

FILE: S:\PROJECTS\2011\139081\Phase1\DESIGN\78-113\phase2\crosssections\sheet.dgn

REVISION	DATE	BY	REMARKS
1	03/22/13	TJA	DDOT COMMENTS FROM JAN. 28, 2013

DRAWN
T.J.A.
CHECKED
C.J.B.
APPROVED
C.J.B.

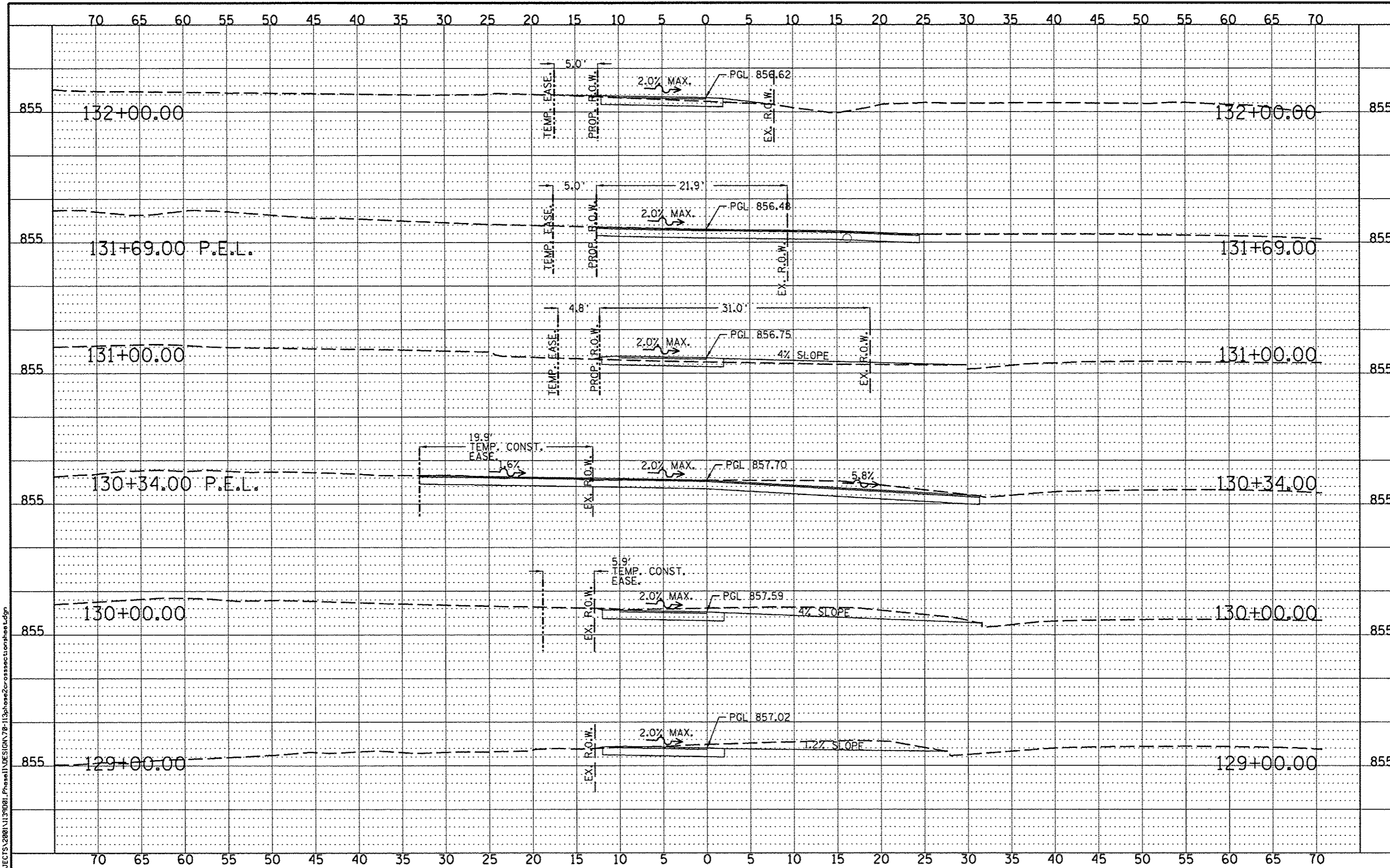
WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



CROSS SECTION SHEET
STA. 126+00.00 - STA. 128+66.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		
STA. 0+04.96	STA. 170+75.02		
WHA #: 1139001	DATE: 03/01/2013	124	101

FILE = S:\PROJECTS\2008\1139001_Phase1\DESIGN\78-113\phase2\crosssections\sheet.dgn



REVISION	DATE	BY	REMARKS
#1	03/22/13	TJA	IDOT COMMENTS FROM JAN. 28, 2013

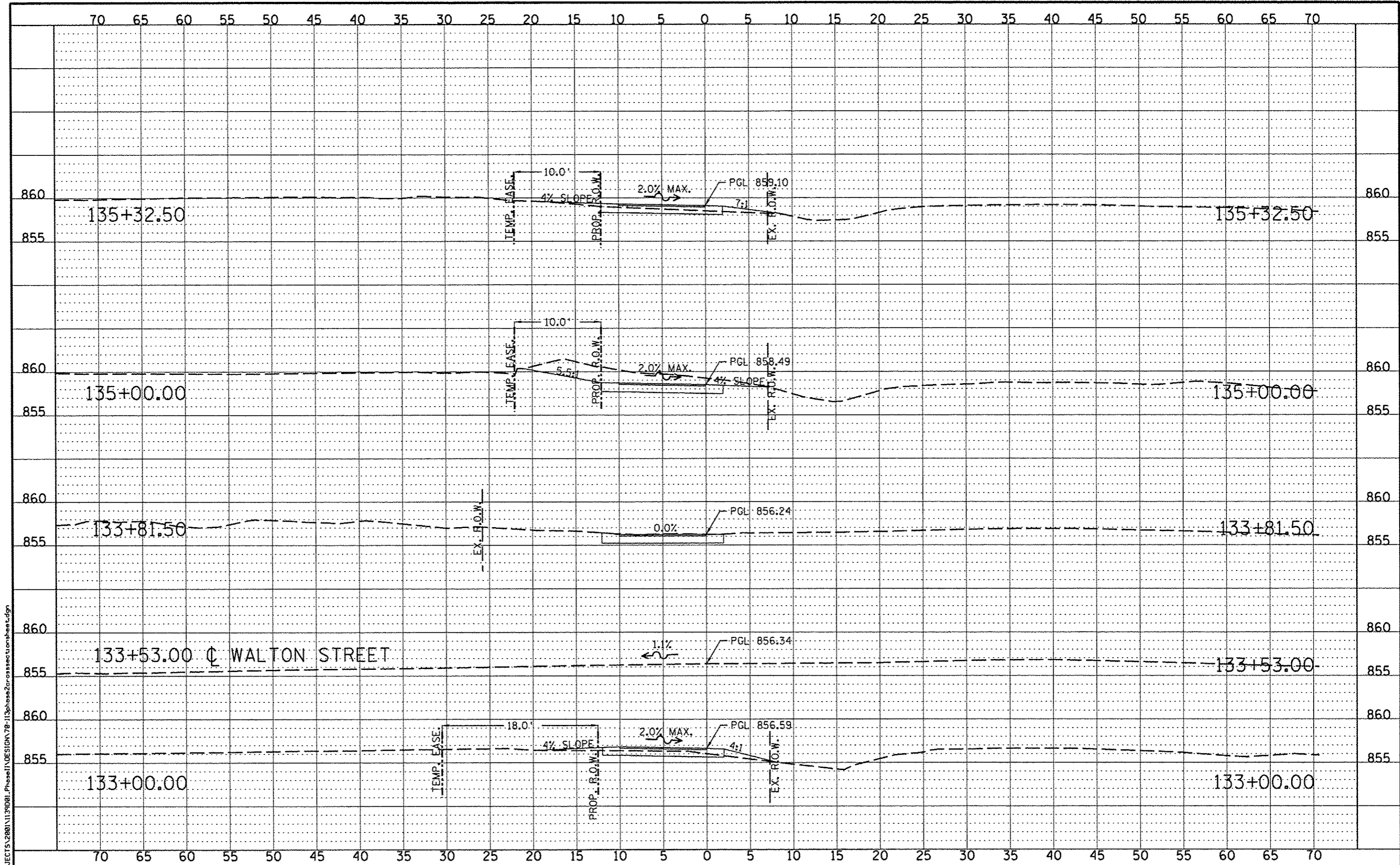
DRAWN	T.J.A.
CHECKED	C.J.B.
APPROVED	C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



CROSS SECTION SHEET
STA. 129+00.00 - STA. 132+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	102
STA. 0+04.96	STA. 170+75.02	DATE: 03/01/2013	
WHA #: 1139001			



FILE = S:\PROJECTS\2001\1139D01_Phase1\DESIGN\78-1139phase2crosssectionsheets.dgn

REVISION	DATE	BY	REMARKS
1	03/22/13	TJA	DOT COMMENTS FROM JAN. 26, 2013

DRAWN: T.J.A.
 CHECKED: C.J.B.
 APPROVED: C.J.B.

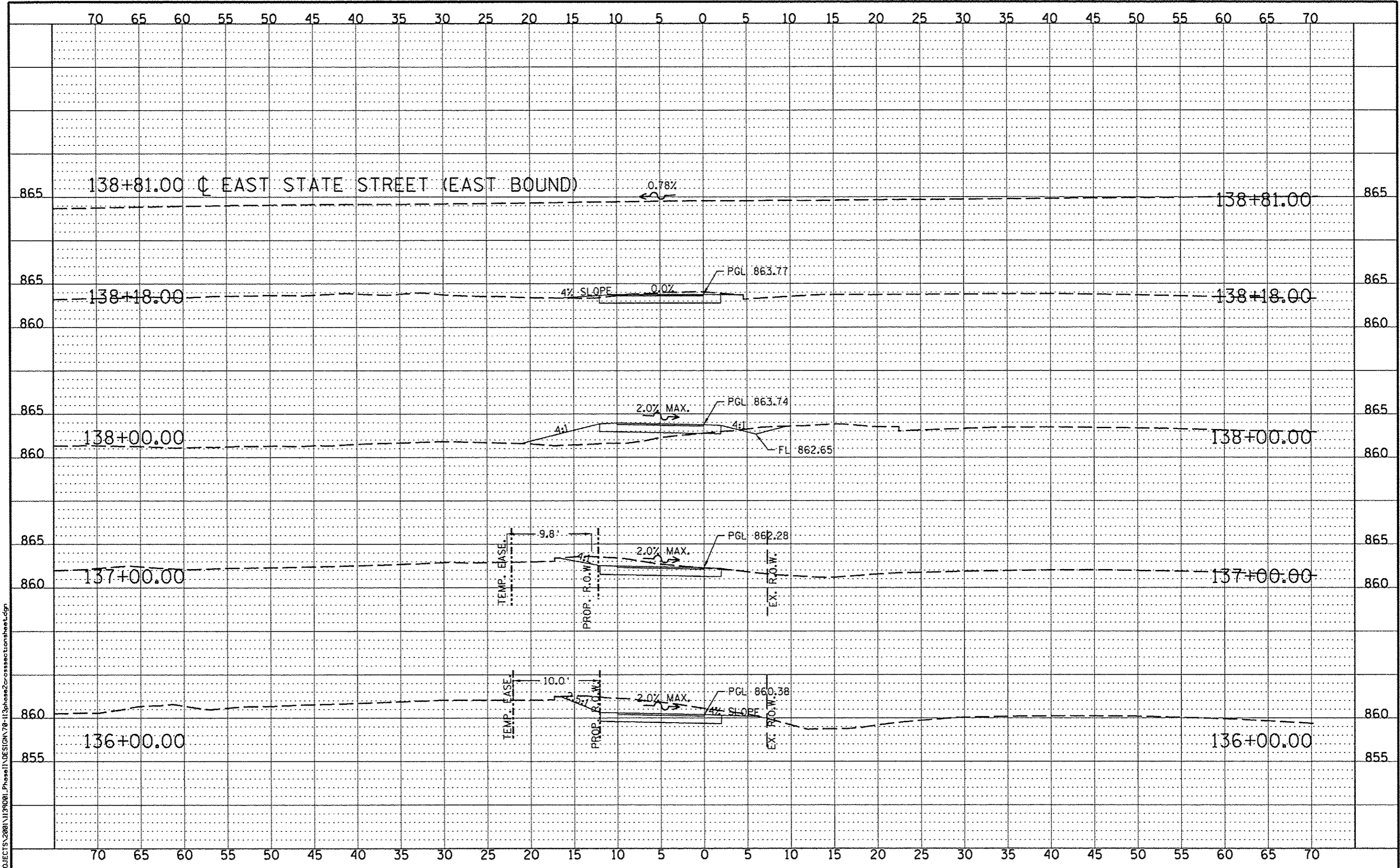
WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



CROSS SECTION SHEET

STA. 133+00.00 - STA. 135+32.50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	103
STA. 0+04.96	STA. 170+75.02		
WHA #: 1139D01	DATE: 03/01/2013		



FILE = S:\PROJECTS\2008\1139001\Phase1\DESIGN\78-113phase2crosssectionsheet.dgn

REVISION	DATE	BY	REMARKS
*1	03/22/13	TJA	DOT COMMENTS FROM JAN. 28, 2013

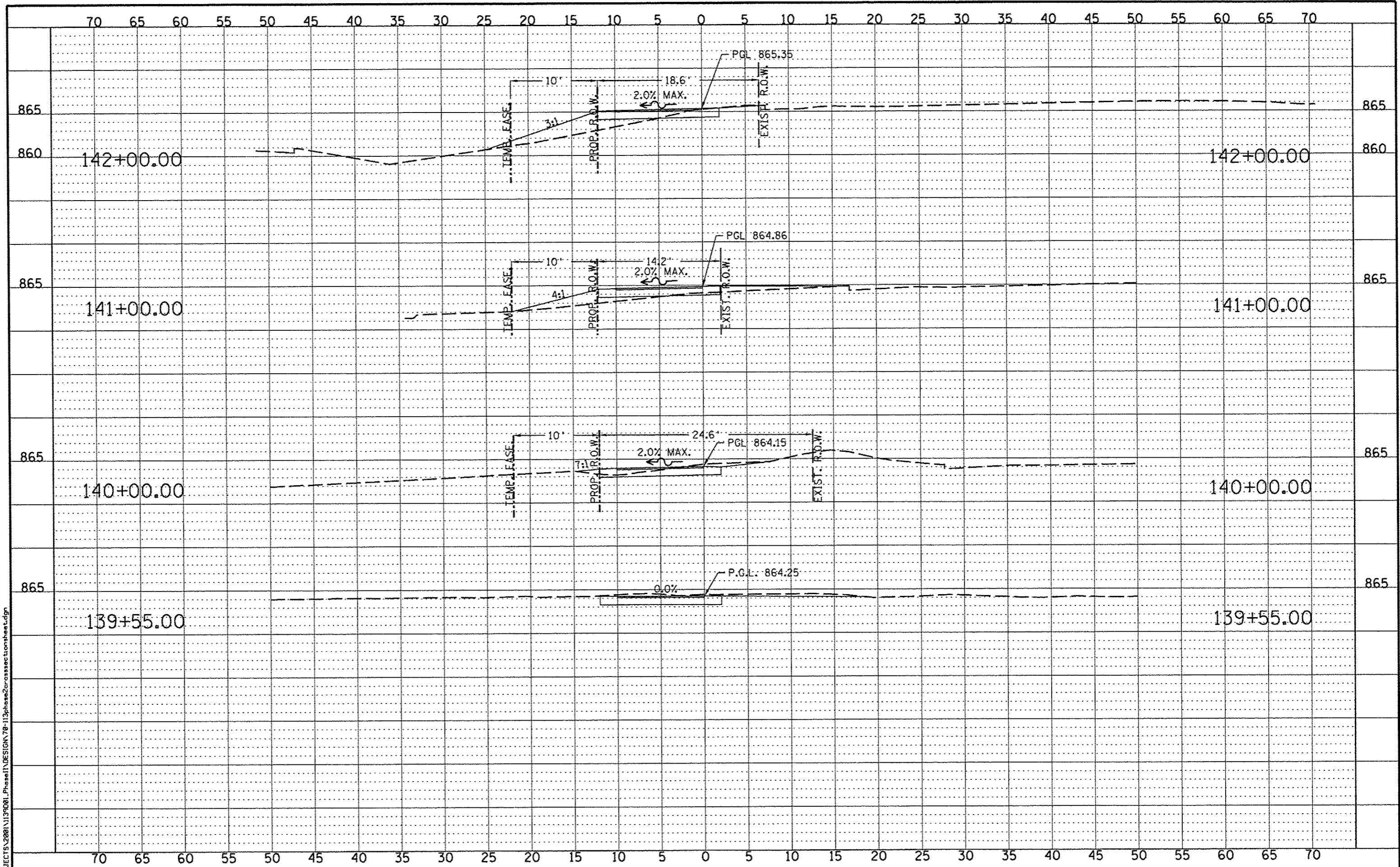
DRAWN
T.J.A.
CHECKED
C.J.B.
APPROVED
C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



