

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	RO01



Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT

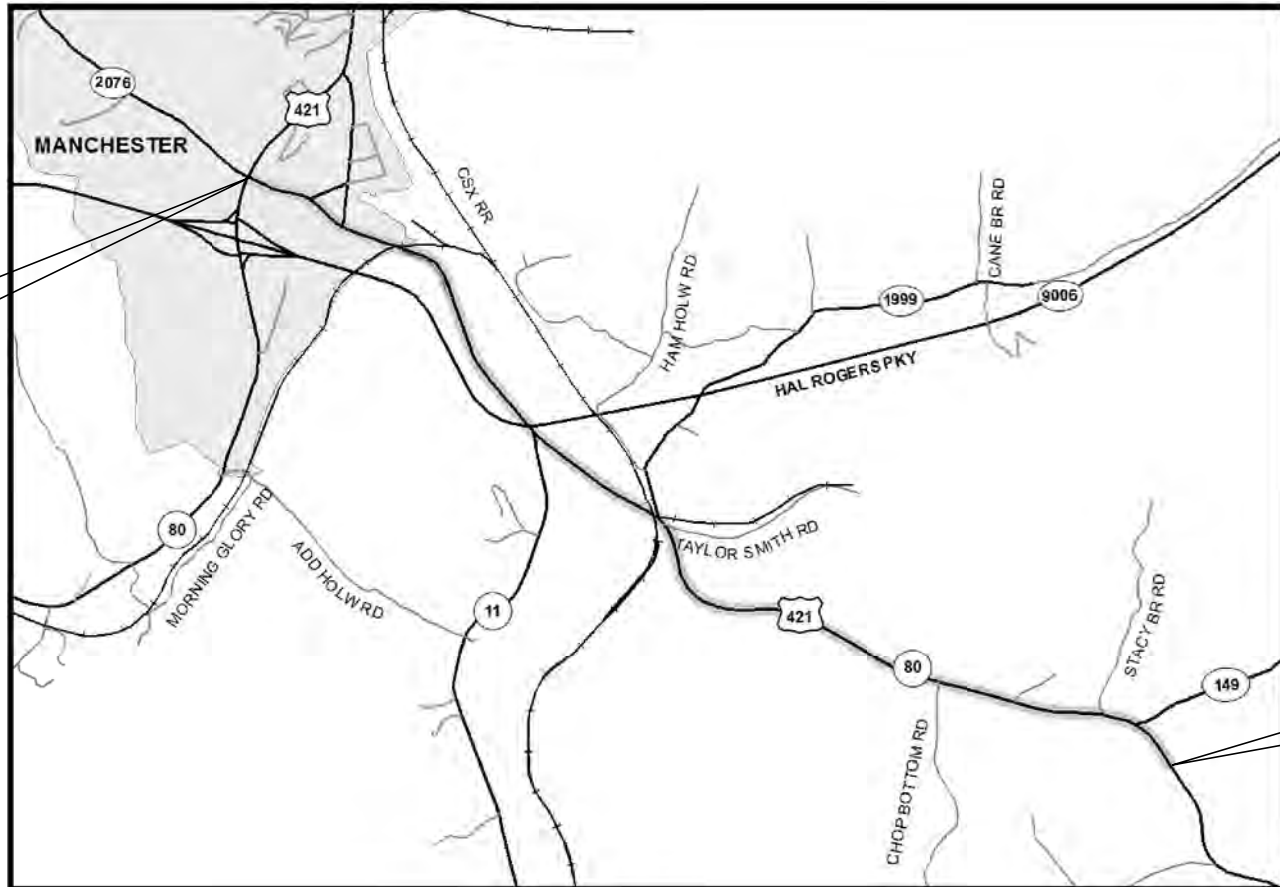
CLAY US 421 / KY 80 WIDENING FINAL INSPECTION PLANS

SHEET NO.	DESCRIPTION
RO01	LAYOUT SHEET
RO02 - RO02d	TYPICAL SECTIONS-SUMMARY OF QUANTITIES
RO03 - RO046a	PLAN AND PROFILE SHEETS
RO47 - RO050	RIGHT OF WAY SUMMARY SHEETS
RO51 - RO060	RIGHT OF WAY STRIP MAP SHEETS
RO61 - RO095	DETAIL SHEETS
RO96 - RI17	TRAFFIC CONTROL SHEETS
RI18 - RI58	EROSION CONTROL SHEETS
RI59 - RI64	COORDINATE CONTROL SHEETS
RI65 - RI03	SOIL PROFILE SHEETS
RI04 - R244	PIPE DRAINAGE SHEETS
S	STRUCTURE PLANS
T	TRAFFIC PLANS
U	UTILITY RELOCATION PLANS
XI - X276	CROSS SECTION SHEETS

SHEETS NOT INCLUDED IN TOTAL SHEETS
 R002a - R002d, R009a, R010a, R012a, R012b, R016a, R025a, R026a, R027a, R028a, R028b, R029a, R030a, R033a, R034a, R046a

NUMBER

BEGIN CONSTRUCTION
STA. 100+35.50



THE CONTROL OF ACCESS ON THIS
PROJECT SHALL BE BY PERMIT

END CONSTRUCTION
STA. 280+90.00

LAYOUT MAP



TRAFFIC DATA	ADT		DHV		%T
	2006	2026	2006	2026	
SEGMENT 1 (KY 149 - KY 11):	10,500	14,000	1,600	11	
SEGMENT 2 (KY 11 - KY 3480):	20,300	27,000	3,000	14	
SEGMENT 3 (KY 3480 - KY 80):	15,500	21,000	2,300	14	

DESIGN CRITERIA

CLASS OF HIGHWAY	URBAN/RURAL ARTERIAL
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	45 MPH URBAN / 55 MPH RURAL
REQUIRED NPSD	360' URBAN / 495' RURAL
REQUIRED PSD	N/A URBAN / 1985' RURAL
LEVEL OF SERVICE	E (EXISTING), B (PROPOSED)
ADT PRESENT ()	SEE ABOVE
ADT FUTURE ()	SEE ABOVE
DHV	SEE ABOVE
D %	
T %	SEE ABOVE

GEOGRAPHIC COORDINATES

LATITUDE 37 DEGREES 08 MINUTES 20 SECONDS NORTH
 LONGITUDE 83 DEGREES 46 MINUTES 07 SECONDS WEST

DESIGNED

% RESTRICTED SD _____
 LEVEL OF SERVICE _____
 MAX. DISTANCE W/O PASSING _____

LENGTH <u>18054.50</u> LIN. FT. <u>3.42</u> MILES	LENGTH _____ LIN. FT. _____ MILES	LENGTH _____ LIN. FT. _____ MILES	LENGTH _____ LIN. FT. _____ MILES
ADDED [] DEDUCTED [] FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	ADDED [] DEDUCTED [] FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	ADDED [] DEDUCTED [] FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	ADDED [] DEDUCTED [] FOR EQUALITIES _____ LIN. FT. NOT INCLUDED
RAILROAD CROSSINGS NO. _____ LIN. FT. BRIDGES _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT. BRIDGES _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT. BRIDGES _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT. BRIDGES _____ LIN. FT.

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
 COUNTY OF
CLAY
 US 421 / KY 80 WIDENING

ITEM NO. 11-8003.00
 PROJECT FD04 026 0421 014-017 011 D
 NUMBER: PON2-625-0600002125
 LETTING DATE: _____
 RECOMMENDED BY: _____ PROJECT MANAGER DATE: _____
 PLAN APPROVED BY: _____ STATE HIGHWAY ENGINEER DATE: _____

PLANS PREPARED
AND SUBMITTED BY:

 GRW Engineers, Inc.

JANUARY 31, 2013

FILE NAME: T:\3386\PHASE 2\SHEETS\LAYO\RO0100LS.DGN

USER: JSlugentz
DATE PLOTTED: January 30, 2013

E-SHEET NAME:

MicroStation v8.11.7.443

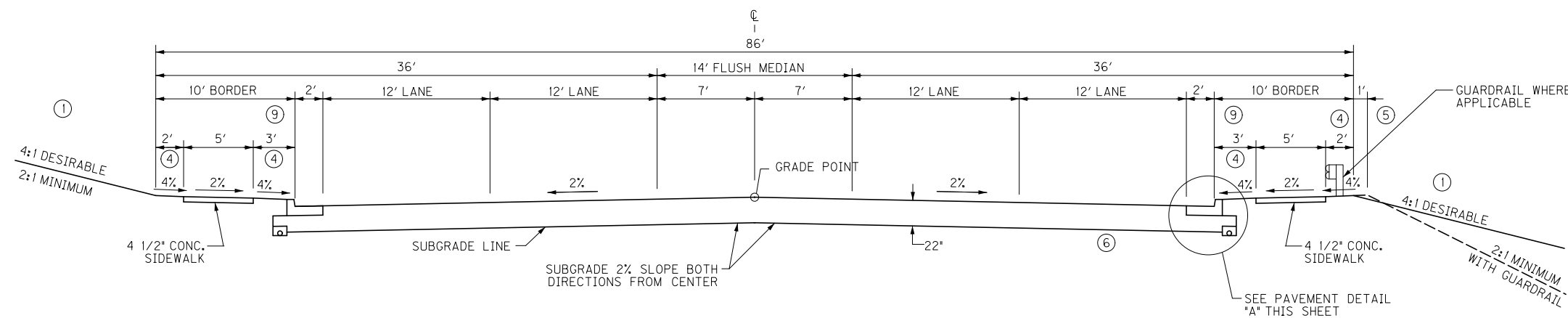
THIS IS A HALF SIZE SET OF PLANS

TYPICAL SECTIONS

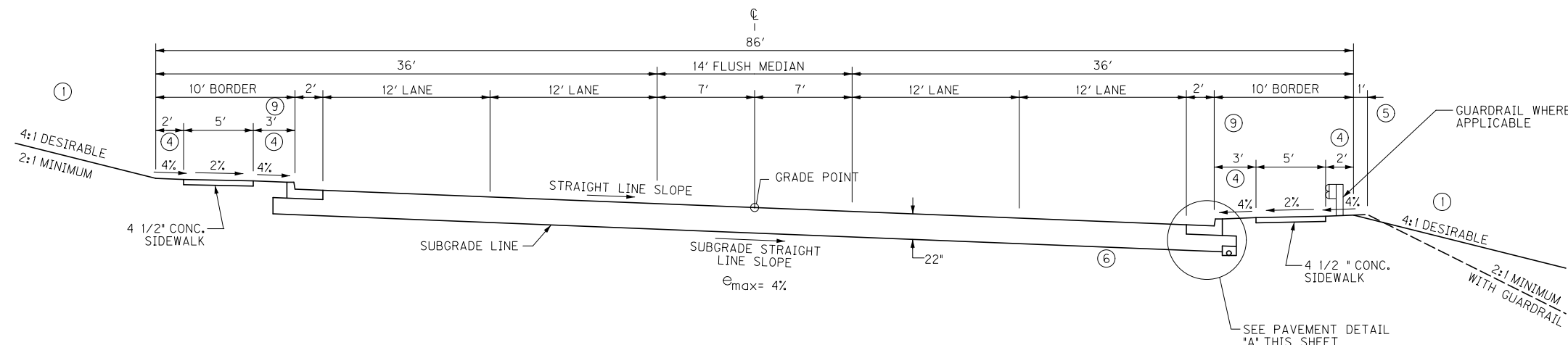
COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R002

NOTES

- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
- ② SUPERELEVATED SHOULDER TO BE CONSTRUCTED TO SUPERELEVATION RATE. AT NO TIME WILL THE SLOPE BE FLATTER THAN THE SLOPE INDICATED FOR NORMAL SECTION.
- ③ REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF THE CURRENT EDITION OF KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ④ AREA BETWEEN THE BACK OF CURB AND THE SIDEWALK AND THE OUTER PORTION OF THE BORDER, WILL BE SODDED.
- ⑤ SHOULDERS SHALL BE WIDENED 1' WHERE GUARDRAIL IS TO BE INSTALLED.
- ⑥ SUBGRADE MATERIAL SHALL CONFORM TO AND BE PLACED AND COMPACTED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE CURRENT EDITION OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SUBGRADE MATERIAL SHALL BE CAPABLE OF PROVIDING A MINIMUM CBR VALUE OF 6.
- ⑦ SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE (1) FOOT.
- ⑧ FOR ROCK SLOPES, SEE CROSS SECTIONS
- ⑨ CONTRARY TO STANDARD DRAWING NUMBER RPM - 150 USE WIDTH INDICATED

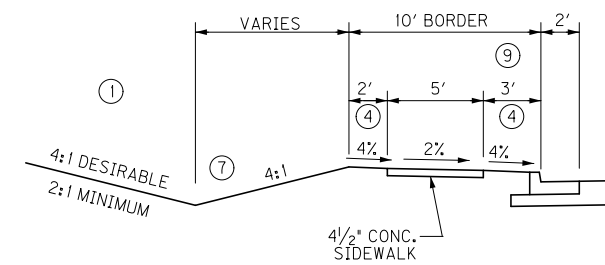


NORMAL FILL /CUT SECTION



SUPERELEVATION FILL /CUT SECTION

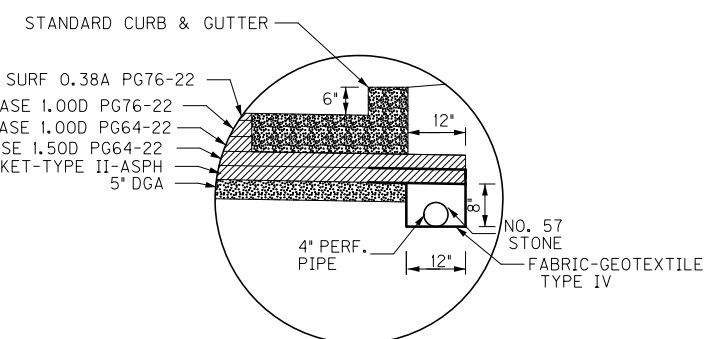
5-LANE URBAN (STA. 100+35.50 TO STA. 191+60.00)



TYPICAL CUT DITCH SECTION

N. T. S.

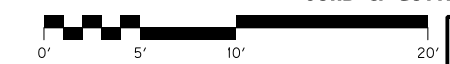
PAVEMENT SCHEDULE	
TRAFFIC LANES	
DGA	5" DEPTH
DRAINAGE BLANKET TYPE II - ASPH	4" DEPTH
CL3 ASPH BASE 1,50D PG64-22	5" DEPTH
CL3 ASPH BASE 1,00D PG64-22	3 1/2" DEPTH
CL3 ASPH BASE 1,00D PG76-22	3 1/4" DEPTH
CL3 ASPH SURF 0.38A PG76-22	1 1/4" DEPTH



DETAIL "A"

N. T. S.

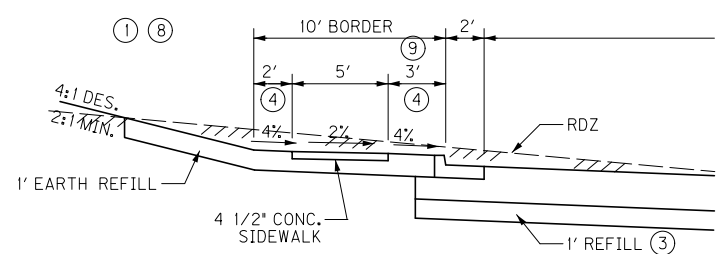
CURB & GUTTER PAVEMENT



SCALE: 1"= 5'

TYPICAL SECTIONS
US 421/KY 80 WIDENING
5 LANE URBAN

FILE NAME: T:\3386\PHASE 2\SHEETS\TYPICAL SECTIONS\ROO200TS.DGN
 USER: DShoyer
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443



TYPICAL URBAN ROCK CUT SECTION

N. T. S.

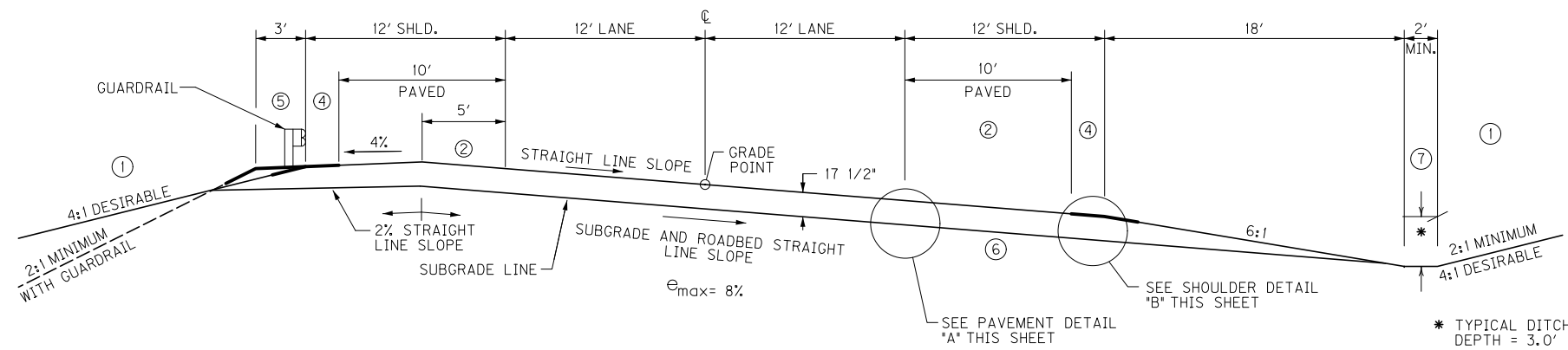
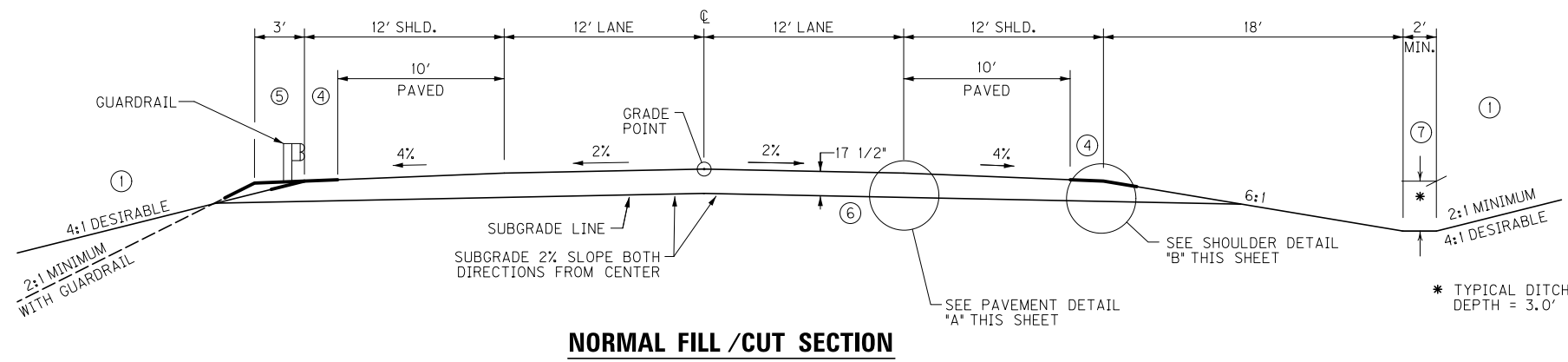
TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R002A

NOTES

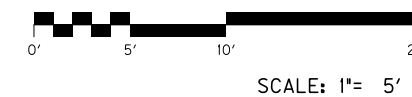
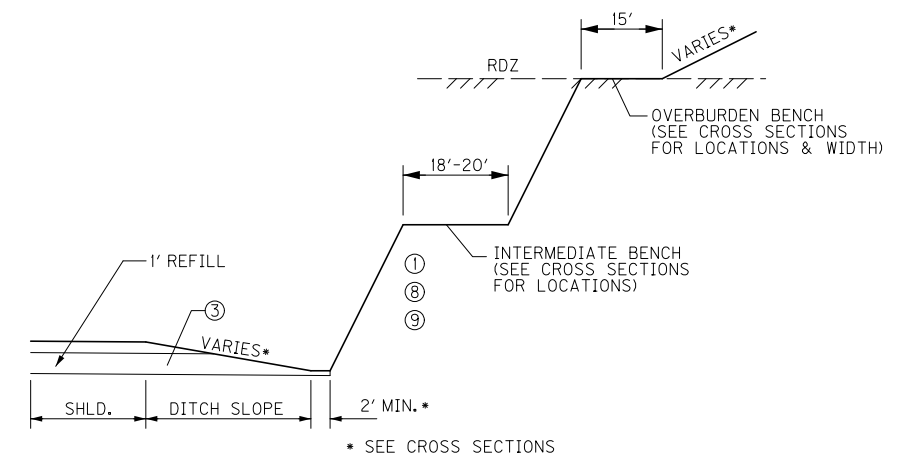
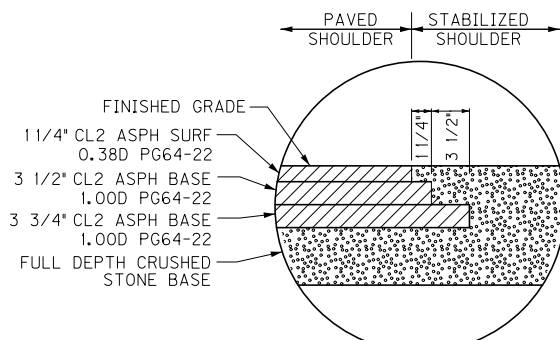
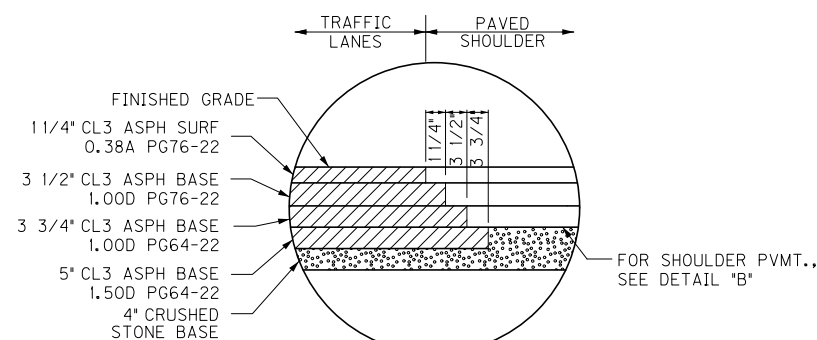
- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
- ② SUPERELEVATED SHOULDER TO BE CONSTRUCTED TO SUPERELEVATION RATE. AT NO TIME WILL THE SLOPE BE FLATTER THAN THE SLOPE INDICATED FOR NORMAL SECTION.
- ③ REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF THE CURRENT EDITION OF KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ④ ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE.

 ASPHALT SEAL COAT — EMULSIFIED ASPHALT RS-2 @ 2.40 LBS./S.Y.
 (2 APPLICATIONS) BITUMINOUS SEAL AGGREGATE @ 20 LBS./S.Y.
 (CRUSHED AGGREGATE SIZE NO.8 OR 9M)
- ⑤ SHOULDERS SHALL BE WIDENED 3' WHERE GUARDRAIL IS TO BE INSTALLED.
- ⑥ SUBGRADE MATERIAL SHALL CONFORM TO AND BE PLACED AND COMPACTED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE CURRENT EDITION OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SUBGRADE MATERIAL SHALL BE CAPABLE OF PROVIDING A MINIMUM CBR VALUE OF 6.
- ⑦ SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE (1) FOOT.
- ⑧ FOR ROCK SLOPES, SEE CROSS SECTIONS.
- ⑨ SEE CROSS SECTIONS FOR PRE-SPLIT SLOPES FROM RDZ TO ROCK CUT DITCH LINE.



PAVEMENT SCHEDULE	
TRAFFIC LANES	
CRUSHED STONE BASE	4" DEPTH
CL3 ASPH BASE 1.50D PG64-22	5" DEPTH
CL3 ASPH BASE 1.00D PG64-22	3 3/4" DEPTH
CL3 ASPH BASE 1.00D PG76-22	3 1/2" DEPTH
CL3 ASPH SURF 0.38A PG76-22	1 1/4" DEPTH
SHOULDERS	
CRUSHED STONE BASE	FULL DEPTH
CL2 ASPH BASE 1.00D PG64-22	3 3/4" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3 1/2" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1 1/4" DEPTH

2-LANE RURAL (STA. 191+60.00 TO 278+87.17)



TYPICAL SECTIONS
US 421/KY 80 WIDENING
2 LANE RURAL

FILE NAME: T:\3386\PHASE 2\SHEETS\TYPICAL SECTIONS\R002A01S.DGN

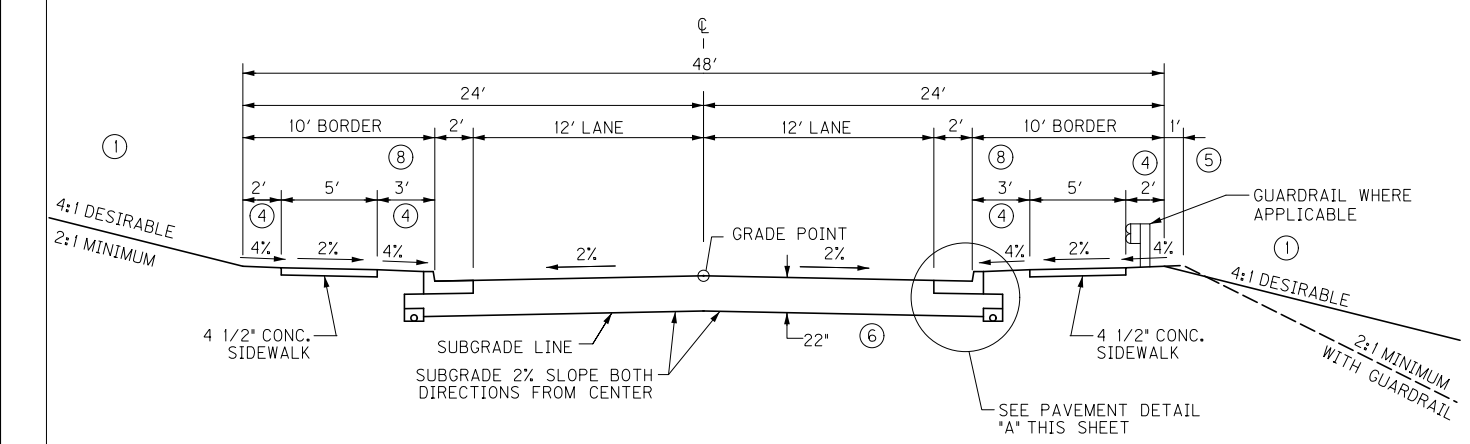
USER: AChadwell
DATE PLOTTED: January 30, 2013

E-SHEET NAME:

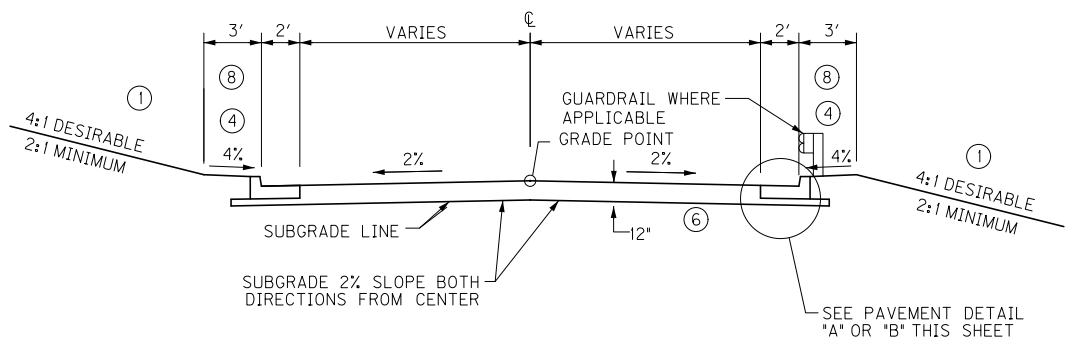
MicroStation v8.11.7.443

TYPICAL SECTIONS

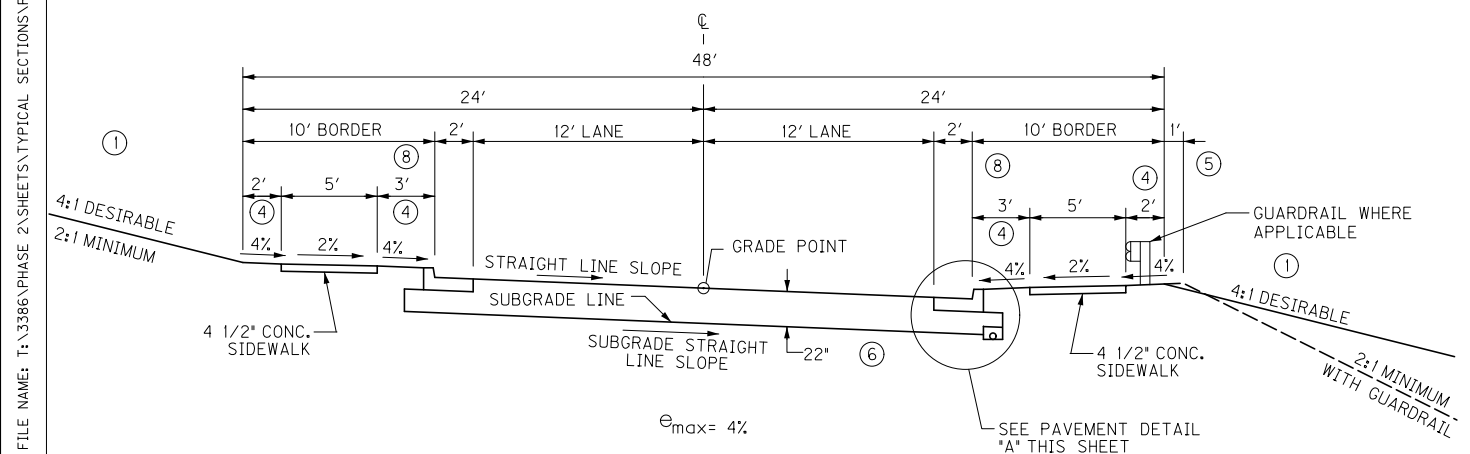
COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R002B



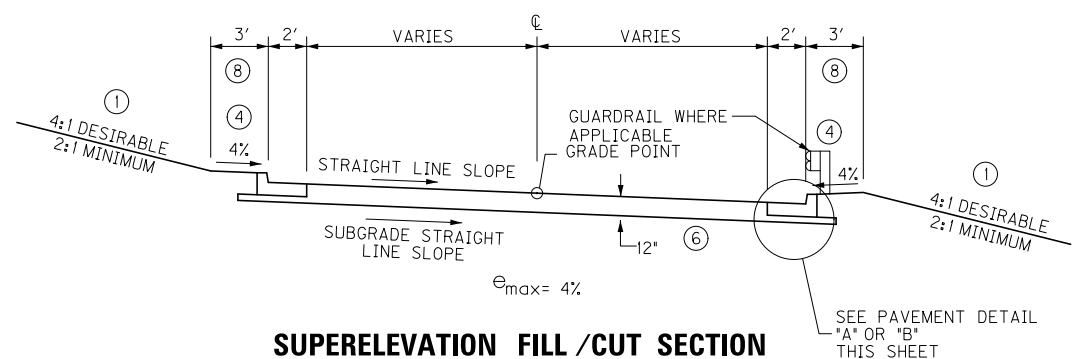
NORMAL FILL /CUT SECTION



NORMAL FILL /CUT SECTION



SUPERELEVATION FILL /CUT SECTION



SUPERELEVATION FILL /CUT SECTION

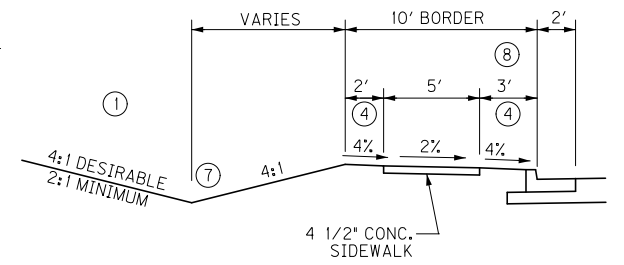
URBAN APPROACH ROADS

(KY 3480, KY 11, KY 1999 STA. 45+00 TO STA. 49+67)

URBAN LOCAL ACCESS ROADS

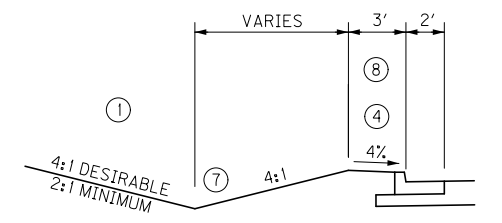
(SWAFFORD ST., HORSE CREEK ELEM. RD., OLD TIMERS RD. NO. 1 & 2, PACE CREEK ELEM. ENTRANCES, BUS GARAGE ENTRANCE, LAR NO. 1, 2, 3, 4, 5, 6, & 7)

- NOTES**
- SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
 - SUPERELEVATED SHOULDER TO BE CONSTRUCTED TO SUPERELEVATION RATE. AT NO TIME WILL THE SLOPE BE FLATTER THAN THE SLOPE INDICATED FOR NORMAL SECTION.
 - REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF THE CURRENT EDITION OF KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - AREA BETWEEN THE BACK OF CURB AND THE SIDEWALK AND THE OUTER PORTION OF THE BORDER, WILL BE SODDED.
 - SHOULDERS SHALL BE WIDENED 1' WHERE GUARDRAIL IS TO BE INSTALLED.
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 - SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE (1) FOOT.
 - CONTRARY TO STANDARD DRAWING NUMBER RPM - 150 USE WIDTH INDICATED



TYPICAL CUT DITCH SECTION APPROACH ROADS

N.T.S.

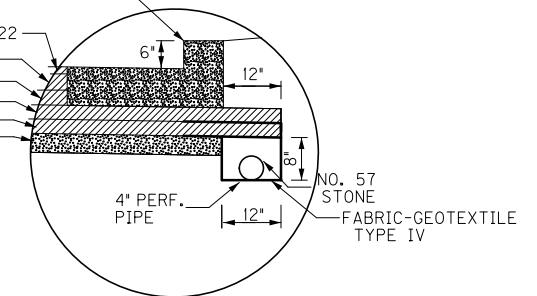


TYPICAL CUT DITCH SECTION LOCAL ACCESS ROADS

N.T.S.

STANDARD CURB & GUTTER

- 1 1/4" CL3 ASPH SURF 0.38A PG76-22
- 3 1/4" CL3 ASPH BASE 1.00D PG76-22
- 3 1/2" CL3 ASPH BASE 1.00D PG64-22
- 5" CL3 ASPH BASE 1.50D PG64-22
- 4" DRAINAGE BLANKET-TYPE II-ASPH
- 5" DGA



DETAIL "A"

N.T.S.

CURB & GUTTER PAVEMENT

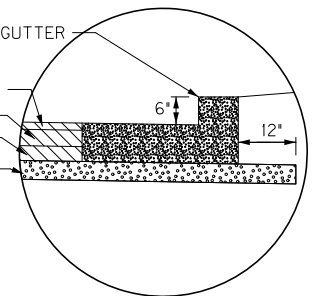
USE DETAIL "A" FOR HORSE CRK. ELEM. RD., PACES CRK. ELEM. RD., BUS GARAGE ENTR.

PAVEMENT SCHEDULE

APPROACH ROAD TRAFFIC LANES	
DGA	5" DEPTH
DRAINAGE BLANKET TYPE II - ASPH	4" DEPTH
CL3 ASPH BASE 1.50D PG64-22	5" DEPTH
CL3 ASPH BASE 1.00D PG64-22	3 1/2" DEPTH
CL3 ASPH BASE 1.00D PG76-22	3 1/4" DEPTH
CL3 ASPH SURF 0.38A PG76-22	1 1/4" DEPTH
LOCAL ACCESS ROAD TRAFFIC LANES (SEE DETAIL "A" FOR EXCEPTIONS)	
CRUSHED STONE BASE	4" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3 1/2" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3 1/4" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1 1/4" DEPTH

STANDARD CURB & GUTTER

- 1 1/4" CL2 ASPH SURF 0.38D PG64-22
- 3 1/4" CL2 ASPH BASE 1.00D PG64-22
- 3 1/2" CL2 ASPH BASE 1.00D PG64-22
- 4" CRUSHED STONE BASE



DETAIL "B"

N.T.S.

CURB & GUTTER PAVEMENT

USE DETAIL "B" FOR SWAFFORD ST., LAR NO. 1, 2, 3, 4, 5, 6, & 7, OLD TIMERS RD. NO. 1 & 2



FILE NAME: T:\3386\PHASE 2\SHEETS\TYPICAL SECTIONS\R002BOTS.DGN
 USER: JSUGANTZ
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

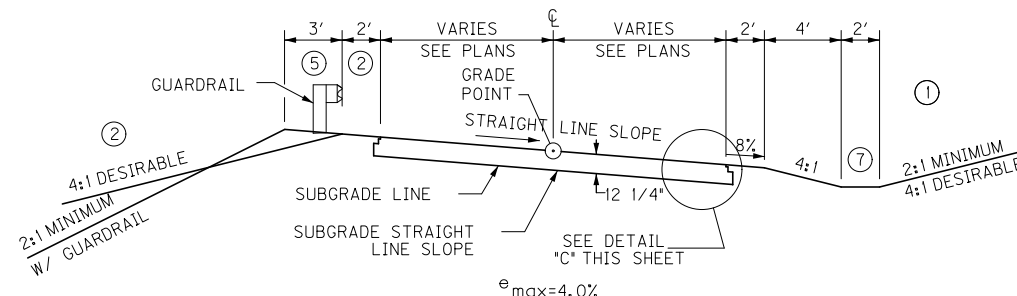
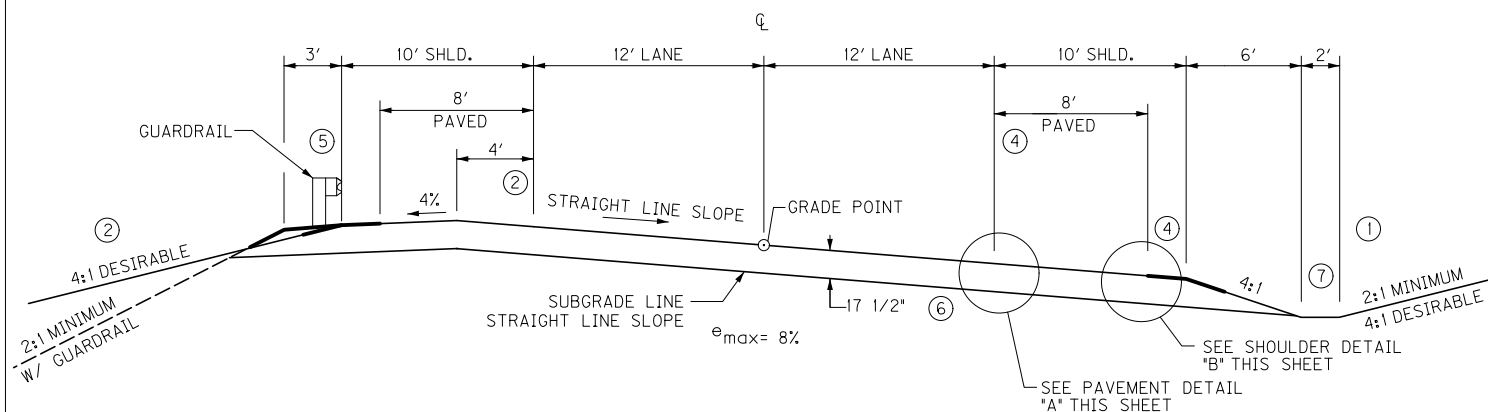
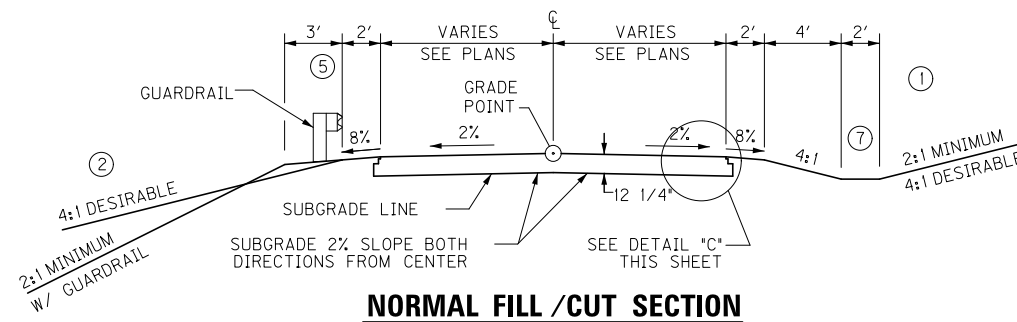
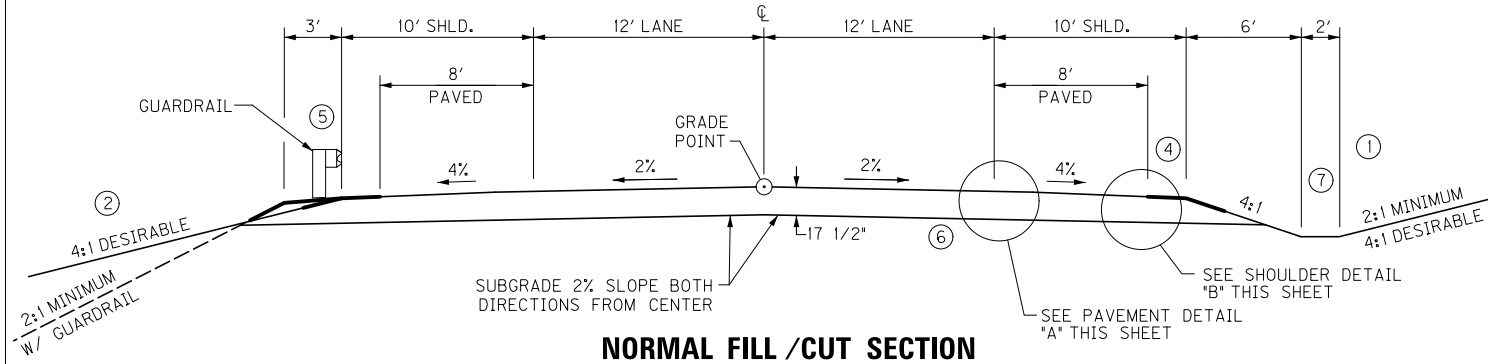
TYPICAL SECTIONS
 US 421/KY 80 WIDENING
 URBAN APPROACH/LOCAL ACCESS ROADS

TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R002C

NOTES

- SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
- SUPERELEVATED SHOULDER TO BE CONSTRUCTED TO SUPERELEVATION RATE. AT NO TIME WILL THE SLOPE BE FLATTER THAN THE SLOPE INDICATED FOR NORMAL SECTION.
- REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF THE CURRENT EDITION OF KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE.
ASPHALT SEAL COAT — EMULSIFIED ASPHALT RS-2 @ 2.40 LBS./S.Y. (2 APPLICATIONS)
 BITUMINOUS SEAL AGGREGATE @ 20 LBS./S.Y. (CRUSHED AGGREGATE SIZE NO.8 OR 9M)
- SHOULDERS SHALL BE WIDENED 3' WHERE GUARDRAIL IS TO BE INSTALLED.
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- SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE (1) FOOT.

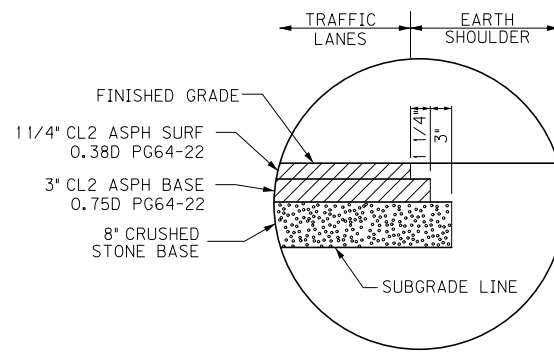
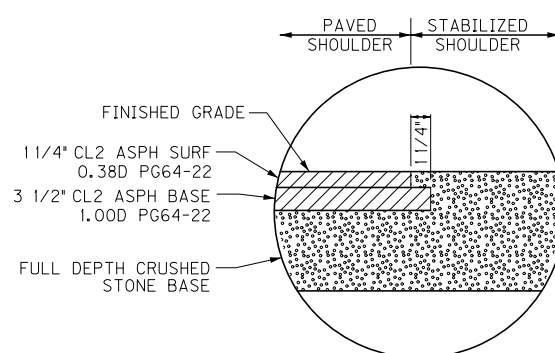
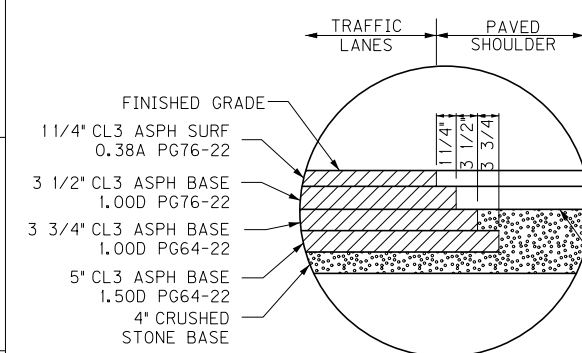


RURAL APPROACH ROAD (KY 149)

RURAL LOCAL ACCESS ROADS (KY 1999 STA. 43+61.94 TO STA. 45+00, OLD KY 1999 CONN., TAYLOR RD., TAYLOR RD. ENTR., CHOP BOTTOM RD., CATFISH HOLLOW RD., WADE HACKER RD., STACY BRANCH RD., DAIRY FARM RD.)

PAVEMENT SCHEDULE

APPROACH ROAD TRAFFIC LANES		
CRUSHED STONE BASE		4" DEPTH
CL3 ASPH BASE 1,500 PG64-22		5" DEPTH
CL3 ASPH BASE 1,000 PG64-22		3 3/4" DEPTH
CL3 ASPH BASE 1,000 PG76-22		3 1/2" DEPTH
CL3 ASPH SURF 0.38A PG76-22		1 1/4" DEPTH
APPROACH ROAD SHOULDERS		
CRUSHED STONE BASE		FULL DEPTH
CL2 ASPH BASE 1,000 PG64-22		3 1/2" DEPTH
CL2 ASPH SURF 0.38D PG64-22		1 1/4" DEPTH
LOCAL ACCESS ROAD TRAFFIC LANES		
CRUSHED STONE BASE		8" DEPTH
CL2 ASPH BASE 0.75D PG64-22		3" DEPTH
CL2 ASPH SURF 0.38D PG64-22		1 1/4" DEPTH



SCALE: 1" = 5'

TYPICAL SECTIONS
US 421/KY 80 WIDENING
RURAL APPROACH/LOCAL ACCESS ROADS

FILE NAME: T:\3386 PHASE 2\3386 TYPICAL SECTIONS\R002COTS.DGN

USER: DSHoyer
DATE PLOTTED: January 30, 2013

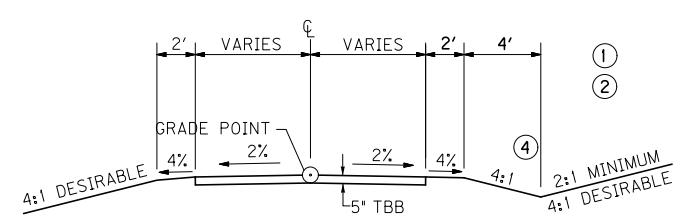
E-SHEET NAME:

MicroStation v8.ii.7.443

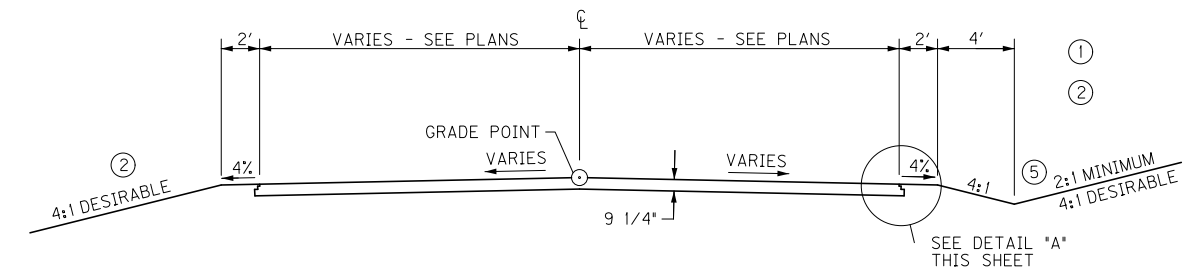
TYPICAL SECTIONS

NOTES

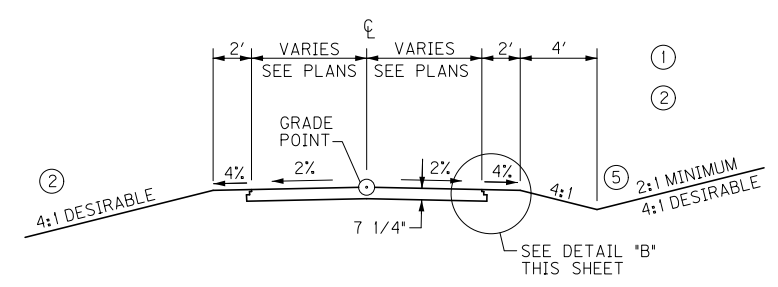
- ① FOR ROCK SLOPES, SEE CROSS SECTIONS.
- ② SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS AND BORDERS.
- ③ REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF CURRENT EDITION OF KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ④ SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF 1 FOOT.
- ⑤ SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE (1) FOOT.



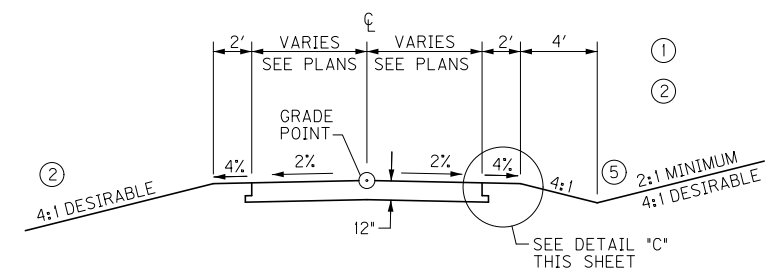
UNPAVED ENTRANCE SECTION



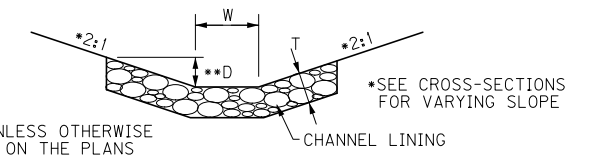
COMMERCIAL ENTRANCE SECTION



RESIDENTIAL ASPHALT ENTRANCE SECTION



RESIDENTIAL CONCRETE ENTRANCE SECTION



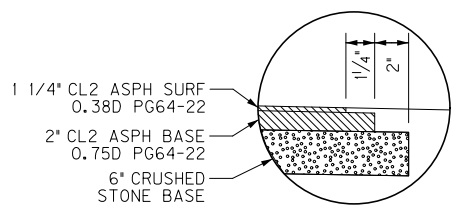
••D=12" UNLESS OTHERWISE NOTED ON THE PLANS

W = WIDTH, SEE PLANS FOR VALUE
T = THICKNESS
SOD-T=2"
CLASS II CH. LIN.: T=15"
CLASS III CH. LIN.: T=24"
CLASS III MOD. CH. LIN.: T=36", D50=18"
D = DEPTH TO PROTECT

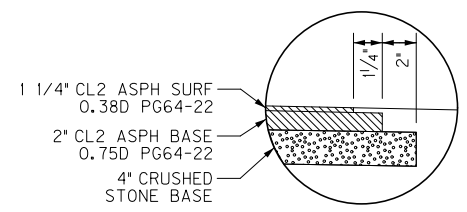
TYPICAL DITCH SECTION
CHANNEL LINING
CL II, CL III, & CL IIIM
CHANNEL LINING CLASS III (MODIFIED)

Provide material meeting the general requirements of Section 805 of the Standard Specifications. No less than 80 percent, by volume, of individual stones that range in size from 1/4 to 2/4 cubic feet. The Department will allow stones of smaller sizes for filling voids in the upper surface and dressing to the proper slope.

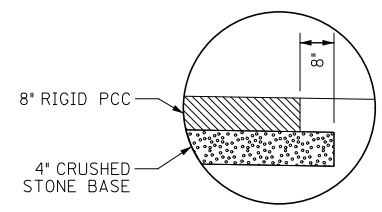
ENTRANCES



DETAIL "A"
N. T. S.
COMMERCIAL ENTRANCE PAVEMENT

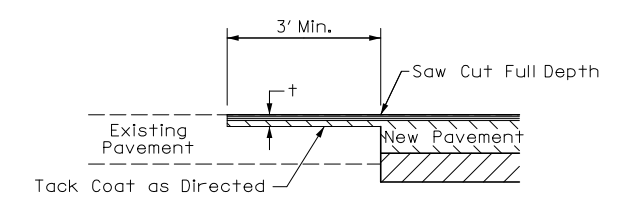


DETAIL "B"
N. T. S.
RESIDENTIAL ASPHALT ENTRANCE PAVEMENT



DETAIL "C"
N. T. S.
RESIDENTIAL CONCRETE ENTRANCE PAVEMENT

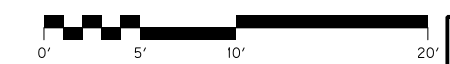
PAVEMENT SCHEDULE		
COMMERCIAL TRAFFIC LANES		
CRUSHED STONE BASE		6" DEPTH
CL2 ASPH BASE 0.75D PG64-22		2" DEPTH
CL2 ASPH SURF 0.38D PG64-22		1 1/4" DEPTH
RESIDENTIAL ASPHALT TRAFFIC LANES		
CRUSHED STONE BASE		4" DEPTH
CL2 ASPH BASE 0.75D PG64-22		2" DEPTH
CL2 ASPH SURF 0.38D PG64-22		1 1/4" DEPTH
RESIDENTIAL CONCRETE TRAFFIC LANES		
CRUSHED STONE BASE		4" DEPTH
RIGID PCC		8" DEPTH
UNPAVED ENTRANCE		
TBB		5" DEPTH



TRANSVERSE PAVEMENT TIE DETAIL

N. T. S.
+ = THICKNESS OF SURFACE COURSE AND FIRST BASE COURSE

Work under this item shall include cutting out the existing asphalt surface to a minimum depth and width as shown, so the new surface may heel into the existing surface. This work including any required sawcutting of the existing pavement shall be incidental to construction of the asphalt concrete.



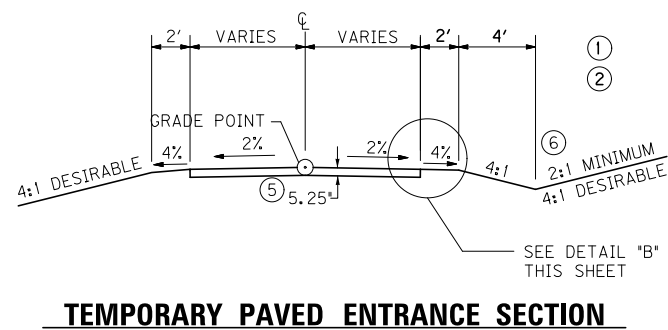
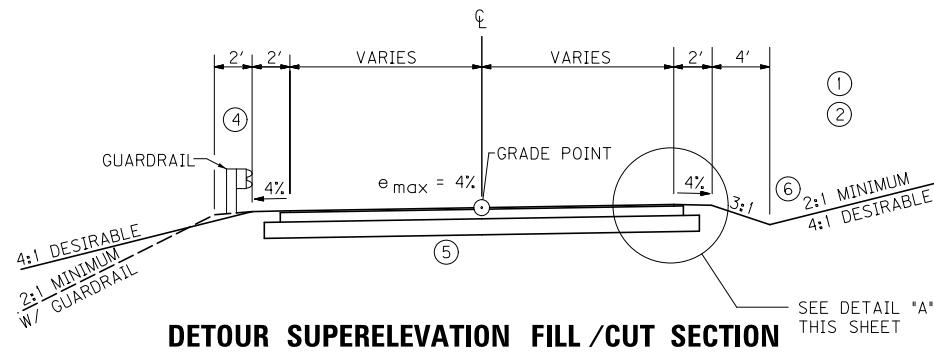
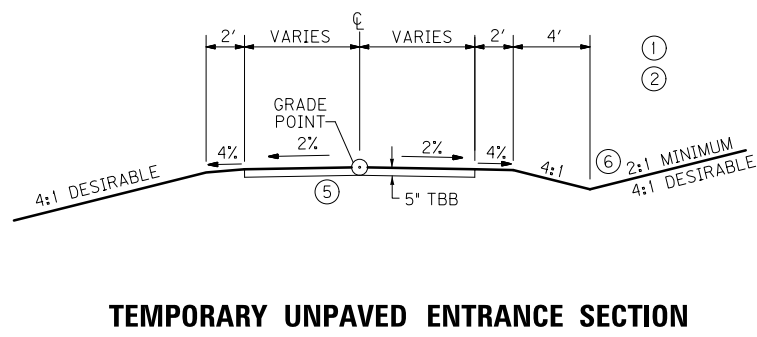
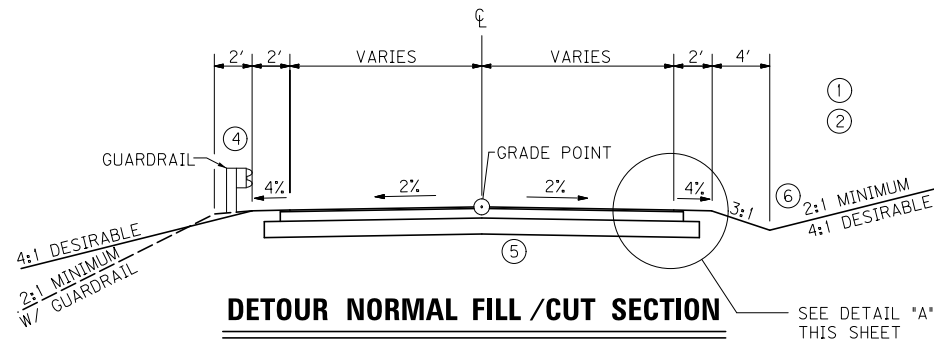
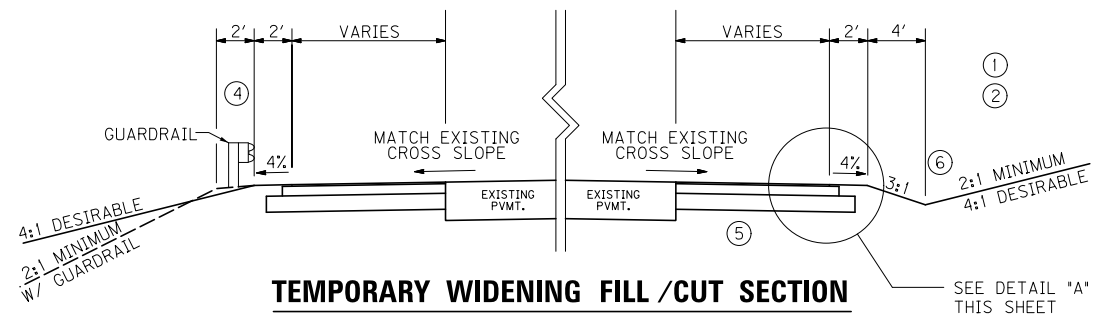
SCALE: 1"= 5'

TYPICAL SECTIONS
US 421/KY 80 WIDENING
ENTRANCES

FILE NAME: T:\3386\PHASE 2\SHEETS\TYPICAL SECTIONS\RO02D0TS.DGN
USER: BCartlison
DATE PLOTTED: January 30, 2013
E-SHEET NAME:
MicroStation v8.11.7.443

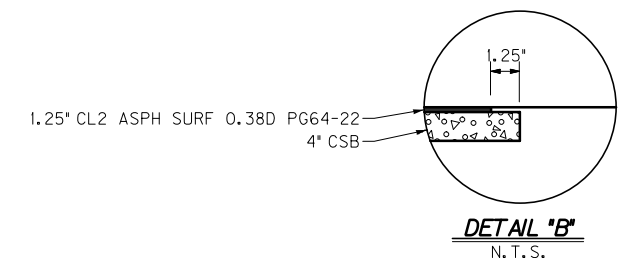
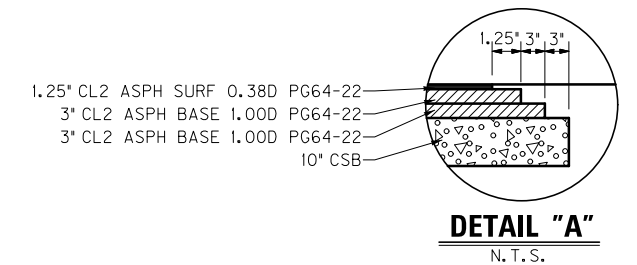
TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8300.00	RO02E



NOTES

- SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
- SUPERELEVATED SHOULDER TO BE CONSTRUCTED TO SUPERELEVATION RATE. AT NO TIME WILL THE SLOPE BE FLATTER THAN THE SLOPE INDICATED FOR NORMAL SECTION.
- REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF THE CURRENT EDITION OF KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- SHOULDERS SHALL BE WIDENED 1' WHERE GUARDRAIL IS TO BE INSTALLED.
- SUBGRADE MATERIAL SHALL CONFORM TO AND BE PLACED AND COMPACTED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE CURRENT EDITION OF THE KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. SUBGRADE MATERIAL SHALL BE CAPABLE OF PROVIDING A MINIMUM CBR VALUE OF 6.
- SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE (1) FOOT.



