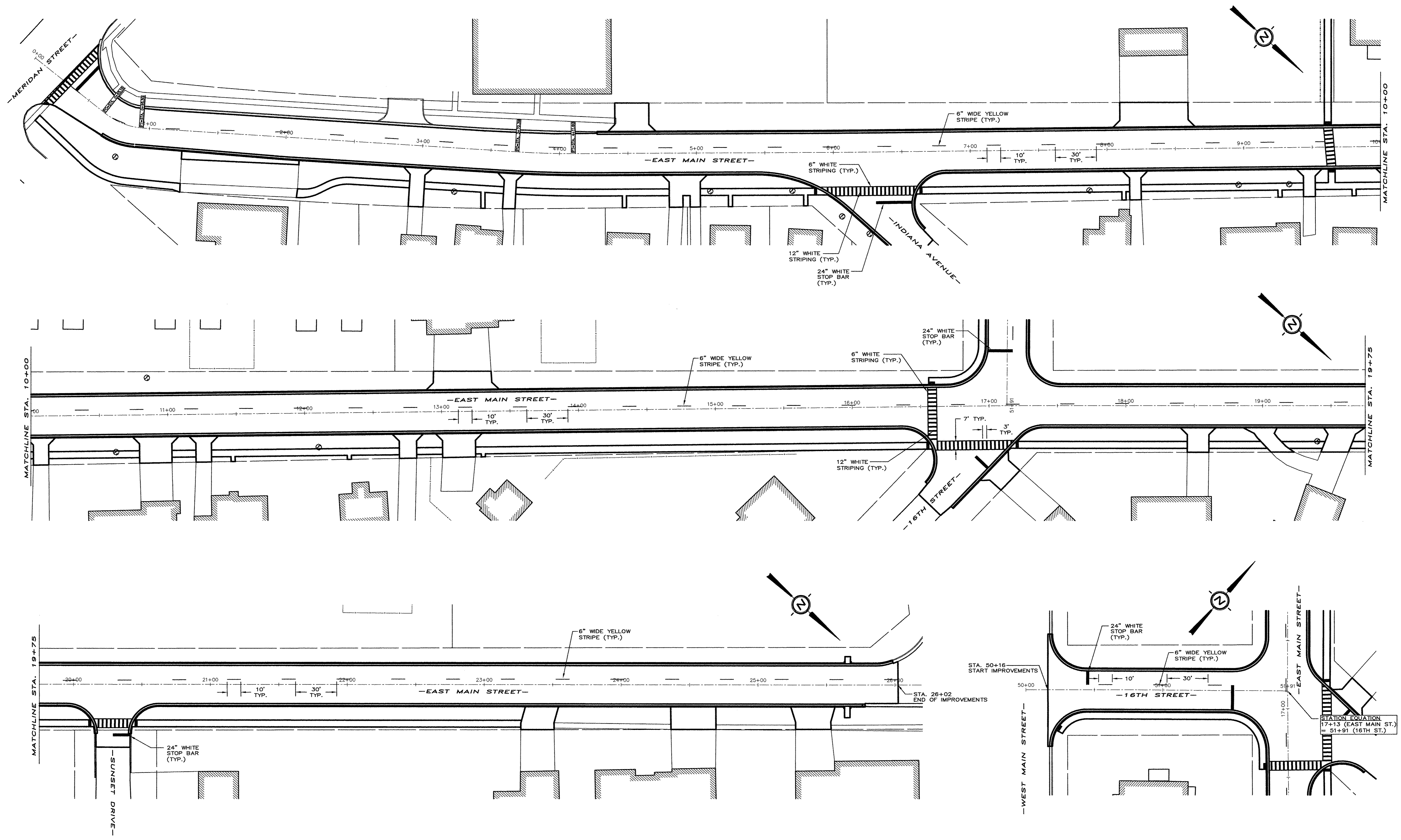
**EAST MAIN STREET F.A.U. PROJECT  
IN THE CITY OF MENDOTA, ILLINOIS**

**PLAN & PROFILE  
STATIONS: 50+00 - 51+91**


**ADVANCED ENGINEERING ASSOCIATES, INC.**  
 1714 FOURTH STREET | 903 MAIN STREET  
 PERU, ILLINOIS 61354 | MENDOTA, ILLINOIS 61342  
 TELEPHONE: (815) 224-8500 | TELEPHONE: (815) 339-8137  
 FAX: (815) 224-8578 | FAX: (815) 339-8149  
 PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365 E-MAIL ADDRESS - AEA@AEAINCT.COM

Contract # 87652  
 DATE: MAR. 2017      SHEET: 9 OF 20  
 AutocAD DRAWING: PXP.DWG  
 PROJECT NO.: MEND1606





DRAWN BY: D.E.Z.  
 DESIGNED BY: E.H.K.  
 HORIZONTAL SCALE: 1" = 30'  
 VERTICAL SCALE: N.A.

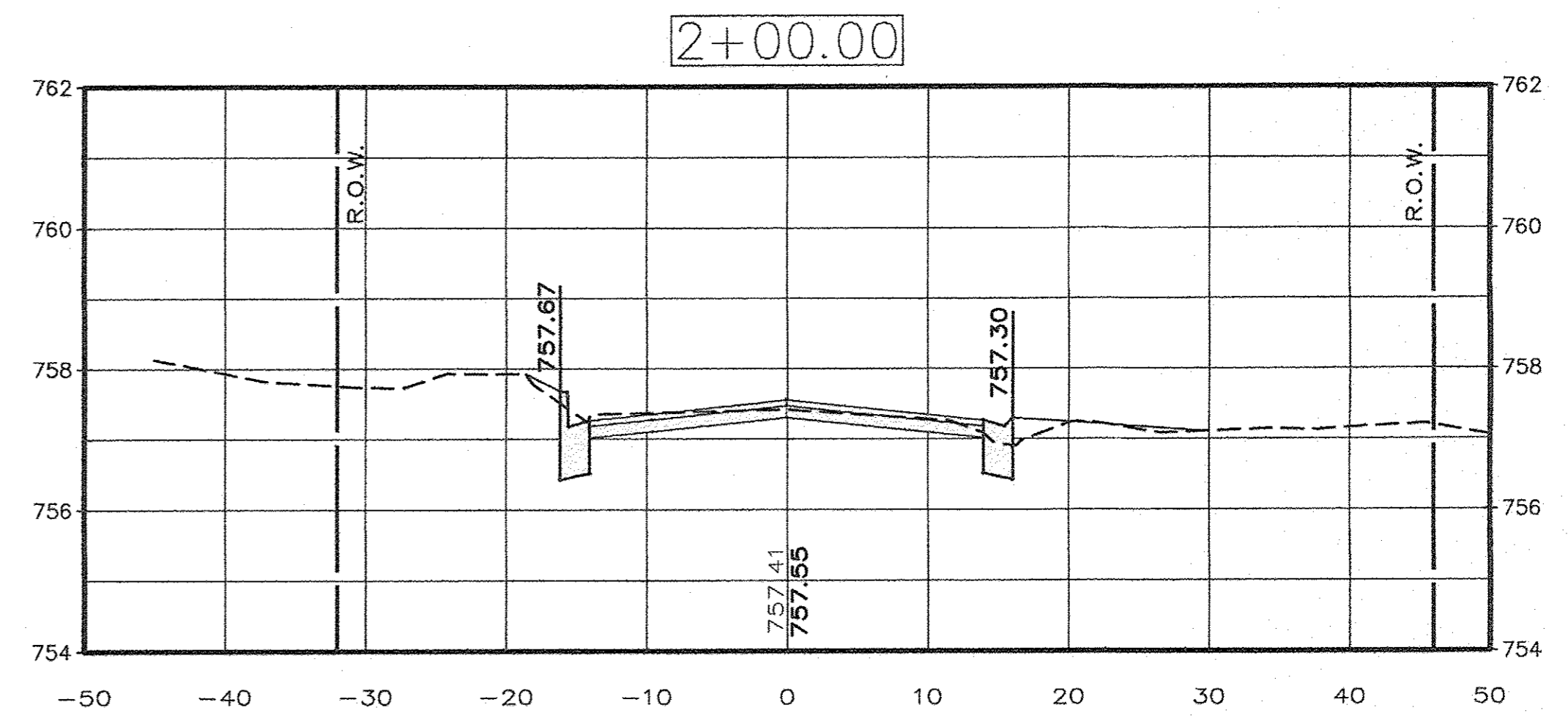
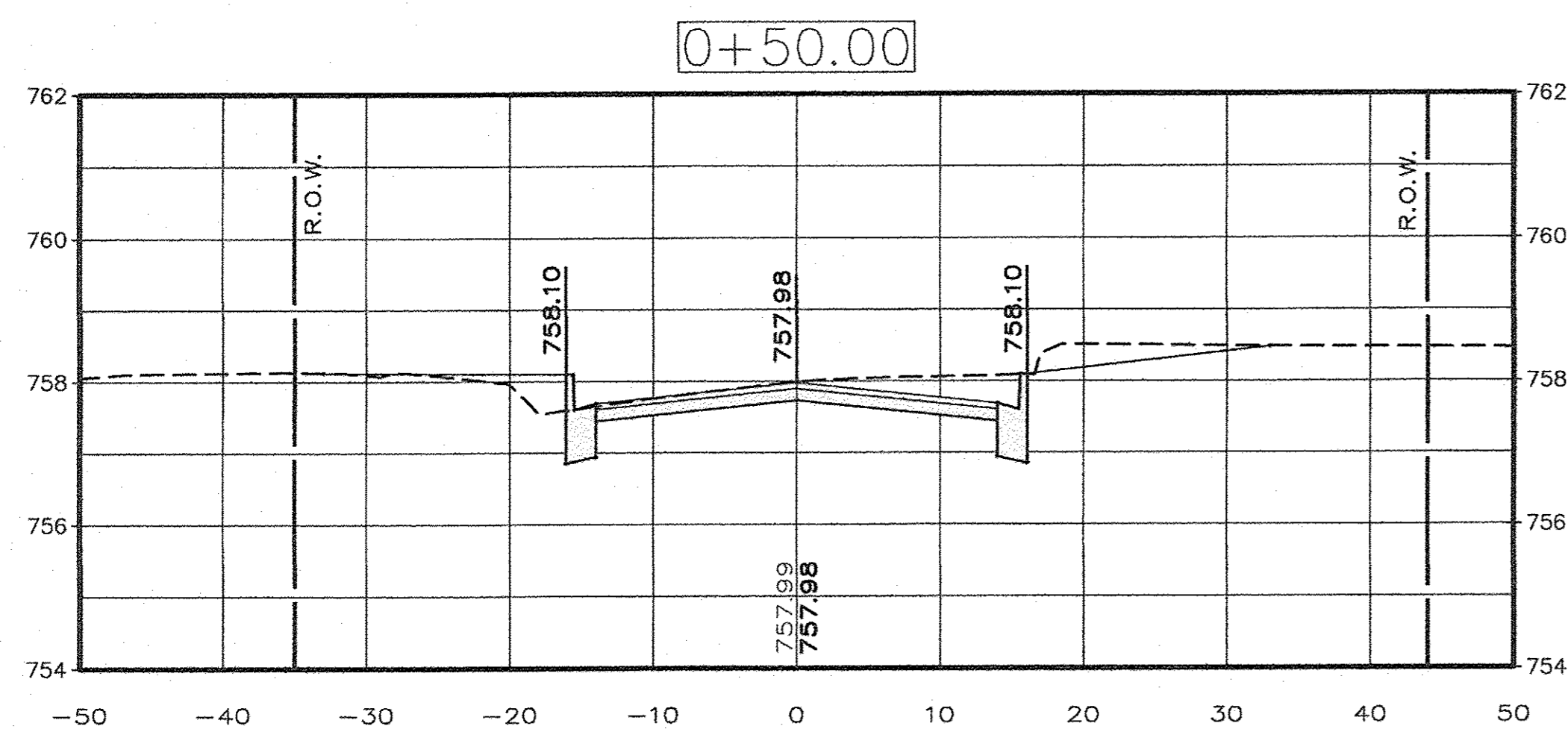
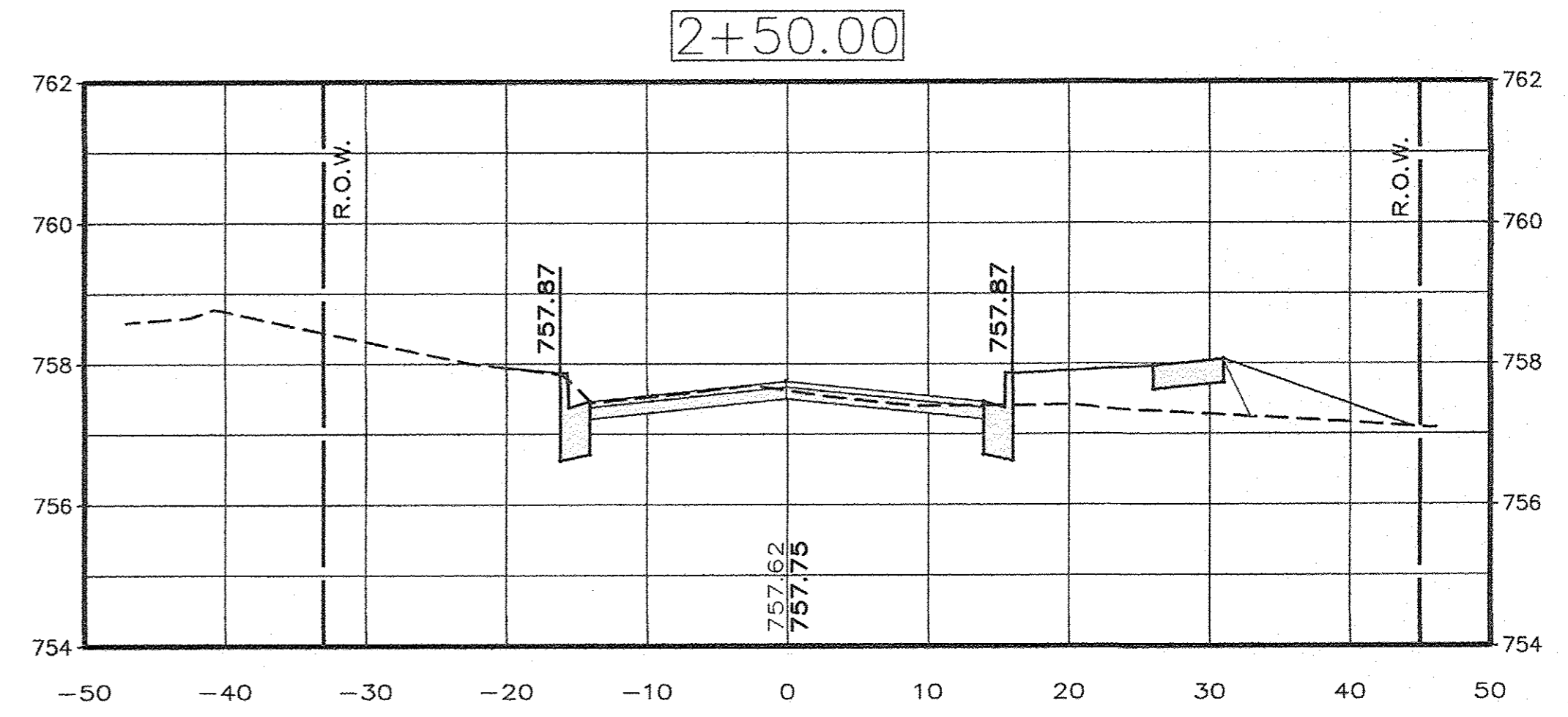
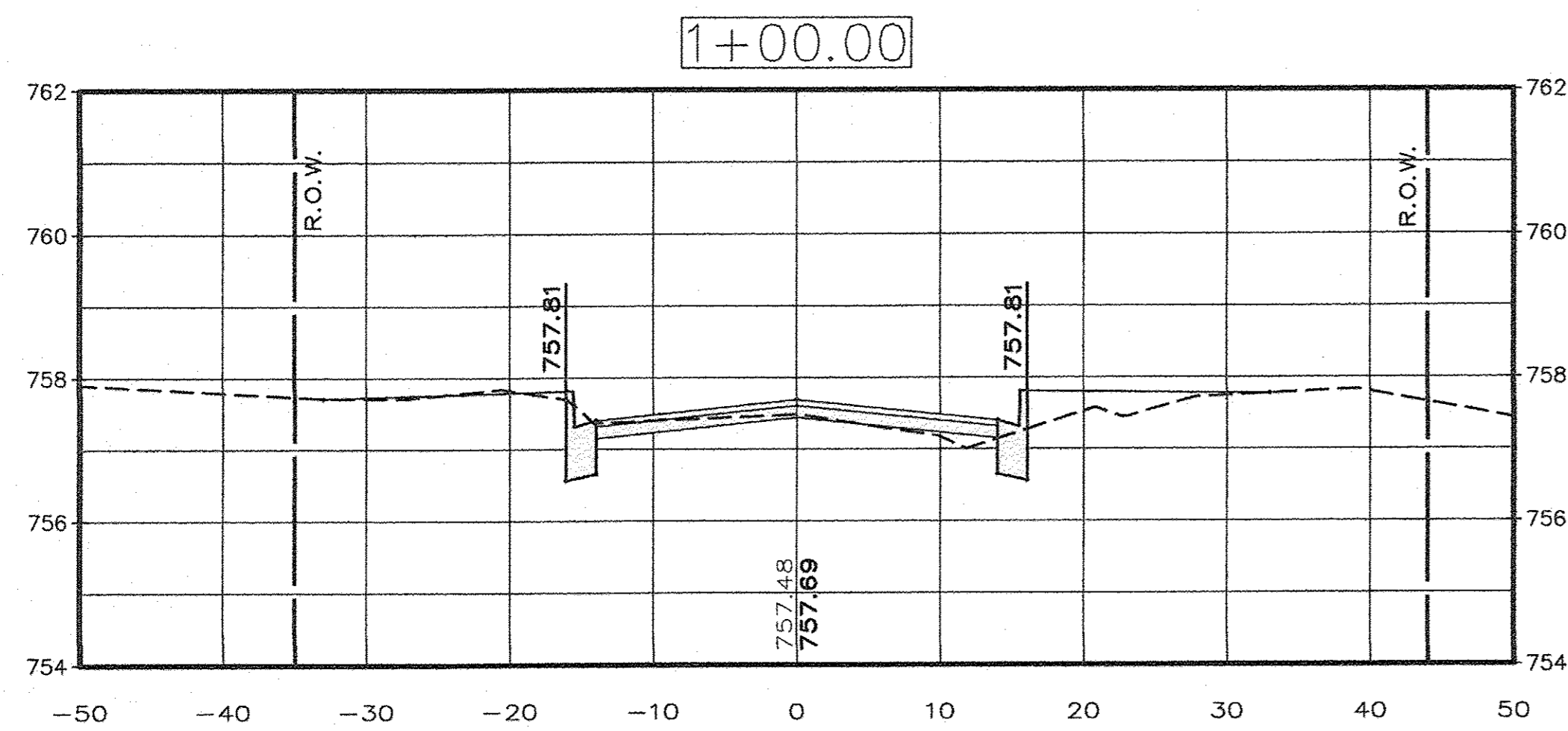
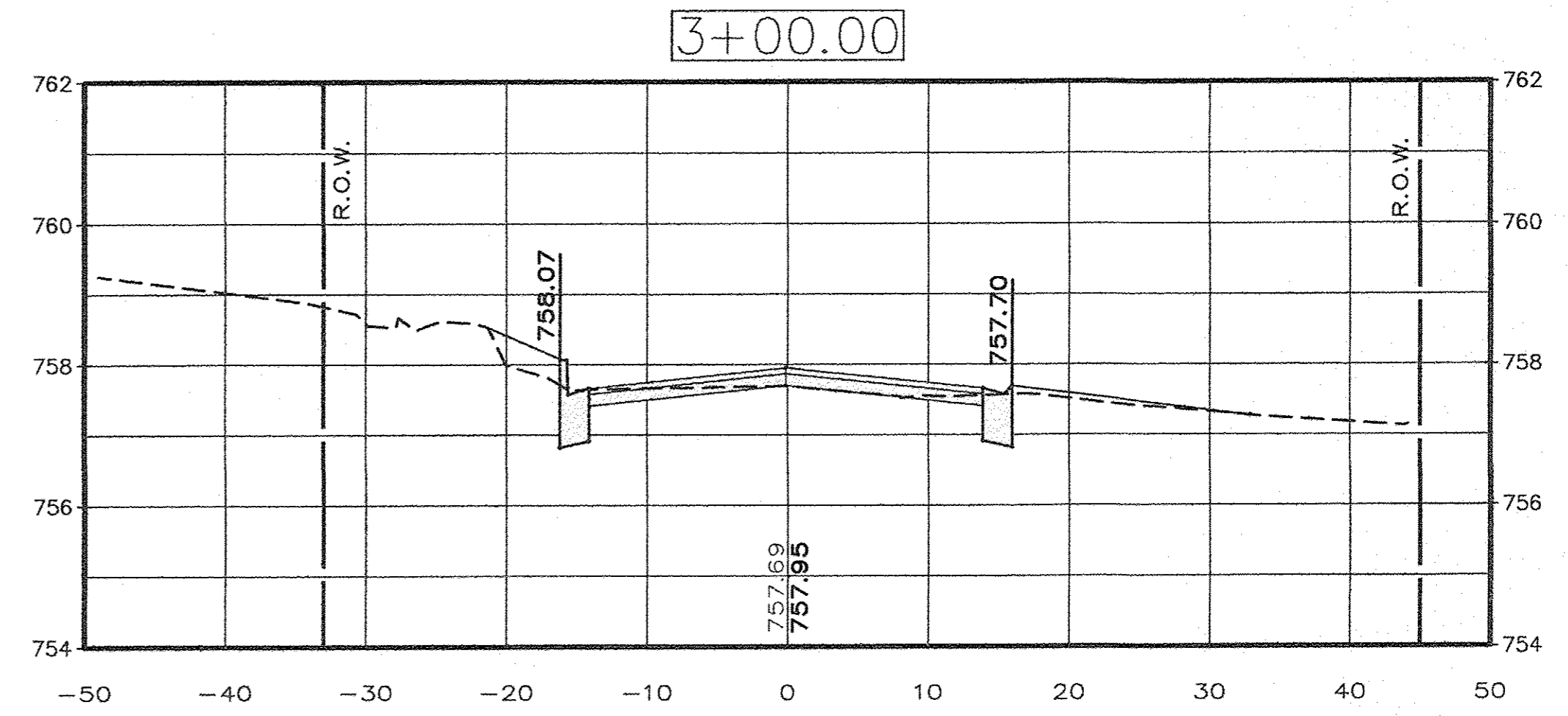
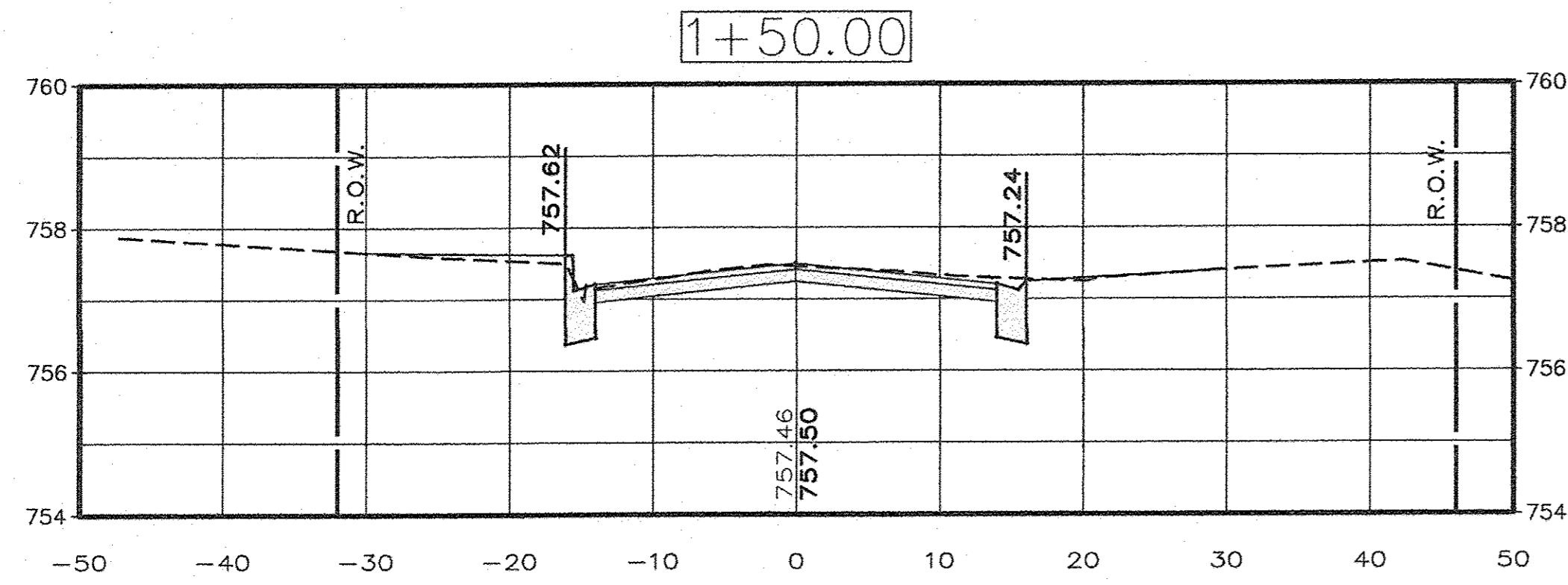
**EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA**