CROSS SECTION SHEET
STA. 136+00.00 - STA. 138+81.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		
STA. 0+04.96	- STA. 170+75.02		
WHA #: 1139001	DATE: 03/01/2013	124	104



FILE: S:\PROJECTS\2008\1139001\Phase1\DESIGN\70-113phase2-cross-section-sheet.dgn

REVISION	DATE	BY	REMARKS
*1	03/22/13	TJA	IDOT COMMENTS FROM JAN. 28, 2013

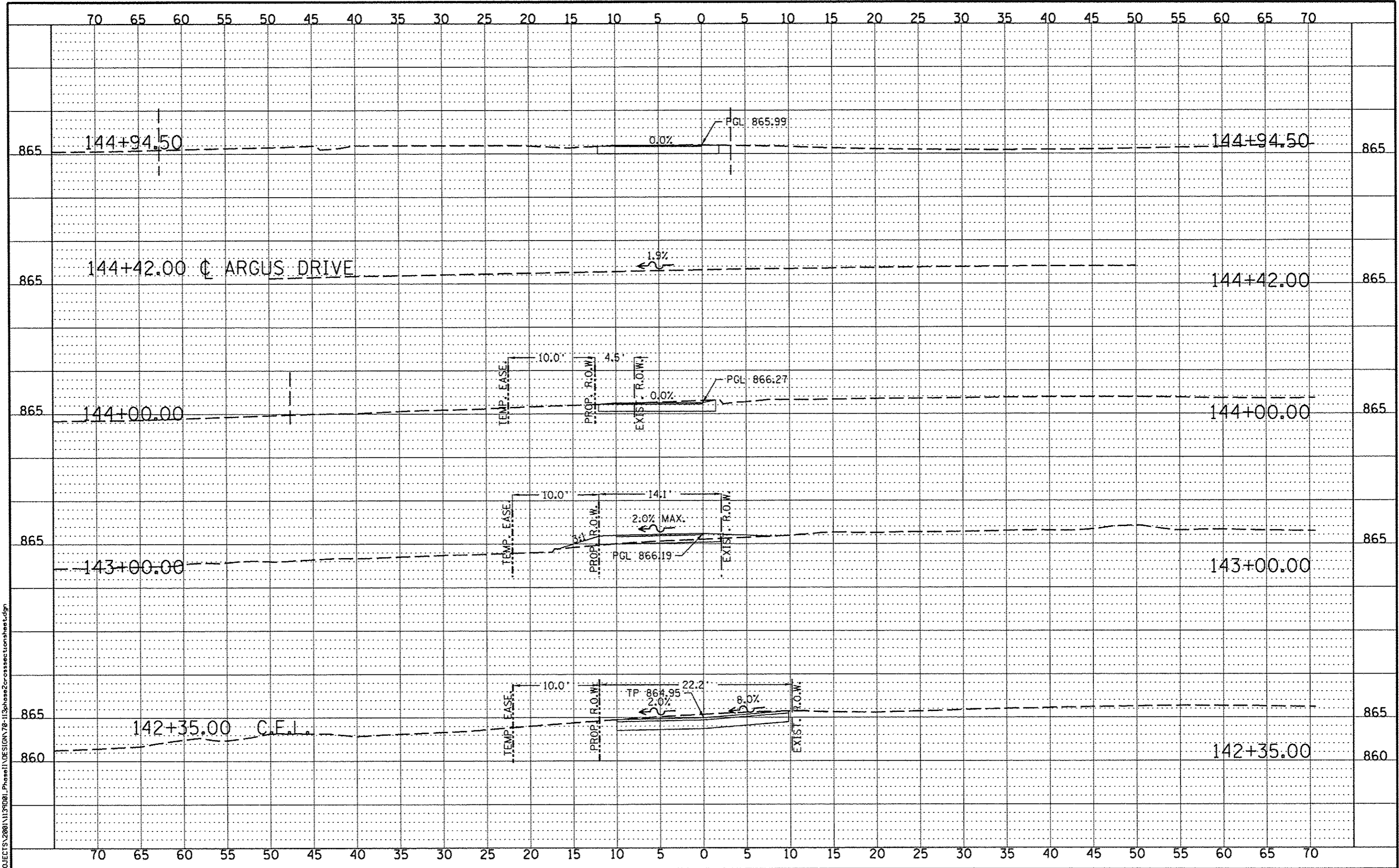
DRAWN
T.J.A.
CHECKED
C.J.B.
APPROVED
C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

WILLET HOFMANN
 & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 57 AIRPORT DRIVE, ROCKFORD, IL 61107
 T: 815-964-2597 FAX: 815-964-0998

CROSS SECTION SHEET
 STA. 139+14.00 - STA. 142+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		
STA. 0+04.96 - STA. 170+75.02			
WHA #: 1139001	DATE: 03/01/2013	124	105



REVISION #	DATE	BY	REMARKS
1	03/22/13	TJA	JDOT COMMENTS FROM JAN. 28, 2013

DRAWN T.J.A.
 CHECKED C.J.B.
 APPROVED C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

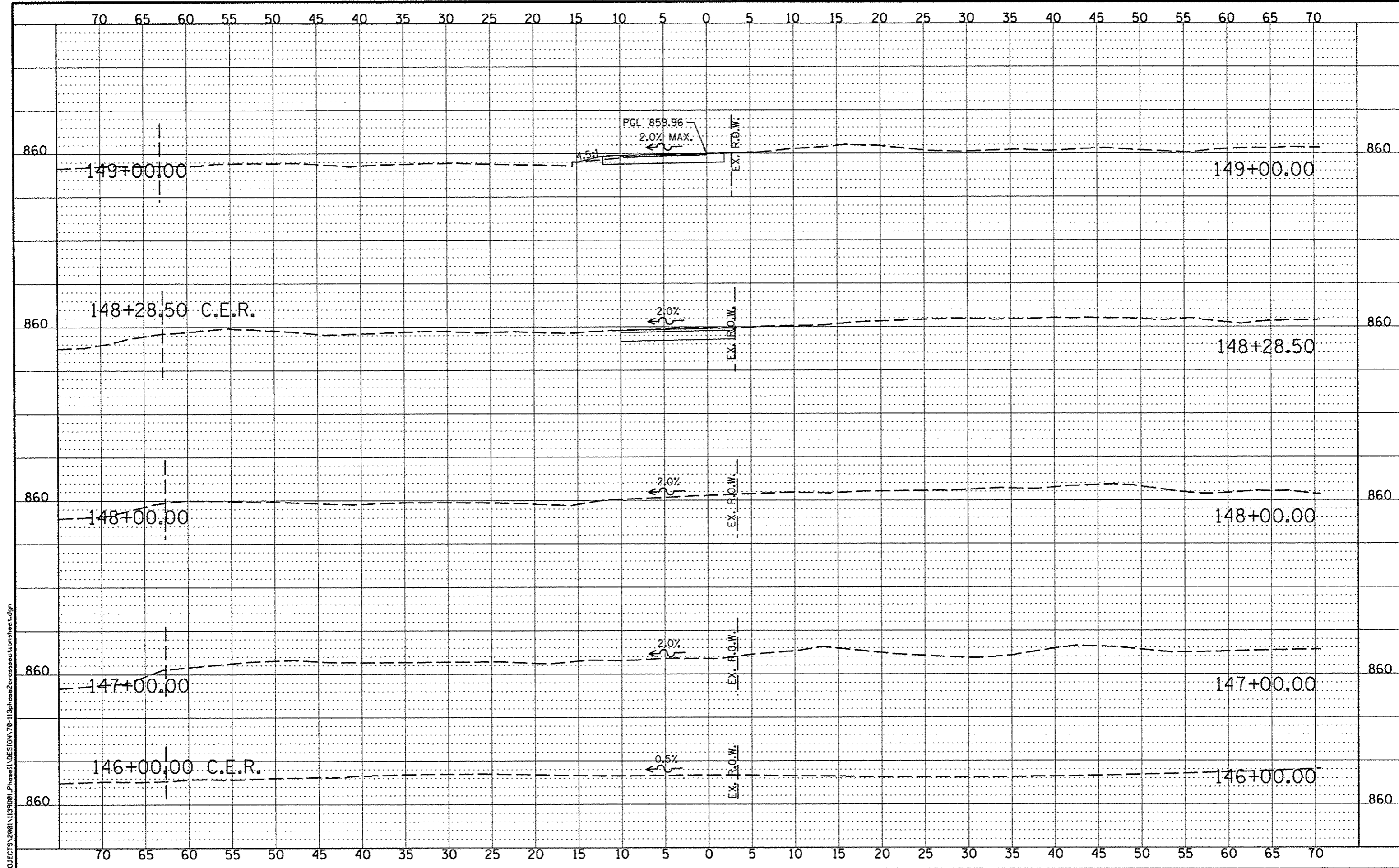


CROSS SECTION SHEET

STA. 142+35.00 - STA. 144+94.50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		124
STA. 0+04.96	STA. 170+75.02		106
WHA #: 1139D01	DATE: 03/01/2013		

FILE: S:\PROJECTS\2001\1139D01\Phase1\Drawings\1139D01-CrossSectionSheet.dgn



FILE: S:\PROJECTS\2008\1139001L\Phase1\DESIGN\78-113\phase2\crosssectionsheet.dgn

REVISION	DATE	BY	REMARKS
*1	03/22/13	TJA	DOT COMMENTS FROM JAN. 28, 2013

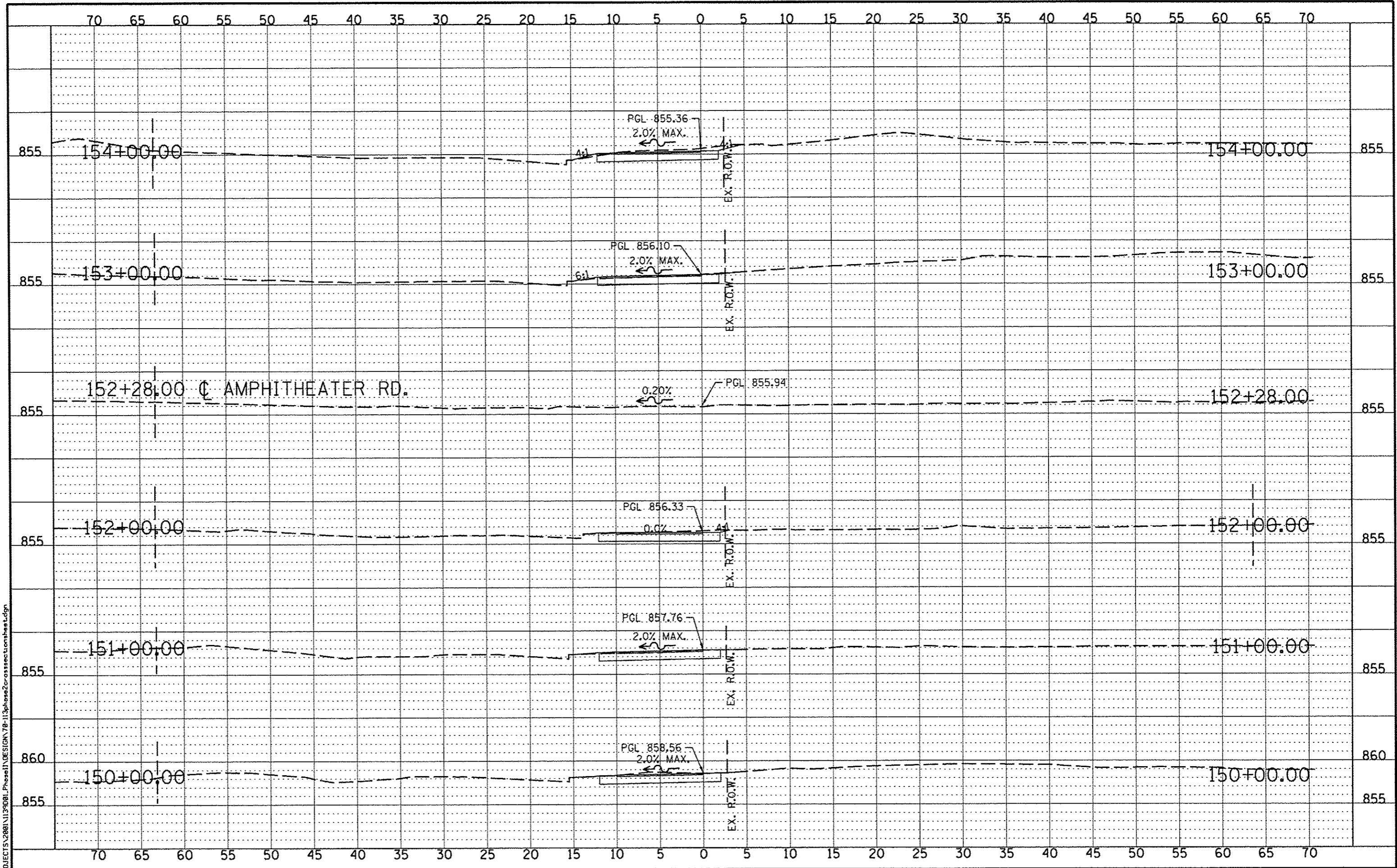
DRAWN	T.J.A.
CHECKED	C.J.B.
APPROVED	C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

WILLET HOFMANN ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 57 AIRPORT DRIVE, ROCKFORD, IL 61109
 T: 815-964-7597 DESIGN FROM: P184-00018

CROSS SECTION SHEET
 STA. 146+00.00 ~ STA. 149+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	107
STA. 0+04.96	STA. 170+75.02		
WHA #: 1139D01	DATE: 03/01/2013		



FILE = S:\PROJECTS\2008\1139001\Phase1\DESIGN\70-113\phase2-cross-section-sheet.dgn

