

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	RO01

# Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

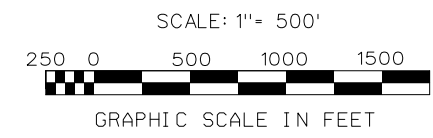
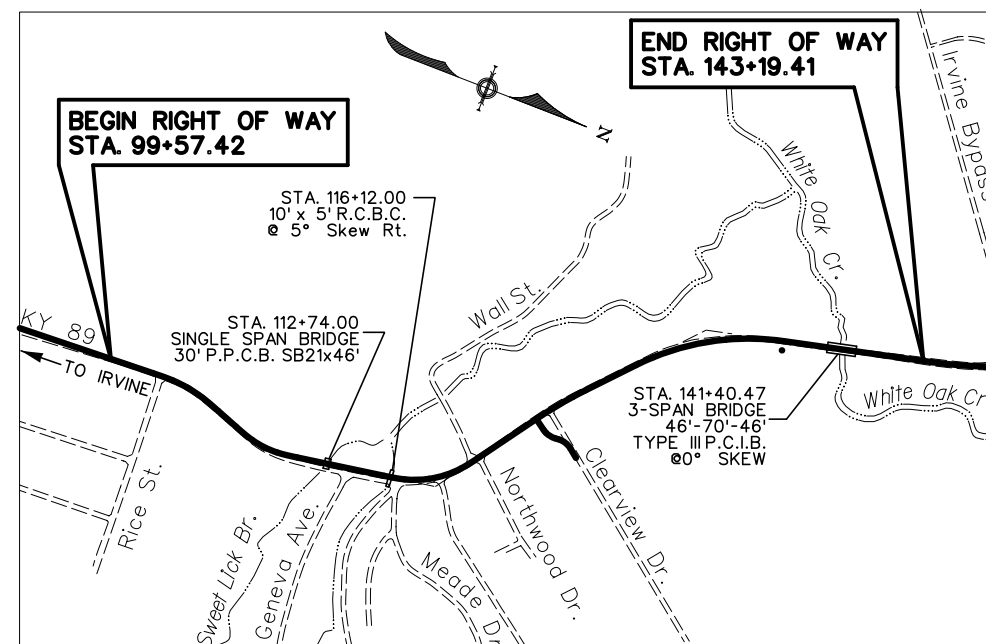
## PLANS OF PROPOSED PROJECT ESTILL COUNTY KY 89 RELOCATION SOUTH OF THE IRVINE BYPASS RIGHT OF WAY PLANS



INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
RO01	LAYOUT SHEET
RO02	TYPICAL SECTIONS-SUMMARY OF QUANTITIES
RO03-RO24	PLAN AND PROFILE SHEETS
RO25-RO26	RIGHT OF WAY SUMMARY SHEETS
RO27-RO30	RIGHT OF WAY STRIP MAP SHEETS
RO85	COORDINATE CONTROL SHEETS

SHEETS NOT INCLUDED IN TOTAL SHEETS  
2a, 2b, 2c, 2d, 2e, 2f, 2g, 2h, 2i, 2j, 9a, 11a

STANDARD DRAWINGS	
NUMBER	



THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

### DESIGN CRITERIA

CLASS OF HIGHWAY	URBAN COLLECTOR
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	35 MPH
REQUIRED NPSD	250'
REQUIRED PSD	1500'
LEVEL OF SERVICE	C
ADT PRESENT ( 1997 )	9980
ADT FUTURE ( 2022 )	20400
DHV	2350
D %	N/A
T %	5.4%

### GEOGRAPHIC COORDINATES

LATITUDE 37 DEGREES 43 MINUTES \_\_\_\_\_ SECONDS NORTH  
LONGITUDE 83 DEGREES 59 MINUTES \_\_\_\_\_ SECONDS WEST

### DESIGNED

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

LENGTH <u>4824</u> LIN. FT. <u>0.91</u> MILES	LENGTH _____ LIN. FT. _____ MILES	LENGTH _____ LIN. FT. _____ MILES	LENGTH _____ LIN. FT. _____ MILES
ADDED _____ FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	ADDED _____ FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	ADDED _____ FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	ADDED _____ 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.

## LAYOUT MAP

**Commonwealth of Kentucky  
DEPARTMENT OF HIGHWAYS  
COUNTY OF  
ESTILL**

ITEM NO. 10-363.10  
PROJECT NUMBER: KY 89 RELOCATION  
FD04 033 0089 012-015 25 D  
LETTING DATE: \_\_\_\_\_

RECOMMENDED BY: \_\_\_\_\_ PROJECT MANAGER DATE: \_\_\_\_\_  
PLAN APPROVED BY: \_\_\_\_\_ STATE HIGHWAY ENGINEER DATE: \_\_\_\_\_

PLANS PREPARED AND SUBMITTED BY:

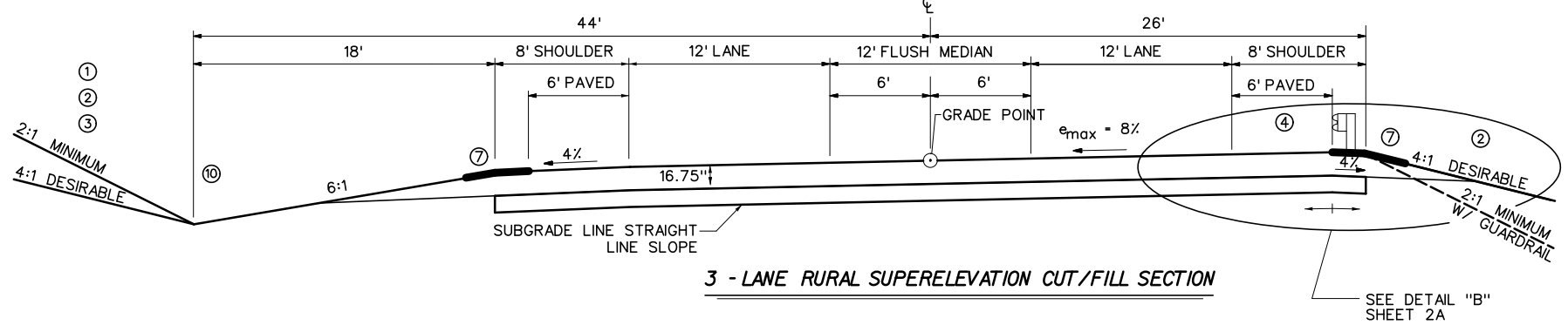
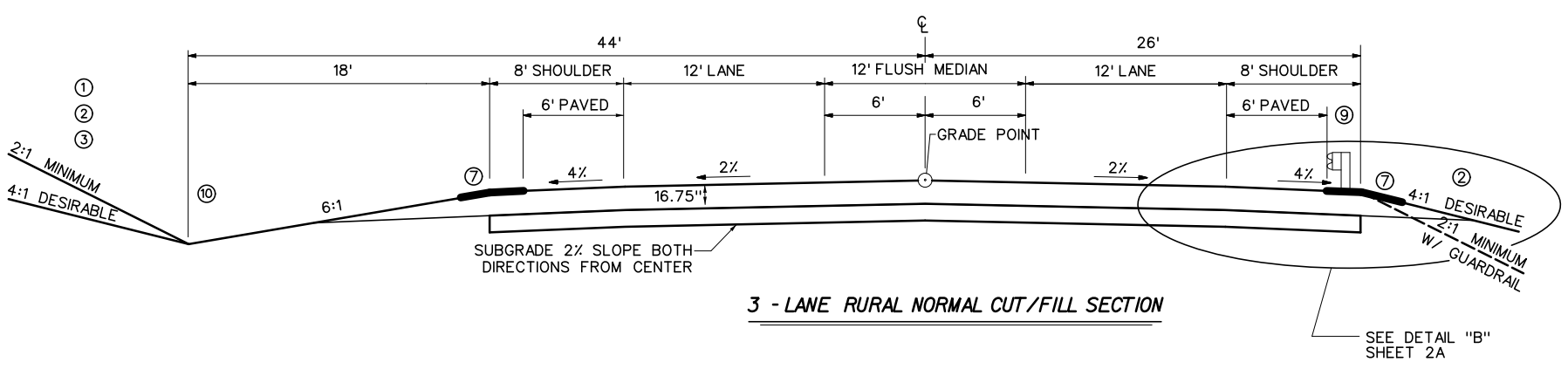
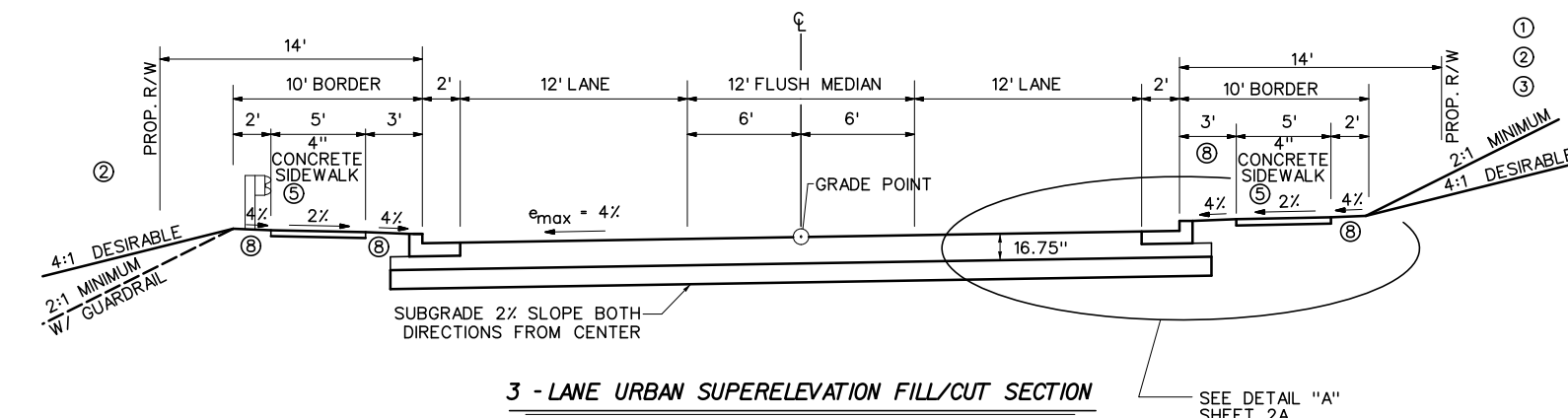
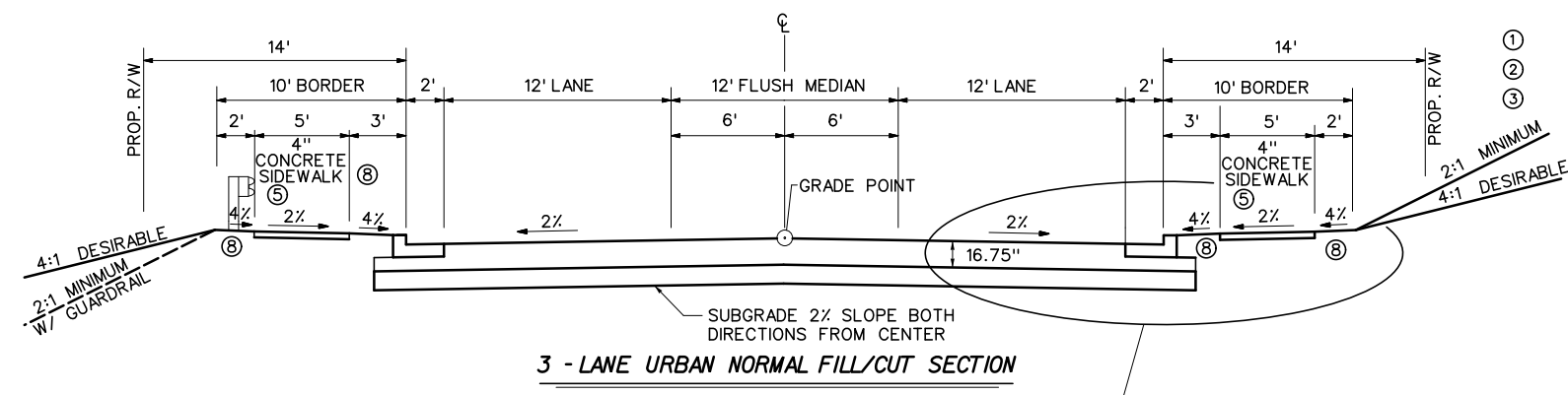
GRW Engineers, Inc.