**PAVEMENT MARKING PLAN**

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
 1714 FOURTH STREET PERU, ILLINOIS 61354  
 903 MAIN STREET MENDOTA, ILLINOIS 61342  
 TELEPHONE: (815) 224-8500 TELEPHONE: (815) 539-8137  
 FAX: (815) 224-8573 FAX: (815) 539-8149  
 E-MAIL ADDRESS: AEA@AENET.COM

CONTRACT # 87652  
 DATE: MAR. 2017  
 SHEET: 10 OF: 20  
 PROJECT NO.: MEND1606





DRAWN BY: D.E.Z. HORIZONTAL SCALE: 1" = 10'  
 DESIGNED BY: E.H.K. VERTICAL SCALE: 1" = 2'

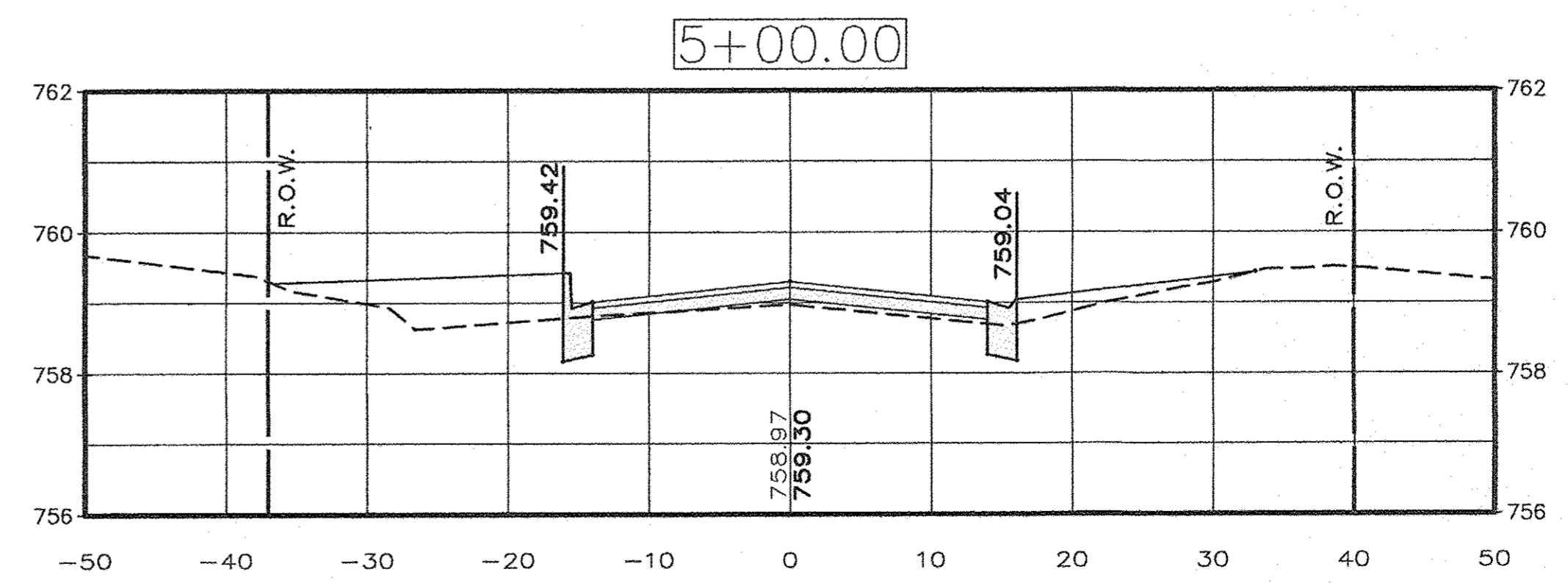
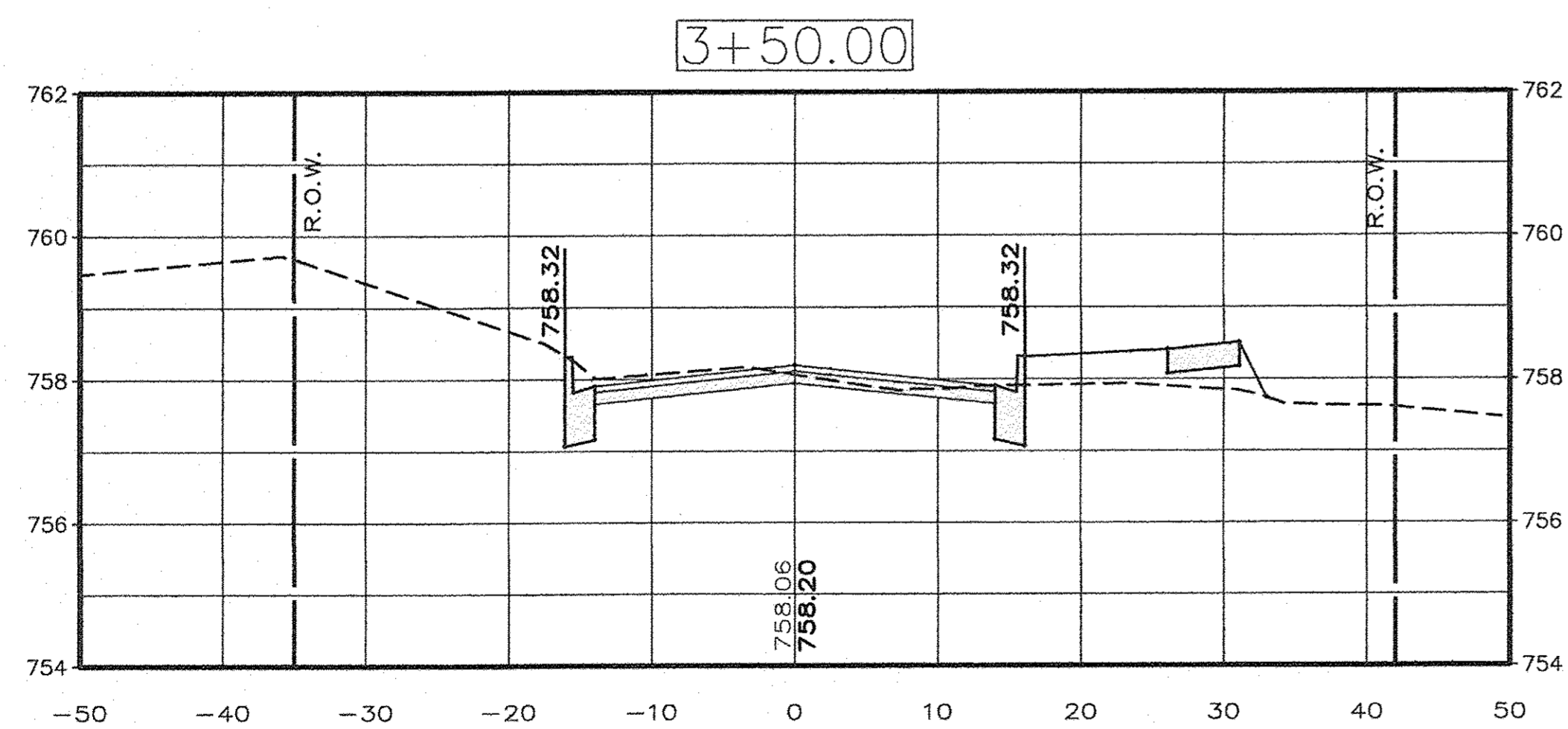
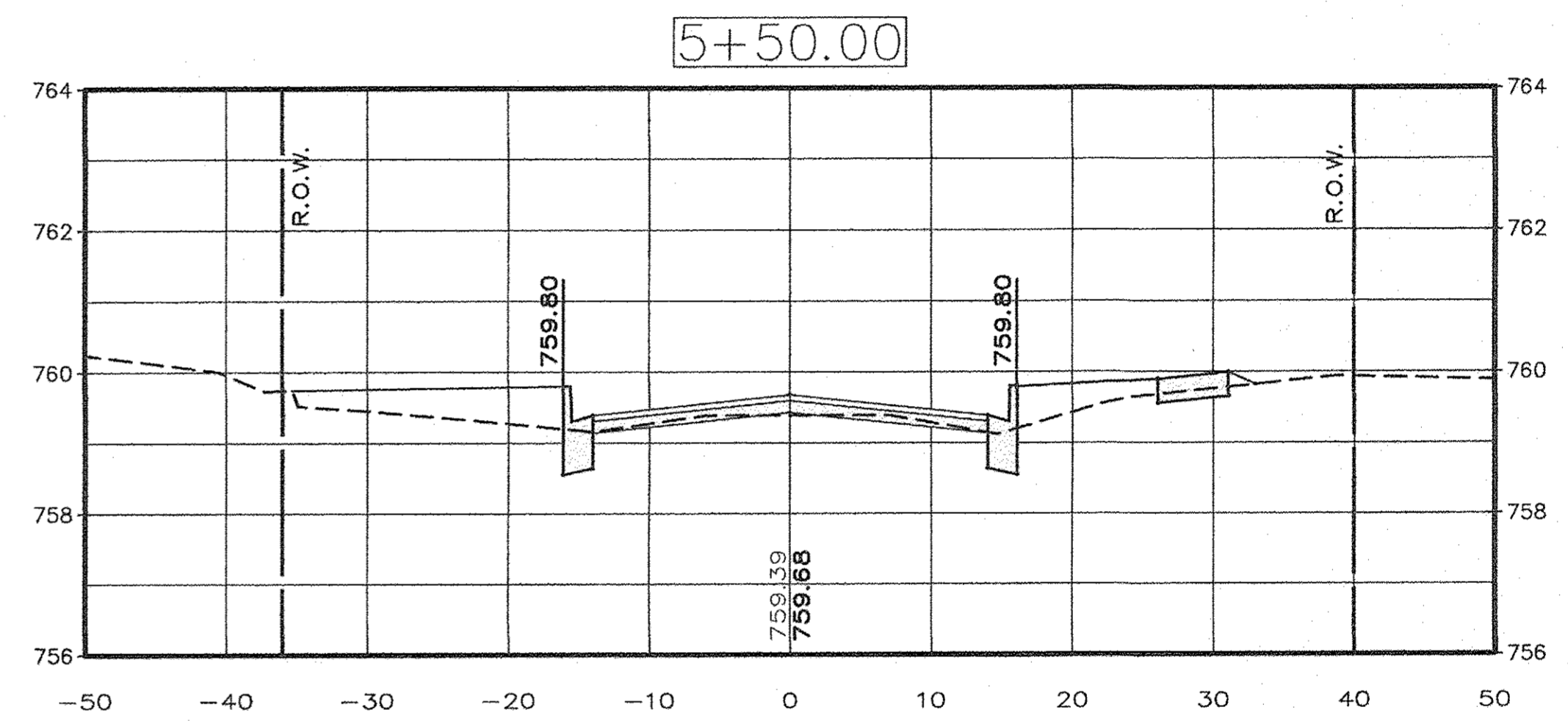
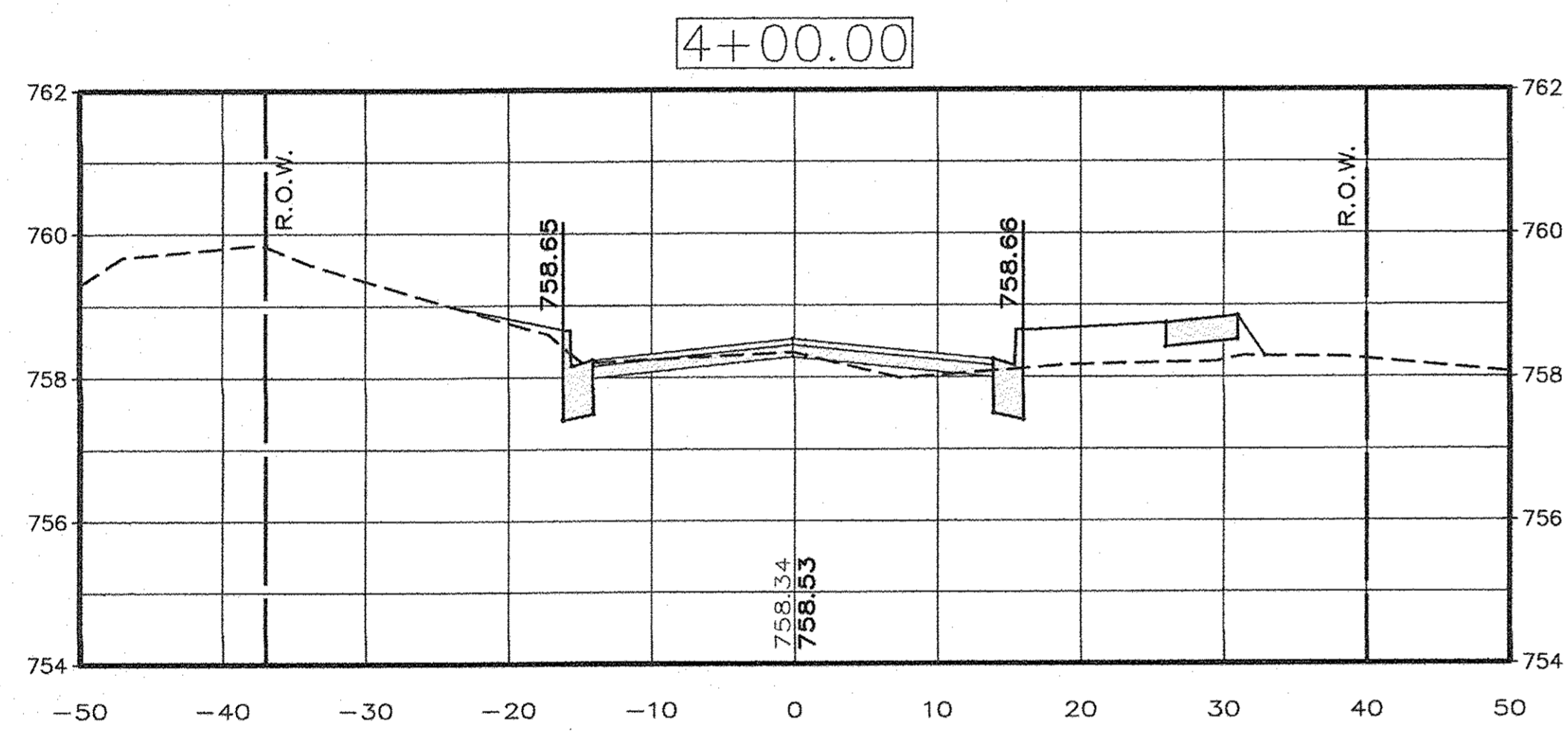
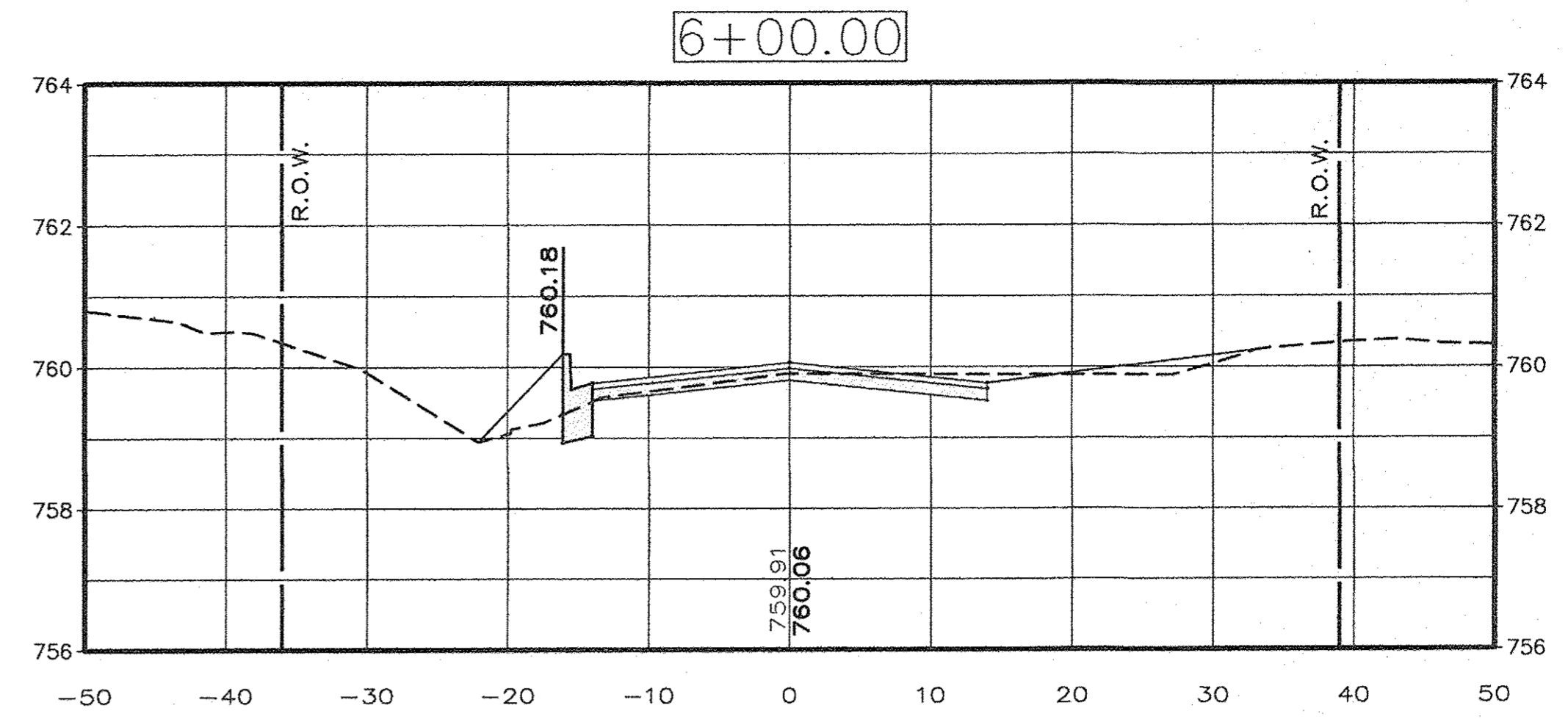
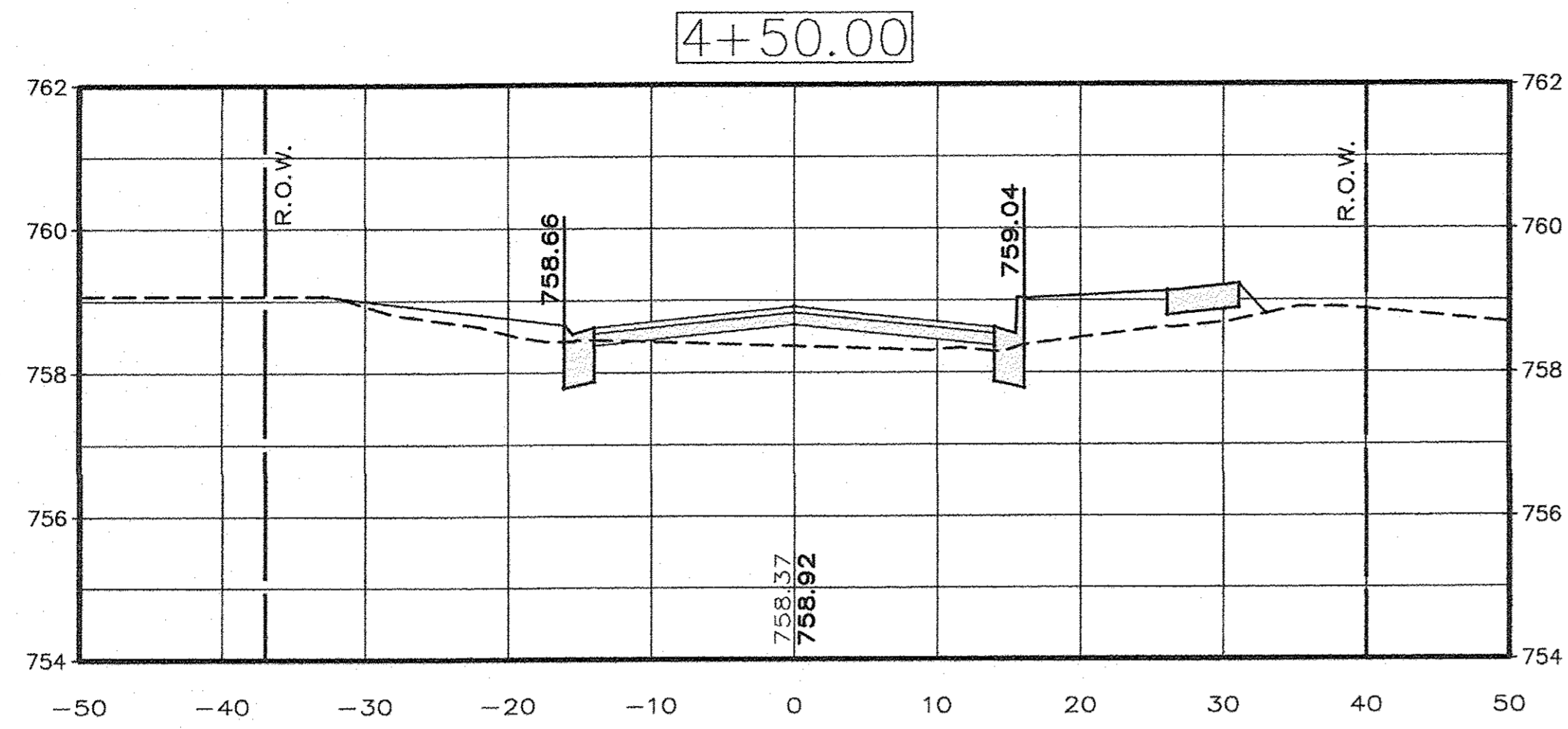
EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA, ILLINOIS

CROSS SECTIONS  
 STATIONS: 0+50 - 3+00

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
 1714 FOURTH STREET, 903 MAIN STREET  
 PERU, ILLINOIS 61354 MENDOTA, ILLINOIS 61342  
 TELEPHONE: (815) 224-8500 TELEPHONE: (815) 239-8137  
 FAX: (815) 224-8575 FAX: (815) 239-8149  
 PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365 E-MAIL ADDRESS: AEA@AEAINC1.COM

Contract # 27652  
 DATE: MAR. 2017 SHEET: 11 OF: 20  
 AutoCAD DRAWING: X-SECTS.DWG  
 PROJECT NO.: MEND1606





DRAWN BY: D.E.Z. HORIZONTAL SCALE: 1" = 10'  
DESIGNED BY: E.H.K. VERTICAL SCALE: 1" = 2'