REVISION	DATE	BY	REMARKS
*1	03/22/13	TJA	IDOT COMMENTS FROM JAN. 28, 2013

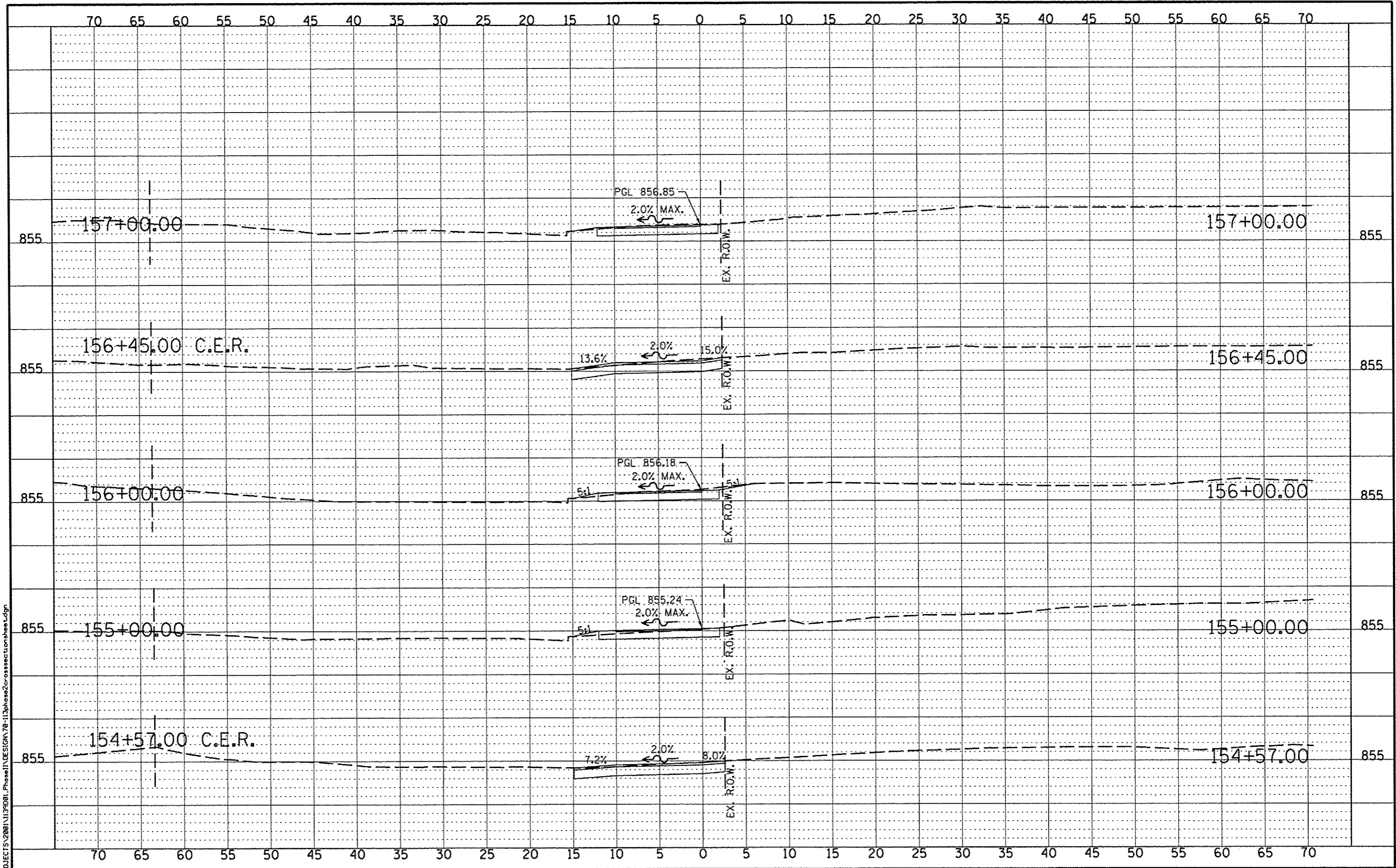
WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



WILLET HOFMANN
 ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 57 AIRPORT DRIVE, ROCKFORD, IL 61109
 T: 815-294-2897 FAX: 815-294-2878

CROSS SECTION SHEET
 STA. 150+00.00 - STA. 154+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	108
STA. 0+04.96	STA. 170+75.02		
WHA #: 1139001	DATE: 03/01/2013		



FILE - S:\PROJECTS\2008\1139001_PhaseII\DESIGN\76-113\phase2-cross-sections\sheet.dgn

REVISION	DATE	BY	REMARKS
*1	03/22/13	TJA	100% COMMENTS FROM JAN. 28, 2013

DRAWN	T.J.A.
CHECKED	C.J.B.
APPROVED	C.J.B.

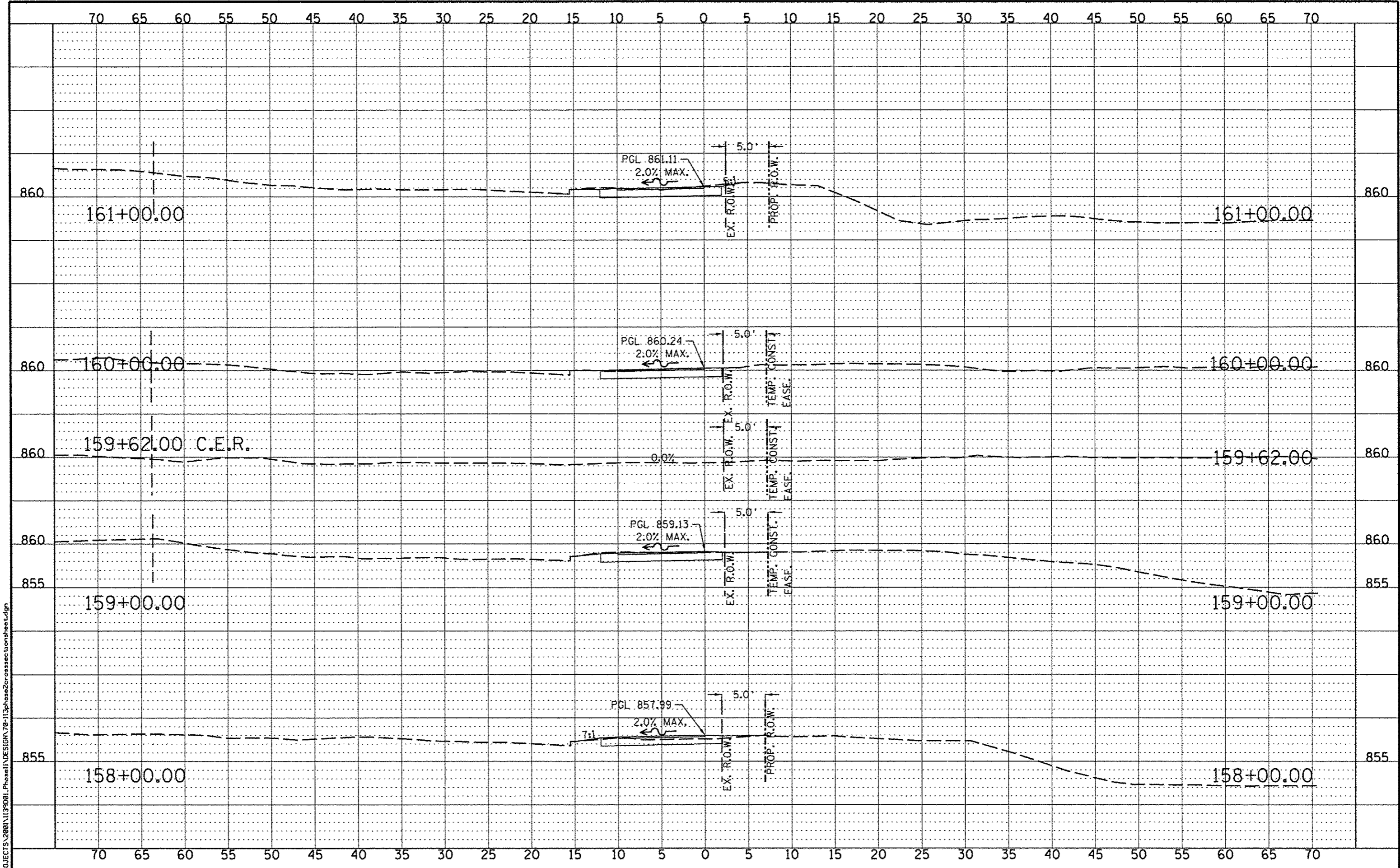
WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



WILLETT HOFMANN ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 57 AIRPORT DRIVE, ROCKFORD, IL 61109
 T: 815-964-2897 DESIGN: FJH/EL/EGG/13

CROSS SECTION SHEET
 STA. 154+57.00 - STA. 157+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		
STA. 0+04.96	STA. 170+75.02		
WHA #: 1139001	DATE: 03/01/2013	124	109



FILE = S:\PROJECTS\2008\1139001\Phase1\DESIGN\70-113\phase2\crosssections\sheet.dgn

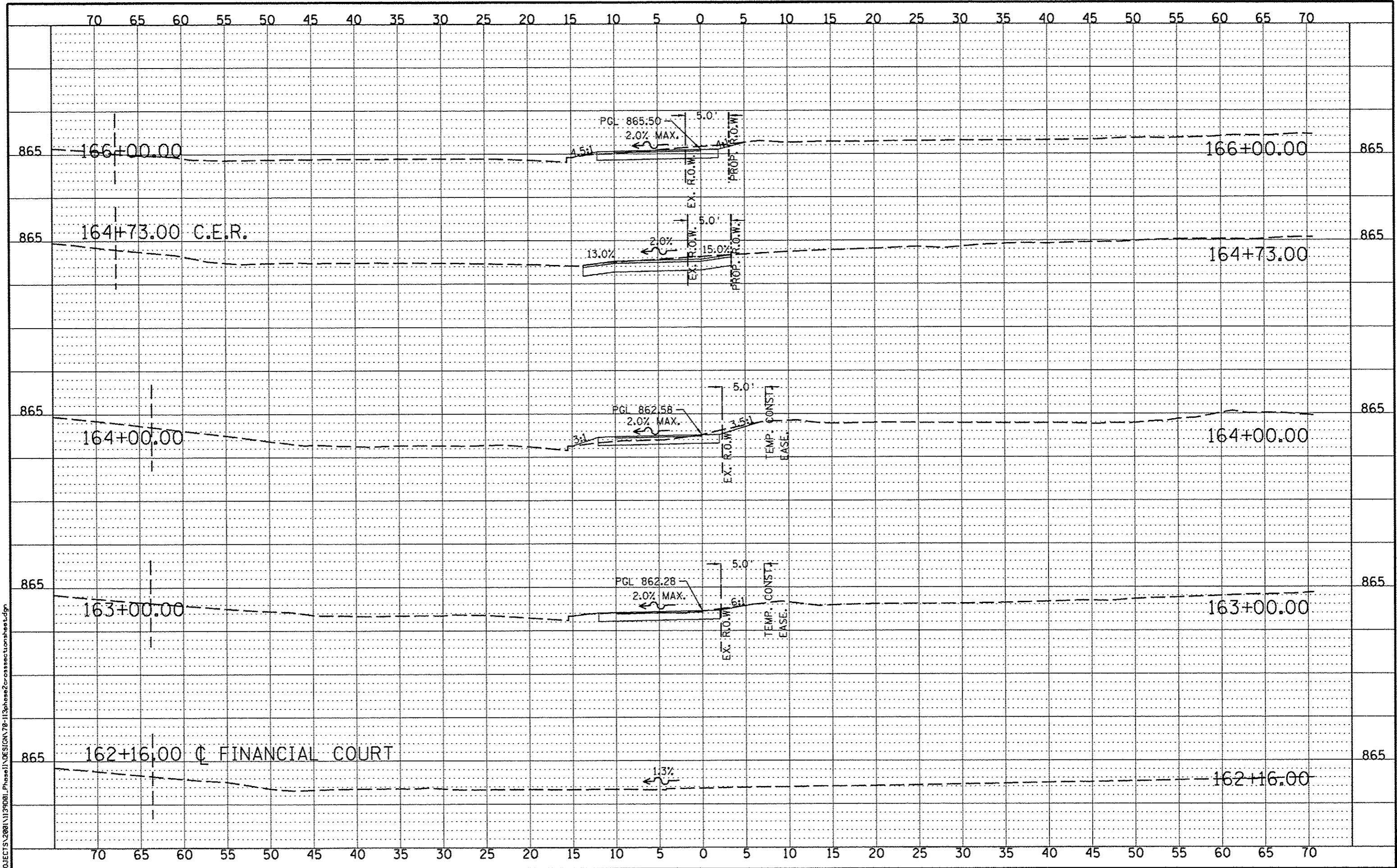
REVISION #	DATE	BY	REMARKS
1	03/22/13	TJA	DOT COMMENTS FROM JAN. 28, 2013

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



CROSS SECTION SHEET
 STA. 158+00.00 - STA. 161+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		
STA. 0+04.96	STA. 170+75.02		
WHA #: 1139D01	DATE: 03/01/2013	124	110



FILE: S:\PROJECTS\2011\13901\Phase1\DESIGN\78-113\phase2-cross-section-sheet.dgn

REVISION	DATE	BY	REMARKS
*1	03/22/13	TJA	100% COMMENTS FROM JAN. 28, 2013

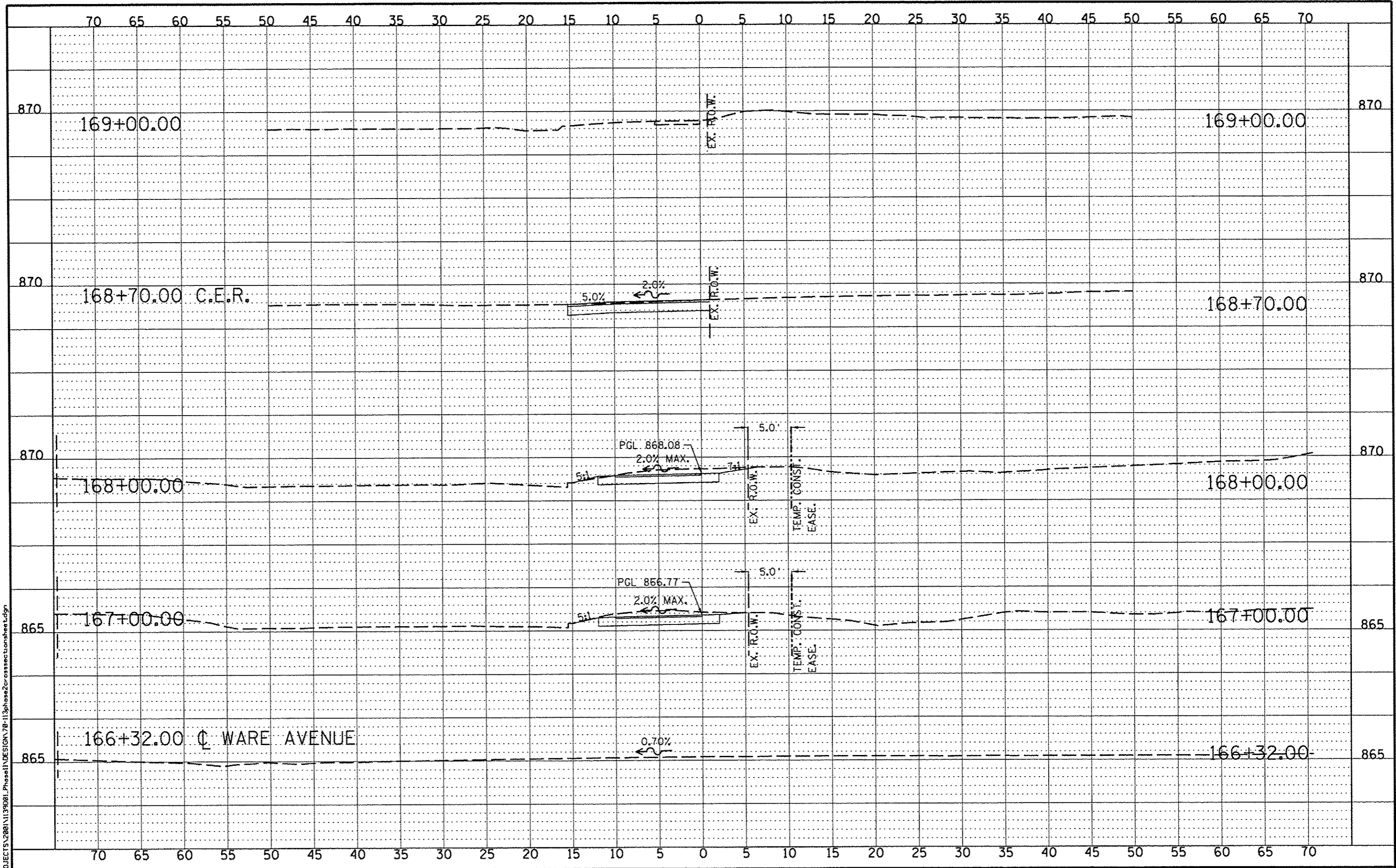
DRAWN
T.J.A.
CHECKED
C.J.B.
APPROVED
C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