PAVEMENT SCHEDULE	
DETOUR	
CRUSHED STONE BASE	10" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1 1/4" DEPTH
TEMPORARY WIDENING	
CRUSHED STONE BASE	10" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1 1/4" DEPTH
TEMPORARY PAVED ENTRANCE	
CRUSHED STONE BASE	4" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1 1/4" DEPTH
TEMPORARY UNPAVED ENTRANCE	
TBB	5" DEPTH

TEMPORARY CONSTRUCTION

SCALE: 1"=5'

TYPICAL SECTIONS
US 421/KY 80 WIDENING
TEMPORARY CONSTRUCTION

FILE NAME: T:\3386\PHASE 2\SHEETS\TYPICAL SECTIONS\RO02E01.DGN

USER: DSHoyer
DATE PLOTTED: January 30, 2013

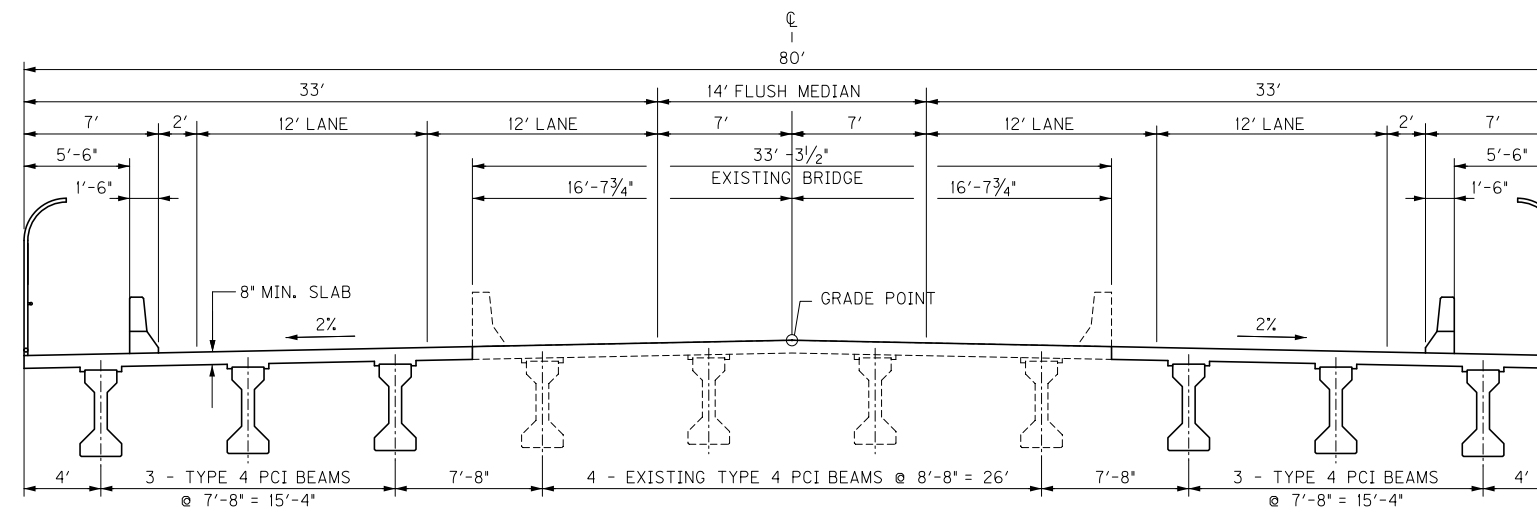
E-SHEET NAME:

MicroStation v8.11.7.443

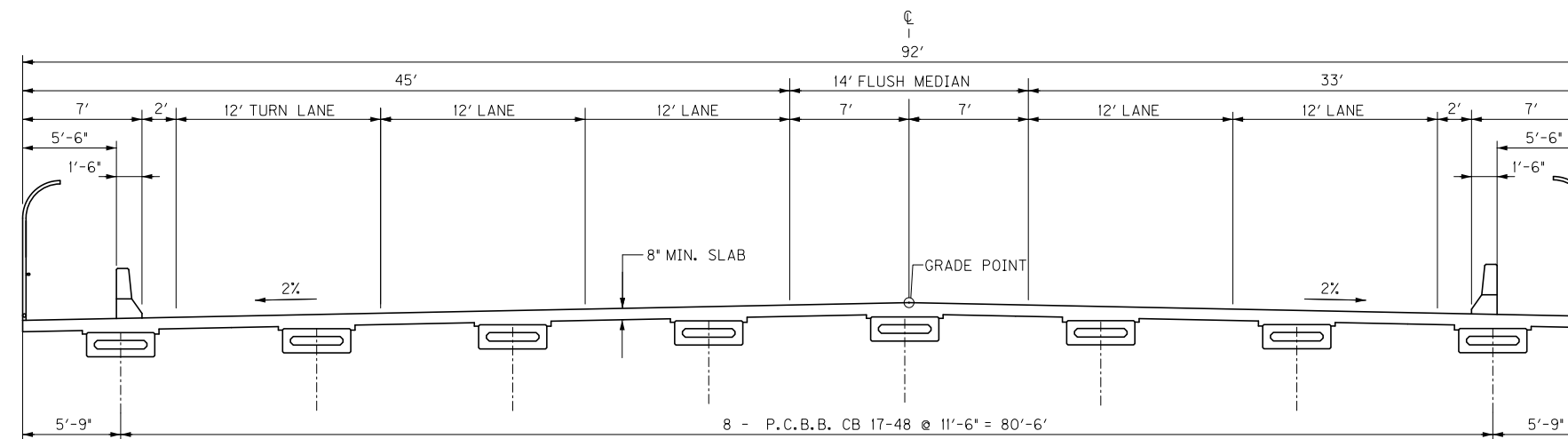
COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R002F

TYPICAL SECTIONS

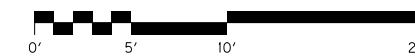
SCALE: 1" = 5'



**5-LANE BRIDGE TYPICAL
OVER GOOSE CREEK**



**5-LANE BRIDGE TYPICAL
OVER HORSE CREEK**



SCALE: 1"=5'

TYPICAL SECTIONS
US 421/KY 80 WIDENING
BRIDGE TYPICALS

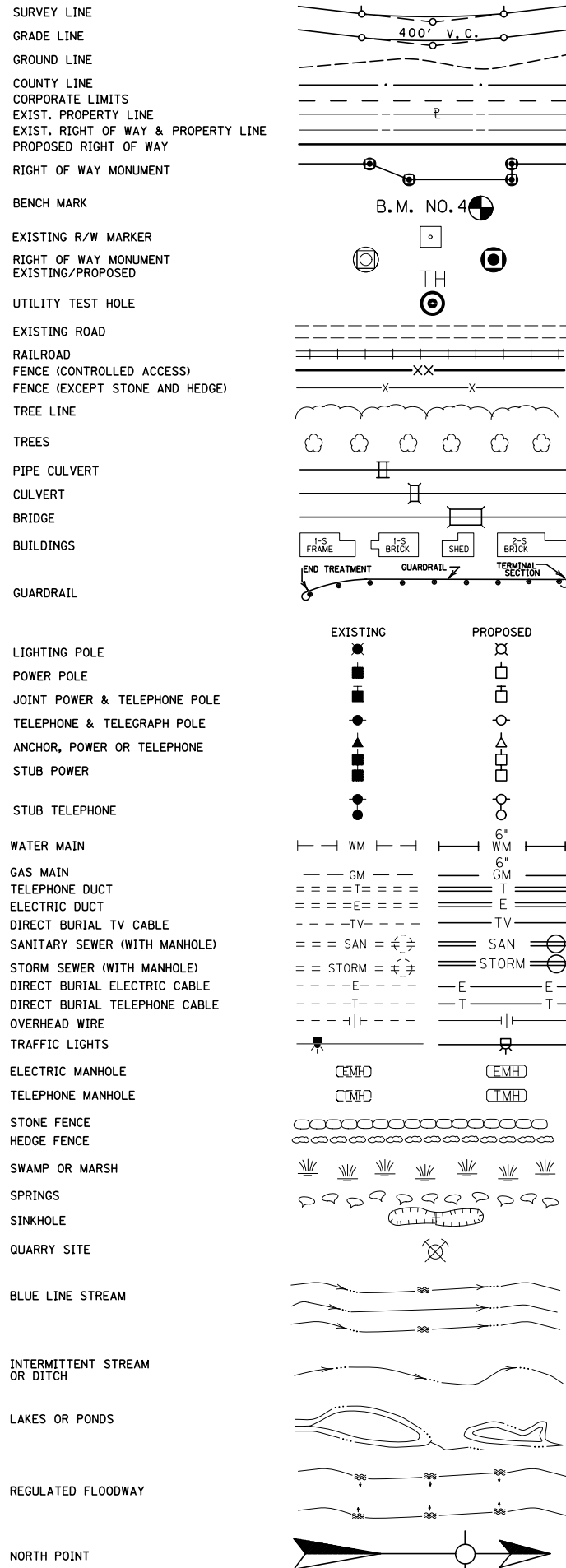
FILE NAME: T:\3386\PHASE 2\DESIGN\STRUCTURAL\TYPICALS\RODFOTS.DGN

USER: BCarttison
DATE PLOTTED: January 30, 2013

E-SHEET NAME:

MicroStation v8.11.7.443

CONVENTIONAL SIGNS



BEFORE YOU DIG

CALL 1-800-752-6007 TOLL FREE A MINIMUM OF TWO AND NO MORE THAN TEN BUSINESS DAYS PRIOR TO EXCAVATION FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES WHICH SUBSCRIBE TO THE BEFORE-U-DIG (BUD) SERVICE. COORDINATE EXCAVATION WITH ALL UTILITY OWNERS, INCLUDING THOSE WHO DO NOT SUBSCRIBE TO BUD. SHOW ALL UTILITIES AND A CONTACT PERSON FOR EACH COMPANY ON SHEET NO. 3 OF THE PLANS.

NOTE:
ALL EXISTING STORM DRAINAGE PIPES AND STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE REMOVED UNLESS NOTED OTHERWISE.

UTILITY OWNERS

Sanitary Sewer
City of Manchester
Manchester Water Office
123 Town Square
Manchester, KY 40962
Telephone: 606 598-3456
Wes Hacker

Water
City of Manchester
Manchester Water Treatment Plant
123 Town Square
Manchester, KY 40962
Telephone: 606 598-3456
Wes Hacker

Electric
Jackson Energy Cooperative
PO Box 307
McKee, KY 40447
Jody Madden
Telephone: 606 262-7480

Jackson Service Plus, Inc.
Home Security/Monitoring Systems
606 364-1000

Kentucky Utilities Company
PO Box 310
London, KY 40743
Alan Sutton
800 981-0600

Gas Transmission & Service
Delta Natural Gas
3617 Lexington Road
Winchester, KY 40391
859 744-6171
Alan L. Heath, PE V.P. Engineering

Chesapeake Energy Corporation
PO Box 18496
Oklahoma City, OK 73154-0496
Telephone: 405 848-8000
Brad Kemp

Telephone
Windstream
130 West New Circle Road
Suite 170
Lexington, KY 40505
Ms. Lezlie Allison
859 357-6205 (Office)
Mr. Larry Sanders
859 583-1947

Cable Television
NewWave Communications, Inc.
2840 South Hwy 421
PO Box 333
Garrard, KY 40941
606 598-5477

NewWave Communications
One Montgomery Plaza 4th Fl.
Sikeston, MO 63801
Telephone: 573 472-9500

House Enterprises, Inc.
PO Box 422
Manchester, KY 40962
Ms. Becky Logan
606 598-2292

C.P.#1, CONC. MON. 44.44' RT.
STA. 99+51.88, ELEV. 914.55

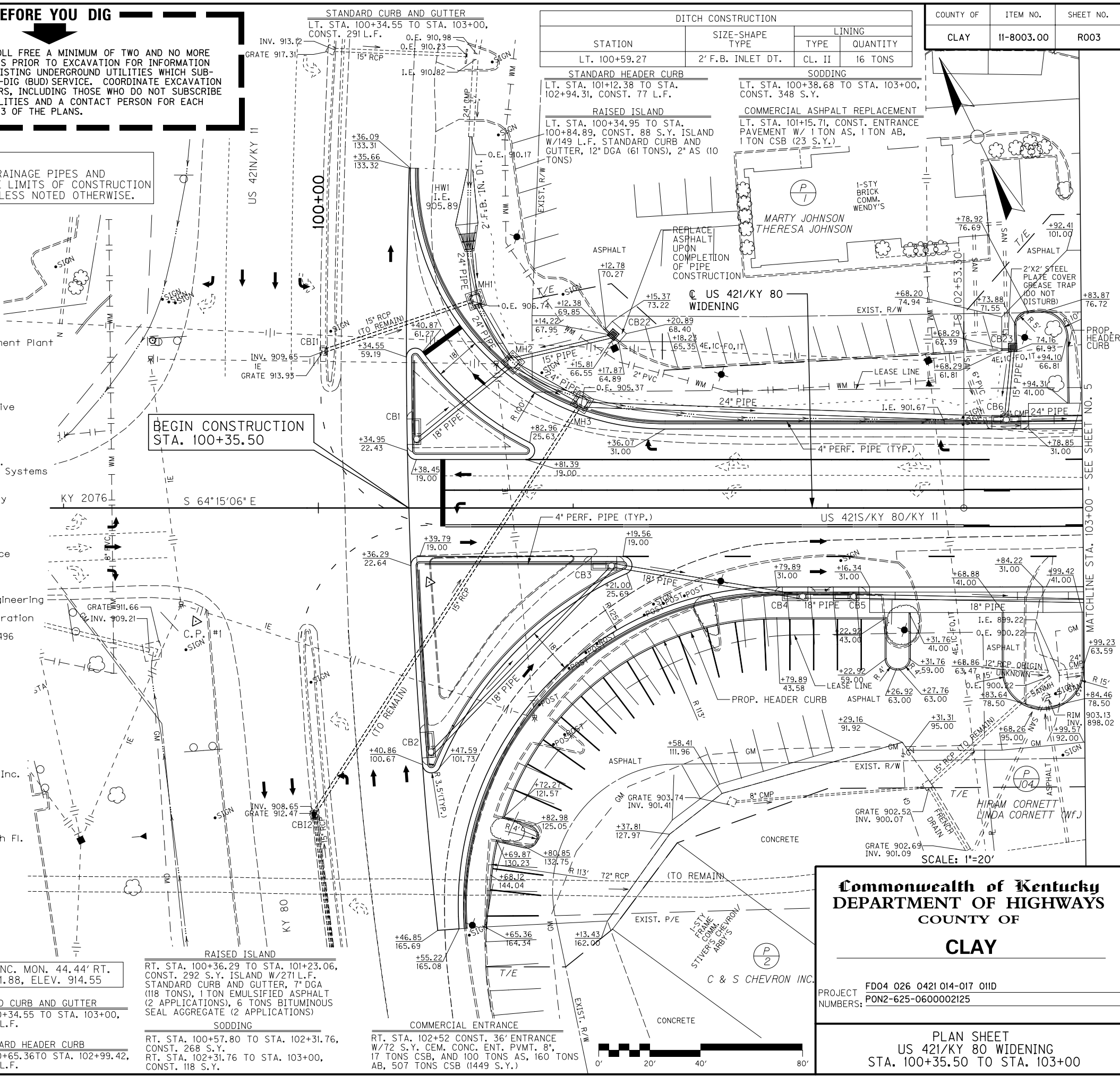
STANDARD CURB AND GUTTER
RT. STA. 100+34.55 TO STA. 103+00,
CONST. 222 L.F.

STANDARD HEADER CURB
RT. STA. 100+65.36 TO STA. 102+99.42,
CONST. 395 L.F.

RAISED ISLAND
RT. STA. 100+36.29 TO STA. 101+23.06,
CONST. 292 S.Y. ISLAND W/271 L.F.
STANDARD CURB AND GUTTER, 7" DGA
(118 TONS), 1 TON EMULSIFIED ASPHALT
(2 APPLICATIONS), 6 TONS BITUMINOUS
SEAL AGGREGATE (2 APPLICATIONS)

SODDING
RT. STA. 100+57.80 TO STA. 102+31.76,
CONST. 268 S.Y.

COMMERCIAL ENTRANCE
RT. STA. 102+52 CONST. 36' ENTRANCE
W/2 S.Y. CEM. CONC. ENT. PVMT. 8",
17 TONS CSB, AND 100 TONS AS, 160 TONS
AB, 507 TONS CSB (1449 S.Y.)



FILE NAME: T:\3386 PHASE 2\SHEETS\PLAN\00300PL.DGN

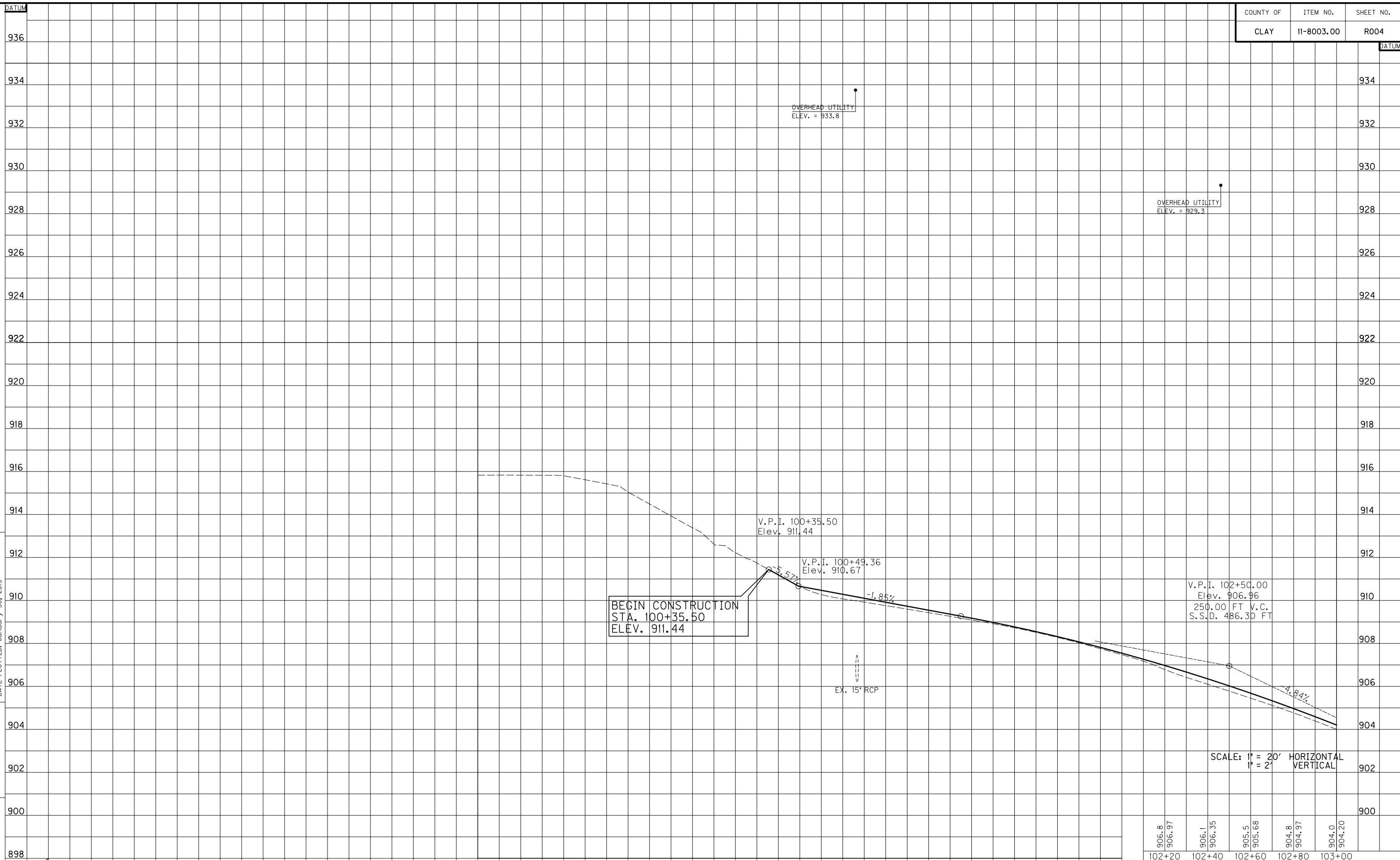
USER: JMGIN
DATE PLOTTED: January 30, 2013

E-SHEET NAME:

MicroStation v8.11.7.443

MATCHLINE STA. 103+00 - SEE SHEET NO. 5

MicroStation v8.11.7.443
 E-SHEET NAME:
 DATE PLOTTED: January 30, 2013
 USER: BCartlison
 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\PROF00400PR.DGN



BEGIN CONSTRUCTION
 STA. 100+35.50
 ELEV. 911.44

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

906.8	906.97	906.1	906.35	905.5	905.68	904.8	904.97	904.0	904.20
102+20	102+40	102+60	102+80	103+00					

PROFILE SHEET
 US 421/KY 80 WIDENING
 STA. 100+35.50 TO STA. 103+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R005

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 106+40 TO 109+00	SPL. "V"	TRM 1	155 TONS

COMMERCIAL ENTRANCE
 LT. STA. 103+13 CONST. 36' ENTRANCE W/72 S.Y. CEM. CONC. ENT. PVMT. 8", 17 TONS CSB, AND 20 TONS AS, 32 TONS AB, 102 TONS CSB (289 S.Y.)

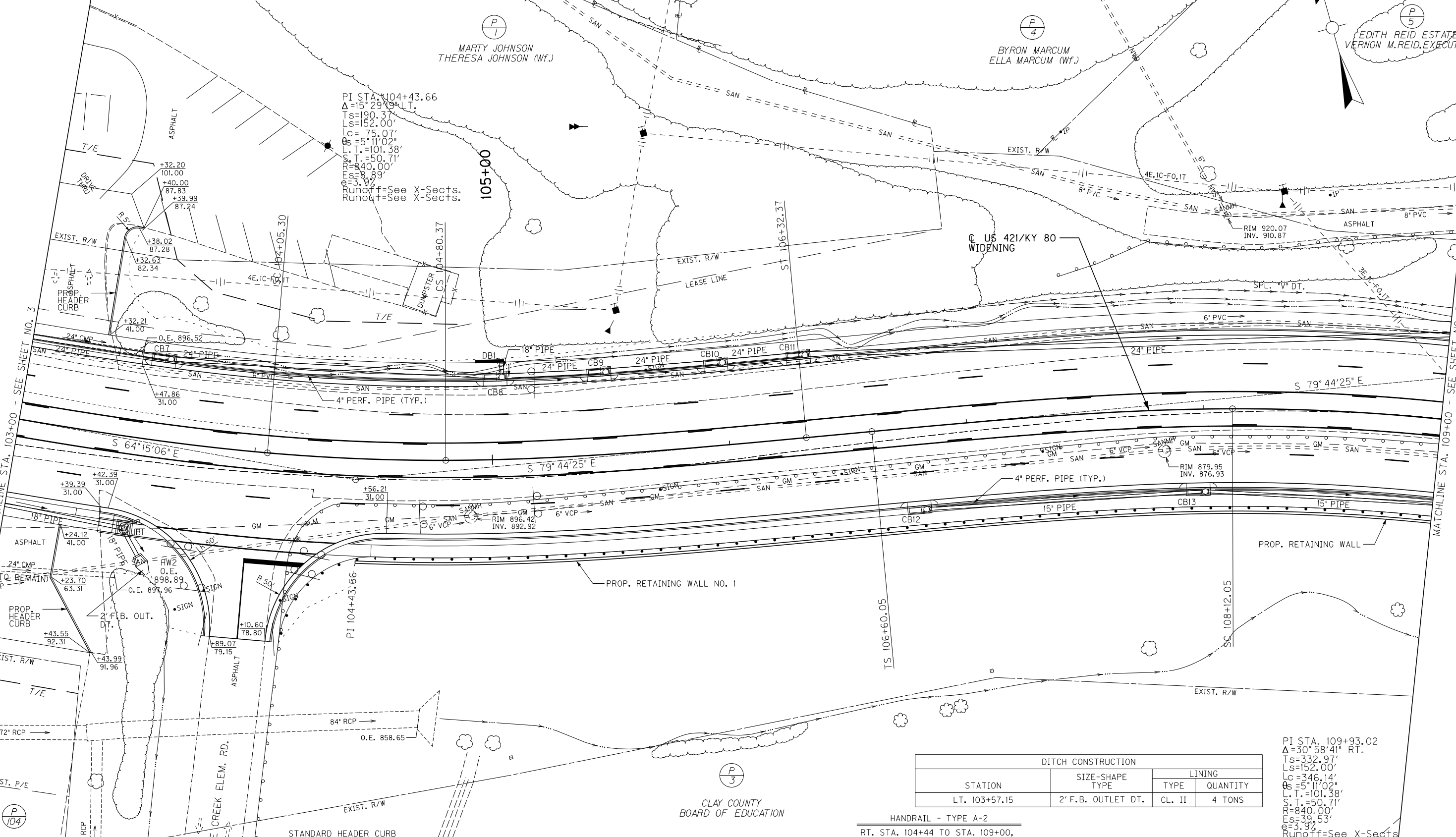
STANDARD CURB AND GUTTER
 LT. STA. 103+00 TO STA. 109+00, CONST. 501 L.F.

STANDARD HEADER CURB
 LT. STA. 103+32.21 TO STA. 103+40, CONST. 52 L.F.

CONSTRUCT 4" SIDEWALK
 LT. STA. 103+00 TO STA. 109+00, CONST. 306 S.Y. ALL SIDEWALKS SHALL BE ADA COMPLIANT.

SODDING
 LT. STA. 103+00 TO STA. 109+00, CONST. 326 S.Y.

FILE NAME: T:\3386\PHASE 2\SHEETS\PLAN\RO0500PL.DGN
 USER: BCartlison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME: MicroStation v8.11.7.443



MATCHLINE STA. 103+00 - SEE SHEET NO. 3

MATCHLINE STA. 109+00 - SEE SHEET NO. 7

PI 104
 HIRAM CORNETT
 LINDA CORNETT (WF.)

STANDARD HEADER CURB
 RT. STA. 103+24.12 TO STA. 103+43.99, CONST. 58 L.F.

CONSTRUCT 4" SIDEWALK
 RT. STA. 103+00 TO STA. 109+00, CONST. 271 S.Y. W/1-TYPE 3 & 1-TYPE 1 SIDEWALK RAMPS. ALL SIDEWALKS AND RAMPS SHALL BE ADA COMPLIANT.

SODDING
 RT. STA. 103+00 TO STA. 104+05, CONST. 200 S.Y.

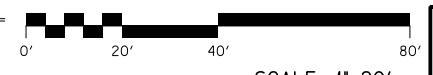
COMMERCIAL ENTRANCE
 RT. STA. 103+11 CONST. 24' ENTRANCE W/62 S.Y. CEM. CONC. ENT. PVMT. 8", 14 TONS CSB, AND 14 TONS AS, 22 TONS AB, 71 TONS CSB (201 S.Y.)

STEEL "W" BEAM GUARDRAIL
 RT. STA. 104+15.77 TO STA. 109+00, CONST. 505.00 L.F., TIE TO EXISTING

HANDRAIL - TYPE A-2
 RT. STA. 104+44 TO STA. 109+00, CONST. 453.36 L.F. ON RETAINING WALL

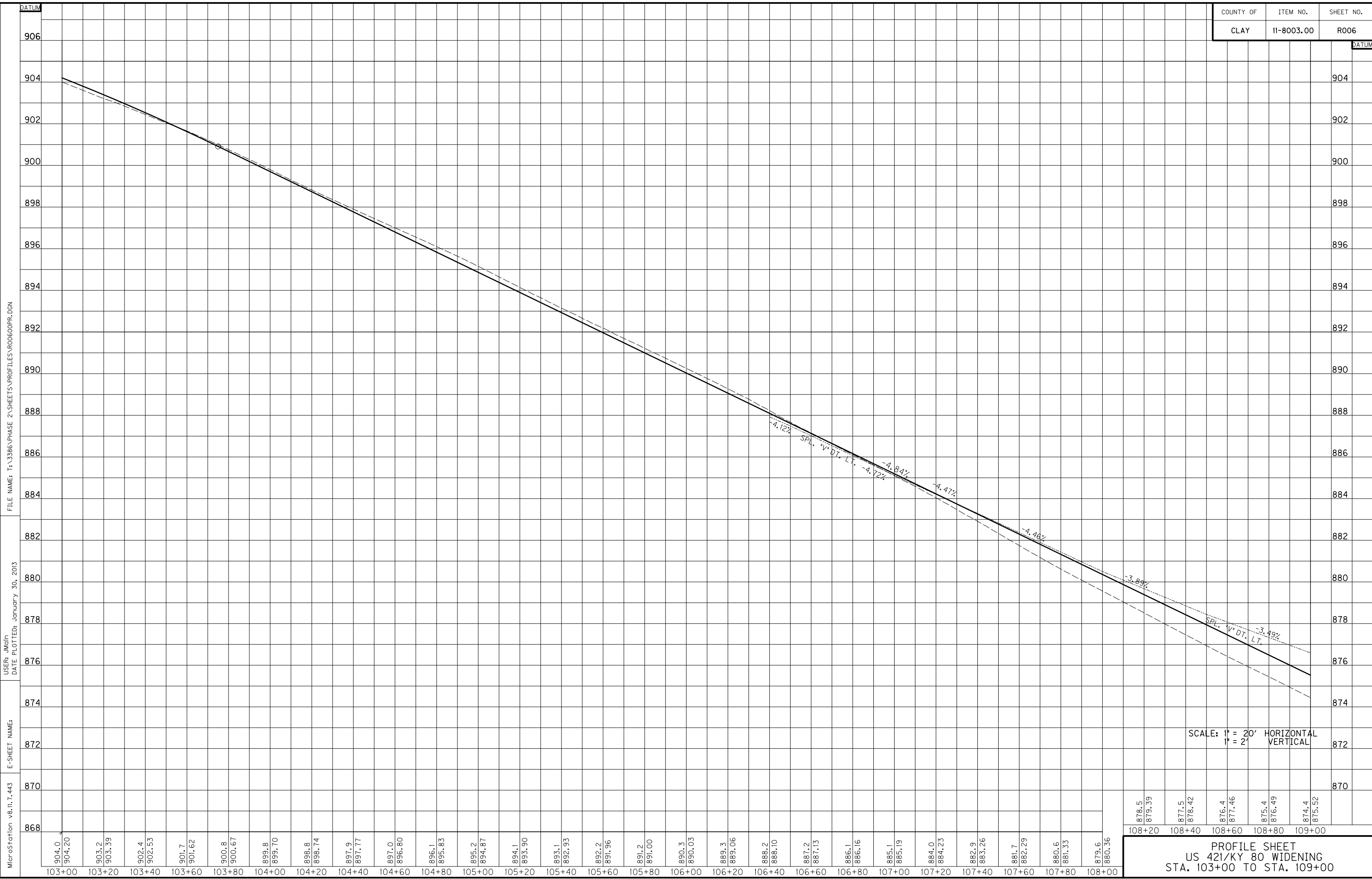
DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 103+57.15	2' F.B. OUTLET DT.	CL. II	4 TONS

PI STA. 109+93.02
 $\Delta=30^{\circ}58'41''$ RT.
 $T_s=332.97'$
 $L_s=152.00'$
 $L_c=346.14'$
 $\theta_s=5^{\circ}11'02''$
 $L.T.=101.38'$
 $S.T.=50.71'$
 $R=840.00'$
 $E_s=39.53'$
 $e=3.97'$
 Runoff=See X-Sects
 Runout=See X-Sects



SCALE: 1"=20'

PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 103+00 TO STA. 109+00



FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\RO0600PR.DGN
 USER: jmgln
 DATE PLOTTED: January 30, 2013

E-SHEET NAME:
 MicroStation v8.11.7.443

904.0	904.20	903.2	903.39	902.4	902.53	901.7	901.62	900.8	900.67	899.8	899.70	898.8	898.74	897.9	897.77	897.0	896.80	896.1	895.83	895.2	894.87	894.1	893.90	893.1	892.93	892.2	891.96	891.2	891.00	890.3	890.03	889.3	889.06	888.2	888.10	887.2	887.13	886.1	886.16	885.1	885.19	884.0	884.23	882.9	883.26	881.7	882.29	880.6	881.33	879.6	880.36
103+00	103+20	103+40	103+60	103+80	104+00	104+20	104+40	104+60	104+80	105+00	105+20	105+40	105+60	105+80	106+00	106+20	106+40	106+60	106+80	107+00	107+20	107+40	107+60	107+80	108+00																										

878.5	879.39	877.5	878.42	876.4	877.46	875.4	876.49	874.4	875.52
108+20	108+40	108+60	108+80	109+00					

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 103+00 TO STA. 109+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	RO07

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 109+00 TO 109+70	SPL. "V"	TRM I	42 TONS
LT. 109+70	2' F.B. INLET DT.	CL. II	2 TONS

STANDARD CURB AND GUTTER
 LT. STA. 109+00 TO STA. 115+00,
 CONST. 680 L.F.

STANDARD HEADER CURB
 LT. STA. 109+00 TO STA. 111+72.41,
 CONST. 42 L.F.

CONSTRUCT 4" SIDEWALK
 LT. STA. 109+00 TO STA. 115+00,
 CONST. 307 S.Y. W/2-TYPE 1
 SIDEWALK RAMPS. ALL SIDEWALKS
 AND RAMPS SHALL BE ADA
 COMPLIANT.

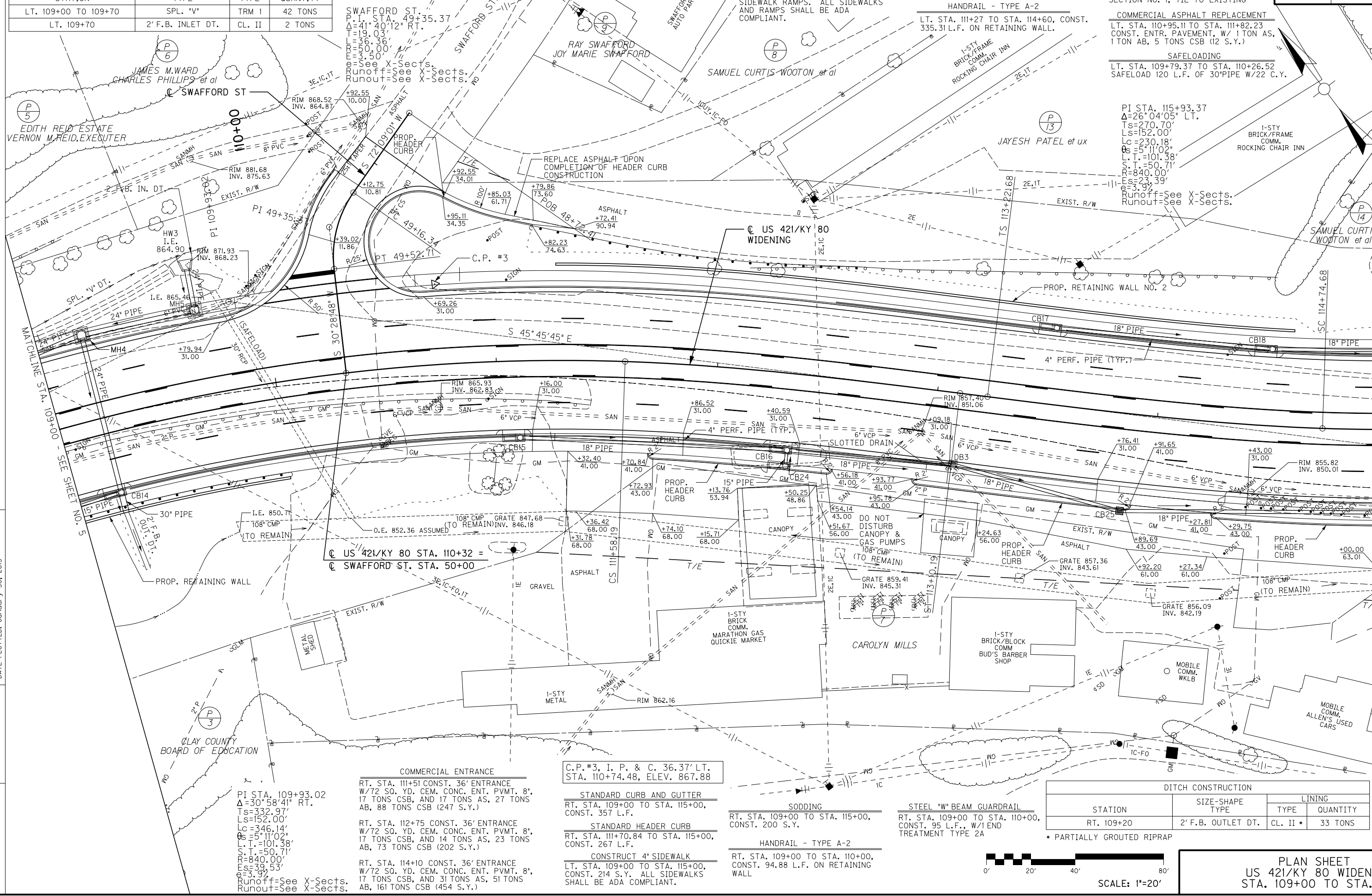
SODDING
 LT. STA. 109+00 TO STA. 115+00,
 CONST. 352 S.Y.

HANDRAIL - TYPE A-2
 LT. STA. 111+27 TO STA. 114+60, CONST.
 335.31 L.F. ON RETAINING WALL.

STEEL "W" BEAM GUARDRAIL
 LT. STA. 111+7.09 TO STA. 112+59.22,
 CONST. 150 L.F., W/ 1 TERMINAL
 SECTION NO. 1, TIE TO EXISTING

COMMERCIAL ASPHALT REPLACEMENT
 LT. STA. 110+95.11 TO STA. 111+82.23
 CONST. ENTR. PAVEMENT, W/ 1 TON AS,
 1 TON AB, 5 TONS CSB (12 S.Y.)

SAFELOADING
 LT. STA. 109+79.37 TO STA. 110+26.52
 SAFELOAD 120 L.F. OF 30" PIPE W/22 C.Y.



FILE NAME: T:\3386\PHASE 2\SHEETS\PLAN\RO07OPL.DGN
 USER: JMGin
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

MATCHLINE STA. 115+00 - SEE SHEET NO. 9

PI STA. 109+93.02
 $\Delta=30^{\circ}58'41''$ RT.
 $T_s=332.97'$
 $L_s=152.00'$
 $L_c=346.14'$
 $\Delta_s=5^{\circ}11'02''$
 $S.T.=101.38'$
 $R=840.00'$
 $E_s=39.53'$
 $e=3.92'$
 Runoff=See X-Sects.
 Runout=See X-Sects.

COMMERCIAL ENTRANCE

RT. STA. 111+51 CONST. 36' ENTRANCE
 W/72 SQ. YD. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 17 TONS AS, 27 TONS
 AB, 88 TONS CSB (247 S.Y.)

RT. STA. 112+75 CONST. 36' ENTRANCE
 W/72 SQ. YD. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 14 TONS AS, 23 TONS
 AB, 73 TONS CSB (202 S.Y.)

RT. STA. 114+10 CONST. 36' ENTRANCE
 W/72 SQ. YD. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 31 TONS AS, 51 TONS
 AB, 161 TONS CSB (454 S.Y.)

C.P.#3, I. P. & C. 36.37' LT.
 STA. 110+74.48, ELEV. 867.88

STANDARD CURB AND GUTTER
 RT. STA. 109+00 TO STA. 115+00,
 CONST. 357 L.F.

STANDARD HEADER CURB
 RT. STA. 111+70.84 TO STA. 115+00,
 CONST. 267 L.F.

CONSTRUCT 4" SIDEWALK
 LT. STA. 109+00 TO STA. 115+00,
 CONST. 214 S.Y. ALL SIDEWALKS
 SHALL BE ADA COMPLIANT.

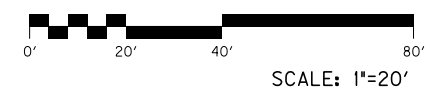
SODDING
 RT. STA. 109+00 TO STA. 115+00,
 CONST. 200 S.Y.

HANDRAIL - TYPE A-2
 RT. STA. 109+00 TO STA. 110+00,
 CONST. 94.88 L.F. ON RETAINING
 WALL

STEEL "W" BEAM GUARDRAIL
 RT. STA. 109+00 TO STA. 110+00,
 CONST. 95 L.F., W/1 END
 TREATMENT TYPE 2A

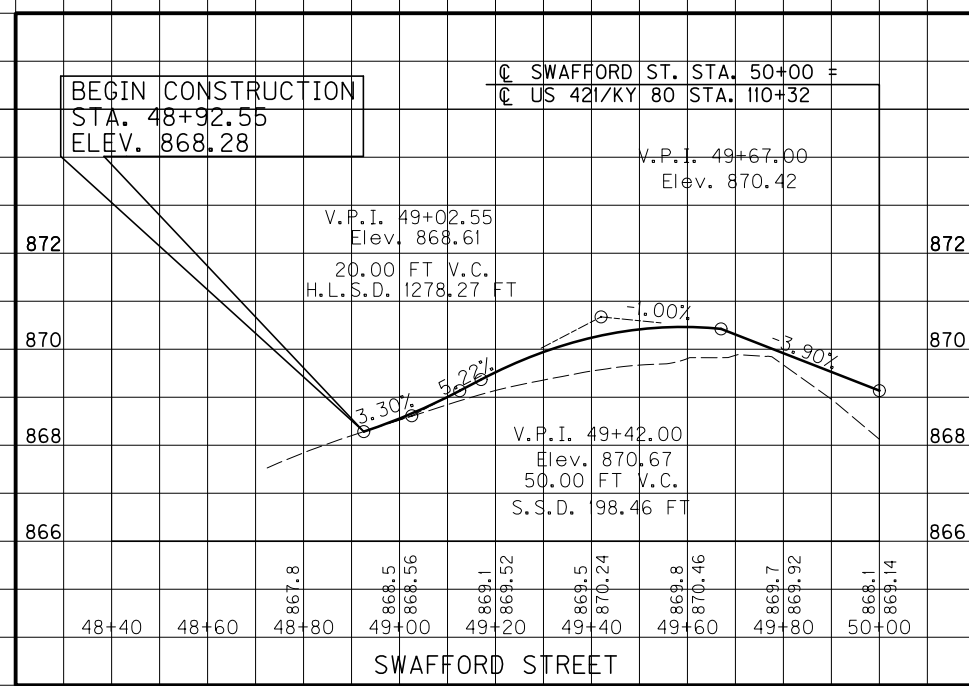
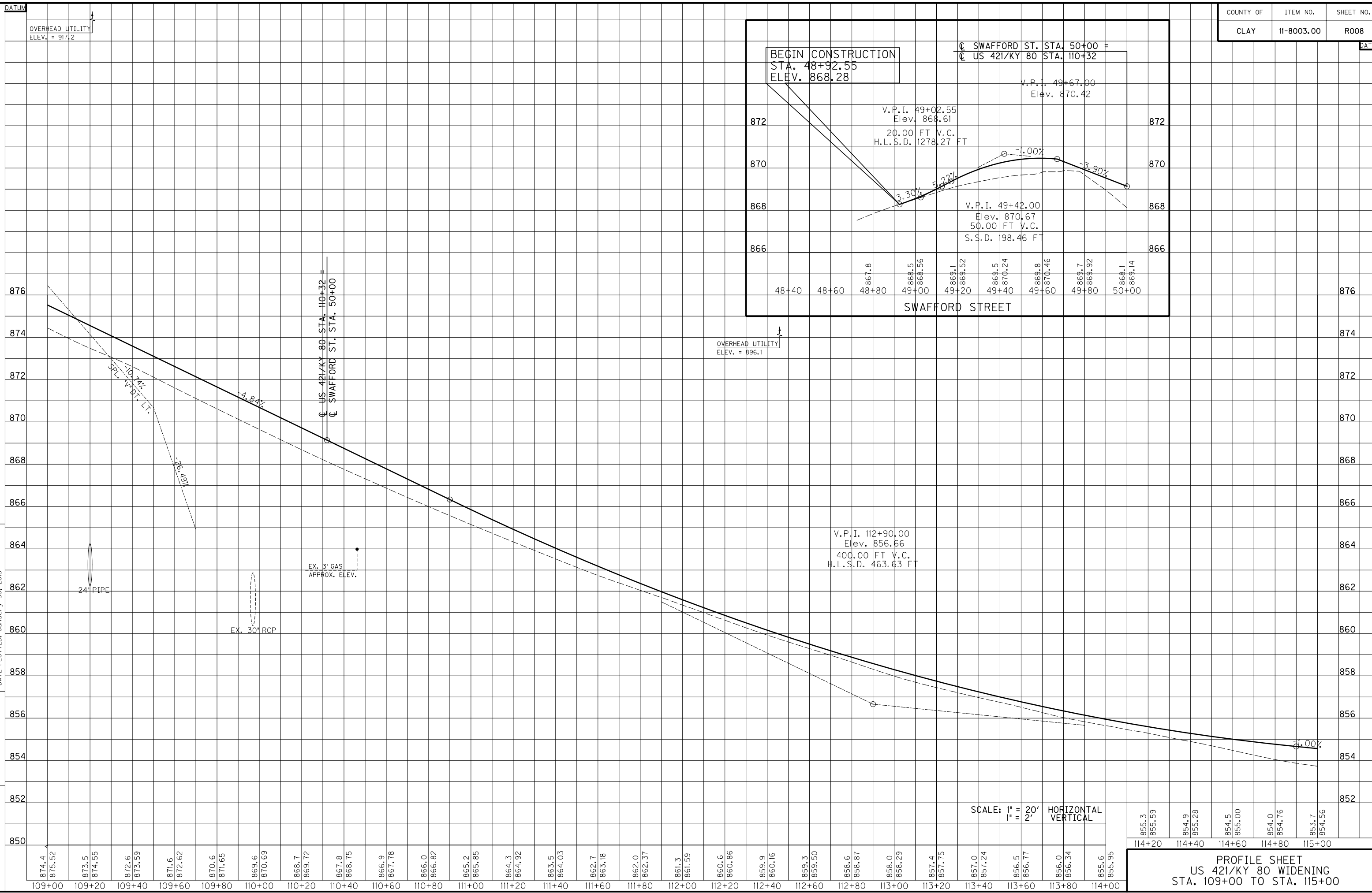
DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
RT. 109+20	2' F.B. OUTLET DT.	CL. II *	33 TONS

* PARTIALLY GROUTED RIPRAP



PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 109+00 TO STA. 115+00

MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: jmgln
 DATE PLOTTED: January 30, 2013
 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\PRO0800PR.DGN



855.3	855.59	854.9	855.28	854.5	855.00	854.0	854.76	853.7	854.56
114+20	114+40	114+60	114+80	115+00					

PROFILE SHEET
 US 421/KY 80 WIDENING
 STA. 109+00 TO STA. 115+00

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

DATUM
OVERHEAD UTILITY
ELEV. = 917.2

OVERHEAD UTILITY
ELEV. = 896.1

DATUM

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	QUANTITY	
		TYPE	QUANTITY
LT. 118+30.87	2' F.B. OUTLET DT.	TRM 3	20 S.Y.
LT. 119+80.84	2' F.B. OUTLET DT.	TRM 3	20 S.Y.

WITNESS POST			
LT. STA. 115+00 TO STA. 121+00,	CONST. 4		

CURB TO BARRIER WALL TRANSITIONS			
LT. STA. 117+77.43, CONST. 1	LT. STA. 119+51.51, CONST. 1		

RAISED ISLAND			
LT. STA. 116+55.28 TO STA. 116+95.92,	CONST. 51 S.Y. ISLAND W/106 L.F. STANDARD CURB AND GUTTER, 12" DGA (36 TONS), 2" AS (6 TONS)		

COMMERCIAL ENTRANCE			
LT. STA. 119+89 CONST. 36' ENTRANCE	W/72 SQ. YD. CEM. CONC. ENT. PVMT. 8", 17 TONS CSB, AND 29 TONS AS, 47 TONS AB, 149 TONS CSB (422 S.Y.)		

STANDARD CURB AND GUTTER			
LT. STA. 115+00 TO STA. 121+00,	CONST. 304 L.F.		

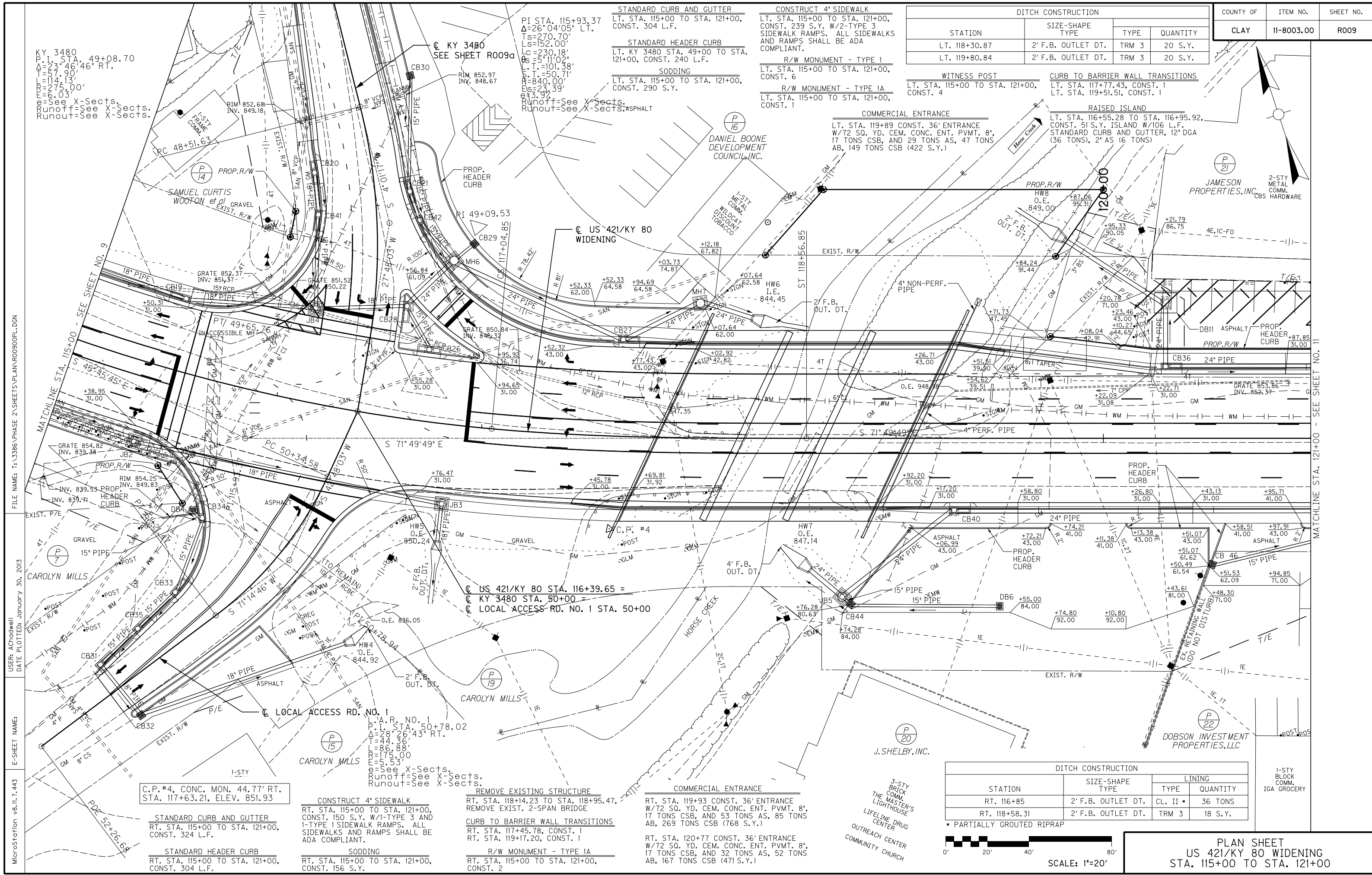
STANDARD HEADER CURB			
LT. KY 3480 STA. 49+00 TO STA. 121+00,	CONST. 240 L.F.		

SODDING			
LT. STA. 115+00 TO STA. 121+00,	CONST. 290 S.Y.		

CONSTRUCT 4' SIDEWALK			
LT. STA. 115+00 TO STA. 121+00,	CONST. 239 S.Y. W/2-TYPE 3 SIDEWALK RAMPS. ALL SIDEWALKS AND RAMPS SHALL BE ADA COMPLIANT.		

R/W MONUMENT - TYPE I			
LT. STA. 115+00 TO STA. 121+00,	CONST. 6		

R/W MONUMENT - TYPE 1A			
LT. STA. 115+00 TO STA. 121+00,	CONST. 1		



KY 3480
 P.I. STA. 49+08.70
 $\Delta=23^{\circ}46'46''$ RT.
 $T=57.90'$
 $L=114.13'$
 $E=275.00'$
 $R=114.13'$
 $E=5.03'$
 See X-Sects.
 Runoff=See X-Sects.
 Runout=See X-Sects.

FILE NAME: T:\3386 PHASE 2\SHEETS\PLAN\RO0900PL.DGN
 USER: AChocwell
 DATE PLOTTED: January 30, 2013

E-SHEET NAME:
 MicroStation v8.11.7.443

MicroStation v8.11.7.443

C.P. #4, CONC. MON. 44.77' RT.
 STA. 117+63.21, ELEV. 851.93

STANDARD CURB AND GUTTER
 RT. STA. 115+00 TO STA. 121+00,
 CONST. 324 L.F.

STANDARD HEADER CURB
 RT. STA. 115+00 TO STA. 121+00,
 CONST. 304 L.F.

CONSTRUCT 4' SIDEWALK
 RT. STA. 115+00 TO STA. 121+00,
 CONST. 150 S.Y. W/1-TYPE 3 AND
 1-TYPE 1 SIDEWALK RAMPS. ALL
 SIDEWALKS AND RAMPS SHALL BE
 ADA COMPLIANT.

SODDING
 RT. STA. 115+00 TO STA. 121+00,
 CONST. 156 S.Y.

REMOVE EXISTING STRUCTURE
 RT. STA. 118+14.23 TO STA. 118+95.47,
 REMOVE EXIST. 2-SPAN BRIDGE

CURB TO BARRIER WALL TRANSITIONS
 RT. STA. 117+45.78, CONST. 1
 RT. STA. 119+17.20, CONST. 1

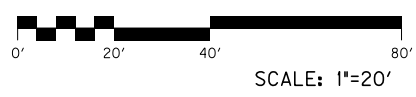
R/W MONUMENT - TYPE 1A
 RT. STA. 115+00 TO STA. 121+00,
 CONST. 2

COMMERCIAL ENTRANCE
 RT. STA. 119+93 CONST. 36' ENTRANCE
 W/72 SQ. YD. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 53 TONS AS, 85 TONS
 AB, 269 TONS CSB (768 S.Y.)

COMMERCIAL ENTRANCE
 RT. STA. 120+77 CONST. 36' ENTRANCE
 W/72 SQ. YD. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 32 TONS AS, 52 TONS
 AB, 167 TONS CSB (471 S.Y.)

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	QUANTITY	
		TYPE	QUANTITY
RT. 116+85	2' F.B. OUTLET DT.	CL. II *	36 TONS
RT. 118+58.31	2' F.B. OUTLET DT.	TRM 3	18 S.Y.

* PARTIALLY GROUTED RIPRAP



PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 115+00 TO STA. 121+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R009a

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 50+88.94	OUTLET	TRM 1	31 S.Y.

STANDARD CURB AND GUTTER
 LT. STA. 47+92.59 TO STA. 49+00, CONST. 43 L.F.
 LT. STA. 51+00 TO STA. 51+81.26, CONST. 87 L.F.

STANDARD HEADER CURB
 LT. STA. 47+84.17 TO STA. 49+00, CONST. 102 L.F.
 LT. STA. 51+08.47 TO STA. 51+81.26, CONST. 98 L.F.

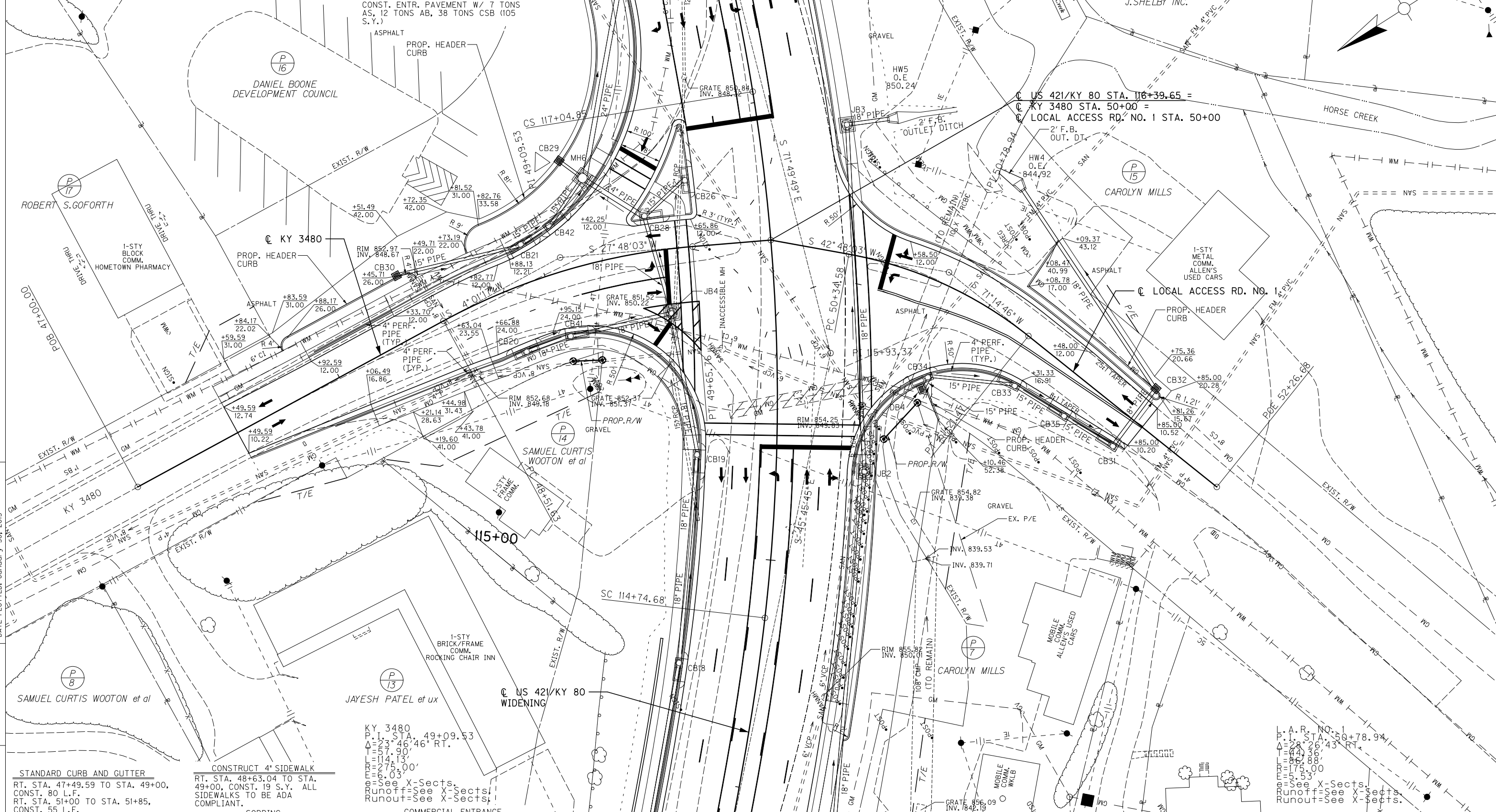
CONSTRUCT 4" SIDEWALK
 LT. STA. 47+92.59 TO STA. 49+00, CONST. 31 S.Y. ALL SIDEWALKS TO BE ADA COMPLIANT.

SODDING
 LT. STA. 47+49.59 TO STA. 49+00, CONST. 71 S.Y.
 LT. STA. 51+00 TO STA. 51+81.26, CONST. 28 L.F.

COMMERCIAL ENTRANCE
 LT. STA. 47+72 CONST. 24' ENTRANCE W/48 SQ. YD. CEM. CONC. ENT. PVMT. 8", 11 TONS CSB, AND 5 TONS AS, 8 TONS AB, 27 TONS CSB (73 S.Y.)

LT. STA. 48+62 CONST. 24' ENTRANCE W/62 SQ. YD. CEM. CONC. ENT. PVMT. 8", 14 TONS CSB, AND 9 TONS AS, 15 TONS AB, 51 TONS CSB (134 S.Y.)

LT. STA. 51+08.47 TO STA. 51+85 CONST. ENTR. PAVEMENT W/ 7 TONS AS, 12 TONS AB, 38 TONS CSB (105 S.Y.)



FILE NAME: T:\3386 PHASE 2\3386.PLAN\09A0PL.DGN
 USER: JMGin
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

STANDARD CURB AND GUTTER
 RT. STA. 47+49.59 TO STA. 49+00, CONST. 80 L.F.
 RT. STA. 51+00 TO STA. 51+85, CONST. 55 L.F.

STANDARD HEADER CURB
 RT. STA. 47+49.59 TO STA. 49+00, CONST. 9 L.F.