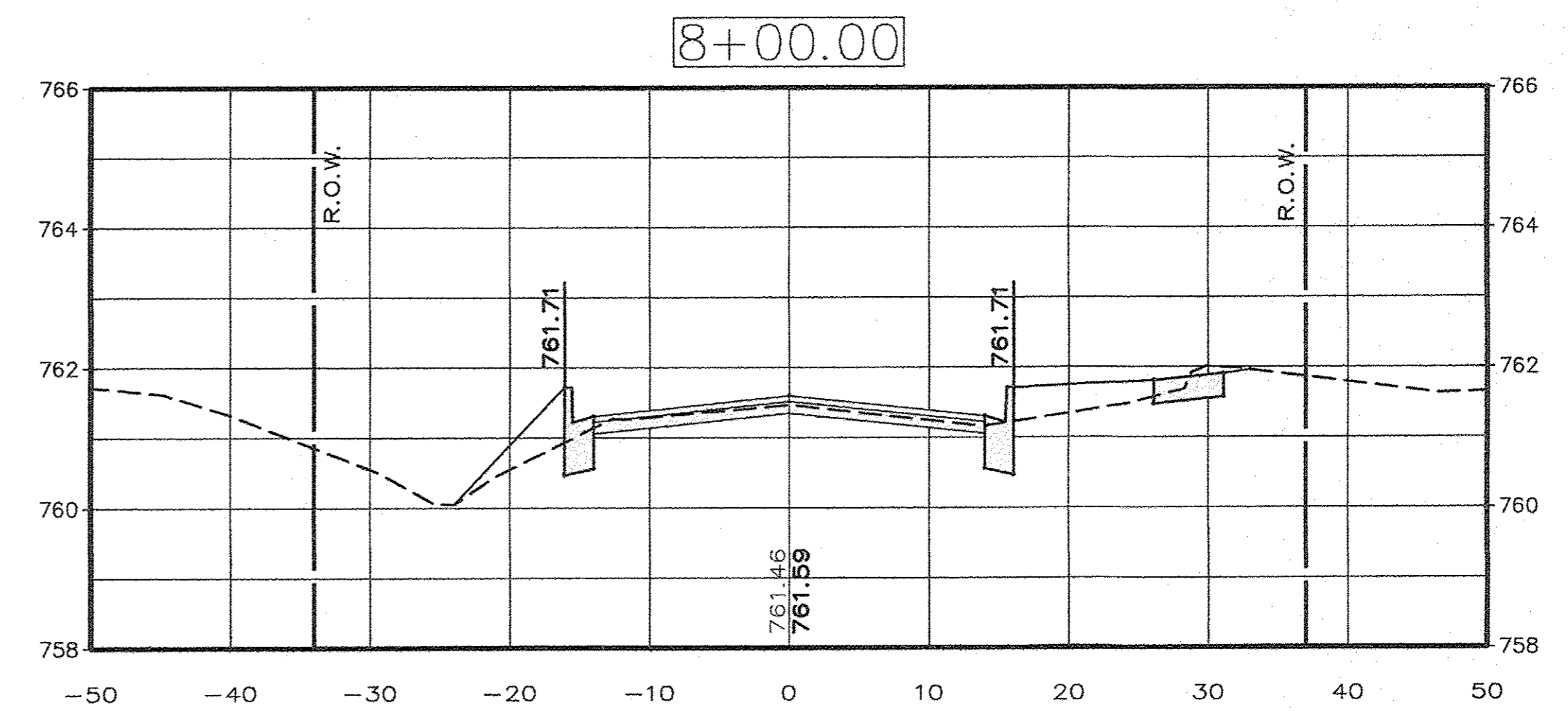
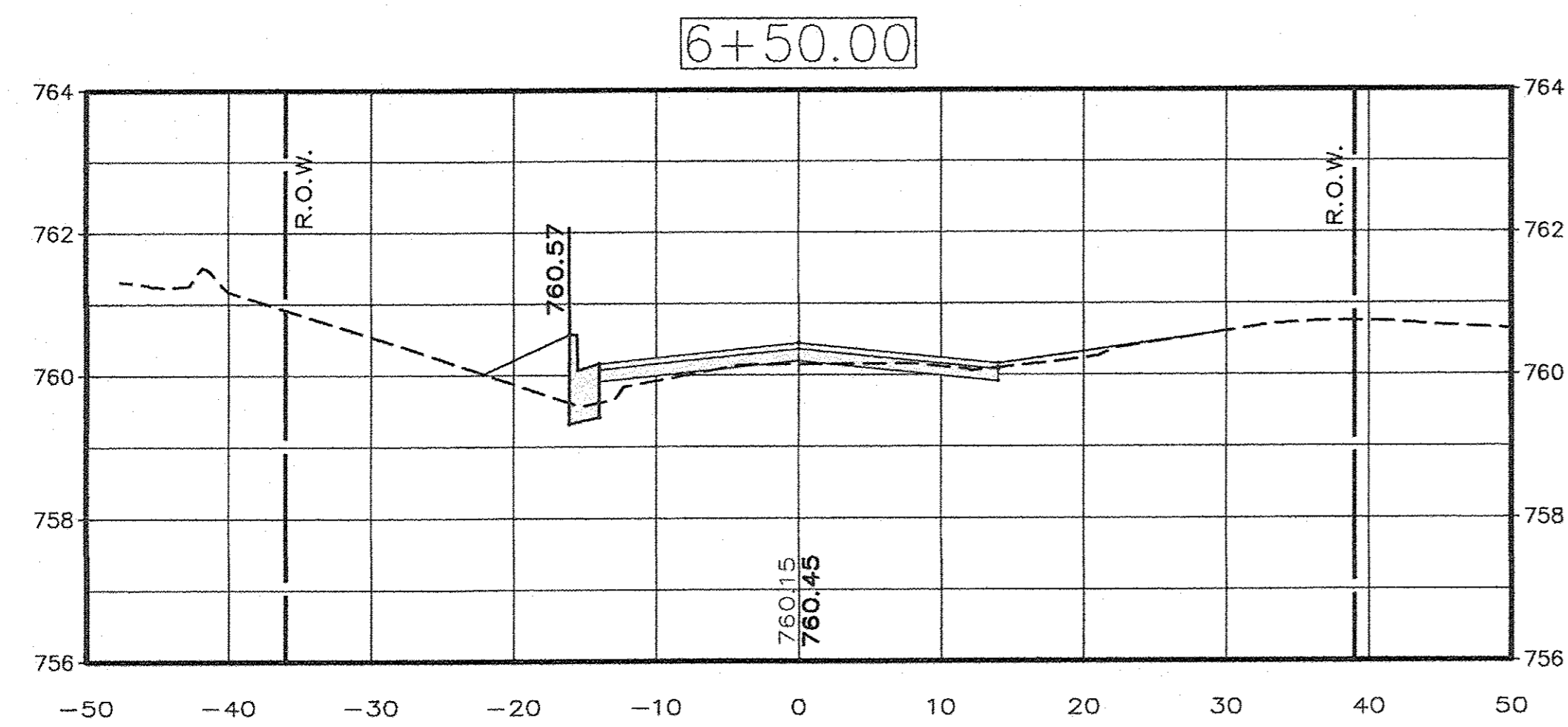
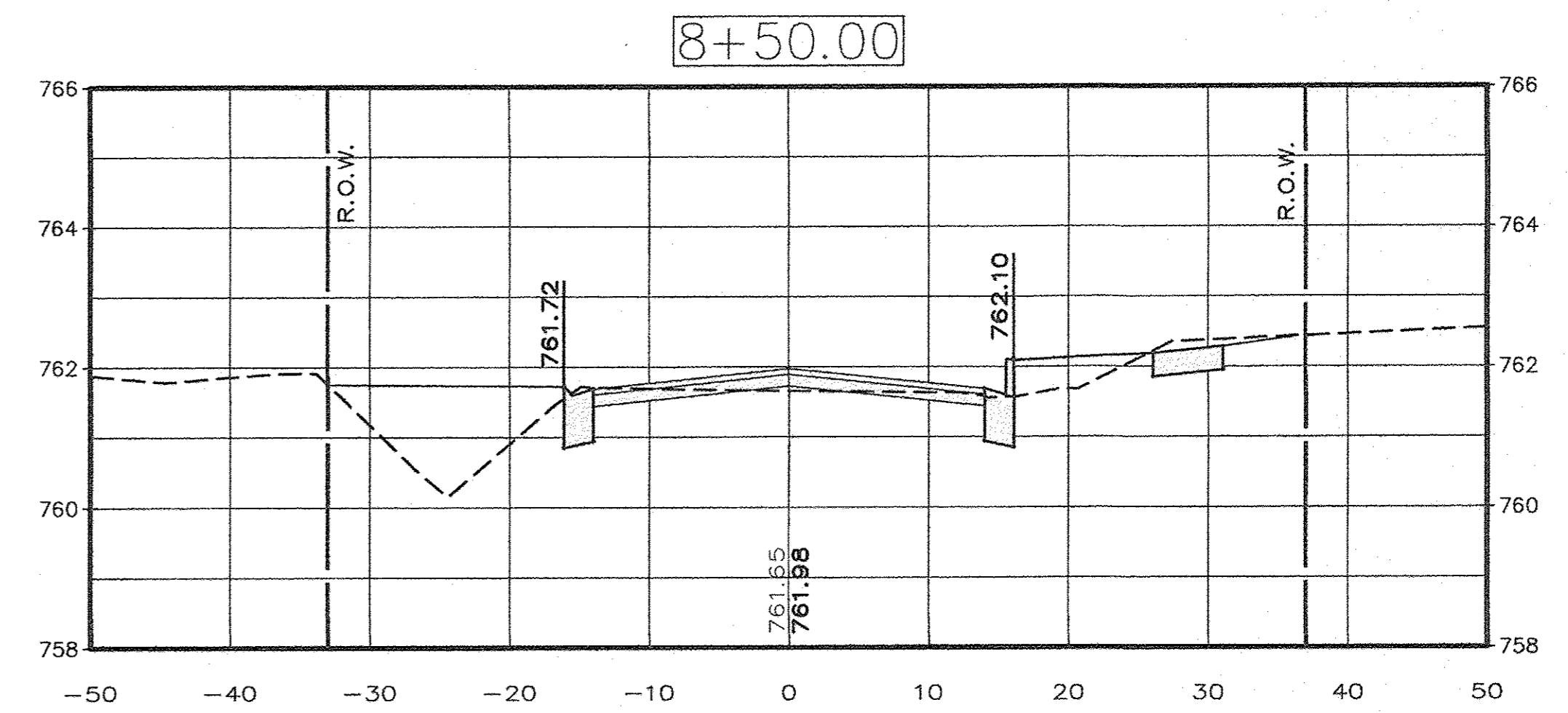
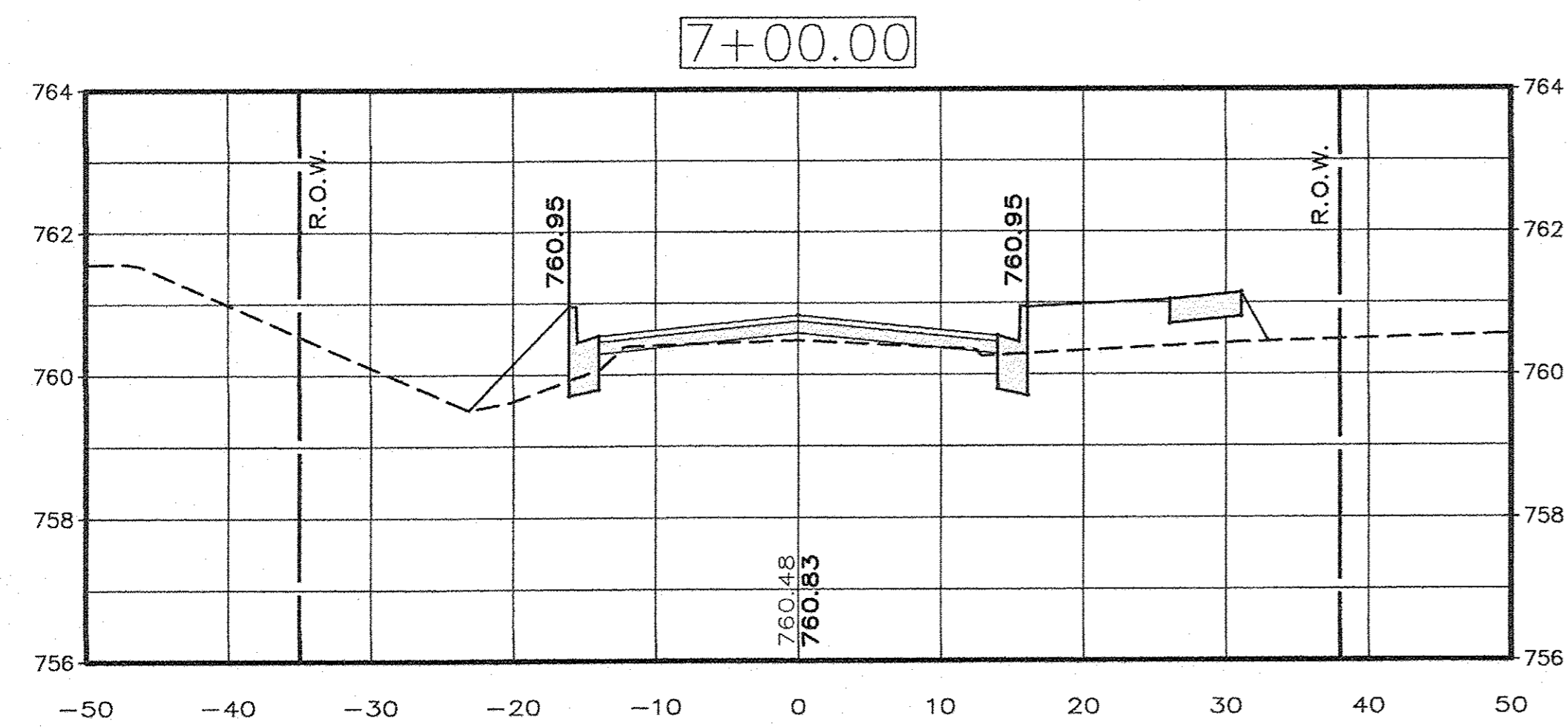
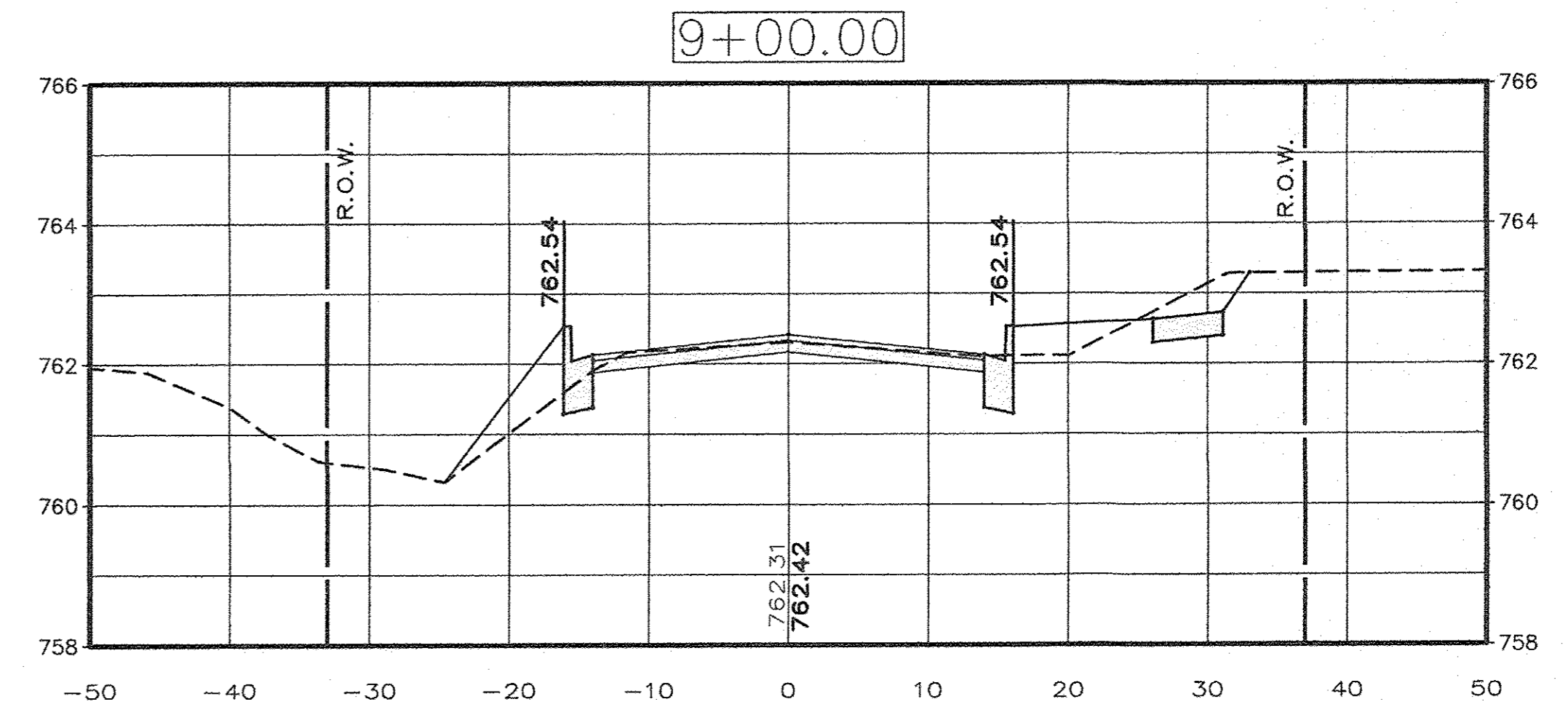
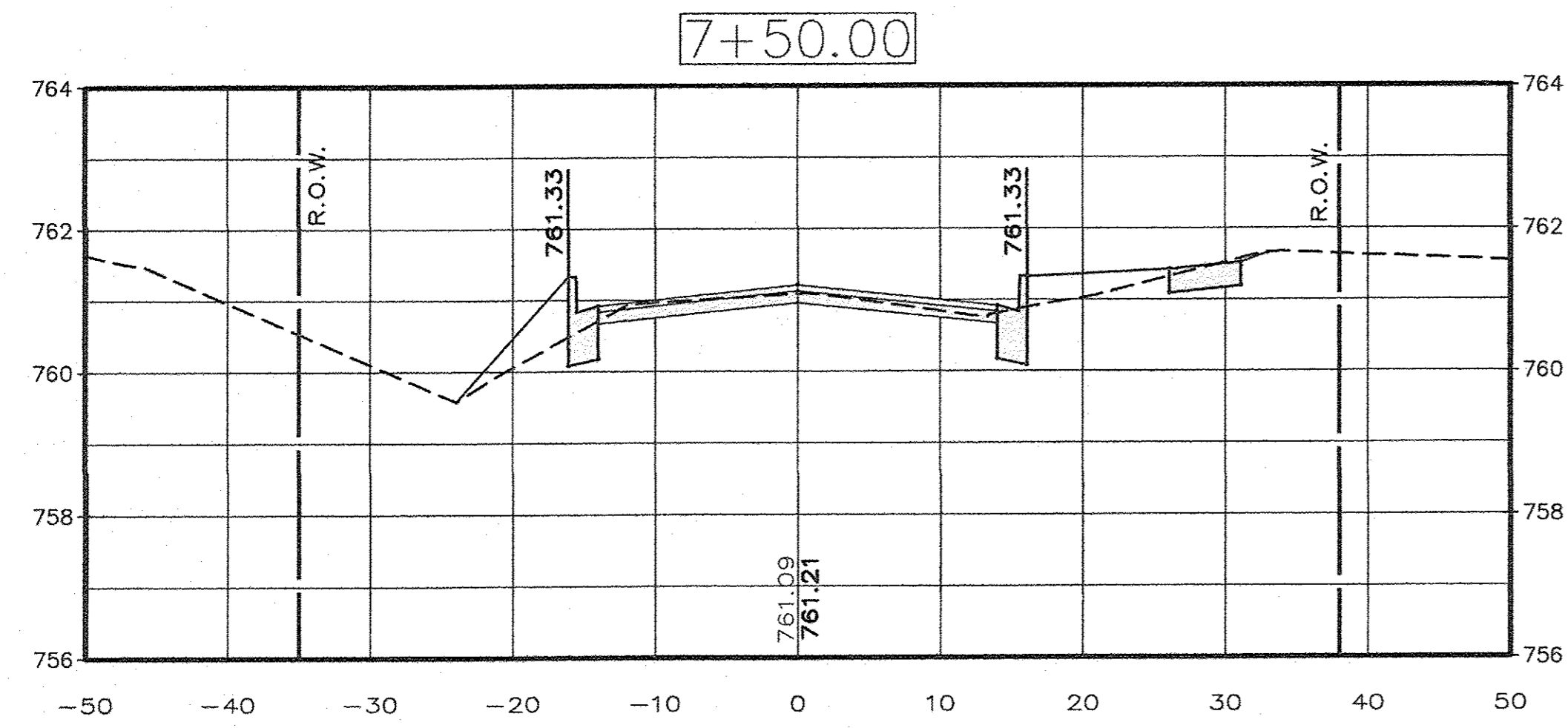
EAST MAIN STREET F.A.U. PROJECT  
IN THE CITY OF MENDOTA, ILLINOIS

CROSS SECTIONS  
STATIONS: 3+50 - 6+00

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
1714 FOURTH STREET, 903 MAIN STREET  
PEQUA, ILLINOIS 61354 MENDOTA, ILLINOIS 61352  
TELEPHONE (815) 234-8500 TELEPHONE (815) 239-8137  
FAX (815) 234-0375 FAX (815) 239-8149  
E-MAIL ADDRESS = AEA@AEAINC1.COM  
PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365

Contract # 37652  
DATE: MAR. 2017 SHEET: 12 OF 20  
AutoCAD DRAWING: X-SECTS.DWG  
PROJECT NO.: MEND1606





DRAWN BY: D.E.Z.  
 HORIZONTAL SCALE: 1" = 10'  
 DESIGNED BY: E.H.K.  
 VERTICAL SCALE: 1" = 2'