*Gregory S. Gabbard*

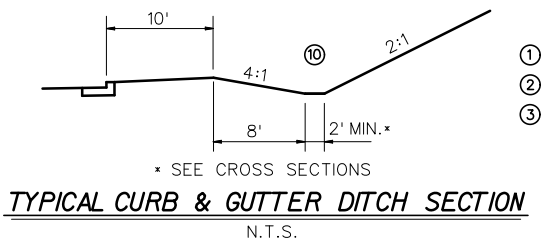
FILE NAME: T:\2498\PHASE2\SOUTHEND\SHEETS\LAYOUT\RO01\RO01.SRW.DGN  
USER: jsilvantz  
DATE PLOTTED: December 10, 2012  
E-SHEET NAME:  
MicroStation v8.11.7.443

TYPICAL SECTIONS

SCALE: 1"=5'



- NOTES**
- FOR ROCK SLOPES, SEE CROSS SECTIONS.
  - SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE BORDER AND SHOULDERS.
  - SEE CROSS SECTIONS FOR PRE-SPLIT SLOPES FROM RDZ TO GRADE FOR ROCK CUTS.
  - SUPERELEVATED SHOULDER TO BE CONSTRUCTED TO SUPERELEVATION RATE. AT NO TIME WILL THE SLOPE BE FLATTER THAN THE SLOPE INDICATED FOR NORMAL SECTION.
  - SEE PLANS FOR SIDEWALK LOCATIONS.
  - REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF 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 @ 2.4 LB/SQ. YD. (2 APPLICATIONS)  
 ASPHALT SEAL AGGREGATE @ 20 LB/SQ. YD. (CRUSHED AGGREGATE SIZE NO.8 OR 9M)
- SOD WILL BE ADDED TO THE UTILITY STRIP, AND WHEN THERE IS SIDEWALK ALSO TO THE OUTER 2' PORTION OF THE BORDER, UNLESS OTHERWISE NOTED IN PLANS.
  - SHOULDERS SHALL BE WIDENED 2' WHERE GUARDRAIL IS TO BE INSTALLED. 7' POSTS TO BE USED.
  - SEE PLANS FOR CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING CHANNEL LINING SHOULD BE LINED WITH EROSION CONTROL BLANKET WITH A DEPTH TO PROTECT OF 1 FOOT.



**PAVEMENT SCHEDULE**

<b>ROADBED PREPARATION</b>	
CRUSHED AGGREGATE SIZE NO. 2	12" DEPTH
FABRIC - GEOTEXTILE TYPE IV	FULL WRAP
<b>TRAFFIC LANES - URBAN</b>	
DGA BASE	4" DEPTH
CL2 ASPH BASE 0.75D PG64-22	11.5" DEPTH (2.75' + 4' + 2.25' + 2.5')
CL2 ASPH SURF 0.38B PG64-22	1.25" DEPTH
<b>TRAFFIC LANES - RURAL</b>	
DGA BASE	4" DEPTH
CL2 ASPH BASE 1.00D PG64-22	11.5" DEPTH (3.5' + 4' + 4')
CL2 ASPH SURF 0.38B PG64-22	1.25" DEPTH
<b>SHOULDERS</b>	
DGA BASE	FULL DEPTH
CL2 ASPH BASE 1.00D PG64-22	3.5" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1.25" DEPTH

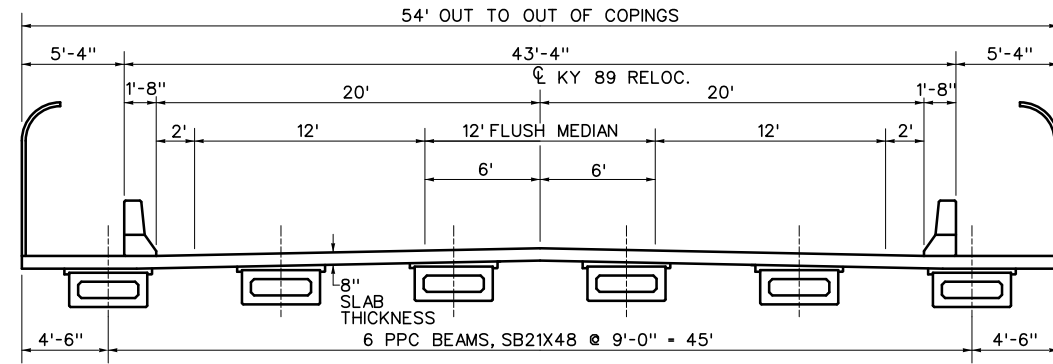
TYPICAL SECTIONS  
 KY 89 RELOCATION  
 MAINLINE

FILE NAME: T:\2498 PHASE2\SOUTHEND\SHEETS\TYPICALS\R00200TS.DGN  
 USER: JSJugantz  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.443

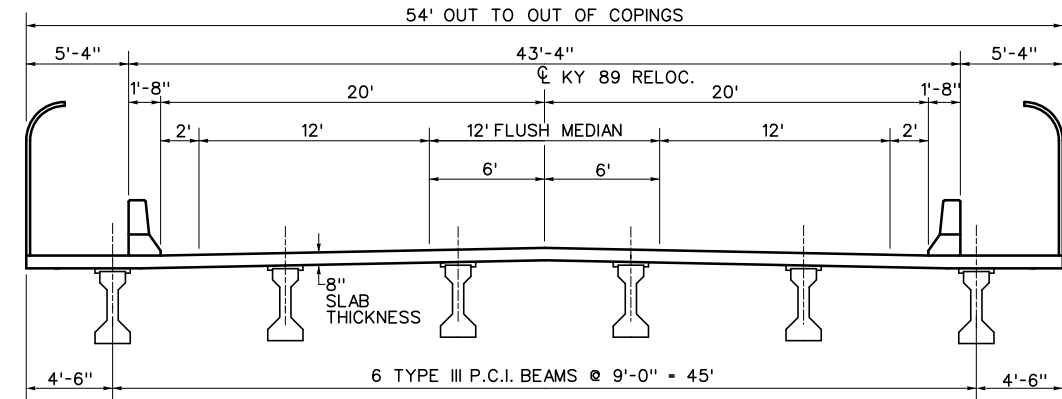
**RIGHT OF WAY PLANS**

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R002A

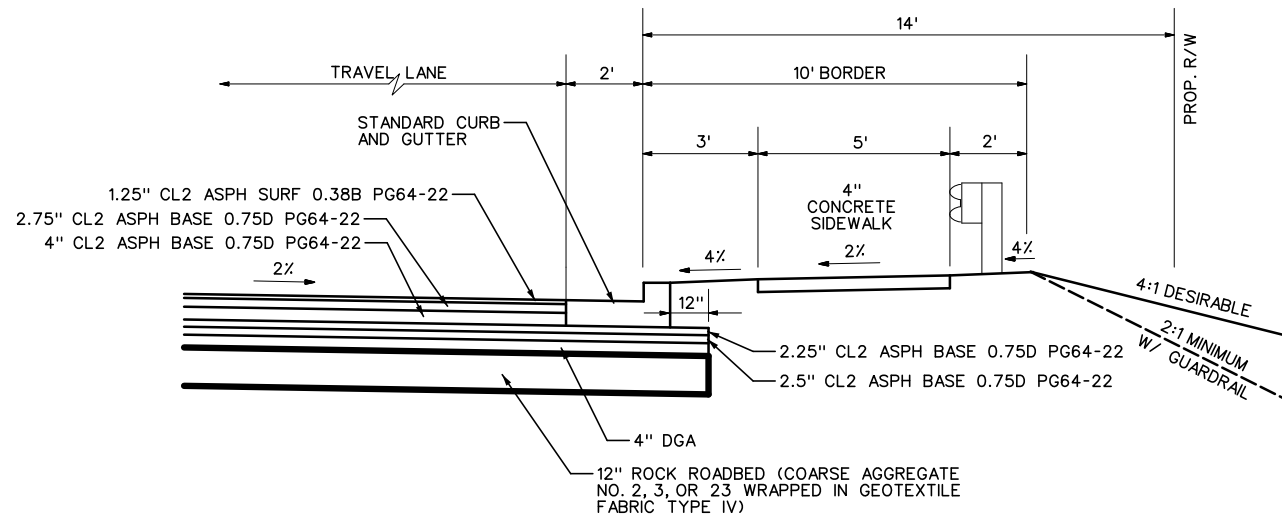
**TYPICAL SECTIONS**  
SCALE: 1"=5'



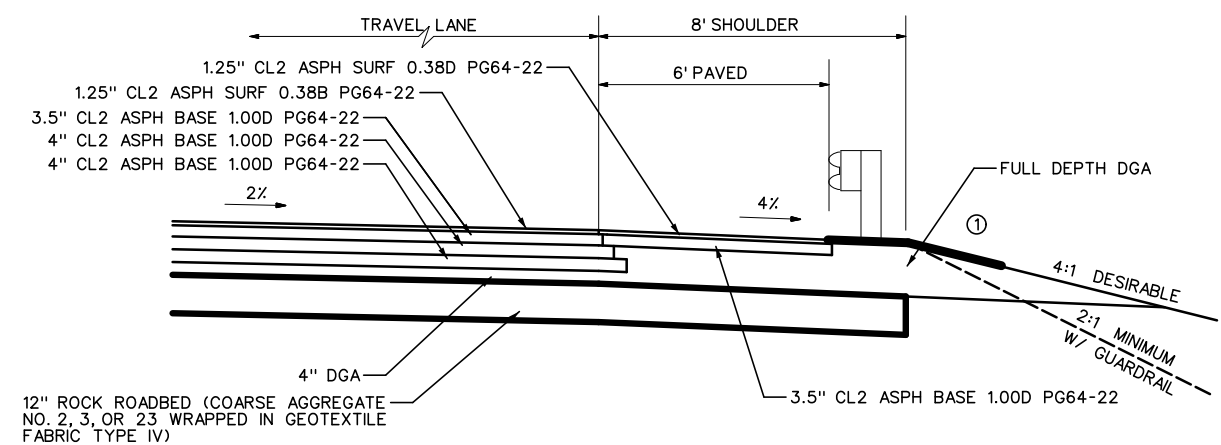
**TYPICAL BRIDGE SECTION**  
BRIDGE OVER SWEET LICK BRANCH  
(BEAM LENGTH = 30')



**TYPICAL BRIDGE SECTION**  
BRIDGE OVER WHITE OAK CREEK



**DETAIL "A"**  
N.T.S.  
URBAN PAVEMENT



**DETAIL "B"**  
N.T.S.  
RURAL PAVEMENT

TYPICAL SECTIONS  
KY 89 RELOCATION  
MAINLINE

FILE NAME: T:\2498\PHASE2\SOUTHEND\SHEETS\TYPICALS\R002A\T.S.DGN

USER: jsilganitz  
DATE PLOTTED: December 10, 2012

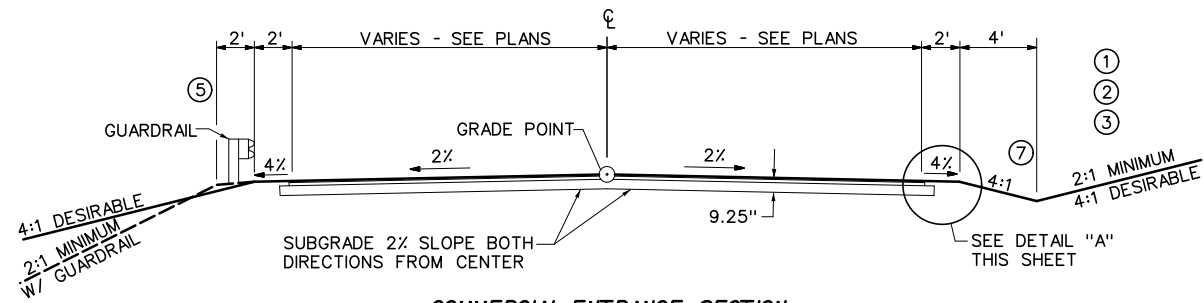
E-SHEET NAME:

MicroStation v8.11.7.443

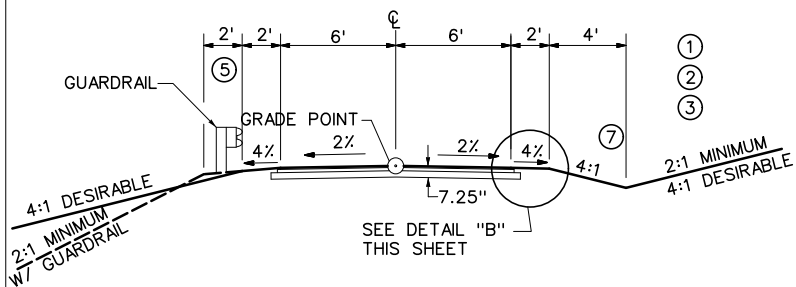
TYPICAL SECTIONS

SCALE: 1"=5'

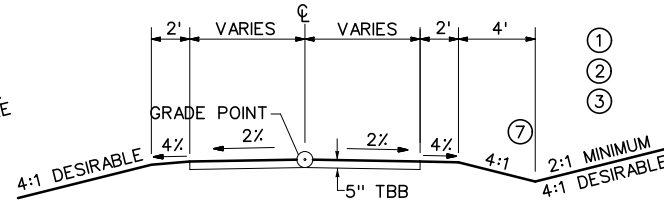
ENTRANCE SECTIONS



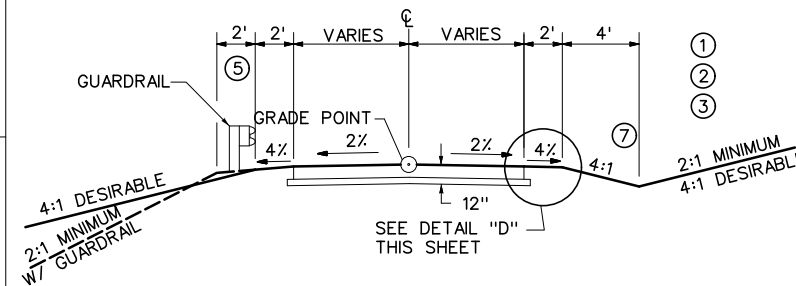
COMMERCIAL ENTRANCE SECTION



RESIDENTIAL AND FARM FIELD ENTRANCE SECTION



UNPAVED ENTRANCE SECTION



CONCRETE COMMERCIAL/RESIDENTIAL ENTRANCE SECTION

1.25" CL2 ASPH SURF 0.38D PG64-22  
2" CL2 ASPH BASE 1.00D PG64-22  
6" DGA

DETAIL "A"

N.T.S.

1.25" CL2 ASPH SURF 0.38D PG64-22  
2" CL2 ASPH BASE 1.00D PG64-22  
4" DGA

DETAIL "B"

N.T.S.

1.25" CL2 ASPH SURF 0.38D PG64-22  
3" CL2 ASPH BASE 1.00D PG64-22  
8" DGA

DETAIL "C"

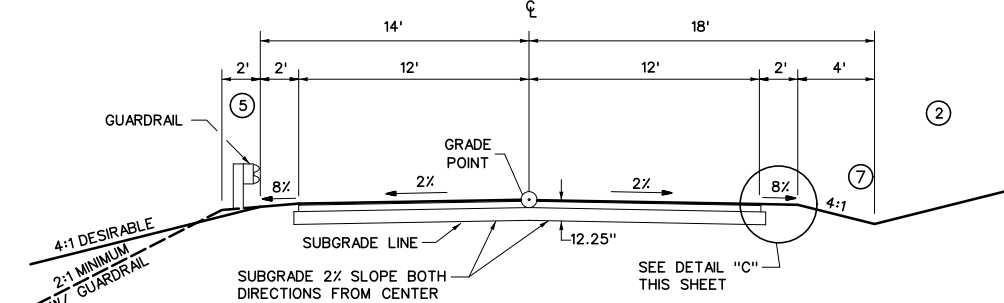
N.T.S.

8" RIGID PCC  
4" DGA

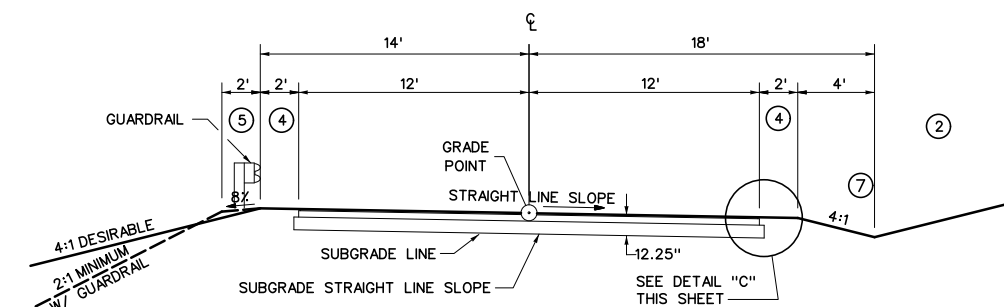
DETAIL "D"

N.T.S.

CLEARVIEW DRIVE SECTIONS



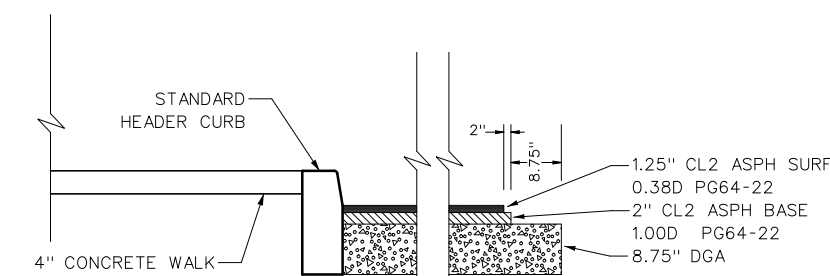
NORMAL FILL/CUT SECTION



SUPERELEVATION FILL/CUT SECTION

NOTES

- FOR ROCK SLOPES, SEE CROSS SECTIONS.
- SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
- SEE CROSS SECTIONS FOR PRE-SPLIT SLOPES FROM RDZ TO GRADE USED FOR ROCK CUTS.
- SUPERELEVATED SHOULDER TO BE CONSTRUCTED TO SUPERELEVATION RATE. AT NO TIME WILL THE SLOPE BE FLATTER THAN THE SLOPE INDICATED FOR NORMAL SECTION.
- SHOULDERS SHALL BE WIDENED 2' WHERE GUARDRAIL IS TO BE INSTALLED.
- REFILL MATERIAL TO CONFORM TO APPLICABLE SECTIONS OF CURRENT EDITION OF KENTUCKY STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- SEE PLANS FOR CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING CHANNEL LINING SHOULD BE LINED WITH EROSION CONTROL BLANKET WITH A DEPTH TO PROTECT OF 1 FOOT.

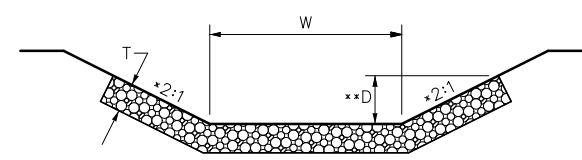


PARCEL NO. 38 PARKING LOT DETAIL

N.T.S.

PAVEMENT SCHEDULE

CLEARVIEW DRIVE		
DGA	8"	DEPTH
CL2 ASPH BASE 1.00D PG64-22	3"	DEPTH
CL2 ASPH SURF 0.38D PG64-22	1.25"	DEPTH
COMMERCIAL ENTRANCE		
DGA	6"	DEPTH
CL2 ASPH BASE 1.00D PG64-22	2"	DEPTH
CL2 ASPH SURF 0.38D PG64-22	1.25"	DEPTH
RESIDENTIAL AND FARM FIELD ENTRANCE		
DGA	4"	DEPTH
CL2 ASPH BASE 1.00D PG64-22	2"	DEPTH
CL2 ASPH SURF 0.38D PG64-22	1.25"	DEPTH
UNPAVED ENTRANCE		
TBB	FULL DEPTH	
CONCRETE ENTRANCE		
DGA	4"	DEPTH
RIGID PCC	6"	DEPTH

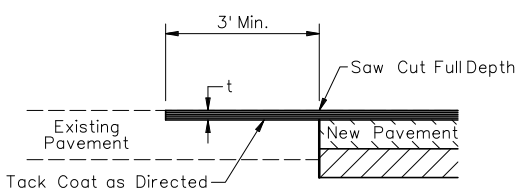


TYPICAL CHANNEL LINING DETAIL

N.T.S.

W = WIDTH  
T = LINING THICKNESS  
SOD-T=2"  
CLASS II CH. LIN.-T=16"  
CLASS III CH. LIN.-T=24" \*  
D = DEPTH TO PROTECT

NOTES: SEE CONST. PLAN NOTES FOR VALUE OF W.  
\* THICKNESS OF CLASS III CH. LIN. SHALL BE 36" WHERE CALLED FOR ON THE PLANS



PAVEMENT TIE DETAIL

N.T.S.

t = THICKNESS OF SURFACE 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 shall be incidental to construction of the asphalt concrete.

FILE NAME: T:\2498\PHASE2\SO\THE\END\SHEETS\TYPICALS\R0020B.TS.DGN

USER: DShroyer  
DATE PLOTTED: December 10, 2012

E-SHEET NAME:

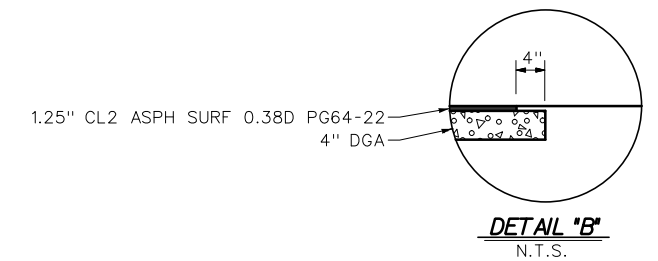
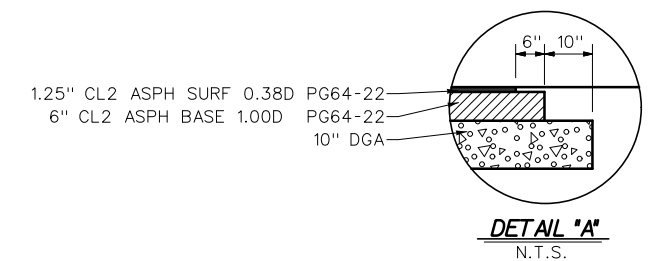
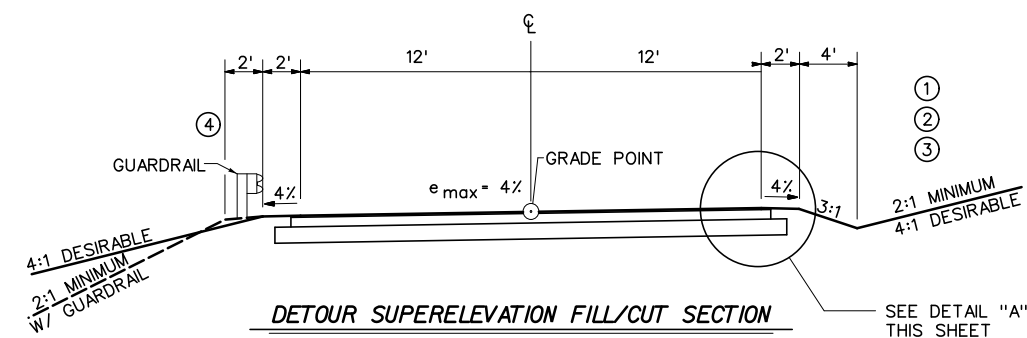
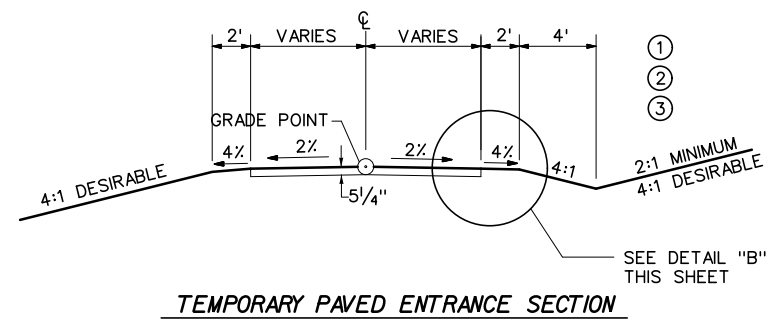
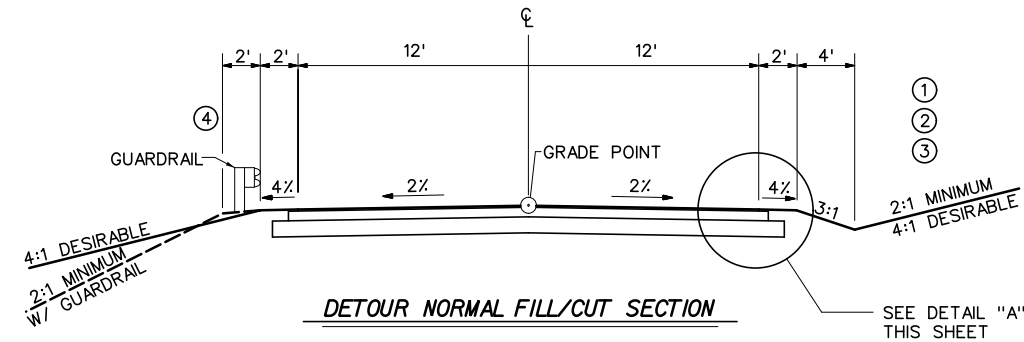
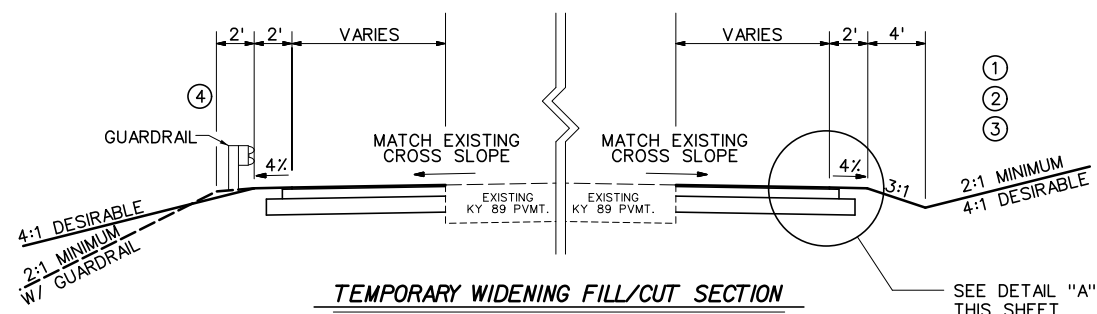
MicroStation v8.11.7.443