CROSS SECTION SHEET
STA. 162+16.00 - STA. 166+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		
STA. 0+04.96	STA. 170+75.02		
WHA #: 1139001	DATE: 03/01/2013	124	111



FILE = S:\PROJECTS\2008\1139081_Phase1\DESIGN\78-113phase2-cross-sections\sheet.dgn

REVISION	DATE	BY	REMARKS
#1	03/22/13	TJA	IDOT COMMENTS FROM JAN. 28, 2013

DRAWN T.J.A.
 CHECKED C.J.B.
 APPROVED C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

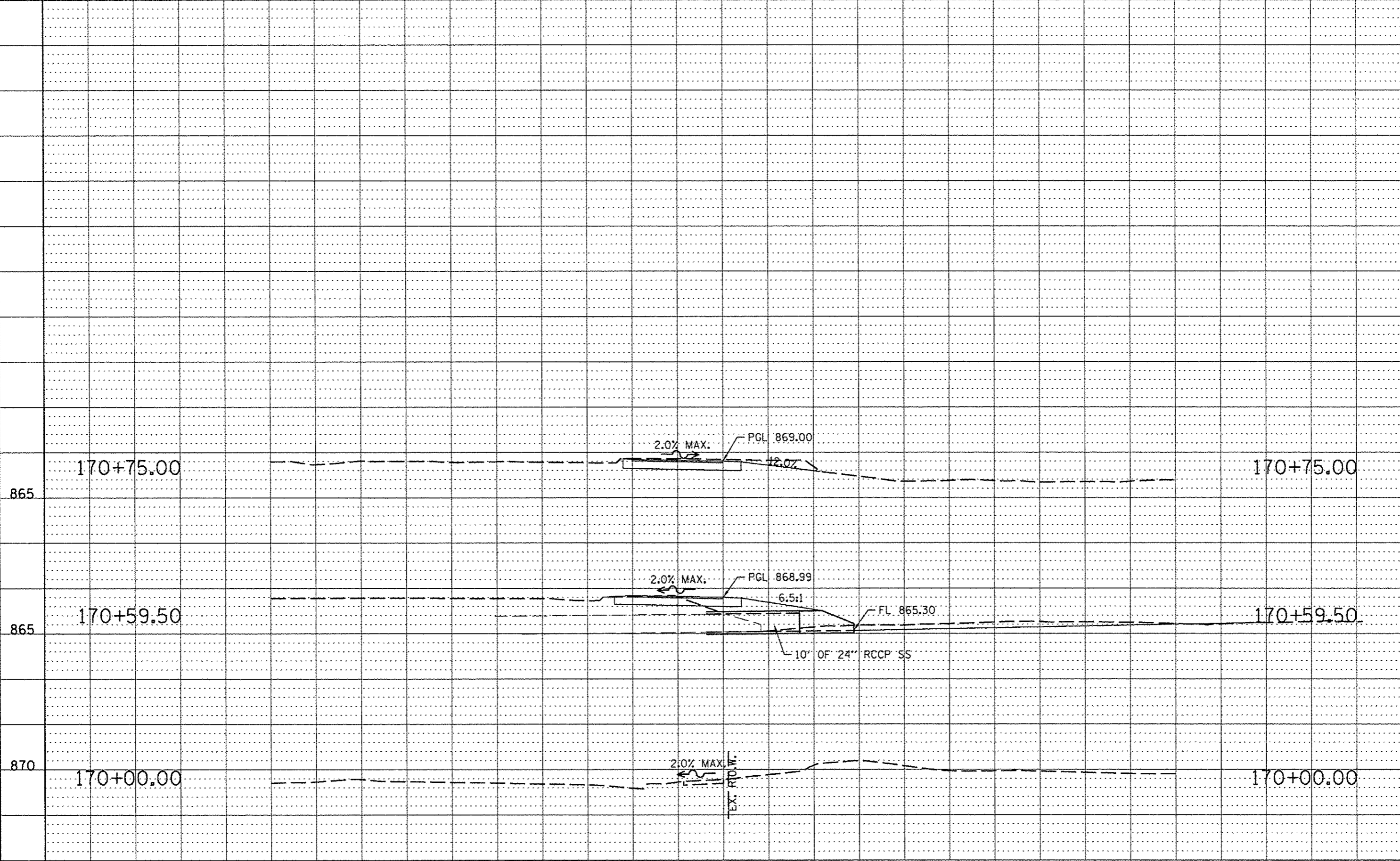


CROSS SECTION SHEET

STA. 166 + 32.00 - STA. 169 + 00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	112
STA. 0+04.96	STA. 170+75.02		
WHA #: 1139001	DATE: 03/01/2013		

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70



FILE # S:\PROJECTS\2008\1139D01_Phone\1139D01_Phase1\CrossSectionSheet.dgn

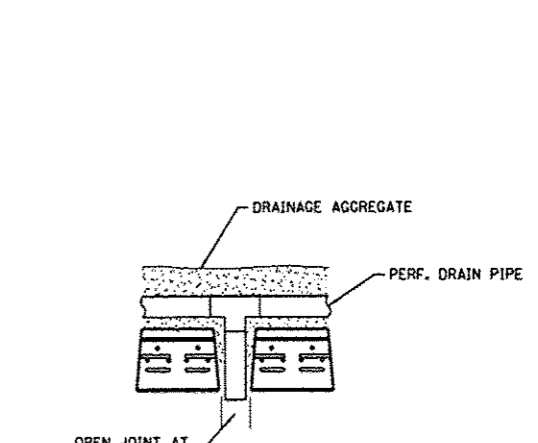
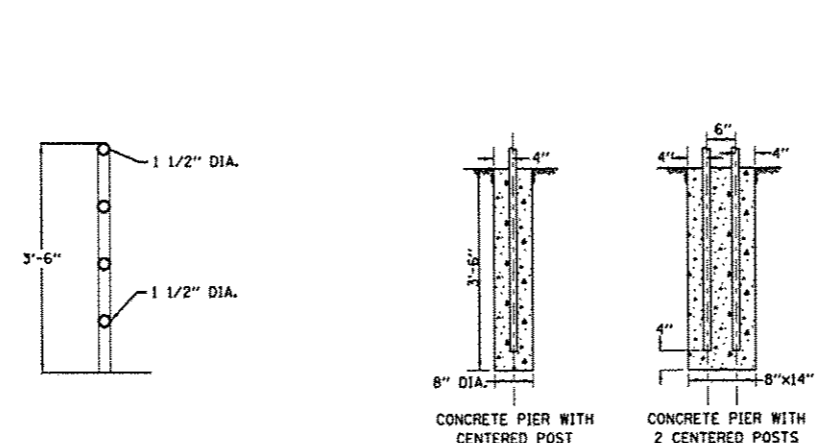
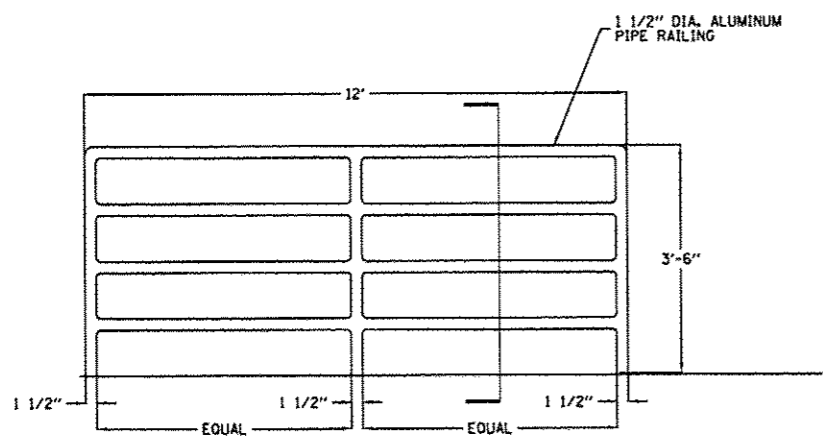
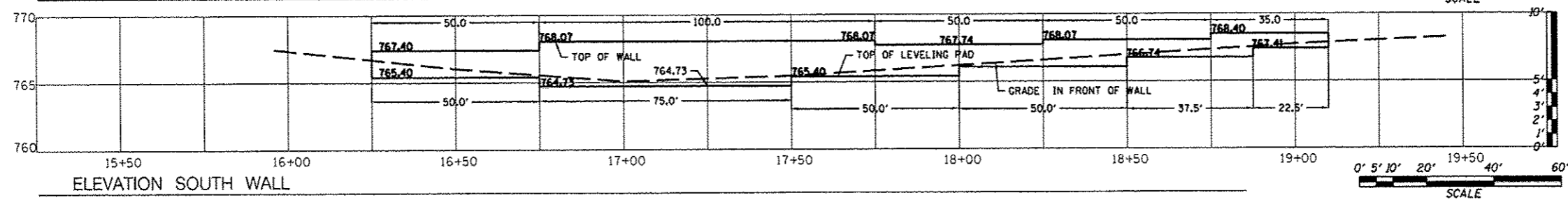
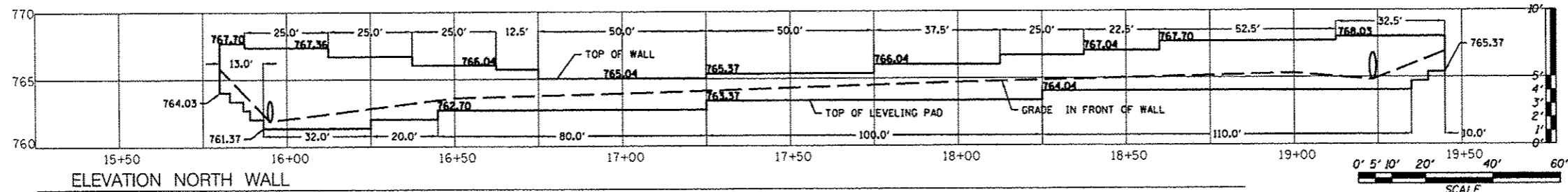
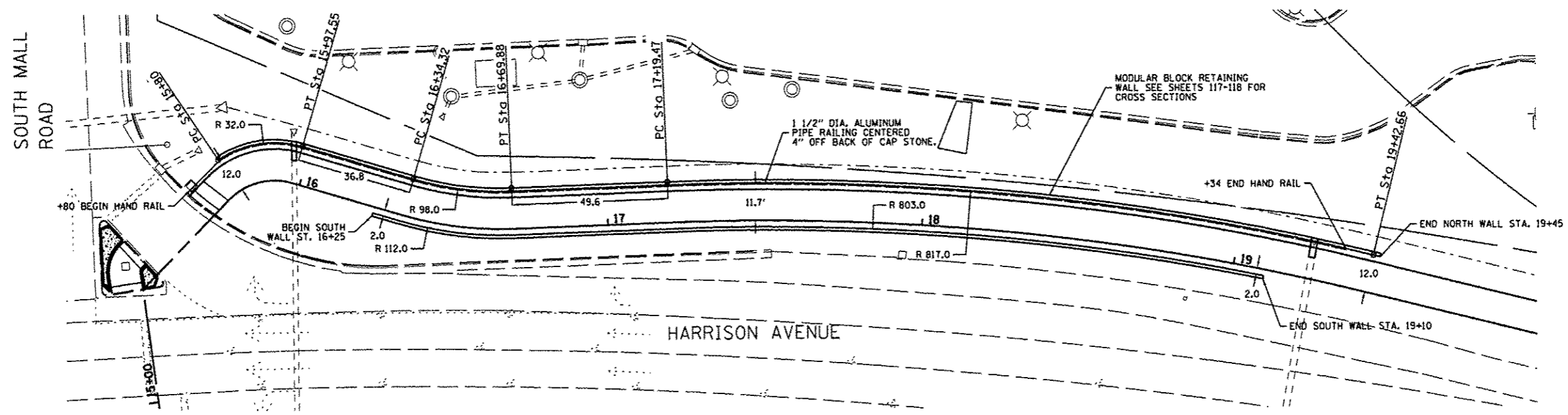
REVISION	DATE	BY	REMARKS
#1	03/22/13	TJA	DOT COMMENTS FROM JAN. 28, 2013

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



CROSS SECTION SHEET
 STA. 170+00.00 - STA. 170+75.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	113
STA. 0+04.96	STA. 170+75.02		
WHA #: 1139D01	DATE: 03/01/2013		