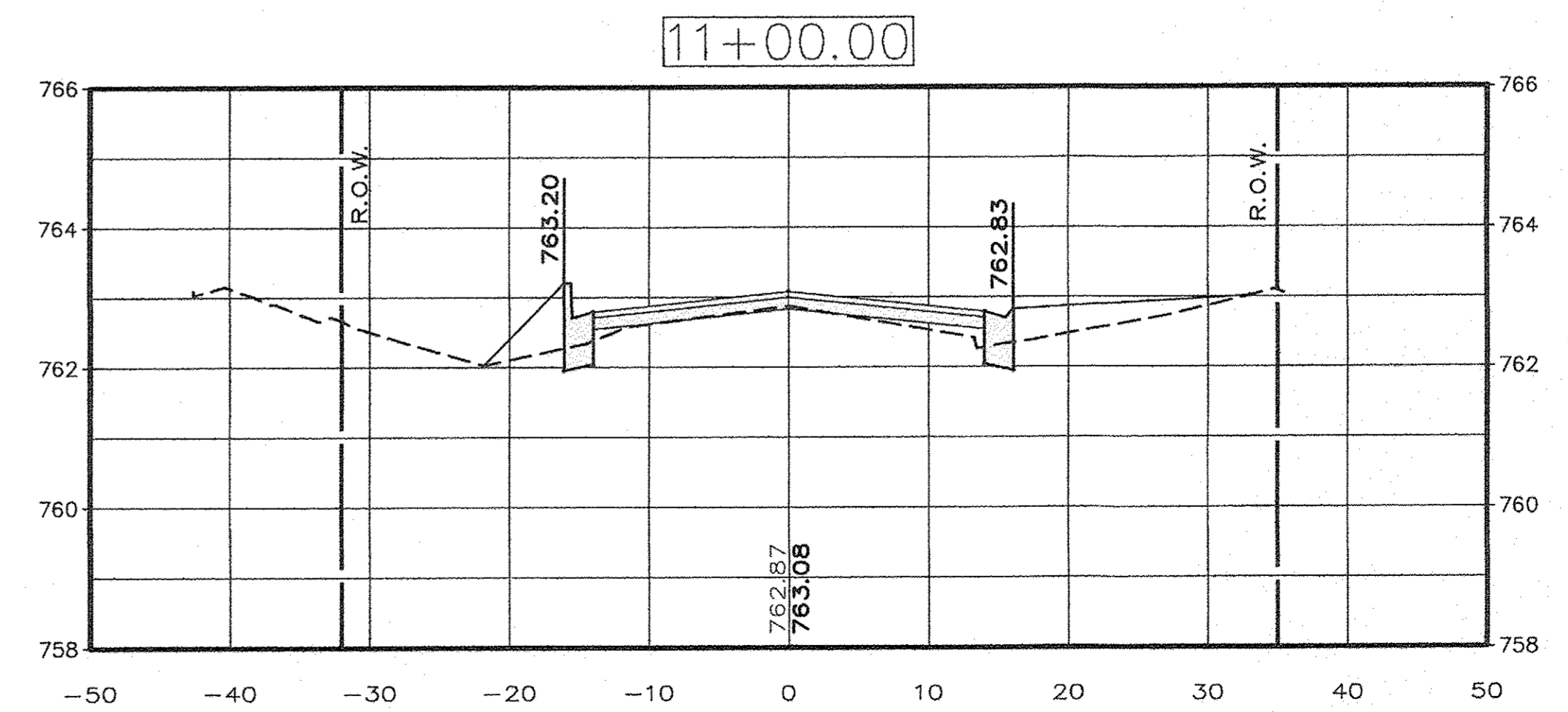
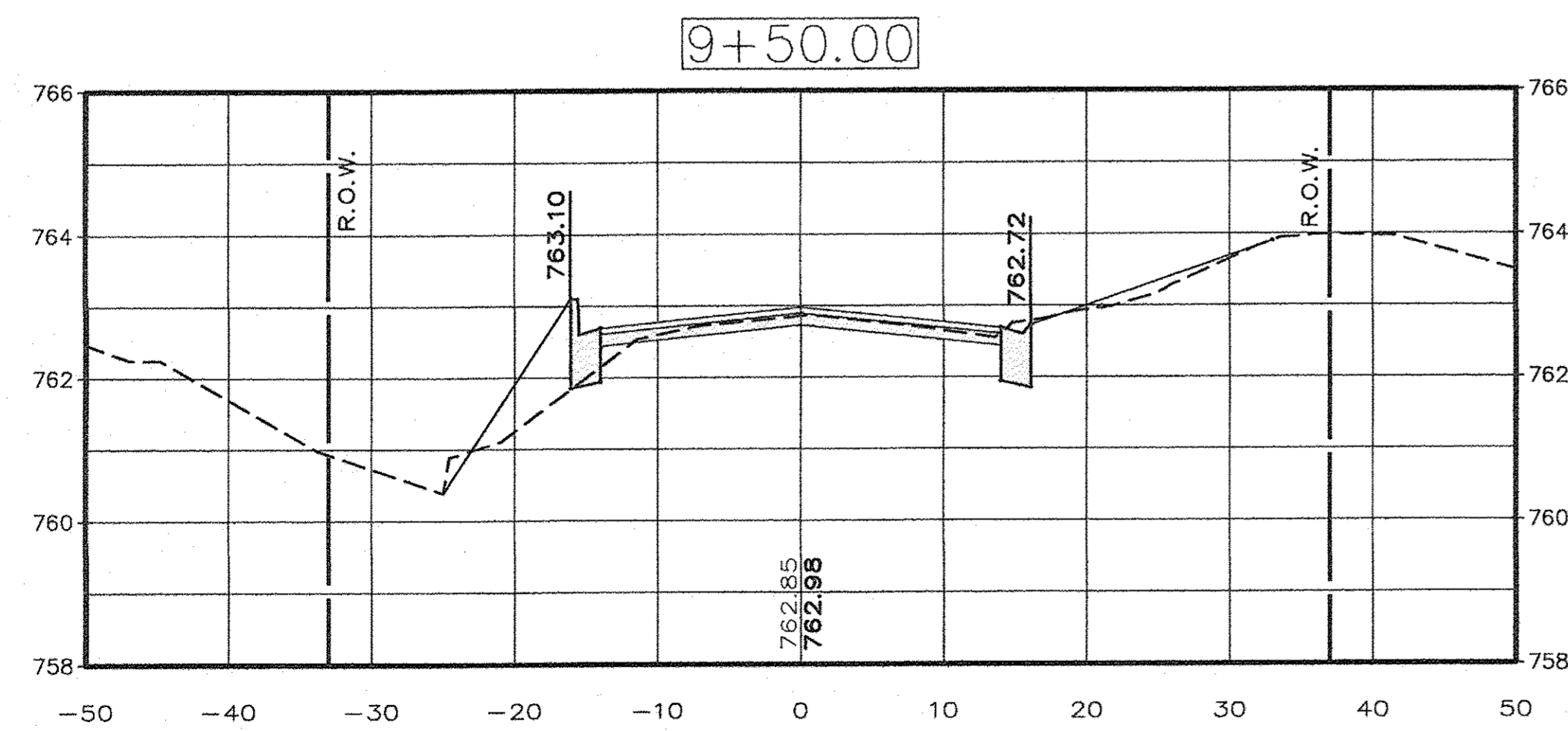
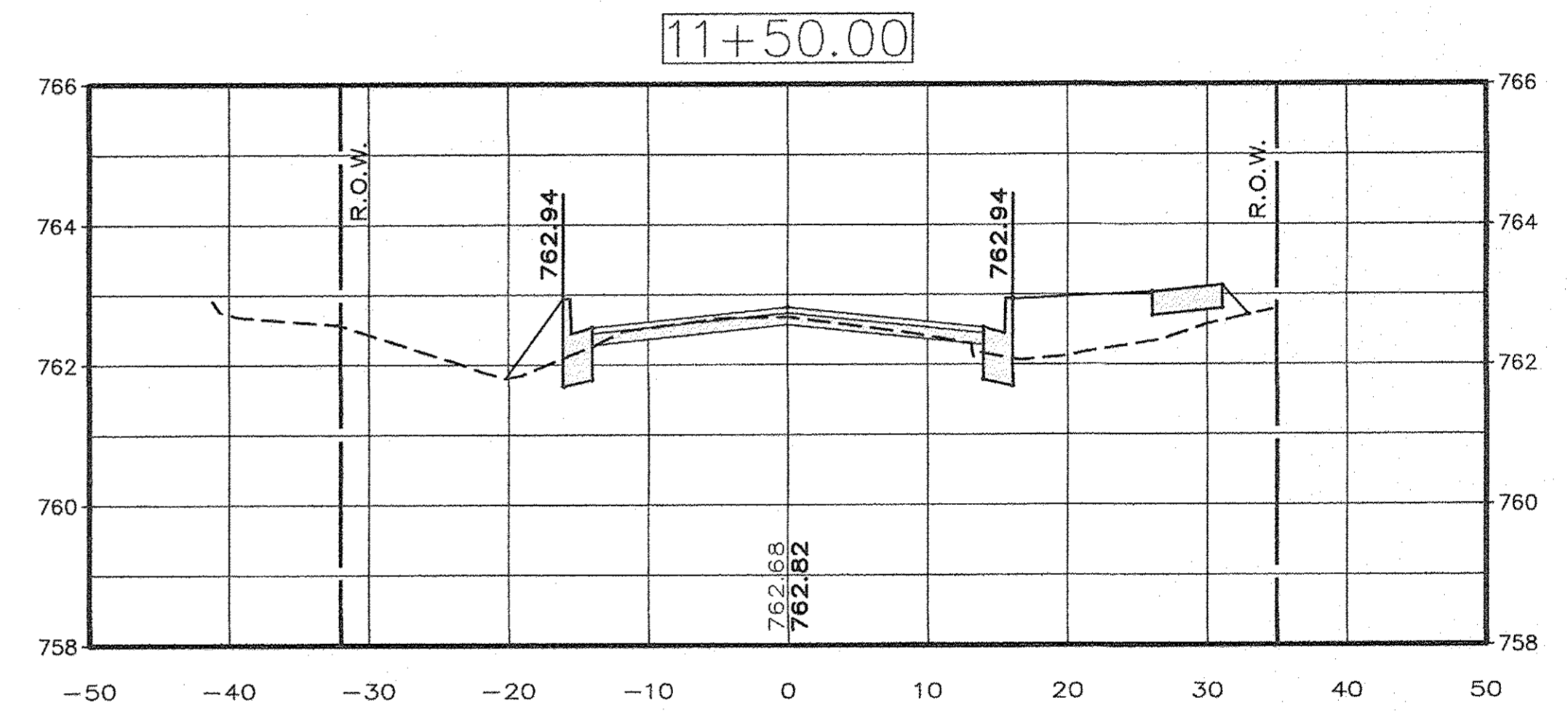
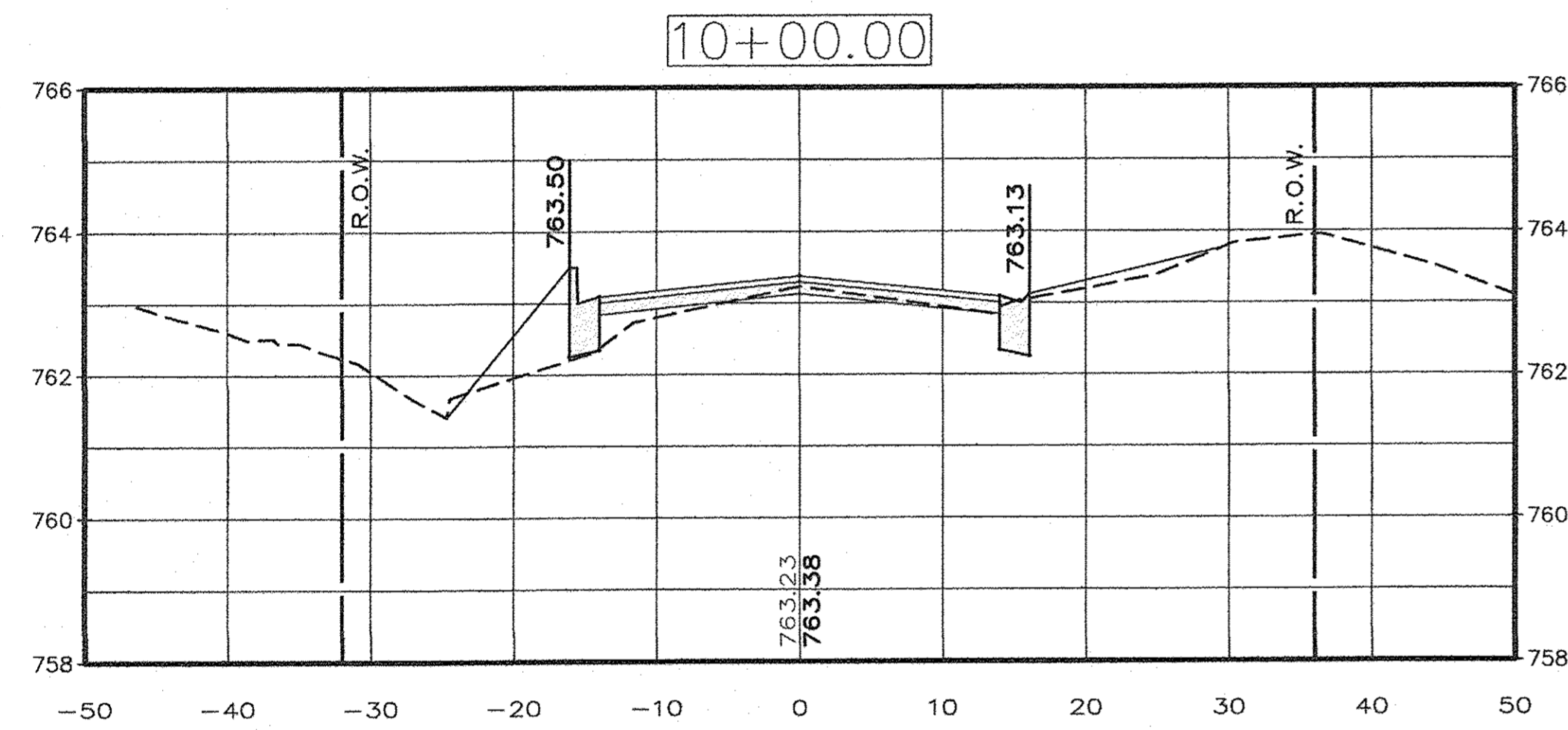
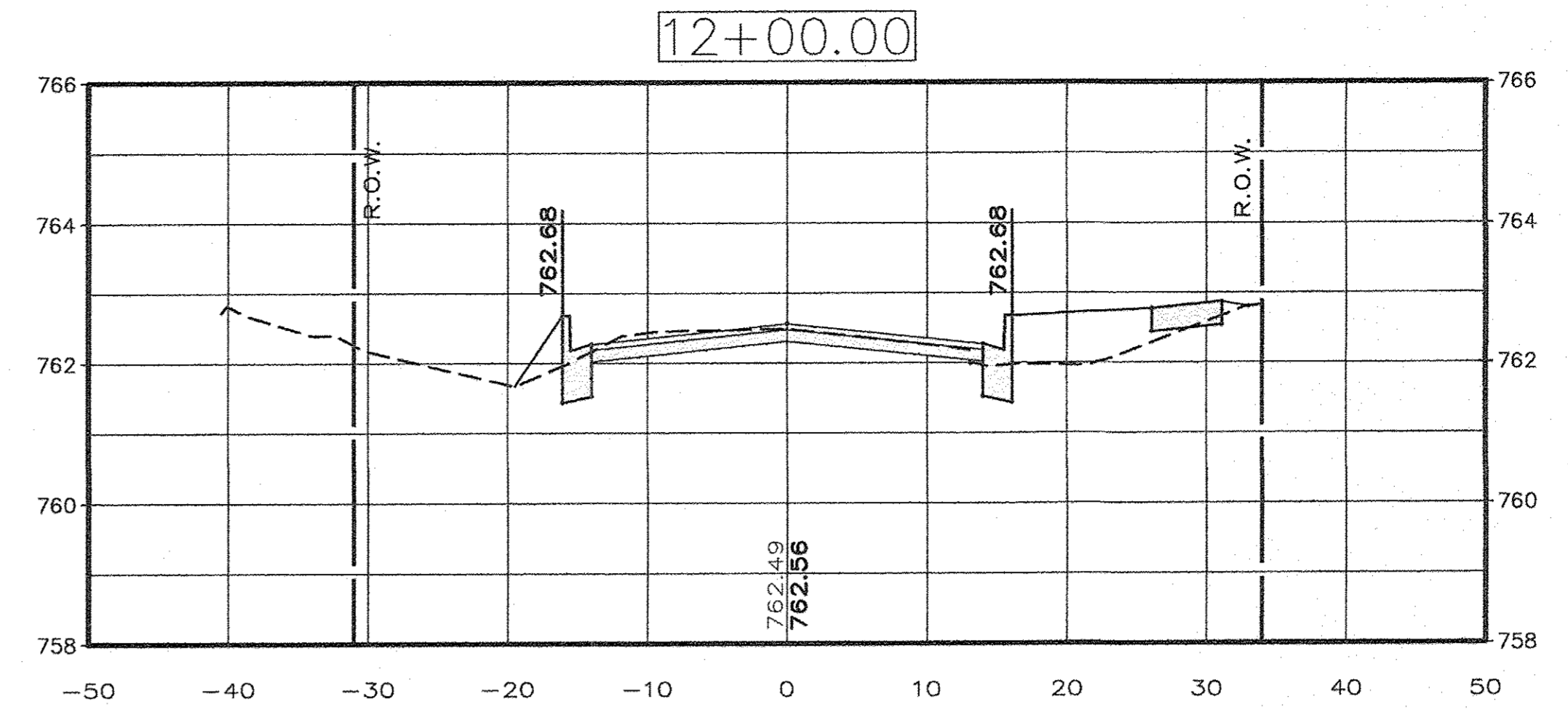
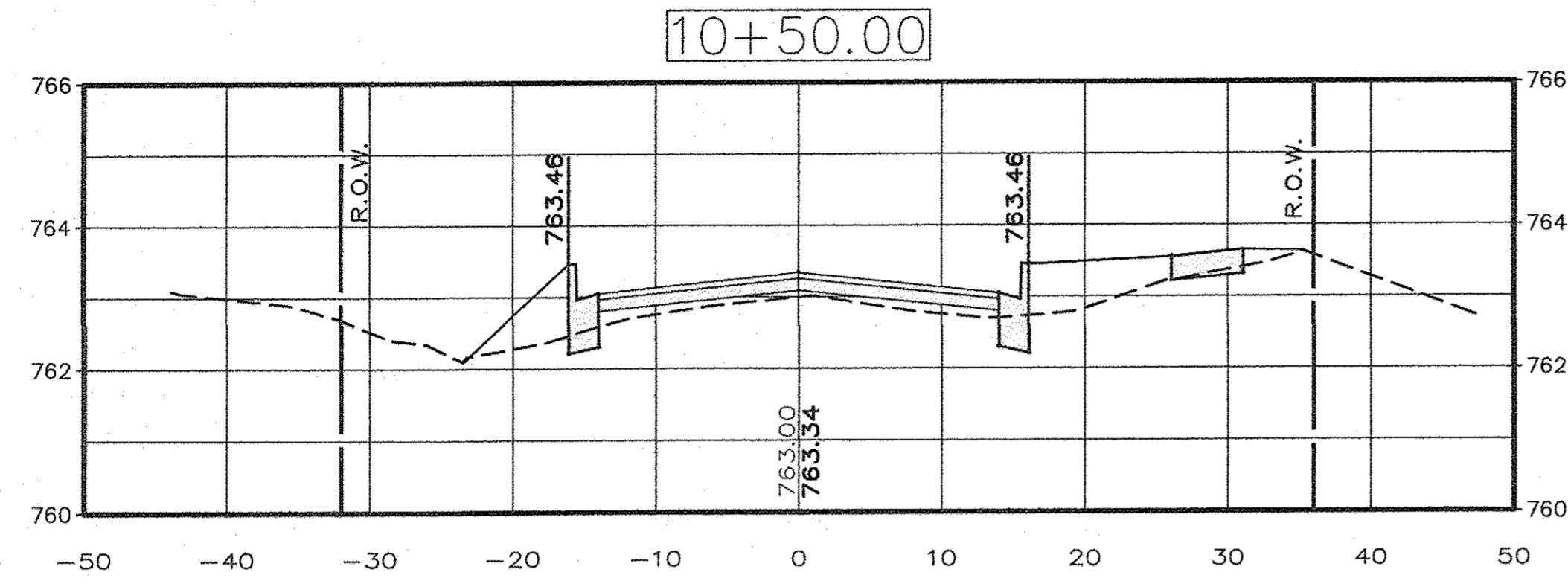
EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA, ILLINOIS

CROSS SECTIONS  
 STATIONS: 6+50 - 9+00

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
 1714 FOURTH STREET, 903 MAIN STREET  
 PERU, ILLINOIS 61354 MENDOTA, ILLINOIS 61342  
 TELEPHONE: (815) 224-8500 TELEPHONE: (815) 538-8137  
 FAX: (815) 224-8575 FAX: (815) 538-8149  
 E-MAIL ADDRESS: AEA@AECINCT.COM  
 PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365

Contract # 87652  
 DATE: MAR. 2017  
 SHEET: 13 OF: 20  
 AutoCAD DRAWING: X-SECTS.DWG  
 PROJECT NO.: MEND1606





DRAWN BY: D.E.Z.  
 HORIZONTAL SCALE: 1" = 10'  
 DESIGNED BY: E.H.K.  
 VERTICAL SCALE: 1" = 2'

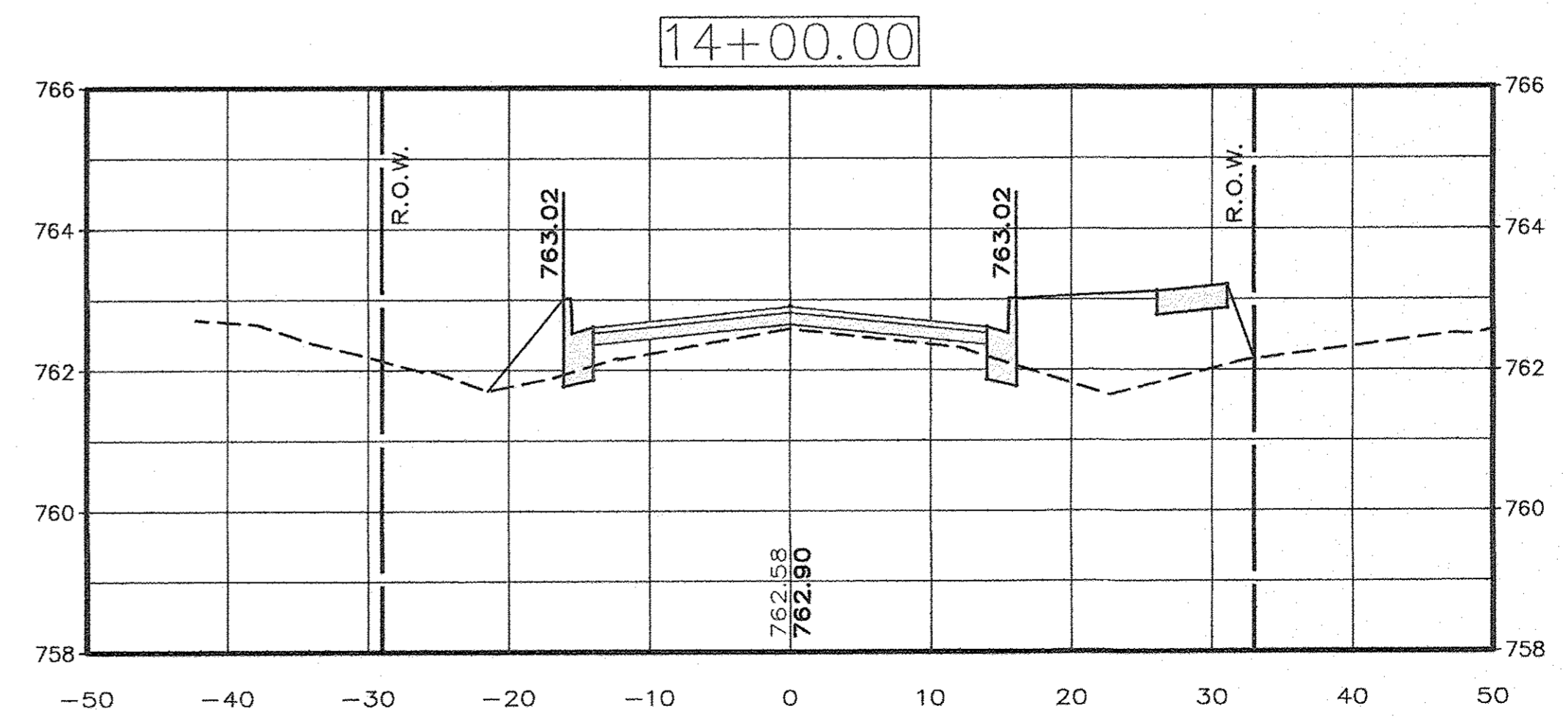
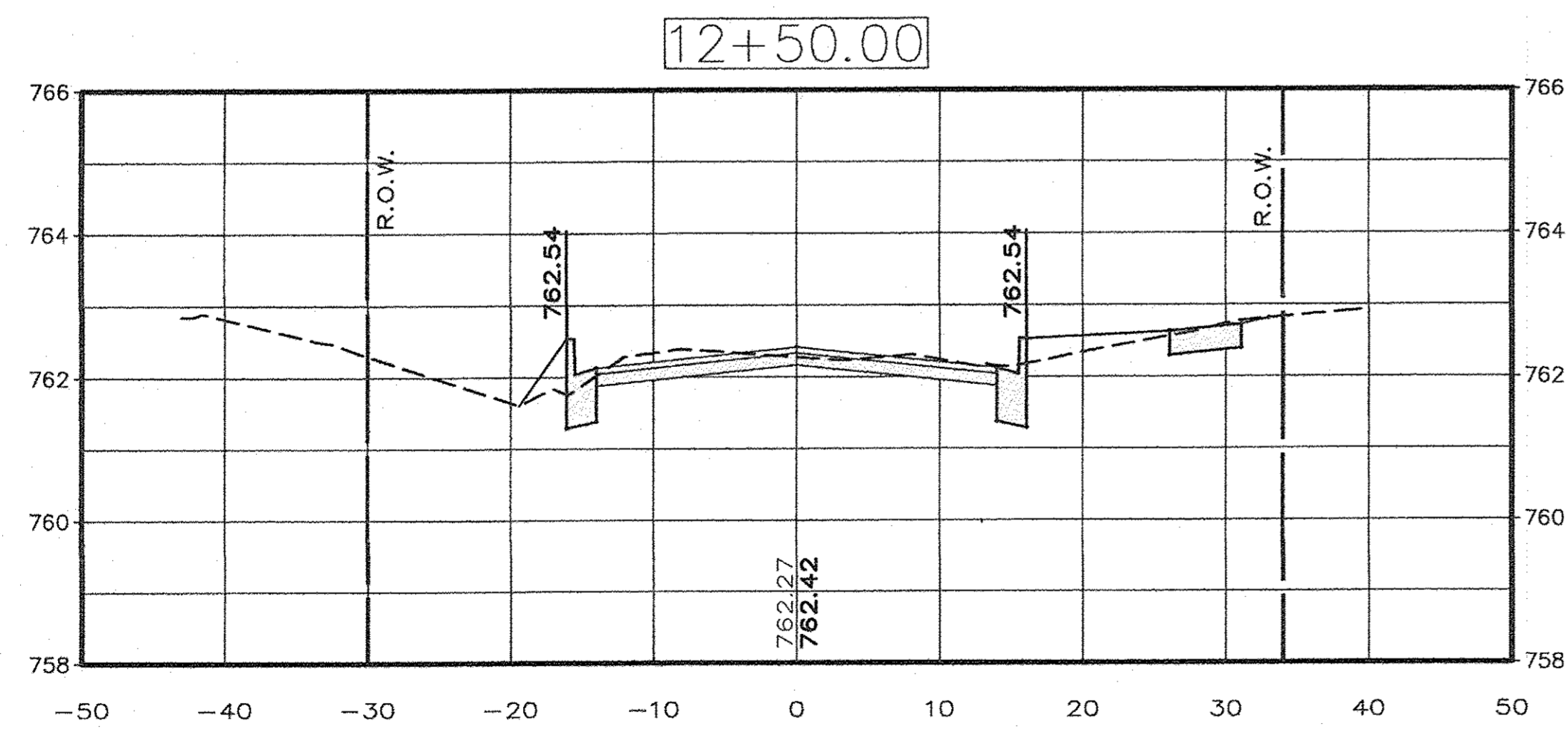
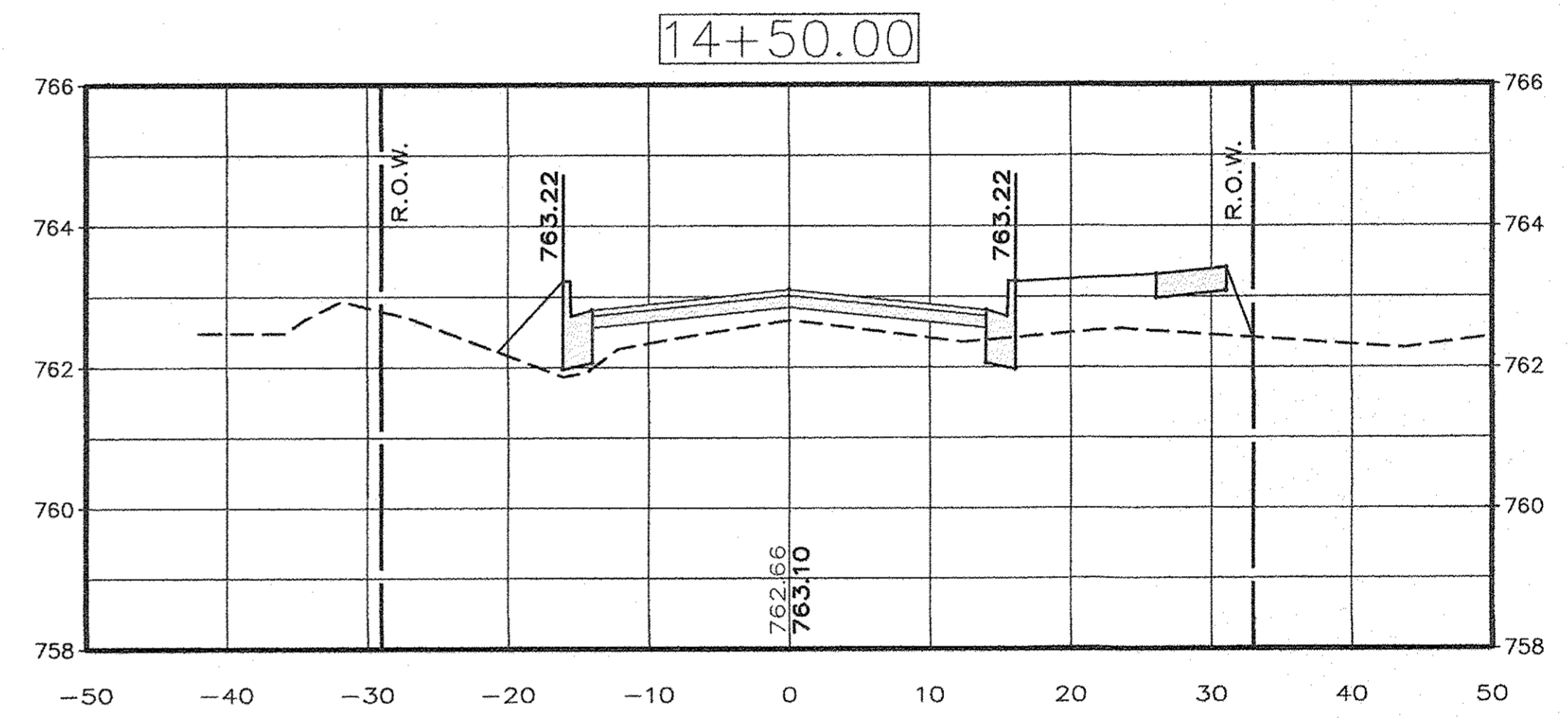
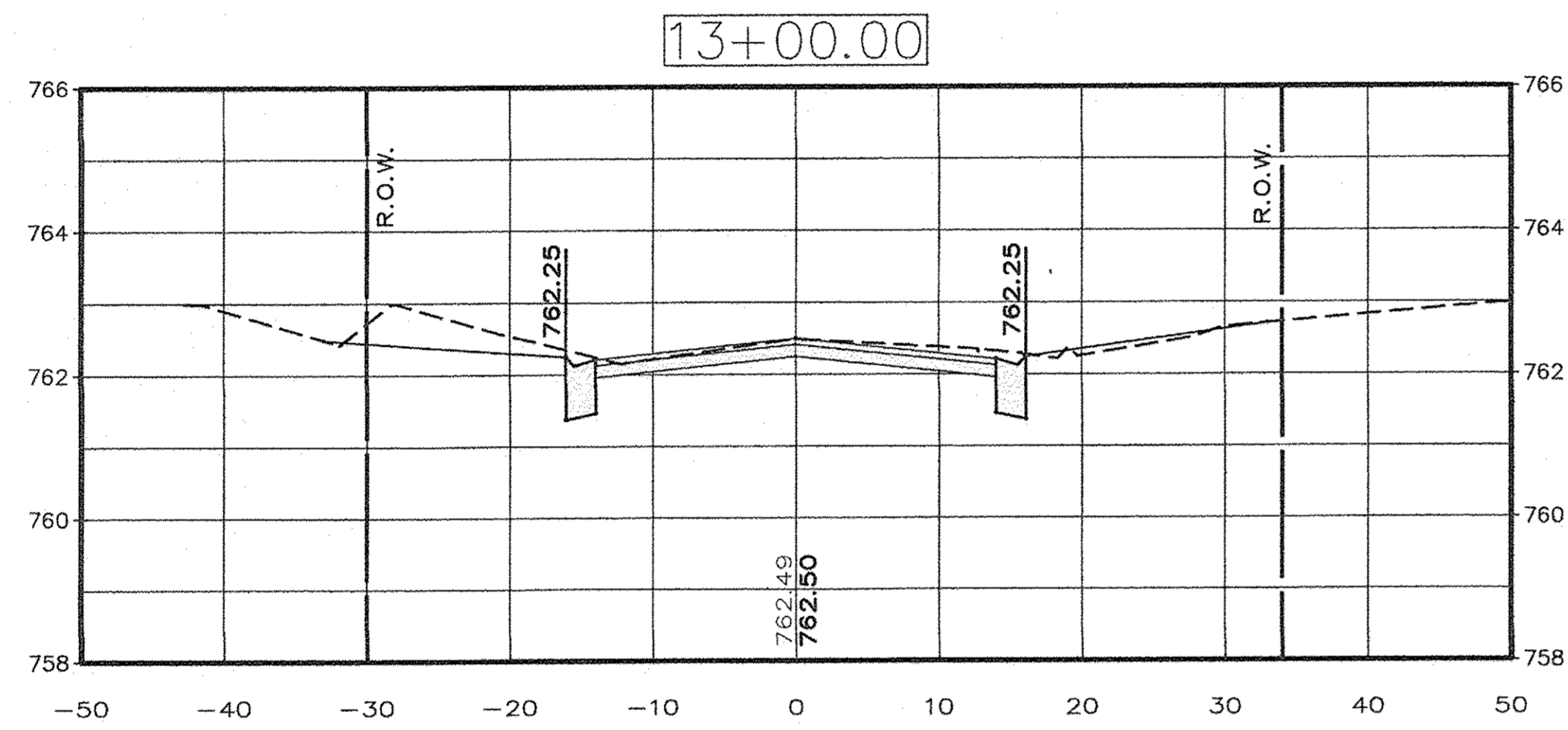
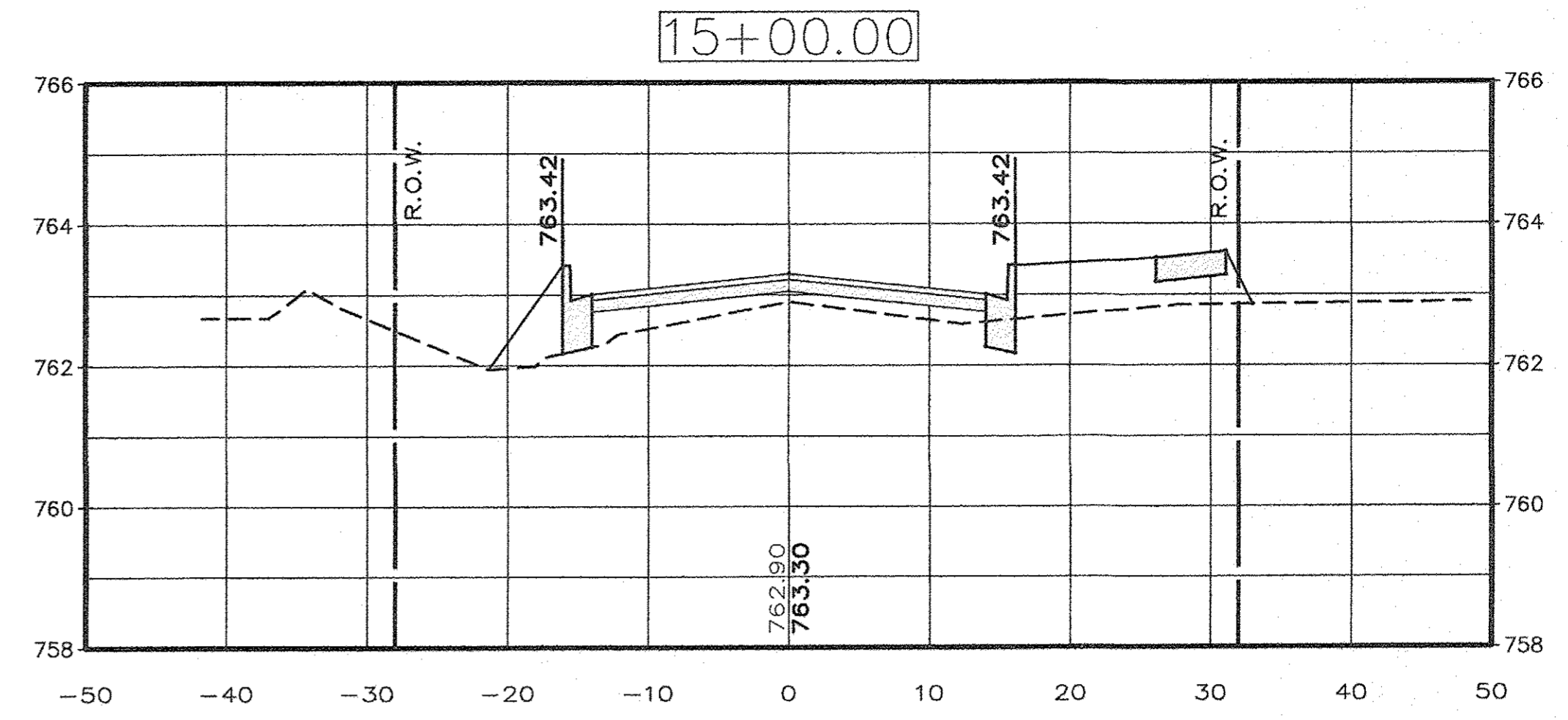
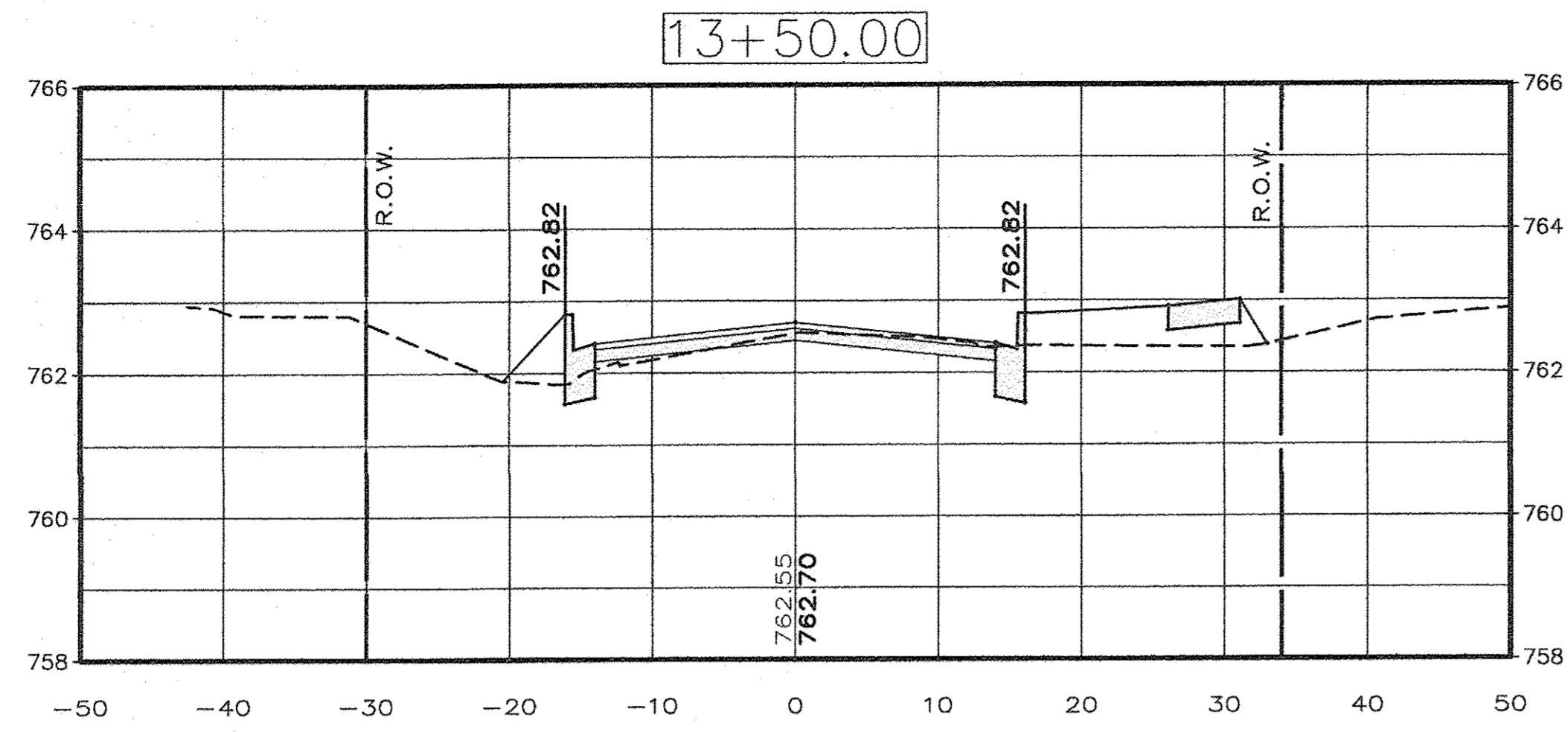
EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA, ILLINOIS