TYPICAL SECTIONS

SCALE: 1"=5'

TEMPORARY CONSTRUCTION SECTIONS

- NOTES**
- ① FOR ROCK SLOPES, SEE CROSS SECTIONS.
  - ② SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
  - ③ SEE CROSS SECTIONS FOR PRE-SPLIT SLOPES FROM RDZ TO GRADE USED FOR ROCK CUTS.
  - ④ SHOULDERS SHALL BE WIDENED 2' WHERE GUARDRAIL IS TO BE INSTALLED.



PAVEMENT SCHEDULE		
DETOUR		
DGA	1 0"	DEPTH
CL2 ASPH BASE 1. 00D PG64-22	6"	DEPTH
CL2 ASPH SURF 0. 38D PG64-22	1. 25"	DEPTH
TEMPORARY WIDENING		
DGA	1 0"	DEPTH
CL2 ASPH BASE 1. 00D PG64-22	6"	DEPTH
CL2 ASPH SURF 0. 38D PG64-22	1. 25"	DEPTH
TEMPORARY PAVED ENTRANCE		
DGA	4"	DEPTH
CL2 ASPH SURF 0. 38D PG64-22	1. 25"	DEPTH

## UTILITY OWNERS

### WATER AND SEWER

IRVINE MUNICIPAL UTILITIES  
 BILLY F. WILLIAMS  
 239 BROADWAY STREET  
 IRVINE, KY 40336  
 (606)723-2197  
 irvinewater@irvineonline.net

### GAS

COLUMBIA GAS OF KENTUCKY, INC.  
 BRYAN K. SLONE  
 2001 MERCER ROAD  
 P.O. BOX 14241  
 LEXINGTON, KY 40512  
 (859)288-0253  
 bkstone@nisource.com

### ELECTRIC

KENTUCKY UTILITIES, INC.  
 ALAN STRUNK  
 ONE QUALITY PLACE  
 LEXINGTON, KY 40501  
 (859)367-5633

JACKSON ENERGY COOPERTIVE  
 KEITH VICKERS and MIKE DENHAM  
 P.O. BOX 307  
 McKEE, KY 40447  
 (800)262-7480  
 (606)287-7161  
 miked@jacksonenergy.com

### TELEPHONE

WINDSTREAM COMMUNICATIONS  
 GENE DUNN  
 130 WEST NEW CIRCLE ROAD  
 SUITE 170  
 LEXINGTON, KY 40505  
 (859)357-6216  
 gene.dunn@windstream.com

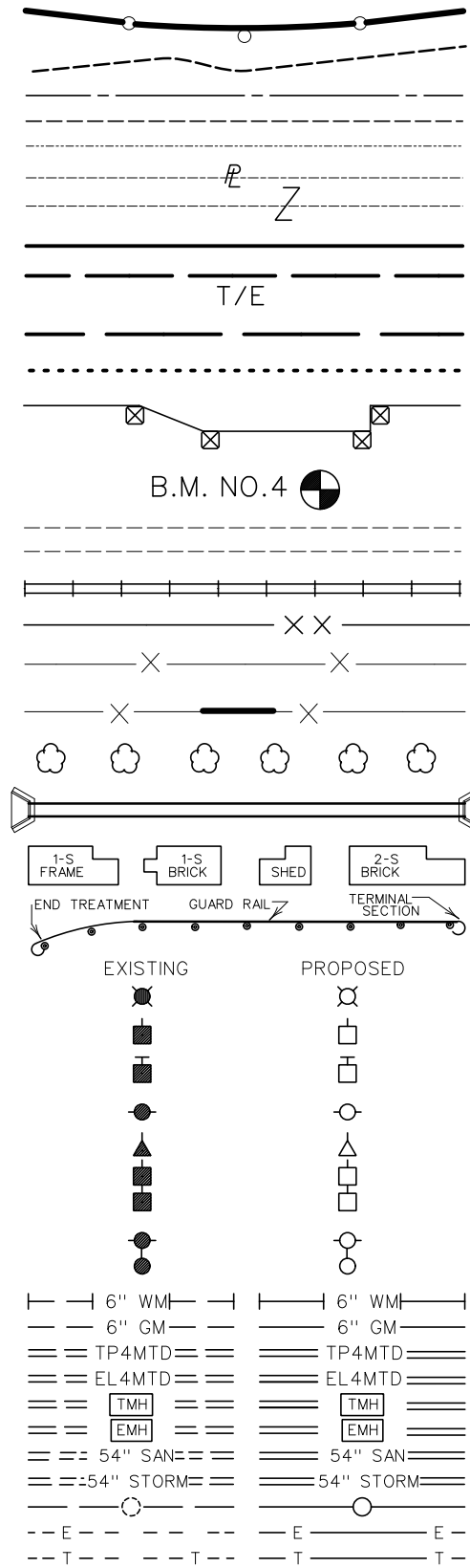
### CABLE TELEVISION

IRVINE COMMUNITY TELEVISION, INC.  
 JIM HAYS  
 251 BROADWAY STREET  
 P.O. BOX 186  
 IRVINE, KY 40336  
 (606)723-3668  
 jhays@irvineonline.net

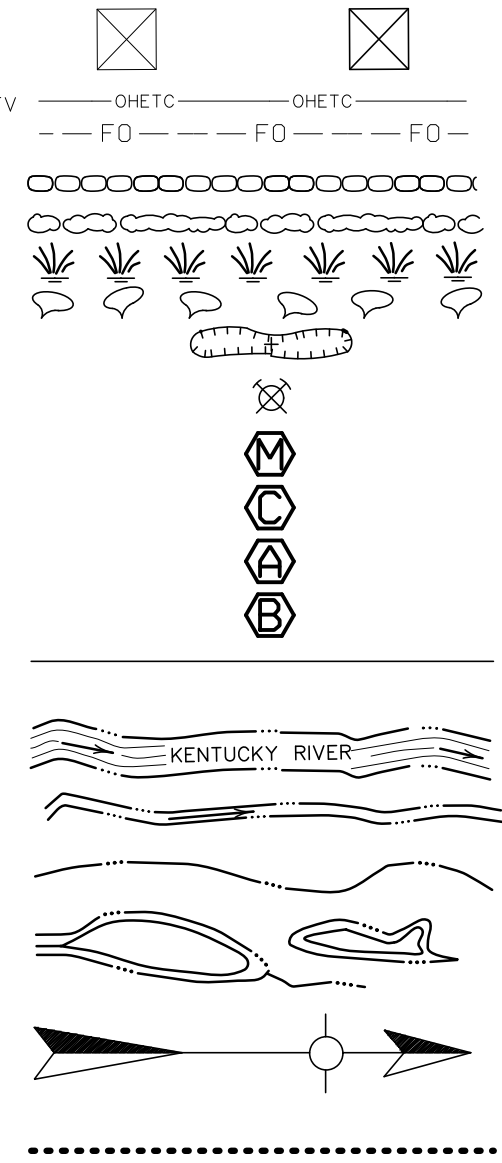
## RIGHT OF WAY PLANS

### CONVENTIONAL SIGNS

- GRADE LINE
- GROUND LINE
- COUNTY LINE
- CORPORATE LIMITS
- EXISTING RIGHT OF WAY
- PROPERTY LINE
- COMMON OWNER PARCELS
- PROPOSED RIGHT OF WAY
- TEMPORARY EASEMENT
- ACCESS CONTROL LIMITS
- HISTORIC SITE LIMITS
- RIGHT OF WAY MARKERS
- BENCH MARK
- EXISTING ROAD
- RAILROAD
- FENCE (CONTROLLED ACCESS)
- FENCE (EXCEPT STONE AND HEDGE)
- FENCE WITH GATE
- TREES
- CULVERT
- BUILDINGS
- GUARDRAIL
- LIGHTING POLE
- POWER POLE
- JOINT POWER & TELEPHONE POLE
- TELEPHONE & TELEGRAPH POLE
- ANCHOR, POWER OR TELEPHONE
- STUB POWER
- STUB TELEPHONE
- WATER MAIN
- GAS MAIN
- TELEPHONE DUCT
- ELECTRIC DUCT
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- SANITARY SEWER
- STORM SEWER
- SEWER MANHOLE
- DIRECT BURIAL ELECTRIC CABLE
- DIRECT BURIAL TELEPHONE CABLE
- EXISTING GAS METER
- EXISTING GAS LINE MARKER
- EXISTING WATER METER
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT



- TOWER
- OVERHEAD ELECTRIC, TELEPHONE, CABLE TV
- BURIED FIBER OPTIC
- STONE FENCE
- HEDGE FENCE
- SWAMP OR MARSH
- SPRINGS
- SINKHOLE
- QUARRY SITE
- SILT CHECK TYPE II MODIFIED
- SILT CHECK TYPE II
- SILT TRAP TYPE A
- SILT TRAP TYPE B
- SILT FENCE
- LARGE STREAM
- SMALL STREAM
- INTERMITTENT STREAM
- LAKES OR PONDS
- NORTH ARROW
- LIMIT OF DISTURBANCE



FILE NAME: T:\2498\PHASE2\SOUTHEND\SHEETS\TYPICALS\R0020\UPL.DGN

USER: jsilugantz  
DATE PLOTTED: December 10, 2012

E-SHEET NAME:

MicroStation v8.11.7.443

**RIGHT OF WAY PLANS**

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R003

**SODDING**  
 LT. STA. 99+67.92 TO STA. 102+20, SOD TO DISTURBED LIMITS, 265 SQ. YD.  
 LT. STA. 102+20 TO STA. 104+00, CONST. 46 SQ. YD.