FILE = S:\PROJECTS\2001\1137001_Phase1\DESIGN\114-116segmental block wall.dgn

REVISION	DATE	BY	REMARKS
*1	03/22/13	TJA	IDDY COMMENTS FROM JAN. 28, 2013

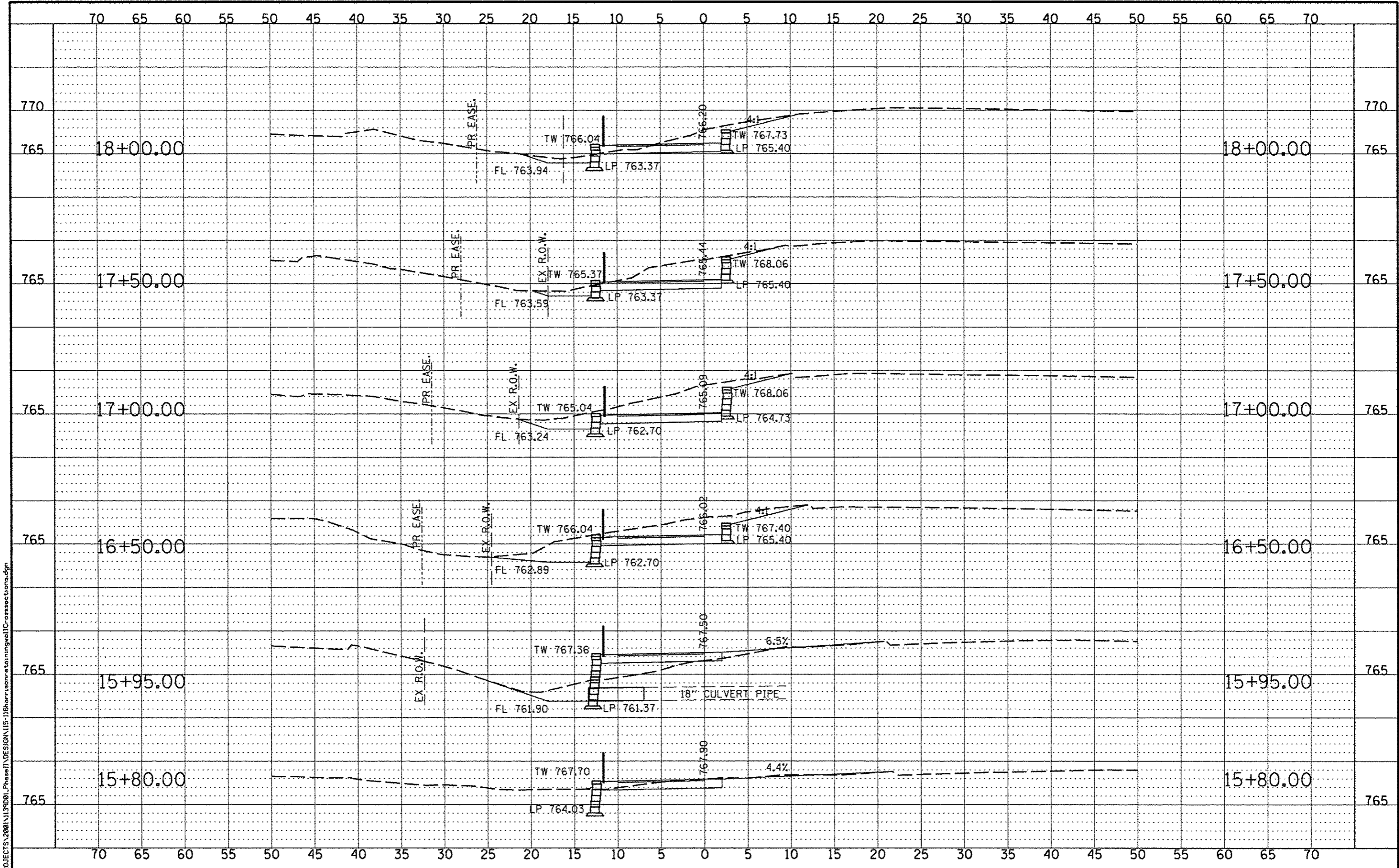
DRAWN T.J.A.
 CHECKED C.J.B.
 APPROVED C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

WILLETT HOFMANN & ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 57 AIRPORT DRIVE, ROCKFORD, IL 61109
 T. 815-394-2897 F. 815-394-2897

HARRISON AVENUE
MODULAR BLOCK RETAINING WALL DETAILS
STA. 15+80 TO STA. 19+45

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	114
STA. 15+80 TO STA. 19+45	DATE: 11/09/2012		



FILE = S:\PROJECTS\2008\1139001\Phase1\DESIGN\115-116\harrison-retainwall\cross-sections.dgn

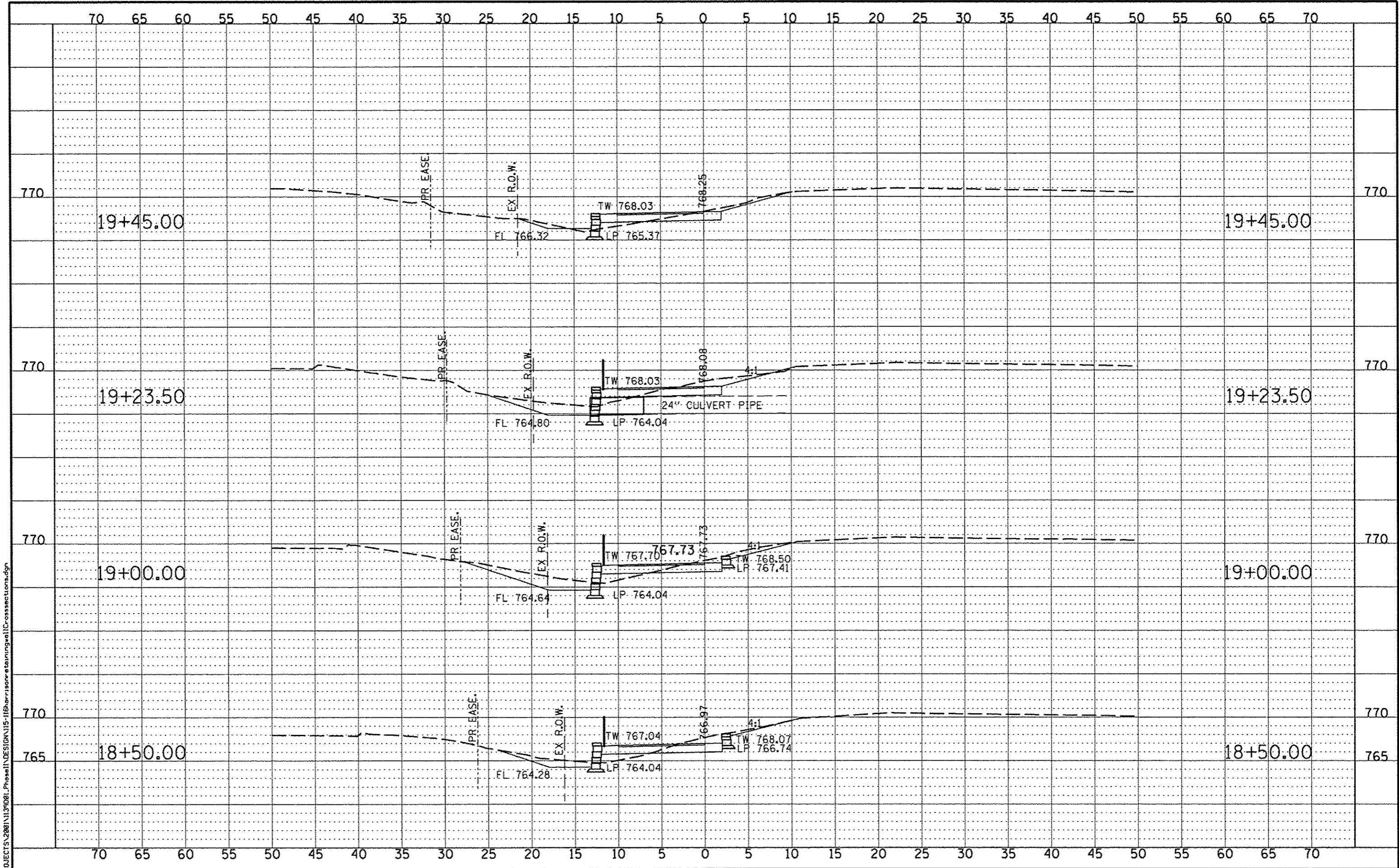
REVISION	DATE	BY	REMARKS
1	03/22/13	TJA	IDOT COMMENTS FROM JAN. 28, 2013

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION


WILLET-HOFMANN ASSOCIATES, INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 57 AIRPORT DRIVE, ROCKFORD, IL 61109
 T: 815-964-2897 FAX: 815-964-2898

HARRISON AVENUE RETAINING WALL
CROSS SECTIONS
 STA. 15+80.00 - STA. 18+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	115
STA. 15+80.00	STA. 19+45.00		
WHA #: 1139001	DATE: 03/01/2013		



FILE = S:\PROJECTS\2881\113906L_PhaseI\DESIGN\115-116\harrison-retainingwall\Crosssections.dgn

REVISION	DATE	BY	REMARKS
1	03/22/13	TJA	DOT COMMENTS FROM JAN. 28, 2013

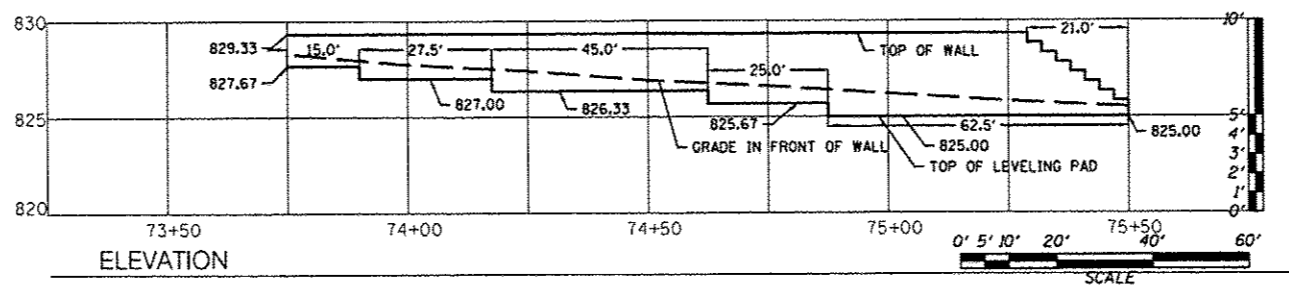
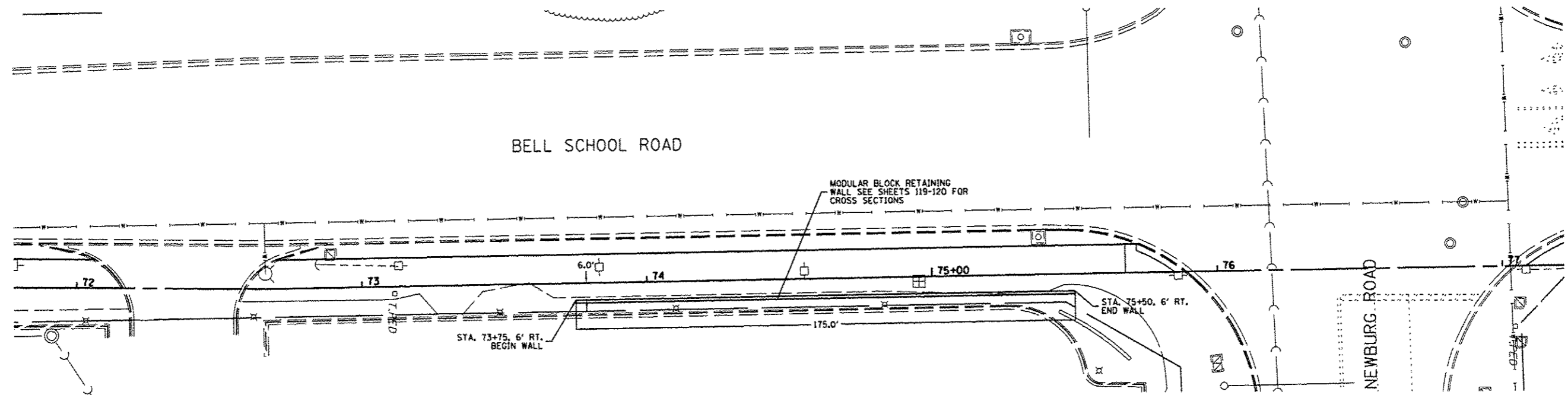
DRAWN T.J.A.
 CHECKED C.J.B.
 APPROVED C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



HARRISON AVENUE RETAINING WALL
CROSS SECTIONS
 STA. 18+50.00 - STA. 19+45.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	116
STA. 15+80.00 - STA. 19+45.00			
WHA #: 1139001	DATE: 03/01/2013		



FILE = S:\PROJECTS\2008\1139001_Phase01\DESIGN\114-116segmental_block_wall.dgn

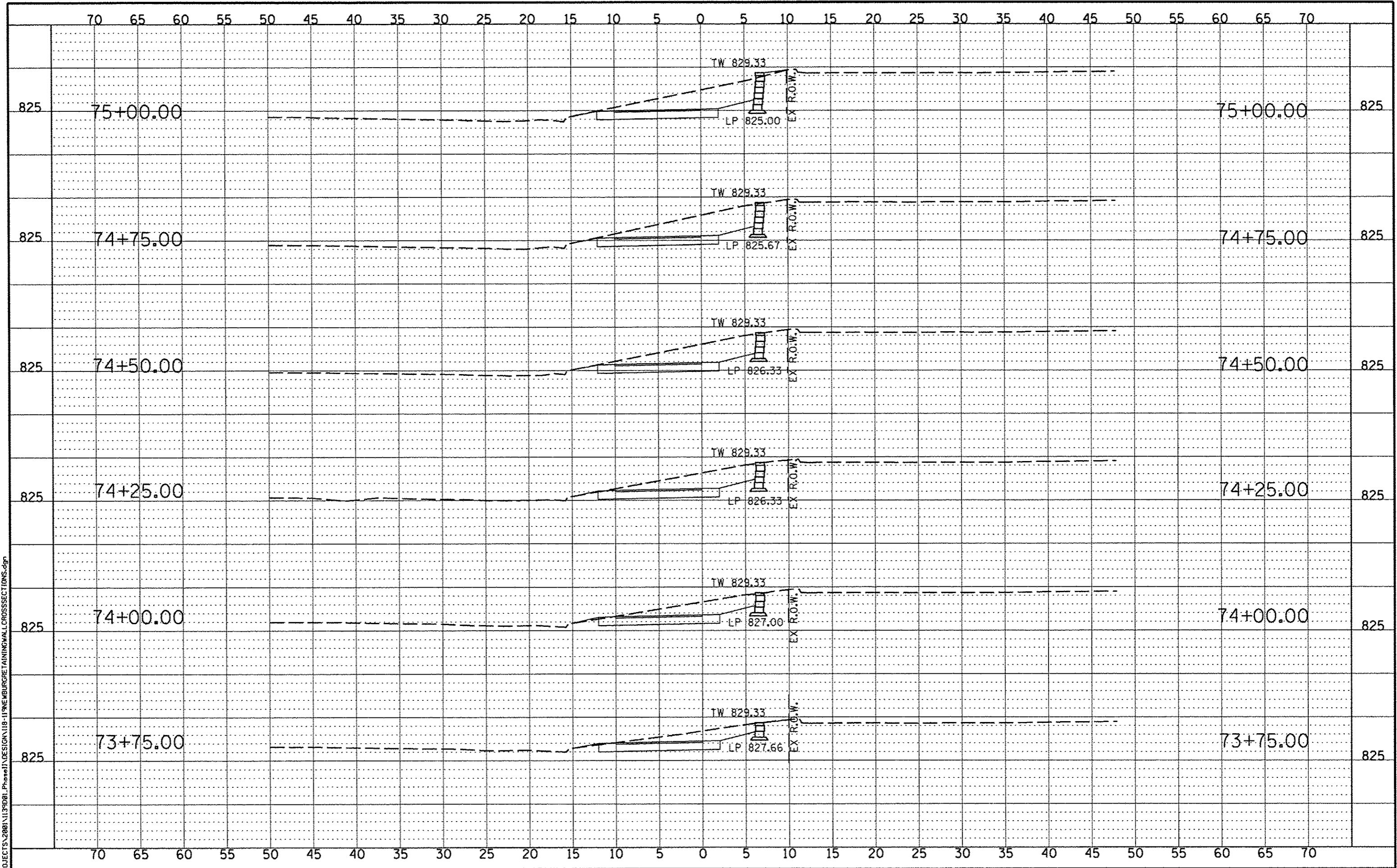
REVISION	DATE	BY	REMARKS
*1	05/22/13	TJA	100% COMMENTS FROM JAN. 28, 2013

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION


WILLET HOFMANN
 ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 57 AIRPORT DRIVE ROCKFORD, IL 61109
 T: 815-954-2157 DESIGN PERM: #134-000718

NEWBURG ROAD
MODULAR BLOCK RETAINING WALL DETAILS
STA. 73 + 75 TO STA. 75 + 50

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	117
STA.	STA.		
WHA #: 1139001	DATE: 03/01/2013		