CONSTRUCT 4" SIDEWALK
 RT. STA. 48+63.04 TO STA. 49+00, CONST. 19 S.Y. ALL SIDEWALKS TO BE ADA COMPLIANT.

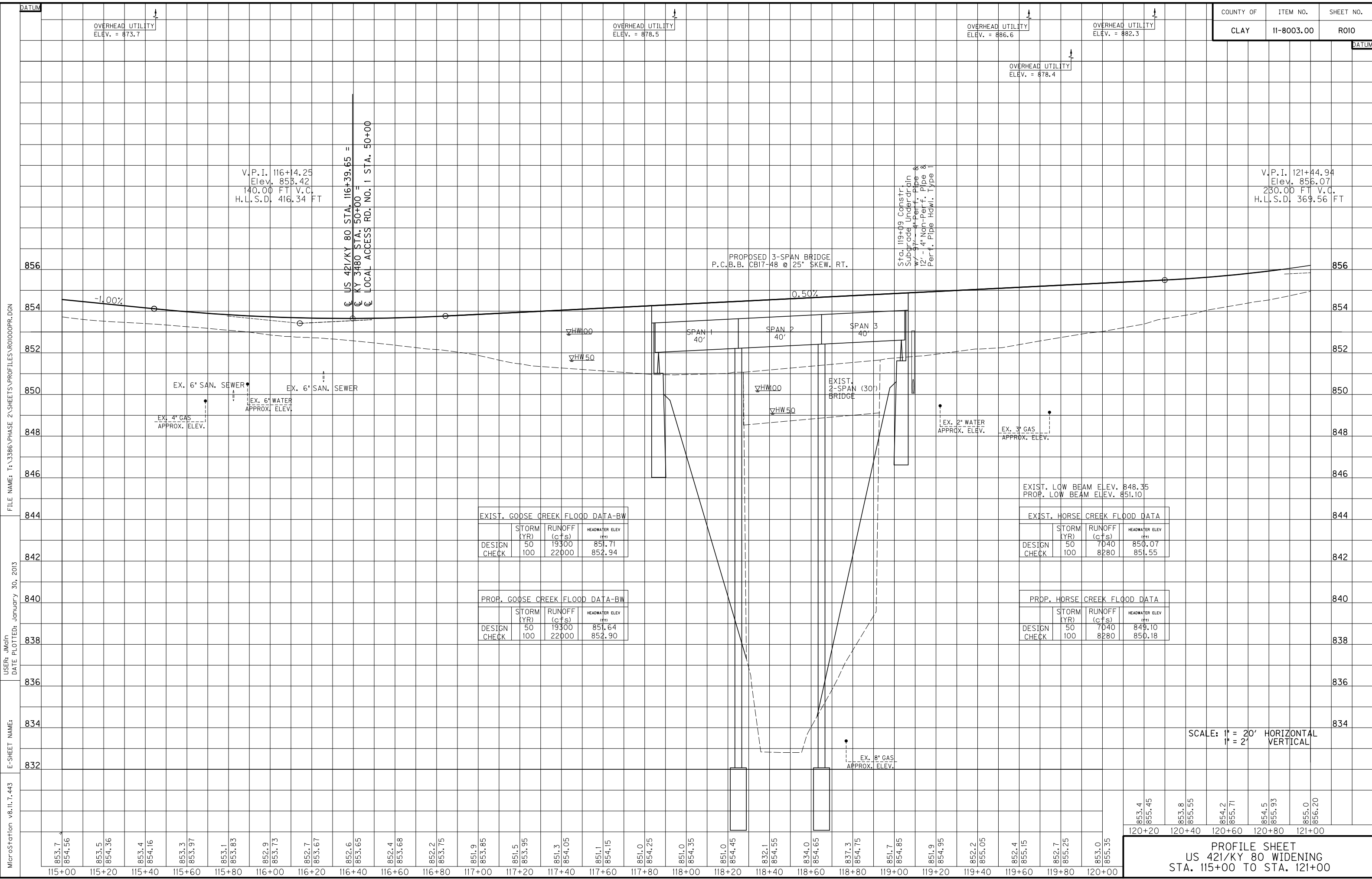
SODDING
 RT. STA. 47+49.59 TO STA. 49+00, CONST. 33 S.Y.
 RT. STA. 49+00 TO STA. 51+85, CONST. 25 L.F.

COMMERCIAL ENTRANCE
 RT. STA. 48+34 CONST. 24' ENTRANCE W/62 SQ. YD. CEM. CONC. ENT. PVMT. 8", 14 TONS CSB, AND 2 TONS AS, 3 TONS AB, 11 TONS CSB (29 S.Y.)

L.A.R. NO. 1
 P.I. STA. 50+78.94
 $\Delta = 28' 26" 43" RT.$
 $L = 44.36'$
 $T = 86.88'$
 $E = 175.00'$
 $E = 5.53'$
 See X-Sects.
 Runoff=See X-Sects.
 Runout=See X-Sects.



PLAN SHEET
 KY 3480 AND LOC. ACC. RD. NO. 1
 STA. 47+49.59 TO STA. 51+85



V.P.I. 116+14.25
Elev. 853.42
140.00 FT V.C.
H.L.S.D. 416.34 FT

V.P.I. 121+44.94
Elev. 856.07
230.00 FT V.C.
H.L.S.D. 369.56 FT

PROPOSED 3-SPAN BRIDGE
P.C.B.B. CB17-48 @ 25° SKEW. RT.

Sta. 119+09 Constr
Subgrade Underdrain
w/ 3" - 4" Perfor. Pipe &
12" - 14" Non-Perfor. Pipe &
Perfor. Pipe Hdwl. Type I

EXIST. GOOSE CREEK FLOOD DATA-BW			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	50	19300	851.71
CHECK	100	22000	852.94

PROP. GOOSE CREEK FLOOD DATA-BW			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	50	19300	851.64
CHECK	100	22000	852.90

EXIST. LOW BEAM ELEV. 848.35
PROP. LOW BEAM ELEV. 851.10

EXIST. HORSE CREEK FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	50	7040	850.07
CHECK	100	8280	851.55

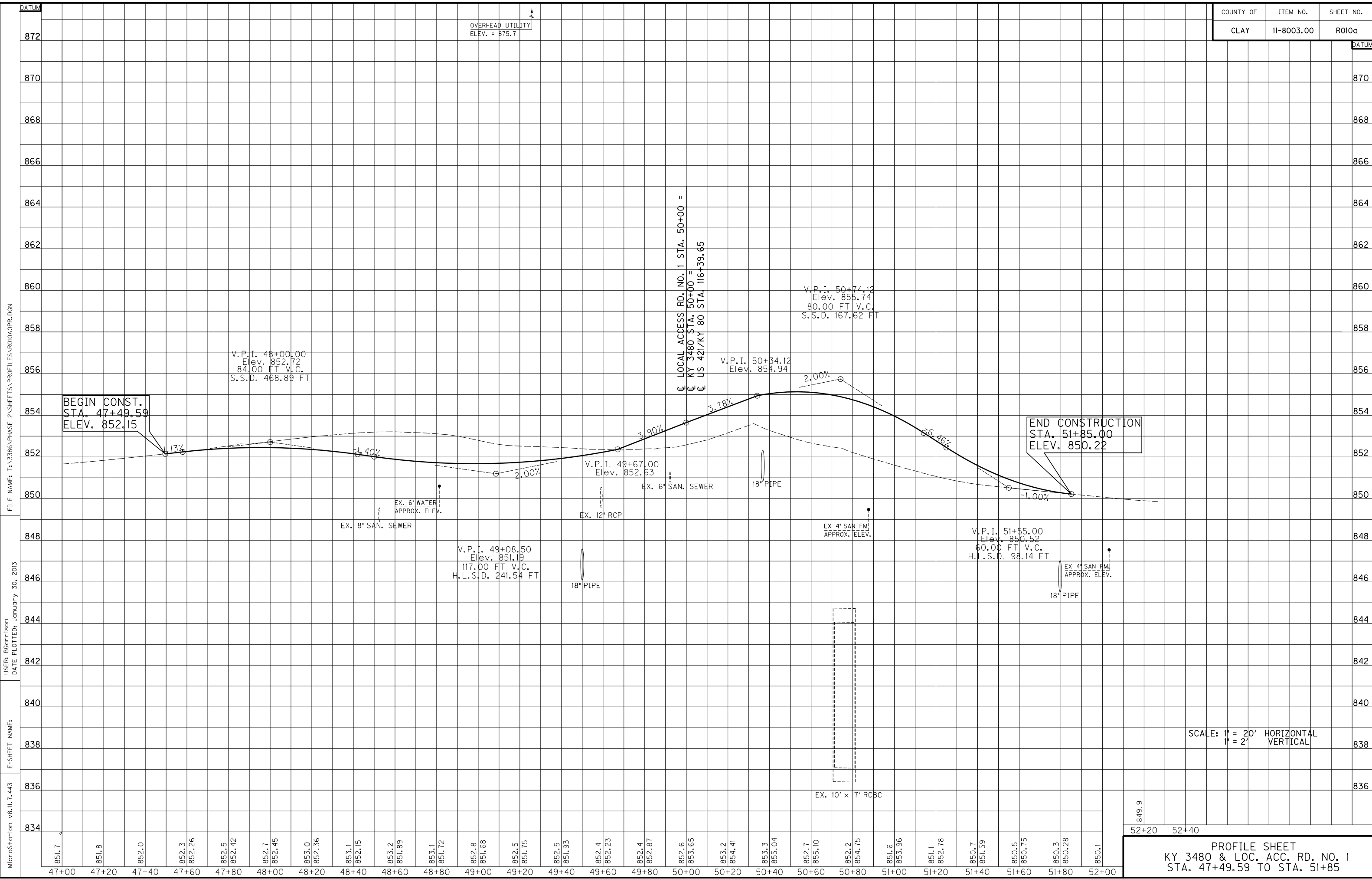
PROP. HORSE CREEK FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	50	7040	849.10
CHECK	100	8280	850.18

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

853.4	855.45	853.8	855.55	854.2	855.71	854.5	855.93	855.0	856.20
120+20	120+40	120+60	120+80	121+00					

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 115+00 TO STA. 121+00

MicroStation v8.11.7.443
 E-SHEET NAME:
 DATE PLOTTED: January 30, 2013
 USER: jmain
 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\PRO000PR.DGN



FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\PROJ010A.DGN
 USER: BCartlison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

849.9
 52+20 52+40
PROFILE SHEET
KY 3480 & LOC. ACC. RD. NO. 1
STA. 47+49.59 TO STA. 51+85

STANDARD CURB AND GUTTER
 LT. STA. 121+00 TO STA. 127+00,
 CONST. 678 L.F.

STANDARD HEADER CURB
 LT. STA. 121+00 TO STA. 121+43.27,
 CONST. 45 L.F.

SODDING
 LT. STA. 121+00 TO STA. 127+00,
 CONST. 264 S.Y.

R/W MONUMENT - TYPE 1
 LT. STA. 121+00 TO STA. 127+00,
 CONST. 10

CONSTRUCT 4" SIDEWALK
 LT. STA. 121+00 TO STA. 127+00,
 CONST. 238 S.Y. W/2-TYPE 1
 SIDEWALK RAMPS. ALL SIDEWALKS
 AND RAMPS SHALL BE ADA
 COMPLIANT. RAILROAD CROSSING
 WITHIN PEDESTRIAN PATH SHALL
 HAVE A MAXIMUM FLANGEWAY GAP
 OF 2 1/2".

RESIDENTIAL ENTRANCE
 LT. STA. 122+25 CONST. 12' ENTRANCE
 W/ 7 TONS AS, 12 TONS AB, 26 TONS
 CSB (107 S.Y.)

L.A.R. NO. 2 RT. STA. 48+04 CONST. 12'
 ENTRANCE W/ 9 TONS AS, 15 TONS AB,
 48 TONS CSB (133 S.Y.)

RAILROAD CROSSING COORDINATION
 RT. STA. 124+82.17 TO LT. STA.
 126+69.97, CONST. 1

COMMERCIAL ENTRANCE
 LT. STA. 121+16 CONST. 24' ENTRANCE
 W/ 12 TONS AS, 20 TONS AB, 64 TONS
 CSB (178 S.Y.)

L.A.R. NO. 2 RT. STA. 48+00 CONST.
 ENTR. PAVEMENT W/ 1 TON AS, 2
 TONS AB, 5 TONS CSB (13 S.Y.)

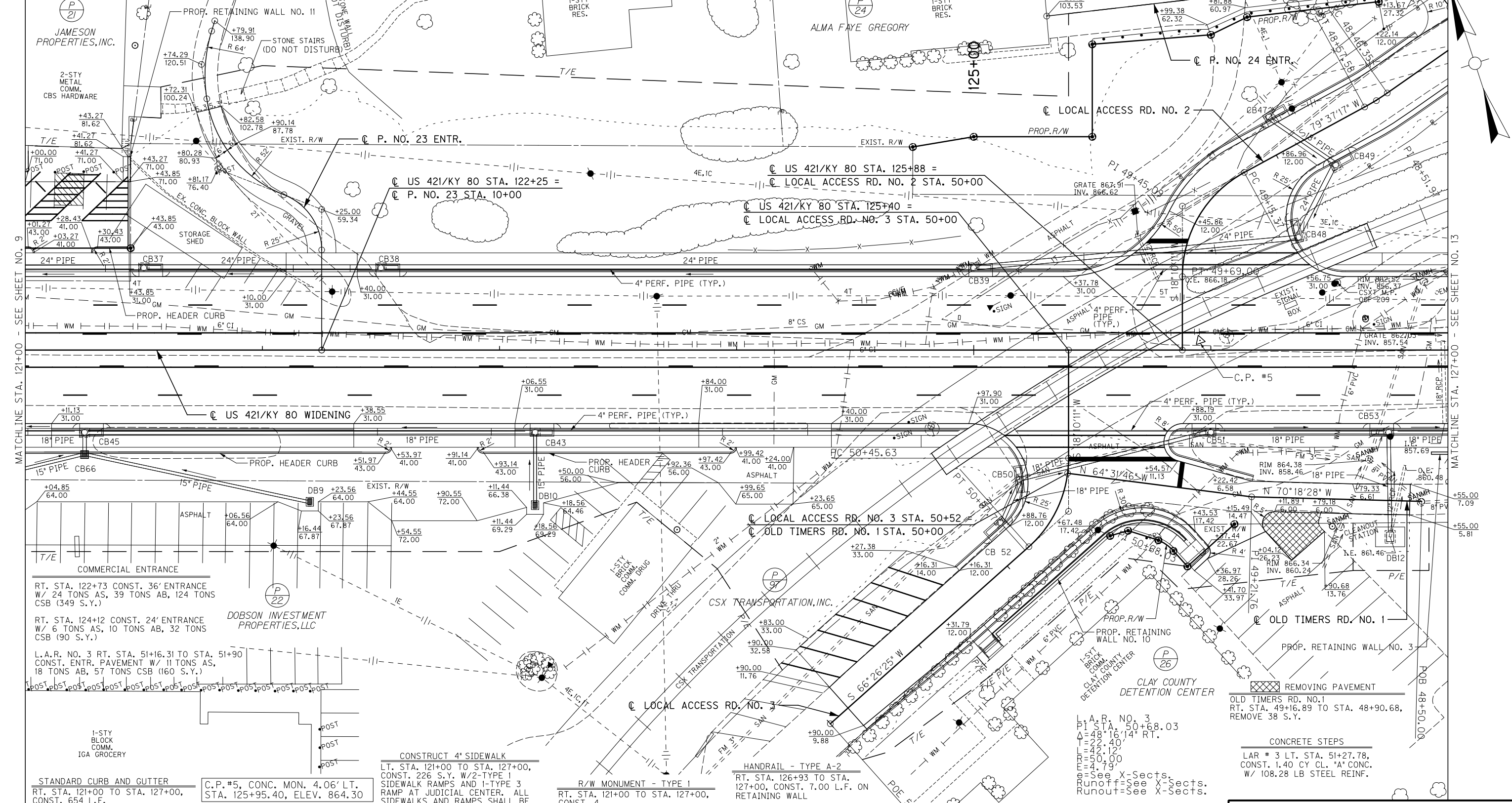
COMMERCIAL ASPHALT REPLACEMENT
 L.A.R. NO. 2 RT. STA. 48+00 CONST.
 ENTR. PAVEMENT W/ 1 TON AS, 2
 TONS AB, 5 TONS CSB (13 S.Y.)

STEEL "W" BEAM GUARDRAIL
 L.A.R. NO. 2 RT. STA. TO 48+23.54 STA. 49+26.22,
 CONST. 125 L.F., W/2 TERMINAL SECTION NO. 1

HANDRAIL - TYPE A-2
 NO. 24 ENTR. RT. STA. 10+46.81 TO
 STA. 10+98.27, CONST. 51.46 L.F.
 ON RETAINING WALL

HANDRAIL - TYPE A-1
 NO. 24 ENTR. RT. STA. 10+23.66 TO
 STA. 10+46.81, CONST. 30.10 L.F.
 ON RETAINING WALL

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	ROLL



COMMERCIAL ENTRANCE
 RT. STA. 122+73 CONST. 36' ENTRANCE
 W/ 24 TONS AS, 39 TONS AB, 124 TONS
 CSB (349 S.Y.)

RT. STA. 124+12 CONST. 24' ENTRANCE
 W/ 6 TONS AS, 10 TONS AB, 32 TONS
 CSB (90 S.Y.)

L.A.R. NO. 3 RT. STA. 51+16.31 TO STA. 51+90
 CONST. ENTR. PAVEMENT W/ 11 TONS AS,
 18 TONS AB, 57 TONS CSB (160 S.Y.)

DOBSON INVESTMENT PROPERTIES, LLC

CONSTRUCT 4" SIDEWALK
 LT. STA. 121+00 TO STA. 127+00,
 CONST. 226 S.Y. W/2-TYPE 1
 SIDEWALK RAMPS AND 1-TYPE 3
 RAMP AT JUDICIAL CENTER. ALL
 SIDEWALKS AND RAMPS SHALL BE
 ADA COMPLIANT. RAILROAD
 CROSSING WITHIN PEDESTRIAN PATH
 SHALL HAVE A MAXIMUM FLANGEWAY
 GAP OF 2 1/2".

R/W MONUMENT - TYPE 1
 RT. STA. 121+00 TO STA. 127+00,
 CONST. 4

R/W MONUMENT - TYPE 1A
 RT. STA. 121+00 TO STA. 127+00,
 CONST. 2

HANDRAIL - TYPE A-2
 RT. STA. 126+93 TO STA.
 127+00, CONST. 7.00 L.F. ON
 RETAINING WALL

HANDRAIL - TYPE A-1
 LAR NO. 3 LT. STA. 50+60.73 TO
 STA. 51+23.78, CONST. 97.95 L.F. ON
 RETAINING WALL

L.A.R. NO. 3
 RT. STA. 49+16.89 TO STA. 48+90.68,
 REMOVE 38 S.Y.

CONCRETE STEPS
 LAR # 3 LT. STA. 51+27.78,
 CONST. 1.40 CY CL. 'A' CONC.
 W/ 108.28 LB STEEL REINF.

STANDARD CURB AND GUTTER
 RT. STA. 121+00 TO STA. 127+00,
 CONST. 654 L.F.

STANDARD HEADER CURB
 RT. STA. 121+00 TO STA. 124+99.42,
 CONST. 266 L.F.

C.P. #5, CONC. MON. 4.06' LT.
 STA. 125+95.40, ELEV. 864.30

SODDING
 RT. STA. 121+00 TO STA. 127+00,
 CONST. 257 S.Y.

CONSTRUCT 4" SIDEWALK
 LT. STA. 121+00 TO STA. 127+00,
 CONST. 226 S.Y. W/2-TYPE 1
 SIDEWALK RAMPS AND 1-TYPE 3
 RAMP AT JUDICIAL CENTER. ALL
 SIDEWALKS AND RAMPS SHALL BE
 ADA COMPLIANT. RAILROAD
 CROSSING WITHIN PEDESTRIAN PATH
 SHALL HAVE A MAXIMUM FLANGEWAY
 GAP OF 2 1/2".

R/W MONUMENT - TYPE 1
 RT. STA. 121+00 TO STA. 127+00,
 CONST. 4

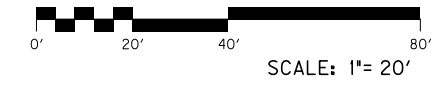
R/W MONUMENT - TYPE 1A
 RT. STA. 121+00 TO STA. 127+00,
 CONST. 2

HANDRAIL - TYPE A-2
 RT. STA. 126+93 TO STA.
 127+00, CONST. 7.00 L.F. ON
 RETAINING WALL

HANDRAIL - TYPE A-1
 LAR NO. 3 LT. STA. 50+60.73 TO
 STA. 51+23.78, CONST. 97.95 L.F. ON
 RETAINING WALL

L.A.R. NO. 3
 RT. STA. 49+16.89 TO STA. 48+90.68,
 REMOVE 38 S.Y.

CONCRETE STEPS
 LAR # 3 LT. STA. 51+27.78,
 CONST. 1.40 CY CL. 'A' CONC.
 W/ 108.28 LB STEEL REINF.

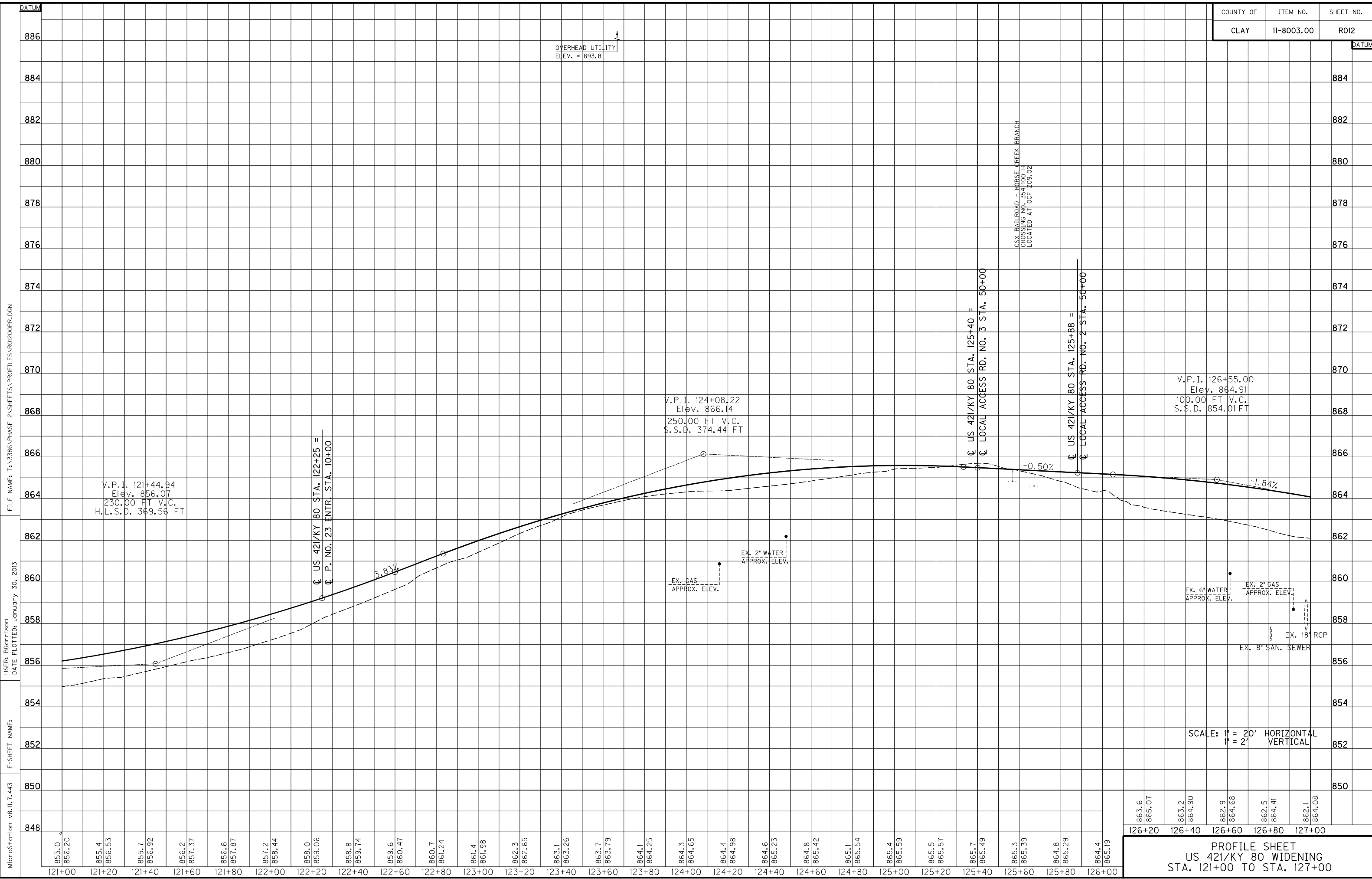


PLAN SHEET
US 421/KY 80 WIDENING
STA. 121+00 TO STA. 127+00

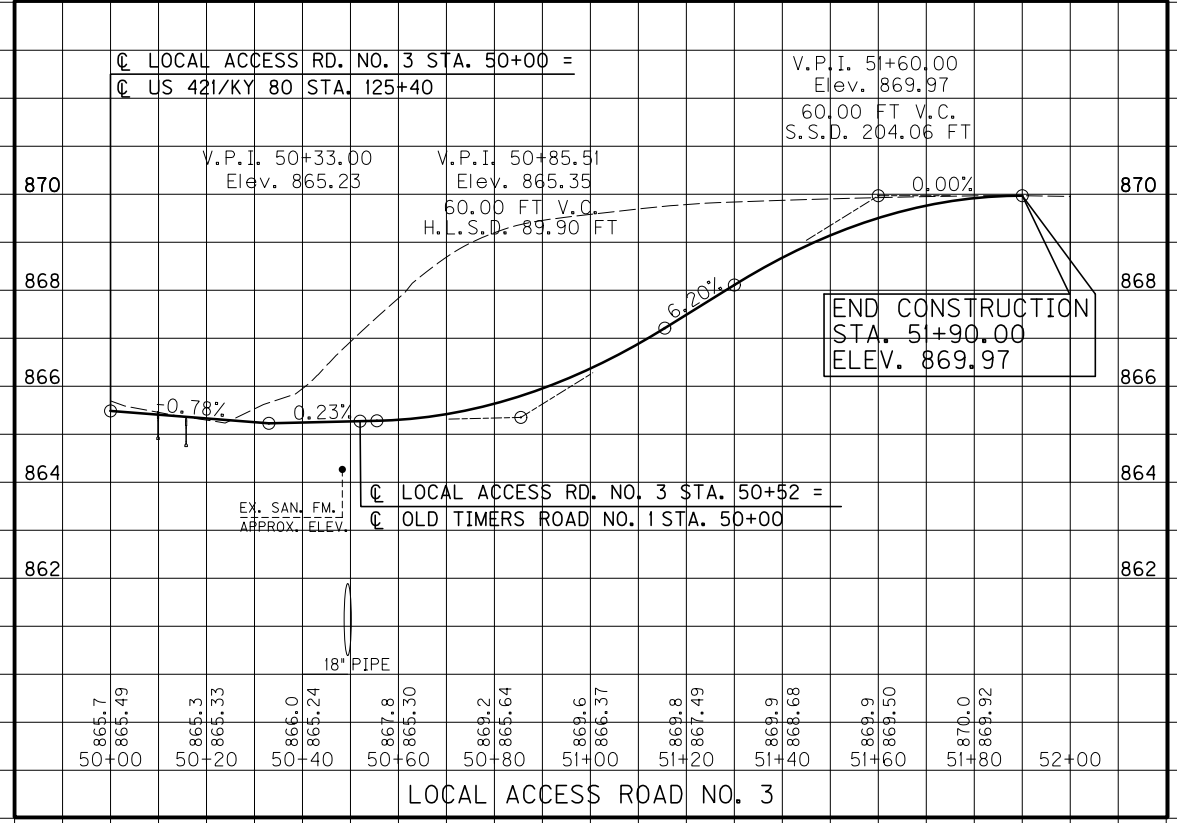
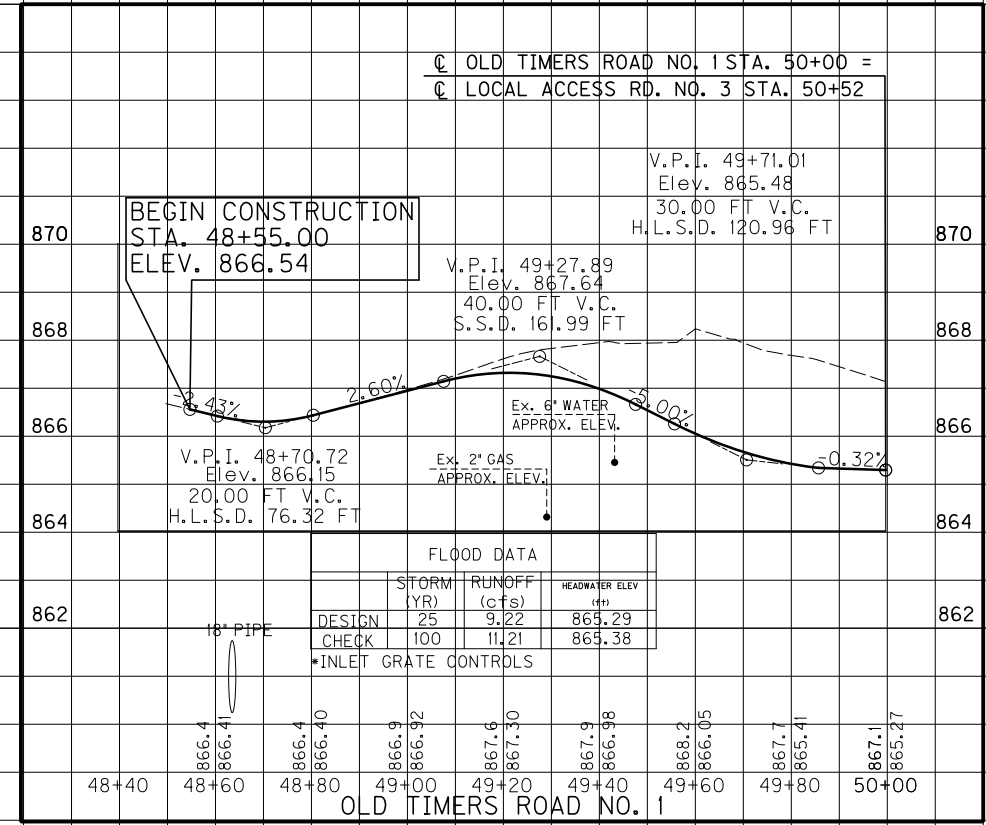
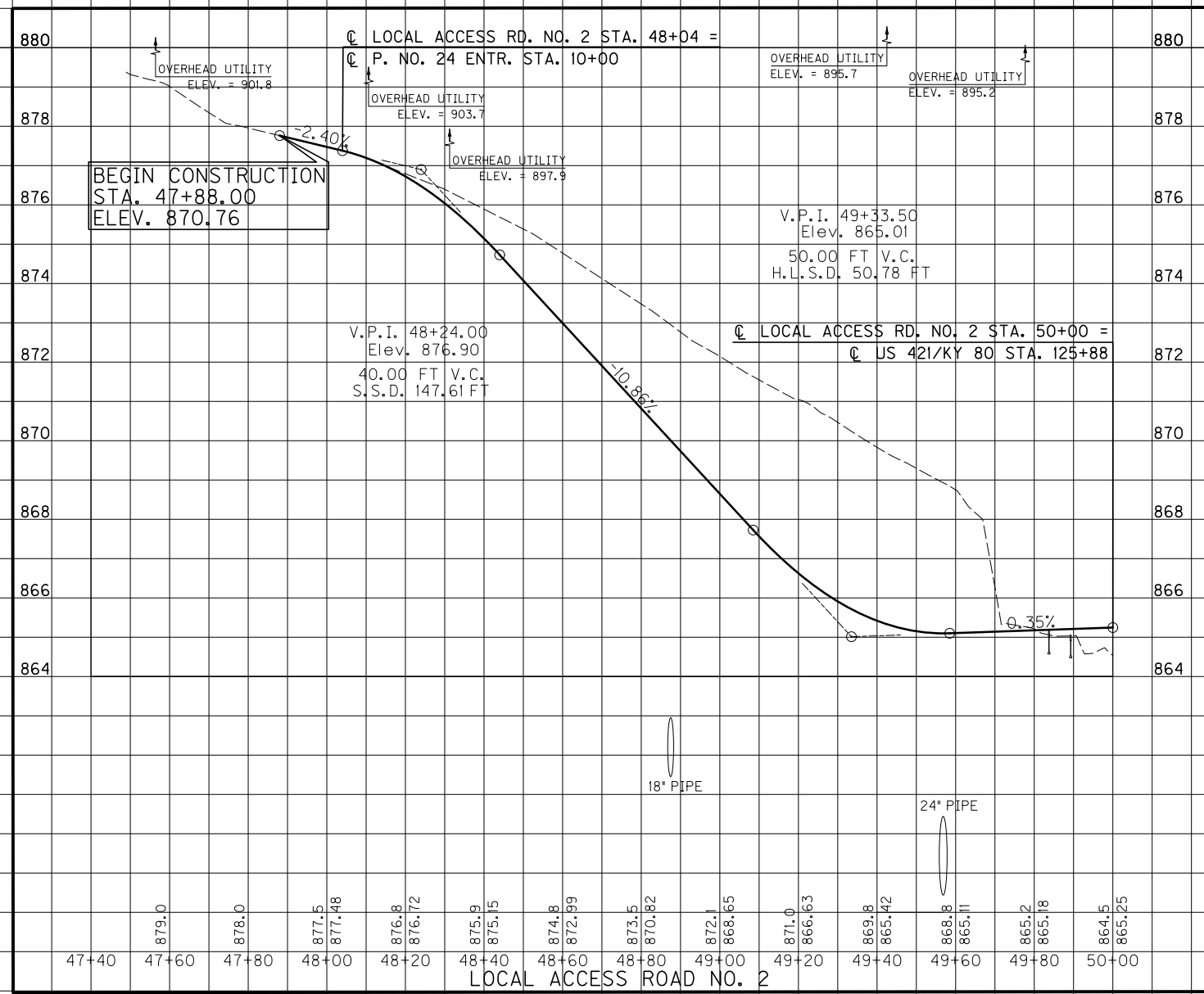
FILE NAME: T:\3386 PHASE 2\3386\PLANS\10100PL.DGN
 USER: Bcortison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

MATCHLINE STA. 121+00 - SEE SHEET NO. 9

MATCHLINE STA. 127+00 - SEE SHEET NO. 13



MicroStation v8.11.7.443
 E-SHEET NAME:
 DATE PLOTTED: January 30, 2013
 USER: Bcarrison
 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\RO2AOPR.DGN



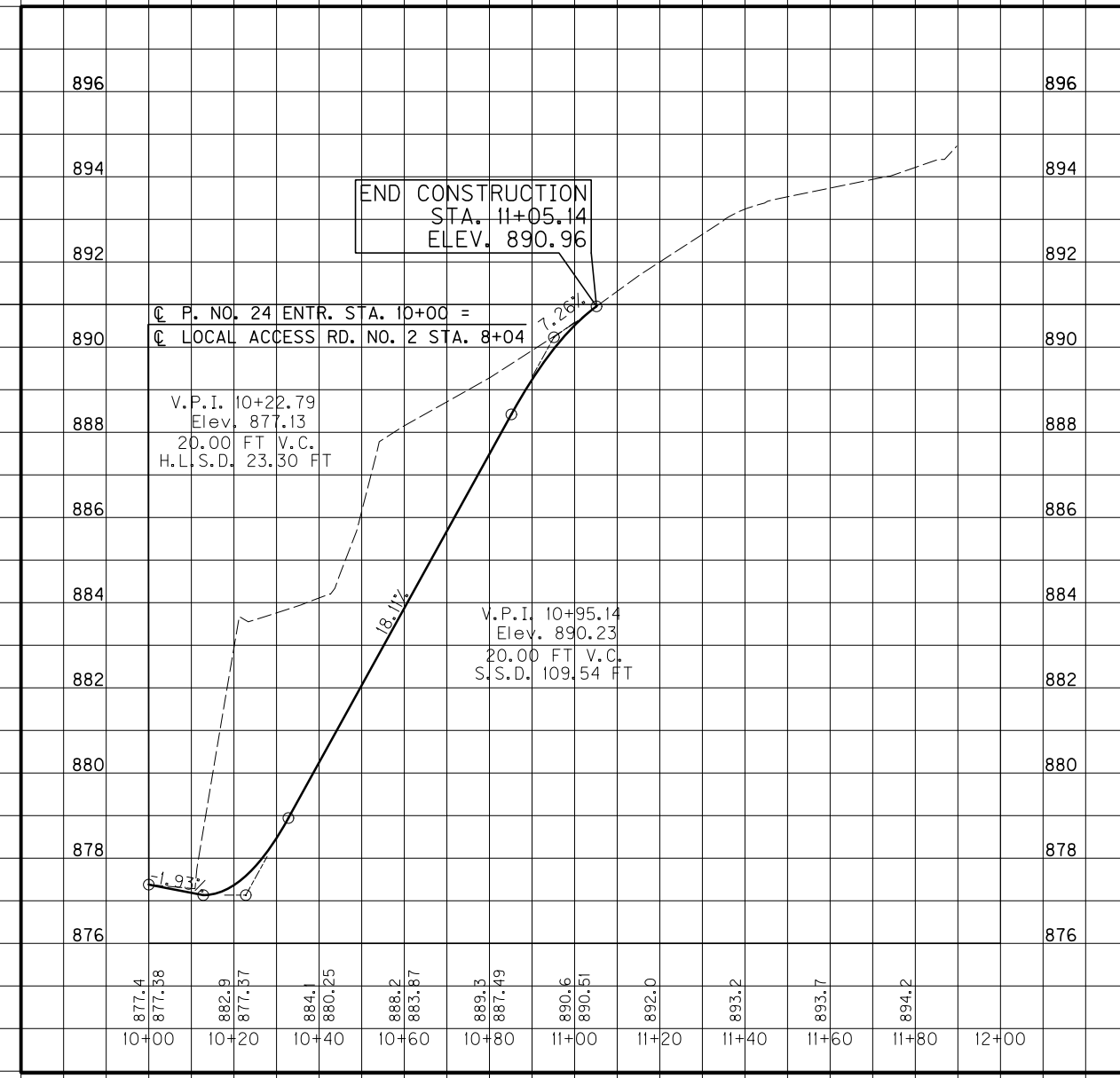
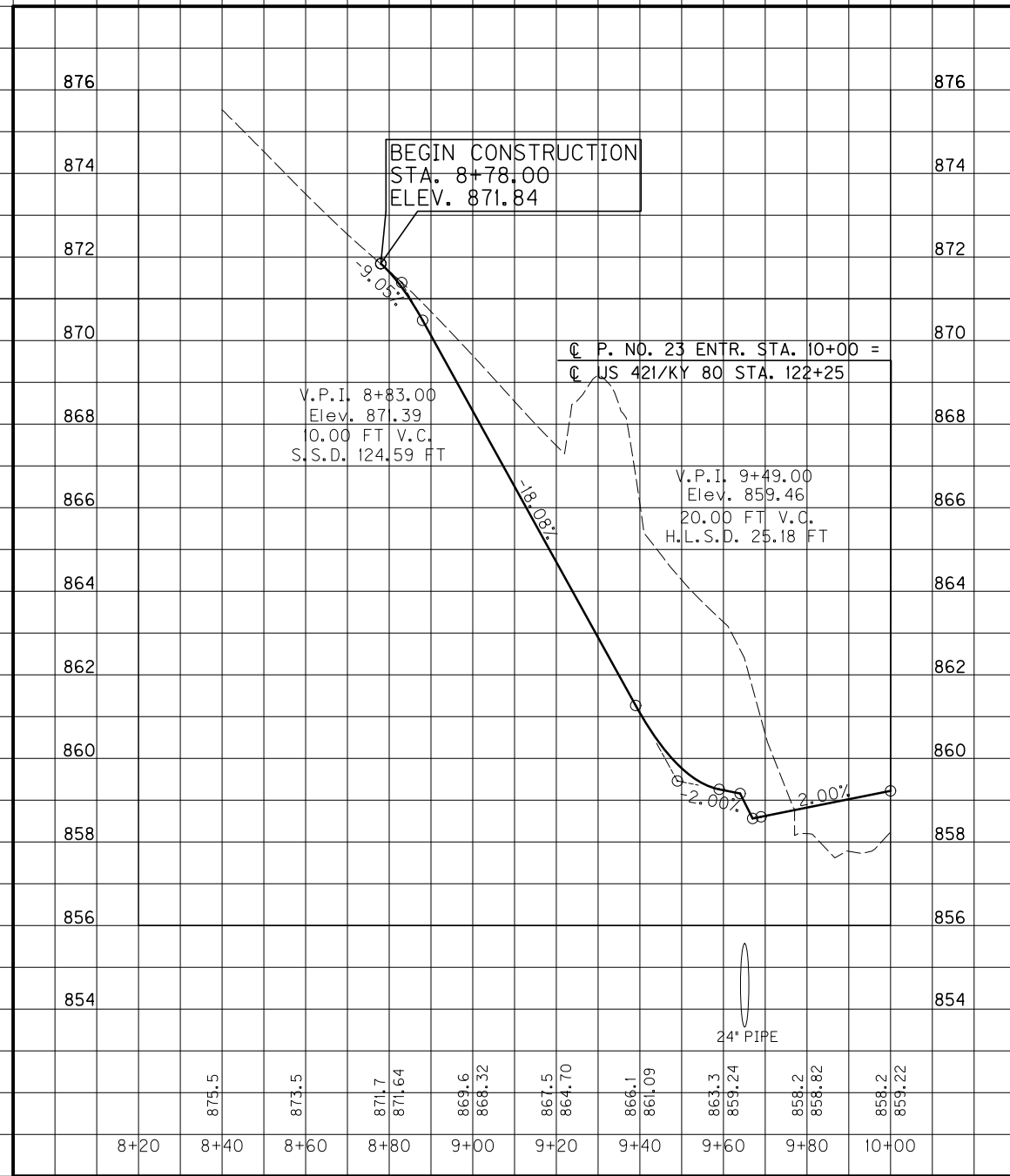
FLOOD DATA

DESIGN	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (FT)
CHECK	100	11,211	863.29
			863.38

*INLET GRATE CONTROLS

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

MicroStation v8.11.7.443
 E-SHEET NAME:
 DATE PLOTTED: January 30, 2013
 USER: Bcarrlison
 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R012BOPR.DGN



SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R013

COMMERCIAL ENTRANCE
 LT. STA. 130+00 CONST. 36' ENTRANCE W/72 SQ. YD. CEM. CONC. ENT. PVMT. 8", 17 TONS CSB, AND 24 TONS AS, 29 TONS AB, 125 TONS CSB (354 S.Y.)

GRAVEL REPLACEMENT
 LT. STA. 130+23.66, CONST. PORTION OF GRAVEL DRIVE W/2 TONS TBB (5' DEPTH, 8 S.Y.)

LT. STA. 130+74.73, CONST. PORTION OF GRAVEL DRIVE W/9 TONS TBB (5' DEPTH, 35 S.Y.)

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 127+50 TO 130+23.66	SPL. 2' F.B.	CL. II	225 TONS
LT. 130+44.22 TO 131+28.79	2' F.B. SURF.	CL. II	47 TONS
• LT. 131+33.68	2' F.B. OUTLET DT.	CL. II	12 TONS
• LT. 131+85	4' F.B. OUTLET DT.	CL. II	85 TONS
LT. 131+85 TO 133+00	SPL. "V"	TRM I	116 S.Y.

SODDING
 LT. STA. 127+00 TO STA. 133+00, CONST. 315 S.Y.

HANDRAIL - TYPE A-1
 NO. 24 ENTR. RT. STA. 10+17.96 TO STA. 10+23.66, CONST. 6.44 L.F. ON RETAINING WALL.

HANDRAIL - TYPE A-2
 NO. 24 ENTR. RT. STA. 10+11.94 TO STA. 10+17.96, CONST. 10.00 L.F. ON RETAINING WALL.

WITNESS POST
 LT. STA. 127+00 TO STA. 133+00, CONST. 1

R/W MONUMENT - TYPE 1
 LT. STA. 127+00 TO STA. 133+00, CONST. 5

STANDARD CURB AND GUTTER
 LT. STA. 127+00 TO STA. 133+00, CONST. 585 L.F.

CONSTRUCT 4" SIDEWALK
 LT. STA. 127+00 TO STA. 133+00, CONST. 306 S.Y. ALL SIDEWALKS SHALL BE ADA COMPLIANT.

CLAY COUNTY COOPERATIVE EXTENSION DISTRICT BOARD

DOBSON INVESTMENT PROPERTIES, LLC

1-STY METAL COMM. CITY BARBER SHOP

PROP./RETAINING WALL NO. 9

LOCAL ACCESS RD. NO. 2

LOCAL ACCESS RD. NO. 2 STA. 48+04

P. NO. 24 ENTR. STA. 10+00

US 421/KY 80 WIDENING

US 421/KY 80 STA. 129+70

P. NO. 29 ENTR. STA. 10+00

HARDY OIL COMPANY, INC.

CLAY COUNTY BOARD OF EDUCATION

DONALD RAY JONES ROSETTA JONES (W/F)

1-STY BRICK COMM. CUSP'S AUTO REPAIR

GRATE 862-01 INV. 855.45

PARK VALLEY OIL

1-STY METAL COMM.

GRATE 879-25 INV. 857.03

GRATE 879-25 INV. 857.03

GRATE 862-01 INV. 855.45

GRATE 862-01 INV. 855.45

GRATE 862-01 INV. 855.45

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GRATE 862-01 INV. 855.45

GRATE 862-01 INV. 855.45

FILE NAME: T:\3386\PHASE 2\SHEETS\PLAN\0300PL.DGN

USER: BCarttison
 DATE PLOTTED: January 30, 2013

E-SHEET NAME:

MicroStation v8.11.7.443

C.P. #6, I. P. & C. 48.81' LT. STA. 132+75.49, ELEV. 863.69

OLD TIMER'S ROAD PAVEMENT REPLACEMENT

RT. STA. 128+00 TO STA. 131+75, REPLACE 72 S.Y. W/5 TONS AS, 34 TONS AB, 29 TONS CSB

SODDING
 RT. STA. 127+00 TO STA. 133+00, CONST. 256 S.Y.

HANDRAIL - TYPE A-2
 RT. STA. 127+00 TO STA. 132+36, CONST. 528.40 L.F. ON RETAINING WALL

STEEL "W" BEAM GUARDRAIL
 RT. STA. 127+00 TO STA. 132+44.63, CONST. 525 L.F., W/2 TERMINAL SECTION NO. 1

STANDARD CURB AND GUTTER
 RT. STA. 127+00 TO STA. 133+00, CONST. 471 L.F.

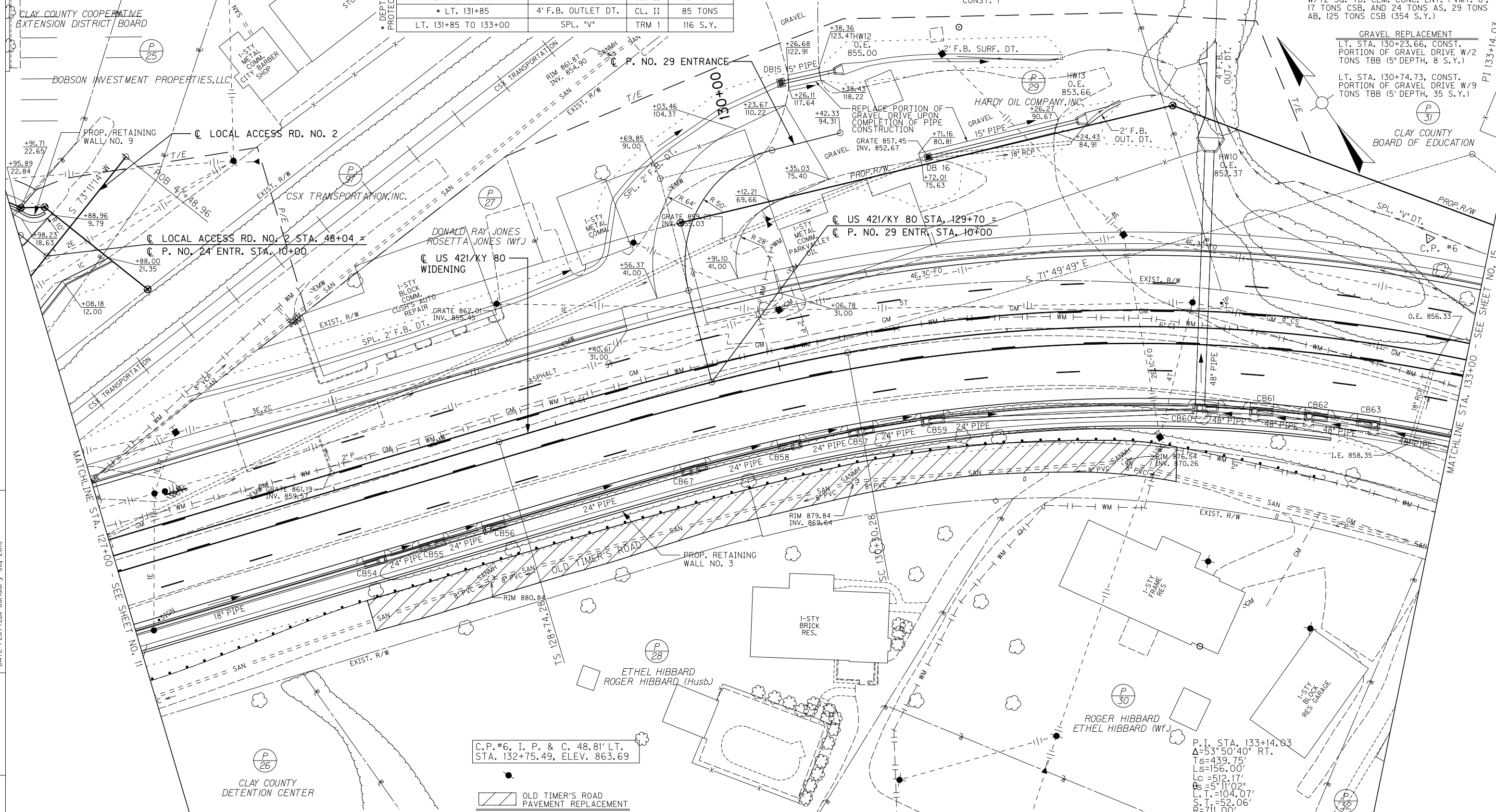
CONSTRUCT 4" SIDEWALK
 LT. STA. 127+00 TO STA. 133+00, CONST. 323 S.Y. ALL SIDEWALKS SHALL BE ADA COMPLIANT.

P.I. STA. 133+14.03
 $\Delta=53^{\circ}50'40"$ RT.
 $T_s=439.75'$
 $L_s=156.00'$
 $L_c=512.17'$
 $\theta_s=5^{\circ}11'02"$
 $L.T.=104.07'$
 $S.T.=52.06'$
 $R=711.00'$
 $e_s=88.02'$
 $e=4.02'$
 $Runoff=156.00'$
 $Runout=78.00'$

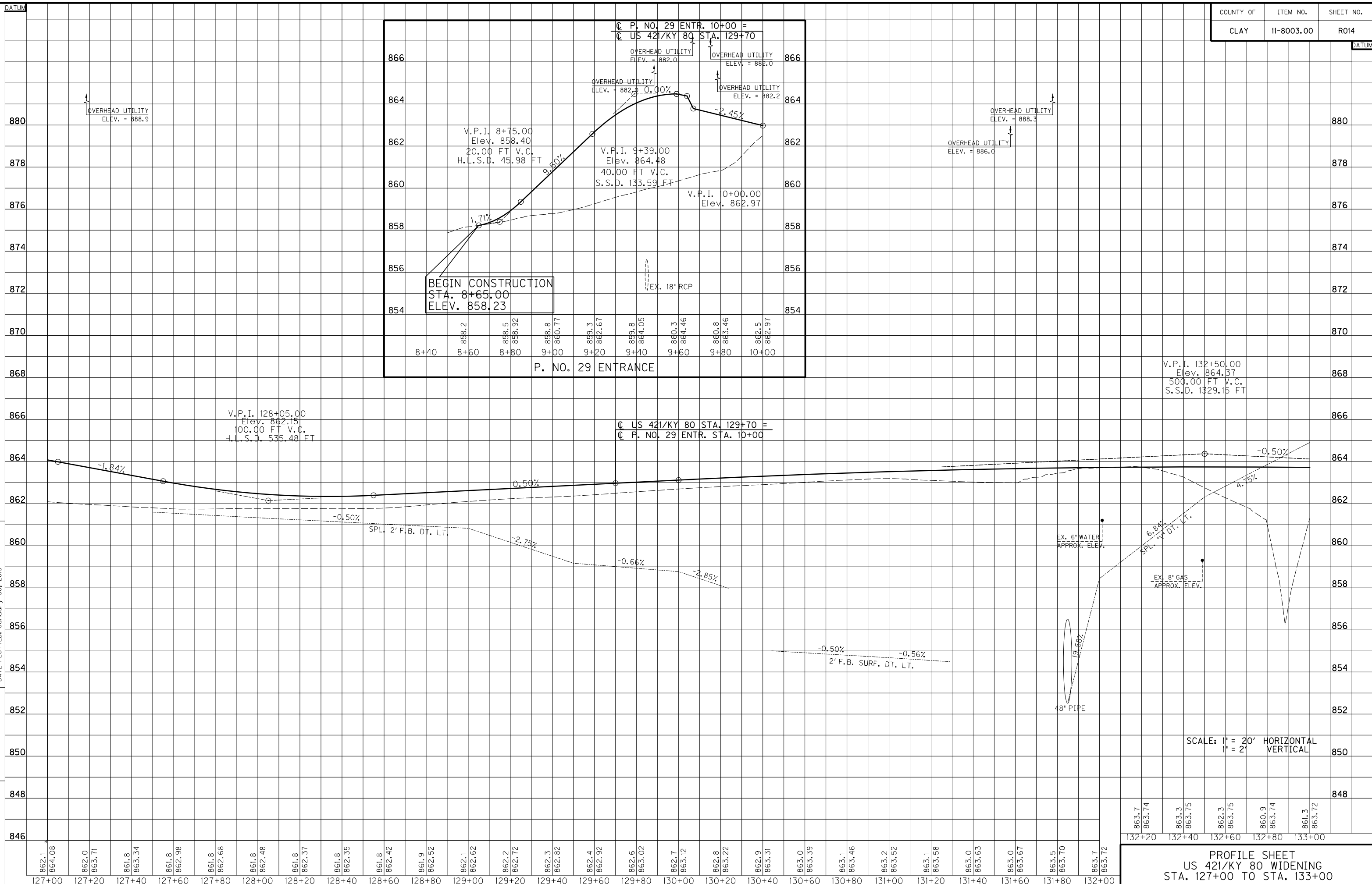
CLAY COUNTY FISCAL COURT

PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 127+00 TO STA. 133+00

SCALE: 1"= 20'



MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: jmgm
 DATE PLOTTED: January 30, 2013
 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\PROF0400PR.DGN



SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
 US 421/KY 80 WIDENING
 STA. 127+00 TO STA. 133+00

862.1	864.08	862.0	863.71	861.8	863.34	861.8	862.98	861.8	862.68	861.8	862.48	861.8	862.37	861.8	862.35	861.8	862.42	861.9	862.52	862.1	862.62	862.2	862.72	862.3	862.82	862.4	862.92	862.6	863.02	862.7	863.12	862.8	863.22	862.9	863.31	863.0	863.39	863.1	863.46	863.2	863.52	863.1	863.58	863.0	863.63	863.0	863.67	863.5	863.70	863.7	863.72
127+00	127+20	127+40	127+60	127+80	128+00	128+20	128+40	128+60	128+80	129+00	129+20	129+40	129+60	129+80	130+00	130+20	130+40	130+60	130+80	131+00	131+20	131+40	131+60	131+80	132+00	132+20	132+40	132+60	132+80	133+00																					

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 133+00 TO 133+40	SPL. "V"	TRM 1	35 S.Y.
LT. 137+00 TO 138+30	SPL. 2' F.B. INTERCEPTOR	ECB	172 S.Y.

STANDARD CURB AND GUTTER
 LT. STA. 133+00 TO STA. 139+00,
 CONST. 788 L.F.

CONSTRUCT 4" SIDEWALK
 LT. STA. 133+00 TO STA. 139+00,
 CONST. 307 S.Y. W/2-TPE 1
 SIDEWALK RAMPS. ALL SIDEWALKS
 AND RAMPS SHALL BE ADA
 COMPLIANT.

SODDING
 LT. STA. 133+00 TO STA. 139+00,
 CONST. 325 S.Y.

R/W MONUMENT - TYPE 1
 LT. STA. 133+00 TO STA. 139+00,
 CONST. 4

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R015

(P 31)
 CLAY COUNTY
 BOARD OF EDUCATION

CLAY COUNTY BOARD OF EDUCATION
 PACES CREEK ELEM. SCHOOL ENTR.

CLAY COUNTY BOARD OF EDUCATION
 PACES CREEK ELEM. SCHOOL ENTR. STA. 10+00 =
 OLD TIMERS RD. NO. 2 STA. 50+00

CLAY COUNTY BOARD OF EDUCATION
 PACES CREEK ELEM. SCHOOL ENTR. STA. 10+00 =
 OLD TIMERS RD. NO. 2 STA. 50+00

CLAY COUNTY BOARD OF EDUCATION
 PACES CREEK ELEM. SCHOOL ENTR. STA. 10+00 =
 OLD TIMERS RD. NO. 2 STA. 50+00

CLAY COUNTY BOARD OF EDUCATION
 PACES CREEK ELEM. SCHOOL ENTR. STA. 10+00 =
 OLD TIMERS RD. NO. 2 STA. 50+00

FILE NAME: T:\3386\PHASE 2\SHEETS\PLAN\0500PL.DGN

USER: AChadwell
 DATE PLOTTED: January 30, 2013

E-SHEET NAME:

MicroStation v8.11.7.443

P.I. STA. 133+14.03
 $\Delta = 53^{\circ} 50' 40''$ RT.
 $T_s = 439.75'$
 $L_s = 156.00'$
 $L_c = 512.17'$
 $\theta_s = 5^{\circ} 11' 02''$
 $L.T. = 104.07'$
 $S.T. = 52.06'$
 $R = 711.00'$
 $E_s = 88.02'$
 $\theta = 4.02'$
 $\text{Runoff} = 156.00'$
 $\text{Runout} = 78.00'$

SAFELOADING
 RT. STA. 138+13.83 TO STA. 139+11.83,
 SAFeload 99 L.F. OF 15" PIPE W/5 C.Y.

STANDARD CURB AND GUTTER
 RT. STA. 133+00 TO STA. 139+00,
 CONST. 603 L.F.

STANDARD HEADER CURB
 RT. STA. 138+53.88 TO STA. 139+00,
 CONST. 101 L.F.

CONSTRUCT 4" SIDEWALK
 RT. STA. 133+00 TO STA. 139+00,
 CONST. 298 S.Y. W/2-TPE 1
 SIDEWALK RAMPS. ALL SIDEWALKS
 AND RAMPS SHALL BE ADA
 COMPLIANT.

SODDING
 RT. STA. 133+00 TO STA. 139+00,
 CONST. 396 S.Y.

COMMERCIAL ENTRANCE
 OLD TIMERS RD. NO. 2 LT. STA. 50+67
 CONST. 20' ENTRANCE, W/ 6 TONS AS,
 10 TONS AB, 34 TONS CSB (93 S.Y.)

OLD TIMERS RD. NO. 2
 P.I. STA. 50+95.30
 $\Delta = 87^{\circ} 03' 05''$ RT.
 $T = 22.65'$
 $L = 42.55'$
 $E = 50.00'$
 $\theta = 18.96'$

CLAY COUNTY BOARD OF EDUCATION
 PACES CREEK ELEM. SCHOOL ENTR. STA. 10+00 =
 OLD TIMERS RD. NO. 2 STA. 50+00

(P 33)

See X-Sects.
 Runoff=See X-Sects.
 Runout=See X-Sects.

STEVE COLLINS FLP LTD.

DITCH CONSTRUCTION - PARCEL NO. 33 ENTRANCE			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 9+00 TO 9+75	SPL. "V" DT.	TRM 1	31 S.Y.