**SIDEWALK - 4" CONCRETE**  
 LT. STA. 101+63.75 TO STA. 101+94.88, CONST. 20 SQ. YD. (INCLUDES ENTRY WALKS OF VARIOUS WIDTHS, MATCH EXISTING CONDITIONS)

**STANDARD CURB & GUTTER**  
 LT. STA. 99+71.74 TO STA. 104+00, CONST. 316'

**RETAINING WALL, GRAVITY TYPE, NON-REINFORCED**  
 LT. STA. 99+67.92 TO STA. 100+46.08, CONST. 27.12 CY  
 LT. STA. 100+68.14 TO STA. 101+52.84, CONST. 30.75 CY  
 LT. STA. 101+61.84 TO STA. 102+20.06, CONST. 17.83 CY (SEE RETAINING WALL PROFILE SHEETS)

P.I. 104+34.04  
 $\Delta = 22^\circ 50'00''$  Rt.  
 $C = 7^\circ 57'28''$   
 $T_s = 200.53'$   
 $L_s = 110.00'$   
 $L_c = 176.93'$   
 $\theta = 4^\circ 22'36''$   
 $L.T. = 73.36'$   
 $S.T. = 36.69'$   
 $R = 720.00'$   
 $E_s = 15.25'$   
 $e = 3.7\%$   
 Runoff = 110.00'  
 Runout = 59.46'

- Parcels**
- Marcum & Wallace Memorial Hospital, Inc.
  - Jackie B. Tipton, Marie Tipton (Wf.), Raymond O. Nelkirk, Lena P. Nelkirk (Wf.)
  - Myra Finney
  - Delmus Gross
  - Charles K. Richardson, Julie Richardson (Wf.)
  - The Ray and Laise Holbrook Trust
  - Greg Werner, Rebecca Werner (Wf.)
  - Danny W. Conrad, Laura G. Conrad (Wf.)
  - Gene Seale Jr., Deanna Wolf Inbarger
  - Warren F. Toler, Elizabeth A. Toler (Wf.)
  - Amella A. Noland
  - Edward E. Wilson, Peggy H. Wilson

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

**RESIDENTIAL ENTRANCE**  
 LT. STA. 100+55 CONST. 22' ENT. W/ 32 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 51 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 18 TONS DGA

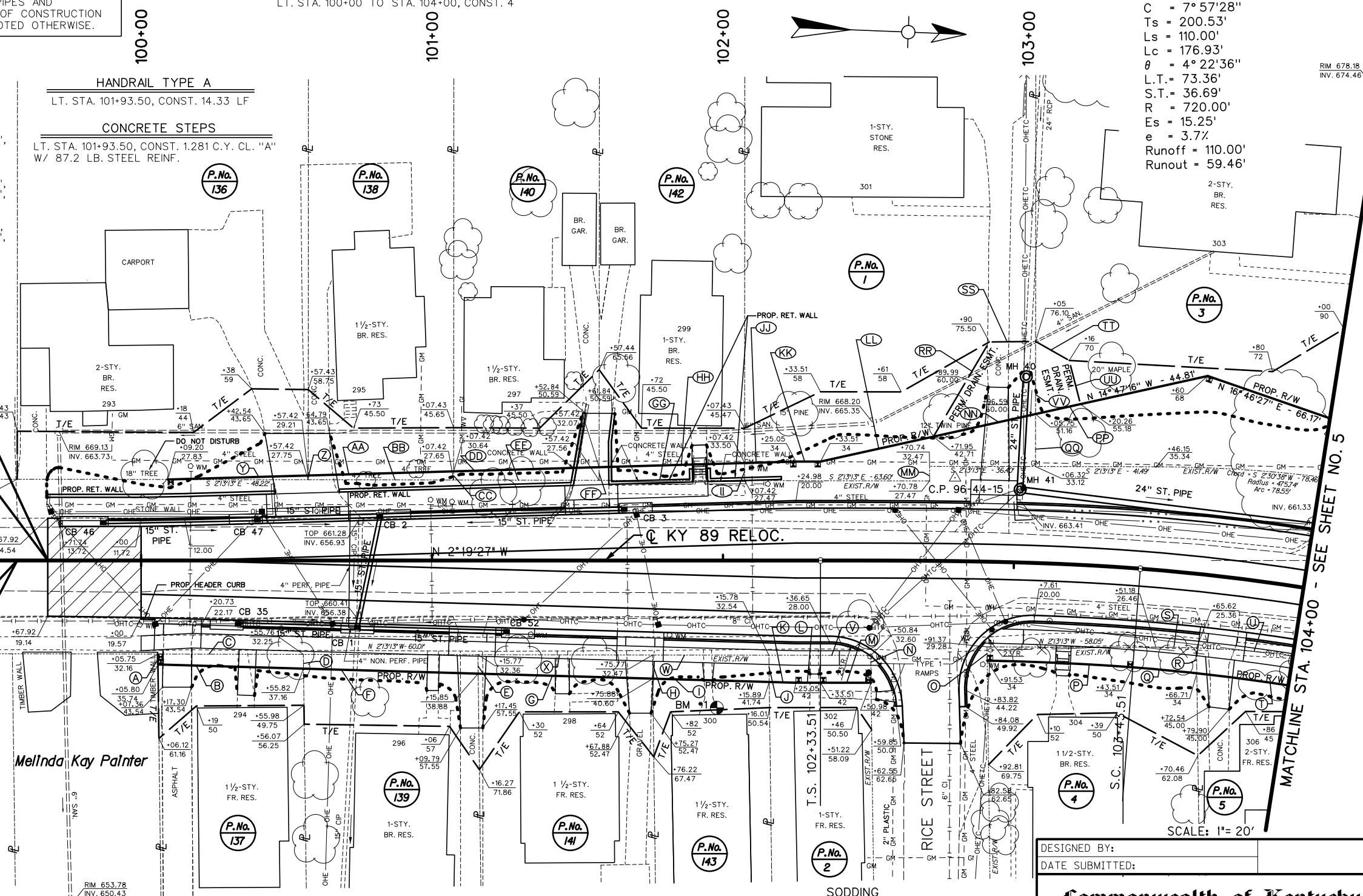
LT. STA. 101+55 CONST. 12' ENT. W/ 20 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 28 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 16 TONS DGA

LT. STA. 102+93 CONST. 10' ENT. W/ 18 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 30 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 23 TONS DGA

**SCARIFY AND RESHAPE PAVEMENT**  
 STA. 99+67.92 TO STA. 100+00.00, 112 SQ. YD.

**BEGIN CONSTRUCTION STA. 99+67.92**

**BEGIN RIGHT OF WAY STA. 99+57.42**



**RIGHT-OF-WAY DATA**

(A)	S 86°56'43" W - 3.57'
(B)	S 0° 41'15" E - 50.04'
(C)	N 21°13' W - 50.01'
(D)	S 86°56'44" W - 4.91'
(E)	S 86°56'44" W - 6.52'
(F)	S 0° 41'15" E - 60.05'
(G)	S 0° 41'15" E - 60.05'
(H)	S 86°56'43" W - 8.13'
(I)	S 0° 41'15" E - 40.03'
(J)	S 86°56'42" W - 9.20'
(K)	S 0° 41'15" E - 9.16'
(L)	S 2° 19'27" E - 8.46'
(M)	Chord - S 2° 17'15" E - 17.39'
(N)	S 86°56'43" E - 9.41'
(O)	S 86°56'42" W - 4.73'
(P)	Chord - S 0° 18'14" W - 50.10'
(Q)	Chord - S 2° 58'33" W - 22.11'
(R)	Radius = 686.00'
(S)	Arc = 22.11'
(T)	N 86°56'44" E - 8.70'
(U)	Chord - N 11°11" W - 13.97'
(V)	Radius = 413.74'
(W)	Arc = 13.97'
(X)	Chord - S 0° 7'59"10" W - 97.79'
(Y)	Radius = 686.00'
(Z)	Arc = 97.87'
(AA)	Chord - N 41°08" E - 64.99'
(AB)	Radius = 413.74'
(AC)	Arc = 65.06'
(AD)	N 21°13' W - 35.00'
(AE)	N 21°13' W - 40.00'
(AF)	N 21°13' W - 60.01'
(AG)	N 3° 57'39" W - 48.24'
(AH)	N 87°42'32" E - 1.47'

- (AA) N 3° 57'39" W - 50.02'
- (BB) S 21°13' E - 50.00'
- (CC) N 87°42'32" E - 2.98'
- (DD) N 3° 57'39" W - 50.02'
- (EE) S 21°13' E - 50.00'
- (FF) N 87°42'32" E - 4.50'
- (GG) S 21°13' E - 50.00'
- (HH) N 3° 57'39" W - 50.02'
- (II) N 87°42'32" E - 6.02'
- (JJ) N 3° 57'39" W - 17.64'
- (KK) N 2° 19'27" W - 8.46'
- (LL) N 14° 47'16" W - 39.77'
- (MM) N 87°42'32" E - 5.00'
- (NN) N 14° 47'16" W - 35.93'
- (OO) NOT USED
- (PP) N 14° 47'16" W - 15.81'
- (QQ) N 87°42'32" E - 18.05'
- (RR) N 61° 48'20" W - 37.75'
- (SS) N 2° 59'35" W - 15.93'
- (TT) N 27° 11'26" E - 13.27'
- (UU) N 73° 12'26" E - 15.50'
- (VV) N 87°42'32" E - 24.95'

**ORIGIN OF LEVELS**  
 USC&GS DISK E 46 1935  
 ELEV. 641.60 NAVD 88

**STANDARD CURB & GUTTER**  
 RT. STA. 100+20.78 TO STA. 104+00, CONST. 300'

**BEFORE YOU DIG**

The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those whom do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court Clerk to determine what utility companies have facilities in the area.

**B.M. #1 CHISELED MARK ON NW CORNER OF BOTTOM CONCRETE STEP AT FRONT ENTRANCE OF 300 NORTH MAIN STREET, 50.6 FEET RIGHT OF STA. 101+97.89, ELEV. 663.95**

**RESIDENTIAL ENTRANCE**  
 RT. STA. 100+12 CONST. 10' ENT. W/ 19 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 4 TONS DGA, AND 1 TON AS, 2 TONS AB, 4 TONS DGA (15 SQ. YD.)

RT. STA. 101+13 CONST. 10' ENT. W/ 18 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 24 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 15 TONS DGA

RT. STA. 101+71 CONST. 10' ENT. W/ 18 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 4 TONS DGA, AND 1 TON AS, 2 TONS AB, 5 TONS DGA (17 SQ. YD.)

RT. STA. 103+74 CONST. 10' ENT. W/ 18 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 16 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 11 TONS DGA

**SODDING**  
 RT. STA. 99+67.92 TO STA. 104+00, SOD TO DISTURBED LIMITS, 351 SQ. YD.

**SIDEWALK - 4" CONCRETE**  
 RT. STA. 100+00 TO STA. 104+00, CONST. 189 SQ. YD. SIDEWALK W/ 3 RAMPS TYPE 1 (INCLUDES ENTRY WALKS OF VARIOUS WIDTHS, MATCH EXISTING CONDITIONS)

**STANDARD HEADER CURB**  
 RT. STA. 100+00 TO STA. 100+04.79, CONST. 4.79'

**R/W MONUMENT TYPE 1**  
 RT. STA. 100+00 TO STA. 104+00, CONST. 6

**CONCRETE STEPS**  
 RT. STA. 103+20, CONST. 0.961 C.Y. CL. "A" CONC. W/ 66.7 LB. STEEL REINF.

DESIGNED BY:  
 DATE SUBMITTED:

**Commonwealth of Kentucky**  
**DEPARTMENT OF HIGHWAYS**  
 COUNTY OF

**ESTILL**

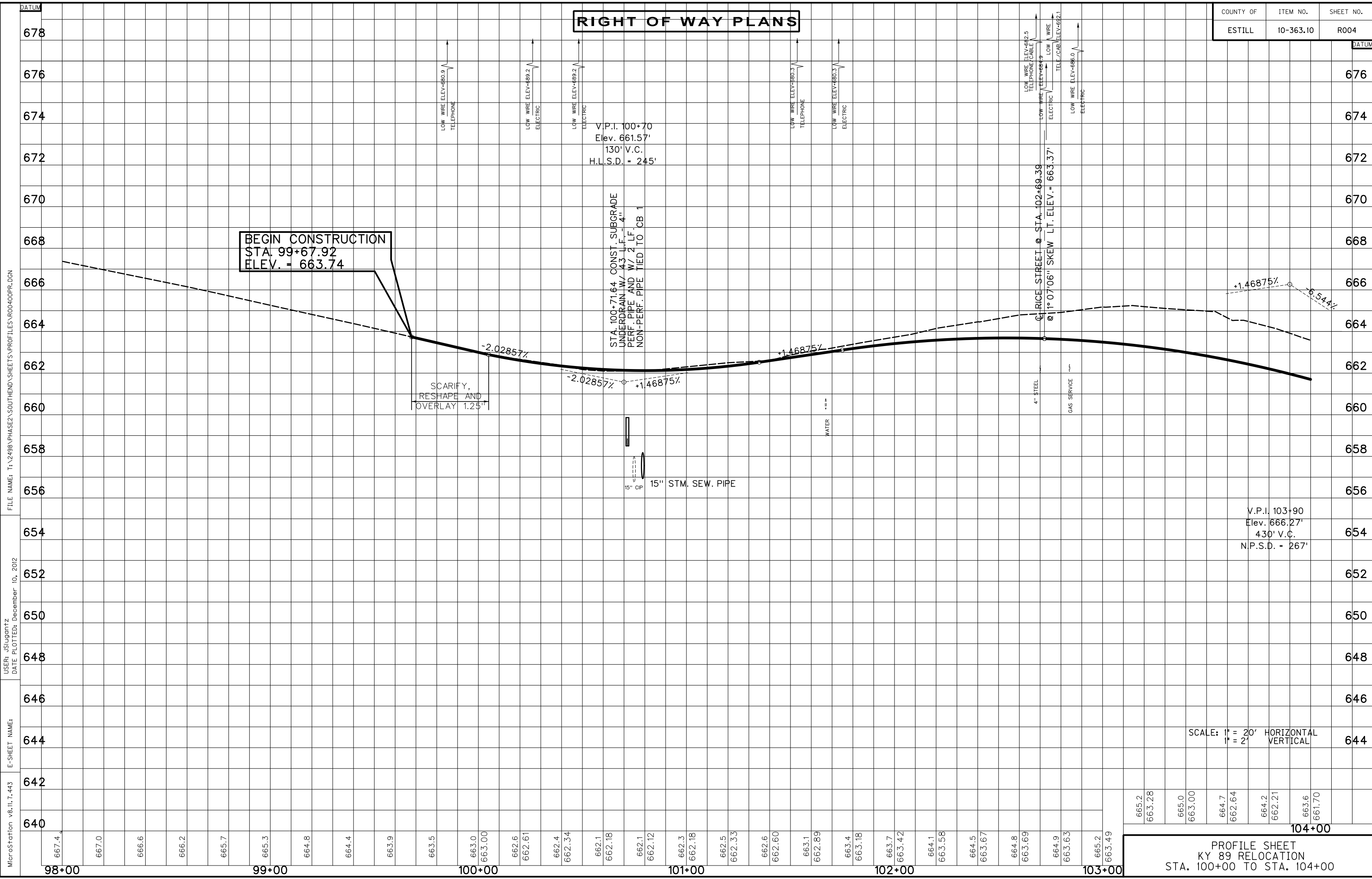
PROJECT: KY 89 RELOCATION  
 NUMBERS: FD04 033 0089 012-015 025 D

PLAN SHEET  
 KY 89 RELOCATION  
 STA. 100+00 TO STA. 104+00

FILE NAME: T:\2498 PHASE2 SOUTH END SHEETS\PLANS R00300PL.DGN  
 USER: jslugantz  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME: MicroStation v8.11.7.171

MATCHLINE STA. 104+00 - SEE SHEET NO. 5

# RIGHT OF WAY PLANS



MicroStation v8.11.7.443 E-SHEET NAME: USER: jsjagantz DATE PLOTTED: December 10, 2012 FILE NAME: T:\2498 PHASE2\SOUTHEND\SHEETS\PROFILES\RO0400PR.DGN

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

**PROFILE SHEET**  
**KY 89 RELOCATION**  
 STA. 100+00 TO STA. 104+00

665.2	663.28	665.0	663.00	664.7	662.64	664.2	662.21	663.6	661.70
-------	--------	-------	--------	-------	--------	-------	--------	-------	--------

DATUM  
678  
676  
674  
672  
670  
668  
666  
664  
662  
660  
658  
656  
654  
652  
650  
648  
646  
644  
642  
640



# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R005

## RIGHT-OF-WAY DATA

- (A) Chord - N 41°3'08" E - 64.99'  
Radius = 413.74'  
Arc = 65.06'
- (B) Chord - S 07°59'10" W - 97.79'  
Radius = 686.00'  
Arc = 97.87'
- (C) S 8°16'36" E - 8.00'
- (D) Chord - N 11°09'14" E - 31.41'  
Radius = 405.74'  
Arc = 34.42'
- (E) S 88°46'53" E - 2.93'
- (F) Chord - S 14°06'10" W - 48.59'  
Radius = 686.00'  
Arc = 48.60'
- (G) Chord - N 16°56'58" E - 47.64'  
Radius = 405.74'  
Arc = 47.66'
- (H) Chord - S 17°33'16" W - 45.82'  
Radius = 475.74'  
Arc = 45.84'
- (I) S 85°05'27" E - 16.29'
- (J) Chord - S 20°23'52" W - 30.20'
- (K) Chord - N 15°32'19" E - 111.84'  
Radius = 671.62'  
Arc = 111.97'
- (L) Chord - S 11°01'02" W - 62.67'  
Radius = 475.74'  
Arc = 62.72'
- (M) S 20°18'53" W - 77.73'
- (N) S 83°05'33" E - 18.46'
- (O) N 16°46'27" E - 43.42'
- (P) N 26°02'50" E - 42.11'
- (Q) N 26°02'50" E - 24.58'
- (R) N 75°29'23" E - 28.55'
- (S) N 12°52'42" E - 44.89'

## R/W MONUMENT TYPE 1

LT. STA. 104+00 TO STA. 110+00, CONST. 6

## STANDARD CURB & GUTTER

LT. STA. 104+00 TO STA. 110+00, CONST. 455'

## SODDING

LT. STA. 104+00 TO STA. 110+00, CONST. 217 SQ. YD.

**NOTE:**  
PRIVATELY OWNED STORM SEWER STRUCTURES THAT ARE REMOVED SHALL BE OFFERED TO THE OWNER PRIOR TO DISPOSITION BY THE CONTRACTOR

P.I. 109+37.89  
 $\Delta = 29^\circ 35' 24''$  Lt.  
 $C = 11^\circ 41' 35''$   
 $T_s = 184.67'$   
 $L_s = 110.00'$   
 $L_c = 143.06'$   
 $\theta = 6^\circ 25' 52''$   
 $L.T. = 73.38'$   
 $S.T. = 36.71'$   
 $R = 490.00'$   
 $E_s = 17.87'$   
 $e = 4.0\%$   
 $Runoff = 110.00'$   
 $Runout = 55.00'$

## RESIDENTIAL ENTRANCE

- LT. STA. 104+13 CONST. 14' ENT. W/  
22 SQ. YD. CEM. CONC. ENT. PAVEMENT 8",  
69 SQ. YD. CEM. CONC. ENT. PAVEMENT 6",  
31 TONS DGA
- LT. STA. 104+36 CONST. 14' ENT. W/  
22 SQ. YD. CEM. CONC. ENT. PAVEMENT 8",  
67 SQ. YD. CEM. CONC. ENT. PAVEMENT 6",  
27 TONS DGA
- LT. STA. 105+90 CONST. 10' ENT. W/  
32 SQ. YD. CEM. CONC. ENT. PAVEMENT 8",  
18 SQ. YD. CEM. CONC. ENT. PAVEMENT 6",  
17 TONS DGA
- LT. STA. 106+12 CONST. 10' ENT. W/  
18 SQ. YD. CEM. CONC. ENT. PAVEMENT 6",  
7 SQ. YD. CEM. CONC. ENT. PAVEMENT 6",  
7 TONS DGA
- LT. STA. 108+70 CONST. 10' ENT. W/18  
TONS DGA, AND 3 TONS AS, 5 TONS AB,  
11 TONS DGA (42 SQ. YD.)
- LT. STA. 109+83 CONST. 10' ENT. W/18  
SQ. YD. CEM. CONC. ENT. PAVEMENT, 4  
TONS DGA, AND 1 TON AS, 2 TONS AB,  
5 TONS DGA (19 SQ. YD.)

105+00

106+00

108+00

109+00

MATCHLINE STA. 104+00 - SEE SHEET NO. 3

MATCHLINE STA. 110+00 - SEE SHEET NO. 7

FILE NAME: T:\2498 PHASE2 SOUTHEND\ SHEETS\ PLANS\ R00500PL.DGN  
 USER: ISLUGENTZ  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME: MicroStation v8.11.7.171

P.I. 104+34.04  
 $\Delta = 22^\circ 50' 00''$  Rt.  
 $C = 7^\circ 57' 28''$   
 $T_s = 200.53'$   
 $L_s = 110.00'$   
 $L_c = 176.93'$   
 $\theta = 4^\circ 22' 36''$   
 $L.T. = 73.36'$   
 $S.T. = 36.69'$   
 $R = 720.00'$   
 $E_s = 15.25'$   
 $e = 3.7\%$   
 $Runoff = 110.00'$   
 $Runout = 59.46'$

B.M. \* 2 CHISELED SQUARE ON NORTH CORNER OF CONCRETE RETAINING WALL ON SOUTH SIDE OF DRIVE TO 307 NORTH MAIN STREET, 115.0 FEET LEFT OF STA. 105+89.52, ELEV. 656.68

R/W MONUMENT TYPE 1  
 RT. STA. 104+00 TO STA. 110+00, CONST. 5

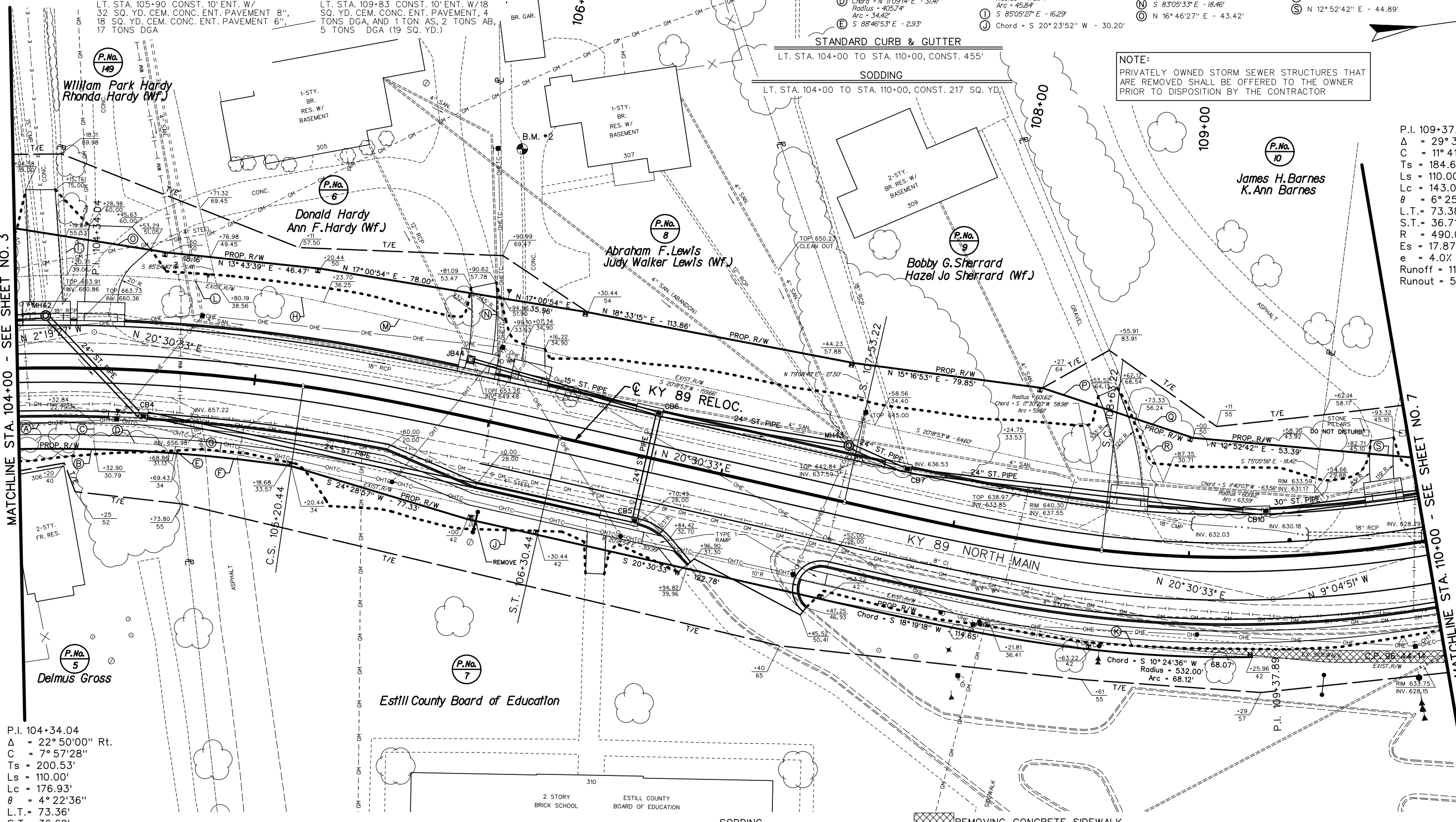
REMOVING CONCRETE SIDEWALK  
 RT. STA. 109+03.72 TO STA. 110+00, REMOVE 43 SQ. YD.