FILE = S:\PROJECTS\2008\1139001_Phase1\DESIGN\118 - 119\NEWBURG RETAINING WALL CROSSSECTIONS.dgn

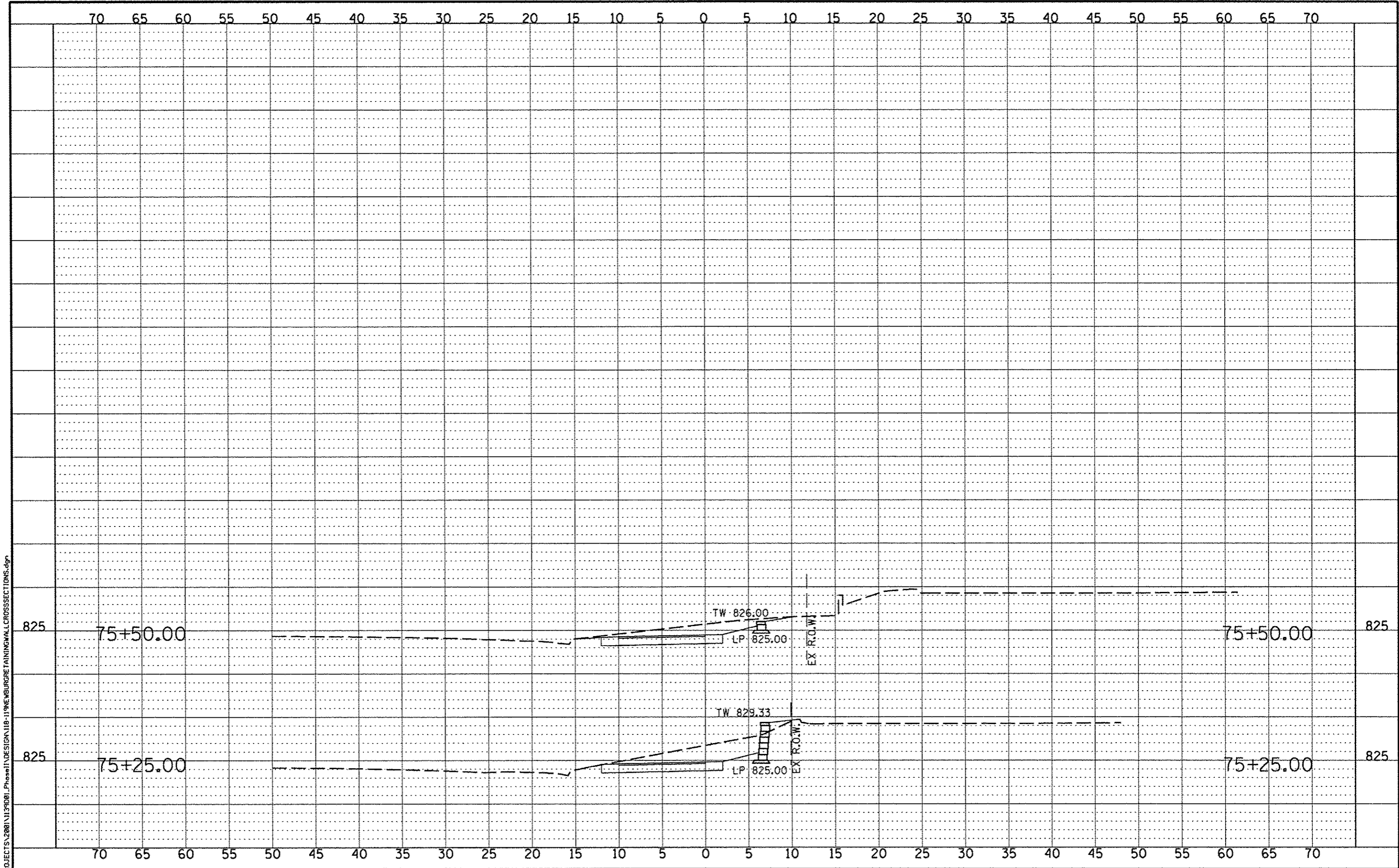
REVISION	DATE	BY	REMARKS
1	03/22/13	TJA	DOT COMMENTS FROM JAN. 28, 2013

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

WILLETT HOFMANN
 ASSOCIATES INC.
 ENGINEERING ARCHITECTURE LAND SURVEYING
 57 AIRPORT DRIVE, ROCKFORD, IL 61109
 T: 815-964-2597 DESIGN PRS# P384-002918

NEWBURG ROAD RETAINING WALL
CROSS SECTIONS
 STA. 73+75.00 - STA. 75+00.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	118
STA. XXX+XX.XX - STA. XXX+XX.XX			
WHA #: 1139001	DATE: 03/01/2013		



FILE = S:\PROJECTS\2008\1139001_Phase1\DESIGN\118-119\NEWBURGRETAININGWALLCROSSSECTIONS.dgn

REVISION	DATE	BY	REMARKS
1	03/22/13	TJA	IDOT COMMENTS FROM JAN. 28, 2013

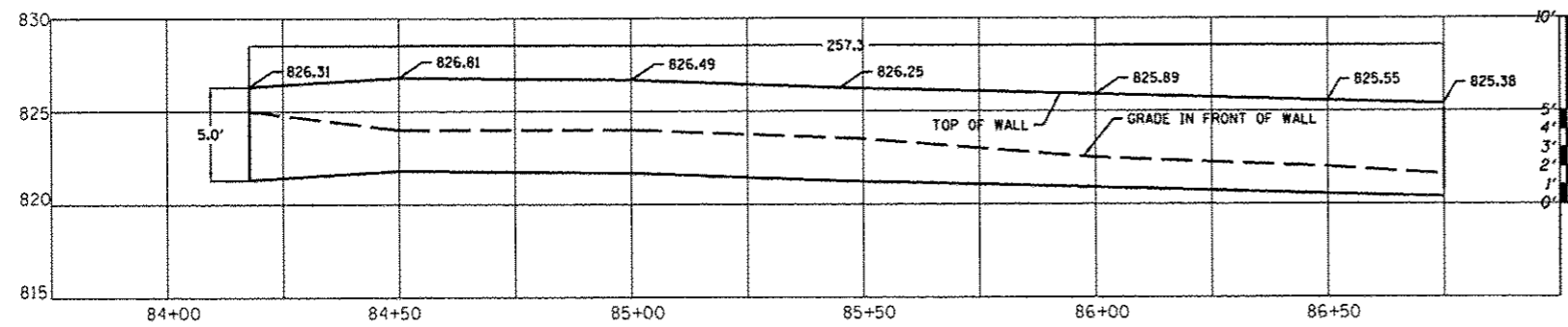
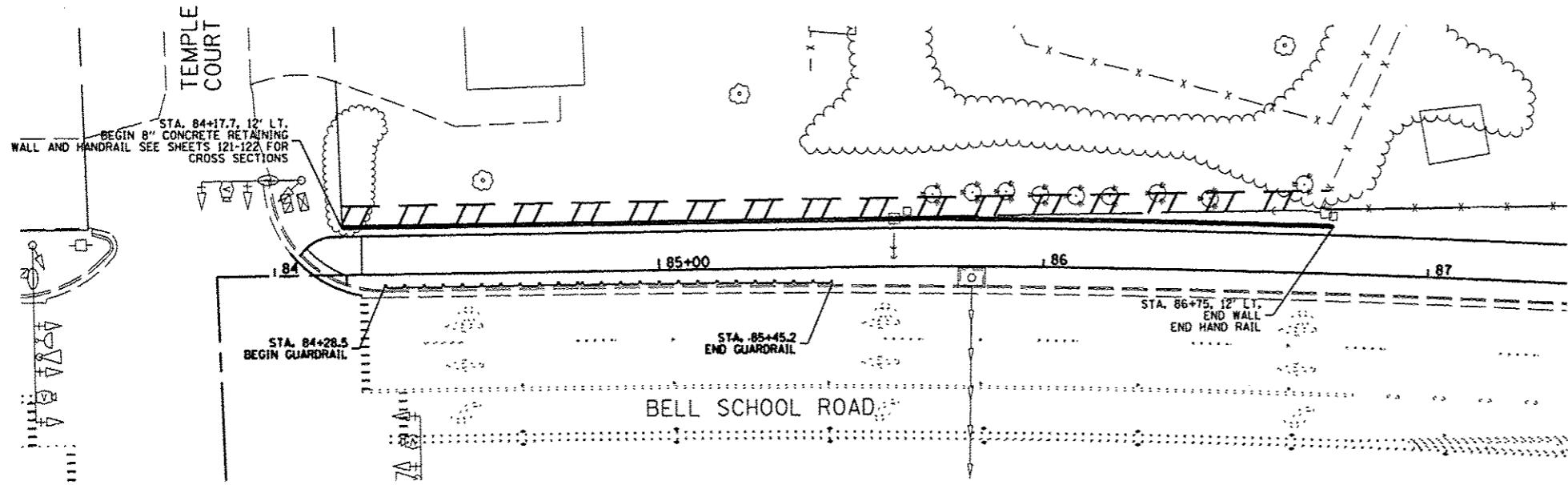
DRAWN
T.J.A.
 CHECKED
C.J.B.
 APPROVED
C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

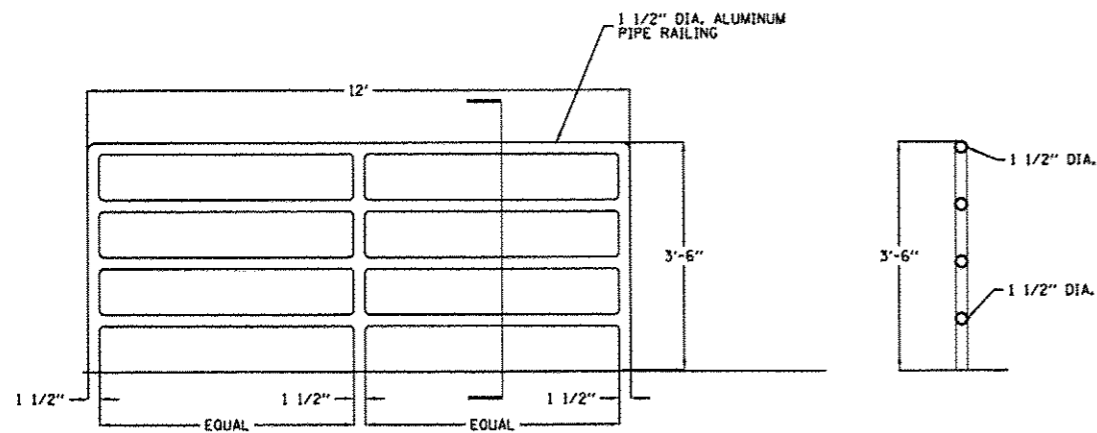
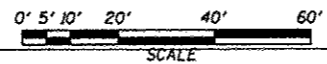


NEWBURG ROAD RETAINING WALL
CROSS SECTIONS
 STA. 75+25.00 - STA. 75+50.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	119
STA. XXX+XX.XX - STA. XXX+XX.XX			
WHA #: 1139D01	DATE: 03/01/2013		

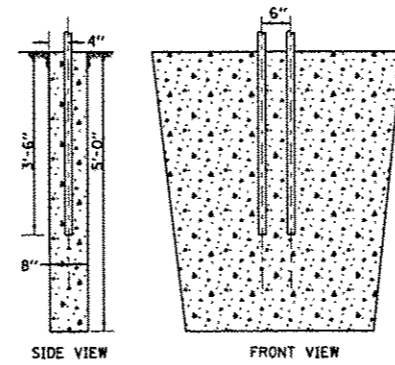


ELEVATION



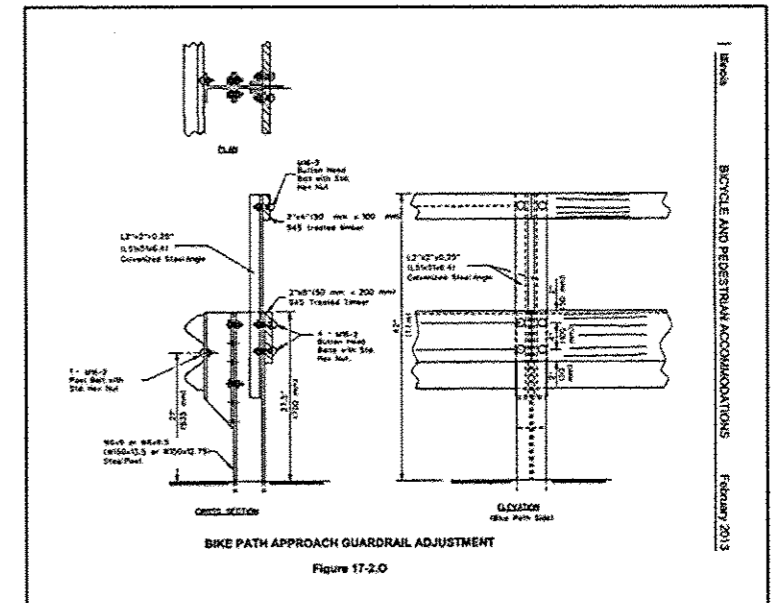
TYPICAL HANDRAIL DETAIL

NO SCALE



TYPICAL POST DETAIL

NO SCALE



BIKE PATH APPROACH GUARDRAIL ADJUSTMENT

Figure 17-2.0

BICYCLE AND PEDESTRIAN ACCOMMODATIONS February 2013

FILE: S:\PROJECTS\2001\1139081_Phase1\DESIGN\114-116\segmental block wall.dgn

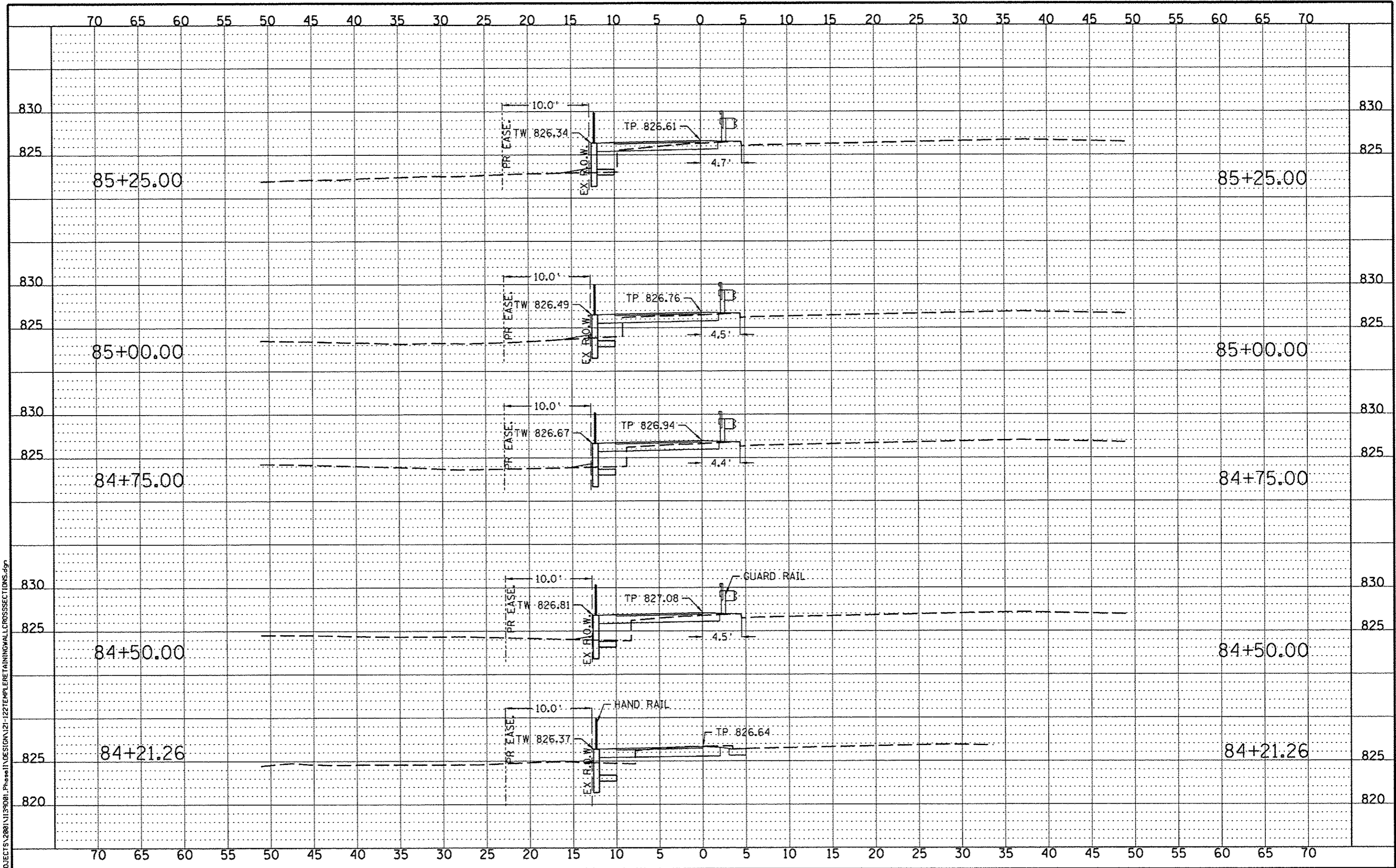
REVISION	DATE	BY	REMARKS
*1	03/22/13	T.J.A.	DOT COMMENTS FROM JAN. 28, 2013

DRAWN	T.J.A.
CHECKED	C.J.B.
APPROVED	C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