CROSS SECTIONS  
 STATIONS: 9+50 - 12+00

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
 1714 FOURTH STREET | 903 MAIN STREET  
 PEORIA, ILLINOIS 61604 | MENDOTA, ILLINOIS 61342  
 TELEPHONE: (815) 224-8500 | TELEPHONE: (815) 539-8137  
 FAX: (815) 224-8575 | FAX: (815) 539-8149  
 E-MAIL ADDRESS: AEA@AEAINCT.COM  
 PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365

Contract # 87652  
 DATE: MAR. 2017  
 SHEET: 14 OF: 20  
 AutoCAD DRAWING: X-SECTS.DWG  
 PROJECT NO.: MEND1606





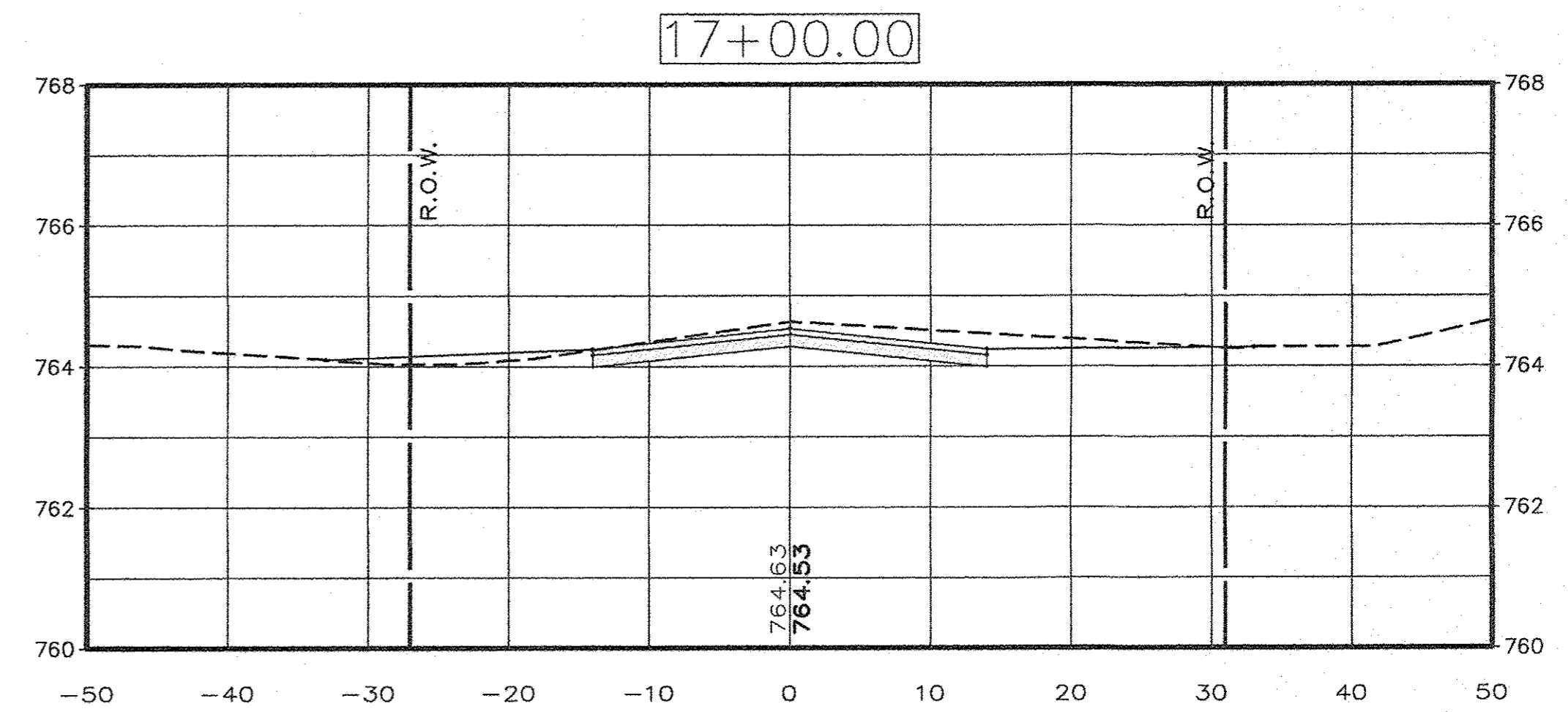
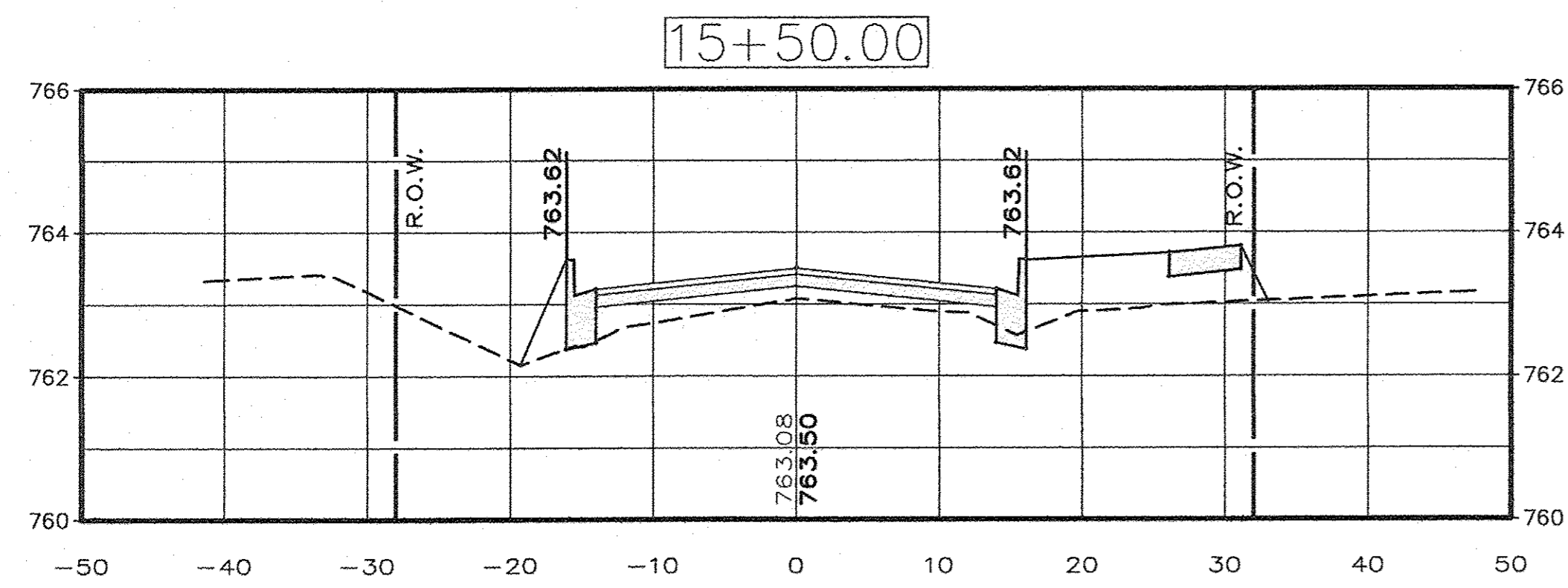
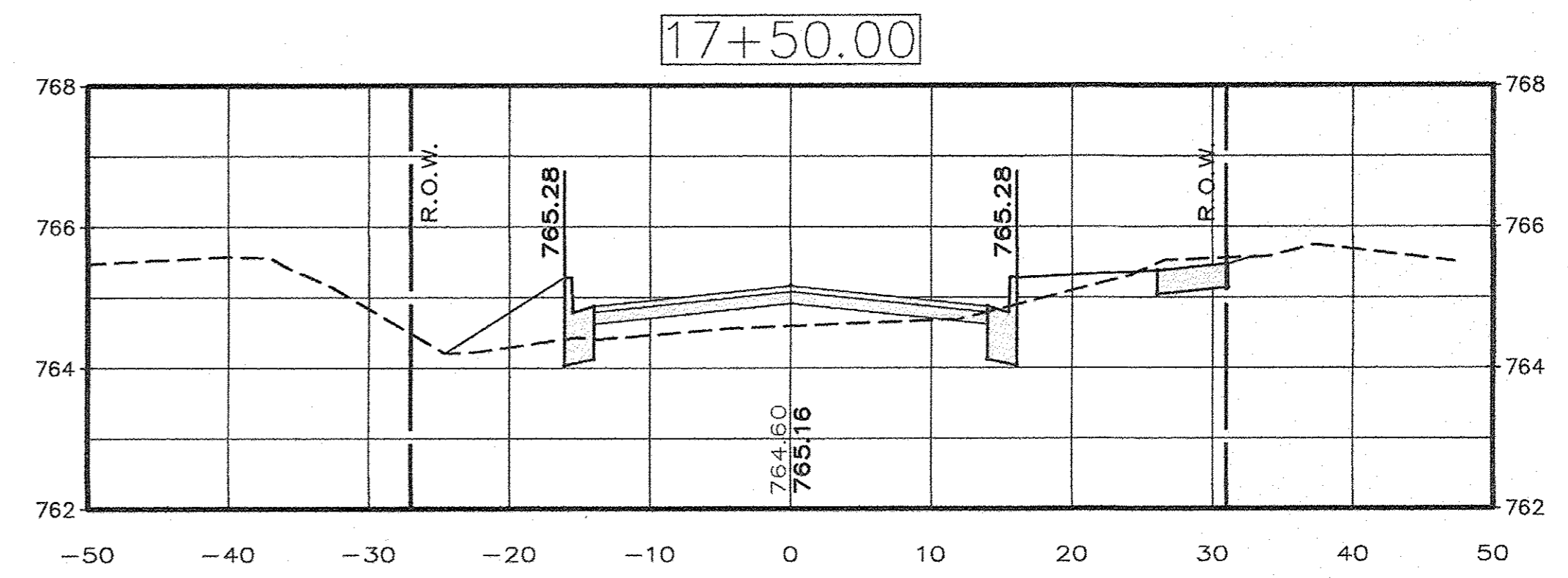
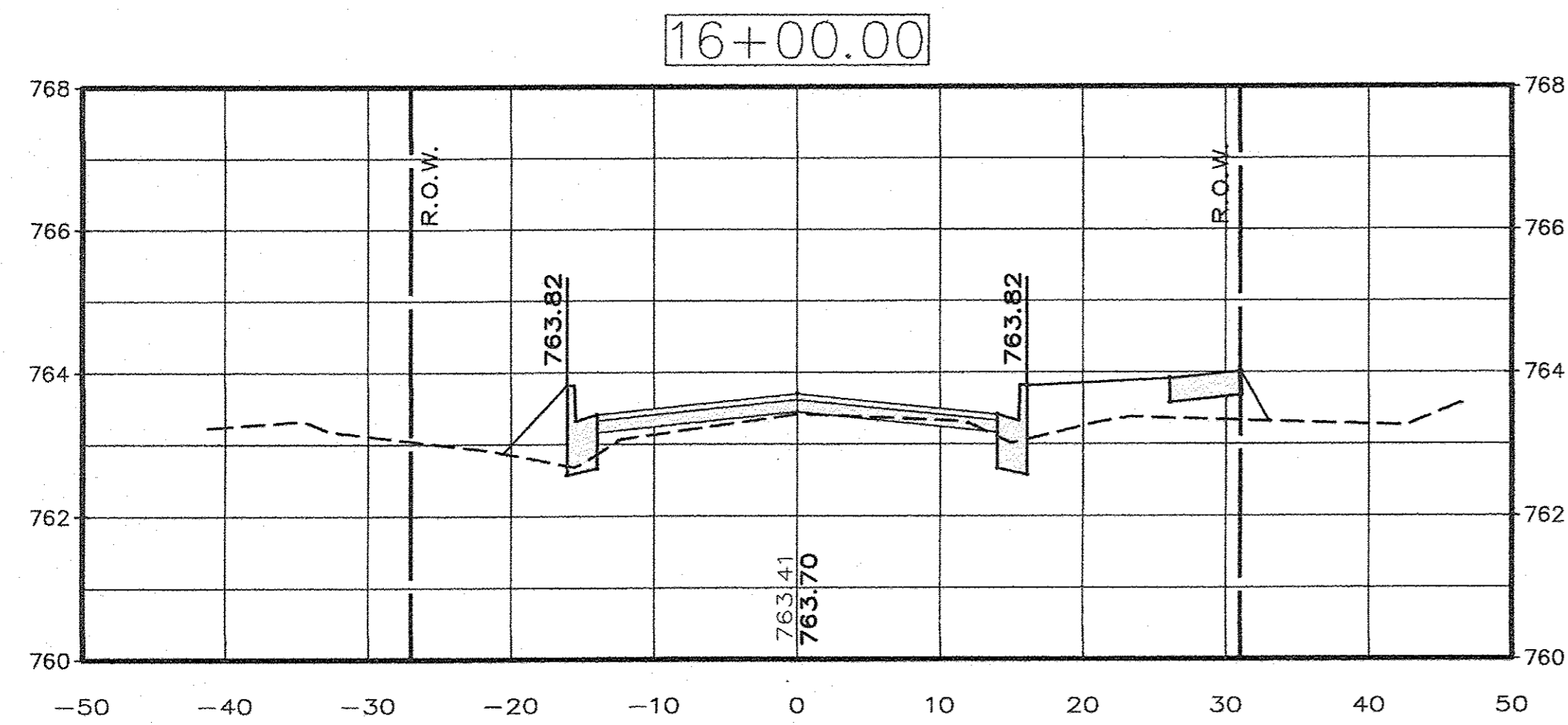
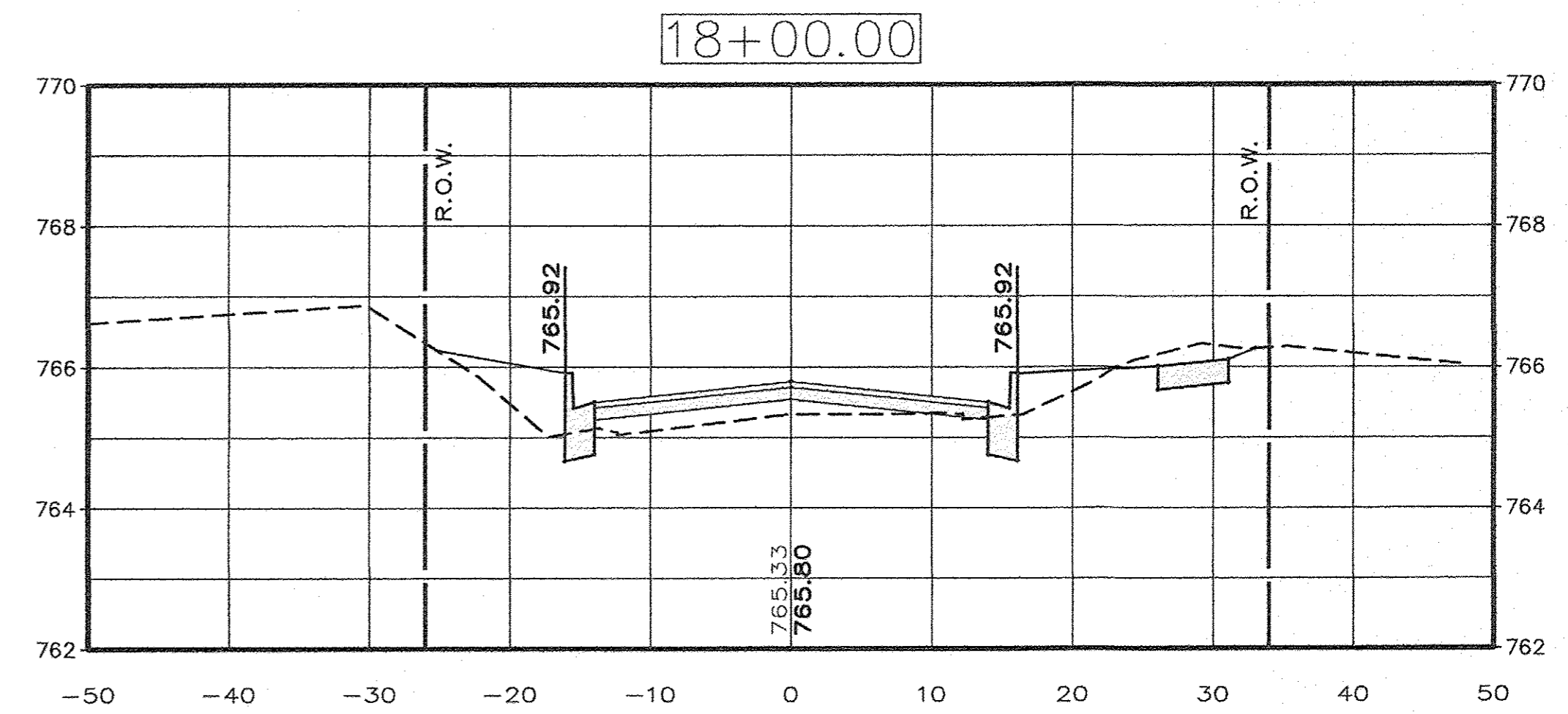
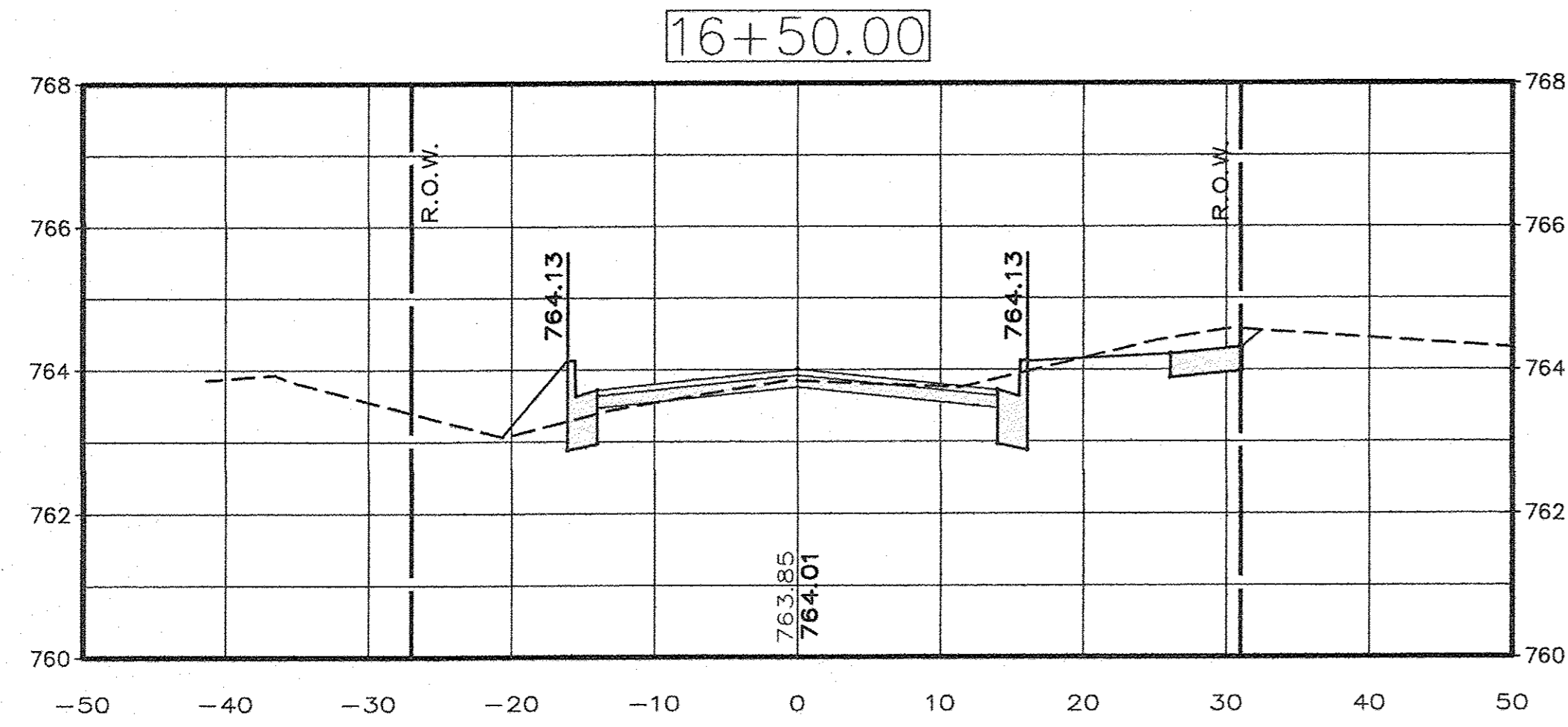
DRAWN BY: D.E.Z.  
 HORIZONTAL SCALE: 1" = 10'  
 DESIGNED BY: E.H.K.  
 VERTICAL SCALE: 1" = 2'

EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA, ILLINOIS

CROSS SECTIONS  
 STATIONS: 12+50 - 15+00

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
 1714 FOURTH STREET PERU, ILLINOIS 61354  
 903 MAIN STREET MENDOTA, ILLINOIS 61342  
 TELEPHONE: (815) 224-8500 TELEPHONE: (815) 539-8137  
 FAX: (815) 224-8578 FAX: (815) 539-8140  
 PROFESSIONAL DESIGN FIRM LICENSE No. 181-001365 E-MAIL ADDRESS = AEA@AEAINCT.COM

contract # 27652  
 DATE: MAR. 2017 SHEET: 15 OF: 20  
 AutoCAD DRAWING: X-SECTS.DWG  
 PROJECT NO.: MEND1606



DRAWN BY: D.E.Z.  
 DESIGNED BY: E.H.K.  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 2'

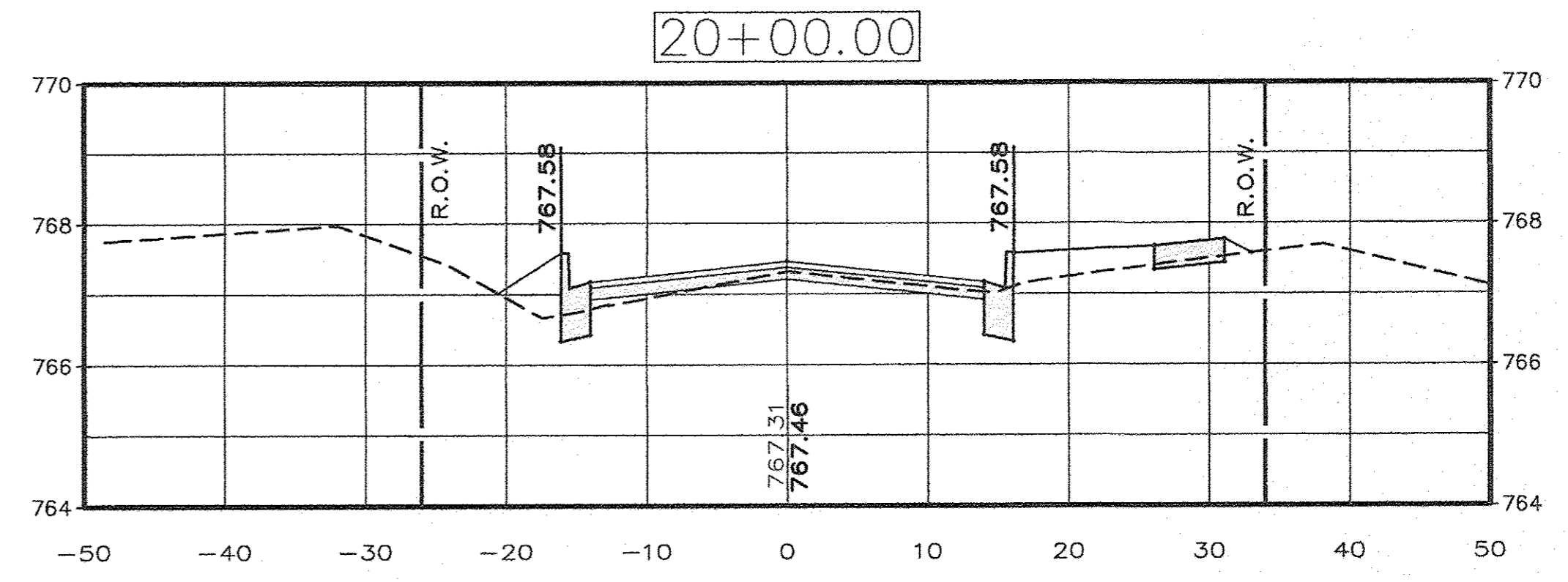
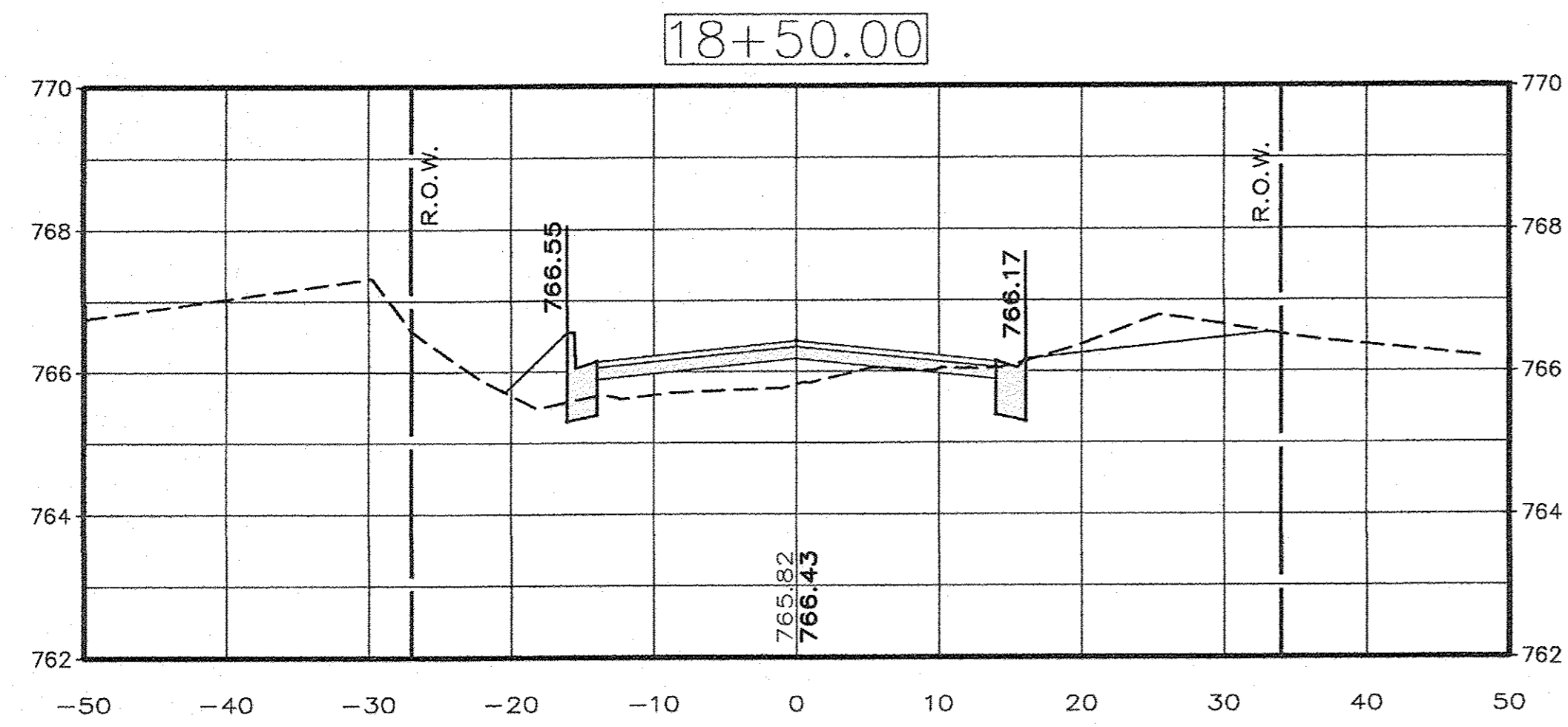
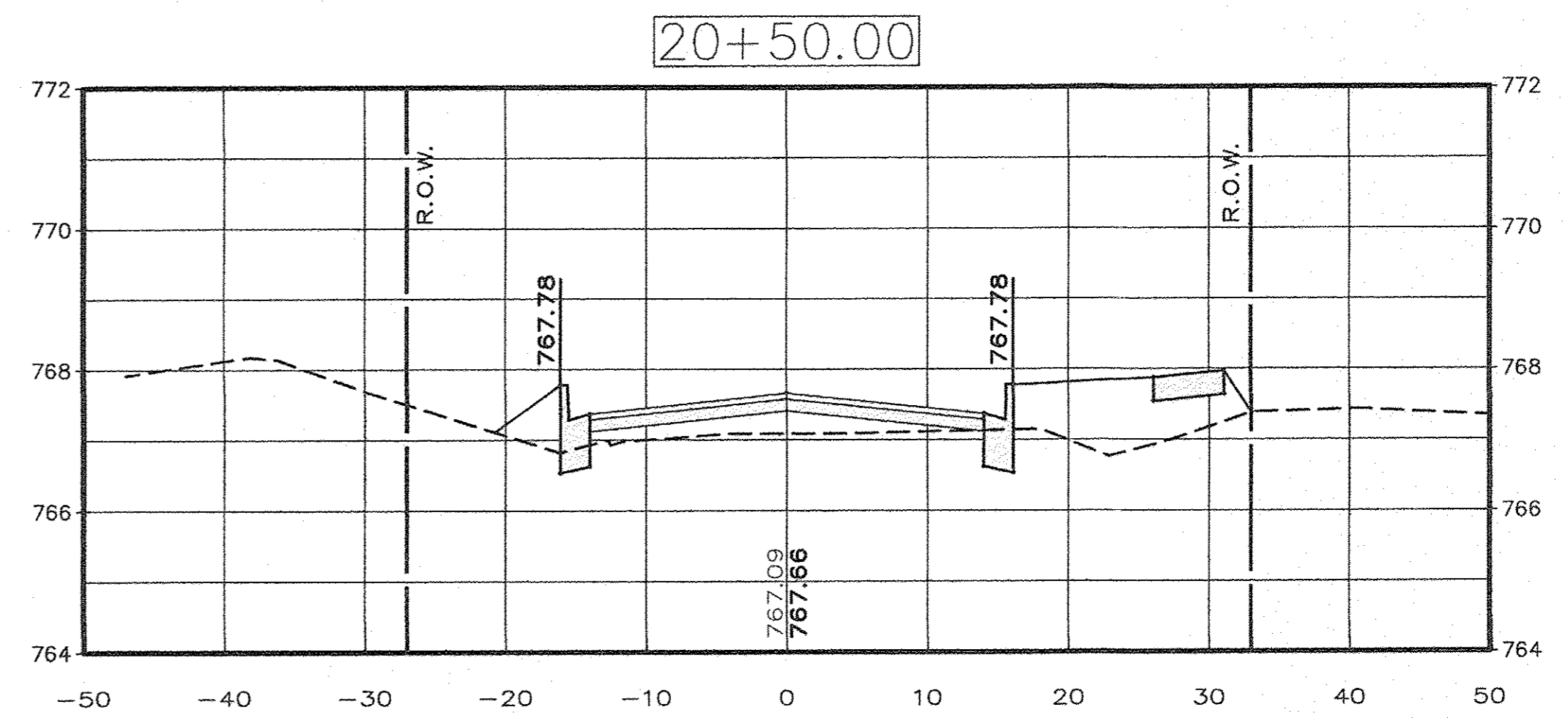
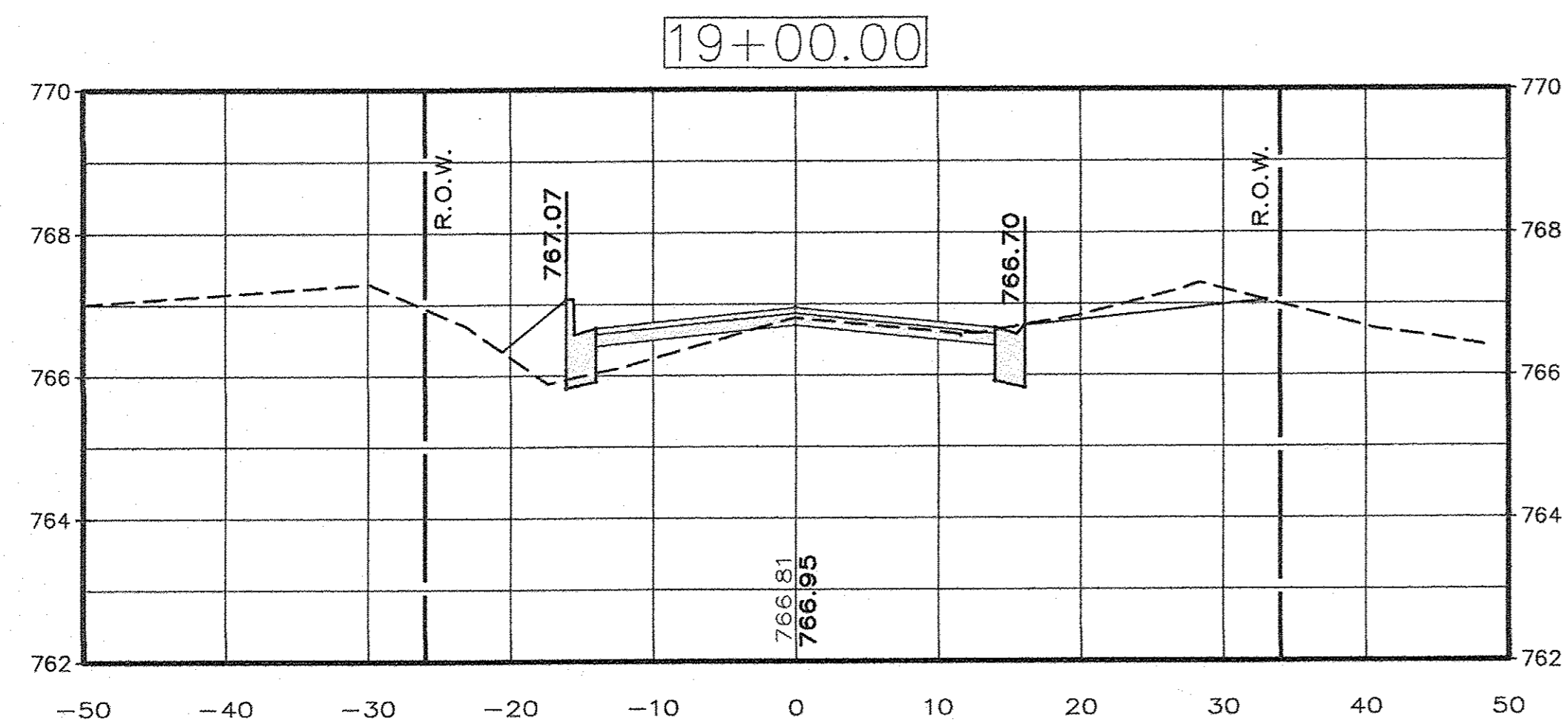
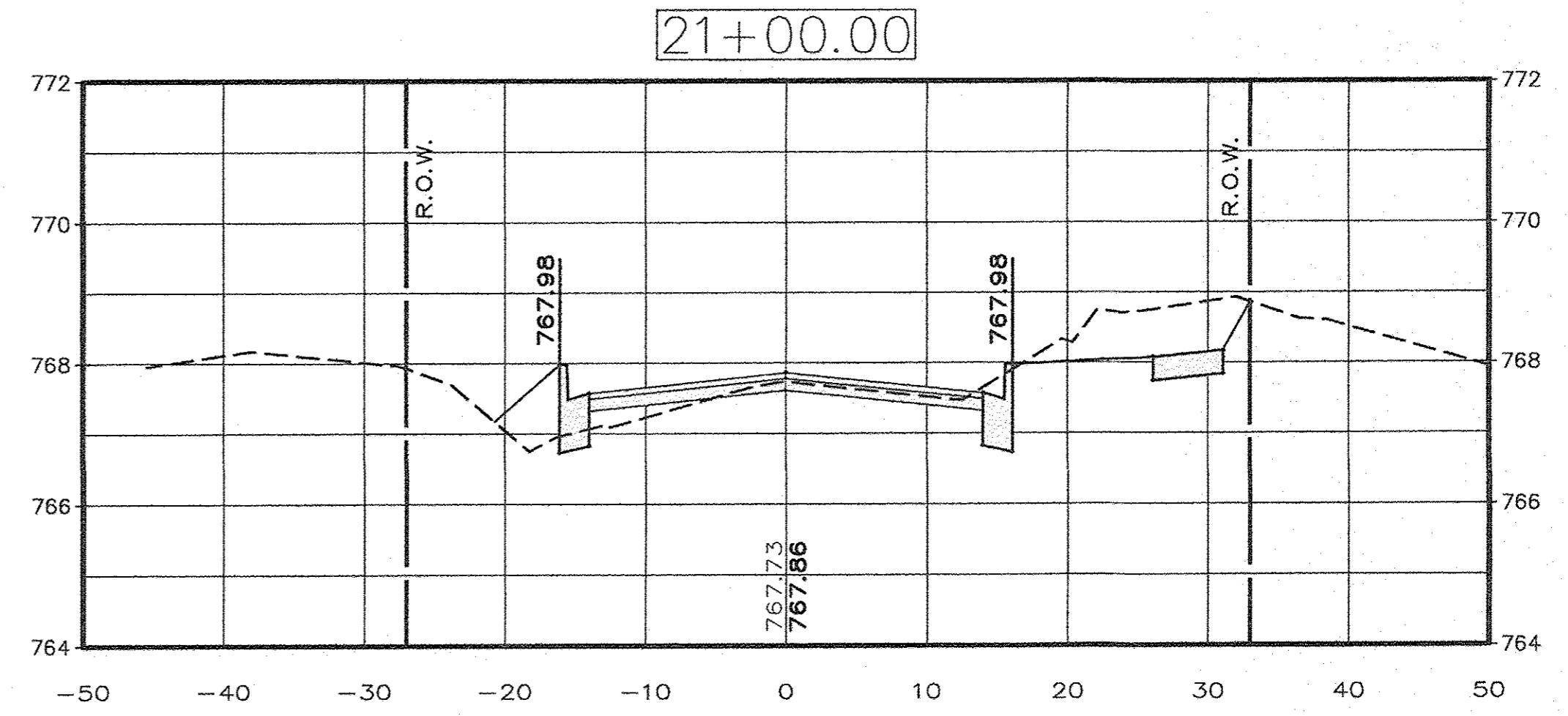
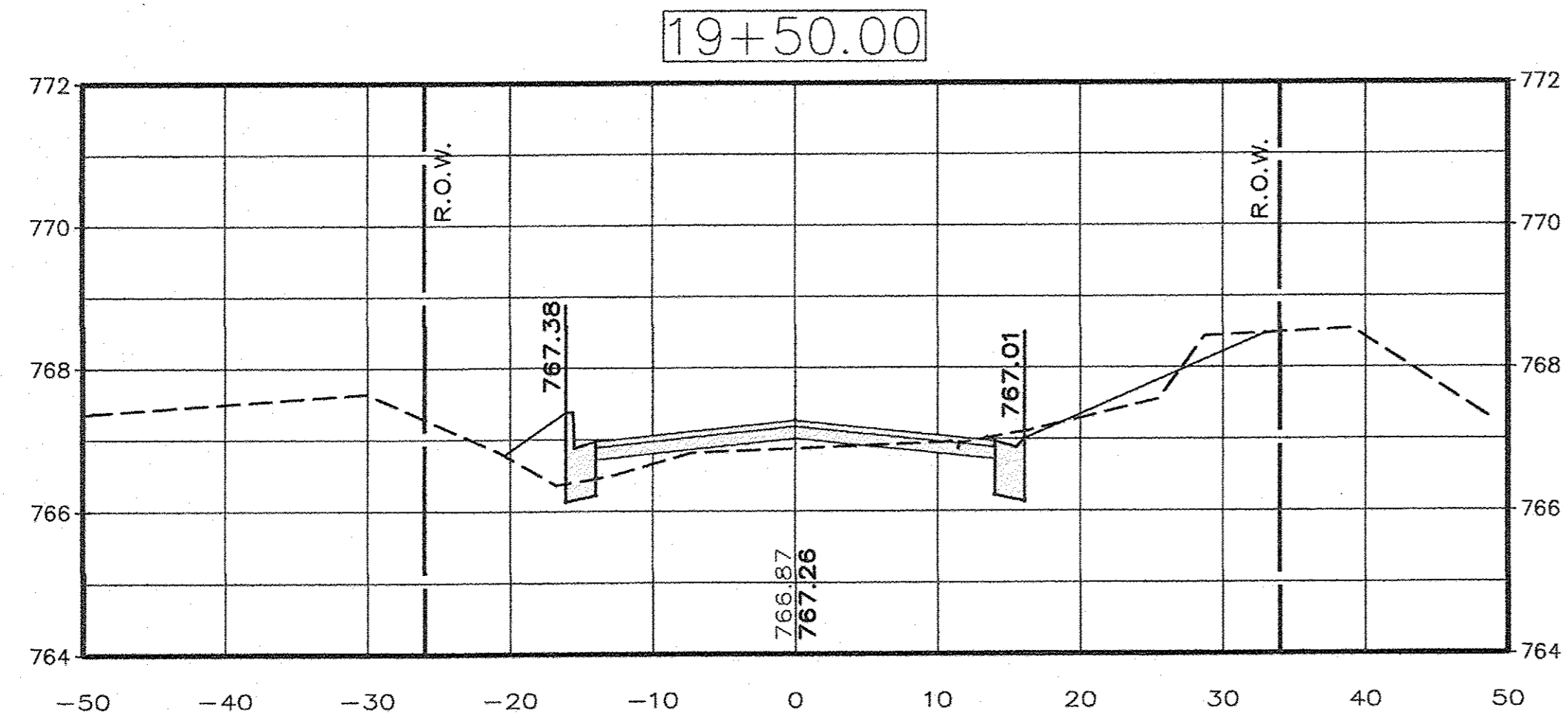
EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA, ILLINOIS