SIDEWALK - 4" CONCRETE  
 RT. STA. 104+00 TO STA. 110+00, CONST. 311 SQ. YD. SIDEWALK W/2 RAMPS TYPE 1 (INCLUDES ENTRY WALKS OF VARIOUS WIDTHS, MATCH EXISTING CONDITIONS)

STANDARD CURB & GUTTER  
 RT. STA. 104+00 TO STA. 110+00, CONST. 545'

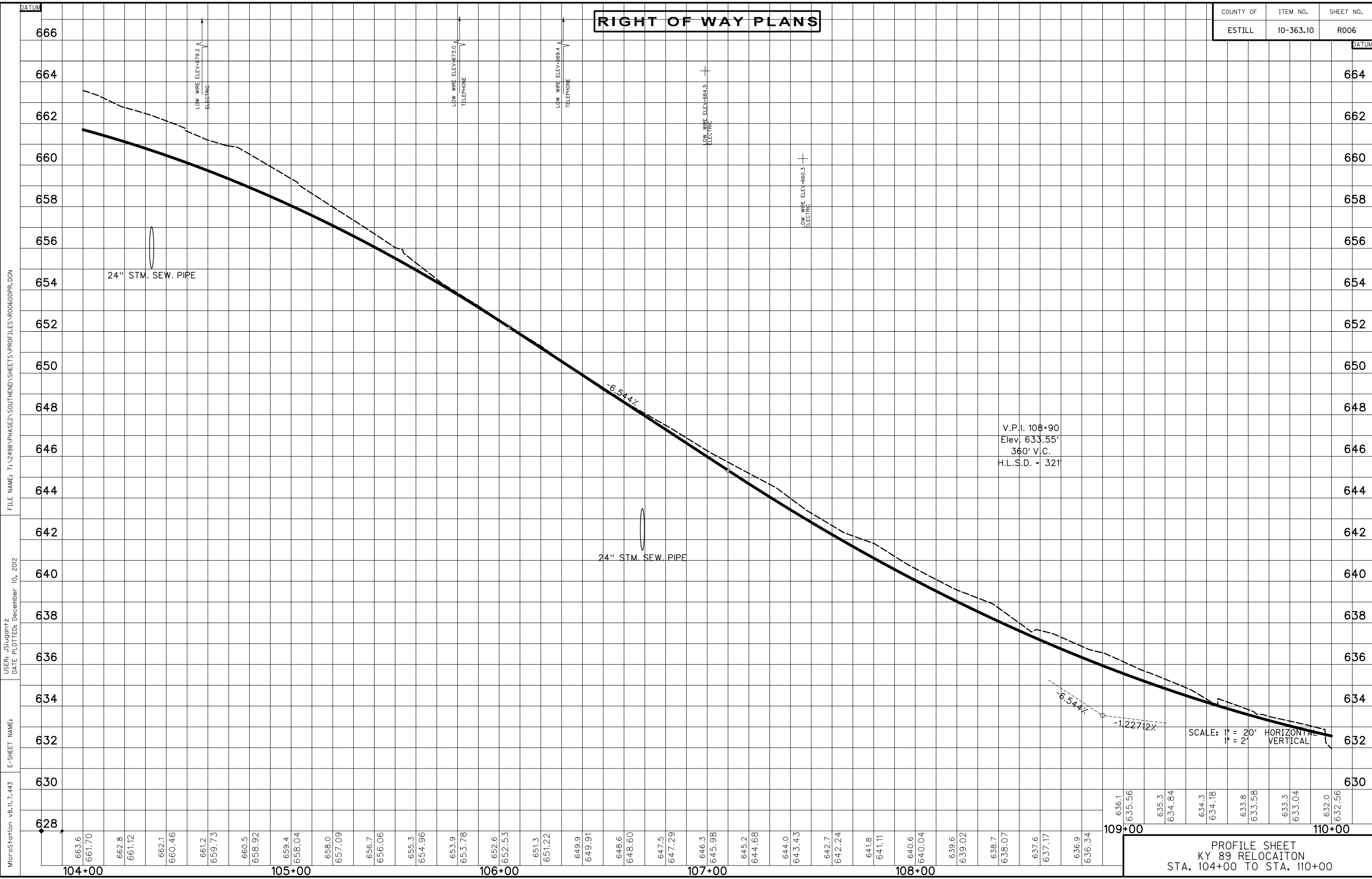
PLAN SHEET  
 KY 89 RELOCATION  
 STA. 104+00 TO STA. 110+00

SCALE: 1" = 20'



# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R006



MicroStation v8.11.7.443  
 E-SHEET NAME:  
 USER: jsilqantz  
 DATE PLOTTED: December 10, 2012  
 FILE NAME: T:\2498 PHASE2\SOUTHEND\SHEETS\PROFILES\R00600PR.DGN

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

**PROFILE SHEET**  
**KY 89 RELOCAITON**  
**STA. 104+00 TO STA. 110+00**

# RIGHT OF WAY PLANS

P.I. 109+37.89  
 $\Delta = 29^\circ 35' 24''$  Lt. LT. STA. 110+00 TO STA. 116+00, CONST. 227 SQ. YD.  
 $C = 11^\circ 41' 35''$   
 $T_s = 184.67'$   
 $L_s = 110.00'$   
 $L_c = 143.06'$   
 $\theta = 6^\circ 25' 52''$   
 $L.T. = 73.38'$   
 $S.T. = 36.71'$   
 $R = 490.00'$   
 $E_s = 17.87'$   
 $e = 4.0\%$   
 Runoff = 110.00'  
 Runout = 55.00'

MAINLINE DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE	TYPE	LINING
111+60 to 112+20	2' F.B. SURF.	E.B.	47 S.Y.
112+20 to 112+40	2' F.B. SURF.	CL. II	10 TONS
112+40	4' F.B. APRON	CL. II	15 TONS
112+40 to 112+99.27	2' F.B. SURF.	CL. 1A	123 TONS

\* DEPTH TO PROTECT = 2.0'  
 \*\* THICKNESS = 3.0', DEPTH TO PROTECT = 2.0'

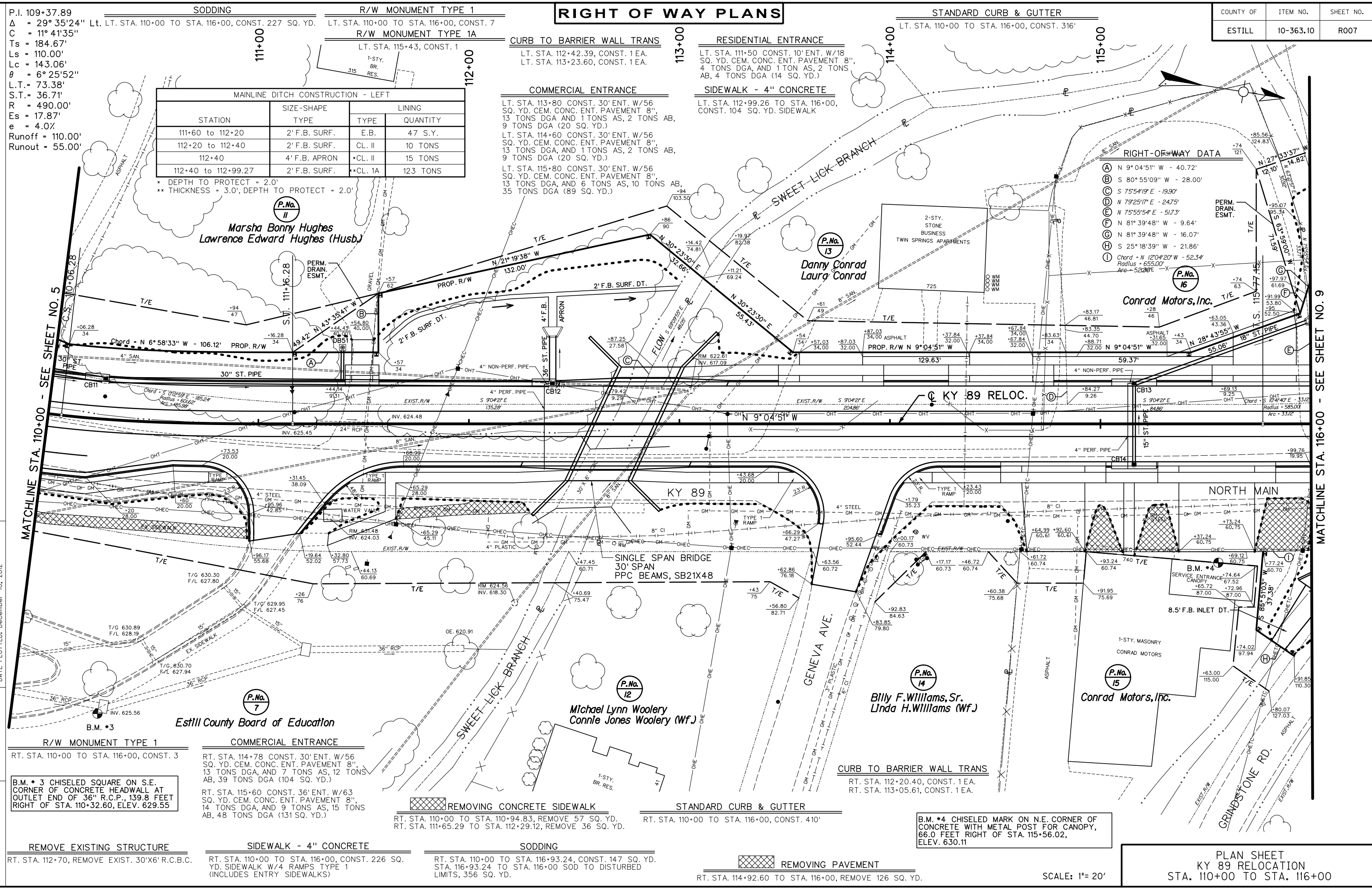
**CURB TO BARRIER WALL TRANS**  
 LT. STA. 112+42.39, CONST. 1 EA.  
 LT. STA. 113+23.60, CONST. 1 EA.

**RESIDENTIAL ENTRANCE**  
 LT. STA. 111+50 CONST. 10' ENT. W/18 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 4 TONS DGA, AND 1 TON AS, 2 TONS AB, 4 TONS DGA (14 SQ. YD.)

**COMMERCIAL ENTRANCE**  
 LT. STA. 113+80 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA AND 1 TONS AS, 2 TONS AB, 9 TONS DGA (20 SQ. YD.)  
 LT. STA. 114+60 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 1 TONS AS, 2 TONS AB, 9 TONS DGA (20 SQ. YD.)  
 LT. STA. 115+80 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 6 TONS AS, 10 TONS AB, 35 TONS DGA (89 SQ. YD.)

**SIDEWALK - 4" CONCRETE**  
 LT. STA. 112+99.26 TO STA. 116+00, CONST. 104 SQ. YD. SIDEWALK

**STANDARD CURB & GUTTER**  
 LT. STA. 110+00 TO STA. 116+00, CONST. 316'



**Marsha Bonny Hughes  
 Lawrence Edward Hughes (Husb.)**

**Danny Conrad  
 Laura Conrad**

**Conrad Motors, Inc.**

**Billy F. Williams, Sr.  
 Linda H. Williams (Wf.)**

**Michael Lynn Woolery  
 Connie Jones Woolery (Wf.)**

**Conrad Motors, Inc.**

**Estill County Board of Education**

**R/W MONUMENT TYPE 1**  
 RT. STA. 110+00 TO STA. 116+00, CONST. 3

**COMMERCIAL ENTRANCE**  
 RT. STA. 114+78 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 7 TONS AS, 12 TONS AB, 39 TONS DGA (104 SQ. YD.)  
 RT. STA. 115+60 CONST. 36' ENT. W/63 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 14 TONS DGA, AND 9 TONS AS, 15 TONS AB, 48 TONS DGA (131 SQ. YD.)