SCALE: 1" = 20'

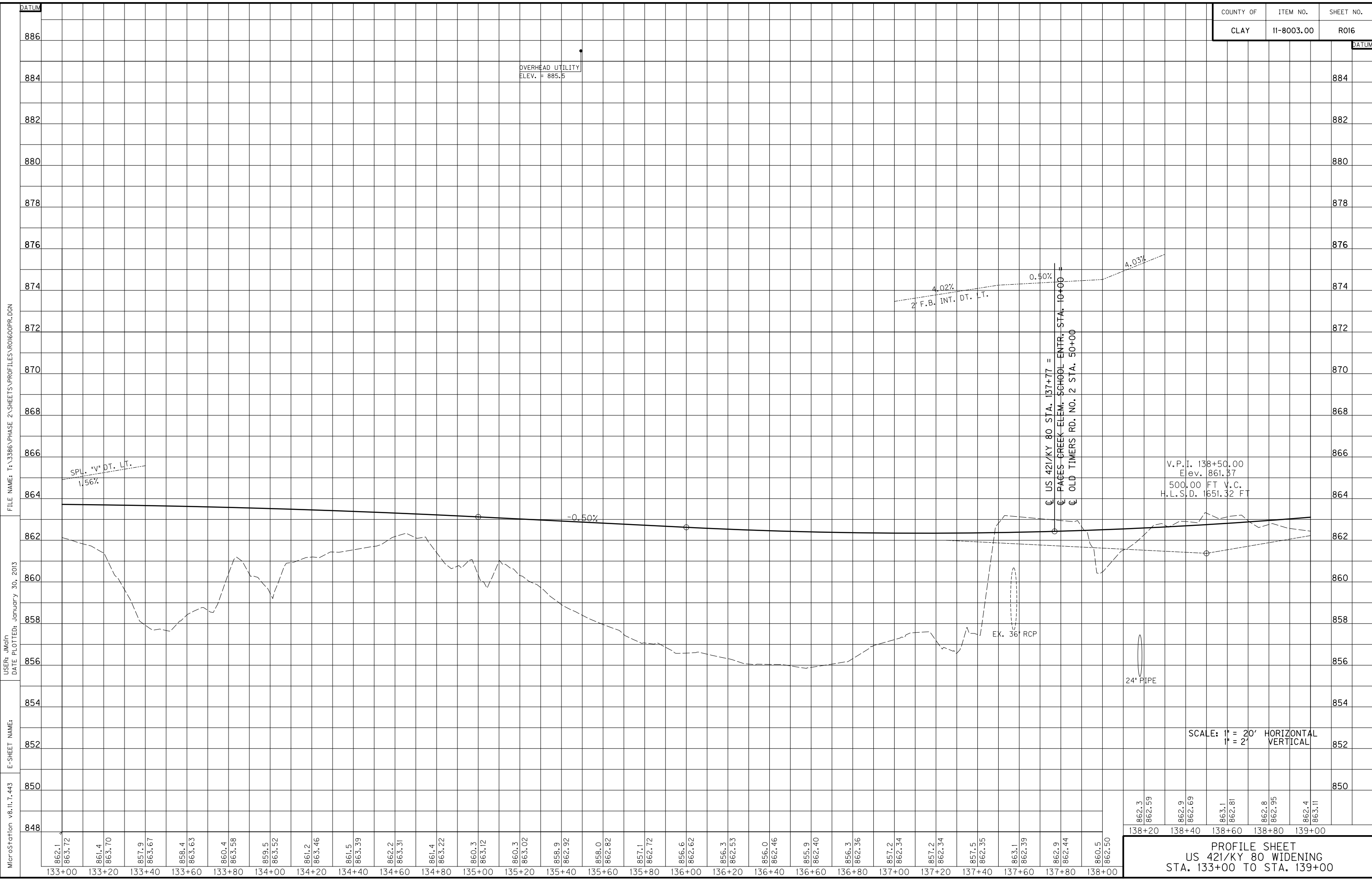
PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 133+00 TO STA. 139+00

STEVE COLLINS FLP LTD

P. NO. 33 ENTR.

2-STY BLOCK/FRAME COMM GOLDEN GLOW TANNING F.C.A. OFFICE KCEOC HEAD START

MATCHLINE STA. 139+00 - SEE SHEET NO. 17



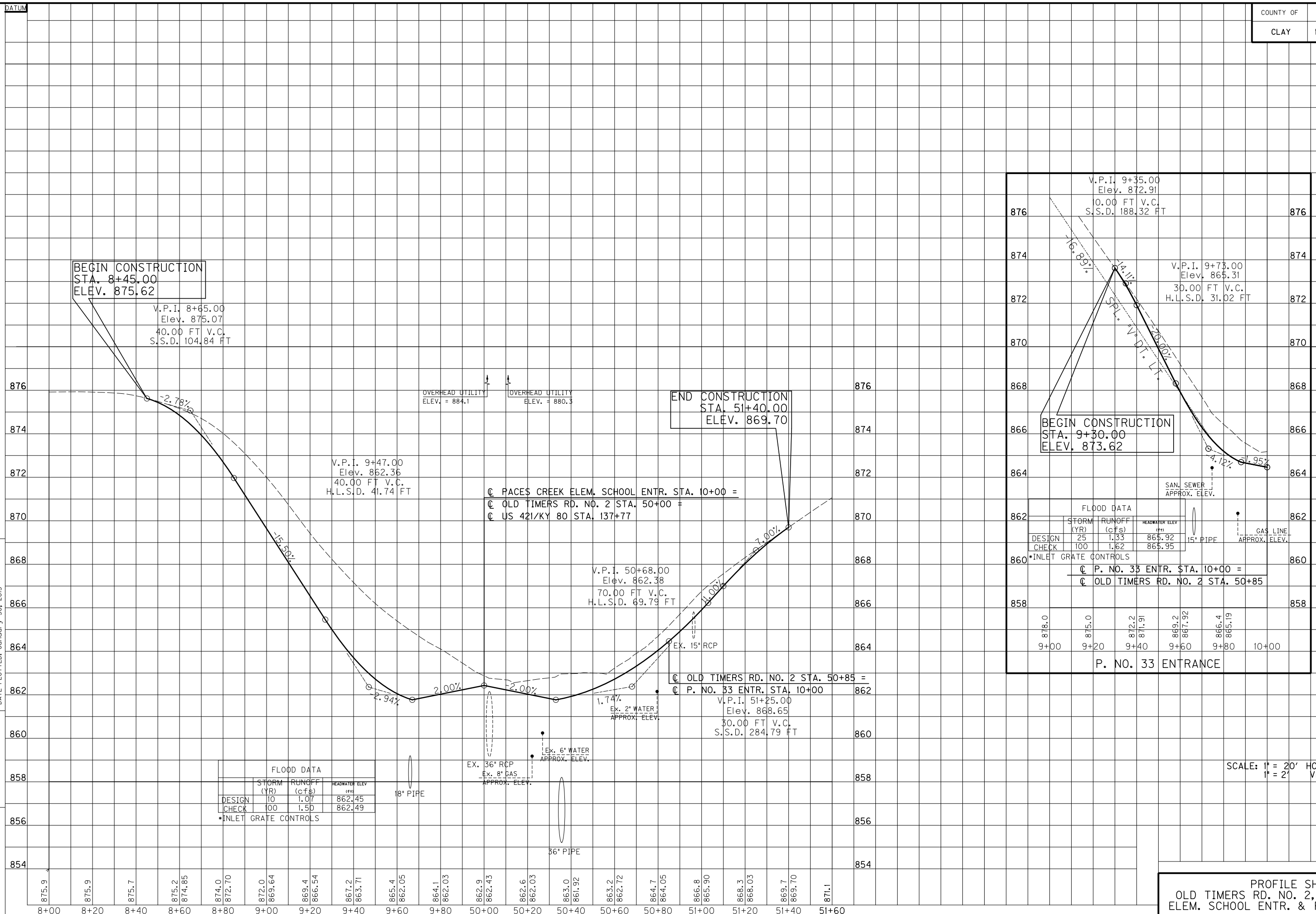
MicroStation v8.11.7.443 E-SHEET NAME: USER: jmgln DATE PLOTTED: January 30, 2013 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\PROF00PR.DGN

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 133+00 TO STA. 139+00

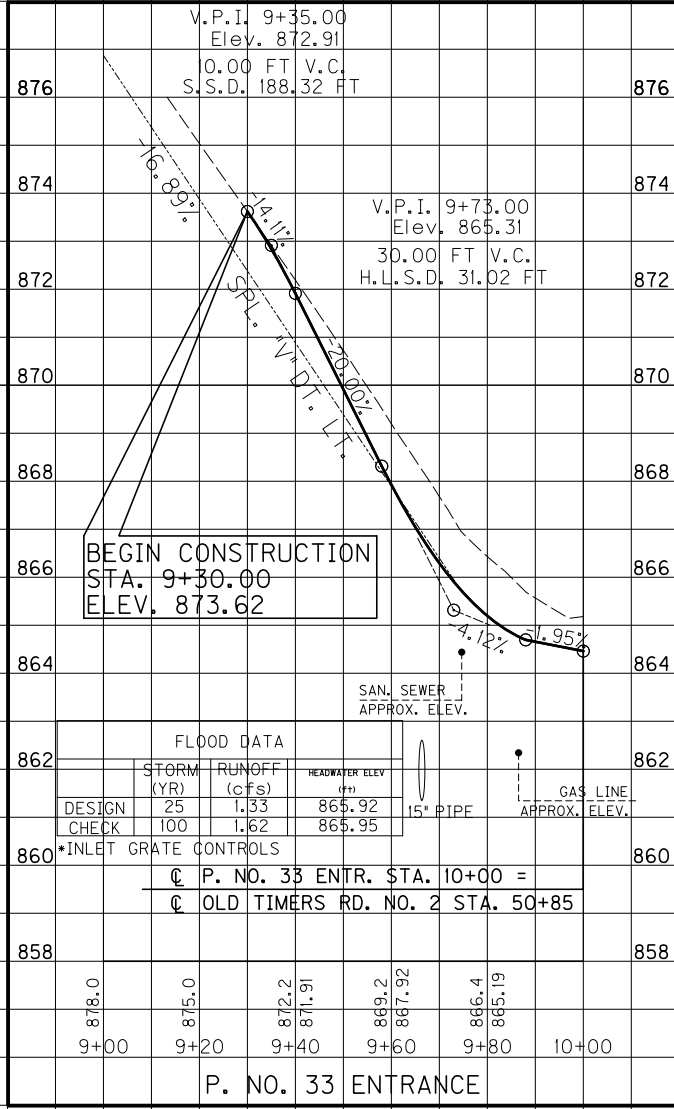
862.3	862.59	862.9	862.69	863.1	862.81	862.8	862.95	862.4	863.11
138+20	138+40	138+60	138+80	139+00					

FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\PRO16A.DGN
 USER: DSHoyer
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443



FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN 10	1.07	862.45
CHECK 100	1.50	862.49

*INLET GRATE CONTROLS

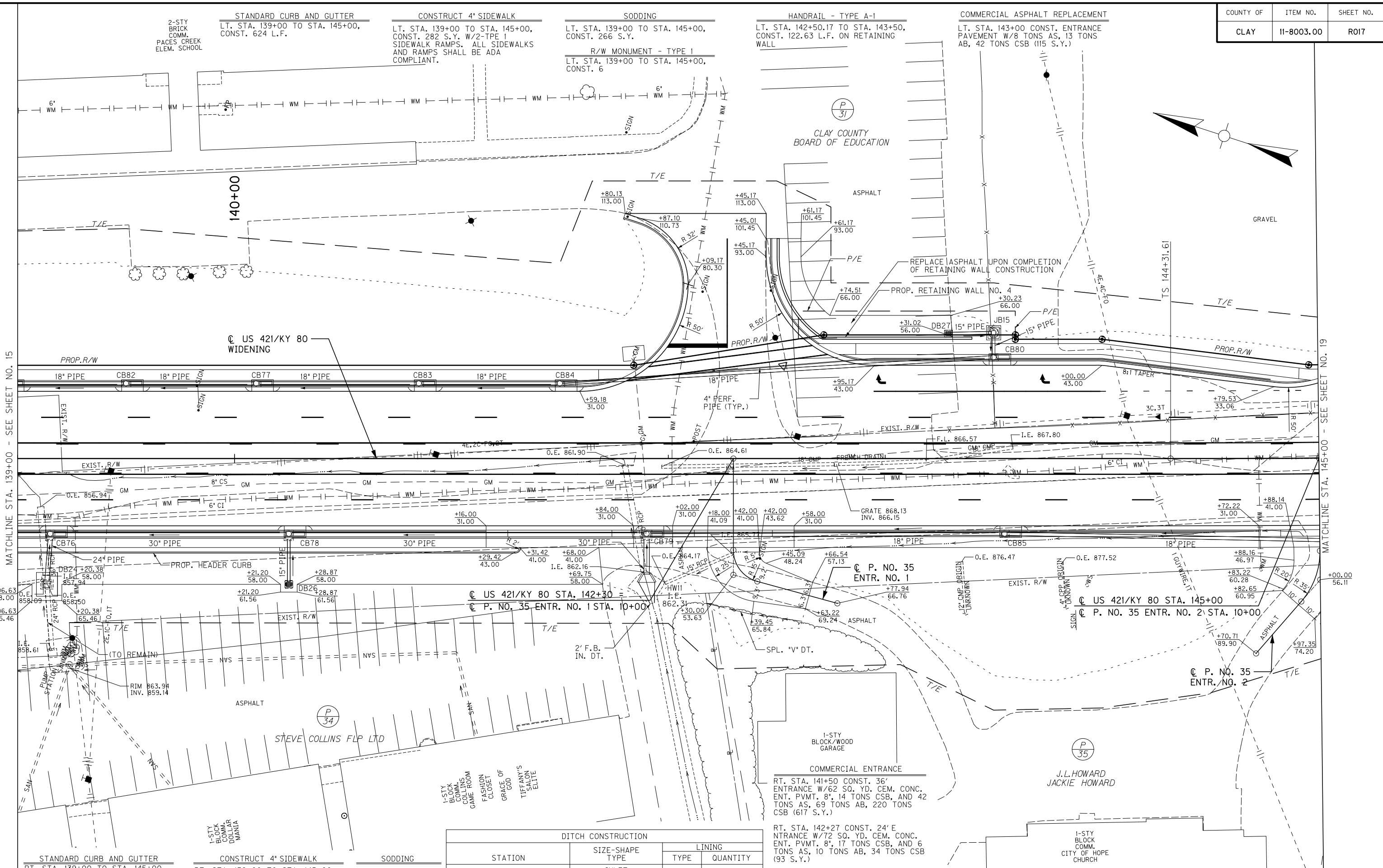


FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN 25	1.33	865.92
CHECK 100	1.62	865.95

*INLET GRATE CONTROLS

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
 OLD TIMERS RD. NO. 2, PACES CREEK
 ELEM. SCHOOL ENTR. & P. NO. 33 ENTR.



STANDARD CURB AND GUTTER
RT. STA. 139+00 TO STA. 145+00,
CONST. 408 L.F.

STANDARD HEADER CURB
RT. STA. 139+00 TO STA. 141+31.42,
CONST. 233 L.F.

CONSTRUCT 4' SIDEWALK
RT. STA. 139+00 TO STA. 145+00,
CONST. 249 S.Y. ALL SIDEWALKS
SHALL BE ADA COMPLIANT.

SODDING
RT. STA. 139+00 TO
STA. 145+00,
CONST. 245 S.Y.

DITCH CONSTRUCTION				
STATION	SIZE-SHAPE TYPE	LINING		
		TYPE	QUANTITY	
RT. 141+90	INLET	CL. II	7 TONS	
RT. 10+52.72 TO 10+86.46	SPL. 'V'	TRM I	42 S.Y.	

* DEPTH TO PROTECT = 1.0'

RT. STA. 142+27 CONST. 24' E
NTRANCE W/72 SQ. YD. CEM. CONC.
ENT. PVMT. 8", 17 TONS CSB, AND 6
TONS AS, 10 TONS AB, 34 TONS CSB
(93 S.Y.)

RT. STA. 145+00 CONST. 24'
ENTRANCE W/72 SQ. YD. CEM. CONC.
ENT. PVMT. 8", 14 TONS CSB, AND 5
TONS AS, 8 TONS AB, 27 TONS CSB
(74 S.Y.)

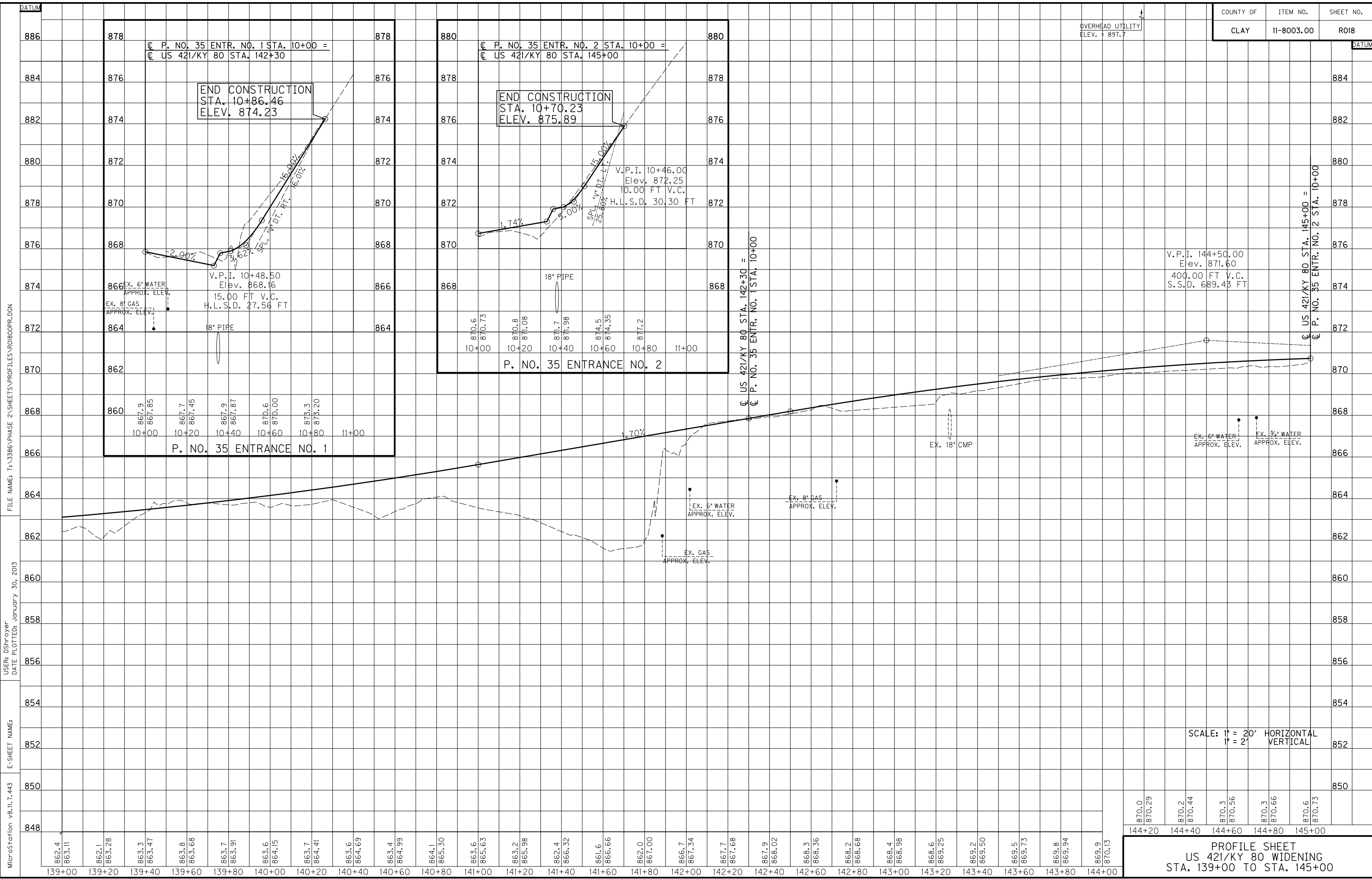


PLAN SHEET
US 421/KY 80 WIDENING
STA. 139+00 TO STA. 145+00

FILE NAME: T:\3386\PHASE 2\SHEETS\PLAN\ROT00PL.DGN
 USER: AChadwell
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

MATCHLINE STA. 139+00 - SEE SHEET NO. 15
 MATCHLINE STA. 145+00 - SEE SHEET NO. 19

OVERHEAD UTILITY
ELEV. = 897.7



MicroStation v8.11.7.443
 E-SHEET NAME:
 DATE PLOTTED: January 30, 2013
 USER: DShroyer
 FILE NAME: T:\3386 PHASE 2\SHEETS\PROFILES\PROB00PR.DGN

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

870.0	870.29	870.2	870.44	870.3	870.56	870.3	870.66	870.6	870.73
144+20	144+40	144+60	144+80	145+00					

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 139+00 TO STA. 145+00

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 146+50 TO 148+93.94	SPL. "V"	TRM 1	191 S.Y.
LT. 148+93.94 TO 149+30	SPL. "V"	ECB	25 S.Y.

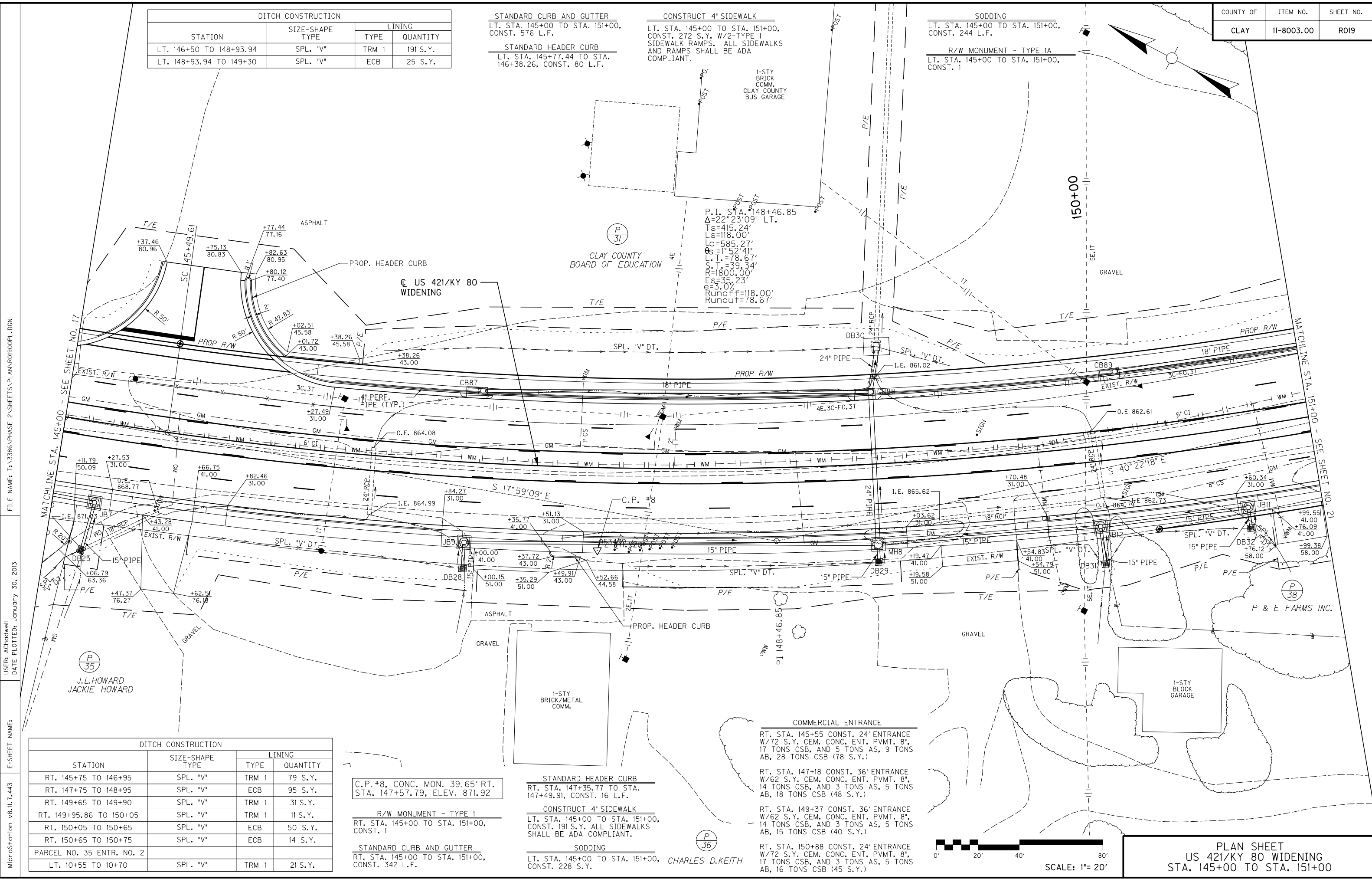
STANDARD CURB AND GUTTER
 LT. STA. 145+00 TO STA. 151+00,
 CONST. 576 L.F.

STANDARD HEADER CURB
 LT. STA. 145+77.44 TO STA.
 146+38.26, CONST. 80 L.F.

CONSTRUCT 4' SIDEWALK
 LT. STA. 145+00 TO STA. 151+00,
 CONST. 272 S.Y. W/2-TYPE 1
 SIDEWALK RAMPS. ALL SIDEWALKS
 AND RAMPS SHALL BE ADA
 COMPLIANT.

SODDING
 LT. STA. 145+00 TO STA. 151+00,
 CONST. 244 L.F.

R/W MONUMENT - TYPE 1A
 LT. STA. 145+00 TO STA. 151+00,
 CONST. 1



P.I. STA. 148+46.85
 $\Delta=22^{\circ}23'09''$ LT.
 $T_s=415.24'$
 $L_s=118.00'$
 $L_c=585.27'$
 $O_s=1'52.41''$
 $L.T.=78.67'$
 $S.T.=39.34'$
 $R=1800.00'$
 $E_s=35.23'$
 $e=3.0\%$
 $Runoff=118.00'$
 $Runout=78.67'$

C.P. #8, CONC. MON. 39.65' RT.
 STA. 147+57.79, ELEV. 871.92

R/W MONUMENT - TYPE 1
 RT. STA. 145+00 TO STA. 151+00,
 CONST. 1

STANDARD CURB AND GUTTER
 RT. STA. 145+00 TO STA. 151+00,
 CONST. 342 L.F.

STANDARD HEADER CURB
 RT. STA. 147+35.77 TO STA.
 147+49.91, CONST. 16 L.F.

CONSTRUCT 4' SIDEWALK
 LT. STA. 145+00 TO STA. 151+00,
 CONST. 191 S.Y. ALL SIDEWALKS
 SHALL BE ADA COMPLIANT.

SODDING
 LT. STA. 145+00 TO STA. 151+00,
 CONST. 228 S.Y.

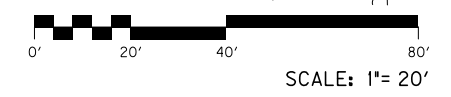
COMMERCIAL ENTRANCE
 RT. STA. 145+55 CONST. 24' ENTRANCE
 W/72 S.Y. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 5 TONS AS, 9 TONS
 AB, 28 TONS CSB (78 S.Y.)

RT. STA. 147+18 CONST. 36' ENTRANCE
 W/62 S.Y. CEM. CONC. ENT. PVMT. 8",
 14 TONS CSB, AND 3 TONS AS, 5 TONS
 AB, 18 TONS CSB (48 S.Y.)

RT. STA. 149+37 CONST. 36' ENTRANCE
 W/62 S.Y. CEM. CONC. ENT. PVMT. 8",
 14 TONS CSB, AND 3 TONS AS, 5 TONS
 AB, 15 TONS CSB (40 S.Y.)

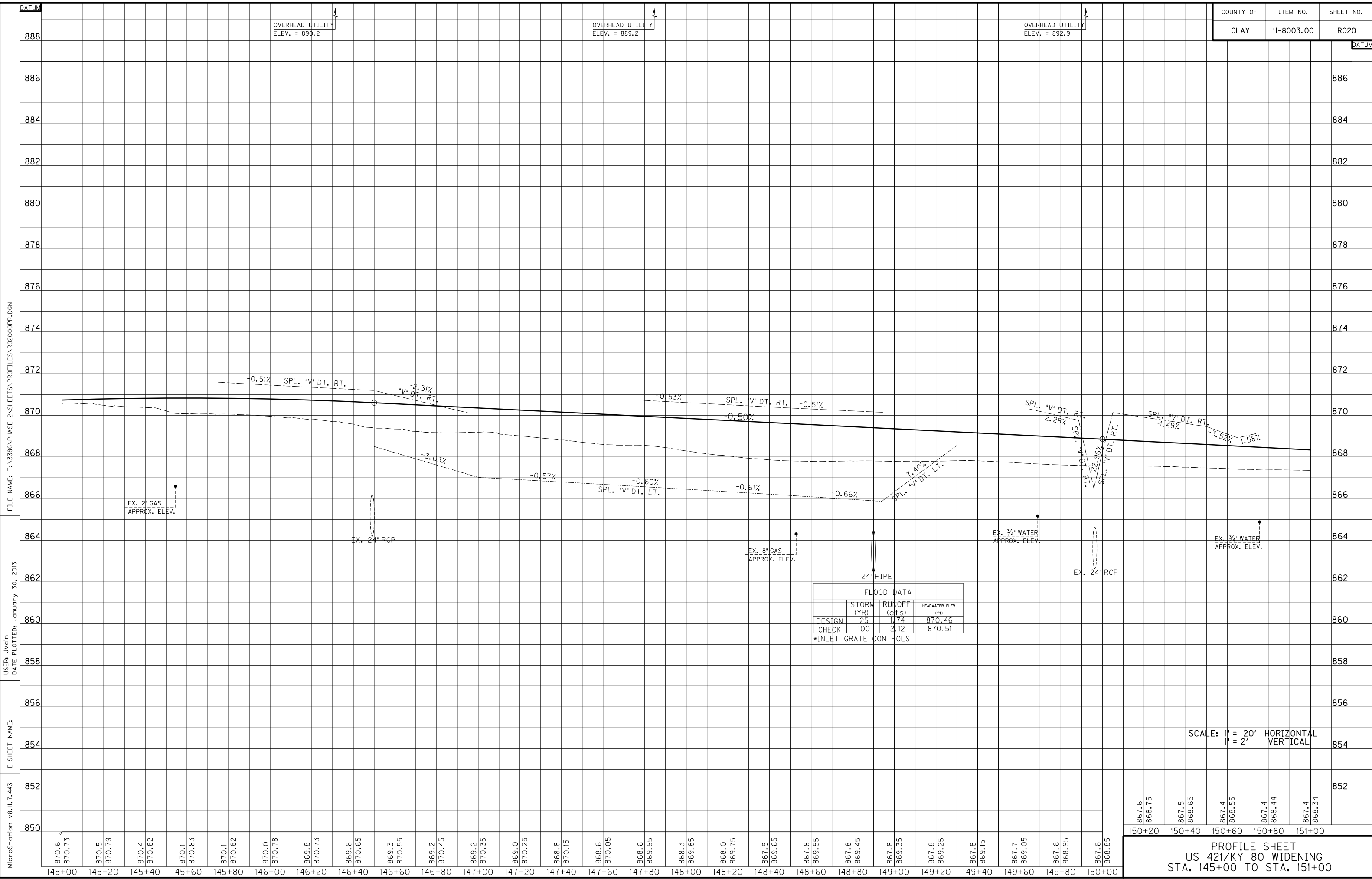
RT. STA. 150+88 CONST. 24' ENTRANCE
 W/72 S.Y. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 3 TONS AS, 5 TONS
 AB, 16 TONS CSB (45 S.Y.)

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
RT. 145+75 TO 146+95	SPL. "V"	TRM 1	79 S.Y.
RT. 147+75 TO 148+95	SPL. "V"	ECB	95 S.Y.
RT. 149+65 TO 149+90	SPL. "V"	TRM 1	31 S.Y.
RT. 149+95.86 TO 150+05	SPL. "V"	TRM 1	11 S.Y.
RT. 150+05 TO 150+65	SPL. "V"	ECB	50 S.Y.
RT. 150+65 TO 150+75	SPL. "V"	ECB	14 S.Y.
PARCEL NO. 35 ENTR. NO. 2			
LT. 10+55 TO 10+70	SPL. "V"	TRM 1	21 S.Y.



PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 145+00 TO STA. 151+00

FILE NAME: T:\3386\PHASE 2\SHEETS\PLAN\900PL.DGN
 USER: AChadwell
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443



MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: jmain
 DATE PLOTTED: January 30, 2013
 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R02000PR.DGN

FLOOD DATA		
	STORM RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	1.74
CHECK	100	2.12

• INLET GRATE CONTROLS

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

867.6	868.75	867.5	868.65	867.4	868.55	867.4	868.44	867.4	868.34
150+20	150+40	150+60	150+80	151+00					

PROFILE SHEET
 US 421/KY 80 WIDENING
 STA. 145+00 TO STA. 151+00

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
* LT. 154+47.71	4' F.B. OUTLET DT.	CL. III	19 TONS

* DEPTH TO PROTECT = 2.0'

COMMERCIAL ENTRANCE
 LT. STA. 155+25 CONST. 36' ENTRANCE W/72 S.Y. CEM. CONC. ENT. PVMT. 8", 17 TONS CSB, AND 13 TONS AS, 21 TONS AB, 68 TONS CSB (192 S.Y.)
 LT. STA. 156+50 CONST. 36' ENTRANCE W/72 S.Y. CEM. CONC. ENT. PVMT. 8", 17 TONS CSB, AND 13 TONS AS, 22 TONS AB, 72 TONS CSB (195 S.Y.)

RESIDENTIAL ENTRANCE
 LT. STA. 153+25 CONST. 12' ENTRANCE W/33 S.Y. CEM. CONC. ENT. PVMT. 8", 8 TONS CSB, AND 4 TONS AS, 6 TONS AB, 13 TONS CSB (52 S.Y.)

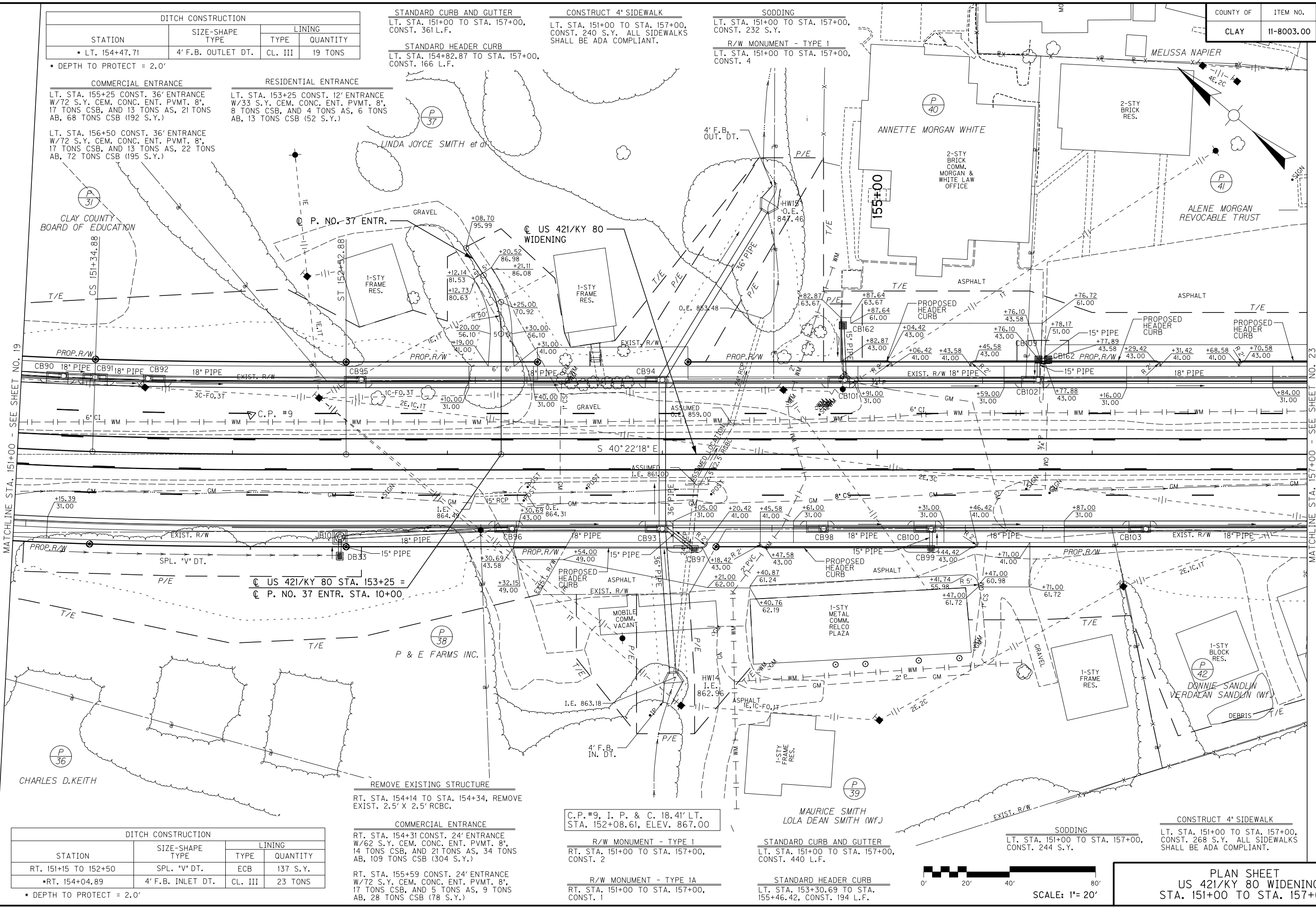
STANDARD CURB AND GUTTER
 LT. STA. 151+00 TO STA. 157+00, CONST. 361 L.F.

STANDARD HEADER CURB
 LT. STA. 154+82.87 TO STA. 157+00, CONST. 166 L.F.

CONSTRUCT 4' SIDEWALK
 LT. STA. 151+00 TO STA. 157+00, CONST. 240 S.Y. ALL SIDEWALKS SHALL BE ADA COMPLIANT.

SODDING
 LT. STA. 151+00 TO STA. 157+00, CONST. 232 S.Y.

R/W MONUMENT - TYPE I
 LT. STA. 151+00 TO STA. 157+00, CONST. 4



DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
RT. 151+15 TO 152+50	SPL. "V" DT.	ECB	137 S.Y.
* RT. 154+04.89	4' F.B. INLET DT.	CL. III	23 TONS

* DEPTH TO PROTECT = 2.0'

REMOVE EXISTING STRUCTURE
 RT. STA. 154+14 TO STA. 154+34, REMOVE EXIST. 2.5' X 2.5' RCBC.

COMMERCIAL ENTRANCE
 RT. STA. 154+31 CONST. 24' ENTRANCE W/62 S.Y. CEM. CONC. ENT. PVMT. 8", 14 TONS CSB, AND 21 TONS AS, 34 TONS AB, 109 TONS CSB (304 S.Y.)

COMMERCIAL ENTRANCE
 RT. STA. 155+59 CONST. 24' ENTRANCE W/72 S.Y. CEM. CONC. ENT. PVMT. 8", 17 TONS CSB, AND 5 TONS AS, 9 TONS AB, 28 TONS CSB (78 S.Y.)

C.P.#9, I. P. & C. 18.41' LT.
 STA. 152+08.61, ELEV. 867.00

R/W MONUMENT - TYPE I
 RT. STA. 151+00 TO STA. 157+00, CONST. 2

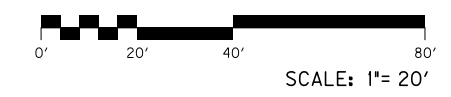
R/W MONUMENT - TYPE IA
 RT. STA. 151+00 TO STA. 157+00, CONST. 1

STANDARD CURB AND GUTTER
 LT. STA. 151+00 TO STA. 157+00, CONST. 440 L.F.

STANDARD HEADER CURB
 LT. STA. 153+30.69 TO STA. 155+46.42, CONST. 194 L.F.

SODDING
 LT. STA. 151+00 TO STA. 157+00, CONST. 244 S.Y.

CONSTRUCT 4' SIDEWALK
 LT. STA. 151+00 TO STA. 157+00, CONST. 268 S.Y. ALL SIDEWALKS SHALL BE ADA COMPLIANT.



PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 151+00 TO STA. 157+00

FILE NAME: T:\3386\PHASE 2\SHEETS\PLAN\R021D00PL.DGN

USER: JMGin
DATE PLOTTED: January 30, 2013

E-SHEET NAME:

MicroStation v8.11.7.443

MATCHLINE STA. 151+00 - SEE SHEET NO. 19

MATCHLINE STA. 157+00 - SEE SHEET NO. 23

STANDARD CURB AND GUTTER
 LT. STA. 157+00 TO STA. 163+00,
 CONST. 311 L.F.

STANDARD HEADER CURB
 LT. STA. 157+00 TO STA. 159+87.14,
 CONST. 232 L.F.

CONSTRUCT 4" SIDEWALK
 LT. STA. 157+00 TO STA. 163+00,
 CONST. 256 S.Y. ALL SIDEWALKS
 SHALL BE ADA COMPLIANT.

SODDING
 LT. STA. 157+00 TO STA. 163+00,
 CONST. 244 S.Y.

R/W MONUMENT - TYPE 1A
 LT. STA. 157+00 TO STA. 163+00,
 CONST. 2

HANDRAIL - TYPE A-1
 LT. STA. 161+10 TO STA. 162+46,
 CONST. 135 L.F. ON RETAINING
 WALL

REMOVING PAVEMENT
 LT. STA. 158+83.86 TO STA.
 159+06.41, REMOVE 31 SQ.YD.

CONCRETE MEDIAN BARRIER
 RT. STA. 160+60.00 TO STA. 161+18.09,
 LT. STA. 161+15.88 TO STA. 161+70.00,
 CONST. 56 L.F. OF SEPARATE SEGMENT
 CONCRETE MEDIAN BARRIER TYPE 9C2.
 (TOTAL LENGTH OF BOTH SIDES OF
 BARRIER WALL IS 56 LF.)

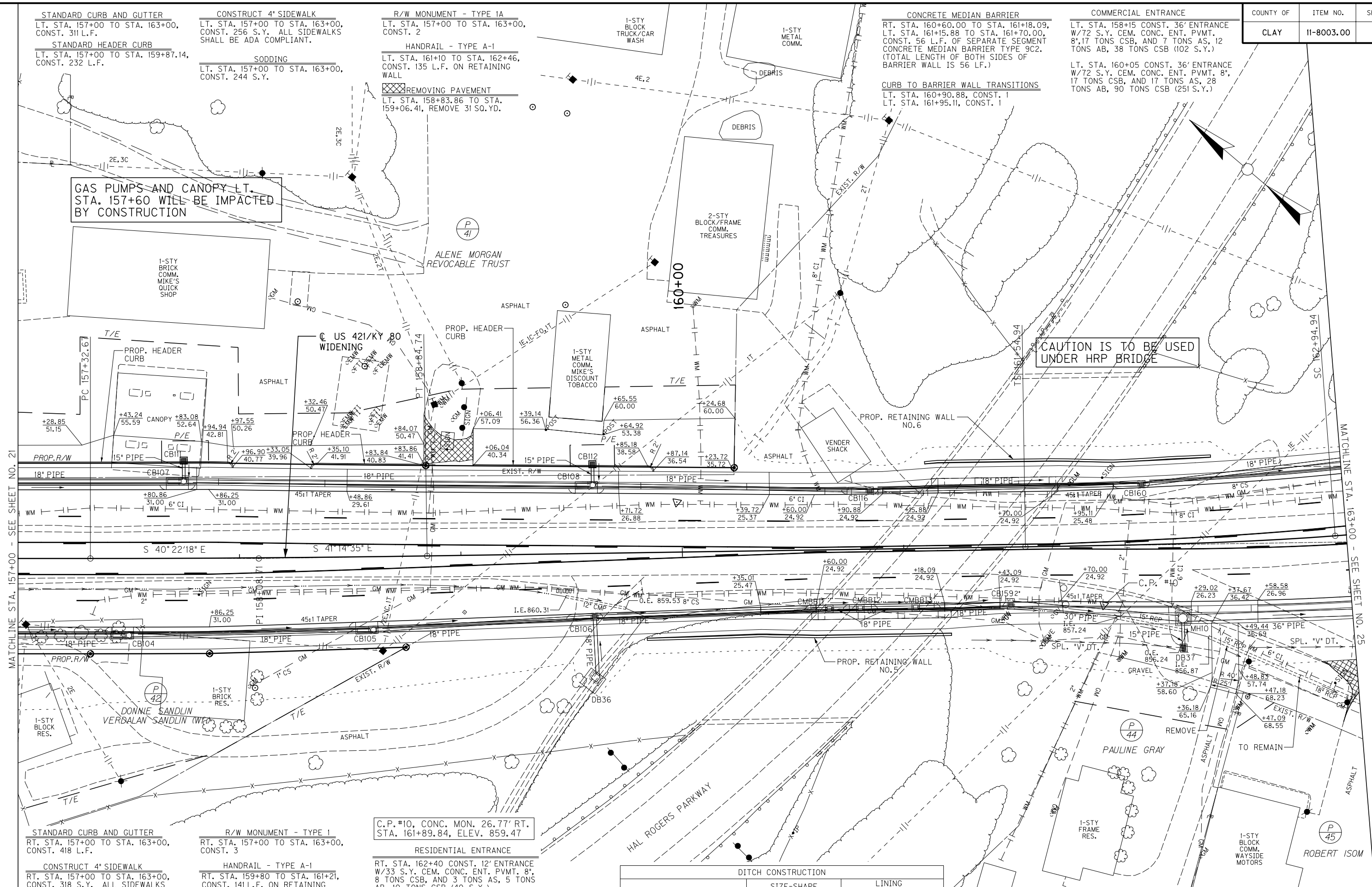
CURB TO BARRIER WALL TRANSITIONS
 LT. STA. 160+90.88, CONST. 1
 LT. STA. 161+95.11, CONST. 1

COMMERCIAL ENTRANCE
 LT. STA. 158+15 CONST. 36' ENTRANCE
 W/72 S.Y. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 7 TONS AS, 12
 TONS AB, 38 TONS CSB (102 S.Y.)

LT. STA. 160+05 CONST. 36' ENTRANCE
 W/72 S.Y. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 17 TONS AS, 28
 TONS AB, 90 TONS CSB (251 S.Y.)

**GAS PUMPS AND CANOPY LT.
 STA. 157+60 WILL BE IMPACTED
 BY CONSTRUCTION**

**CAUTION IS TO BE USED
 UNDER HRP BRIDGE**



STANDARD CURB AND GUTTER
 RT. STA. 157+00 TO STA. 163+00,
 CONST. 418 L.F.

CONSTRUCT 4" SIDEWALK
 RT. STA. 157+00 TO STA. 163+00,
 CONST. 318 S.Y. ALL SIDEWALKS
 SHALL BE ADA COMPLIANT.

SODDING
 RT. STA. 157+00 TO STA. 163+00,
 CONST. 249 S.Y.

R/W MONUMENT - TYPE 1
 RT. STA. 157+00 TO STA. 163+00,
 CONST. 3

HANDRAIL - TYPE A-1
 RT. STA. 159+80 TO STA. 161+21,
 CONST. 141 L.F. ON RETAINING
 WALL

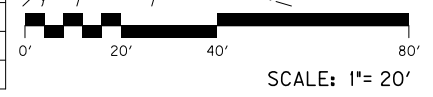
REMOVING PAVEMENT
 RT. STA. 162+84.94 TO
 STA. 163+00, REMOVE 14 S.Y.

**C.P.#10, CONC. MON. 26.77' RT.
 STA. 161+89.84, ELEV. 859.47**

RESIDENTIAL ENTRANCE
 RT. STA. 162+40 CONST. 12' ENTRANCE
 W/33 S.Y. CEM. CONC. ENT. PVMT. 8",
 8 TONS CSB, AND 3 TONS AS, 5 TONS
 AB, 10 TONS CSB (40 S.Y.)

CURB TO BARRIER WALL TRANSITIONS
 RT. STA. 160+35.01, CONST. 1
 RT. STA. 161+43.09, CONST. 1

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
RT. 160+30 TO 162+25	SPL. "V"	TRM 1	92 S.Y.
RT. 162+55 TO 163+00	SPL. "V"	E. B.	43 S.Y.

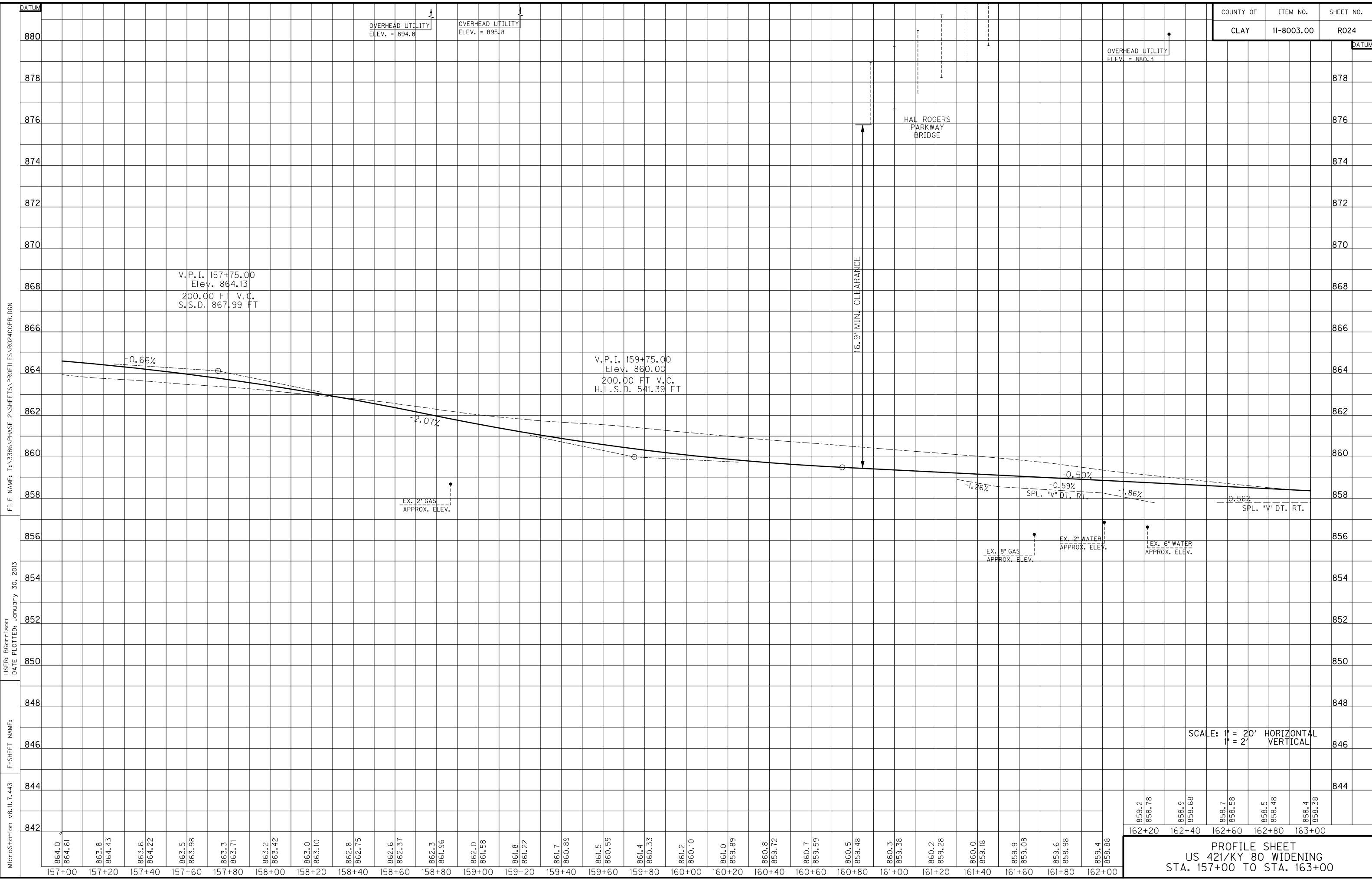


**PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 157+00 TO STA. 163+00**

FILE NAME: T:\3386 PHASE 2\ SHEETS\PLAN\R02300PL.DGN
 USER: Bcortison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

MATCHLINE STA. 157+00 - SEE SHEET NO. 21

MATCHLINE STA. 163+00 - SEE SHEET NO. 25



859.2	858.78	858.9	858.68	858.7	858.58	858.5	858.48	858.4	858.38
162+20	162+40	162+60	162+80	163+00					

PROFILE SHEET
 US 421/KY 80 WIDENING
 STA. 157+00 TO STA. 163+00

SAFELOADING
 LT. STA. 166+87, SAFELOAD 50
 L.F. OF 24" PIPE W/18 C.Y.

COMMERCIAL ENTRANCE
 LT. STA. 164+75 CONST. 24' ENTRANCE
 W/47 S.Y. CEM. CONC. ENT. PVMT. 8",
 11 TONS CSB, AND 5 TONS AS, 8 TONS
 AB, 24 TONS CSB (67 S.Y.)

STANDARD CURB AND GUTTER
 LT. STA. 163+00 TO STA. 169+00,
 CONST. 353 L.F.

CONSTRUCT 4" SIDEWALK
 LT. STA. 163+00 TO STA. 169+00,
 CONST. 248 S.Y. W/1-TYPE 3
 SIDEWALK RAMP. ALL SIDEWALKS
 AND RAMPS SHALL BE ADA
 COMPLIANT.

SODDING
 LT. STA. 163+00 TO STA. 169+00,
 CONST. 287 S.Y.

GARAGE

LT. STA. 165+00 CONST. 24' ENTRANCE
 W/47 S.Y. CEM. CONC. ENT. PVMT. 8",
 11 TONS CSB, AND 4 TONS AS, 6 TONS
 AB, 19 TONS CSB (53 S.Y.)

LT. STA. 166+08 CONST. 24' ENTRANCE
 W/62 S.Y. CEM. CONC. ENT. PVMT. 8",
 14 TONS CSB, AND 12 TONS AS, 20 TONS
 AB, 67 TONS CSB (181 S.Y.)

STANDARD HEADER CURB
 LT. STA. 164+43 TO STA.
 167+84.32, CONST. 199 L.F.

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
* LT. 163+89.56	4' F.B. OUTLET	CL. II	109 TONS

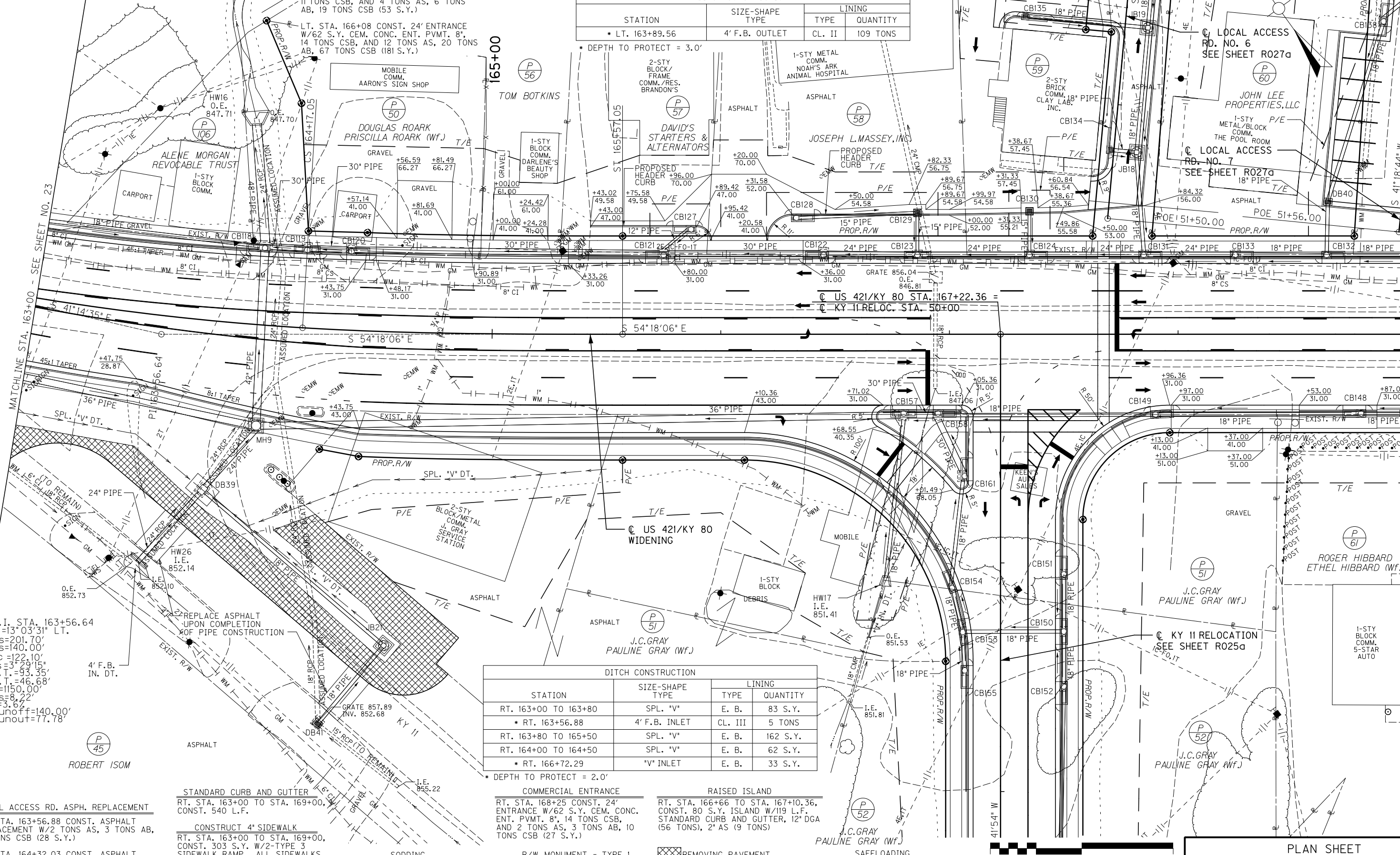
* DEPTH TO PROTECT = 3.0'

1-STY METAL COMM.
 NOAH'S ARK ANIMAL HOSPITAL

LOCAL ACCESS
 RD. NO. 6
 SEE SHEET R027a

JOHN LEE PROPERTIES, LLC

LOCAL ACCESS
 RD. NO. 7
 SEE SHEET R027a



FILE NAME: T:\3386 PHASE 2\ SHEETS\PLAN\R02500PL.DGN
 USER: Bcortison
 DATE PLOTTED: January 30, 2013

E-SHEET NAME:
 MicroStation v8.11.7.443

P.I. STA. 163+56.64
 $\Delta = 13^{\circ} 03' 31''$ LT.
 $T_s = 201.70'$
 $L_s = 140.00'$
 $L_c = 122.10'$
 $\theta = 3^{\circ} 29' 15''$
 $L_1 = 93.35'$
 $S_1 T_1 = 46.68'$
 $R = 1150.00'$
 $E_s = 8.22'$
 $O = 3.62'$
 Runoff = 140.00'
 Runout = 77.78'

LOCAL ACCESS RD. ASPH. REPLACEMENT
 RT. STA. 163+56.88 CONST. ASPHALT
 REPLACEMENT W/2 TONS AS, 3 TONS AB,
 10 TONS CSB (28 S.Y.)

CONSTRUCT 4" SIDEWALK
 RT. STA. 163+00 TO STA. 169+00,
 CONST. 303 S.Y. W/2-TYPE 3
 SIDEWALK RAMP. ALL SIDEWALKS
 AND RAMPS SHALL BE ADA
 COMPLIANT.

STANDARD CURB AND GUTTER
 RT. STA. 163+00 TO STA. 169+00,
 CONST. 540 L.F.

COMMERCIAL ENTRANCE
 RT. STA. 168+25 CONST. 24'
 ENTRANCE W/62 S.Y. CEM. CONC.
 ENT. PVMT. 8", 14 TONS CSB,
 AND 2 TONS AS, 3 TONS AB, 10
 TONS CSB (27 S.Y.)

SODDING
 RT. STA. 163+00 TO STA. 169+00,
 CONST. 274 S.Y.