CROSS SECTIONS  
 STATIONS: 15+50 - 18+00

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
 1714 FOURTH STREET | 903 MAIN STREET  
 PERU, ILLINOIS 61354 | MENDOTA, ILLINOIS 61342  
 TELEPHONE: (815) 224-8500 | TELEPHONE: (815) 539-8137  
 FAX: (815) 224-9575 | FAX: (815) 539-8149  
 E-MAIL ADDRESS: AEA@AENET.COM  
 PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365

contract # 87652  
 DATE: MAR. 2017  
 SHEET: 16 OF: 20  
 AutoCAD DRAWING: X-SECTS.DWG  
 PROJECT NO.: MEND1606





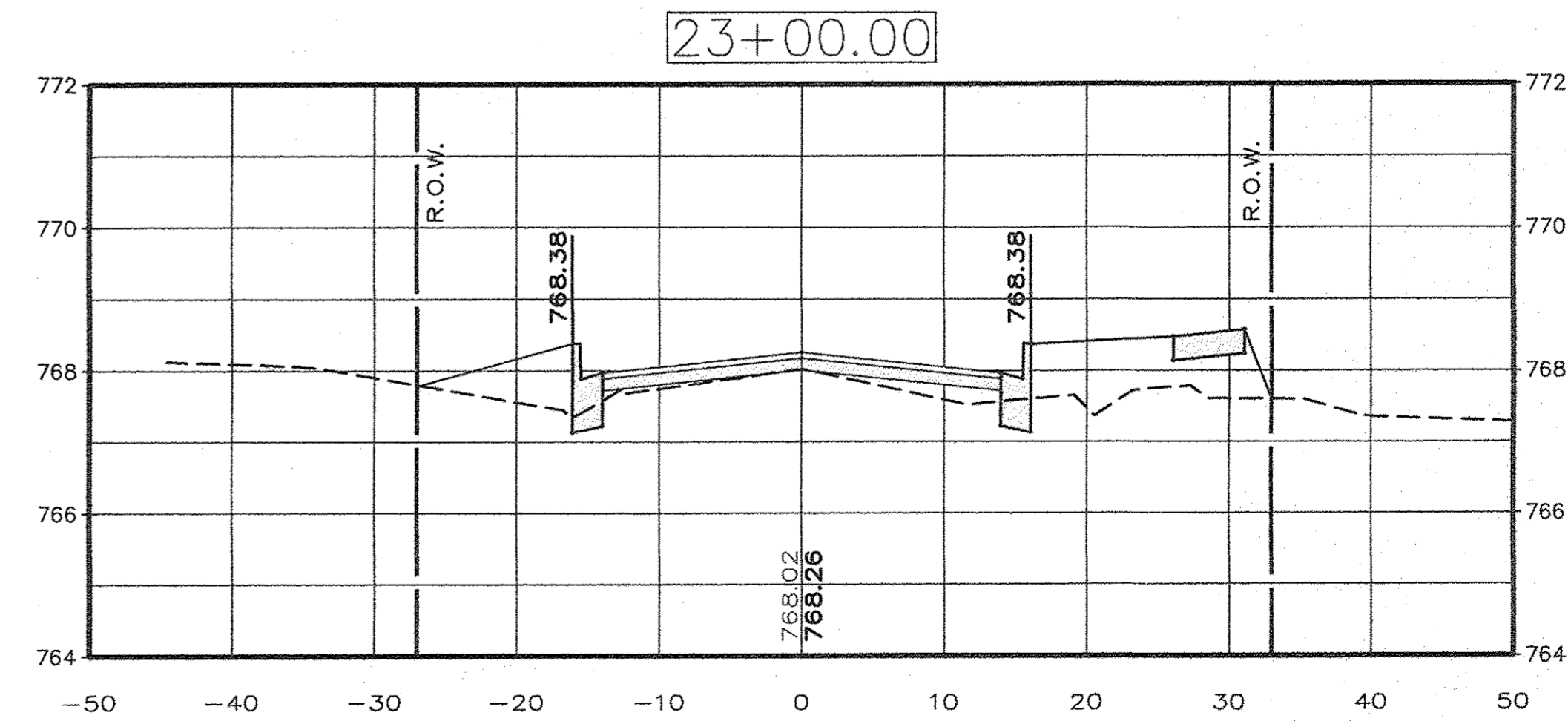
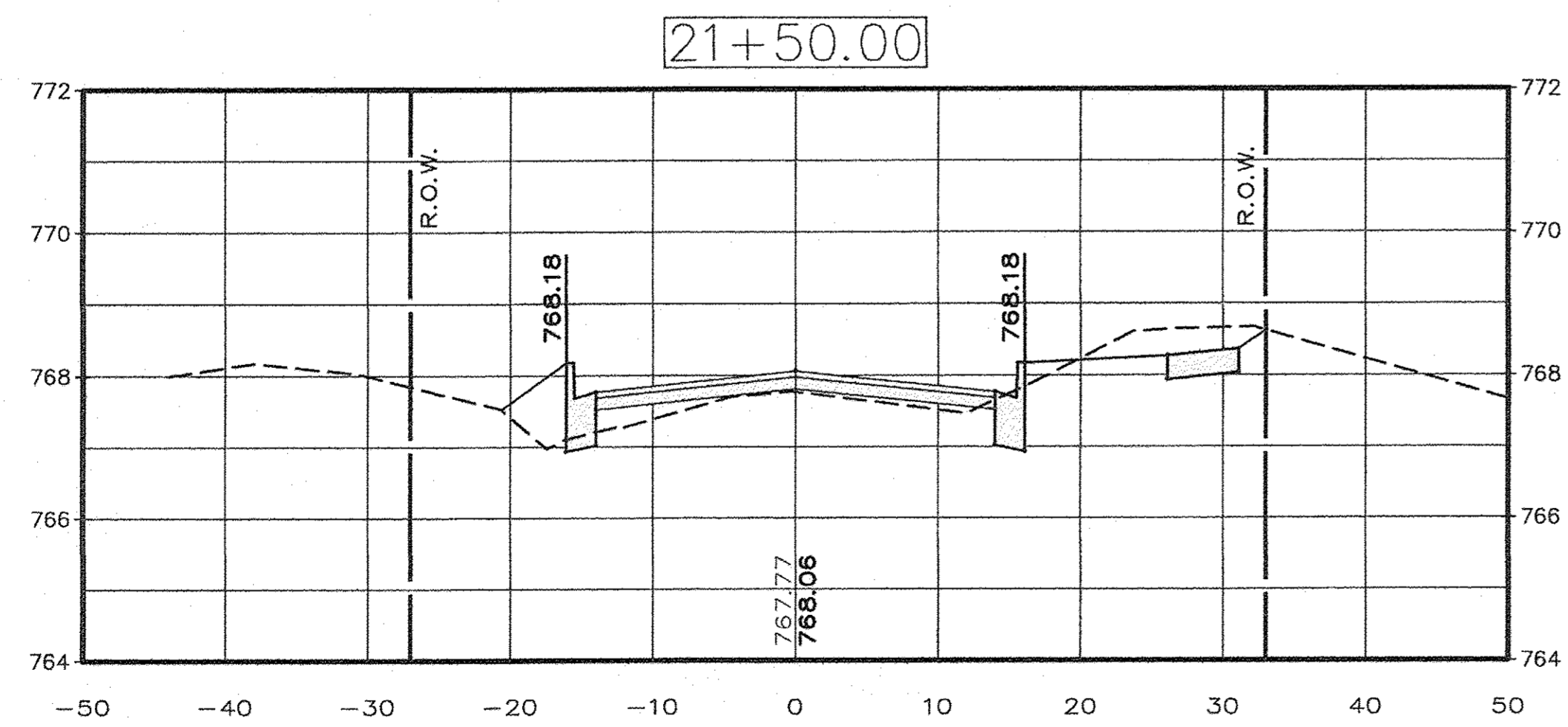
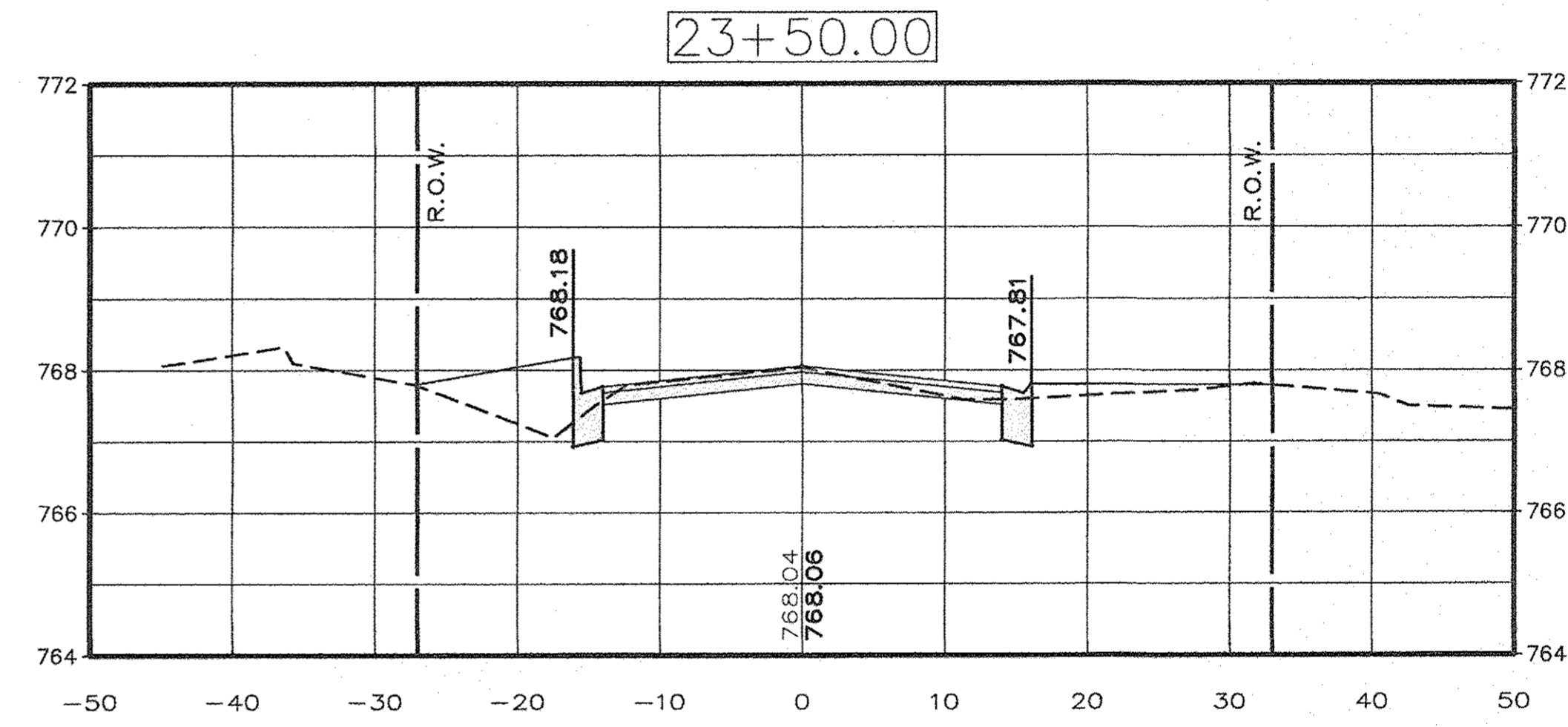
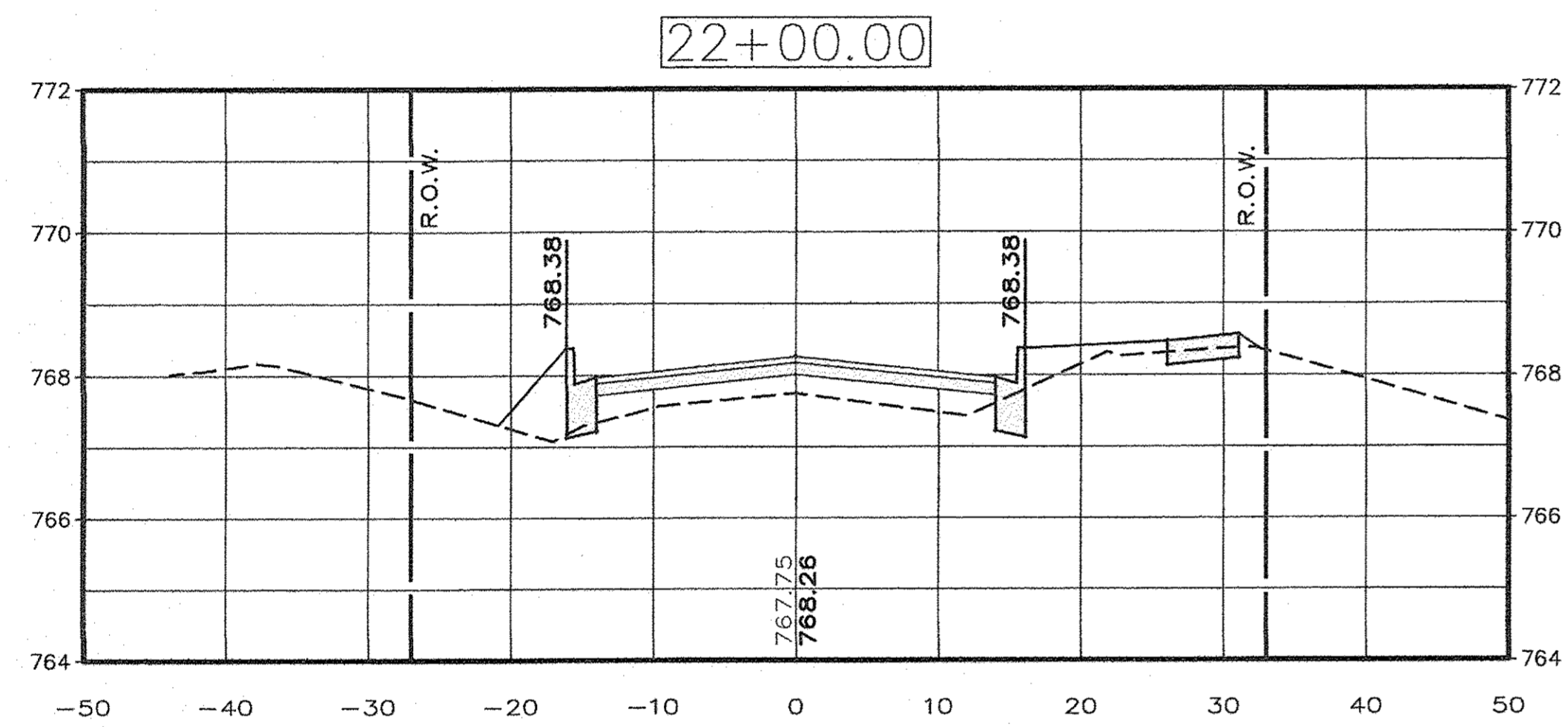
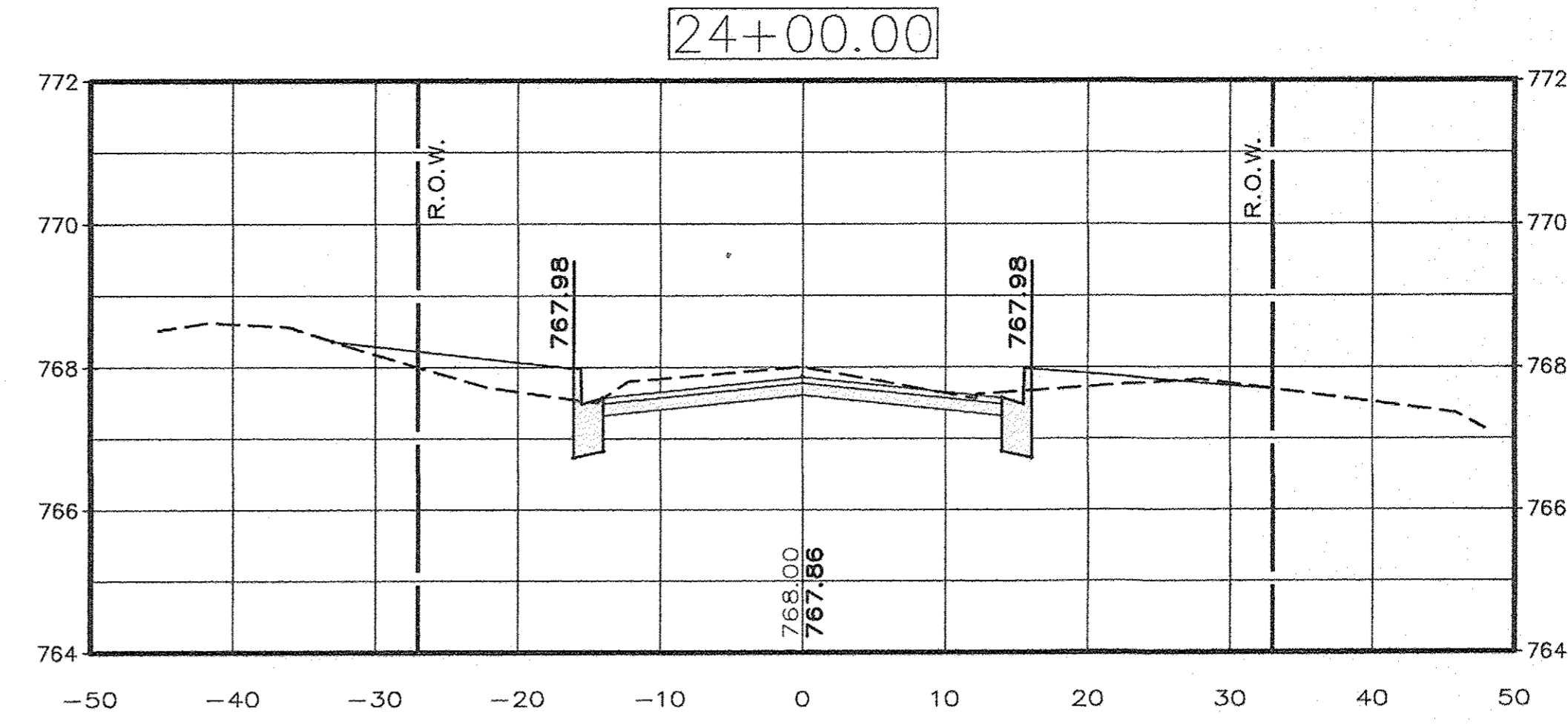
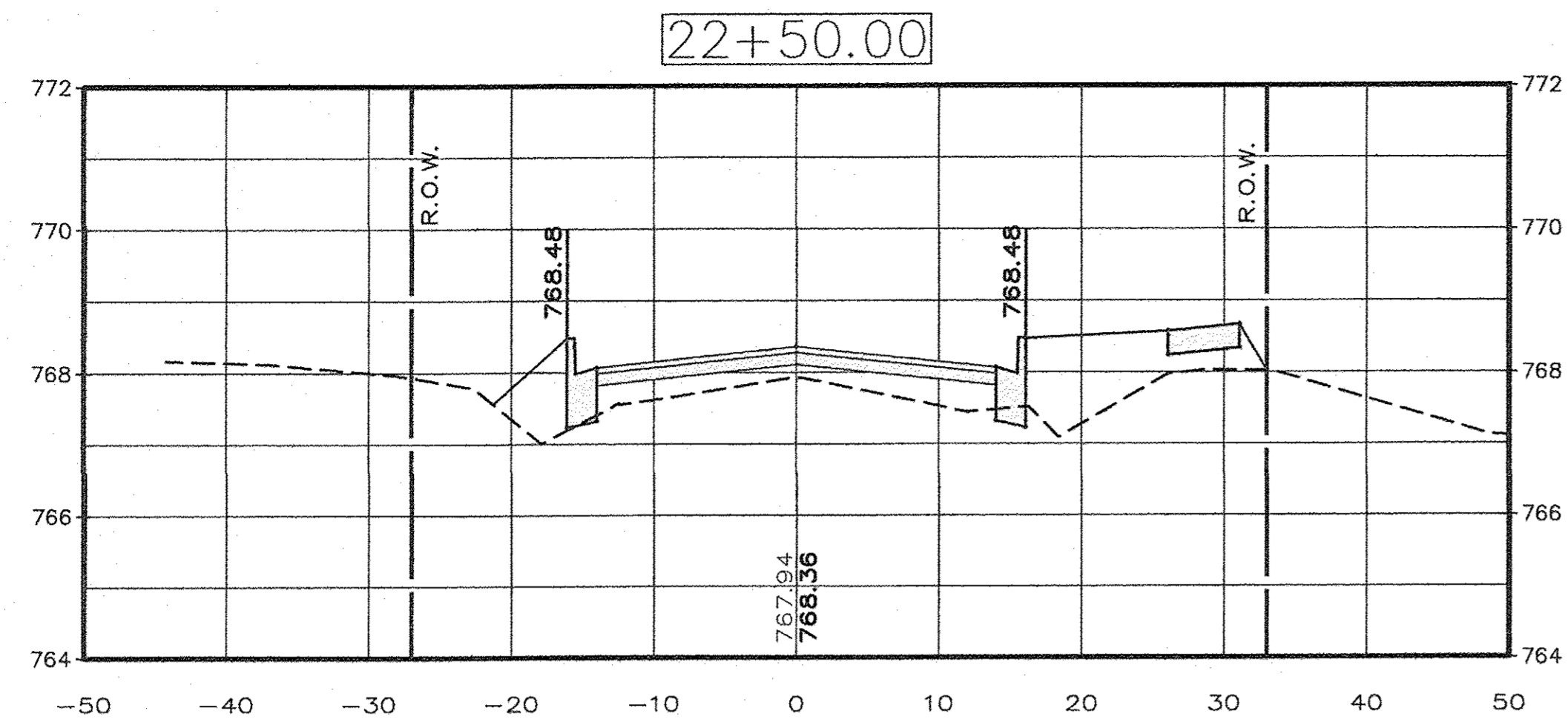
DRAWN BY: D.E.Z.  
 DESIGNED BY: E.H.K.  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 2'

**EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA, ILLINOIS**

**CROSS SECTIONS  
 STATIONS: 18+50 - 21+00**

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
 1714 FOURTH STREET 903 MAIN STREET  
 PERU, ILLINOIS 61354 MENDOTA, ILLINOIS 61342  
 TELEPHONE: (815) 224-8500 TELEPHONE: (815) 539-8137  
 FAX: (815) 224-8578 FAX: (815) 539-8149  
 E-MAIL ADDRESS = AEA@AEAINC1.COM  
 PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365

Contract # 87652  
 DATE: MAR. 2017  
 SHEET: 17 OF: 20  
 AutoCAD DRAWING: X-SECTS.DWG  
 PROJECT NO.: MEND1606



DRAWN BY: D.E.Z.  
DESIGNED BY: E.H.K.