TEMPLE COURT
MODULAR BLOCK RETAINING WALL DETAILS
STA. 84 + 17.7 TO STA. 86 + 75.0

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	120
STA.	STA.		
WHA #: 1139001	DATE: 03/01/2013		



FILE = S:\PROJECTS\2008\1139001_Phase1\DESIGN\121-122\TEMPLE_RETAINING_WALL_CROSSSECTIONS.dgn

REVISION	DATE	BY	REMARKS
01	03/22/13	TJA	IDOT COMMENTS FROM JAN. 28, 2013

DRAWN
T.J.A.
CHECKED
C.W.B.
APPROVED
C.W.B.

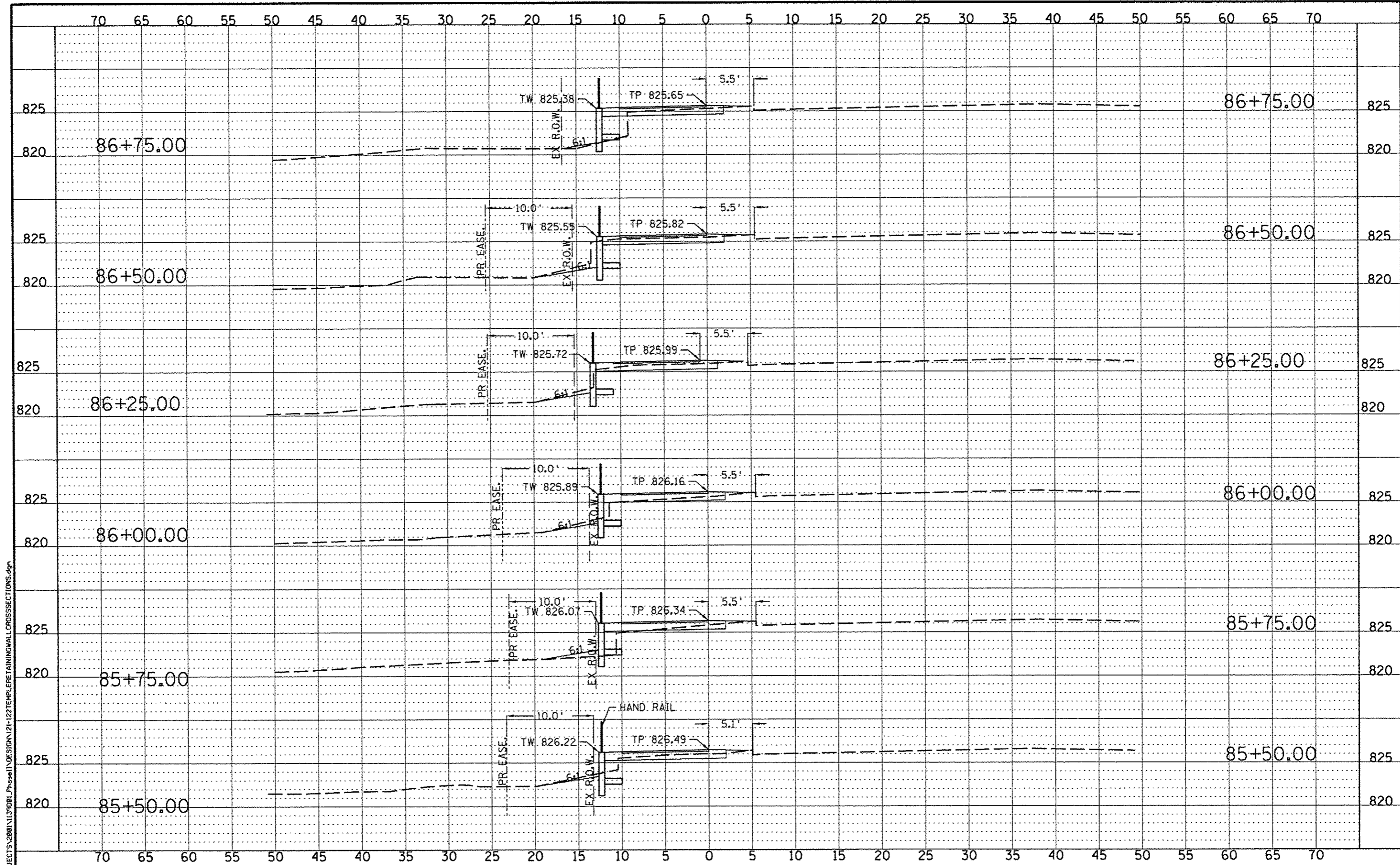
WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION



WILLETT HOFMANN
ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
57 AIRPORT DRIVE, ROCKFORD, IL 61109
1.815.964.2892 DESIGN EMAIL: W344-0055@B

**TEMPLE COURT RETAINING WALL
CROSS SECTIONS**
STA. 84+21.26 - STA. 85+25.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO	124	121
STA. XXX+XX.XX - STA. XXX+XX.XX			
WHA #: 1139001	DATE: 03/01/2013		



FILE: S:\PROJECTS\2008\1139001_Phase1\DESIGN\121-122\TEMPLE_RETAININGWALL_CROSSSECTIONS.dgn

REVISION	DATE	BY	REMARKS
*1	03/22/13	TJA	DOT COMMENTS FROM JAN. 28, 2013

DRAWN	T.J.A.
CHECKED	C.J.B.
APPROVED	C.J.B.

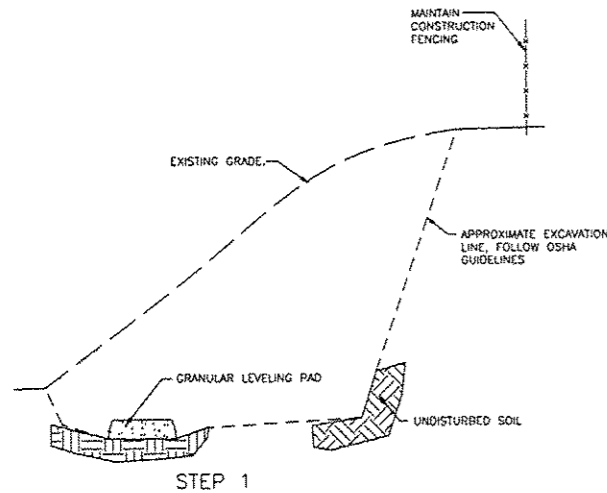
WINNEBAGO COUNTY
 VILLAGE OF CHERRY VALLEY
 PERRYVILLE PATH SOUTHEAST CONNECTION



TEMPLE COURT RETAINING WALL
 CROSS SECTIONS
 STA. 85+50.00 - STA. 86+75.00

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		
STA. XXX+XX.XX - STA. XXX+XX.XX			
WHA #: 1139001	DATE: 03/01/2013	124	122

VERIFY LOCATION OF EXISTING STRUCTURES AND UTILITIES. EXCAVATE AREA LARGE ENOUGH TO ACCOMMODATE LEVELING PAD, REQUIRED UNIT EMBEDMENT, AND REQUIRED GEGRID LENGTHS. INSTALL TEMPORARY SHEETING WHERE REQUIRED. PROOF ROLL AND COMPACT EXCAVATED FOUNDATION AREA.



STEP 1

PLACE NEXT COURSE OF UNITS. INSERT TWO CONNECTION PINS PER MANUFACTURER'S REQUIREMENTS.

CHECK LEVEL AND ALIGNMENT OF UNITS.

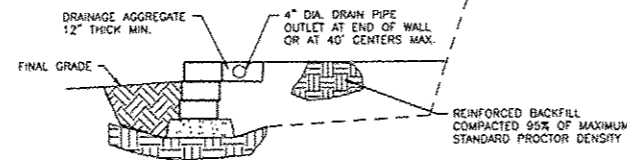
CONTINUE PLACING COURSES OF UNITS AND COMPACTING BACKFILL IN FRONT OF AND BEHIND UNITS UNTIL REACHING HEIGHT OF FINAL GRADE IN FRONT OF WALL.

BEGINNING JUST ABOVE THE FINAL GRADE IN FRONT OF WALL, PLACE DRAINAGE AGGREGATE BEHIND THE UNITS TO REQUIRED THICKNESS.

INSTALL DRAINAGE COLLECTION PIPES AT BASE OF DRAINAGE AGGREGATE, WITH PERFORATION OR SLOTS FACING DOWN.

SLOPE DRAIN PIPE TO ALLOW GRAVITY FLOW OF WATER TO OUTSIDE THE WALL SYSTEM, OUTLETTING PIPES AS REQUIRED.

PLACE AND COMPACT REINFORCED BACKFILL BEHIND DRAINAGE AGGREGATE.

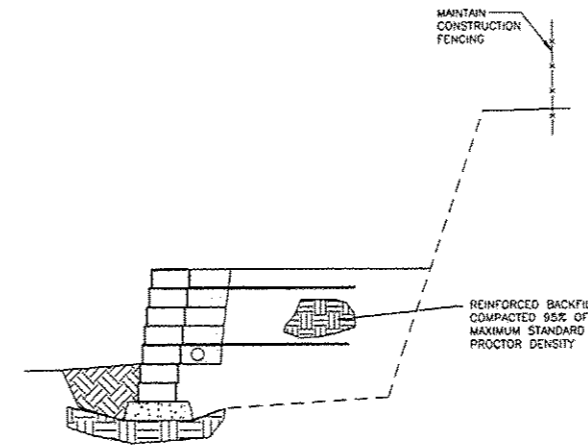


STEP 3

CONTINUE PLACEMENT OF WALL UNITS, GEOSYNTHETIC, DRAINAGE AGGREGATE AND REINFORCED BACKFILL BY REPEATING STEP 4 UNTIL WALL IS WITHIN ONE FOOT OF FINAL HEIGHT.

STACK NO MORE THAN THREE COURSES BEFORE BACKFILL IS PLACED BEHIND WALL.

COMPACT BACKFILL IN NO GREATER THAN 6" THICK LIFTS.



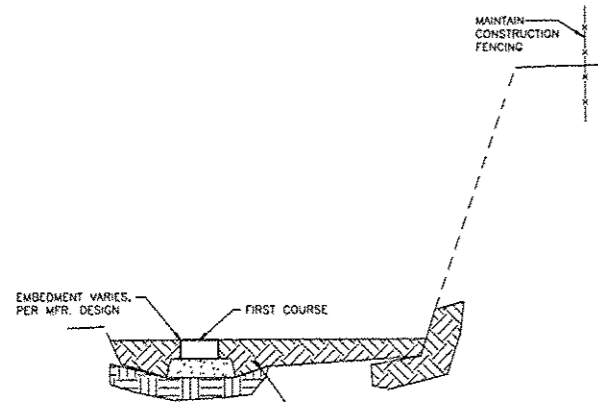
STEP 5

PLACE LOWEST COURSE OF WALL UNITS ON LEVELING PAD, SETTING UNIT SIDES AGAINST ADJACENT UNITS.

LEVEL UNITS SIDE-TO-SIDE, FRONT-TO-REAR, AND WITH ADJACENT UNITS.

CHECK ALIGNMENT ALONG BACK OF UNITS.

PLACE AND COMPACT BACKFILL IN FRONT AND BEHIND UNITS TO BE EMBEDDED BELOW FINAL GRADE.



STEP 2

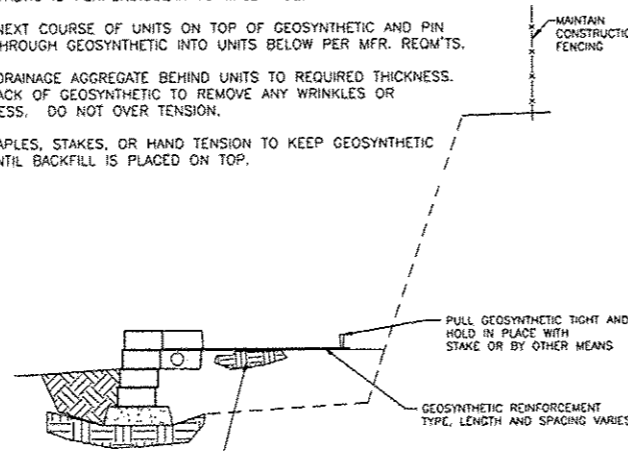
CONTINUE PLACING UNITS, DRAINAGE AGGREGATE AND REINFORCED BACKFILL, UNTIL REACHING HEIGHT OF GEOSYNTHETIC LAYER.

LAY THE REQUIRED LENGTH OF GEOSYNTHETIC HORIZONTALLY ON TOP OF THE UNITS, ENSURING HIGHEST STRENGTH DIRECTION OF GEOSYNTHETIC IS PERPENDICULAR TO WALL FACE.

PLACE NEXT COURSE OF UNITS ON TOP OF GEOSYNTHETIC AND PIN DOWN THROUGH GEOSYNTHETIC INTO UNITS BELOW PER MFR. REQ'TS.

PLACE DRAINAGE AGGREGATE BEHIND UNITS TO REQUIRED THICKNESS. PULL BACK OF GEOSYNTHETIC TO REMOVE ANY WRINKLES OR LOOSENESS. DO NOT OVER TENSION.

USE STAPLES, STAKES, OR HAND TENSION TO KEEP GEOSYNTHETIC TAUT UNTIL BACKFILL IS PLACED ON TOP.