R/W MONUMENT - TYPE I
 RT. STA. 163+00 TO STA. 169+00,
 CONST. 6

RAISED ISLAND
 RT. STA. 166+66 TO STA. 167+10.36,
 CONST. 80 S.Y. ISLAND W/119 L.F.
 STANDARD CURB AND GUTTER, 12" DGA
 (56 TONS), 2" AS (9 TONS)

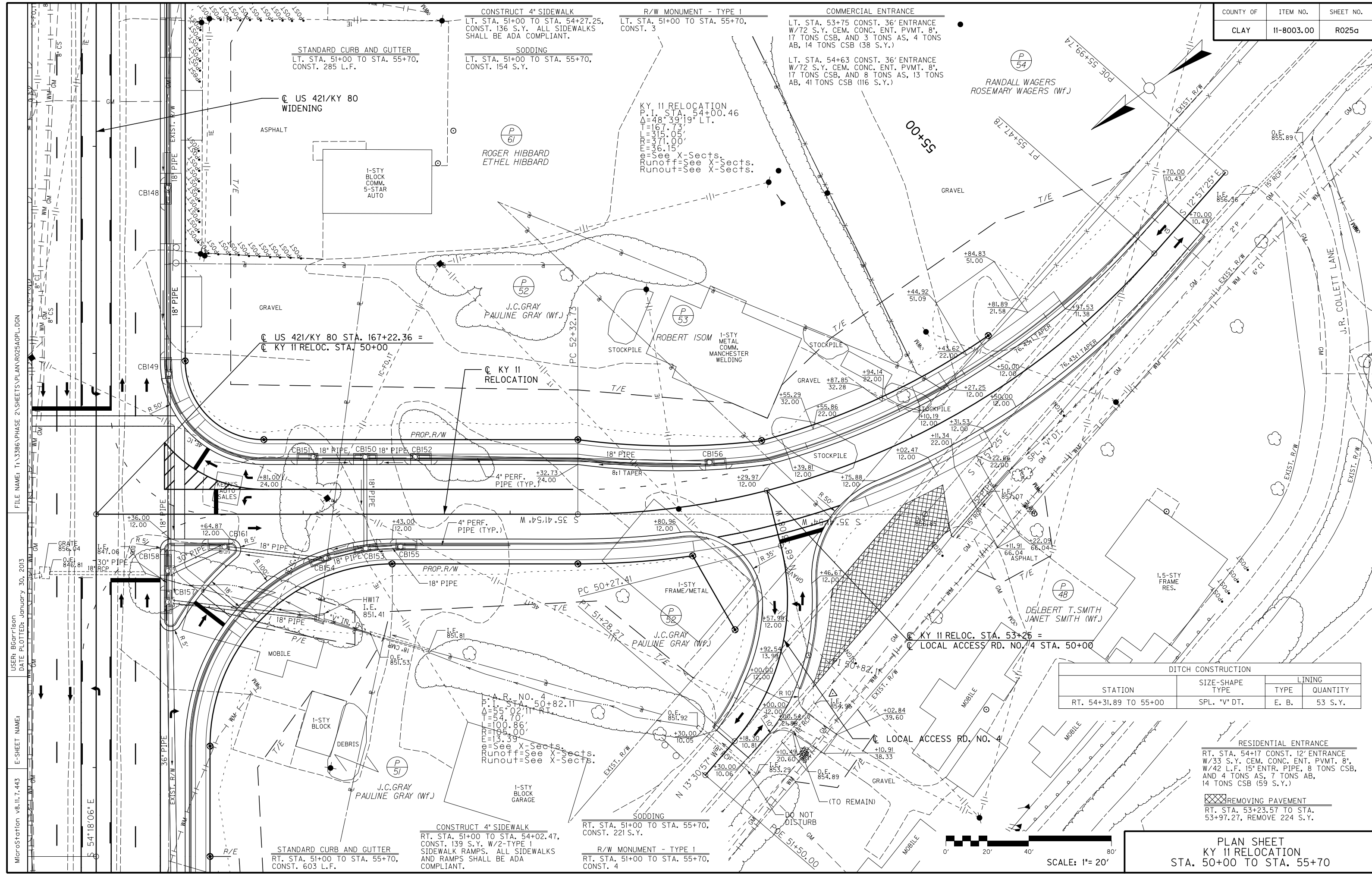
SAFELOADING
 RT. STA. 164+32, SAFELOAD 50
 L.F. OF 18" PIPE W/10 C.Y.

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
RT. 163+00 TO 163+80	SPL. "V"	E. B.	83 S.Y.
* RT. 163+56.88	4' F.B. INLET	CL. III	5 TONS
RT. 163+80 TO 165+50	SPL. "V"	E. B.	162 S.Y.
RT. 164+00 TO 164+50	SPL. "V"	E. B.	62 S.Y.
* RT. 166+72.29	"V" INLET	E. B.	33 S.Y.

* DEPTH TO PROTECT = 2.0'

PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 163+00 TO STA. 169+00

SCALE: 1" = 20'



FILE NAME: T:\3386 PHASE 2\SHEETS\PLAN\R025A0PL.DGN
 USER: Bcortison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

CONSTRUCT 4" SIDEWALK
 LT. STA. 51+00 TO STA. 54+27.25,
 CONST. 136 S.Y. ALL SIDEWALKS
 SHALL BE ADA COMPLIANT.

R/W MONUMENT - TYPE I
 LT. STA. 51+00 TO STA. 55+70,
 CONST. 3

COMMERCIAL ENTRANCE
 LT. STA. 53+75 CONST. 36' ENTRANCE
 W/72 S.Y. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 3 TONS AS, 4 TONS
 AB, 14 TONS CSB (38 S.Y.)

STANDARD CURB AND GUTTER
 LT. STA. 51+00 TO STA. 55+70,
 CONST. 285 L.F.

SODDING
 LT. STA. 51+00 TO STA. 55+70,
 CONST. 154 S.Y.

LT. STA. 54+63 CONST. 36' ENTRANCE
 W/72 S.Y. CEM. CONC. ENT. PVMT. 8",
 17 TONS CSB, AND 8 TONS AS, 13 TONS
 AB, 41 TONS CSB (116 S.Y.)

KY 11 RELOCATION
 P.I. STA. 54+00.46
 $\Delta=48^{\circ}39'19"$ LT.
 $T=167.73'$
 $L=315.05'$
 $R=371.00'$
 $E=36.15'$
 See X-Sects.
 Runoff=See X-Sects.
 Runout=See X-Sects.

US 421/KY 80
 WIDENING

US 421/KY 80 STA. 167+22.36 =
 KY 11 RELOC. STA. 50+00

KY 11
 RELOCATION

KY 11 RELOC. STA. 53+25 =
 LOCAL ACCESS RD. NO. 4 STA. 50+00

LOCAL ACCESS RD. NO. 4

STATION	DITCH CONSTRUCTION SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
RT. STA. 54+31.89 TO 55+00	SPL. "V" DT.	E. B.	53 S.Y.

RESIDENTIAL ENTRANCE
 RT. STA. 54+17 CONST. 12' ENTRANCE
 W/33 S.Y. CEM. CONC. ENT. PVMT. 8",
 W/42 L.F. 15" ENTR. PIPE, 8 TONS CSB,
 AND 4 TONS AS, 7 TONS AB,
 14 TONS CSB (59 S.Y.)

REMOVING PAVEMENT
 RT. STA. 53+23.57 TO STA.
 53+97.27, REMOVE 224 S.Y.

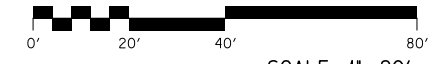
CONSTRUCT 4" SIDEWALK
 RT. STA. 51+00 TO STA. 54+02.47,
 CONST. 139 S.Y. W/2-TYPE I
 SIDEWALK RAMP. ALL SIDEWALKS
 AND RAMP SHALL BE ADA
 COMPLIANT.

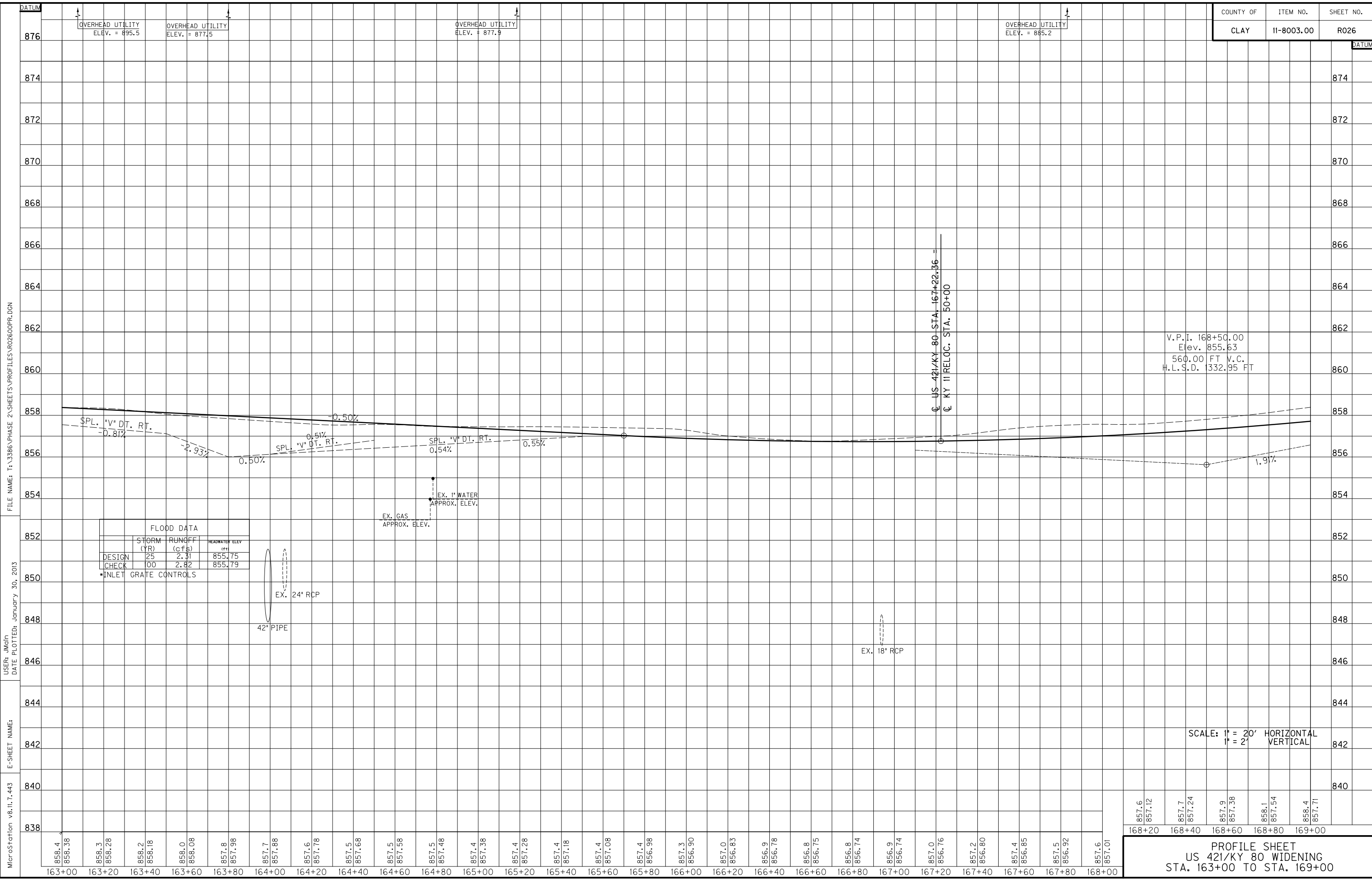
R/W MONUMENT - TYPE I
 RT. STA. 51+00 TO STA. 55+70,
 CONST. 4

STANDARD CURB AND GUTTER
 RT. STA. 51+00 TO STA. 55+70,
 CONST. 603 L.F.

PLAN SHEET
 KY 11 RELOCATION
 STA. 50+00 TO STA. 55+70

SCALE: 1"= 20'





FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN 25	2.31	855.75
CHECK 100	2.82	855.79

INLET GRATE CONTROLS

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

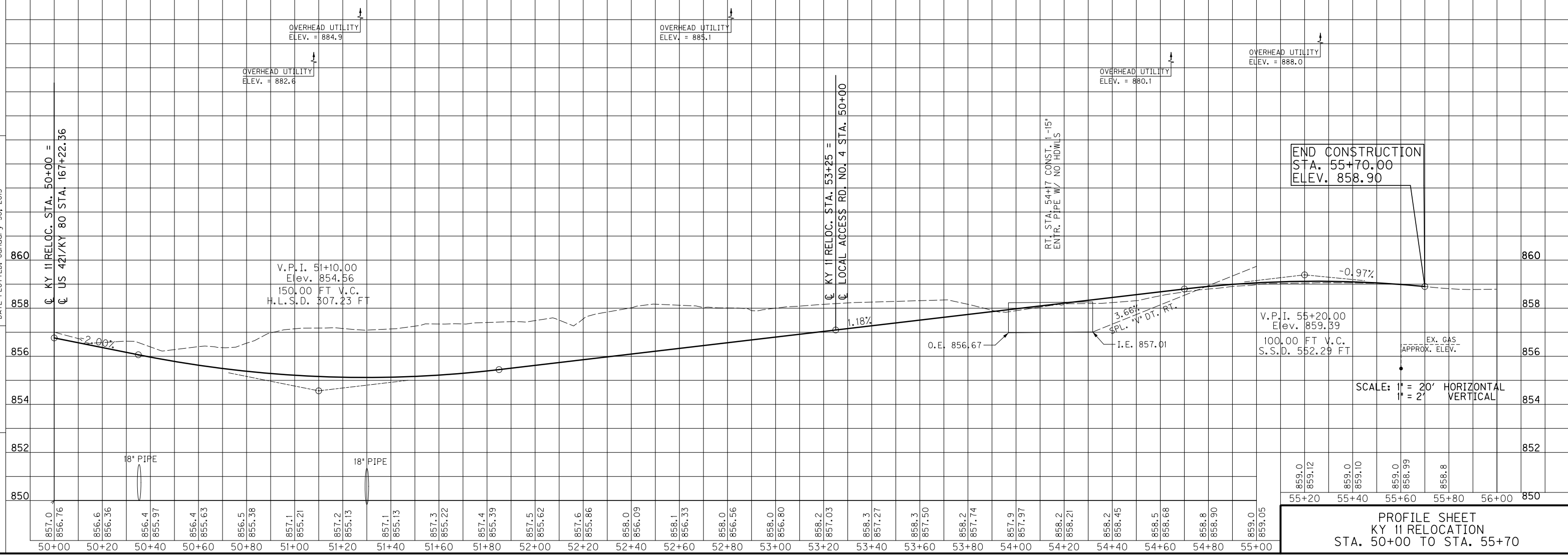
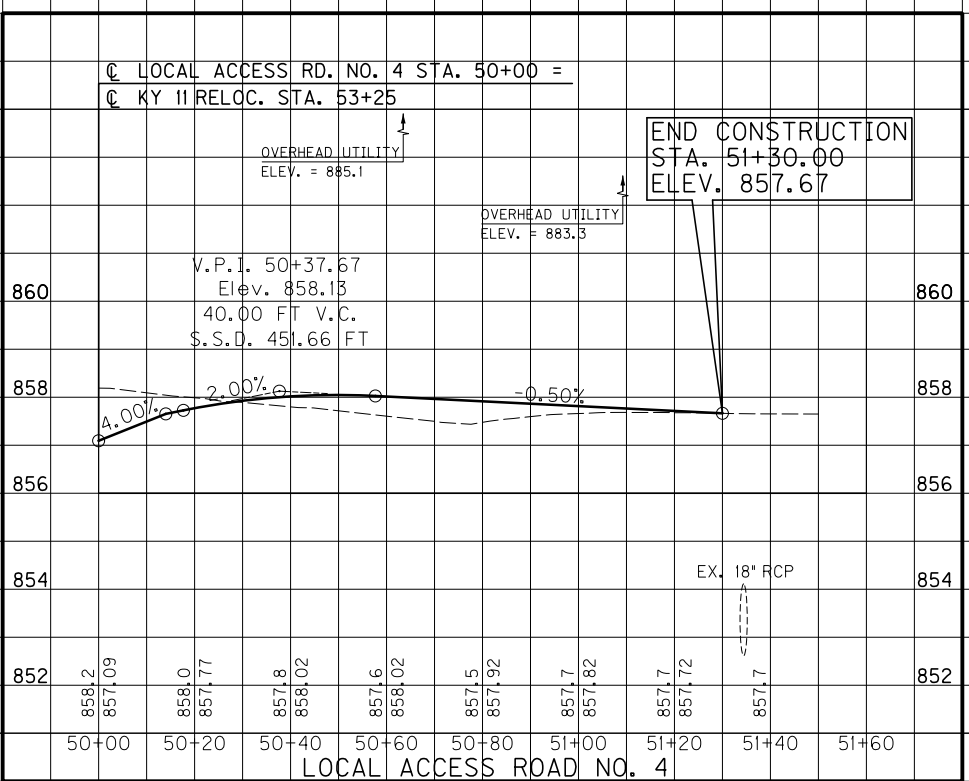
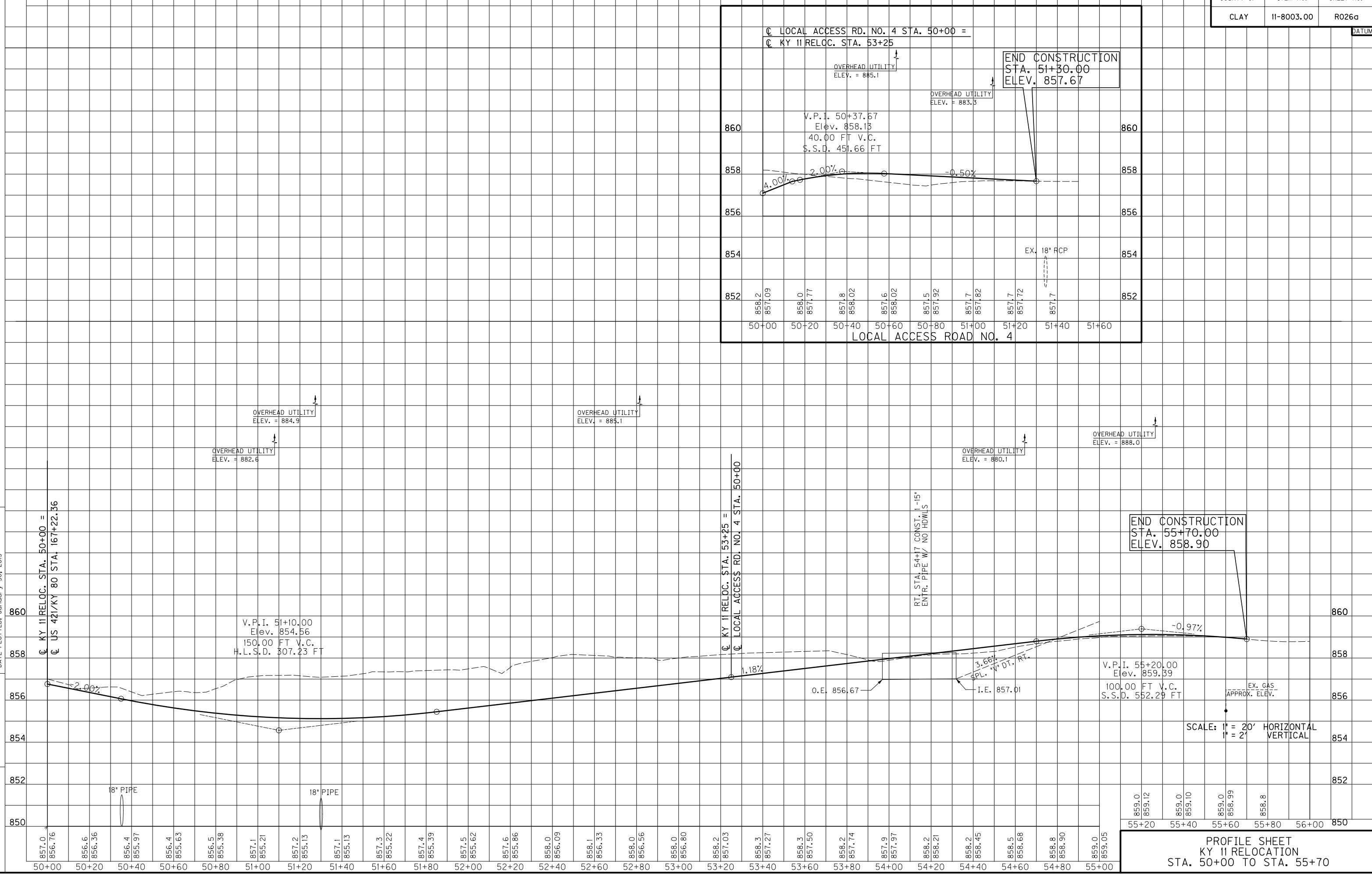
857.6	857.12	857.7	857.24	857.9	857.38	858.1	857.54	858.4	857.71
168+20	168+40	168+60	168+80	169+00					

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 163+00 TO STA. 169+00

MicroStation v8.11.7.443 E-SHEET NAME: USER: jmgm DATE PLOTTED: January 30, 2013 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\PRO2600PR.DGN

DATUM

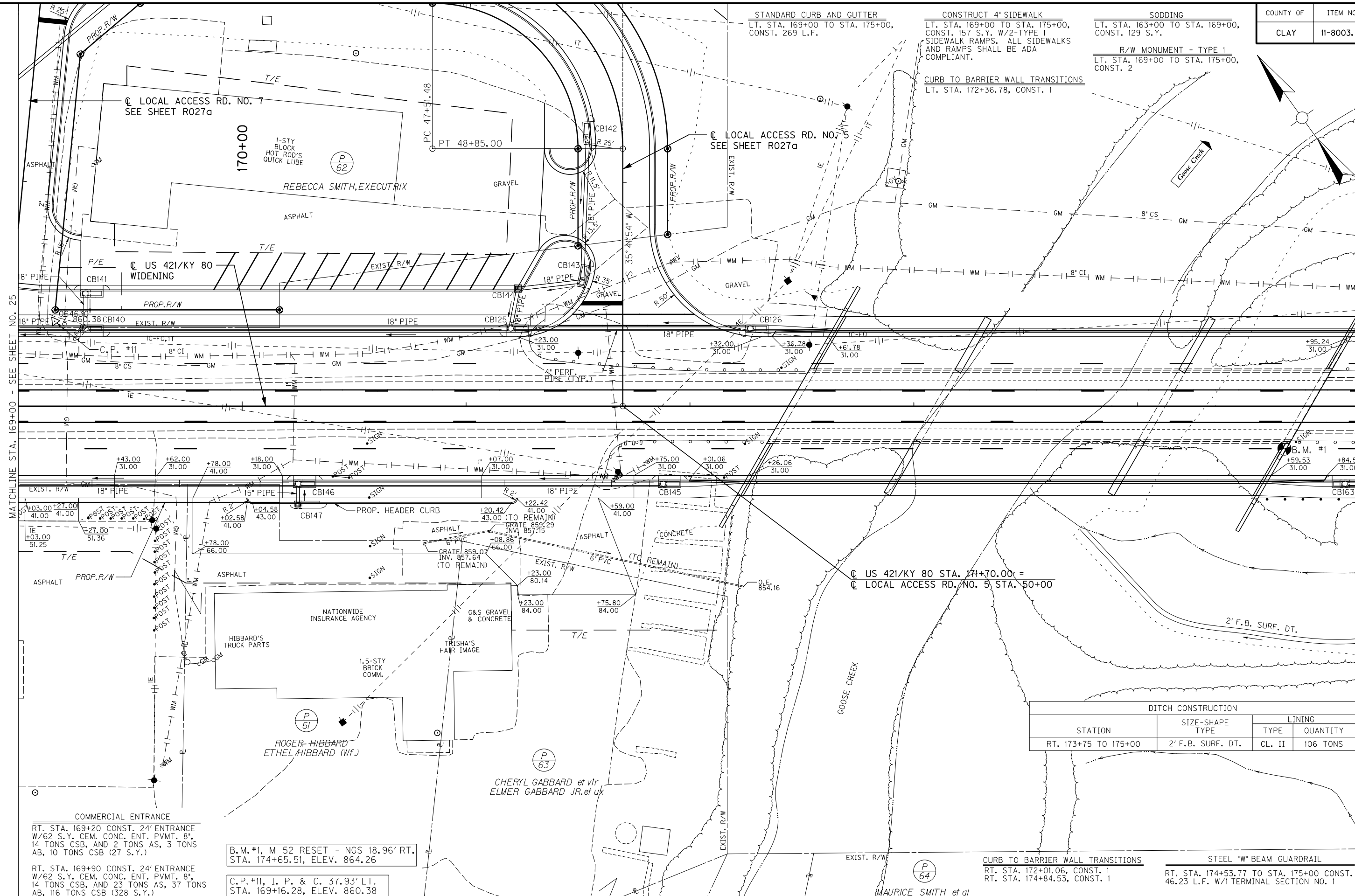
MicroStation v8.11.7.443 E-SHEET NAME: USER: DSNr0vbr DATE PLOTTED: January 30, 2013 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\RO26AOPR.DGN



SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

859.0	859.12	859.0	859.10	859.0	858.99	858.8
55+20	55+40	55+60	55+80	56+00	56+20	56+40

PROFILE SHEET
KY 11 RELOCATION
STA. 50+00 TO STA. 55+70



FILE NAME: T:\3386 PHASE 2\SHEETS\PLAN\R02700PL.DGN
 USER: JMGin
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

MATCHLINE STA. 169+00 - SEE SHEET NO. 25

MATCHLINE STA. 175+00 - SEE SHEET NO. 29

COMMERCIAL ENTRANCE
 RT. STA. 169+20 CONST. 24' ENTRANCE W/62 S.Y. CEM. CONC. ENT. PVMT. 8", 14 TONS CSB, AND 2 TONS AS, 3 TONS AB, 10 TONS CSB (27 S.Y.)
 RT. STA. 169+90 CONST. 24' ENTRANCE W/62 S.Y. CEM. CONC. ENT. PVMT. 8", 14 TONS CSB, AND 23 TONS AS, 37 TONS AB, 116 TONS CSB (328 S.Y.)
 RT. STA. 171+40 CONST. 36' ENTRANCE W/72 S.Y. CEM. CONC. ENT. PVMT. 8", 17 TONS CSB, AND 18 TONS AS, 29 TONS AB, 93 TONS CSB (263 S.Y.)

B.M. #1, M 52 RESET - NGS 18.96' RT. STA. 174+65.51, ELEV. 864.26
 C.P. #11, I. P. & C. 37.93' LT. STA. 169+16.28, ELEV. 860.38

STANDARD CURB AND GUTTER
 RT. STA. 169+00 TO STA. 175+00, CONST. 118 L.F.
STANDARD HEADER CURB
 RT. STA. 170+02.58 TO STA. 171+22.42, CONST. 122 L.F.
SODDING
 LT. STA. 169+00 TO STA. 175+00, CONST. 124 S.Y.

STANDARD CURB AND GUTTER
 LT. STA. 169+00 TO STA. 175+00, CONST. 269 L.F.

CONSTRUCT 4' SIDEWALK
 LT. STA. 169+00 TO STA. 175+00, CONST. 157 S.Y. W/2-TYPE 1 SIDEWALK RAMPS. ALL SIDEWALKS AND RAMPS SHALL BE ADA COMPLIANT.
CURB TO BARRIER WALL TRANSITIONS
 LT. STA. 172+36.78, CONST. 1

SODDING
 LT. STA. 163+00 TO STA. 169+00, CONST. 129 S.Y.

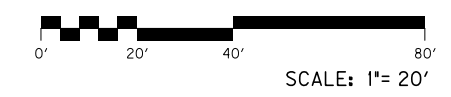
R/W MONUMENT - TYPE 1
 LT. STA. 169+00 TO STA. 175+00, CONST. 2

US 421/KY 80 STA. 171+70.00 =
 LOCAL ACCESS RD. NO. 5 STA. 50+00

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
RT. 173+75 TO 175+00	2' F.B. SURF. DT.	CL. II	106 TONS

CURB TO BARRIER WALL TRANSITIONS
 RT. STA. 172+01.06, CONST. 1
 RT. STA. 174+84.53, CONST. 1

STEEL "W" BEAM GUARDRAIL
 RT. STA. 174+53.77 TO STA. 175+00 CONST. 46.23 L.F. W/1 TERMINAL SECTION NO. 1



PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 169+00 TO STA. 175+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R027a

STANDARD CURB AND GUTTER
 LOCAL ACCESS RD. NO. 5
 RT. STA. 44+49.28 TO STA. 49+55,
 CONST. 882 L.F.

LOCAL ACCESS RD. NO. 6
 RT. STA. 49+50 TO STA. 51+50,
 CONST. 187 L.F.

STANDARD CURB AND GUTTER
 LOCAL ACCESS RD. NO. 5
 LT. STA. 44+49.28 TO STA. 49+55,
 CONST. 521 L.F.

SODDING
 LOCAL ACCESS RD. NO. 5
 LT. STA. 44+49.28 TO STA. 49+55,
 CONST. 116 S.Y.

R/W MONUMENT - TYPE 1A
 LOCAL ACCESS RD. NO. 5
 LT. STA. 44+49.28 TO STA. 49+55,
 CONST. 1

R/W MONUMENT - TYPE 1
 LOCAL ACCESS RD. NO. 5
 LT. STA. 44+49.28 TO STA. 49+55,
 CONST. 2

STANDARD HEADER CURB
 LOCAL ACCESS RD. NO. 5
 RT. STA. 44+49.28 TO STA. 49+55,
 CONST. 187 L.F.

CONSTRUCT 4" SIDEWALK
 LOCAL ACCESS RD. NO. 5
 RT. STA. 44+49.28 TO STA. 49+55,
 CONST. 53 S.Y. ALL SIDEWALKS
 SHALL BE ADA COMPLIANT.

LOCAL ACCESS RD. NO. 6
 RT. STA. 49+50 TO STA. 51+50,
 CONST. 59 S.Y. ALL SIDEWALKS
 SHALL BE ADA COMPLIANT.

R/W MONUMENT - TYPE 1
 LOCAL ACCESS RD. NO. 5
 RT. STA. 44+49.28 TO STA.
 49+55, CONST. 8

LOCAL ACCESS RD. NO. 6
 RT. STA. 49+50 TO STA. 51+50,
 CONST. 5

SODDING
 LOCAL ACCESS RD. NO. 6
 RT. STA. 49+50 TO STA. 51+50,
 CONST. 25 S.Y.

1-STY METAL
 COMM.
 NOAH'S ARK
 ANIMAL HOSPITAL

ASPHALT

JOSEPH L. MASSEY INC.

P/E

P/E

P/E

P/E

P/E

P/E

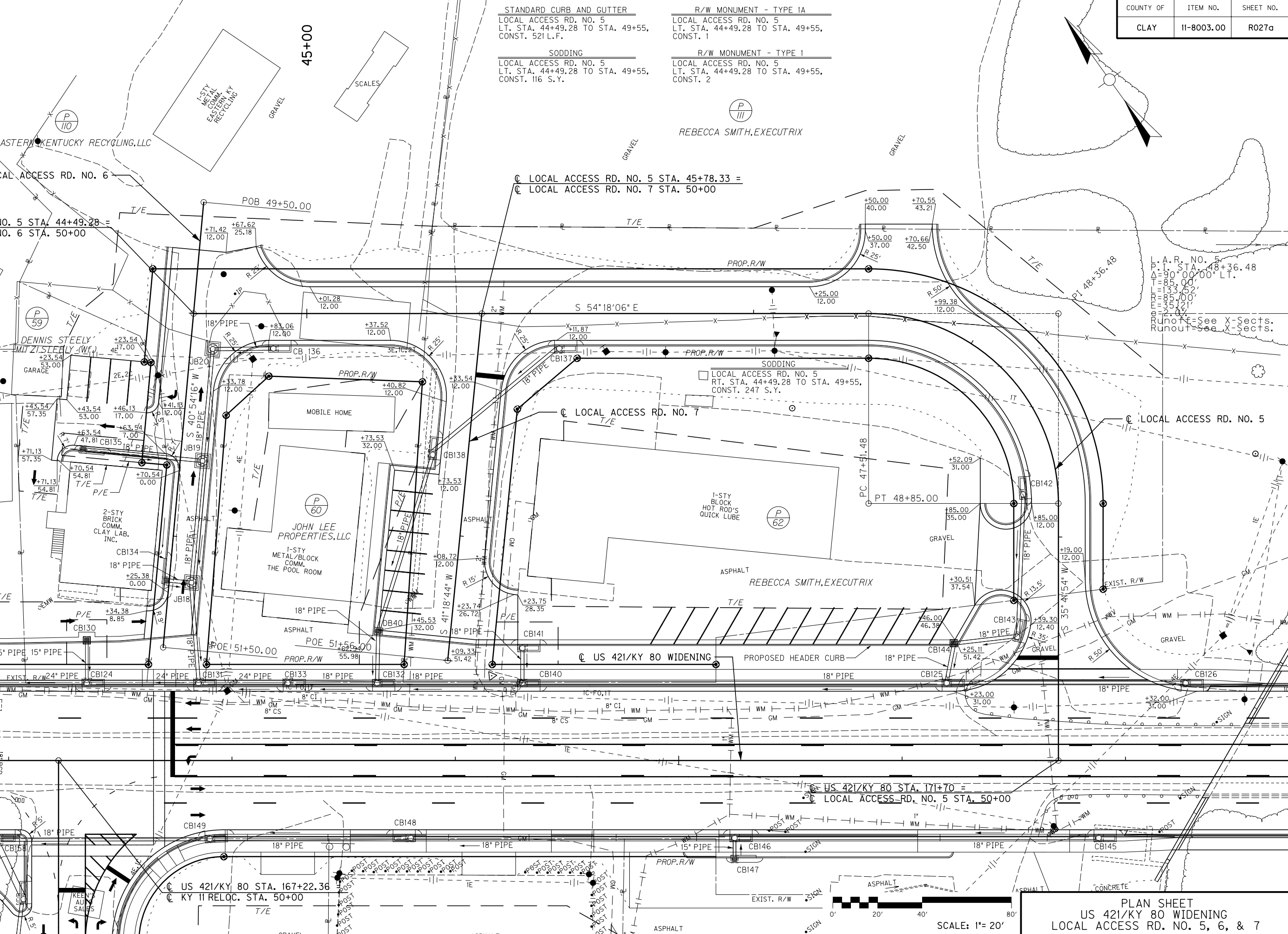
P/E

P/E

P/E

P/E

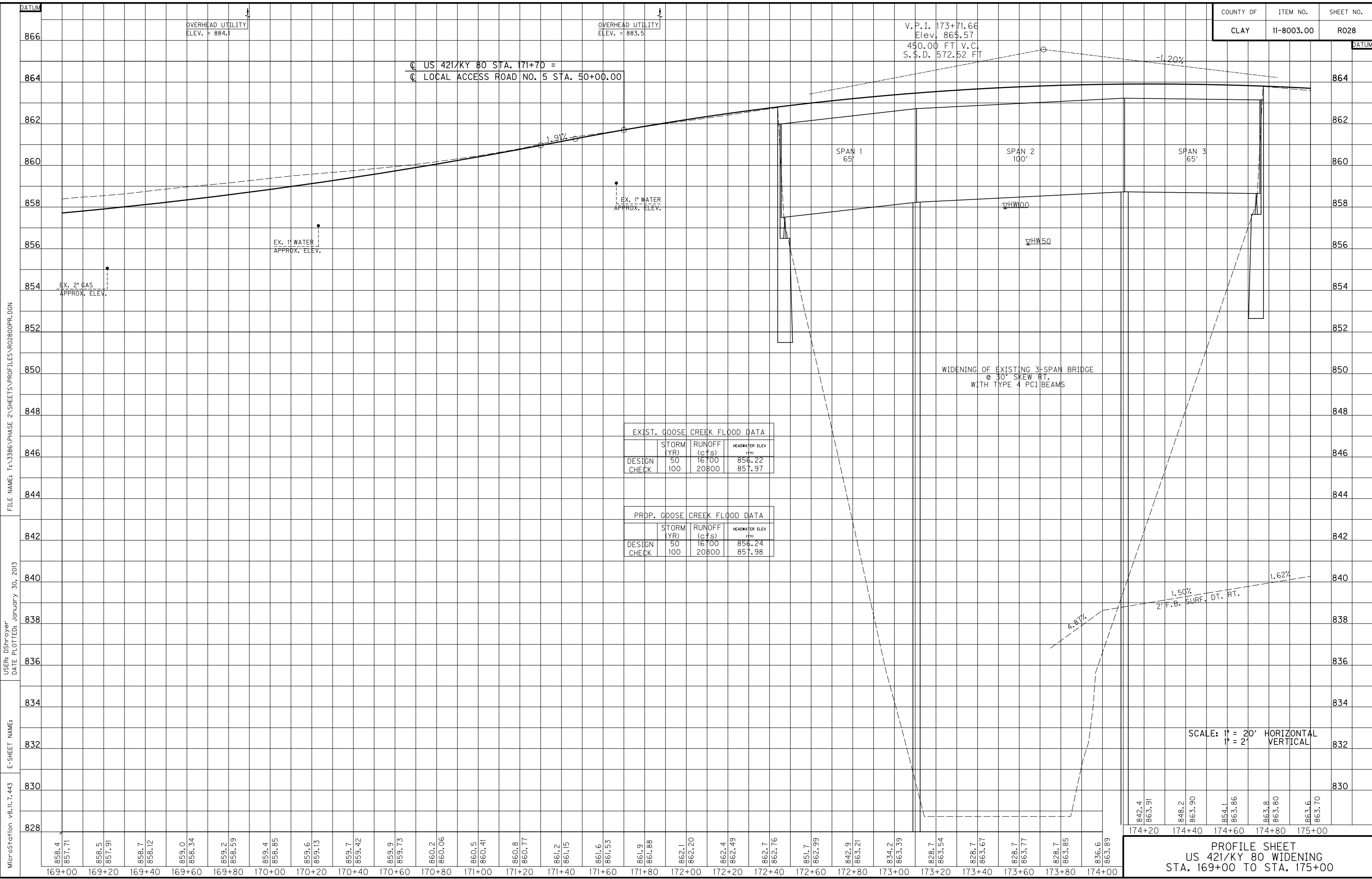
P/E



P.L. A.R. NO. 5
 P.L. STA. 48+36.48
 $\Delta = 90^{\circ} 00' 00''$ LT.
 $T = 85.00'$
 $L = 33.65'$
 $R = 35.70'$
 $E = 25.12'$
 $E = 2.05'$
 Runoff - See X-Sects.
 Runout - See X-Sects.

PLAN SHEET
 US 421/KY 80 WIDENING
 LOCAL ACCESS RD. NO. 5, 6, & 7

FILE NAME: T:\3386 PHASE 2\SHEETS\PLAN\R027A0PL.DGN
 USER: AChadwell
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443



@ US 421/KY 80 STA. 171+70 =
 @ LOCAL ACCESS ROAD NO. 5 STA. 50+00.00

V.P.I. 173+71.66
 Elev. 865.57
 450.00 FT V.C.
 S.S.D. 572.52 FT

OVERHEAD UTILITY
 ELEV. = 884.1

OVERHEAD UTILITY
 ELEV. = 883.5

EX. 2" GAS
 APPROX. ELEV.

EX. 1" WATER
 APPROX. ELEV.

EX. 1" WATER
 APPROX. ELEV.

EXIST. GOOSE CREEK FLOOD DATA			
	STORM (YR)	RUNOFF (CFS)	HEADWATER ELEV (FT)
DESIGN	50	16700	856.22
CHECK	100	20800	857.97

PRDP. GOOSE CREEK FLOOD DATA			
	STORM (YR)	RUNOFF (CFS)	HEADWATER ELEV (FT)
DESIGN	50	16700	856.24
CHECK	100	20800	857.98

WIDENING OF EXISTING 3-SPAN BRIDGE
 @ 30° SKEW RT.
 WITH TYPE 4 PCI BEAMS

1.50%
 2" F.B. SURF. DT. RT.

4.87%

1.62%

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

842.4	848.2	854.1	863.8	863.6
863.91	863.90	863.86	863.80	863.70

PROFILE SHEET
 US 421/KY 80 WIDENING
 STA. 169+00 TO STA. 175+00

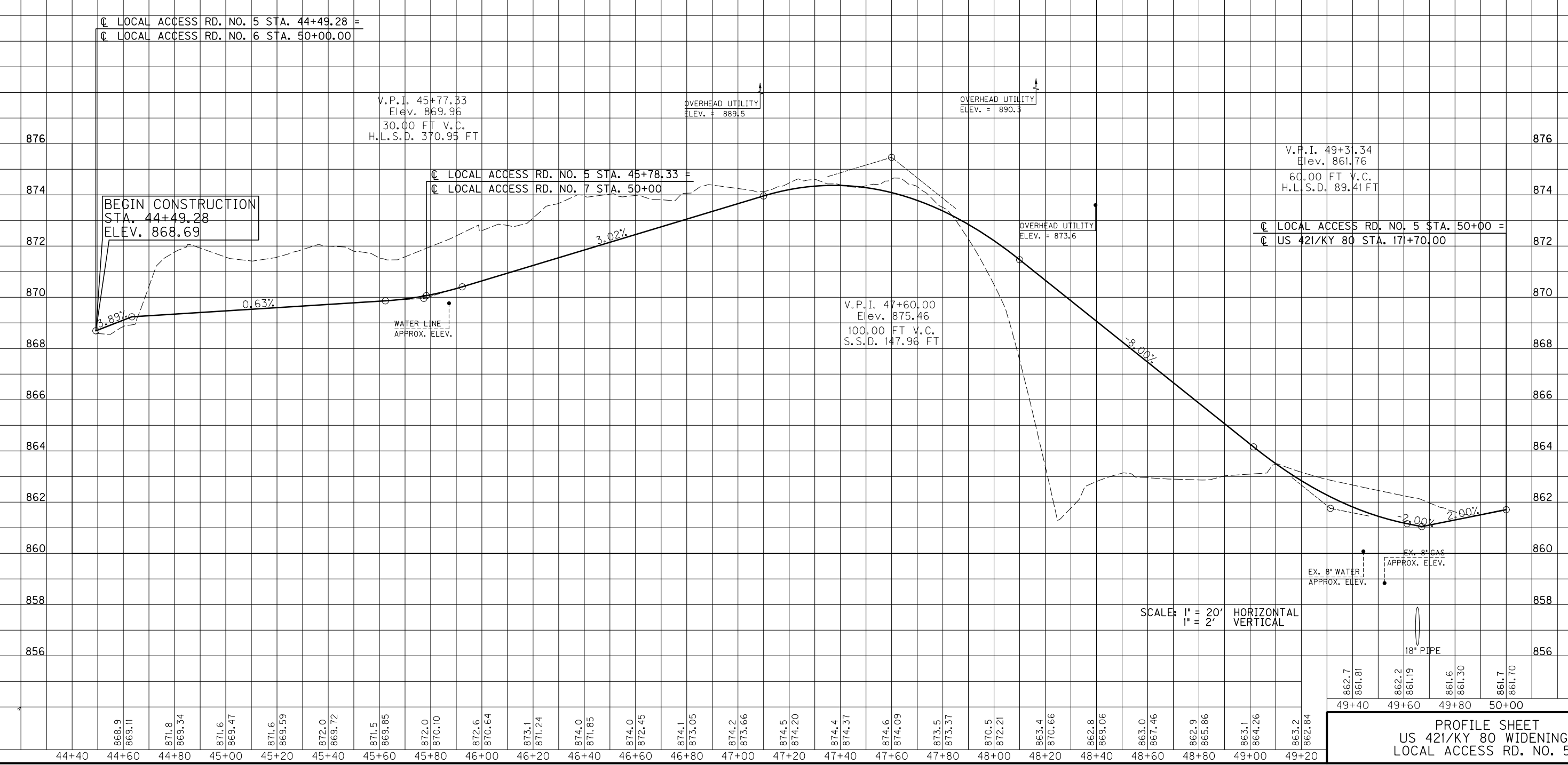
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USER: DShoyer
 DATE PLOTTED: January 30, 2013

E-SHEET NAME:

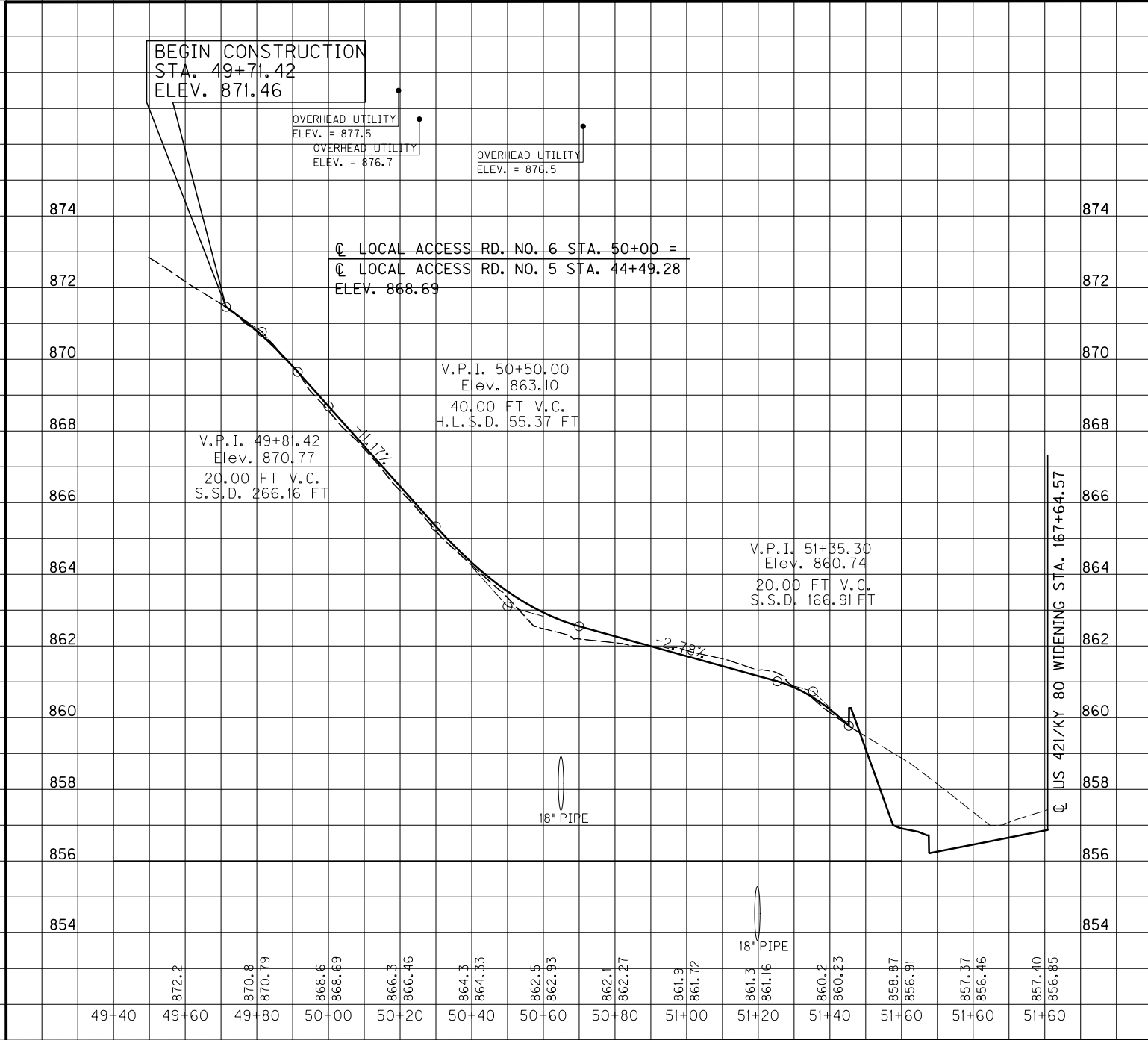
MicroStation v8.11.7.443

FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R028A0PR.DGN
 USER: BCartison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443



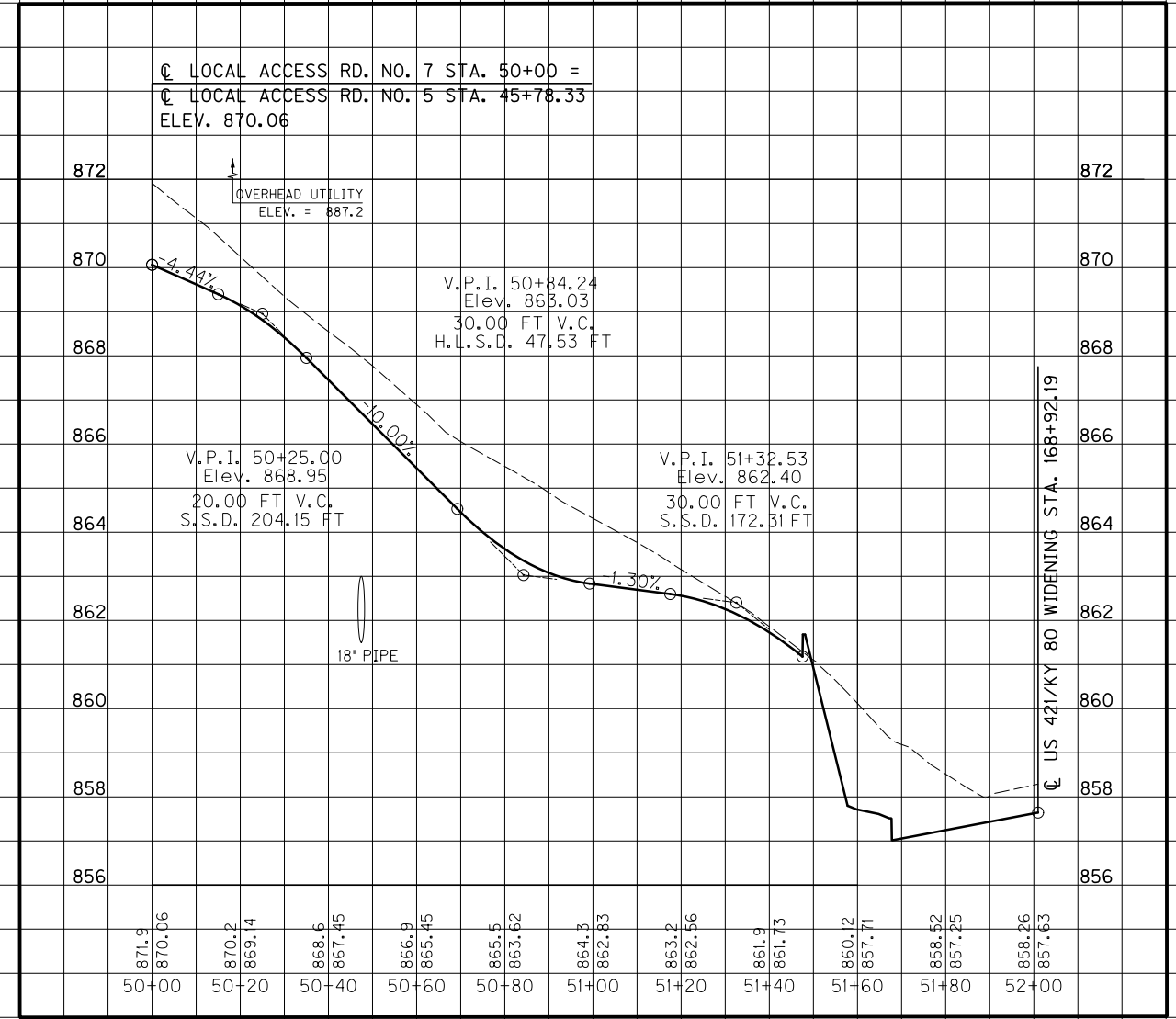
PROFILE SHEET
 US 421/KY 80 WIDENING
 LOCAL ACCESS RD. NO. 5

MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: BCartlison
 DATE PLOTTED: January 30, 2013
 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\RO28B0PR.DGN



49+40	49+60	49+80	50+00	50+20	50+40	50+60	50+80	51+00	51+20	51+40	51+60	51+60
872.2	870.8	870.79	868.6	868.69	866.3	866.46	864.3	864.33	862.5	862.93	862.1	862.27
									861.9	861.72	861.3	861.16
									860.2	860.23	858.87	856.91
									857.37	856.46	857.40	856.85

LOCAL ACCESS ROAD NO. 6



50+00	50+20	50+40	50+60	50+80	51+00	51+20	51+40	51+60	51+80	52+00
871.9	870.06	870.2	869.4	868.5	867.45	866.9	865.45	865.5	863.62	864.3
										862.83
										863.2
										862.56
										861.9
										861.73
										860.12
										857.71
										858.52
										857.25
										858.26
										857.63

LOCAL ACCESS ROAD NO. 7

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
 LOCAL ACCESS RD. NO. 6
 LOCAL ACCESS RD. NO. 7

STANDARD CURB AND GUTTER
LT. STA. 175+00 TO STA. 181+00,
CONST. 504 L.F.

STANDARD HEADER CURB
LT. STA. 177+00.60 TO KY 1999
RELOC. STA. 49+00, CONST. 293 L.F.

CONSTRUCT 4" SIDEWALK
LT. STA. 175+00 TO STA. 181+00,
CONST. 321 S.Y. W/2-TYPE 3
SIDEWALK RAMPS. ALL SIDEWALKS
AND RAMPS SHALL BE ADA
COMPLIANT.

SODDING
LT. STA. 175+00 TO STA. 181+00,
CONST. 315 S.Y.

R/W MONUMENT - TYPE 1
LT. STA. 175+00 TO STA. 181+00,
CONST. 2

R/W MONUMENT - TYPE 1A
LT. STA. 175+00 TO STA. 181+00,
CONST. 2

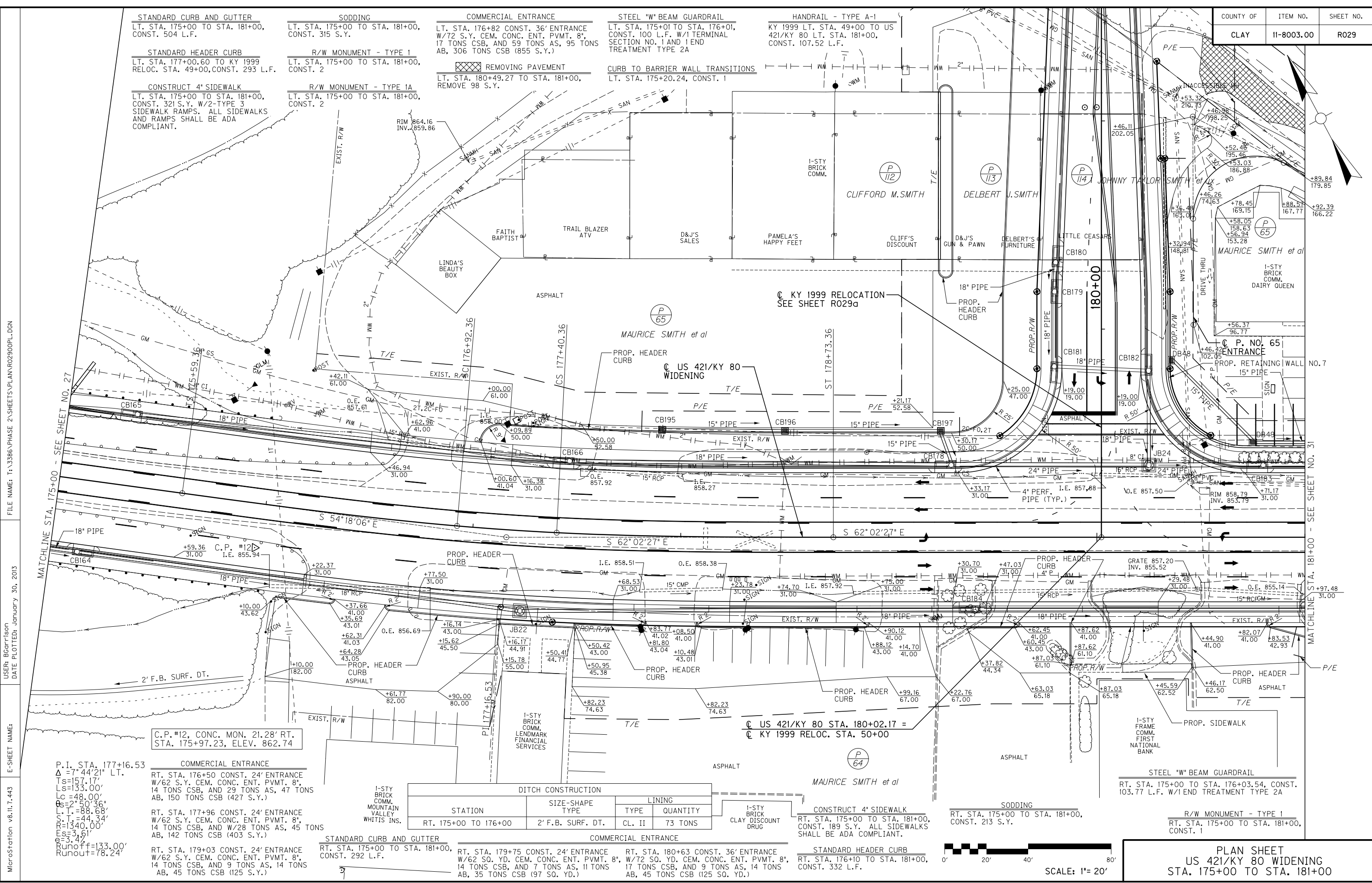
COMMERCIAL ENTRANCE
LT. STA. 176+82 CONST. 36' ENTRANCE
W/72 S.Y. CEM. CONC. ENT. PVMT. 8',
17 TONS CSB, AND 59 TONS AS, 95 TONS
AB, 306 TONS CSB (855 S.Y.)

REMOVING PAVEMENT
LT. STA. 180+49.27 TO STA. 181+00,
REMOVE 98 S.Y.

STEEL "W" BEAM GUARDRAIL
LT. STA. 175+01 TO STA. 176+01,
CONST. 100 L.F. W/1 TERMINAL
SECTION NO. 1 AND 1 END
TREATMENT TYPE 2A

CURB TO BARRIER WALL TRANSITIONS
LT. STA. 175+20.24, CONST. 1

HANDRAIL - TYPE A-1
KY 1999 LT. STA. 49+00 TO US
421/KY 80 LT. STA. 181+00,
CONST. 107.52 L.F.



FILE NAME: T:\3386 PHASE 2\SHEETS\PLAN\R02900PL.DGN
 USER: BCartlison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

P.I. STA. 177+16.53
 $\Delta = 7^{\circ}44'21''$ LT.
 $T_s = 157.17'$
 $L_s = 133.00'$
 $L_c = 48.00'$
 $O_s = 250.36'$
 $L_1 = 88.68'$
 $L_2 = 44.34'$
 $E_s = 1340.00'$
 $E_1 = 3.61'$
 $E_2 = 3.42'$
 $Runoff = 133.00'$
 $Runout = 78.24'$

COMMERCIAL ENTRANCE
RT. STA. 176+50 CONST. 24' ENTRANCE
W/62 S.Y. CEM. CONC. ENT. PVMT. 8',
14 TONS CSB, AND 29 TONS AS, 47 TONS
AB, 150 TONS CSB (427 S.Y.)

COMMERCIAL ENTRANCE
RT. STA. 177+96 CONST. 24' ENTRANCE
W/62 S.Y. CEM. CONC. ENT. PVMT. 8',
14 TONS CSB, AND W/28 TONS AS, 45 TONS
AB, 142 TONS CSB (403 S.Y.)

COMMERCIAL ENTRANCE
RT. STA. 179+03 CONST. 24' ENTRANCE
W/62 S.Y. CEM. CONC. ENT. PVMT. 8',
14 TONS CSB, AND 9 TONS AS, 14 TONS
AB, 45 TONS CSB (125 S.Y.)

STANDARD CURB AND GUTTER
RT. STA. 175+00 TO STA. 181+00,
CONST. 292 L.F.

COMMERCIAL ENTRANCE
RT. STA. 179+75 CONST. 24' ENTRANCE
W/62 SQ. YD. CEM. CONC. ENT. PVMT. 8',
14 TONS CSB, AND 7 TONS AS, 11 TONS
AB, 35 TONS CSB (97 SQ. YD.)

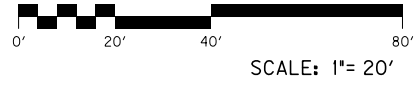
COMMERCIAL ENTRANCE
RT. STA. 180+63 CONST. 36' ENTRANCE
W/72 SQ. YD. CEM. CONC. ENT. PVMT. 8',
17 TONS CSB, AND 9 TONS AS, 14 TONS
AB, 45 TONS CSB (125 SQ. YD.)

STANDARD HEADER CURB
RT. STA. 176+10 TO STA. 181+00,
CONST. 332 L.F.

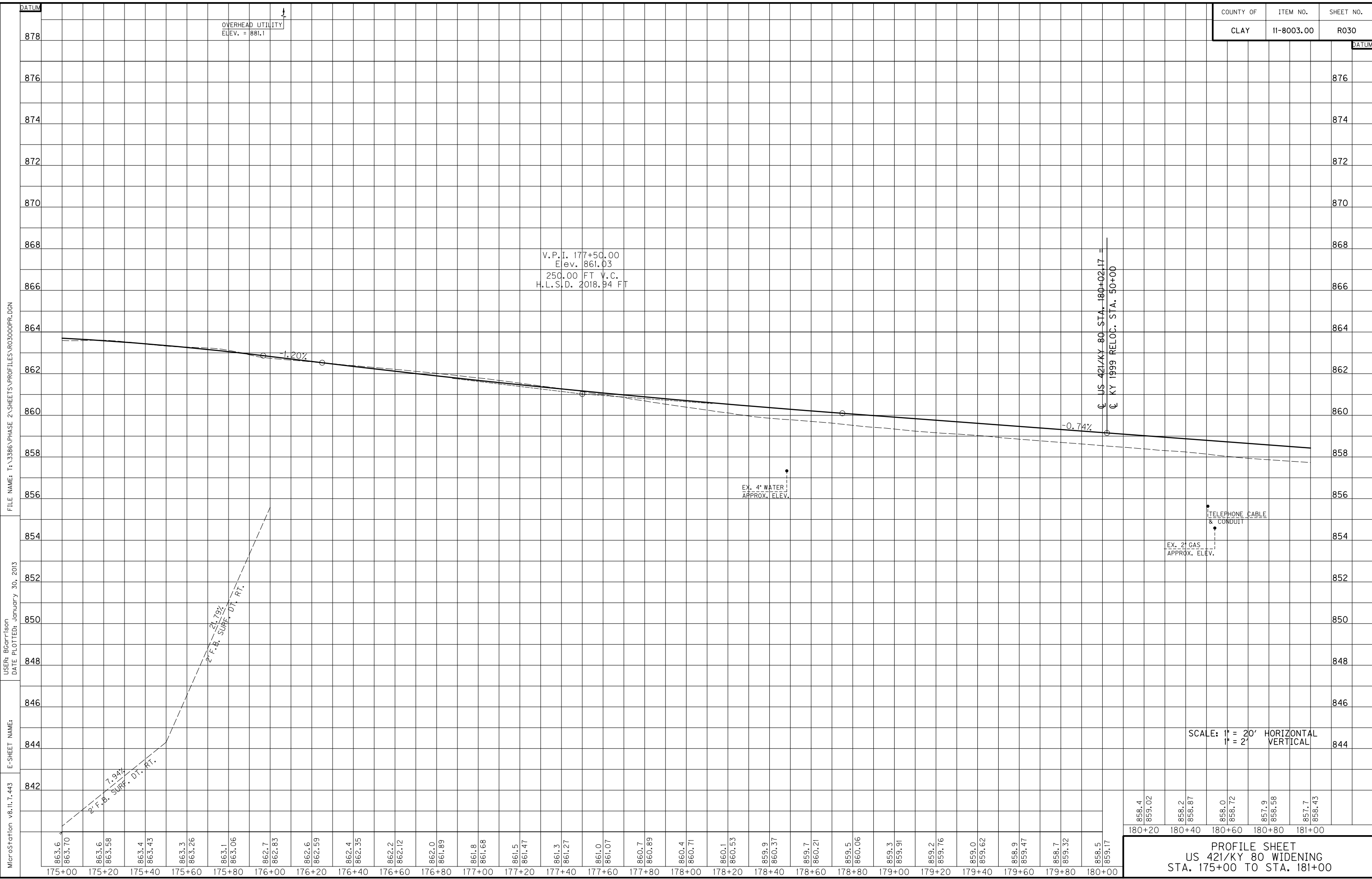
SODDING
RT. STA. 175+00 TO STA. 181+00,
CONST. 213 S.Y.