HORIZONTAL SCALE: 1" = 10'  
VERTICAL SCALE: 1" = 2'

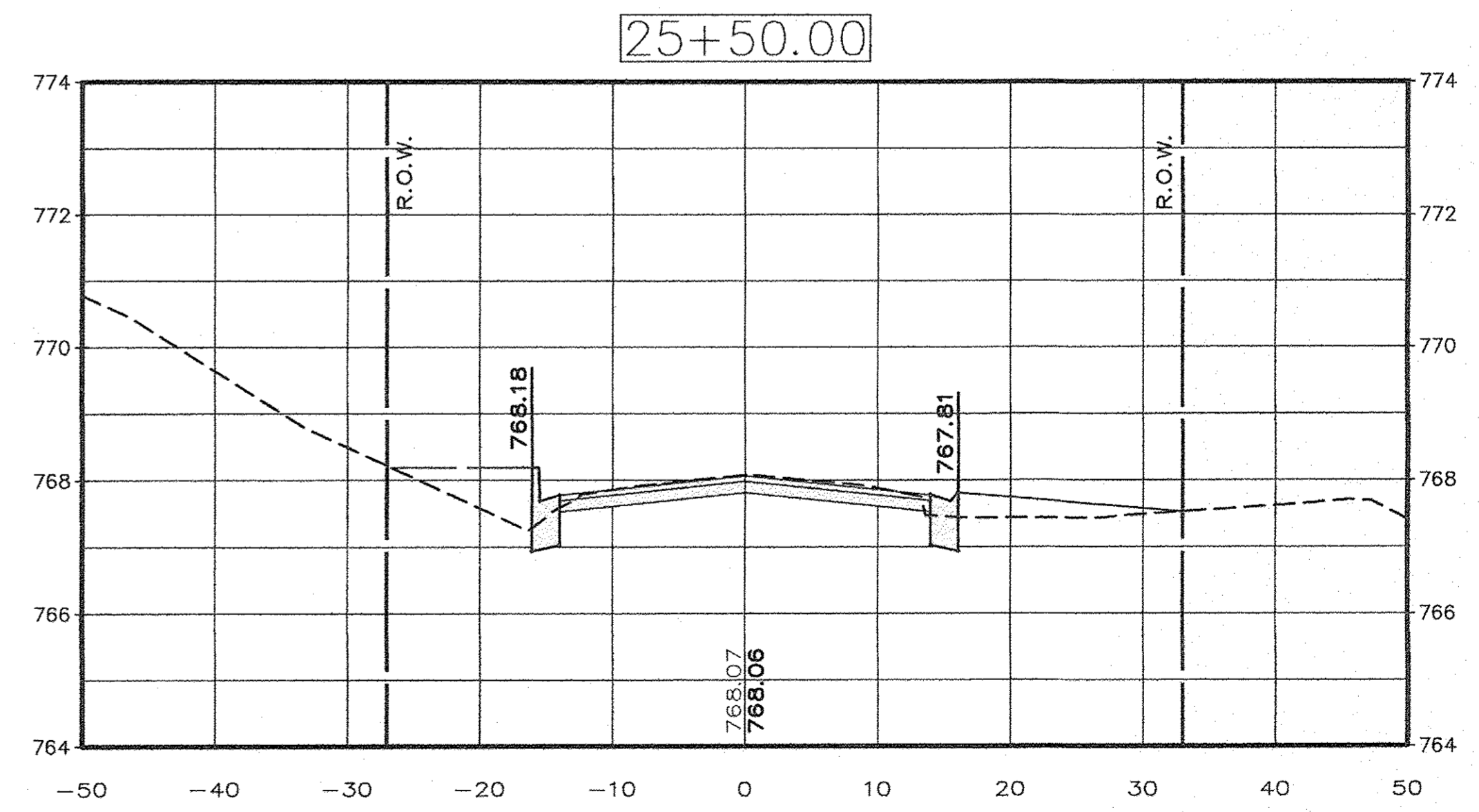
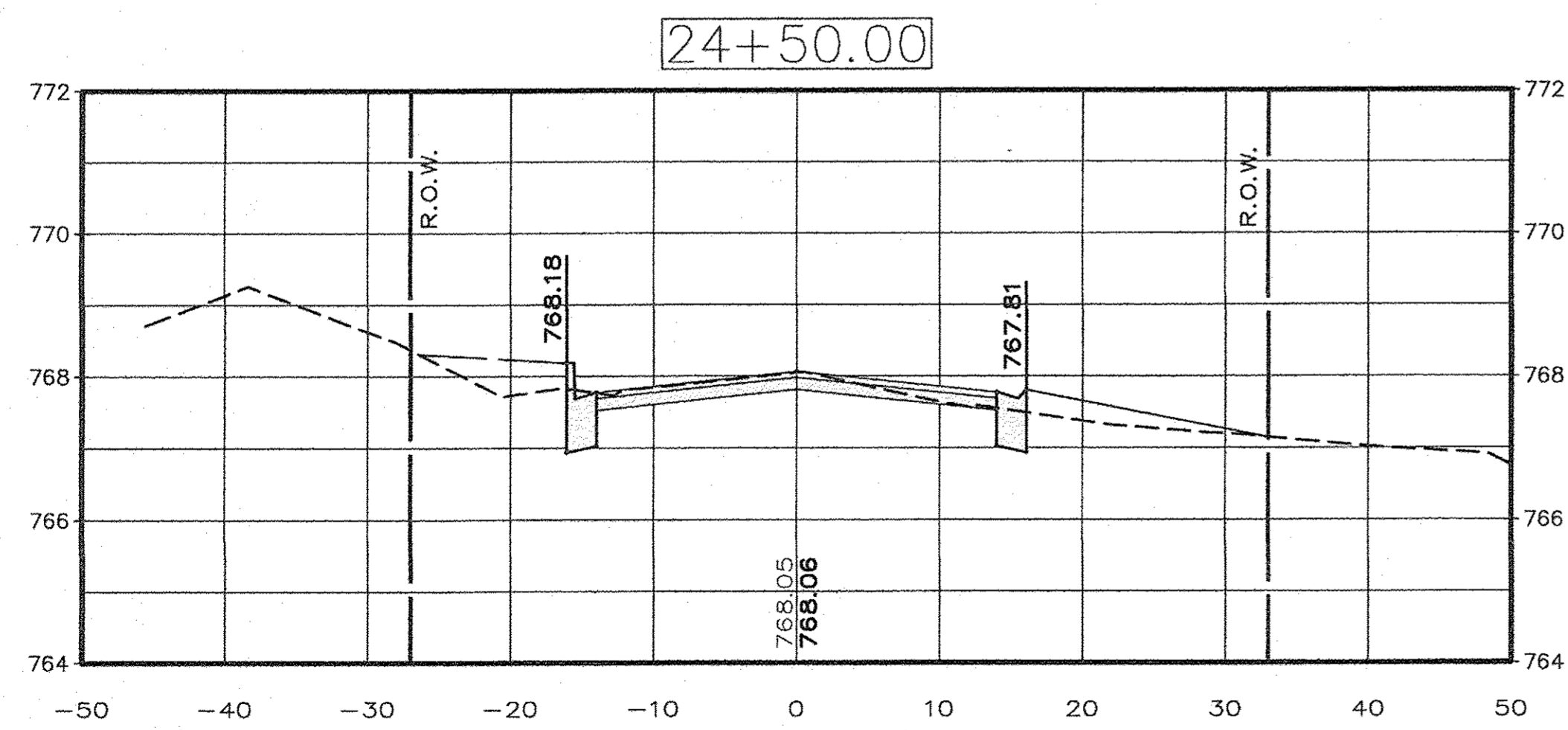
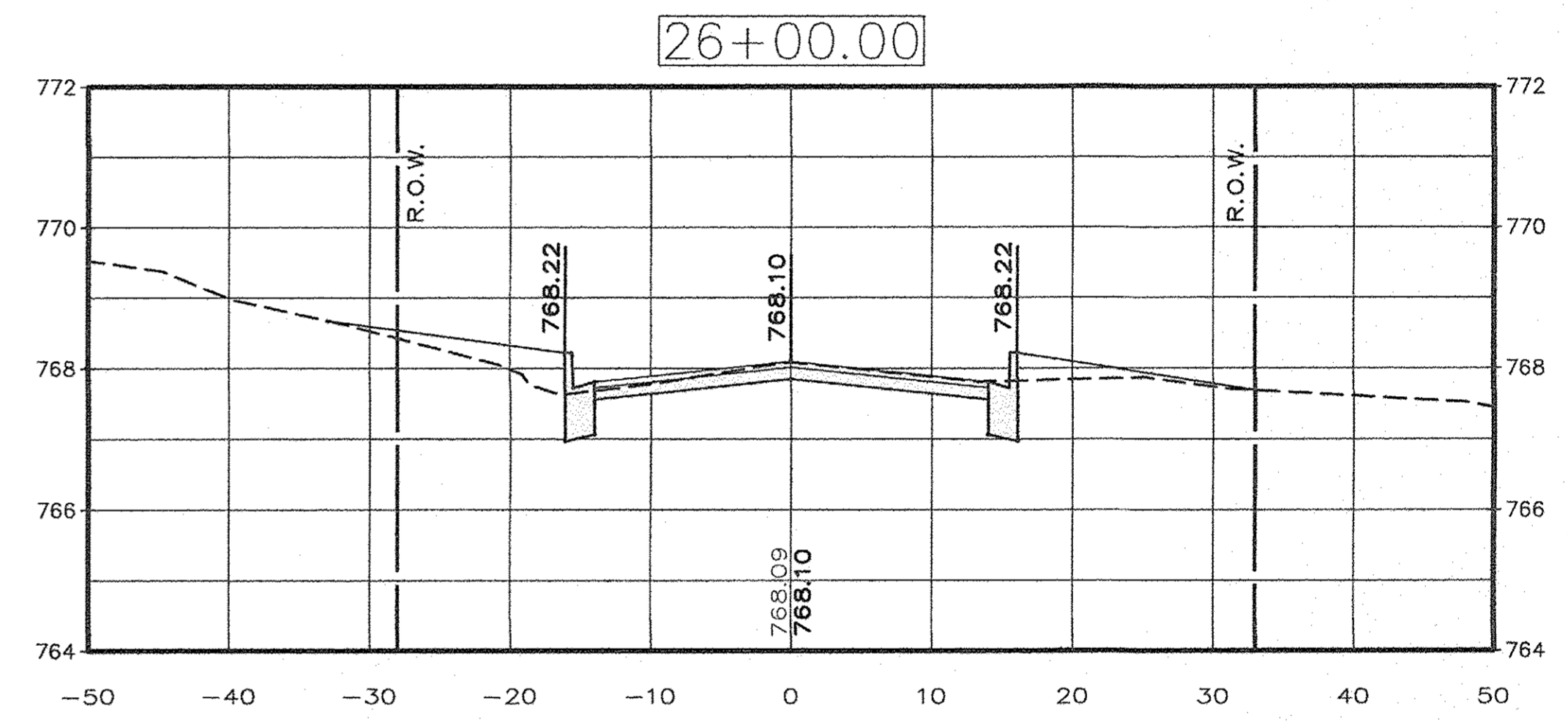
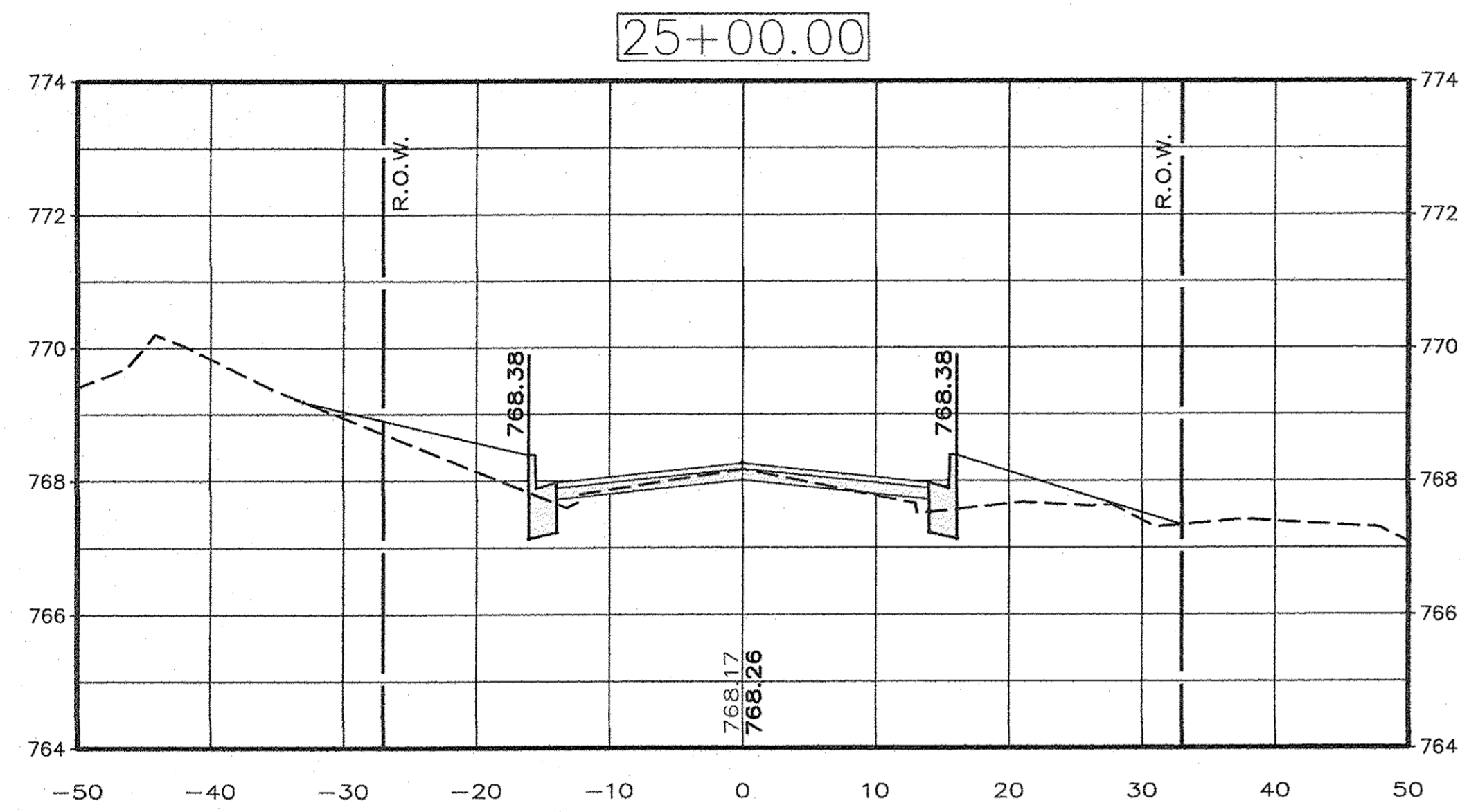
EAST MAIN STREET F.A.U. PROJECT  
IN THE CITY OF MENDOTA, ILLINOIS

CROSS SECTIONS  
STATIONS: 21+50 - 24+00

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
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PROFESSIONAL DESIGN FIRM LICENSE No. 184-001365 E-MAIL ADDRESS: AEA@AEGAINCT.COM

Contract # 87652  
DATE: MAR. 2017 SHEET: 18 OF: 20  
AutoCAD DRAWING: X-SECTS.DWG  
PROJECT NO.: MEND1606





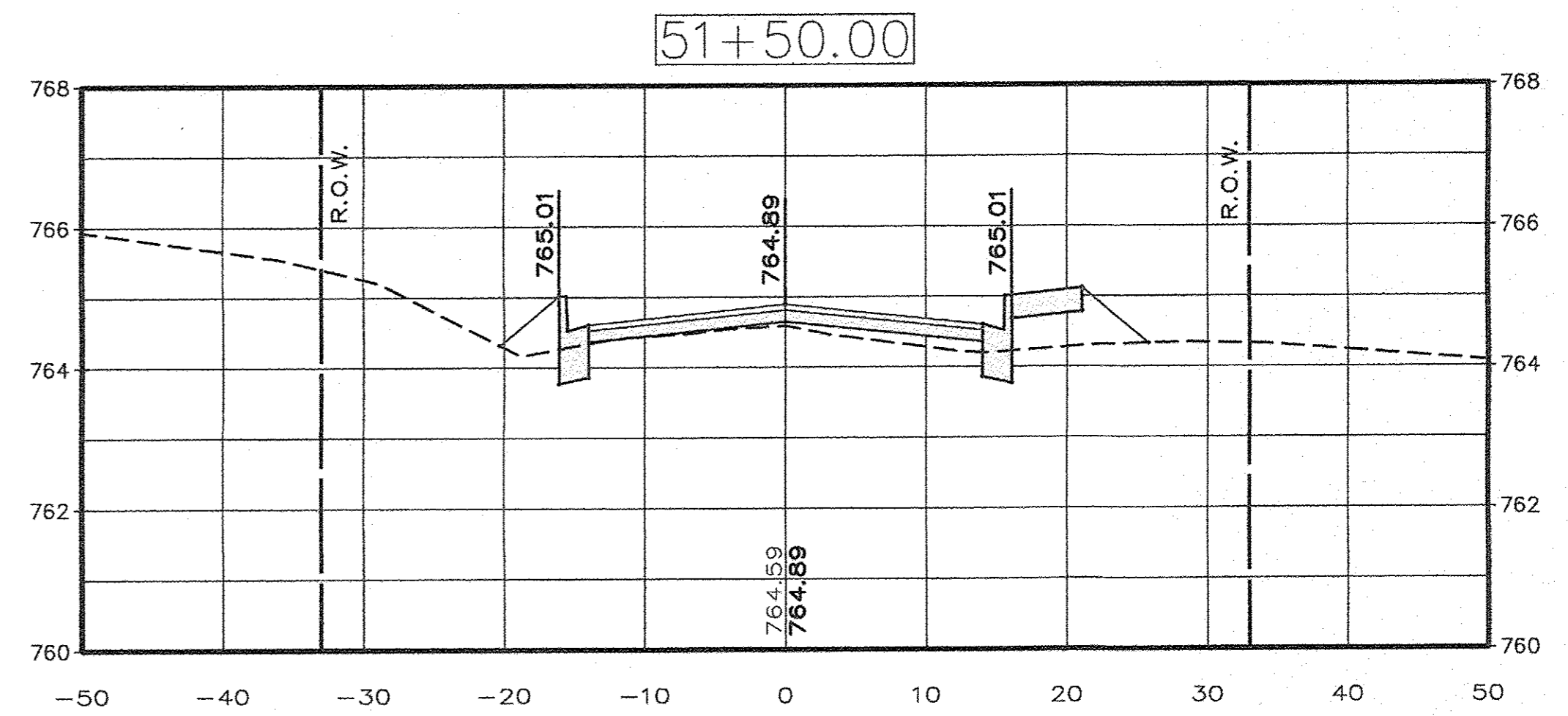
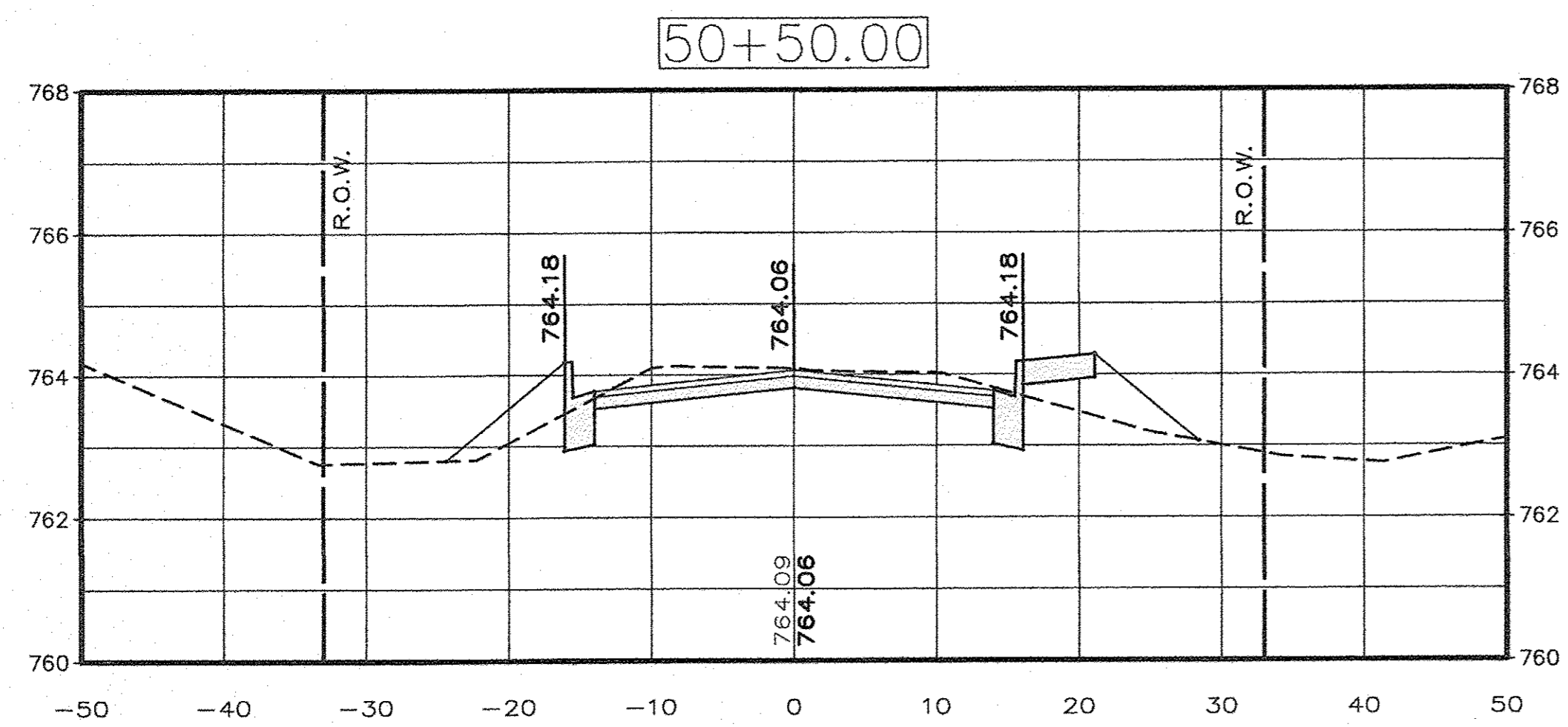
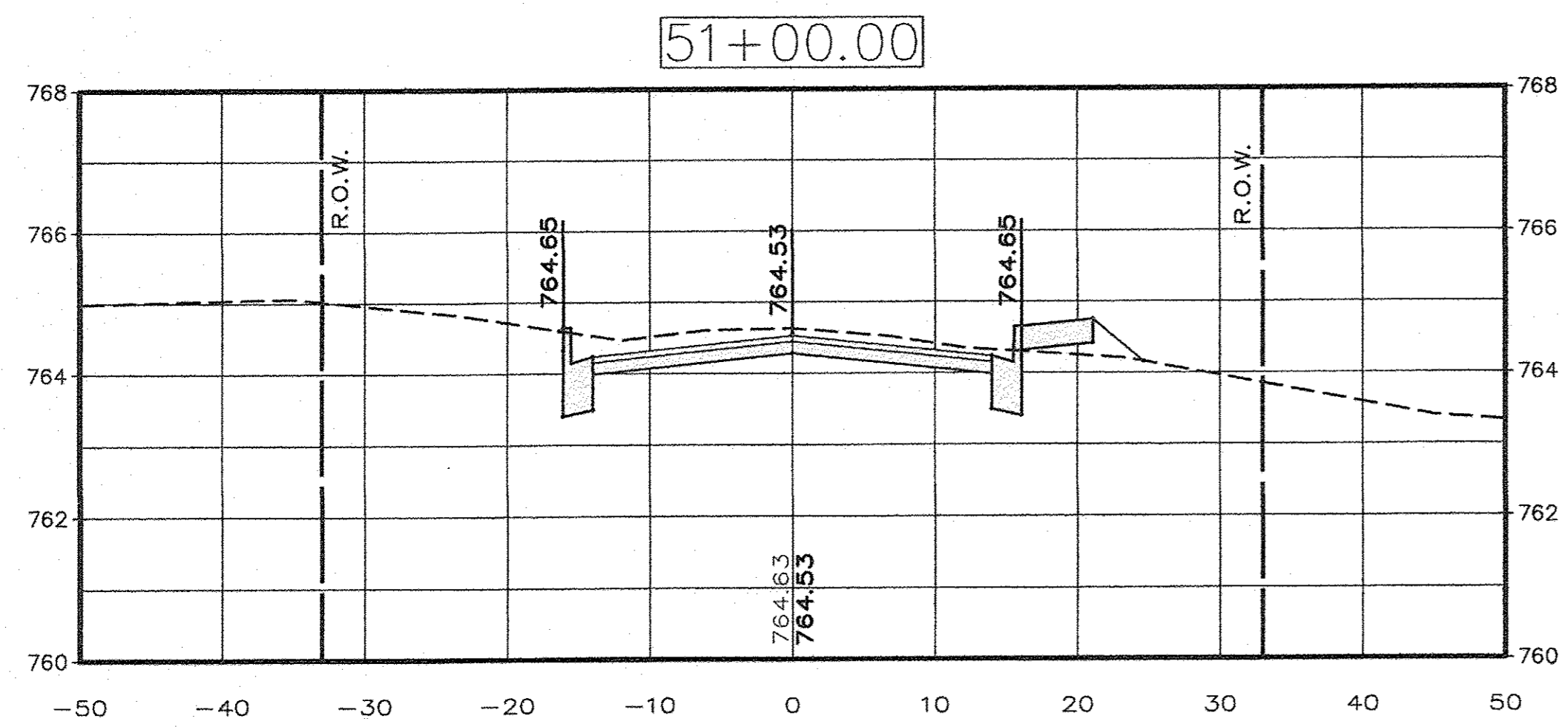
DRAWN BY: D.E.Z.      HORIZONTAL SCALE: 1" = 10'  
 DESIGNED BY: E.H.K.      VERTICAL SCALE: 1" = 2'

**EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA, ILLINOIS**

**CROSS SECTIONS  
 STATIONS: 24+50 - 26+00**

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
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Contract #87652  
 DATE: MAR. 2017      SHEET: 19 OF: 20  
 AutoCAD DRAWING: X-SECTS.DWG  
 PROJECT NO.: MEND1606



DRAWN BY: D.E.Z.  
 HORIZONTAL SCALE: 1" = 10'  
 DESIGNED BY: E.H.K.  
 VERTICAL SCALE: 1" = 2'

**EAST MAIN STREET F.A.U. PROJECT  
 IN THE CITY OF MENDOTA, ILLINOIS**

**CROSS SECTIONS  
 STATIONS: 50+50 - 51+50**

**AEA** ADVANCED ENGINEERING ASSOCIATES, INC.  
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 FAX: (815) 224-8570 FAX: (815) 539-8149  
 E-MAIL ADDRESS = AEA@AEAINCT.COM

Contract # 37652  
 DATE: MAR. 2017 SHEET: 20  
 OF: 20  
 PROJECT NO.: MEND1606