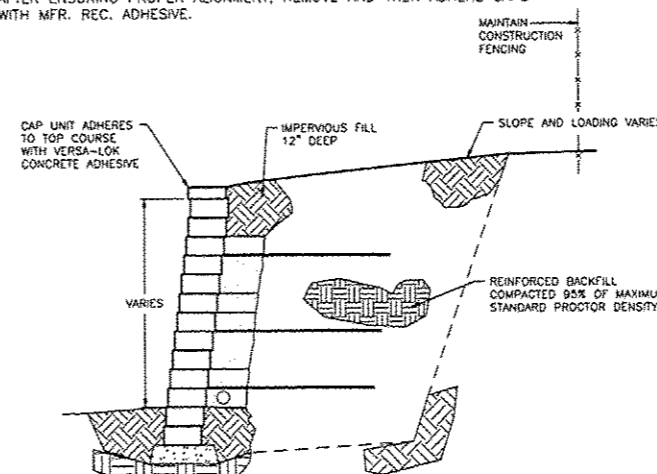


STEP 4

PLACE AND COMPACT IMPERVIOUS SOIL BEHIND THE TOP 12 INCHES OF THE WALL.

PLACE AND ALIGN CAP UNITS, WITH A SLIGHT OVERHANG, ON TOP COURSE.

AFTER ENSURING PROPER ALIGNMENT, REMOVE AND THEN ADHERE CAPS WITH MFR. REC. ADHESIVE.



STEP 6

KEY PLAN



PROJECT NORTH

NOTES

1. STRIP VEGETATION AND ORGANIC SOIL FROM WALL AND GEOSYNTHETIC ALIGNMENT.
2. BENCH CUT ALL EXCAVATED SLOPES.
3. CONTRACTOR SHALL ENSURE TEMPORARY EXCAVATIONS ARE STABLE AND PROVIDE EXCAVATION SUPPORT IF NEEDED. SITE SOILS ENGINEER TO VERIFY FOUNDATION SOILS AS BEING COMPETENT PER THE DESIGN PARAMETERS. COST BY CONTRACTOR.
4. DRAINAGE PIPE SHALL BE PERFORATED OR SLOTTED PVC OR CORRUGATED HDPE PIPE.
5. REINFORCED BACKFILL SHALL BE FREE OF DEBRIS, ORGANIC SOIL, AND EXPANSIVE SOILS.
6. FOR UNITS TO BE EMBEDDED, COMPACT FILL IN FRONT OF UNITS AT THE SAME TIME FILL BEHIND UNITS IS COMPACTED.
7. COMPACTION SHALL BE TO 95% OF MAXIMUM STANDARD PROCTOR DENSITY. (ASTM D-698).
8. COMPACTION TESTS SHALL BE TAKEN AS THE WALL IS INSTALLED BY THE SOILS ENGINEER EMPLOYED BY CONTRACTOR
9. COMPACTION WITHIN 3FT. OF WALL SHALL BE LIMITED TO HAND OPERATED EQUIPMENT.
10. CONTRACTOR SHALL SLOPE SITE GRADES TO DIRECT SURFACE RUNOFF AWAY FROM WALL AT END OF EACH DAY TO AVOID WATER DAMAGING THE WALL WHILE UNDER CONSTRUCTION.
11. FOLLOW APPLICABLE PROVISIONS OF THE WALL UNIT AND GEOSYNTHETIC MANUFACTURER'S INSTALLATION INSTRUCTIONS AND WRITTEN SPECIFICATIONS.
12. IF SITE AND SOIL CONDITIONS, WALL GEOMETRY, OR WALL LOADINGS ARE DIFFERENT THAN IN THE DRAWINGS AND THE DESIGN PARAMETERS, THE CONTRACTOR MUST CONTACT THE WALL DESIGN ENGINEER PRIOR TO PROCEEDING WITH THE CONSTRUCTION OF THE WALL.
13. COMPLETE WALL DESIGN SHALL BE RESPONSIBILITY OF WALL MANUFACTURER.

GENERAL NOTES - MODULAR BLOCK WALLS

1116

FILE = S:\PROJECTS\2008\1139081_Phase1\DESIGN\123segment\1 block wall\DETAILS.dgn

REVISION	DATE	BY	REMARKS
*1	03/22/13	TJA	IDOT COMMENTS FROM JAN. 28, 2013

DRAWN	T.J.A.
CHECKED	C.J.B.
APPROVED	C.J.B.

WINNEBAGO COUNTY
VILLAGE OF CHERRY VALLEY
PERRYVILLE PATH SOUTHEAST CONNECTION

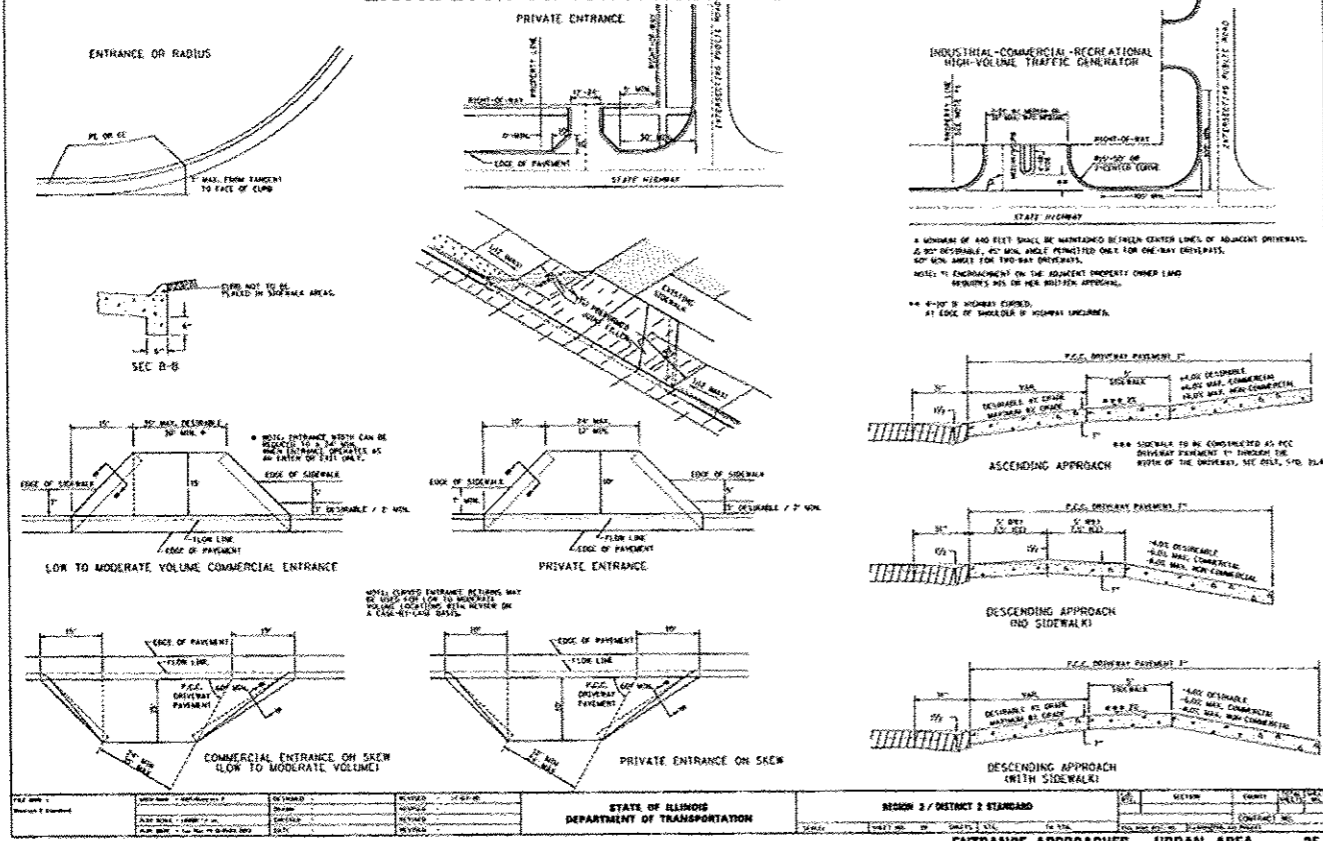


WILLET HOFMANN
ASSOCIATES INC.
ENGINEERING ARCHITECTURE LAND SURVEYING
57 AIRPORT DRIVE, ROCKFORD, IL 61109
7.815.964.2297 DESIGN#RDL #714-030918

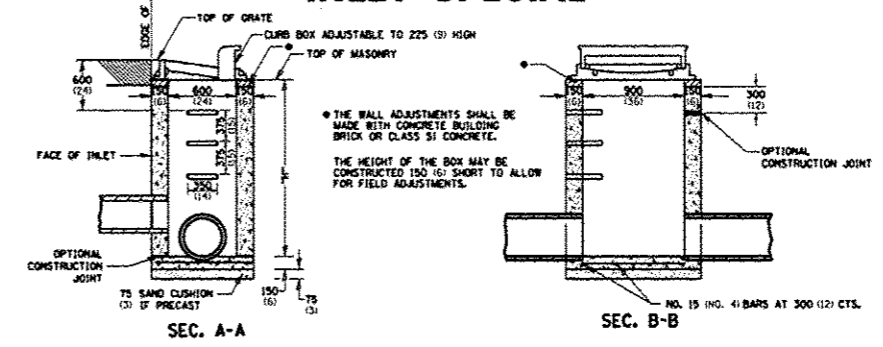
MODULAR BLOCK RETAINING WALL NOTES

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
01-00302-00-BT	WINNEBAGO		
STA.	STA.		
WHA #: 1139001	DATE: 03/01/2013	124	123

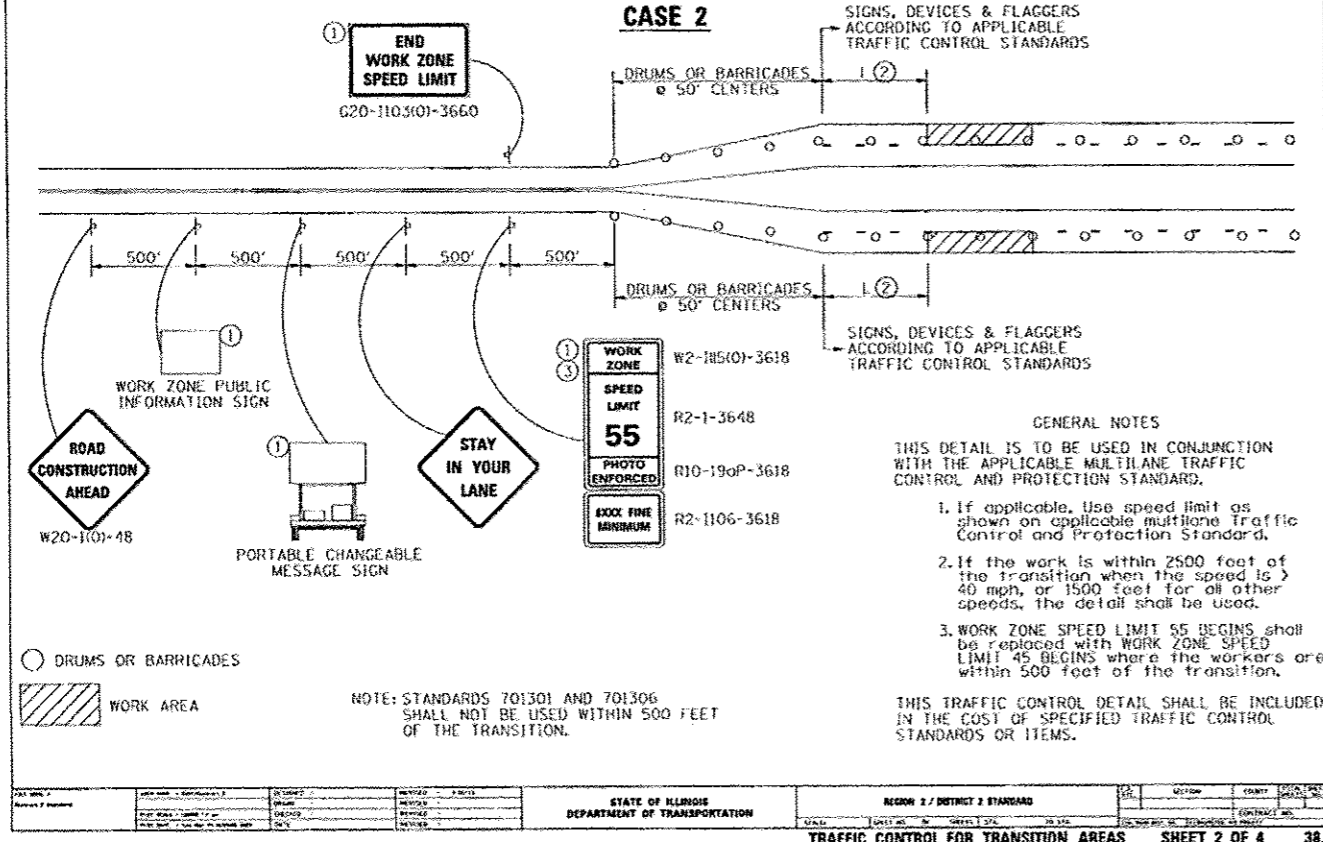
ENTRANCE APPROACHES - URBAN AREA



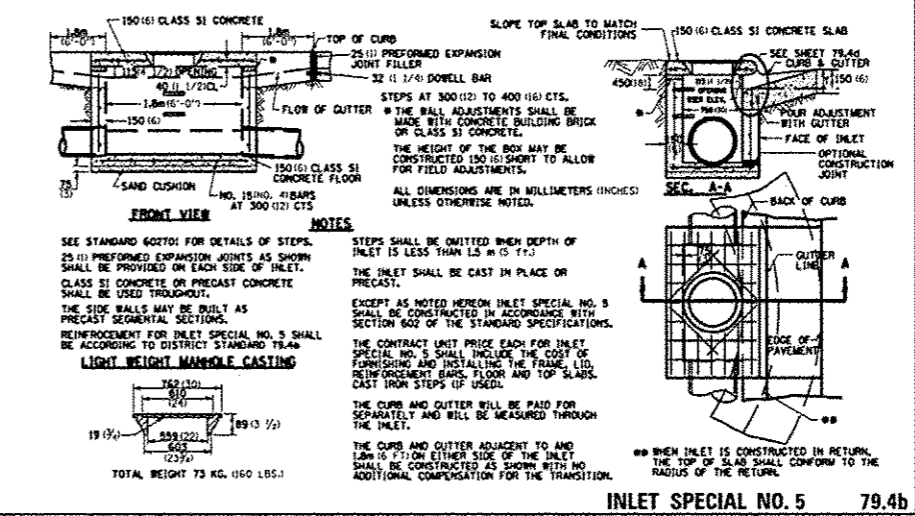
INLET SPECIAL



TRAFFIC CONTROL FOR TRANSITION AREAS



INLET SPECIAL NO. 5



FILE = S:\PROJECTS\2001113901.PHASE 1\DESIGN\PHASE 2 SUMMARY OF QUANTITIES.DGN

REVISION #1	DATE 03/22/13	BY T.J.A.	REMARKS JDDY COMMENTS FROM JAN. 28, 2013	DRAWN T.J.A.	CHECKED C.J.B.	APPROVED C.J.B.	WINNEBAGO COUNTY VILLAGE OF CHERRY VALLEY PERRYVILLE PATH SOUTHEAST CONNECTION	WILLET HOFMANN ASSOCIATES INC. ENGINEERING ARCHITECTURAL LAND SURVEYING 57 AIRPORT DRIVE, ROCKFORD, IL 61109 T: 815-964-2397 DESIGN: 6842 #184-000918	PERRYVILLE PATH I.D.O.T. DISTRICT 2 STANDARD DETAILS	SECTION 01-00302-00-BT STA. - STA. WHA #: 1139001	COUNTY WINNEBAGO STA. - STA.	TOTAL SHEETS 124	SHEET NO. 124
-------------	---------------	-----------	--	--------------	----------------	-----------------	--	---	---	---	---------------------------------	------------------	---------------