R/W MONUMENT - TYPE 1
RT. STA. 175+00 TO STA. 181+00,
CONST. 1

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
RT. 175+00 TO 176+00	2' F.B. SURF. DT.	CL. II	73 TONS



PLAN SHEET
US 421/KY 80 WIDENING
STA. 175+00 TO STA. 181+00



MicroStation v8.11.7.443 E-SHEET NAME: USER: BCartlison DATE PLOTTED: January 30, 2013 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\PRO3000PR.DGN

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

858.4	859.02	858.2	858.87	856.0	856.72	857.9	858.58	857.7	858.43
180+20	180+40	180+60	180+80	181+00					

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 175+00 TO STA. 181+00

OVERHEAD UTILITY
ELEV. = 881.1

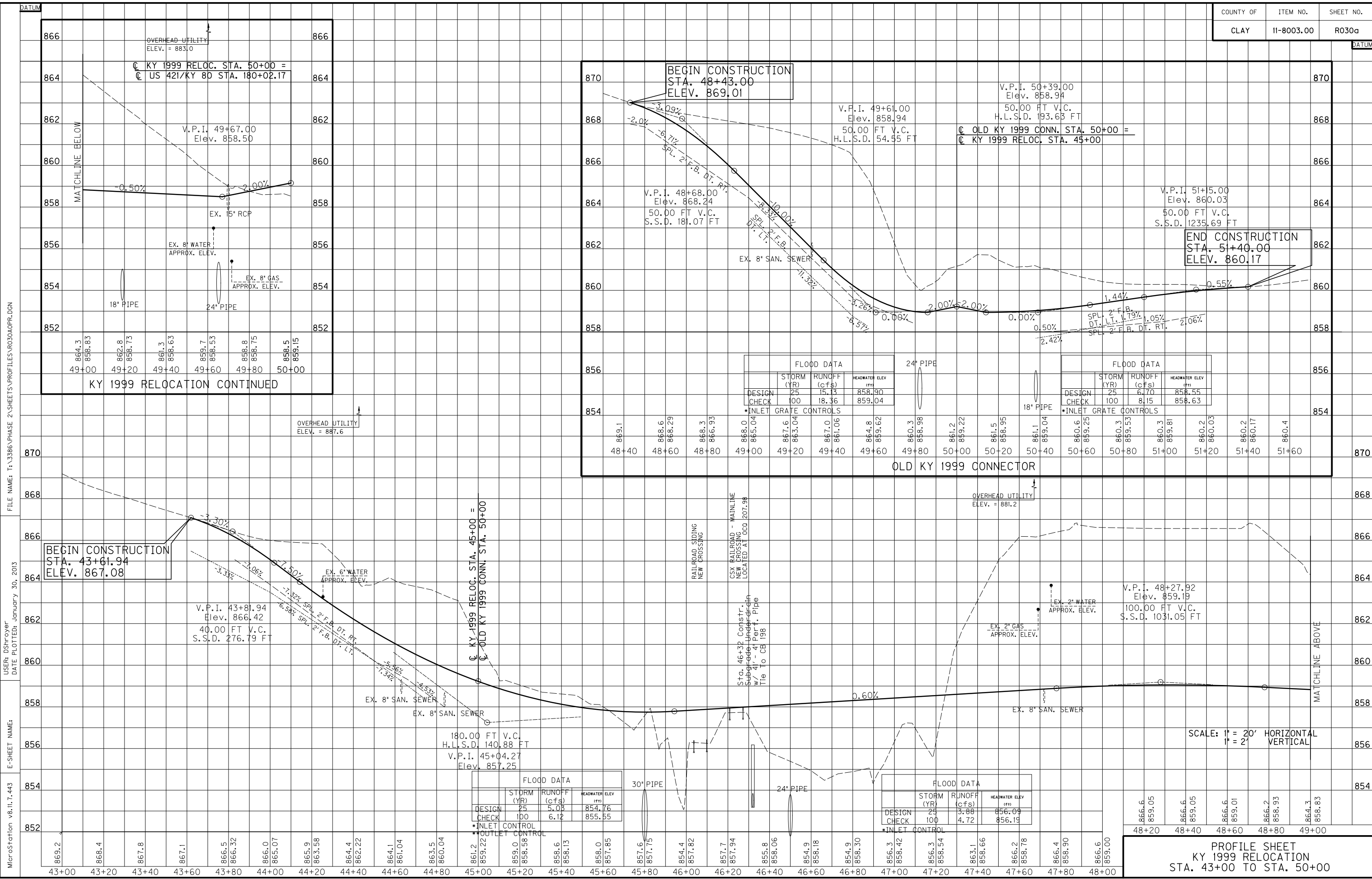
V.P.I. 177+50.00
Elev. 861.03
250.00 FT V.C.
H.L.S.D. 2018.94 FT

EX. 4" WATER
APPROX. ELEV.

EX. 2" GAS
APPROX. ELEV.

TELEPHONE CABLE
& CONDUIT

US 421/KY 80 STA. 180+02.17 =
KY 1999 RELOC. STA. 50+00



KY 1999 RELOCATION CONTINUED

OLD KY 1999 CONNECTOR

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
KY 1999 RELOCATION
STA. 43+00 TO STA. 50+00

MicroStation v8.11.7.443 E-SHEET NAME: USER: DSHover DATE PLOTTED: January 30, 2013 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R030A.DGN

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN 25	5.08	854.76
CHECK 100	6.12	855.55

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN 25	15.13	858.90
CHECK 100	18.36	859.04

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN 25	6.70	858.55
CHECK 100	8.15	858.63

859.05	859.05	859.01	858.93	858.83
48+20	48+40	48+60	48+80	49+00

STANDARD CURB AND GUTTER
LT. STA. 181+00 TO STA. 187+00,
CONST. 484 L.F.

CONSTRUCT 4' SIDEWALK
LT. STA. 181+00 TO STA. 187+00,
CONST. 277 S.Y. W/2-TYPE 1
SIDEWALK RAMPS. ALL SIDEWALKS
AND RAMPS SHALL BE ADA
COMPLIANT. RAILROAD CROSSING
WITHIN PEDESTRIAN PATH SHALL
HAVE A MAXIMUM FLANGEWAY GAP
OF 2 1/2'.

SODDING
LT. STA. 181+00 TO STA. 187+00,
CONST. 434 S.Y.

COMMERCIAL ENTRANCE
LT. STA. 182+31 CONST. 36' ENTRANCE
W/72 S.Y. CEM. CONC. ENT. PVMT. 8',
17 TONS CSB, AND 38 TONS AS, 61 TONS
AB, 195 TONS CSB (548 S.Y.)
W/ 95 TONS AS (1385 S.Y. OVERLAY)

HANDRAIL - TYPE A-1
LT. STA. 181+00 TO STA. 181+97,
CONST. 97 L.F. ON RETAINING
WALL

STEEL 'W' BEAM GUARDRAIL
LT. STA. 183+95 TO STA. 185+30, CONST.
25 L.F. W/2 END TREATMENT TYPE 2A

STANDARD HEADER CURB
LT. STA. 181+03.84 TO STA.
187+06.42, CONST. 202 L.F.

R/W MONUMENT - TYPE 1
LT. STA. 181+00 TO STA. 187+00,
CONST. 1

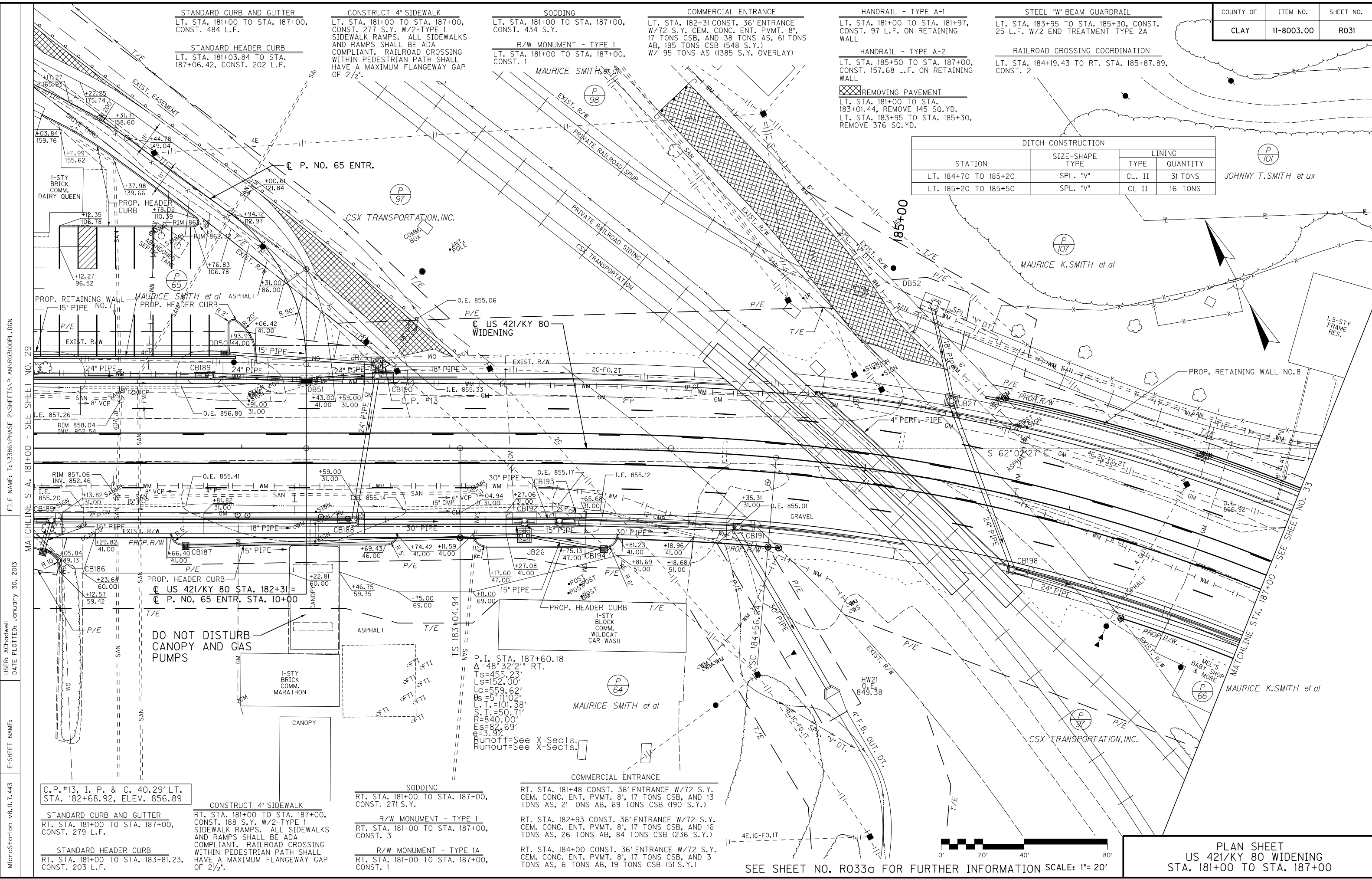
HANDRAIL - TYPE A-2
LT. STA. 185+50 TO STA. 187+00,
CONST. 157.68 L.F. ON RETAINING
WALL

RAILROAD CROSSING COORDINATION
LT. STA. 184+19.43 TO RT. STA. 185+87.89,
CONST. 2

REMOVING PAVEMENT
LT. STA. 181+00 TO STA.
183+01.44, REMOVE 145 SQ.YD.
LT. STA. 183+95 TO STA. 185+30,
REMOVE 376 SQ.YD.

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 184+70 TO 185+20	SPL. 'V'	CL. II	31 TONS
LT. 185+20 TO 185+50	SPL. 'V'	CL. II	16 TONS

JOHNNY T. SMITH et ux



FILE NAME: T:\3386 PHASE 2 SHEETS\PLAN\R03100PL.DGN
 USER: AChocwell
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

C.P.#13, I. P. & C. 40.29' LT.
STA. 182+68.92, ELEV. 856.89

STANDARD CURB AND GUTTER
RT. STA. 181+00 TO STA. 187+00,
CONST. 279 L.F.

STANDARD HEADER CURB
RT. STA. 181+00 TO STA. 183+81.23,
CONST. 203 L.F.

CONSTRUCT 4' SIDEWALK
RT. STA. 181+00 TO STA. 187+00,
CONST. 188 S.Y. W/2-TYPE 1
SIDEWALK RAMPS. ALL SIDEWALKS
AND RAMPS SHALL BE ADA
COMPLIANT. RAILROAD CROSSING
WITHIN PEDESTRIAN PATH SHALL
HAVE A MAXIMUM FLANGEWAY GAP
OF 2 1/2'.

SODDING
RT. STA. 181+00 TO STA. 187+00,
CONST. 271 S.Y.

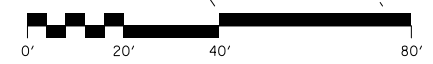
R/W MONUMENT - TYPE 1
RT. STA. 181+00 TO STA. 187+00,
CONST. 3

R/W MONUMENT - TYPE 1A
RT. STA. 181+00 TO STA. 187+00,
CONST. 1

COMMERCIAL ENTRANCE
RT. STA. 181+48 CONST. 36' ENTRANCE
W/72 S.Y. CEM. CONC. ENT. PVMT. 8',
17 TONS CSB, AND 13 TONS AS,
21 TONS AB, 69 TONS CSB (190 S.Y.)

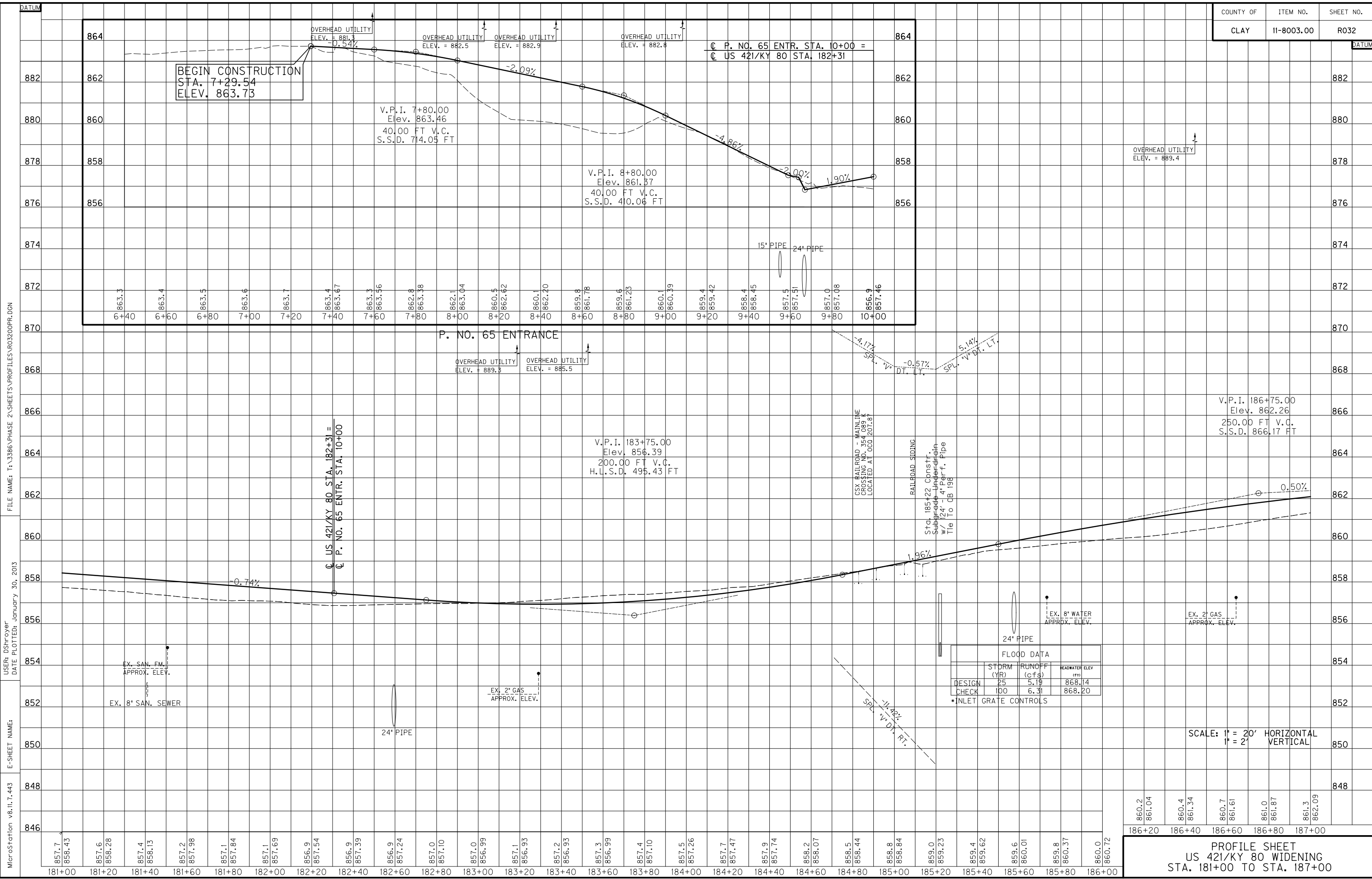
COMMERCIAL ENTRANCE
RT. STA. 182+93 CONST. 36' ENTRANCE
W/72 S.Y. CEM. CONC. ENT. PVMT. 8',
17 TONS CSB, AND 16 TONS AS,
26 TONS AB, 84 TONS CSB (236 S.Y.)

COMMERCIAL ENTRANCE
RT. STA. 184+00 CONST. 36' ENTRANCE
W/72 S.Y. CEM. CONC. ENT. PVMT. 8',
17 TONS CSB, AND 3 TONS AS,
6 TONS AB, 19 TONS CSB (51 S.Y.)



SEE SHEET NO. R033a FOR FURTHER INFORMATION SCALE: 1"= 20'

PLAN SHEET
US 421/KY 80 WIDENING
STA. 181+00 TO STA. 187+00



FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN 25	5.19	868.14
CHECK 100	6.31	868.20

*INLET GRATE CONTROLS

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

MicroStation v8.11.7.443 E-SHEET NAME: DATE PLOTTED: January 30, 2013 USER: DShover FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R03200PR.DGN

STANDARD CURB AND GUTTER
 LT. STA. 187+00 TO STA. 191+43.20,
 CONST. 461 L.F.

CONSTRUCT 4" SIDEWALK
 LT. STA. 187+00 TO STA.
 191+43.20, CONST. 212 S.Y.
 W/3-TYPE 1 SIDEWALK RAMPS. ALL
 SIDEWALKS AND RAMPS SHALL BE
 ADA COMPLIANT.

STANDARD HEADER CURB
 LT. STA. 187+00 TO STA. 191+43.20,
 CONST. 376 L.F.

SODDING
 LT. STA. 187+00 TO STA. 191+43.20,
 CONST. 327 S.Y.

R/W MONUMENT - TYPE I
 LT. STA. 187+00 TO STA. 192+00,
 CONST. 13

R/W MONUMENT - TYPE 1A
 LT. STA. 187+00 TO STA. 192+00,
 CONST. 1

REMOVING PAVEMENT
 LT. STA. 188+00 TO STA. 188+57,
 REMOVE 110 SQ.YD.

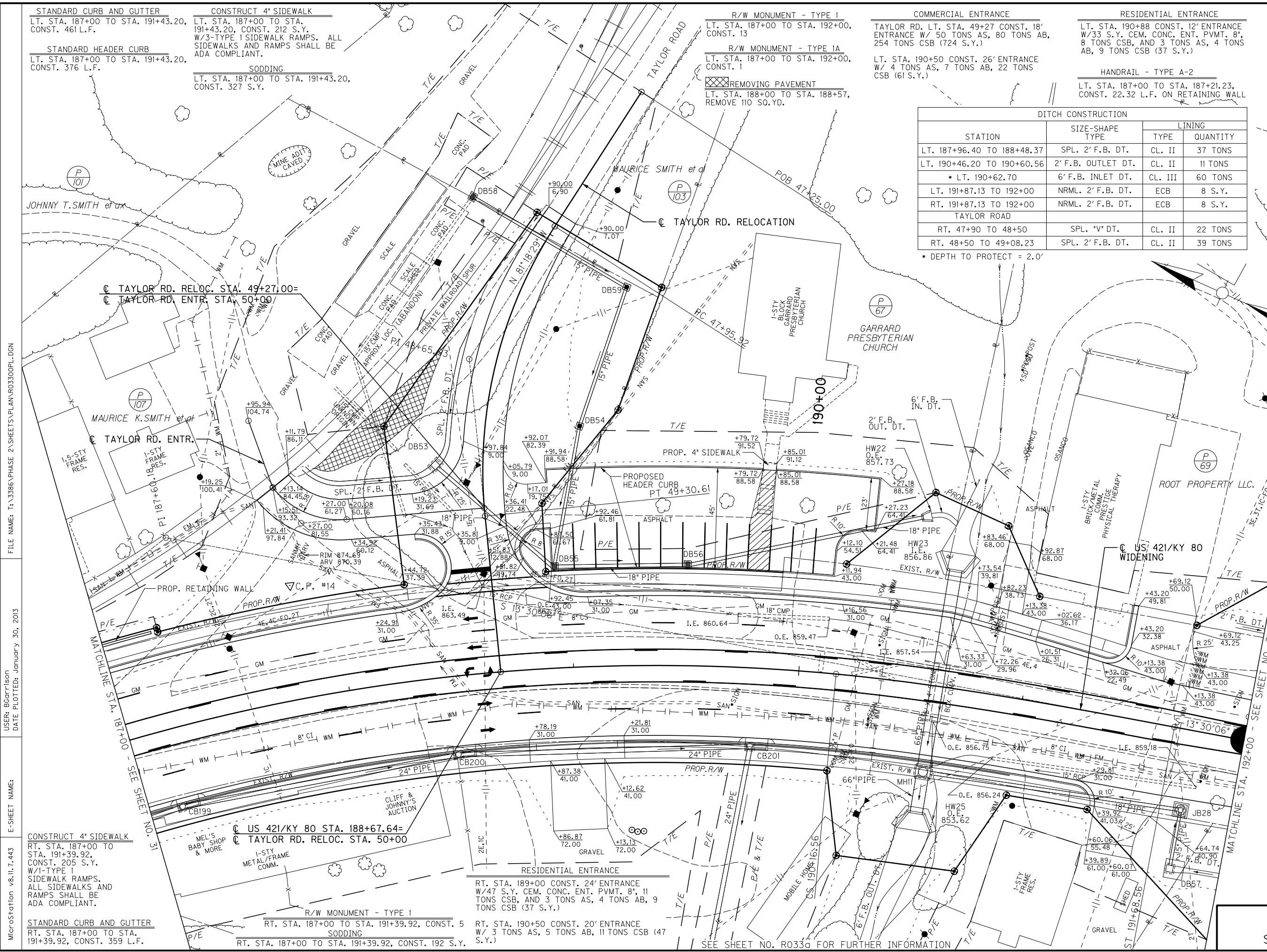
COMMERCIAL ENTRANCE
 TAYLOR RD. LT. STA. 49+27 CONST. 18'
 ENTRANCE W/ 50 TONS AS, 80 TONS AB,
 254 TONS CSB (724 S.Y.)

RESIDENTIAL ENTRANCE
 LT. STA. 190+88 CONST. 12' ENTRANCE
 W/33 S.Y. CEM. CONC. ENT. PVMT. 8',
 8 TONS CSB, AND 3 TONS AS, 4 TONS
 AB, 9 TONS CSB (37 S.Y.)

HANDRAIL - TYPE A-2
 LT. STA. 187+00 TO STA. 187+21.23,
 CONST. 22.32 L.F. ON RETAINING WALL

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
LT. 187+96.40 TO 188+48.37	SPL. 2' F.B. DT.	CL. II	37 TONS
LT. 190+46.20 TO 190+60.56	2' F.B. OUTLET DT.	CL. II	11 TONS
* LT. 190+62.70	6' F.B. INLET DT.	CL. III	60 TONS
LT. 191+87.13 TO 192+00	NRML. 2' F.B. DT.	ECB	8 S.Y.
RT. 191+87.13 TO 192+00	NRML. 2' F.B. DT.	ECB	8 S.Y.
TAYLOR ROAD			
RT. 47+90 TO 48+50	SPL. "V" DT.	CL. II	22 TONS
RT. 48+50 TO 49+08.23	SPL. 2' F.B. DT.	CL. II	39 TONS
* DEPTH TO PROTECT = 2.0'			

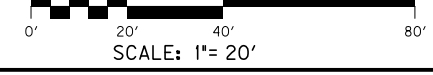
TAYLOR RD. RELOCATION
 P.I. STA. 48+65.93
 $\Delta = 38^\circ 35' 00''$ LT.
 $T = 70.01'$
 $L = 34.68'$
 $R = 200.00'$
 $E = 11.90'$
 e=See X-Sects.
 Runoff=See X-Sects.
 Runout=See X-Sects.



REMOVE EXIST. STRUCTURE
 STA. 190+64, REMOVE EXIST. 5'x4'
 STONE BOX CULVERT

C.P.#14, CONC. MON. 50.42' LT.
 STA. 187+82.49, ELEV. 873.95

P.I. STA. 187+60.18
 $\Delta = 48^\circ 32' 21''$ RT.
 $T_s = 455.23'$
 $L_s = 152.00'$
 $L_c = 559.62'$
 $\theta = 5^\circ 11' 02''$
 $S.T. = 101.38'$
 $R = 840.00'$
 $E_s = 82.69'$
 $e = 3.92'$
 Runoff=See X-Sects.
 Runout=See X-Sects.



PLAN SHEET
US 421/KY 80 WIDENING
 STA. 187+00 TO STA. 192+00

FILE NAME: T:\3386 PHASE 2\3386 PLAN\R03300PL.DGN
 USER: Bcortison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

CONSTRUCT 4" SIDEWALK
 RT. STA. 187+00 TO
 STA. 191+39.92,
 CONST. 205 S.Y.
 W/1-TYPE 1
 SIDEWALK RAMPS.
 ALL SIDEWALKS AND
 RAMPS SHALL BE
 ADA COMPLIANT.

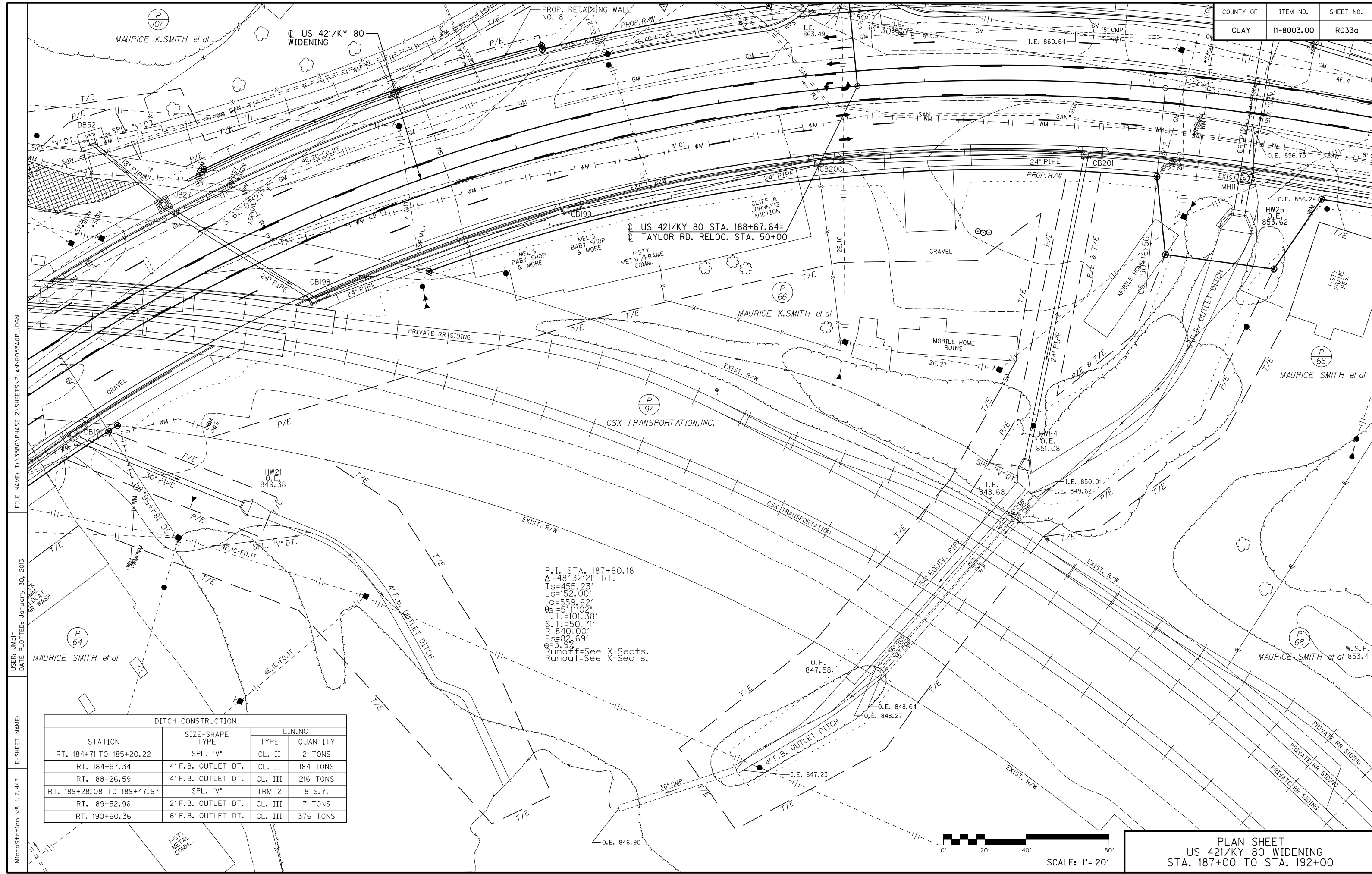
STANDARD CURB AND GUTTER
 RT. STA. 187+00 TO STA.
 191+39.92, CONST. 359 L.F.

R/W MONUMENT - TYPE I
 RT. STA. 187+00 TO STA. 191+39.92, CONST. 5
 SODDING
 RT. STA. 187+00 TO STA. 191+39.92, CONST. 192 S.Y.

RESIDENTIAL ENTRANCE
 RT. STA. 189+00 CONST. 24' ENTRANCE
 W/47 S.Y. CEM. CONC. ENT. PVMT. 8', 11
 TONS CSB, AND 3 TONS AS, 4 TONS AB, 9
 TONS CSB (37 S.Y.)

R/W MONUMENT - TYPE I
 RT. STA. 190+50 CONST. 20' ENTRANCE
 W/ 3 TONS AS, 5 TONS AB, 11 TONS CSB (47
 S.Y.)

SEE SHEET NO. R033 FOR FURTHER INFORMATION



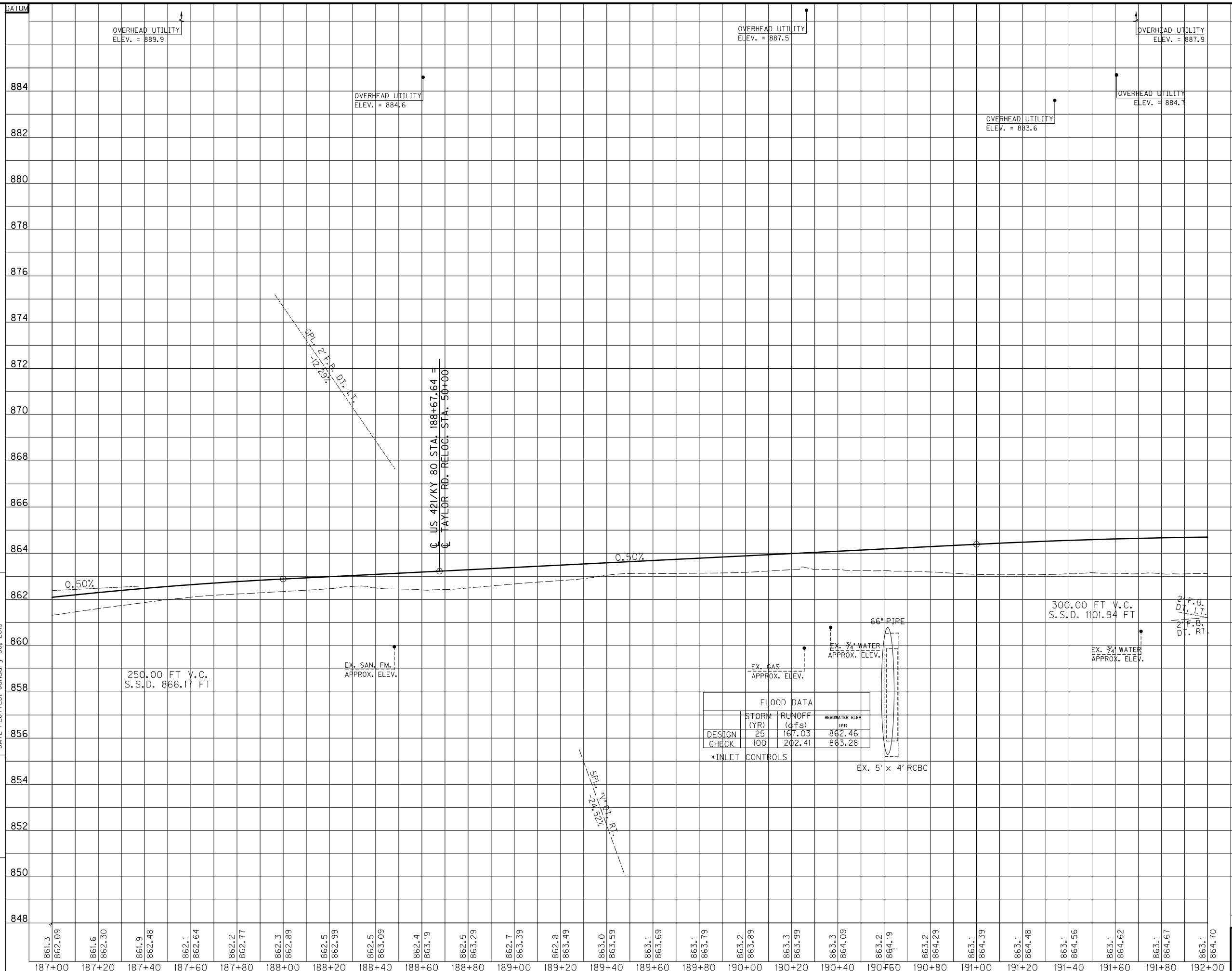
FILE NAME: T:\3386 PHASE 2\3386\PLANS\033AOP.L DGN
 USER: JMGin
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME: MicroStation v8.11.7.443

P.I. STA. 187+60.18
 $\Delta = 48^\circ 32' 21''$ RT.
 $T_s = 455.23'$
 $L_s = 152.00'$
 $L_o = 559.62'$
 $\theta = 5^\circ 11' 02''$
 $L = 101.38'$
 $S = 50.71'$
 $R = 840.00'$
 $E = 82.69'$
 $C = 3.97'$
 Runoff=See X-Sects.
 Runout=See X-Sects.

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
RT. 184+71 TO 185+20.22	SPL. "V"	CL. II	21 TONS
RT. 184+97.34	4' F.B. OUTLET DT.	CL. II	184 TONS
RT. 188+26.59	4' F.B. OUTLET DT.	CL. III	216 TONS
RT. 189+28.08 TO 189+47.97	SPL. "V"	TRM 2	8 S.Y.
RT. 189+52.96	2' F.B. OUTLET DT.	CL. III	7 TONS
RT. 190+60.36	6' F.B. OUTLET DT.	CL. III	376 TONS

PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 187+00 TO STA. 192+00

MicroStation v8.11.7.443 E-SHEET NAME: DATE PLOTTED: January 30, 2013 USER: jmgm FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R03400PR.DGN



FLOOD DATA		
	STORM (YR)	RUNOFF (cfs)
DESIGN	25	167.03
CHECK	100	202.41

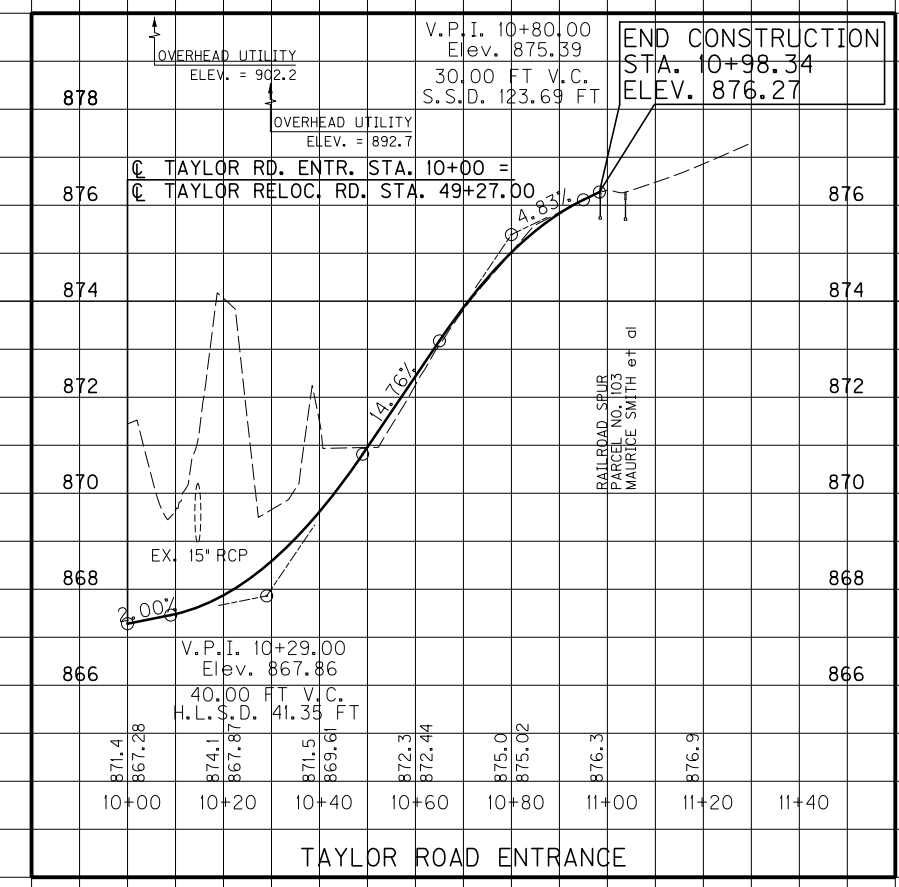
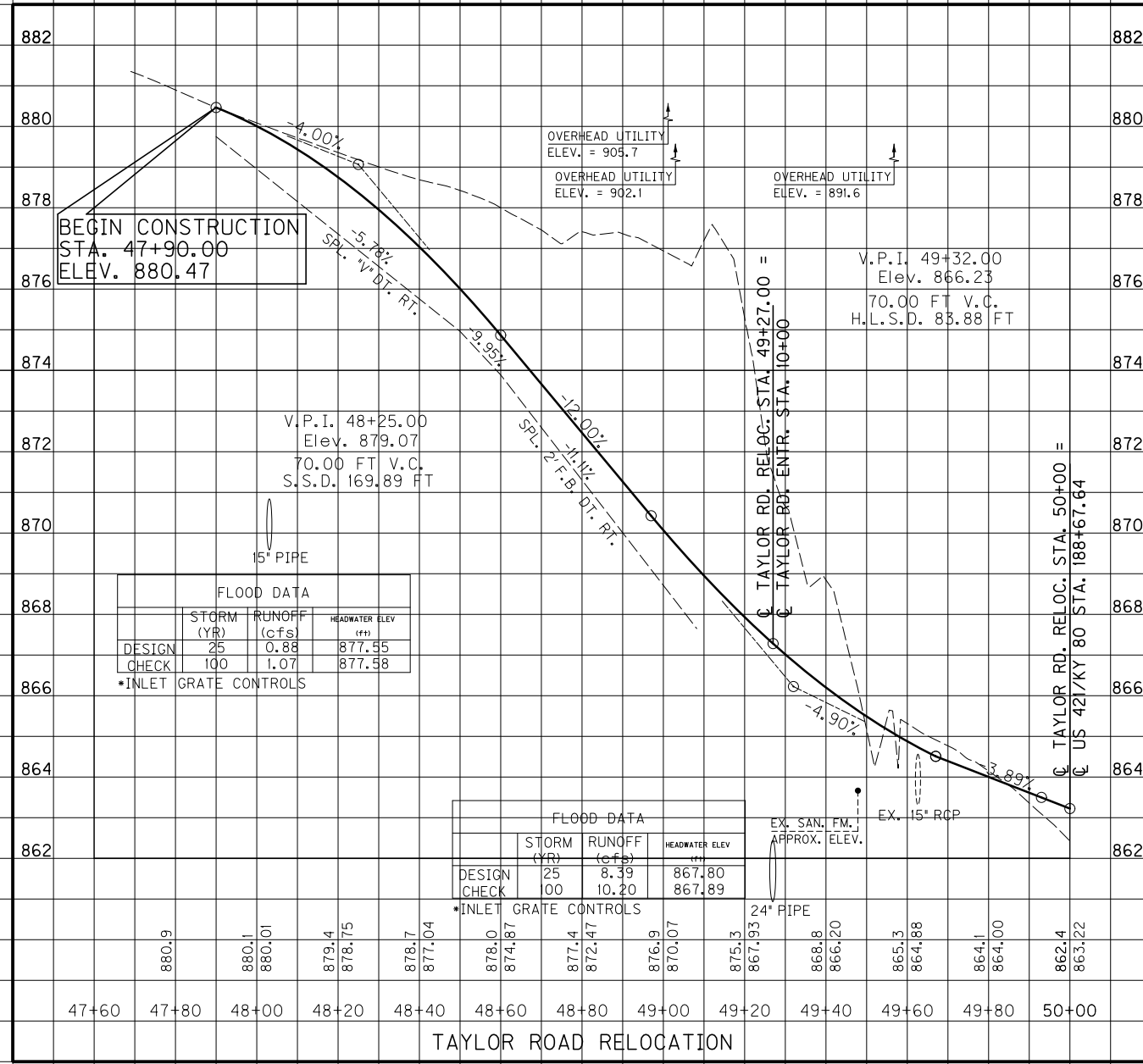
HEADWATER ELEV (FT)

DESIGN	862.46
CHECK	863.28

*INLET CONTROLS

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R034A0PR.DGN
 USER: BCartison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443



SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
 TAYLOR ROAD RELOCATION
 TAYLOR ROAD ENTRANCE

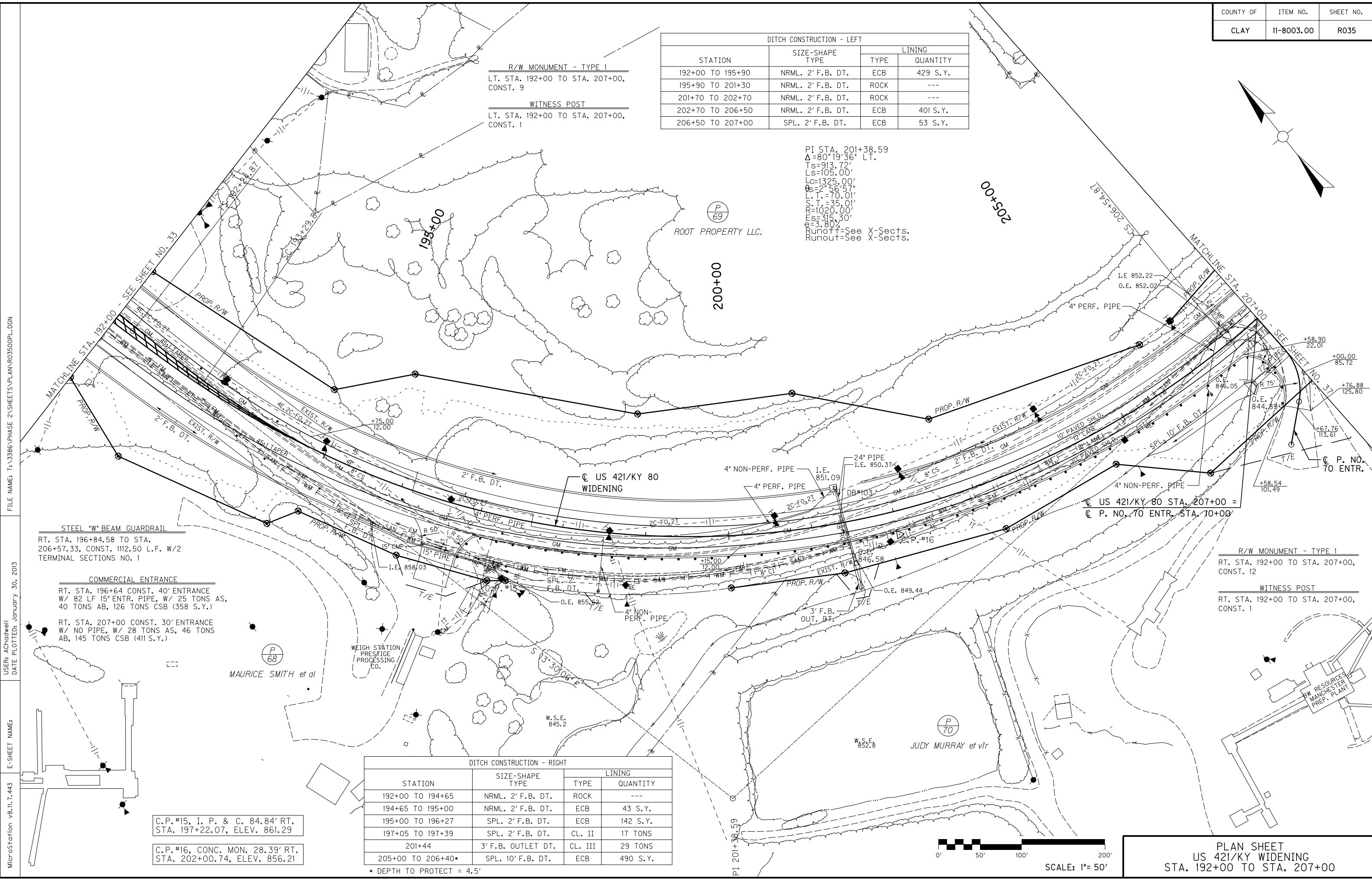
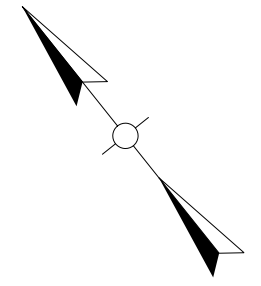
DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
192+00 TO 195+90	NRML. 2' F.B. DT.	ECB	429 S.Y.
195+90 TO 201+30	NRML. 2' F.B. DT.	ROCK	---
201+70 TO 202+70	NRML. 2' F.B. DT.	ROCK	---
202+70 TO 206+50	NRML. 2' F.B. DT.	ECB	401 S.Y.
206+50 TO 207+00	SPL. 2' F.B. DT.	ECB	53 S.Y.

R/W MONUMENT - TYPE I
 LT. STA. 192+00 TO STA. 207+00,
 CONST. 9

WITNESS POST
 LT. STA. 192+00 TO STA. 207+00,
 CONST. 1

PI STA. 201+38.59
 $\Delta = 80^\circ 19' 36''$ LT.
 Ts=913.72'
 Ls=105.00'
 Lc=1325.00'
 $\Delta s = 2^\circ 56' 57''$
 L. I. = 70.01'
 S. I. = 35.01'
 R=1020.00'
 Es=315.30'
 e=3.80'
 Runoff=See X-Sects.
 Runout=See X-Sects.

(P 69)
 ROOT PROPERTY LLC.



FILE NAME: T:\3386 PHASE 2\SHEETS\PLAN\R03500PL.DGN

USER: AChadwell
 DATE PLOTTED: January 30, 2013

E-SHEET NAME:

MicroStation v8.11.7.443

STEEL "W" BEAM GUARDRAIL
 RT. STA. 196+84.58 TO STA.
 206+57.33, CONST. 1112.50 L.F. W/2
 TERMINAL SECTIONS NO. 1

COMMERCIAL ENTRANCE
 RT. STA. 196+64 CONST. 40' ENTRANCE
 W/ 82 LF 15" ENTR. PIPE, W/ 25 TONS AS,
 40 TONS AB, 126 TONS CSB (358 S.Y.)

RT. STA. 207+00 CONST. 30' ENTRANCE
 W/ NO PIPE, W/ 28 TONS AS, 46 TONS
 AB, 145 TONS CSB (411 S.Y.)

(P 68)
 MAURICE SMITH et al

WEIGH STATION
 PRESTIGE
 PROCESSING
 CO.

(P 70)
 JUDY MURRAY et al

R/W MONUMENT - TYPE I
 RT. STA. 192+00 TO STA. 207+00,
 CONST. 12

WITNESS POST
 RT. STA. 192+00 TO STA. 207+00,
 CONST. 1

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
192+00 TO 194+65	NRML. 2' F.B. DT.	ROCK	---
194+65 TO 195+00	NRML. 2' F.B. DT.	ECB	43 S.Y.
195+00 TO 196+27	SPL. 2' F.B. DT.	ECB	142 S.Y.
197+05 TO 197+39	SPL. 2' F.B. DT.	CL. II	17 TONS
201+44	3' F.B. OUTLET DT.	CL. III	29 TONS
205+00 TO 206+40*	SPL. 10' F.B. DT.	ECB	490 S.Y.

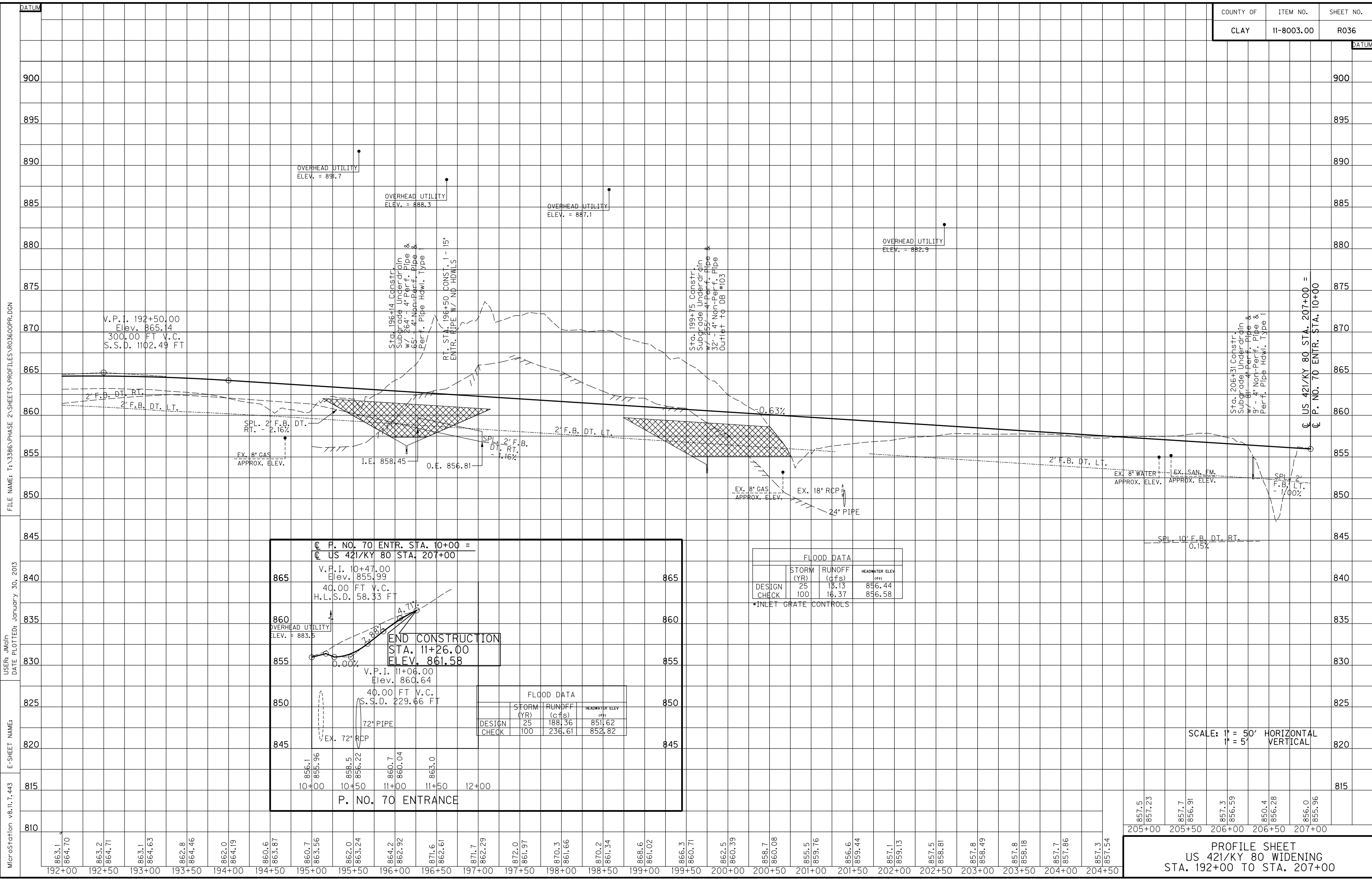
* DEPTH TO PROTECT = 4.5'

C.P.#15, I. P. & C. 84.84' RT.
 STA. 197+22.07, ELEV. 861.29

C.P.#16, CONC. MON. 28.39' RT.
 STA. 202+00.74, ELEV. 856.21



PLAN SHEET
 US 421/KY WIDENING
 STA. 192+00 TO STA. 207+00



FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\RO3600PR.DGN
 USER: jmgm
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME: MicroStation v8.11.7.443

P. NO. 70 ENTR. STA. 10+00 =
 US 421/KY 80 STA. 207+00

V.P.I. 10+47.00
 Elev. 855.99
 40.00 FT V.C.
 H.L.S.D. 58.33 FT

V.P.I. 11+06.00
 Elev. 860.64
 40.00 FT V.C.
 S.S.D. 229.66 FT

END CONSTRUCTION
STA. 11+26.00
ELEV. 861.58

P. NO. 70 ENTRANCE

FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	18.13	856.44
CHECK	100	16.37	856.58

*INLET GRATE CONTROLS

FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	188.36	851.62
CHECK	100	236.61	852.82

SCALE: 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

857.5	857.23	857.7	856.91	857.3	856.59	850.4	856.28	856.0	855.96
205+00	205+50	206+00	206+50	207+00					

PROFILE SHEET
 US 421/KY 80 WIDENING
 STA. 192+00 TO STA. 207+00

R/W MONUMENT - TYPE 1
 LT. STA. 207+00 TO STA. 222+00,
 CONST. 4

R/W MONUMENT - TYPE 1A
 LT. STA. 218+12 TO STA. 218+74.28,
 CONST. 2

WITNESS POST
 LT. STA. 207+00 TO STA. 222+00,
 CONST. 1

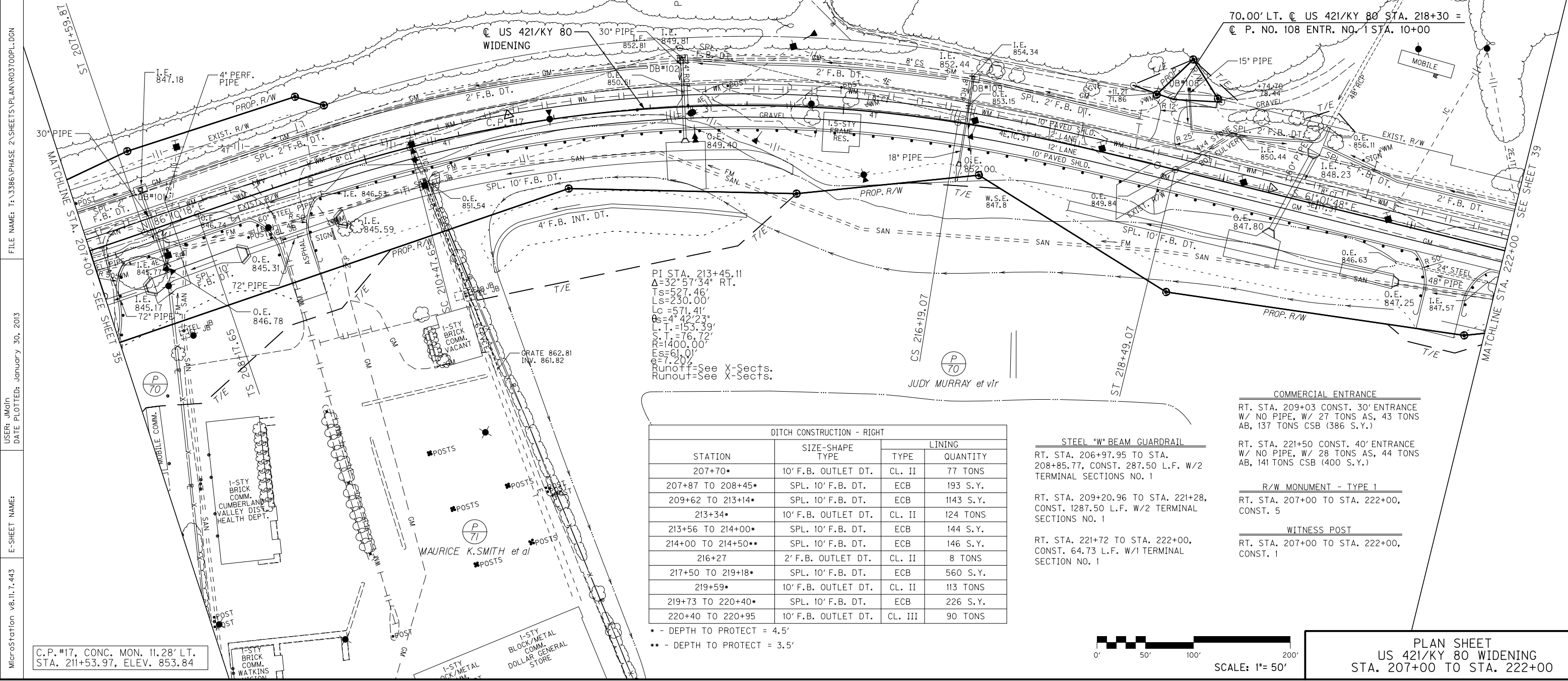
(P 69)
 ROOT PROPERTY LLC.

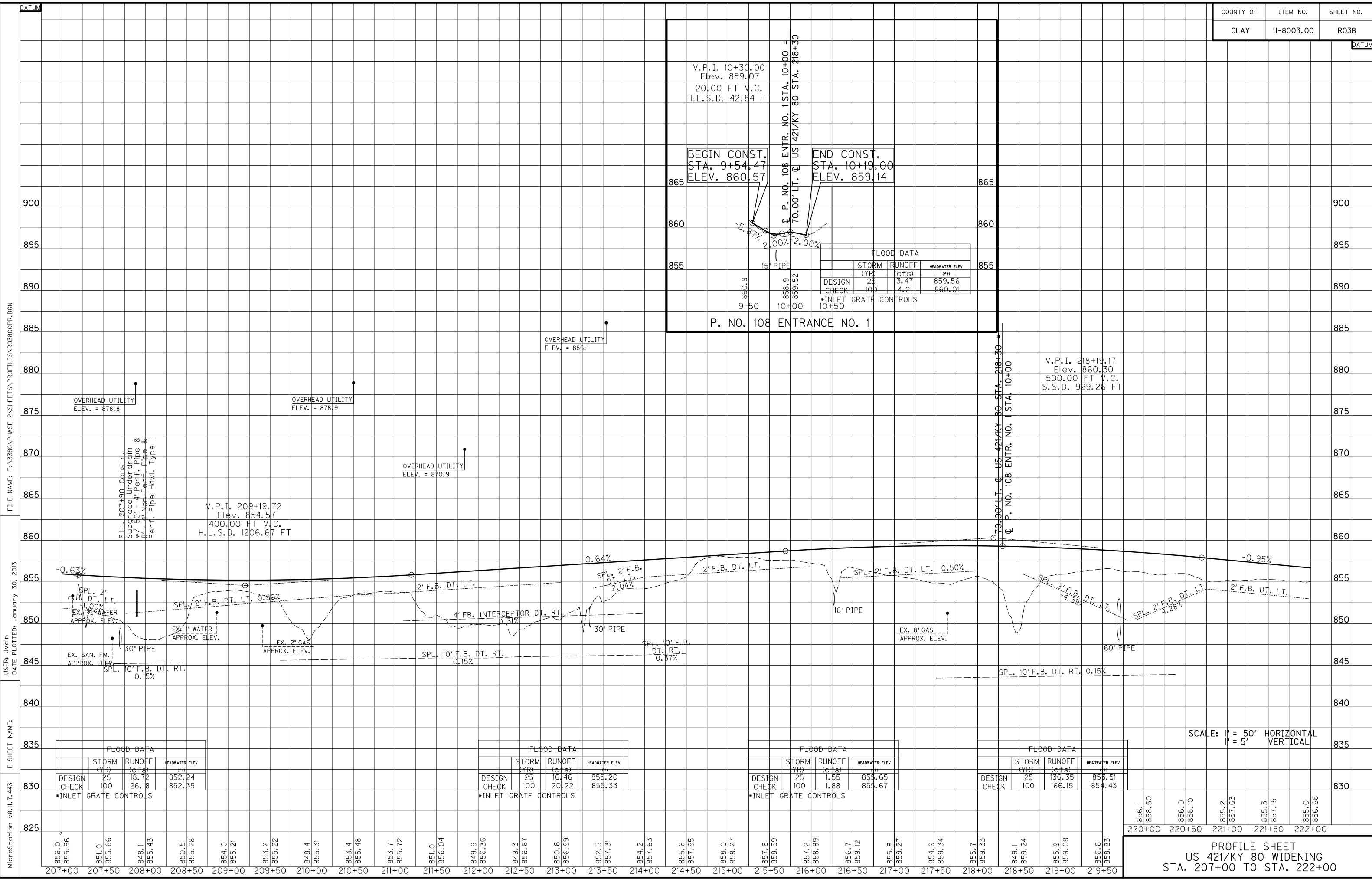
DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
207+00 TO 207+64	SPL. 2' F.B. DT.	ECB	68 S.Y.
207+76 TO 210+10*	SPL. 2' F.B. DT.	ECB	297 S.Y.
210+10 TO 213+00**	NRML. 2' F.B. DT.	ECB	472 S.Y.
213+40 TO 214+00	SPL. 2' F.B. DT.	TRM 1	88 S.Y.
214+00 TO 216+00*	NRML. 2' F.B. DT.	ECB	436 S.Y.
216+33 TO 218+00	SPL. 2' F.B. DT.	ECB	213 S.Y.
218+55 TO 219+81	SPL. 2' F.B. DT.	CL. II	92 TONS
219+84***	5' F.B. INLET DT.	CL. IA	18 TONS
219+91 TO 220+75	SPL. 2' F.B. DT.	TRM 1	80 S.Y.
220+75 TO 222+00	NRML. 2' F.B. DT.	ECB	183 S.Y.

* DEPTH TO PROTECT = 1.4'
 ** DEPTH TO PROTECT = 1.2'
 *** DEPTH TO PROTECT = 1.5'

RESIDENTIAL ENTRANCE
 LT. STA. 218+30 CONST. 20' ENTRANCE
 W/ NO PIPE, W/ 13 TONS AS, 21 TONS
 AB, 46 TONS CSB (191 S.Y.)

REMOVE EXISTING STRUCTURE
 LT. STA. 218+71 TO LT. STA. 219+00,
 REMOVE EXIST. 4' X 4' STONE BOX CULVERT





V.P.I. 10+30.00
Elev. 859.07
20.00 FT V.C.
H.L.S.D. 42.84 FT

BEGIN CONST.
STA. 9+54.47
ELEV. 860.57

END CONST.
STA. 10+19.00
ELEV. 859.14

70.00' LT. @ US 421/KY 80 STA. 218+30 =

P. NO. 108 ENTR. NO. 1 STA. 10+00 =

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	859.56
CHECK	100	860.01

15" PIPE

9-50 10+00

• INLET GRATE CONTROLS 10+50

P. NO. 108 ENTRANCE NO. 1

MicroStation v8.11.7.443 E-SHEET NAME: DATE PLOTTED: January 30, 2013 USER: jgjin FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R03800PR.DGN

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	852.24
CHECK	100	852.89

• INLET GRATE CONTROLS

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	855.20
CHECK	100	855.33

• INLET GRATE CONTROLS

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	855.65
CHECK	100	855.67

• INLET GRATE CONTROLS

FLOOD DATA		
STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	853.51
CHECK	100	854.43

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

856.1	858.50	856.0	858.10	855.2	857.63	855.3	857.15	855.0	856.68
220+00	220+50	221+00	221+50	222+00					

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 207+00 TO STA. 222+00

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
222+00 TO 223+00	NRML. 2' F.B. DT.	ECB	147 S.Y.
223+00 TO 225+04	SPL. 2' F.B. DT.	ECB	224 S.Y.
225+04 TO 225+42*	SPL. 2' F.B. DT.	TRM I	48 S.Y.
225+92 TO 226+86	SPL. 2' F.B. DT.	TRM I	108 S.Y.
227+26 TO 227+36	SPL. 2' F.B. DT.	TRM I	11 S.Y.
227+76 TO 229+58	SPL. 2' F.B. DT.	ECB	202 S.Y.
230+75 TO 237+00	SPL. 2' F.B. DT.	ECB	721 S.Y.

* DEPTH TO PROTECT = 1.5'

RESIDENTIAL ENTRANCE

LT. STA. 225+67 CONST. 12' ENTRANCE W/ 50 LF 24" ENTR. PIPE, W/ 5 TONS AS, 8 TONS AB, 17 TONS CSB (71 S.Y.)

LT. STA. 227+06 CONST. 12' ENTRANCE W/ 40 LF 15" ENTR. PIPE, W/ 5 TONS AS, 8 TONS AB, 17 TONS CSB (68 S.Y.)

LT. STA. 227+56 CONST. 12' ENTRANCE W/ 40 LF 15" ENTR. PIPE, W/ 5 TONS AS, 8 TONS AB, 17 TONS CSB (69 S.Y.)

LT. STA. 229+77 CONST. 12' ENTRANCE W/ NO PIPE, W/ 6 TONS AS, 9 TONS AB, 20 TONS CSB (82 S.Y.)

LT. STA. 230+48 CONST. 18' ENTRANCE W/ NO PIPE, W/ 6 TONS AS, 10 TONS AB, 22 TONS CSB (90 S.Y.)

REMOVE EXISTING STRUCTURE

LT. STA. 229+93, REMOVE EXIST. 2.5' X 2.5' STONE BOX CULVERT

R/W MONUMENT - TYPE 1

LT. STA. 222+00 TO STA. 237+00, CONST. 2

WITNESS POST

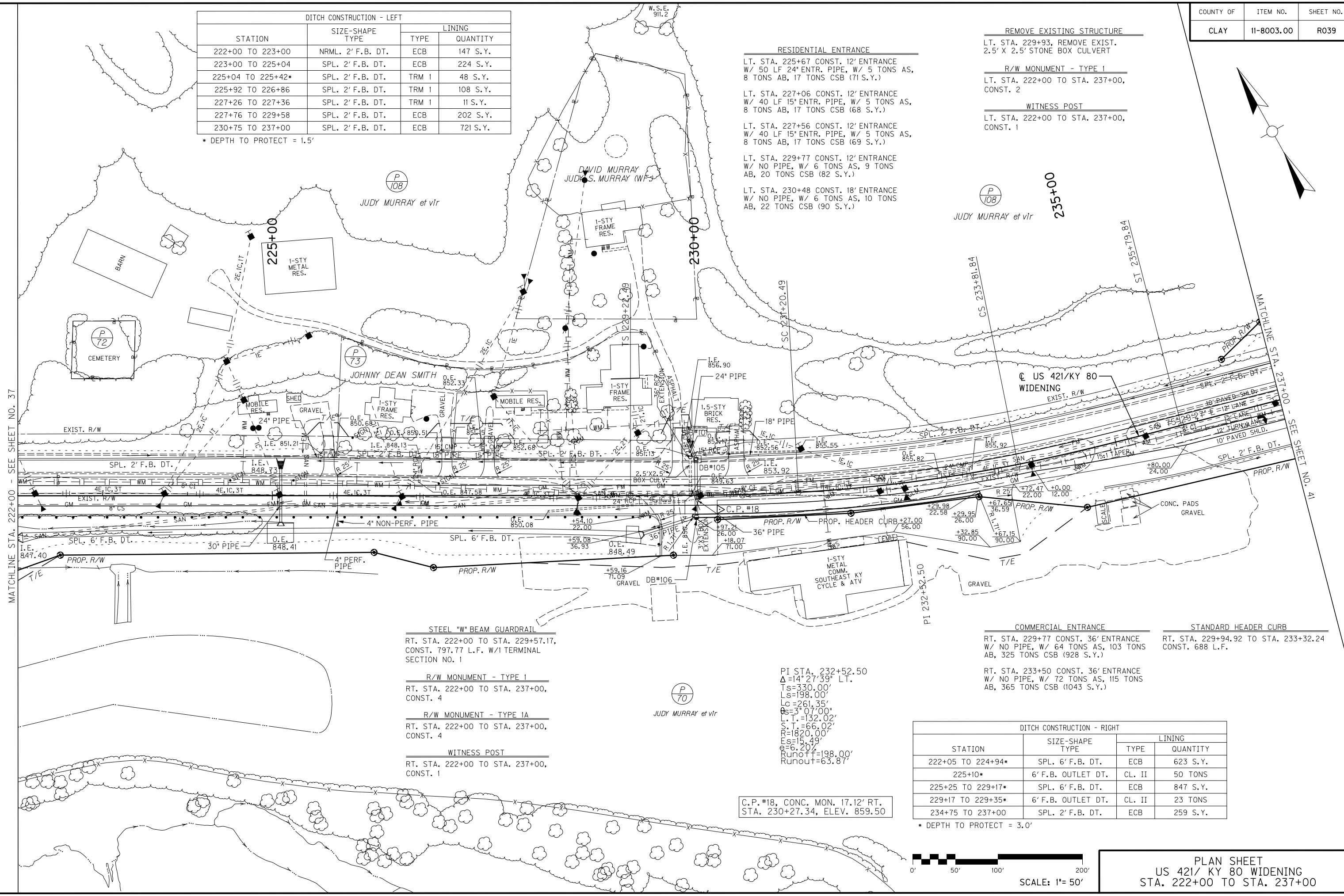
LT. STA. 222+00 TO STA. 237+00, CONST. 1

FILE NAME: T:\3386 PHASE 2 SHEETS\PLAN\03900PL.DGN

USER: jmain
DATE PLOTTED: January 30, 2013

E-SHEET NAME:

MicroStation v8.11.7.443



STEEL "W" BEAM GUARDRAIL

RT. STA. 222+00 TO STA. 229+57.17, CONST. 797.77 L.F. W/1 TERMINAL SECTION NO. 1

R/W MONUMENT - TYPE 1

RT. STA. 222+00 TO STA. 237+00, CONST. 4

R/W MONUMENT - TYPE 1A

RT. STA. 222+00 TO STA. 237+00, CONST. 4

WITNESS POST

RT. STA. 222+00 TO STA. 237+00, CONST. 1

COMMERCIAL ENTRANCE

RT. STA. 229+77 CONST. 36' ENTRANCE W/ NO PIPE, W/ 64 TONS AS, 103 TONS AB, 325 TONS CSB (928 S.Y.)

STANDARD HEADER CURB

RT. STA. 229+94.92 TO STA. 233+32.24 CONST. 688 L.F.

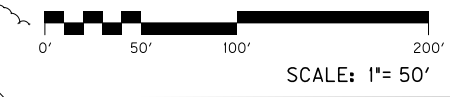
RT. STA. 233+50 CONST. 36' ENTRANCE W/ NO PIPE, W/ 72 TONS AS, 115 TONS AB, 365 TONS CSB (1043 S.Y.)

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
222+05 TO 224+94*	SPL. 6' F.B. DT.	ECB	623 S.Y.
225+10*	6' F.B. OUTLET DT.	CL. II	50 TONS
225+25 TO 229+17*	SPL. 6' F.B. DT.	ECB	847 S.Y.
229+17 TO 229+35*	6' F.B. OUTLET DT.	CL. II	23 TONS
234+75 TO 237+00	SPL. 2' F.B. DT.	ECB	259 S.Y.

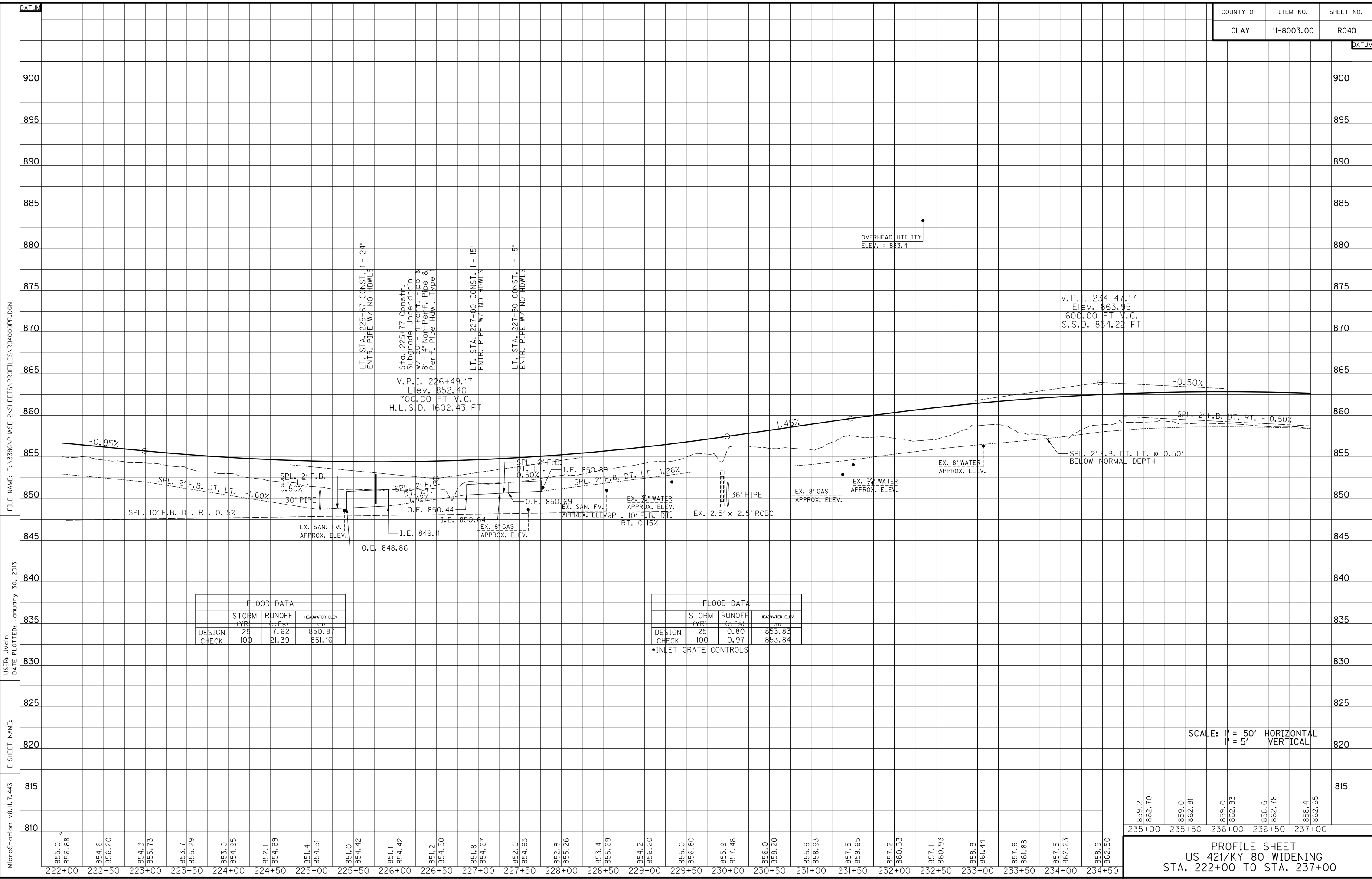
* DEPTH TO PROTECT = 3.0'

PI STA. 232+52.50
 $\Delta=14^{\circ}27'39''$ LT.
 $T_s=330.00'$
 $L_s=198.00'$
 $L_c=261.35'$
 $E_s=3^{\circ}07'00''$
 $L.T.=132.02'$
 $S.T.=66.02'$
 $R=1820.00'$
 $E_s=15.49'$
 $E=6.20'$
 $Runoff=198.00'$
 $Runout=63.87'$

C.P. #18, CONC. MON. 17.12' RT. STA. 230+27.34, ELEV. 859.50



PLAN SHEET
 US 421/ KY 80 WIDENING
 STA. 222+00 TO STA. 237+00



MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: jmgln
 DATE PLOTTED: January 30, 2013
 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R04000PR.DGN

FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	17.62	850.87
CHECK	100	21.39	851.16

FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	0.80	853.83
CHECK	100	0.97	853.84

*INLET GRATE CONTROLS

SCALE: 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

859.2	862.70	859.0	862.81	859.0	862.83	858.6	862.78	858.4	862.65
235+00	235+50	236+00	236+50	237+00					

PROFILE SHEET
 US 421/KY 80 WIDENING
 STA. 222+00 TO STA. 237+00

RESIDENTIAL ENTRANCE
 LT. STA. 238+84 CONST. 12' ENTRANCE
 W/ 45 LF 15" ENTR. PIPE, W/ 4 TONS
 AS, 7 TONS AB, 16 TONS CSB (65 S.Y.)

LT. STA. 239+50 CONST. 12' ENTRANCE
 W/ NO PIPE, W/ 5 TONS AS, 8 TONS
 AB, 17 TONS CSB (69 S.Y.)

REMOVE EXISTING STRUCTURE
 LT. STA. 239+05, REMOVE EXIST.
 4' X 3' STONE BOX CULVERT

LT. STA. 246+04, REMOVE EXIST.
 5' X 3' STONE BOX CULVERT

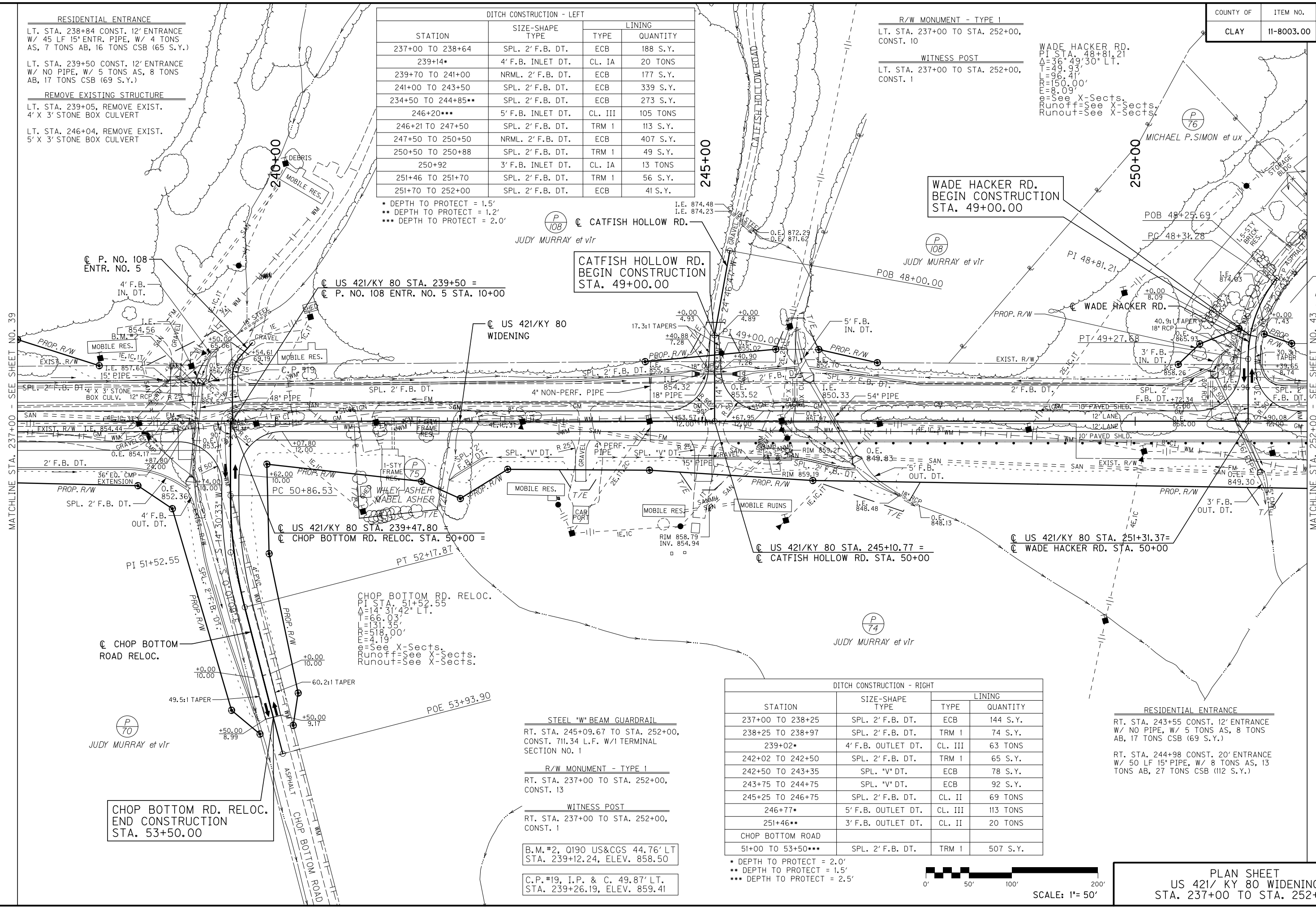
DITCH CONSTRUCTION - LEFT				
STATION	SIZE-SHAPE TYPE	LINING		
		TYPE	QUANTITY	
237+00 TO 238+64	SPL. 2' F.B. DT.	ECB	188 S.Y.	
239+14*	4' F.B. INLET DT.	CL. IA	20 TONS	
239+70 TO 241+00	NRML. 2' F.B. DT.	ECB	177 S.Y.	
241+00 TO 243+50	SPL. 2' F.B. DT.	ECB	339 S.Y.	
234+50 TO 244+85**	SPL. 2' F.B. DT.	ECB	273 S.Y.	
246+20***	5' F.B. INLET DT.	CL. III	105 TONS	
246+21 TO 247+50	SPL. 2' F.B. DT.	TRM I	113 S.Y.	
247+50 TO 250+50	NRML. 2' F.B. DT.	ECB	407 S.Y.	
250+50 TO 250+88	SPL. 2' F.B. DT.	TRM I	49 S.Y.	
250+92	3' F.B. INLET DT.	CL. IA	13 TONS	
251+46 TO 251+70	SPL. 2' F.B. DT.	TRM I	56 S.Y.	
251+70 TO 252+00	SPL. 2' F.B. DT.	ECB	41 S.Y.	

* DEPTH TO PROTECT = 1.5'
 ** DEPTH TO PROTECT = 1.2'
 *** DEPTH TO PROTECT = 2.0'

R/W MONUMENT - TYPE 1
 LT. STA. 237+00 TO STA. 252+00,
 CONST. 10

WITNESS POST
 LT. STA. 237+00 TO STA. 252+00,
 CONST. 1

WADE HACKER RD.
 PI STA. 48+81.21
 $\Delta = 36^{\circ} 49' 30''$ LT.
 $T = 49.95'$
 $L = 96.41'$
 $l = 150.00'$
 $e = 8.09'$
 See X-Sects.
 Runoff=See X-Sects.
 Runout=See X-Sects.



**CATFISH HOLLOW RD.
 BEGIN CONSTRUCTION
 STA. 49+00.00**

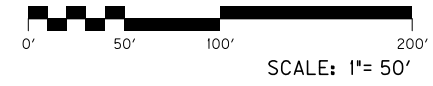
**WADE HACKER RD.
 BEGIN CONSTRUCTION
 STA. 49+00.00**

**CHOP BOTTOM
 ROAD RELOC.**

**CHOP BOTTOM RD. RELOC.
 END CONSTRUCTION
 STA. 53+50.00**

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
237+00 TO 238+25	SPL. 2' F.B. DT.	ECB	144 S.Y.
238+25 TO 238+97	SPL. 2' F.B. DT.	TRM I	74 S.Y.
239+02*	4' F.B. OUTLET DT.	CL. III	63 TONS
242+02 TO 242+50	SPL. 2' F.B. DT.	TRM I	65 S.Y.
242+50 TO 243+35	SPL. 'V' DT.	ECB	78 S.Y.
243+75 TO 244+75	SPL. 'V' DT.	ECB	92 S.Y.
245+25 TO 246+75	SPL. 2' F.B. DT.	CL. II	69 TONS
246+77*	5' F.B. OUTLET DT.	CL. III	113 TONS
251+46**	3' F.B. OUTLET DT.	CL. II	20 TONS
CHOP BOTTOM ROAD			
51+00 TO 53+50***	SPL. 2' F.B. DT.	TRM I	507 S.Y.

* DEPTH TO PROTECT = 2.0'
 ** DEPTH TO PROTECT = 1.5'
 *** DEPTH TO PROTECT = 2.5'



**PLAN SHEET
 US 421/ KY 80 WIDENING
 STA. 237+00 TO STA. 252+00**

FILE NAME: T:\3386 PHASE 2\ SHEETS\PLAN\04100PL.DGN

USER: jmgln
 DATE PLOTTED: January 30, 2013

E-SHEET NAME:

MicroStation v8.11.7.443

MATCHLINE STA. 237+00 - SEE SHEET NO. 39

MATCHLINE STA. 252+00 - SEE SHEET NO. 43

P 108
 JUDY MURRAY et vir

P 108
 JUDY MURRAY et vir

P 108
 JUDY MURRAY et vir

P 109
 MICHAEL P. SIMON

P 74
 JUDY MURRAY et vir

P 70
 JUDY MURRAY et vir

STEEL *W* BEAM GUARDRAIL
 RT. STA. 245+09.67 TO STA. 252+00,
 CONST. 711.34 L.F. W/1 TERMINAL
 SECTION NO. 1

R/W MONUMENT - TYPE 1
 RT. STA. 237+00 TO STA. 252+00,
 CONST. 13

WITNESS POST
 RT. STA. 237+00 TO STA. 252+00,
 CONST. 1

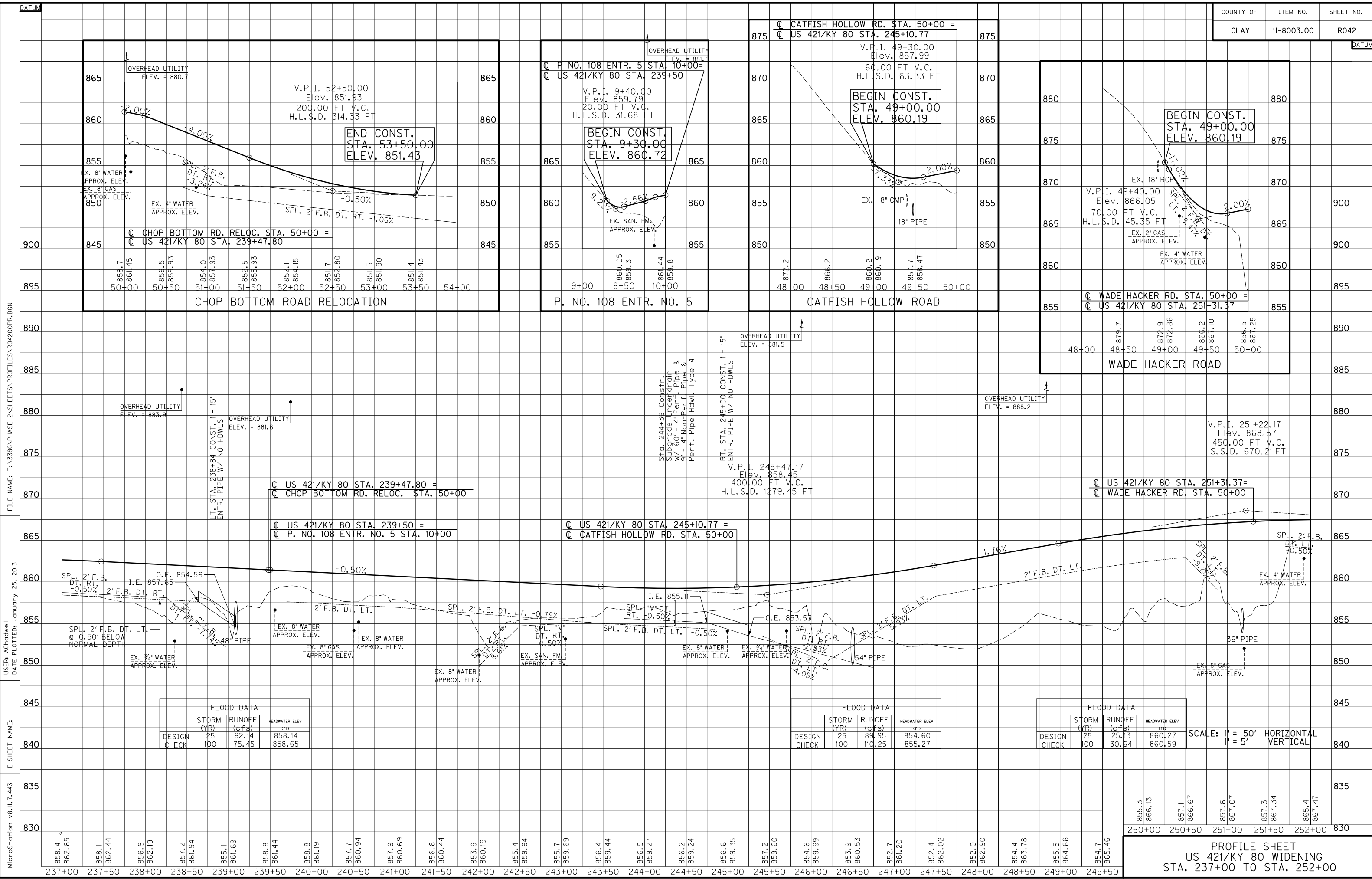
B.M.#2, Q190 US&CGS 44.76' LT
 STA. 239+12.24, ELEV. 858.50

C.P.#19, I.P. & C. 49.87' LT.
 STA. 239+26.19, ELEV. 859.41

CHOP BOTTOM RD. RELOC.
 PI STA. 51+52.55
 $\Delta = 14^{\circ} 31' 42''$ LT.
 $T = 66.03'$
 $L = 131.35'$
 $l = 118.00'$
 $e = 4.19'$
 See X-Sects.
 Runoff=See X-Sects.
 Runout=See X-Sects.

RESIDENTIAL ENTRANCE
 RT. STA. 243+55 CONST. 12' ENTRANCE
 W/ NO PIPE, W/ 5 TONS AS, 8 TONS
 AB, 17 TONS CSB (69 S.Y.)

RT. STA. 244+98 CONST. 20' ENTRANCE
 W/ 50 LF 15" PIPE, W/ 8 TONS AS, 13
 TONS AB, 27 TONS CSB (112 S.Y.)



CHOP BOTTOM ROAD RELOCATION

858.7	861.45	856.5	859.93	854.0	857.93	852.5	855.93	852.1	854.15	851.7	852.80	851.5	851.90	851.4	851.43
50+00	50+50	51+00	51+50	52+00	52+50	53+00	53+50	54+00							

P. NO. 108 ENTR. NO. 5

860.05	859.3	861.44	858.8
9+00	9+50	10+00	

CATFISH HOLLOW ROAD

872.2	866.2	860.2	860.19	851.7	858.47
48+00	48+50	49+00	49+50	50+00	

WADE HACKER ROAD

879.7	872.9	872.86	866.2	867.10	856.5	867.25
48+00	48+50	49+00	49+50	50+00		

FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN CHECK	25	62.14	858.14
	100	75.45	858.65

FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN CHECK	25	89.95	854.60
	100	110.25	855.27

FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN CHECK	25	25.13	860.27
	100	30.64	860.59

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

855.3	866.13	857.1	866.67	857.6	867.07	857.3	867.34	865.4	867.47
250+00	250+50	251+00	251+50	252+00					

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 237+00 TO STA. 252+00

FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R04200PR.DGN
 USER: AChadwell
 DATE PLOTTED: January 25, 2013
 E-SHEET NAME: MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R043

RESIDENTIAL ENTRANCE
 LT. STA. 253+50 CONST. 12' ENTRANCE
 W/ 55 LF 15" ENTR. PIPE, W/ 104 S.Y.
 CEM. CONC. ENTR. PAVEMENT 8 INCH,
 W/ 27 TONS CSB

LT. STA. 257+67 CONST. 12' ENTRANCE
 W/ 50 LF 18" ENTR. PIPE, W/ 5 TONS AS,
 8 TONS AB, 17 TONS CSB (69 S.Y.)

LT. STA. 258+55 CONST. 12' ENTRANCE
 W/ 50 LF 24" ENTR. PIPE, W/ 5 TONS AS,
 8 TONS AB, 18 TONS CSB (73 S.Y.)

PI STA. 256+52.28
 $\Delta = 12' 49' 37''$ LT.
 $T_s = 266.54'$
 $L_s = 236.00'$
 $L_c = 59.51'$
 $\theta_s = 5' 07' 19''$
 $L.T. = 157.40'$
 $S.T. = 78.73'$
 $R = 1320.00'$
 $E_s = 10.08'$
 $97.40'$
 $Runoff = 236.00'$
 $Runout = 63.78'$

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
252+00 TO 253+32	SPL. 2' F.B. DT.	ECB	179 S.Y.
256+50 TO 257+42	SPL. 2' F.B. DT.	TRM I	83 S.Y.
257+93 TO 258+30	SPL. 2' F.B. DT.	CL. II	21 TONS
258+80 TO 261+11	SPL. 2' F.B. DT.	CL. II	136 TONS
261+21*	12' F.B. INLET DT.	CL. II	151 TONS
262+31 TO 262+67	SPL. 2' F.B. DT.	ECB	43 S.Y.
263+60 TO 264+68	SPL. 2' F.B. DT.	ECB	115 S.Y.
265+41 TO 266+83**	SPL. 2' F.B. DT.	ECB	223 S.Y.
266+83 TO 267+00**	NRML. 2' F.B. DT.	ECB	28 S.Y.
STACY BRANCH ROAD			
48+62 TO 48+72	2' F.B. INLET DITCH	CL. II	4 TONS

REMOVE EXISTING STRUCTURE
 LT. STA. 261+34, REMOVE EXIST.
 8' X 5' STONE BOX CULVERT

COMMERCIAL ENTRANCE
 LT. STA. 262+00 CONST. 48' ENTRANCE
 W/ 100 LF 15" PIPE, W/ 18 TONS AS, 29 TONS
 AB, 93 TONS CSB (263 S.Y.)

LT. STA. 263+00 CONST. 42' ENTRANCE
 W/ NO PIPE, W/ 19 TONS AS, 31 TONS
 AB, 100 TONS CSB (280 S.Y.)

STACY BRANCH RD.
 PI STA. 47+89.17
 $\Delta = 58' 06' 49''$ LT.
 $T = 50.00'$
 $L = 91.28'$
 $R = 90.00'$
 $E = 12.96'$
 See X-Sects.
 Runoff-See X-Sects.
 Runout-See X-Sects.

STACY BRANCH RD.
 PI STA. 49+37.64
 $\Delta = 50' 34' 10''$ RT.
 $T = 35.43'$
 $L = 66.20'$
 $R = 75.00'$
 $E = 7.95'$
 See X-Sects.
 Runoff-See X-Sects.
 Runout-See X-Sects.

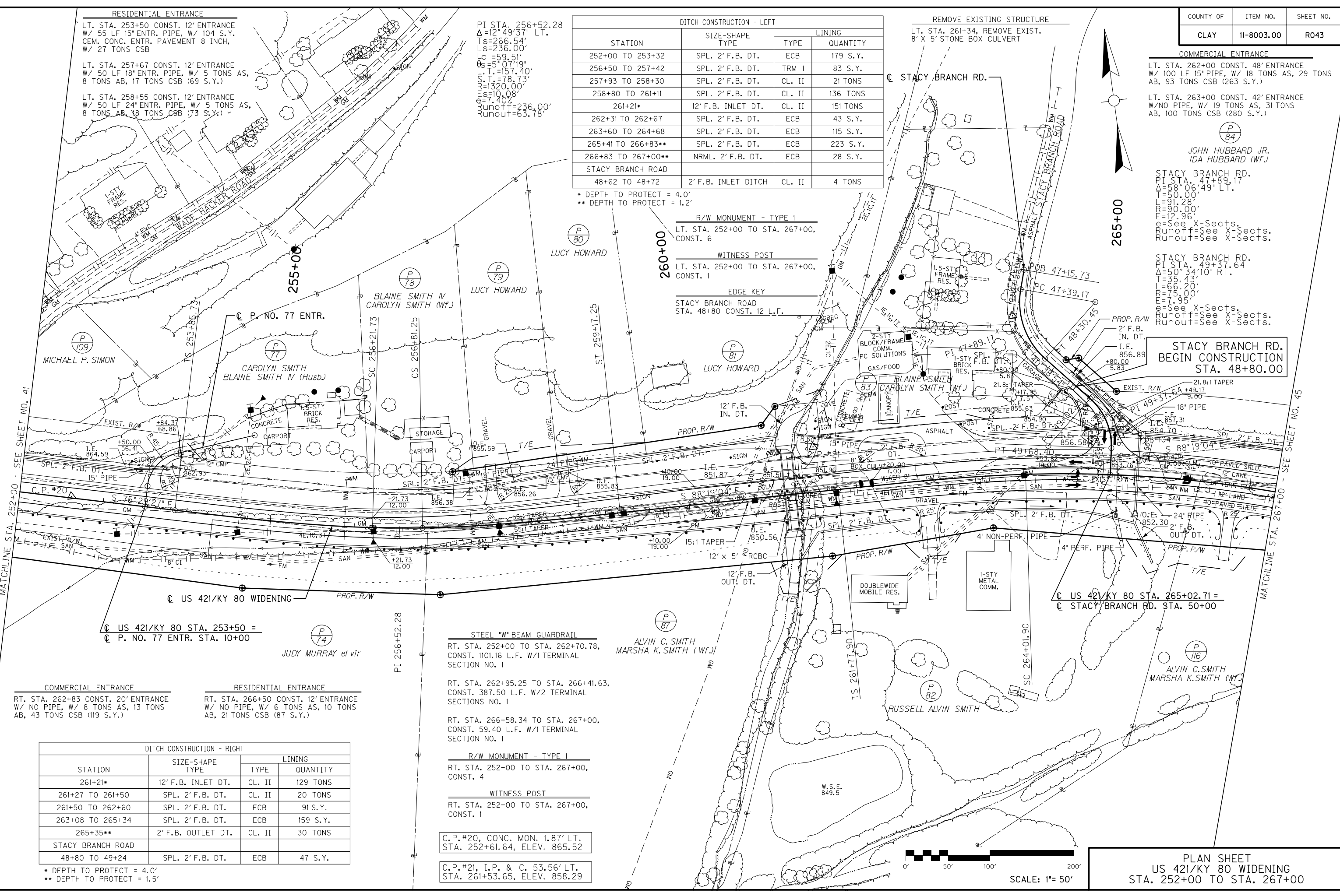
STACY BRANCH RD. BEGIN CONSTRUCTION STA. 48+80.00

* DEPTH TO PROTECT = 4.0'
 ** DEPTH TO PROTECT = 1.2'

R/W MONUMENT - TYPE 1
 LT. STA. 252+00 TO STA. 267+00,
 CONST. 6

WITNESS POST
 LT. STA. 252+00 TO STA. 267+00,
 CONST. 1

EDGE KEY
 STACY BRANCH ROAD
 STA. 48+80 CONST. 12 L.F.



US 421/KY 80 STA. 253+50 = P. NO. 77 ENTR. STA. 10+00

US 421/KY 80 STA. 265+02.71 = STACY BRANCH RD. STA. 50+00

COMMERCIAL ENTRANCE
 RT. STA. 262+83 CONST. 20' ENTRANCE
 W/ NO PIPE, W/ 8 TONS AS, 13 TONS
 AB, 43 TONS CSB (119 S.Y.)

RESIDENTIAL ENTRANCE
 RT. STA. 266+50 CONST. 12' ENTRANCE
 W/ NO PIPE, W/ 6 TONS AS, 10 TONS
 AB, 21 TONS CSB (87 S.Y.)

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
261+21*	12' F.B. INLET DT.	CL. II	129 TONS
261+27 TO 261+50	SPL. 2' F.B. DT.	CL. II	20 TONS
261+50 TO 262+60	SPL. 2' F.B. DT.	ECB	91 S.Y.
263+08 TO 265+34	SPL. 2' F.B. DT.	ECB	159 S.Y.
265+35**	2' F.B. OUTLET DT.	CL. II	30 TONS
STACY BRANCH ROAD			
48+80 TO 49+24	SPL. 2' F.B. DT.	ECB	47 S.Y.

* DEPTH TO PROTECT = 4.0'
 ** DEPTH TO PROTECT = 1.5'

STEEL "W" BEAM GUARDRAIL
 RT. STA. 252+00 TO STA. 262+70.78,
 CONST. 1101.16 L.F. W/1 TERMINAL
 SECTION NO. 1

RT. STA. 262+95.25 TO STA. 266+41.63,
 CONST. 387.50 L.F. W/2 TERMINAL
 SECTIONS NO. 1

RT. STA. 266+58.34 TO STA. 267+00,
 CONST. 59.40 L.F. W/1 TERMINAL
 SECTION NO. 1

R/W MONUMENT - TYPE 1
 RT. STA. 252+00 TO STA. 267+00,
 CONST. 4

WITNESS POST
 RT. STA. 252+00 TO STA. 267+00,
 CONST. 1

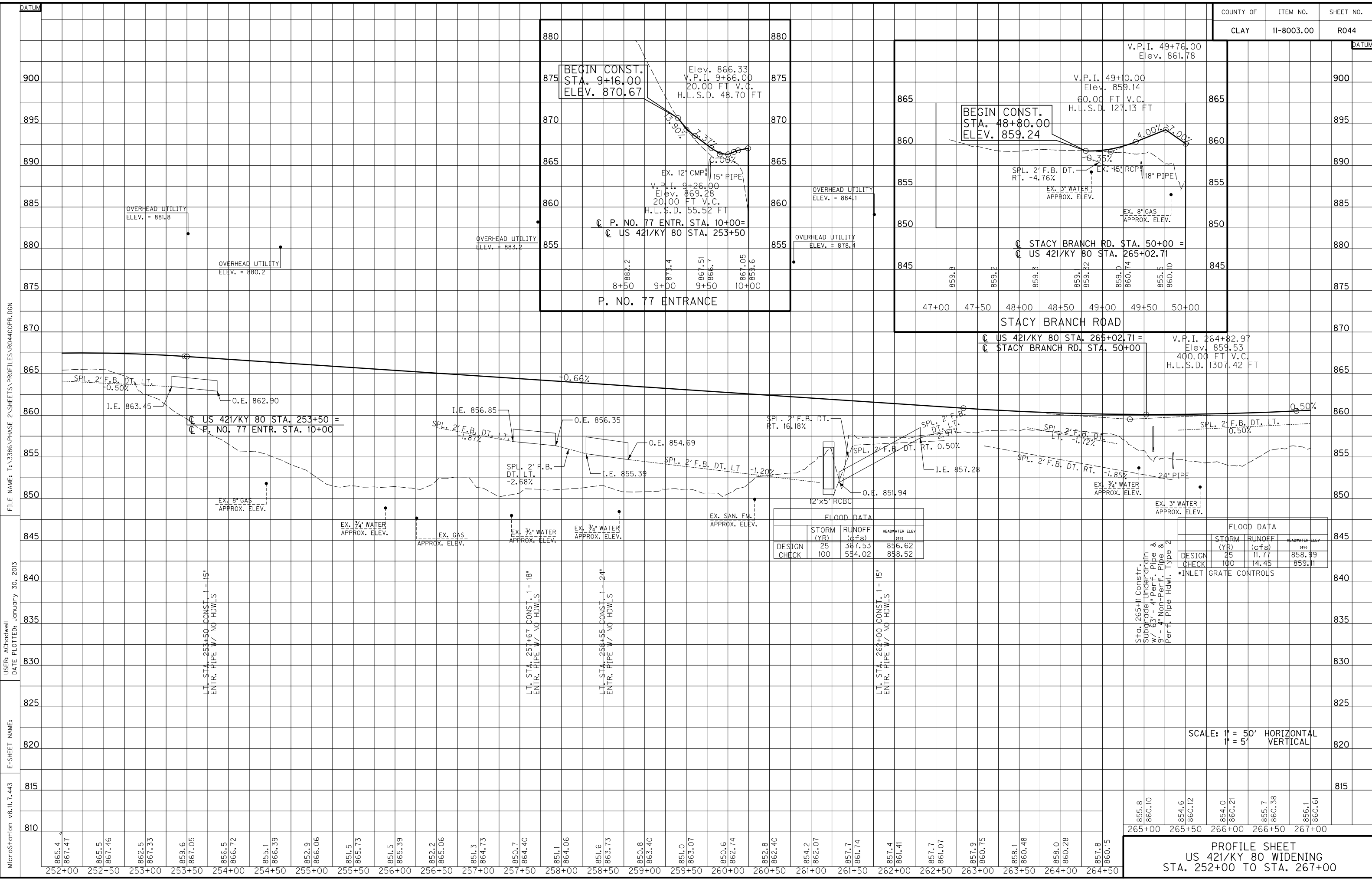
C.P.#20, CONC. MON. 1.87' LT.
 STA. 252+61.64, ELEV. 865.52

C.P.#21, I.P. & C. 53.56' LT.
 STA. 261+53.65, ELEV. 858.29



PLAN SHEET
 US 421/KY 80 WIDENING
 STA. 252+00 TO STA. 267+00

FILE NAME: T:\3386 PHASE 2\ SHEETS\PLAN\R04300PL.DGN
 USER: JMGin
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443



BEGIN CONST. STA. 9+16.00 ELEV. 870.67

Elev. 866.33
V.P.I. 9+66.00
20.00 FT V.C.
H.L.S.D. 48.70 FT

EX. 12" CMP 15" PIPE
V.P.I. 9+26.00
Elev. 869.28
20.00 FT V.C.
H.L.S.D. 55.52 FT

OVERHEAD UTILITY ELEV. = 884.1

OVERHEAD UTILITY ELEV. = 878.4

OVERHEAD UTILITY ELEV. = 883.2

OVERHEAD UTILITY ELEV. = 881.8

OVERHEAD UTILITY ELEV. = 880.2

8+50 9+00 9+50 10+00

P. NO. 77 ENTRANCE

BEGIN CONST. STA. 48+80.00 ELEV. 859.24

V.P.I. 49+76.00
Elev. 861.78

V.P.I. 49+10.00
Elev. 859.14
60.00 FT V.C.
H.L.S.D. 127.13 FT

EX. 45" RCP 18" PIPE

EX. 3" WATER APPROX. ELEV.

EX. 8" GAS APPROX. ELEV.

SPL. 2' F.B. DT. RT. -4.76%

STACY BRANCH RD. STA. 50+00 =
US 421/KY 80 STA. 265+02.71

47+00 47+50 48+00 48+50 49+00 49+50 50+00

STACY BRANCH ROAD

FLOOD DATA

DESIGN CHECK	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (FT)
25	367.53	856.62	
100	554.02	858.52	

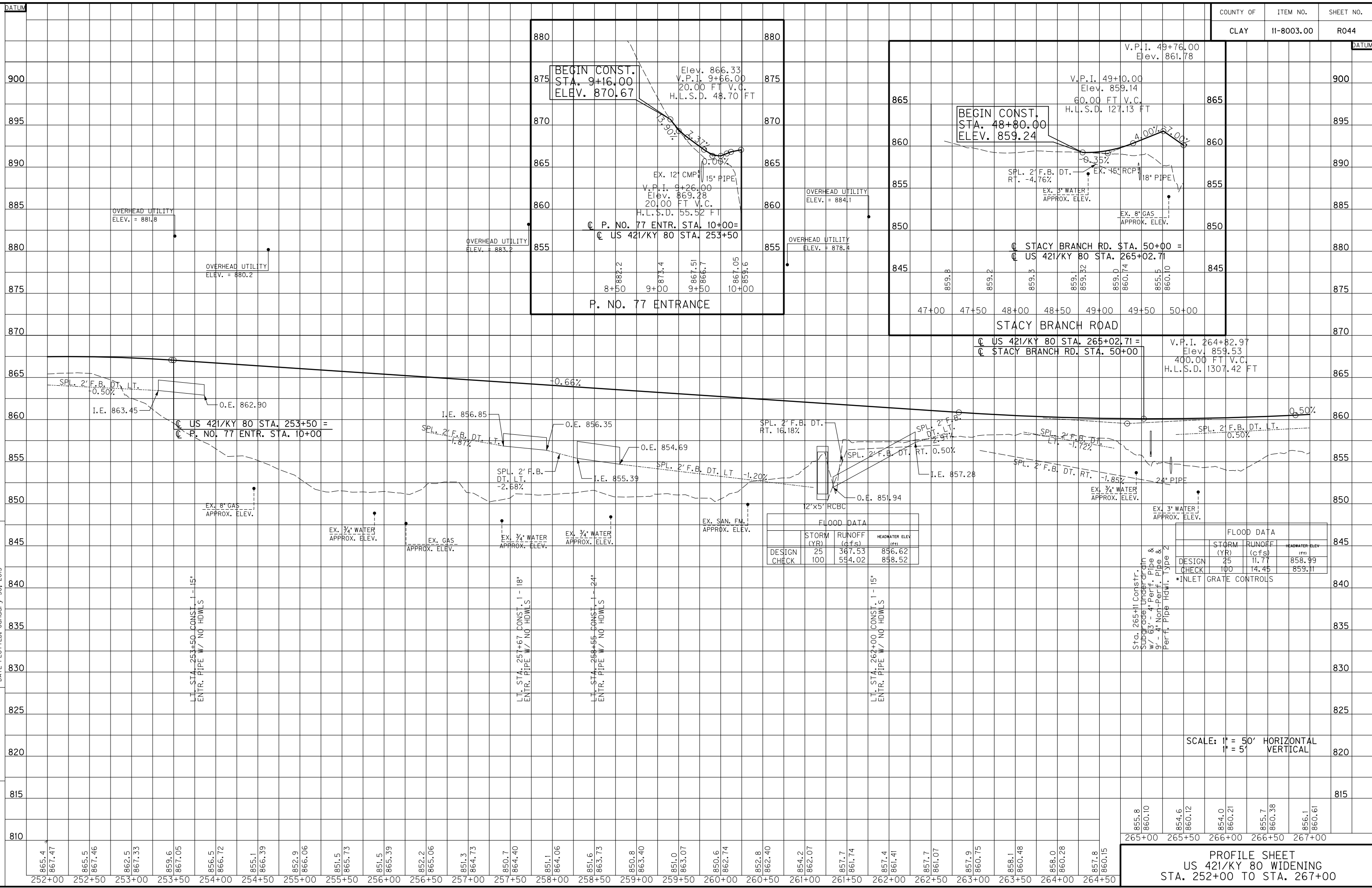
FLOOD DATA

DESIGN CHECK	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (FT)
25	11.77	858.99	
100	14.45	859.11	

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 252+00 TO STA. 267+00

MicroStation v8.11.7.443 E-SHEET NAME: USER: AChadwell DATE PLOTTED: January 30, 2013 FILE NAME: T:\3386 PHASE 2\ SHEETS\PROFILES\R04400PR.DGN



BEGIN CONST. STA. 9+16.00 ELEV. 870.67

Elev. 866.33
V.P.I. 9+66.00
20.00 FT V.C.
H.L.S.D. 48.70 FT

EX. 12" CMP 15" PIPE
V.P.I. 9+26.00
Elev. 869.28
20.00 FT V.C.
H.L.S.D. 55.52 FT

OVERHEAD UTILITY ELEV. = 884.1

OVERHEAD UTILITY ELEV. = 878.4

OVERHEAD UTILITY ELEV. = 883.2

OVERHEAD UTILITY ELEV. = 881.8

OVERHEAD UTILITY ELEV. = 880.2

8+50 9+00 9+50 10+00

P. NO. 77 ENTRANCE

BEGIN CONST. STA. 48+80.00 ELEV. 859.24

V.P.I. 49+76.00
Elev. 861.78

V.P.I. 49+10.00
Elev. 859.14
60.00 FT V.C.
H.L.S.D. 127.13 FT

EX. 45" RCP 18" PIPE

EX. 3" WATER APPROX. ELEV.

EX. 8" GAS APPROX. ELEV.

SPL. 2' F.B. DT. RT. -4.76%

STACY BRANCH RD. STA. 50+00 =
US 421/KY 80 STA. 265+02.71

47+00 47+50 48+00 48+50 49+00 49+50 50+00

STACY BRANCH ROAD

FLOOD DATA

DESIGN CHECK	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (FT)
25	367.53	856.62	
100	554.02	858.52	

FLOOD DATA

DESIGN CHECK	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (FT)
25	11.77	858.99	
100	14.45	859.11	

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 252+00 TO STA. 267+00

MicroStation v8.11.7.443 E-SHEET NAME: USER: AChadwell DATE PLOTTED: January 30, 2013 FILE NAME: T:\3386 PHASE 2\ SHEETS\PROFILES\R04400PR.DGN

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
267+00 TO 269+60	NRML. 2' F.B. DT.	ECB	426 S.Y.
270+23	2' F.B. INLET DT.	CL. II	24 TONS
272+53*	VARIABLE F.B. IN. DT.	CL. III	380 TONS
272+83 TO 274+54	SPL. 2' F.B. DT.	CL. III	132 TONS
275+26 TO 275+64	SPL. 2' F.B. DT.	CL. II	24 TONS
276+36 TO 276+57	SPL. 2' F.B. DT.	CL. III	21 TONS
277+15 TO 277+50	SPL. 2' F.B. DT.	CL. III	34 TONS
277+50 TO 279+50	SPL. 2' F.B. DT.	CL. III	214 TONS
KY 149			
48+50	2' F.B. INLET DITCH	CL. II	9 TONS
DAIRY FARM ROAD			
48+50 TO 49+30	SPL. 2' F.B. DITCH	ECB	77 S.Y.

* DEPTH TO PROTECT = 4.0'

KY 149 RELOC.
BEGIN CONSTR.
STA. 45+75.00

KY 149 RELOC.
PI STA. 48+21.87
 $\Delta=19.39/12'$ LT.
 $T=152.08'$
 $L=301.17'$
 $R=178.00'$
 $E=13.07'$
Runoff=See X-Sects.
Runout=See X-Sects.

DAIRY FARM RD.
BEGIN CONSTRUCTION
STA. 48+50.00

REMOVE EXISTING STRUCTURE
LT. STA. 272+54, REMOVE EXIST.
DOUBLE 14' X 8' R.C.B.C.

R/W MONUMENT - TYPE I
LT. STA. 267+00 TO STA. 280+90,
CONST. 17

WITNESS POST
LT. STA. 267+00 TO STA. 280+90,
CONST. 1

RESIDENTIAL ENTRANCE
LT. STA. 275+93 CONST. 22' ENTRANCE
W/ 74 LF 24" ENTR. PIPE, W/ 245 S.Y.
CEM. CONC. ENTR. PAVEMENT 8 INCH,
W/ 60 TONS CSB

RESIDENTIAL ENTRANCE
LT. STA. 276+94 CONST. 12' ENTRANCE
W/ 50 LF 24" ENTR. PIPE W/ 1 S.B.O.
TY. 1, W/ 5 TONS AS, 8 TONS AB,
25 TONS CSB (69 S.Y.)

STEEL "W" BEAM GUARDRAIL
KY 149 RELOC. LT. STA. 45+75 TO DAIRY
FARM ROAD RT. STA. 49+14.43,
CONST. 762.50 L.F. W/1 END TREATMENT
TYPE 2A AND W/1 TERMINAL
SECTION NO. 1

US 421/KY 80 STA. 274+93 =
DAIRY FARM RD. STA. 50+00

US 421/KY 80 STA. 271+17.78 =
KY 149 RELOC. STA. 80+00

US 421/KY 80 STA. 276+94 =
P. NO. 91 ENTR. STA. 10+00

US 421/KY 80 STA. 278+38 =
P. NO. 93 ENTR. STA. 10+00

END CONSTRUCTION
STA. 280+90.00

RESIDENTIAL ENTRANCE
RT. STA. 274+76 CONST. 12' ENTRANCE
W/ 60 LF 30" ENTR. PIPE, W/ 7 TONS
AS, 11 TONS AB, 35 TONS CSB (96 S.Y.)

RESIDENTIAL ENTRANCE
RT. STA. 277+35 CONST. 12' ENTRANCE
W/ 55 LF 18" ENTR. PIPE, W/ 6 TONS
AS, 10 TONS AB, 32 TONS CSB (89 S.Y.)

RESIDENTIAL ENTRANCE
RT. STA. 278+38 CONST. 12' ENTRANCE
W/ 60 LF 24" ENTR. PIPE, W/ 6 TONS
AS, 10 TONS AB, 32 TONS CSB (89 S.Y.)

RESIDENTIAL ENTRANCE
RT. STA. 279+35 CONST. 12' ENTRANCE
W/ 32 LF 18" ENTR. PIPE, W/ 2 S.B.O.
TY. 1, W/ 5 TONS AS, 8 TONS AB,
27 TONS CSB (74 S.Y.)

RESIDENTIAL ENTRANCE
RT. KY 149 RELOC. STA. 48+30 CONST.
18' ENTRANCE W/ 105 LF 15" ENTR. PIPE,
W/ 31 TONS AS, 50 TONS AB, 159 TONS
CSB (447 S.Y.)

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
269+64	2' F.B. OUTLET DT.	CL. II	14 TONS
271+97*	VARIABLE F.B. OUT DT.	CL. III	464 TONS
272+06 TO 273+50**	2' F.B. SURF. DT.	CL. III	139 TONS
273+50 TO 274+58**	2' F.B. SURF. DT.	CL. III	135 TONS
275+20 TO 277+05**	2' F.B. SURF. DT.	CL. III	176 TONS
277+59 TO 278+00	SPL. 2' F.B. DT.	CL. III	46 TONS
278+60 TO 279+11	SPL. 2' F.B. DT.	CL. III	49 TONS
279+57 TO 280+00	SPL. 2' F.B. DT.	CL. III	41 TONS
P. NO. 85 ENTR.			
10+50 TO 10+66	SPL. "V" DT.	ECB	22 S.Y.
10+66 TO 11+11	SPL. 2' F.B. DT.	TRM 1	46 S.Y.

* DEPTH TO PROTECT = 5.0'
** DEPTH TO PROTECT = 1.5'

PI STA. 270+35.53
 $\Delta=53.26/09'$ RT.
 $Ts=857.63'$
 $Ls=224.00'$
 $Lc=1156.29'$
 $R=4.20/09'$
 $Ls=149.38'$
 $Ls=149.38'$
 $R=1480.00'$
 $E=178.49'$
 $E=178.49'$
Runoff=224.00'
Runout=64.00'

STEEL "W" BEAM GUARDRAIL
RT. STA. 267+00 TO STA. 274+81.26,
CONST. 790.60 L.F. W/1 TERMINAL
SECTION NO. 1

R/W MONUMENT - TYPE I
RT. STA. 267+00 TO STA. 280+90,
CONST. 8

WITNESS POST
RT. STA. 267+00 TO STA. 280+90,
CONST. 1

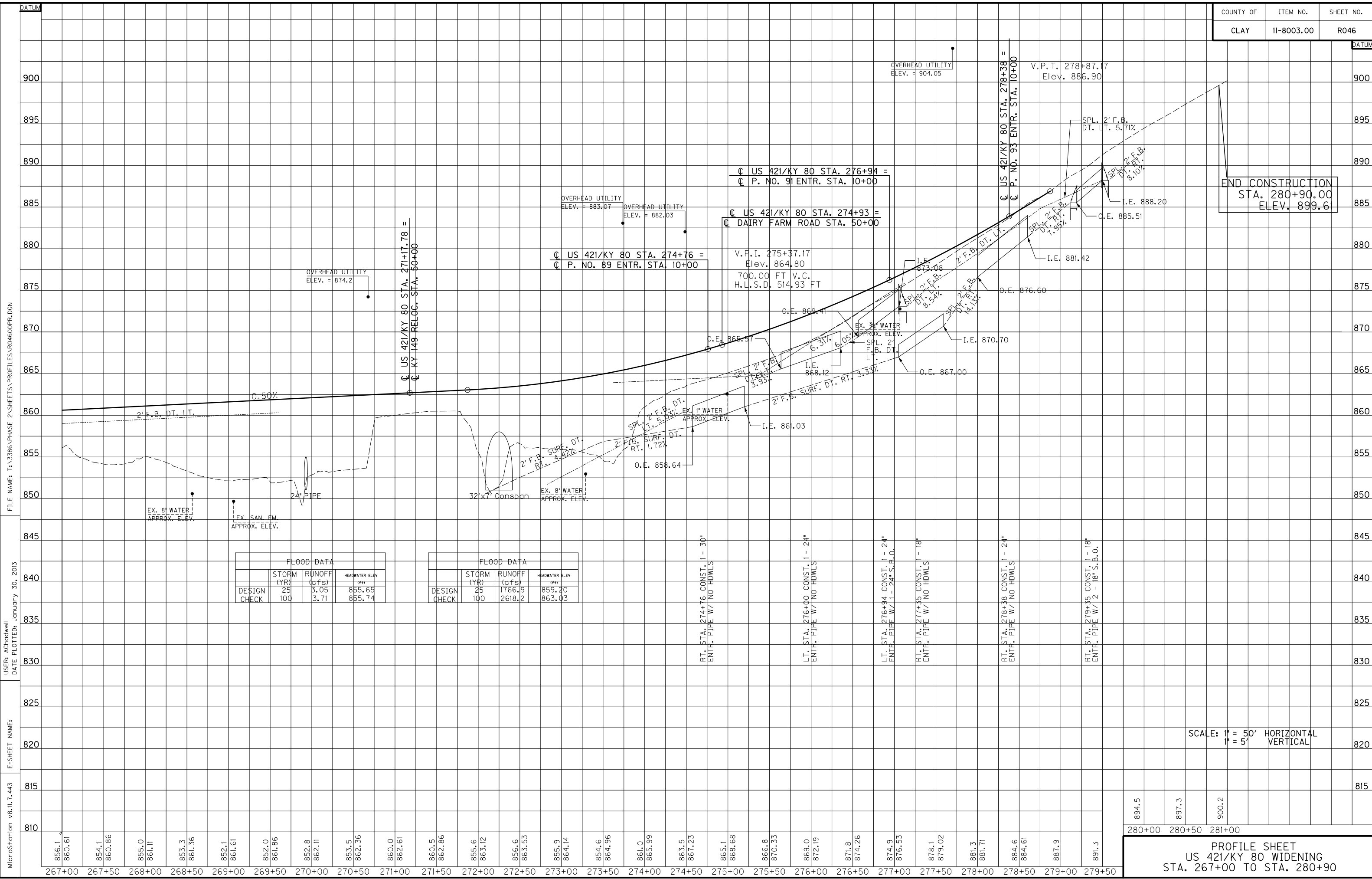
C.P.#22, CONC. MON. 84.82' LT.
STA. 270+78.20, ELEV. 861.56

C.P.#25, CONC. MON. 16.56' LT.
STA. 281+15.84, ELEV. 900.92



PLAN SHEET
US 421/KY 80 WIDENING
STA. 267+00 TO STA. 280+90

FILE NAME: T:\3386\PHASE 2\SHEETS\PLAN\R04500PL.DGN
 USER: JMGin
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443



FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (FT)
DESIGN	25	5.05	855.65
CHECK	100	3.71	855.74

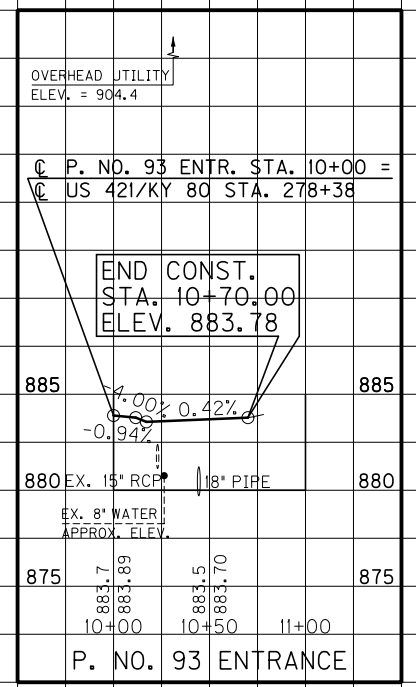
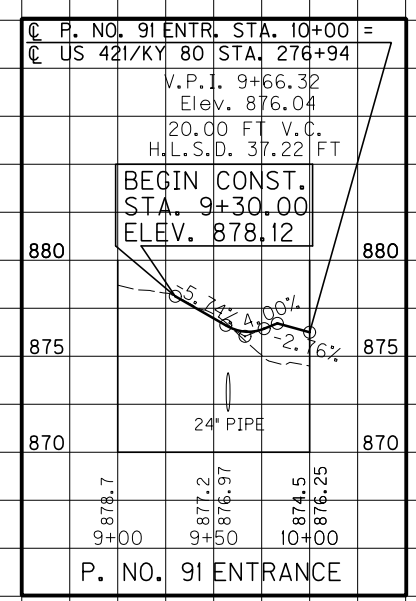
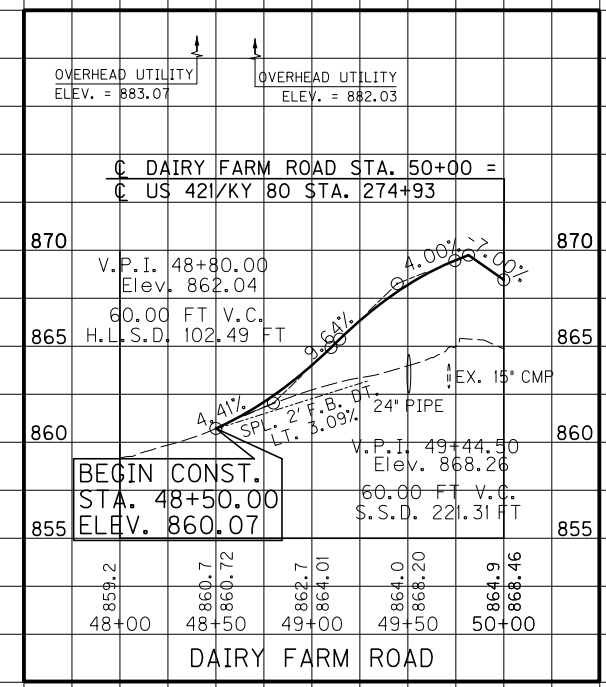
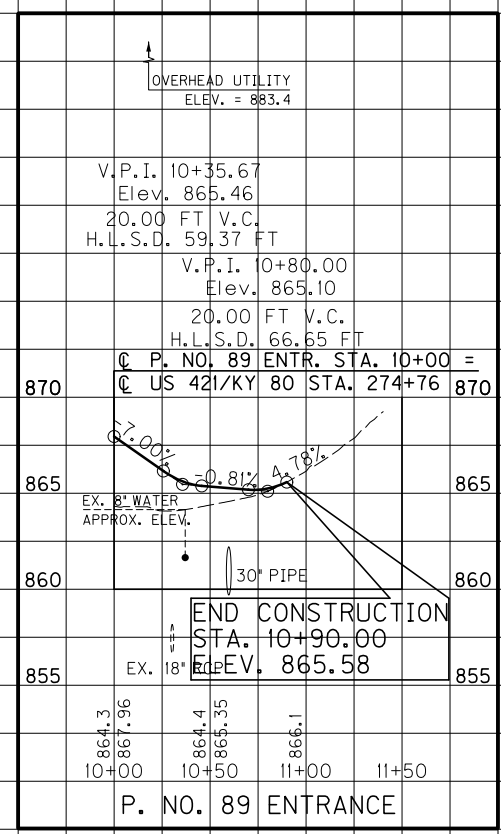
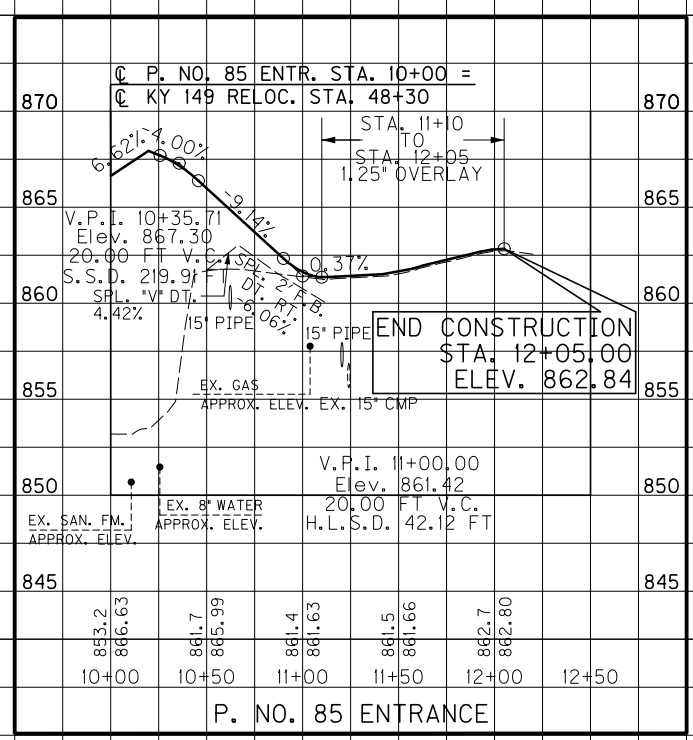
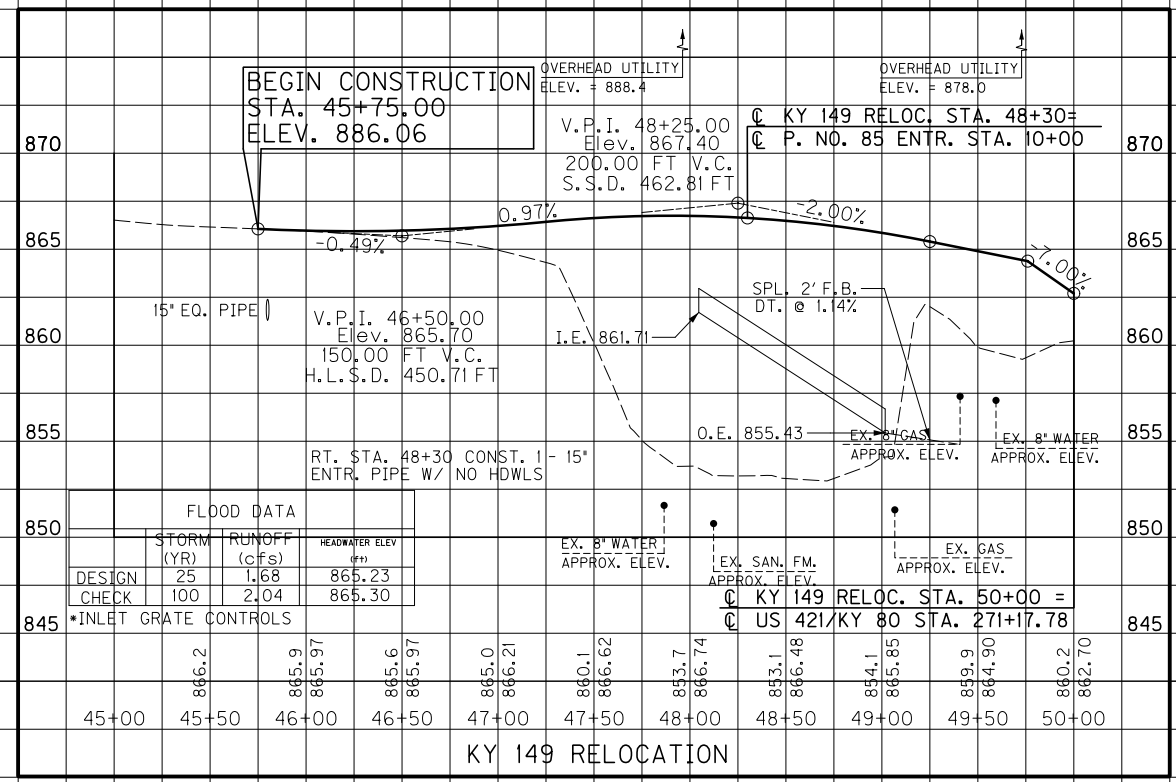
FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (FT)
DESIGN	25	1766.9	859.20
CHECK	100	2618.2	863.03

894.5	897.3	900.2
280+00	280+50	281+00

SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

PROFILE SHEET
US 421/KY 80 WIDENING
STA. 267+00 TO STA. 280+90

MicroStation v8.11.7.443 E-SHEET NAME: USER: AChadwell DATE PLOTTED: January 30, 2013 FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R04600PR.DGN



SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

FILE NAME: T:\3386\PHASE 2\SHEETS\PROFILES\R046A\PR.DGN
 USER: BCartison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

RIGHT OF WAY SUMMARY

PARCEL NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER					SOURCE OF TITLE	REMARKS*
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT SQ. FT.	TEMPORARY SQ. FT.	LEFT		RIGHT		ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S			
								ACRES	SQ. FT.	ACRES	SQ. FT.														
1	MARTY JOHNSON THERESA JOHNSON (Wf.)		31,008				10,536		31,008					31,008	3	X							DB. 219, PG. 590		
2	C & S CHEVRON INC.		34,255				13,432				34,255			34,255	3	X							DB. 248, PG. 388		
3	CLAY COUNTY BOARD OF EDUCATION DBA Horse Creek Elementary	6.86		(	NOT USED	)							6.86	3	X									
4	BYRON MARCUM ELLA MARCUM (Wf.)		30,190	(	NOT USED	)								30,190	3	X							DB. 165, PG. 171	
5	EDITH REID ESTATE VERNON M. REID, EXECUTOR		24,148	(	NOT USED	)								24,148	5		X						DB. 238, PG. 078 WB. 21, PG. 018	
6	JAMES M. WARD CHARLES PHILLIPS et al	6.66		(	NOT USED	)								6.66	3		X						DB. 244, PG. 583	
7	CAROLYN MILLS	1.13			124			11,177		1.13				1.13	3	X							DB. 203, PG. 439 DB. 170, PG. 334 DB. 278, PG. 321		
8	SAMUEL CURTIS WOOTON et al		32,692					153		32,692				32,692	1		X								
9	RAY SWAFFORD JOY HAND SWAFFORD (Wf.)		5,150	(	NOT USED	)								5,150	1		X						DB. 160, PG. 083	
10	JACK HARRIS NEVILLE SMITH		7,514	(	NOT USED	)								7,514	1		X						DB. 154, PG. 630	
11	JAMES PHILLIPS LESLIE PHILLIPS (Wf.)		12,291	(	NOT USED	)								12,291	1		X						DB. 256, PG. 466	
12	PATTY H. GARRISON		9,428	(	NOT USED	)								9,428	1		X						DB. 274, PG. 262	
13	JAYESH PATEL et ux		33,467					210		33,467				33,467	1		X						DB. 297, PG. 188		
14	SAMUEL CURTIS WOOTON et al		5,542		24			1,503		5,518				5,518	1		X						DB. 278, PG. 329		
15	CAROLYN MILLS		19,193			111							19,193	3	X								DB. 203, PG. 439		
16	DANIEL BOONE DEVELOPMENT COUNCIL INC.	1.58			1,180			1.55					1.55	3	X								DB. 237, PG. 521		
17	ROBERT S. GOFORTH	1.69						480	1.69				1.69	3		X							DB. 293, PG. 571		
18	THE ROLYAS TRUST C/O LEE SAYLOR, Trustee		18,532	(	NOT USED	)								18,532	1		X						DB. 287, PG. 105	
19	CAROLYN MILLS		5,827	(	NOT USED	)								5,827	4		X						DB. 206, PG. 511	
20	J SHELBY INC.	1.34						342		1.34				1.34	3		X						DB. 286, PG. 520		
21	JAMESON PROPERTIES INC.	1.61			5,257	1,047		5,363	1.49				1.49	1		X		2					DB. 248, PG. 539 DB. 165, PG. 147		
22	DOBSON INVESTMENT PROPERTIES LLC	2.17						10,940		2.17			2.17	3		X							DB. 292, PG. 081 DB. 141 PG. 159		
23	DOBSON INVESTMENT PROPERTIES LLC	1.54						7,790	1.54				1.54	1		X							DB. 292, PG. 081		
24	ALMA FAYE GREGORY, et vir		34,227		7,270			5,898		26,957				26,957	1		X						DB. 252, PG. 486		
25	JAMESON INVESTMENT PROPETRIES	17.50			6,791			3,119	17.34				17.34	3		X							DB. 239, PG. 390		
26	CLAY COUNTY KENTUCKY	2.37			386	1,676		1,996		2.36			2.36	3		X							DB. 264, PG. 133		
27	DONALD RAY JONES ROSETTA JONES (Wf.)		3,145					3,145		3,145				3,145	1		X		1				DB. 245, PG. 594		
28	ETHEL HIBBARD ROGER HIBBARD (HUSB.)	1.41		(	NOT USED	)							1.41	1		X							DB. 155, PG. 183	
29	HARDY OIL CO. INC.	1.15			12,368			16,077		37,726				37,726	1	X		3					DB. 252, PG. 412		
30	ROGER HIBBARD ETHEL HIBBARD (Wf.)		23,606	(	NOT USED	)								23,606	1		X						DB. 198, PG. 093	

FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R04700RW.DGN
 USER: jkain
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

NOTE: PERMANENT R/W ACQUIRED + AREA SEVERED = TOTAL AREA OF TRACT.
 BASIS FOR DETERMINATION OF AREA OF TRACT FOR PARCELS 1-30 WAS CALCULATED.

TYPE SEWER SYSTEM
 1. PRIVATE - INDIVIDUAL
 2. PRIVATE - MULTI PARTY
 3. PUBLIC
 4. NONE
 5. NOT APPLICABLE

BUILDINGS ACQUIRED CODE
 C - COMMERCIAL
 R - RESIDENTIAL
 F - FARM
 S - STORAGE

*INCLUDES HAZARDOUS WASTE
 (UST - UNDERGROUND STORAGE TANKS)

RIGHT OF WAY SUMMARY

PARCEL NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER					SOURCE OF TITLE	REMARKS*
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT SQ. FT.	TEMPORARY SQ. FT.	LEFT		RIGHT		ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S			
								ACRES	SQ. FT.	ACRES	SQ. FT.														
31	CLAY COUNTY BOARD OF EDUCATION DBA PACES CREEK ELEMENTARY	21.34		1.78		12,538	70,792	19.56						19.56		3							DB. 131 PG. 459		
32	CLAY COUNTY FISCAL COURT	1.12		(	NOT USED	)								1.12		3		x					DB. 198. PG. 371	
33	STEVE COLLINS FLP LTD	2.04				1,262	3,393			2.04				2.04		1		x					DB. 291 PG. 314		
34	STEVE COLLINS FLP LTD	2.34				761	3,302			2.34				2.34		3		x					DB. 291 PG. 314		
35	J. L. HOWARD JACKIE HOWARD	1.30					14,179			1.30				1.30		1		x					DB. 182, PG. 067		
36	CHARLES D. KEITH	2.93				3,762	7,054			2.93				2.93		1		x					DB. 218, PG. 282 WB. 08, PG. 589		
37	LINDA JOYCE SMITH et al	3.70			1,184	2,434	6,037	3.67						3.67		1		x					DB. 246, PG. 232		
38	P & E FARMS INC.		27,904		1,574	3,880	6,740						26,330		26,330	1		x					DB. 271, PG. 414		
39	MAURICE K. SMITH LOLA DEANE SMITH (Wf.)	1.03			1,877	1,703	8,607						42,989		42,989	1		x	1				DB. 140, PG. 309		
40	ANNETTE MORGAN-WHITE	1.10			884	987	4,343	1.08						1.08		1		x					DB. 200, PG. 606		
41	ALENE MORGAN REVOCABLE TRUST	7.68			2,557	602	13,776	7.62						7.62		1		x	1				DB. 297, PG. 542 DB. 294, PG. 318		
42	DONNIE SANDLIN VERDALAN SANDLIN (Wf.)		9,501		2,442		13,292						7,059		7,059	1		x					DB. 186, PG. 530		
43	JOHN ROBERT COLLETT JEWELL H. COLLETT (Wf.)	4.83		(	NOT USED	)								4.83		1		x					DB. 130, PG. 423	
44	PAULINE GRAY		15,451				1,512						15,451		15,451	1		x					DB. 295, PG. 062		
45	ROBERT ISOM	1.00					131			1.00				1.00		1		x					DB. 227, PG. 094		
46	ROBERT ISOM		11,921	(	NOT USED	)								11,921		1		x					DB. 278, PG. 572	
47	J. C. GRAY PAULINE GRAY (Wf.)		9,680	(	NOT USED	)								9,680		1		x					DB. 264, PG. 525	
48	DELBERT SMITH JANET SMITH (Wf.)		35,245				1,332						35,245		35,245	1		x					DB. 204, PG. 528		
49	DELBERT SMITH JANET SMITH (Wf.)		19,432	(	NOT USED	)								19,432		1		x					DB. 297, PG. 593	
50	DOUGLAS ROARK PRISCILLA ROARK (Wf.)		9,608		2,454		2,929		7,154					7,154		1		x				1	DB. 255, PG. 080		
51	J. C. GRAY PAULINE GRAY (Wf.)	1.18			12,708	3,431	11,032						38,693		38,693	1		x	2	1			DB. 141, PG. 644 DB. 171, PG. 077	DB. 174, PG. 150	
52	J. C. GRAY PAULINE GRAY (Wf.)		36,265		13,975	159	9,689						22,290		22,290	1		x	1				DB. 199, PG. 548		
53	ROBERT ISOM		9,372		2,399		2,033						6,973		6,973	1		x					DB. 188, PG. 206		
54	RANDALL WAGERS ROSEMARY WAGERS (Wf.)	2.52			181		3,983			2.52				2.52		1		x					DB. 263, PG. 247		
55	ROBERT ISOM LINDA ISOM (Wf.)		41,818	(	NOT USED	)								41,818		1		x					DB. 234, PG. 591	
56	TOM BOTKINS		10,209		282		1,016		9,927					9,927		1		x					DB. 296, PG. 621		
57	DAVID'S STARTER & ALTERNATORS SHOP INC.		14,063		513	360	1,654		13,550					13,550		1		x					DB. 238, PG. 367		
58	JOSEPH L. MASSEY, INC.		27,039		908	1,499	2,030		26,131					26,131		1		x					DB. 293, PG. 135		
59	DENNIS STEELY MITZI STEELY (Wf.)		10,460		776	720	4,282		9,684					9,684		1		x	1				DB. 261, PG. 286		
60	JOHN LEE PROPERTIES LLC		11,922		869	1,182	4,502		11,053					11,053		1		x					DB. 281, PG. 089		

FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R04800RW.DGN
 USER: jkain
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

NOTE: PERMANENT R/W ACQUIRED + AREA SEVERED = TOTAL AREA OF TRACT.
 BASIS FOR DETERMINATION OF AREA OF TRACT FOR PARCELS 31-60 WAS CALCULATED.

TYPE SEWER SYSTEM
 1. PRIVATE - INDIVIDUAL
 2. PRIVATE - MULTI PARTY
 3. PUBLIC
 4. NONE
 5. NOT APPLICABLE

BUILDINGS ACQUIRED CODE
 C - COMMERCIAL
 R - RESIDENTIAL
 F - FARM
 S - STORAGE

*INCLUDES HAZARDOUS WASTE
 (UST - UNDERGROUND STORAGE TANKS)

RIGHT OF WAY SUMMARY

PARCEL NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER					SOURCE OF TITLE	REMARKS*
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT SQ. FT.	TEMPORARY SQ. FT.	LEFT		RIGHT		ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S			
								ACRES	SQ. FT.	ACRES	SQ. FT.														
61	ROGER HIBBARD ETHEL HIBBARD (Wf.)	1.56			1,386		6,101			1.53				1.53		1		X					DB. 183, PG. 283 DB. 178, PG. 688	DB. 192, PG. 185	
62	REBECCA SMITH, EXECUTRIX	1.69			22,004	543	22,773	1.18						1.18		1		X					DB. 242, PG. 038 WB. 14, PG. 296, W	WB. 16, PG. 014	
63	CHERYL GABBARD et vir ELMER GABBARD JR. et ux		23,865				2,793							23,865		1		X					DB. 220, PG. 647 DB. 228, PG. 096		
64	MAURICE SMITH et al	49.29			4,215	4,827	42,281			49.19				49.19		3	X		1				DB. 214, PG. 163 DB. 160, PG. 159		
65	MAURICE SMITH et al	2.66			8,941	4,676	29,318	2.45						2.45		3	X						DB. 214, PG. 163		
66	MAURICE K. SMITH et al	1.50			8,388	10,005	19,894			1.31				1.31		1		X	1	1			DB. 248, PG. 007		
67	GARRARD PRESBYTERIAN CHURCH		40,067		2,327	2,845	6,767		37,740					37,740		3	X						DB. *Y*, PG. 534		
68	MAURICE SMITH et al	23.35			23,898		2,927			22.80				22.80		1		X					DB. 214, PG. 163		
69	ROOT PROPERTY LLC	21.57		2.70			2,253	18.87						18.87		4		X					DB. 270, PG. 374		
70	JUDY MURRAY et vir	372.95		5.61			61,756		367.34					367.34		1		X	1				DB. 110, PG. 509 WB. 20, PG. 696	D.B. 181, PG. 451, D.B. 132, PG. 241, DB. 115, PG. 571, WB. 04, PG. 127	
71	MAURICE K. SMITH et al	10.37			27,008		11,907			9.75				9.75		3	X						DB. 214, PG. 163 DB. 181, PG. 451		
72	CEMETERY		5,010		(NOT USED)									5,010		4		X							
73	JOHNNY DEAN SMITH		38,005				1,902							38,005		3		X					DB. 237, PG. 173		
74	JUDY MURRAY et vir	32.13		2.25			4,462			29.88				29.88		3	X						DB. 184, PG. 596 WB. 20, PG. 696	WB. 04, PG. 127	
75	WILEY ASHER MABEL ASHER		10,725		6,956		3,769							3,769		1	X		2				DB. 133, PG. 363		
76	MICHAEL P. SIMON et ux	1.72			1,648			1.68						1.68		1		X					DB. 273, PG. 583		
77	CAROLYN SMITH BLAINE SMITH IV (Husb.)	1.03					352							1.03		1		X					DB. 218, PG. 187		
78	BLAINE SMITH IV CAROLYN SMITH (Wf.)		32,157		30		159		32,127					32,127		1		X					DB. 254, PG 180		
79	LUCY HOWARD		30,648		560		1,262		30,088					30,088		4		X					DB. 179, PG. 343		
80	LUCY HOWARD		36,144		1,123		683		35,021					35,021		4		X					DB. 212, PG. 690 WB. 18, PG. 744	WB. 14 PG. 286	
81	LUCY HOWARD	1.05			2,802		313		42,936					42,936		1		X					DB. 179, PG. 070 WB. 18, PG. 744	WB. 14 PG. 286	
82	RUSSELL ALVIN SMITH	4.74			31,496		3,644			4.02				4.02		3	X						DB. 279, PG. 109 DB. 269, PG. 568		
83	BLAINE SMITH CAROLYN SMITH (Wf.)		29,253				2,694		29,253					29,253		3		X					DB. 283, PG. 257		
84	JOHN HUBBARD JR. IDA HUBBARD (Wf.)	98.17			695			98.15						98.15		4		X					DB. 175, PG. 278		
85	RAY ADAMS JR. BEULAH ADAMS (Wf.)	7.02			417	278	1,427		7.01					7.01		1		X					DB. 289, PG. 478		
86	LUCY HOWARD	3.80			(NOT USED)									3.80		1		X					DB. 232, PG. 471		
87	ALVIN C. SMITH MARSHA K. SMITH (Wf.)	6.01			32,630		1,357		5.26					5.26		4		X					DB. 230, PG. 582		
88	RAY ADAMS JR. BEULAH FAE ADAMS (Wf.)	4.65			30,025		603	3.96						3.96		1		X					DB. 230, PG. 151		
89	JOHN TAYLOR SMITH et al	2.39			27,608		7,335		1.76					1.76		1		X		1			DB. 265, PG. 403		
90	RAY ADAMS JR. BEULAH FAE ADAMS (Wf.)		19,504		4,821		3,290		14,683					14,683		1		X					DB. 234, PG. 163		

NOTE: PERMANENT R/W ACQUIRED + AREA SEVERED = TOTAL AREA OF TRACT.
BASIS FOR DETERMINATION OF AREA OF TRACT FOR PARCELS 61-90 WAS CALCULATED.

TYPE SEWER SYSTEM
 1. PRIVATE - INDIVIDUAL
 2. PRIVATE - MULTI PARTY
 3. PUBLIC
 4. NONE
 5. NOT APPLICABLE

BUILDINGS ACQUIRED CODE
 C - COMMERCIAL
 R - RESIDENTIAL
 F - FARM
 S - STORAGE

*INCLUDES HAZARDOUS WASTE
(UST - UNDERGROUND STORAGE TANKS)

FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R04900RW.DGN
 USER: jkain
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

RIGHT OF WAY SUMMARY

PARCEL NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER					SOURCE OF TITLE	REMARKS*
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT SQ. FT.	TEMPORARY SQ. FT.	LEFT		RIGHT		ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S			
								ACRES	SQ. FT.	ACRES	SQ. FT.														
91	MARSHALL HOWARD LORA LEE HOWARD (Wf.)		37,653		5,302		1,271				32,351				32,351	1		x						DB. 186, PG. 299	-
92	VIOLET FELTNER		25,631		3,786		822							21,845			x							DB. 257, PG. 358	
93	ARLIE WOODS BILLIE SUE WOODS (Wf.)		28,526		4,615		638							23,911			x							DB. 274, PG. 677	
94	CHARLOTTE THOMPSON et vir	2.49			2,802					2.43					2.43			x						DB. 230, PG. 140	
95	CLAY COUNTY COOPERATIVE EXTENSION DISTRICT BOARD		32,601		672						31,929				31,929	3		x						DB. 258, PG. 601	6 PARKING SPACES
96	CHARLES LEWIS CARMEN LEWIS		39,959		(NOT USED)										39,959	1		x						DB. 284, PG. 498 DB. 284, PG. 494	
97	CSX TRANSPORTATION, INC	100.00					16,180							100.00			x							DB. 099, PG. 330 DB. 038, PG. 534 DB. 214, PG. 163	DB. 047 PG. 043
98	MAURICE SMITH et al		30,584		7,293		5,688				23,291				23,291	1		x			1			DB. 283, PG. 102 DB. 218, PG. 153	
99	VADA WAGERS		20,978		2,469		1,917				18,509				18,509	3		x			1			DB. 283, PG. 102 DB. 218, PG. 153	
100	JAMES R. CAUDILL JEWELDEAN CAUDILL (Wf.)		33,471		4,292		2,266				29,179				29,179	1		x						DB. 208, PG. 667	
101	JOHNNY T. SMITH	2.81			(NOT USED)									2.81			x							DB. 159, PG. 621	
102	DELBERT JAMES SMITH JANET SMITH (Wf.)	3.22			(NOT USED)									3.22			x							DB. 160 PG. 027	
103	MAURICE SMITH et al	180.65			404		6,759	180.64						180.64			x							DB. 214, PG. 163	
104	HIRAM CORNETT LINDA CORNETT(Wf.)		16,444				929							16,444			x							DB. 289, PG. 685	
105	DELBERT JAMES SMITH JANET SMITH (Wf.)		19,029		1,402						17,627				17,627	1		x						DB. 273, PG. 383	
106	ALENE MORGAN REVOCABLE TRUST		3,637		(NOT USED)									3,637			x		1			1		DB. 297, PG. 542 DB. 294, PG. 318	
107	MAURICE K. SMITH et al	2.33			12,125		14,887	2.05						2.05			x							DB. 248, PG. 007	
108	JUDY MURRAY et vir	117.60			5,497		7,968	117.47						117.47			x							DB. 110, PG. 509 WB. 20, PG. 696	WB. 04, PG. 127
109	MICHAEL P. SIMON		16,283		1,092						15,191				15,191	1		x						DB. 273, PG. 583	
110	EASTERN KENTUCKY RECYCLING, LLC	1.67			9,600		3,705	1.45						1.45			x		1					DB. 290, PG. 734	
111	REBECCA SMITH, EXECUTRIX	6.59					1,192	6.59						6.59			x							DB. 243, PG. 026 WB. 14, PG. 296	WB. 16, PG. 014
112	CLIFFORD M. SMITH		3,506		(NOT USED)									3,506			x							DB. 140, PG. 647	
113	DELBERT J. SMITH		3,417				3,417							3,417			x		1					DB. 140, PG. 641	
114	JOHNNY TAYLOR SMITH et ux		3,419		3,381		38				38			38			x		1					DB. 140, PG. 639	
115	MICHAEL ANTHONY ADAMS et ux	1.00			1,723						41,837			41,837			x							DB. 295, PG. 588	
116	ALVIN C. SMITH MARSHA K. SMITH (Wf.)		5.72		1.21						4,373			4.51			x		1					DB. 230, PG. 582	
117	RUSSELL THOMPSON et ux	1.07			1,632			1.03						1.03			x							DB. 274, PG. 684	
118	ARLIE WOODS BILLIE SUE WOODS (Wf.)	3.00			273		1,140				2.99			2.99			x							DB. 262, PG. 565	

FILE NAME: T:\3386\PHASE 2\SHEETS\R/W STRIPS AND SUMMARIES\R0500RW.DGN
 USER: jkain
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

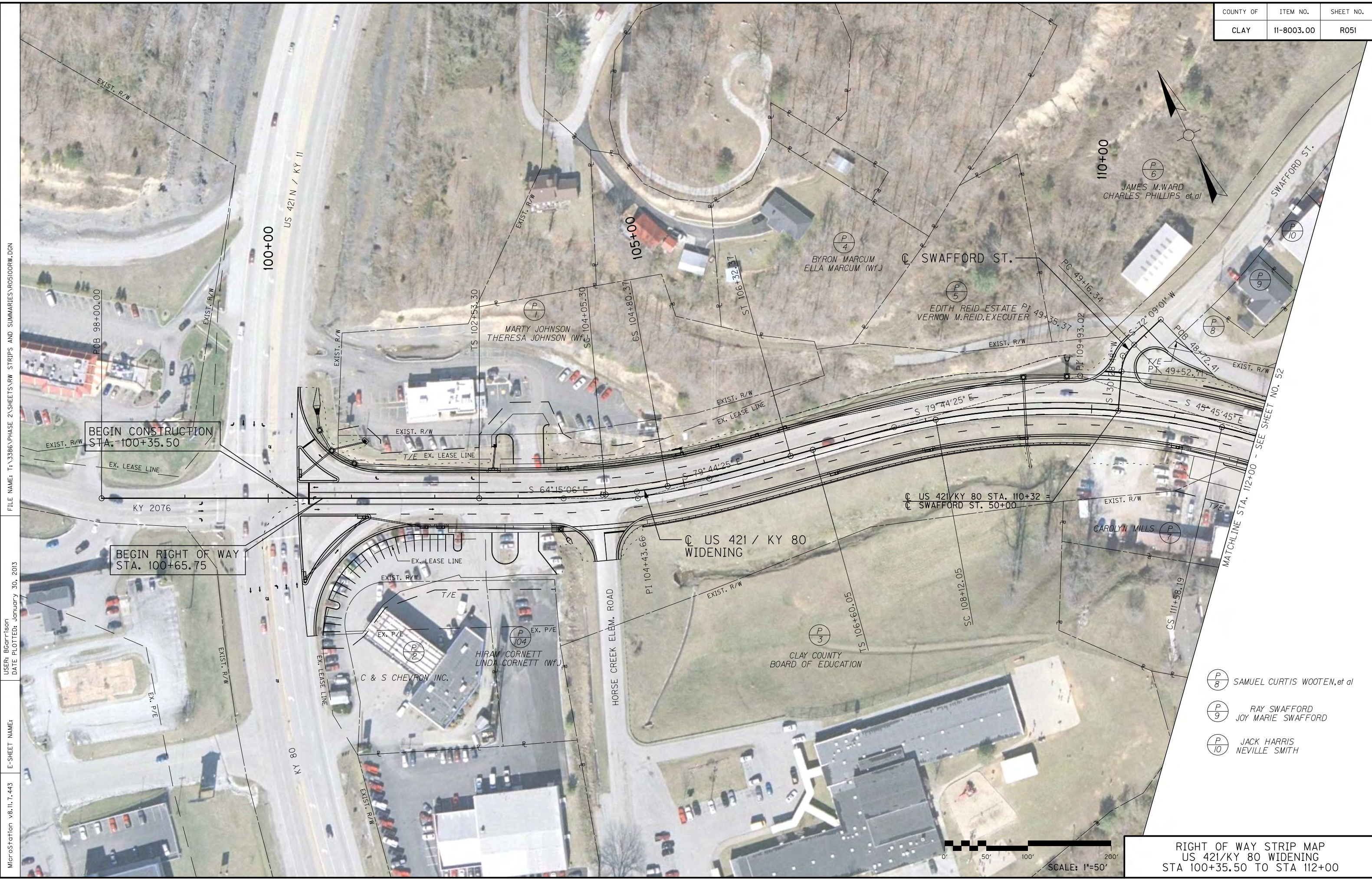
NOTE: PERMANENT R/W ACQUIRED + AREA SEVERED = TOTAL AREA OF TRACT.
 BASIS FOR DETERMINATION OF AREA OF TRACT FOR PARCELS 91-102,
 104-118 WAS CALCULATED.
 BASIS FOR DETERMINATION OF AREA OF TRACT FOR PARCEL 103 WAS FROM
 PVA.

TYPE SEWER SYSTEM
 1. PRIVATE - INDIVIDUAL
 2. PRIVATE - MULTI PARTY
 3. PUBLIC
 4. NONE
 5. NOT APPLICABLE

BUILDINGS ACQUIRED CODE
 C - COMMERCIAL
 R - RESIDENTIAL
 F - FARM
 S - STORAGE

*INCLUDES HAZARDOUS WASTE
 (UST - UNDERGROUND STORAGE TANKS)

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R051



FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R051D00RW.DGN
 USER: Bcarrison
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

BEGIN CONSTRUCTION
STA. 100+35.50

BEGIN RIGHT OF WAY
STA. 100+65.75

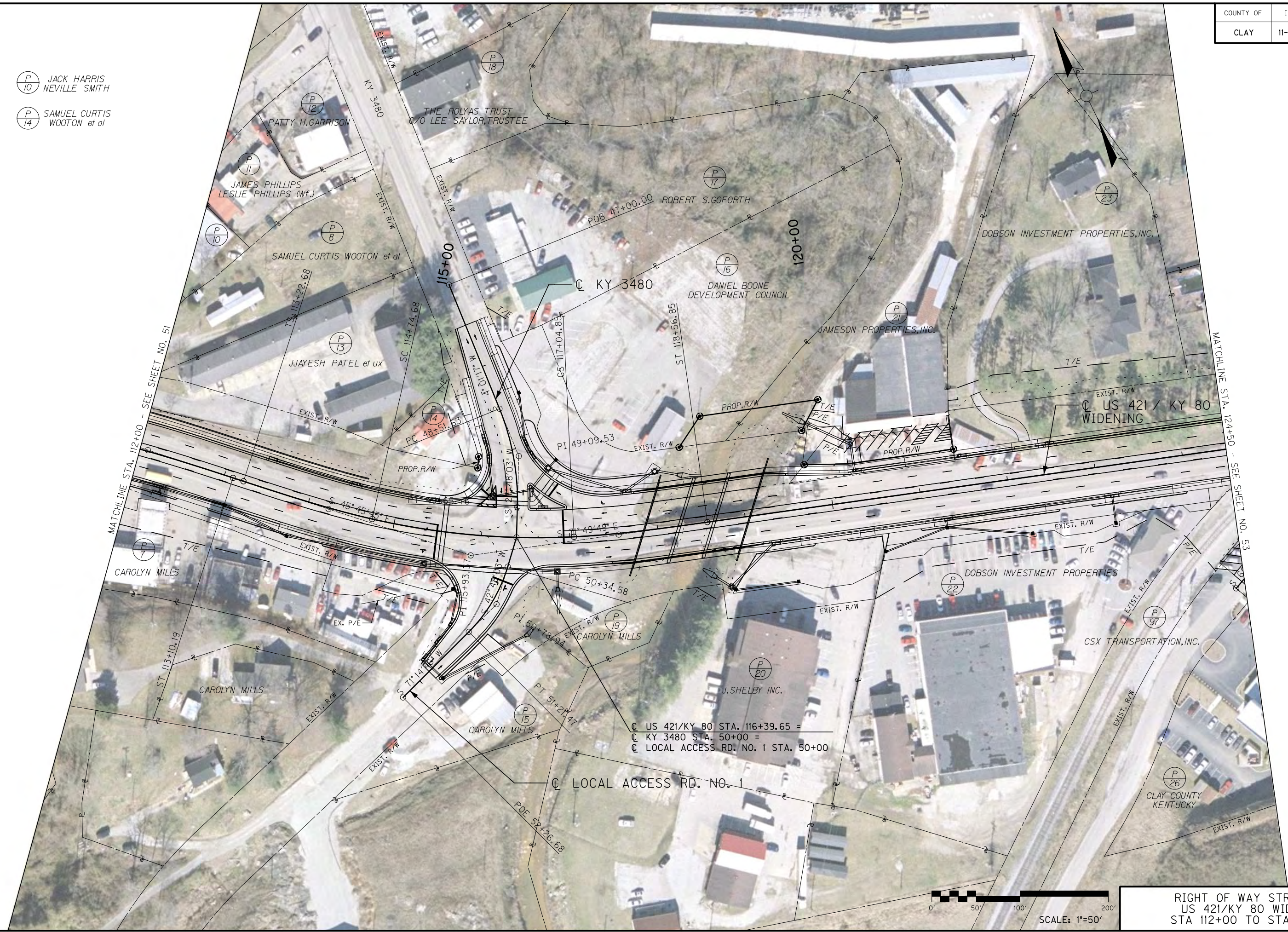
- (P 8) SAMUEL CURTIS WOOTEN, et al
- (P 9) RAY SWAFFORD
JOY MARIE SWAFFORD
- (P 10) JACK HARRIS
NEVILLE SMITH

RIGHT OF WAY STRIP MAP
US 421/KY 80 WIDENING
STA 100+35.50 TO STA 112+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R052

- (P/10) JACK HARRIS
NEVILLE SMITH
- (P/14) SAMUEL CURTIS
WOOTON et al

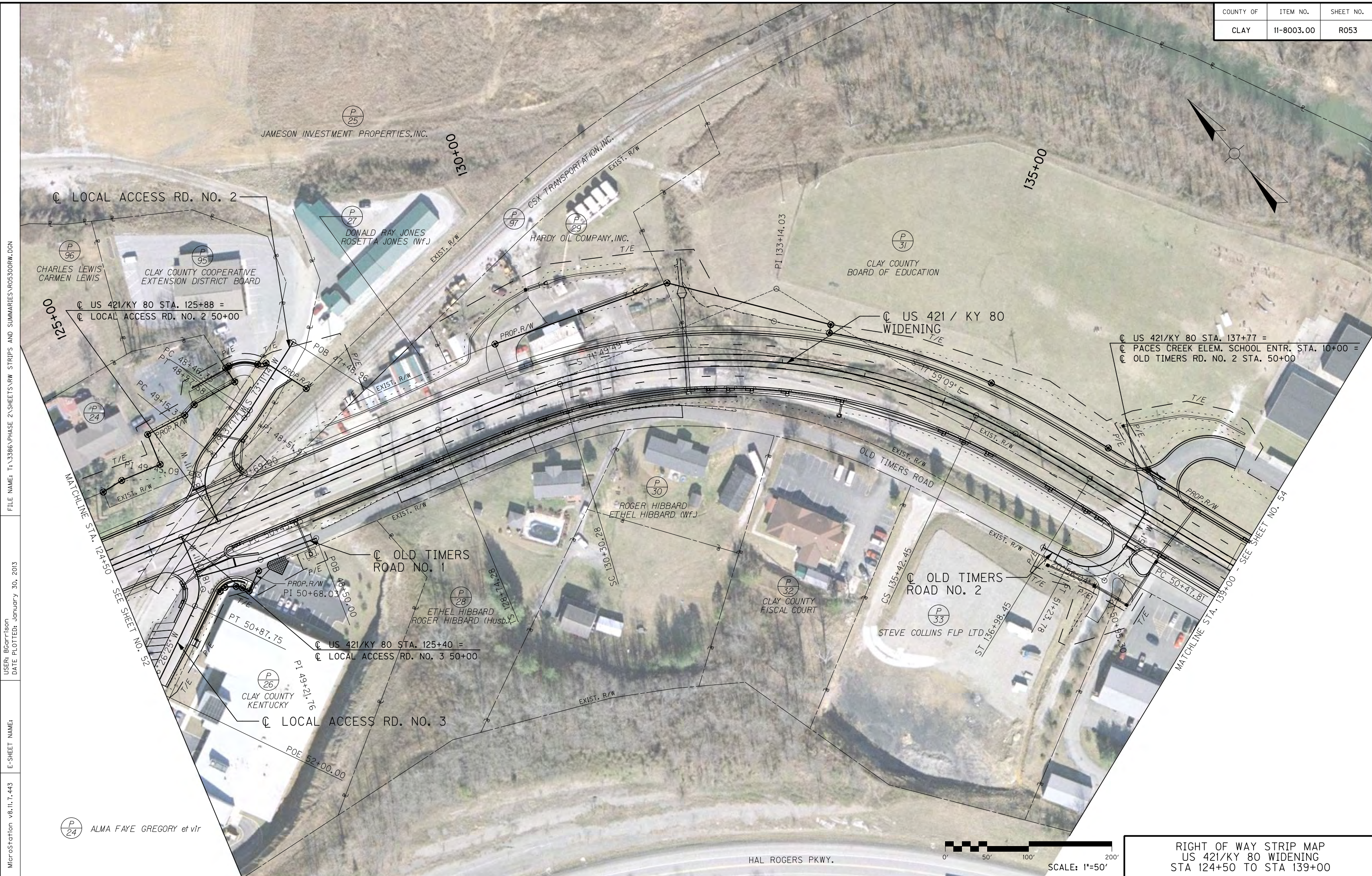
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 USER: JMGin
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443



C US 421/KY 80 STA. 116+39.65 =
 C KY 3480 STA. 50+00 =
 C LOCAL ACCESS RD. NO. 1 STA. 50+00
 C LOCAL ACCESS RD. NO. 1

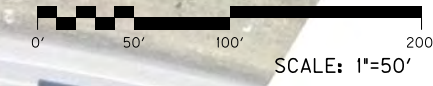
RIGHT OF WAY STRIP MAP
 US 421/KY 80 WIDENING
 STA 112+00 TO STA 124+50

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R053



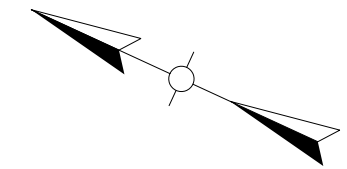
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 USER: BCartt\son
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

ALMA FAYE GREGORY et vir



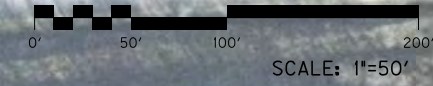
RIGHT OF WAY STRIP MAP
 US 421/KY 80 WIDENING
 STA 124+50 TO STA 139+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R054



MATCHLINE STA. 139+00 - SEE SHEET NO. 53

MATCHLINE STA. 152+50 - SEE SHEET NO. 55

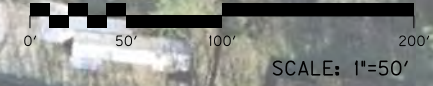


RIGHT OF WAY STRIP MAP
 US 421/KY 80 WIDENING
 STA 139+00 TO STA 152+50

MicroStation v8.ii.7.443
 E-SHEET NAME:
 DATE PLOTTED: January 30, 2013
 USER: BCarttison
 FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R05400RW.DGN

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R055

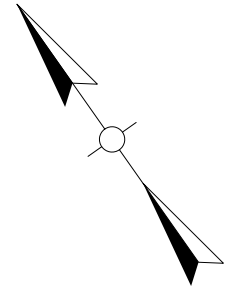
- (P/50) DOUGLAS ROARK
PRISCILLA ROARK (WF.)
- (P/51) J.C. GRAY
PAULINE GRAY (WF.)
- (P/57) DAVID'S
STARTERS &
ALTERNATORS
- (P/106) ALENE MORGAN
REVOCABLE TRUST



RIGHT OF WAY STRIP MAP
US 421/KY 80 WIDENING
STA 152+50 TO STA 166+00

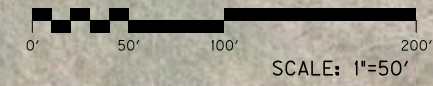
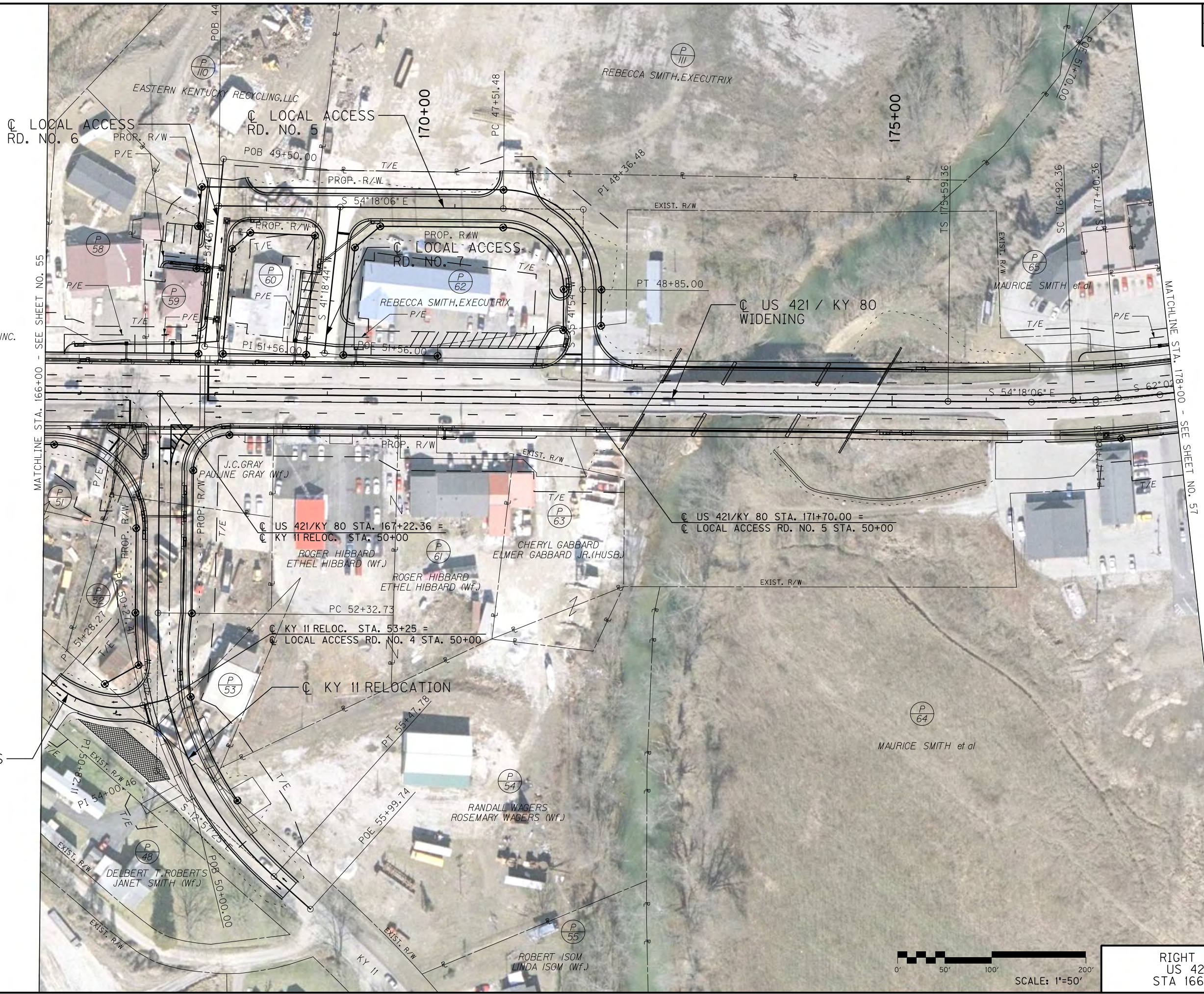
MicroStation v8.11.7.443
E-SHEET NAME:
DATE PLOTTED: January 30, 2013
USER: jmglin
FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R05500RW.DGN

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R056



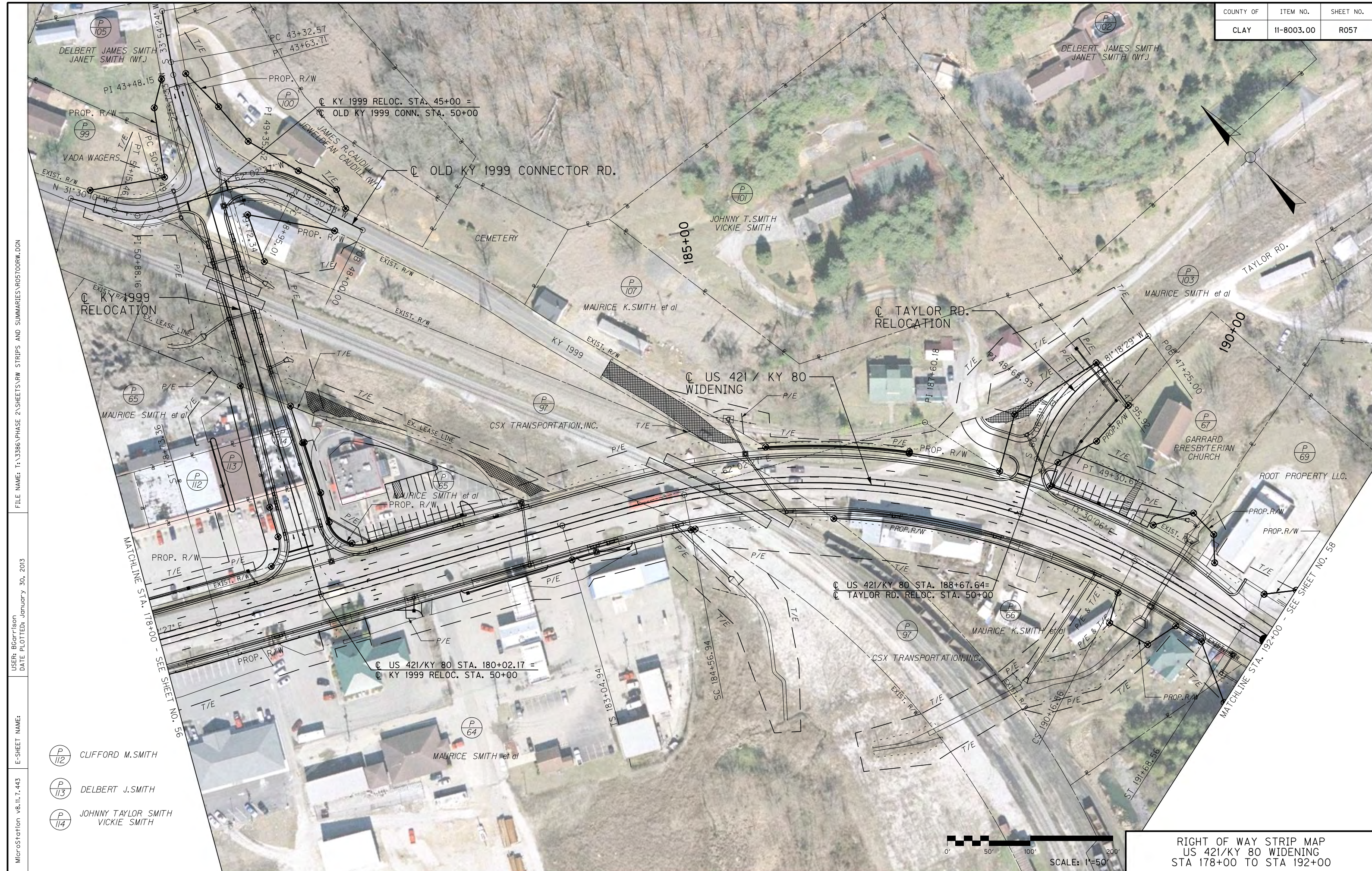
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 USER: jmgm
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.ii.7.443

- P 51 J.C.GRAY
PAULINE GRAY (WF.)
- P 52 J.C.GRAY
PAULINE GRAY (WF.)
- P 53 ROBERT ISOM
- P 58 JOSEPH L.MASSEY,INC.
- P 59 DENNIS STEELY
MITZI STEELY (WF.)
- P 60 JOHN LEE
PROPERTIES,LLC.



RIGHT OF WAY STRIP MAP
 US 421/KY 80 WIDENING
 STA 166+00 TO STA 178+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R057



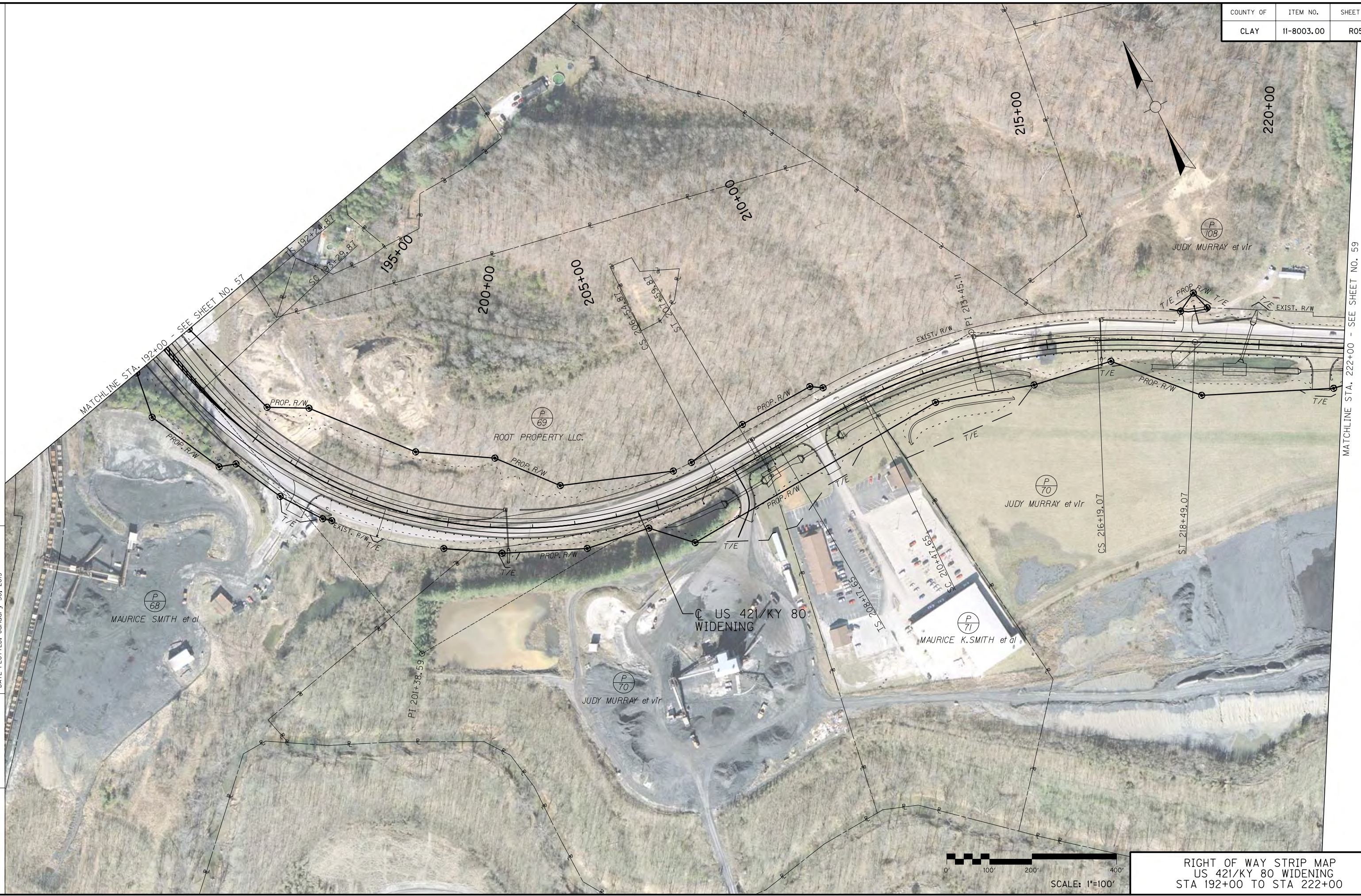
FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R05700RW.DGN
 USER: BCartt\son
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

- P 112 CLIFFORD M. SMITH
- P 113 DELBERT J. SMITH
- P 114 JOHNNY TAYLOR SMITH
VICKIE SMITH

RIGHT OF WAY STRIP MAP
 US 421/KY 80 WIDENING
 STA 178+00 TO STA 192+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R058

MicroStation v8.11.7.443
 E-SHEET NAME:
 USER: Bcortlison
 DATE PLOTTED: January 30, 2013
 FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R05800RW.DGN



RIGHT OF WAY STRIP MAP
 US 421/KY 80 WIDENING
 STA 192+00 TO STA 222+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R059

MicroStation v8.11.7.443
 E-SHEET NAME:
 DATE PLOTTED: January 30, 2013
 USER: bicart@son
 FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R05900RW.DGN



RIGHT OF WAY STRIP MAP
 US 421/KY 80 WIDENING
 STA 222+00 TO STA 252+00

COUNTY OF	ITEM NO.	SHEET NO.
CLAY	11-8003.00	R060



FILE NAME: T:\3386\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R06000RW.DGN
 USER: jmgain
 DATE PLOTTED: January 30, 2013
 E-SHEET NAME:
 MicroStation v8.11.7.443

END RIGHT OF WAY
 STA. 280+25.00

END CONSTRUCTION
 STA. 280+90.00



RIGHT OF WAY STRIP MAP
 US 421/KY 80 WIDENING
 STA 252+00 TO STA 280+90