**B.M. \* 3 CHISELED SQUARE ON S.E. CORNER OF CONCRETE HEADWALL AT OUTLET END OF 36" R.C.P., 139.8 FEET RIGHT OF STA. 110+32.60, ELEV. 629.55**

**REMOVING CONCRETE SIDEWALK**  
 RT. STA. 110+00 TO STA. 110+94.83, REMOVE 57 SQ. YD.  
 RT. STA. 111+65.29 TO STA. 112+29.12, REMOVE 36 SQ. YD.

**STANDARD CURB & GUTTER**  
 RT. STA. 110+00 TO STA. 116+00, CONST. 410'

**CURB TO BARRIER WALL TRANS**  
 RT. STA. 112+20.40, CONST. 1 EA.  
 RT. STA. 113+05.61, CONST. 1 EA.

**B.M. \* 4 CHISELED MARK ON N.E. CORNER OF CONCRETE WITH METAL POST FOR CANOPY, 66.0 FEET RIGHT OF STA. 115+56.02, ELEV. 630.11**

**REMOVE EXISTING STRUCTURE**  
 RT. STA. 112+70, REMOVE EXIST. 30'X6' R.C.B.C.

**SIDEWALK - 4" CONCRETE**  
 RT. STA. 110+00 TO STA. 116+00, CONST. 226 SQ. YD. SIDEWALK W/4 RAMPS TYPE 1 (INCLUDES ENTRY SIDEWALKS)

**SODDING**  
 RT. STA. 110+00 TO STA. 116+93.24, CONST. 147 SQ. YD.  
 STA. 116+93.24 TO STA. 116+00 SOD TO DISTURBED LIMITS, 356 SQ. YD.

**REMOVING PAVEMENT**  
 RT. STA. 114+92.60 TO STA. 116+00, REMOVE 126 SQ. YD.

**PLAN SHEET  
 KY 89 RELOCATION  
 STA. 110+00 TO STA. 116+00**

SCALE: 1" = 20'

FILE NAME: T:\2498 PHASE2 SOUTHEND SHEETS\PLANS\ROOT\00PL.DGN  
 USER: jslugentz  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.171

MATCHLINE STA. 110+00 - SEE SHEET NO. 5

MATCHLINE STA. 116+00 - SEE SHEET NO. 9

### RIGHT OF WAY PLANS

**R/W MONUMENT TYPE 1A**  
LT. STA. 120+37 AND 120+48.85, CONST. 2

**R/W MONUMENT TYPE 1**  
LT. STA. 116+00 TO STA. 122+00, CONST. 6

**SODDING**  
RT. STA. 116+00 TO STA. 116+87.15, CONST. 42 SQ. YD.  
STA. 116+87.15 TO STA. 122+00, SOD TO DISTURBED LIMITS, 349 SQ. YD.

DITCH CONSTRUCTION			
STATION	SIZE-SHAPE	TYPE	QUANTITY
116+01.77 LT.	5.25' F.B. OUTLET	CL. III	5 TONS
116+01.93 RT.	8.5' F.B. INLET	CL. III	167 TONS
116+16.23 LT.	8.5' F.B. OUTLET	CL. III	377 TONS
116+32.02 LT.	7.0' F.B. OUTLET	CL. III	10 TONS
118+86.95 RT.	5.5' F.B. INLET	*CL. III	61 TONS

\* THICKNESS = 3.0', DEPTH TO PROTECT = 1.70'

**SIWALK - 4" CONCRETE**  
LT. STA. 116+00 TO STA. 122+00, CONST. 212 SQ. YD. SIDEWALK W/2 RAMPS TYPE 1

**STANDARD CURB & GUTTER**  
LT. STA. 116+00 TO STA. 122+00, CONST. 369'

**COMMERCIAL ENTRANCE**  
LT. STA. 117+86 CONST. 30' ENT. W/ 56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 426 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 111 TONS DGA

LT. STA. 118+85 CONST. 30' ENT. W/ 56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 13 TONS AS, 22 TONS AB, 72 TONS DGA (194 SQ. YD.)

LT. STA. 121+44 CONST. 30' ENT. W/ 56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 6 TONS AS, 10 TONS AB, 33 TONS DGA (86 SQ. YD.)

**SAFELOAD PIPE**  
LT. STA. 119+03 TO 119+13.50 SAFELOAD 150 L.F. - 36" ST. PIPE W/ 39 CUBIC YARDS.

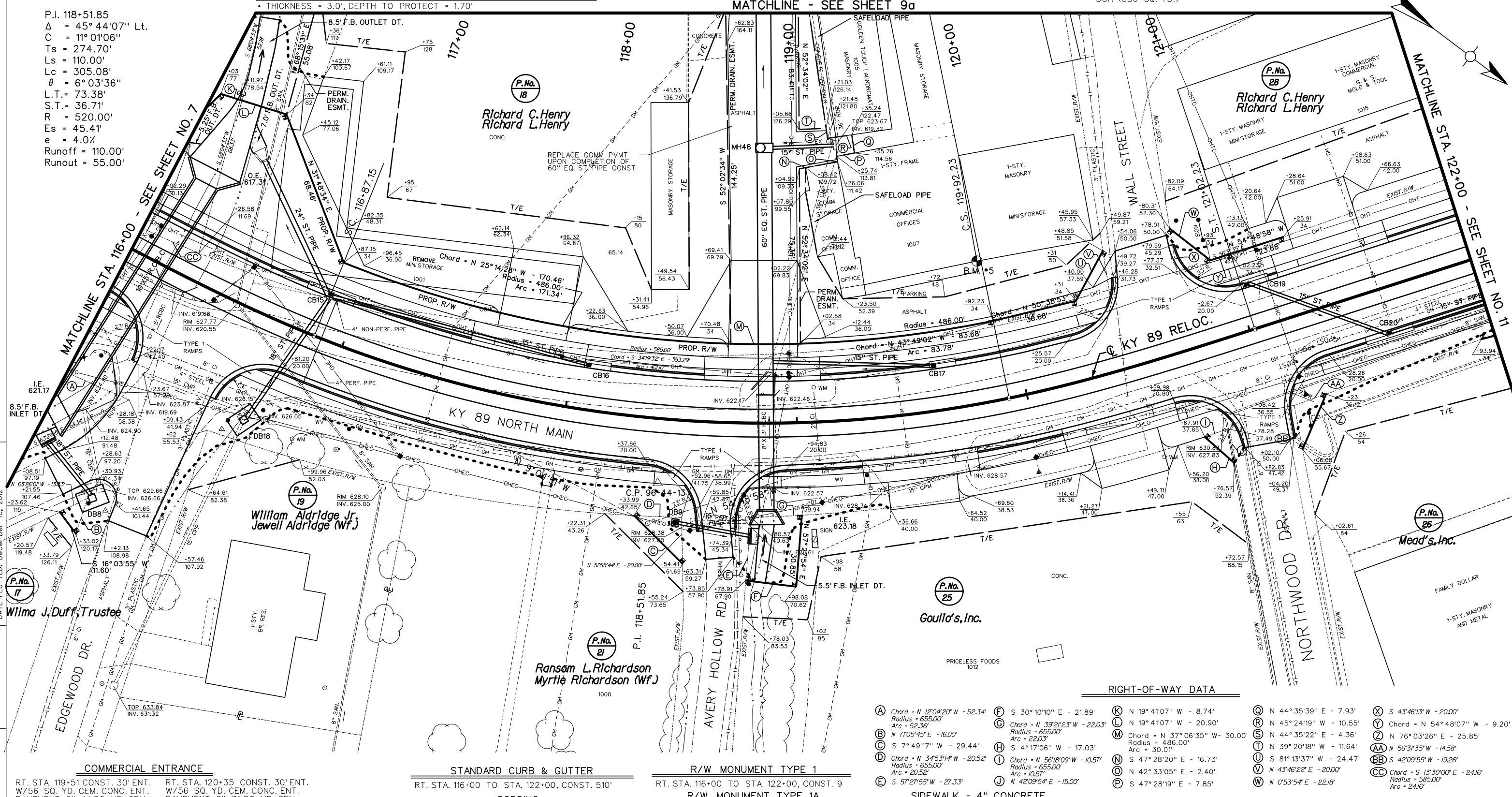
**REMOVE EXISTING STRUCTURE**  
LT. STA. 116+34 TO STA. 117+95, REMOVE PARCEL 18 MINI STORAGE BLDG.

**COMMERCIAL PAVEMENT**  
LT. STA. 118+85 CONST. COMM. PAVMT. W/ 26 TONS AS, 42 TONS AB, 131 TONS DGA (380 SQ. YD.)

B.M. #5 CHISELED MARK ON S.E. CORNER OF CONCRETE SLAB FOOTER NEAR ENTRANCE DOOR NO. 79 OF MINI STORAGE BUILDING, 60.7 FEET LEFT OF STA. 119+90.34, ELEV. 627.29

P.I. 118+51.85  
Δ = 45° 44' 07" Lt.  
C = 11° 01' 06"  
Ts = 274.70'  
Ls = 110.00'  
Lc = 305.08'  
θ = 6° 03' 36"  
L.T. = 73.38'  
S.T. = 36.71'  
R = 520.00'  
Es = 45.41'  
e = 4.0%  
Runoff = 110.00'  
Runout = 55.00'

FILE NAME: T:\2498 PHASE 2 SOUTH END SHEETS\PLANS\ROADS\PLD.DGN  
 USER: ISJGANTZ  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME: MicroStation v8.11.7.171



**COMMERCIAL ENTRANCE**  
RT. STA. 119+51 CONST. 30' ENT. W/ 56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 41 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 24 TONS DGA

RT. STA. 120+35 CONST. 30' ENT. W/ 56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 71 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 33 TONS DGA

**STANDARD CURB & GUTTER**  
RT. STA. 116+00 TO STA. 122+00, CONST. 510'

**SODDING**  
SOD PARCEL 19,21,26 TO DISTURBED LIMITS, 282 SQ. YD.  
RT. STA. 116+00 TO STA. 122+00, SOD 208 SQ. YD.

**R/W MONUMENT TYPE 1**  
RT. STA. 116+00 TO STA. 122+00, CONST. 9

**R/W MONUMENT TYPE 1A**  
RT. STA. 120+56.19, STA. 120+76.57, AND STA. 121+06.08, CONST. 3

RIGHT-OF-WAY DATA			
A	Chord - N 120°42'20" W - 52.34' Radius = 655.00'	F	S 30°10'10" E - 21.89'
B	N 71°05'45" E - 16.00'	G	Chord - N 39°21'23" W - 22.03' Radius = 655.00'
C	S 7°49'17" W - 29.44'	H	S 4°17'06" W - 17.03'
D	Chord - N 34°53'14" W - 20.52' Radius = 655.00'	I	Chord - N 56°18'09" W - 10.57' Radius = 655.00'
E	S 57°27'55" W - 27.33'	J	N 42°09'54" E - 15.00'
K	N 19°41'07" W - 8.74'	L	N 19°41'07" W - 20.90'
M	Chord - N 37°06'35" W - 30.00' Radius = 486.00'	N	S 47°28'20" E - 16.73'
O	N 42°33'05" E - 2.40'	P	S 47°28'19" E - 7.85'
Q	N 44°35'39" E - 7.93'	R	N 45°24'19" W - 10.55'
S	N 44°35'22" E - 4.36'	T	N 39°20'18" W - 11.64'
U	S 81°13'37" W - 24.47'	V	N 43°46'22" E - 20.00'
W	N 05°51'54" E - 22.18'	X	S 43°46'13" W - 20.00'
Y	Chord - N 54°48'07" W - 9.20'	Z	N 76°03'26" E - 25.85'
AA	N 56°31'35" W - 14.58'	BB	S 42°09'55" W - 19.26'
CC	Chord - S 13°30'00" E - 24.16' Radius = 585.00'		

PLAN SHEET  
KY 89 RELOCATION  
STA. 116+00 TO STA. 122+00

SCALE: 1"=20'

SCALE: 1"= 20'

# RIGHT OF WAY PLANS

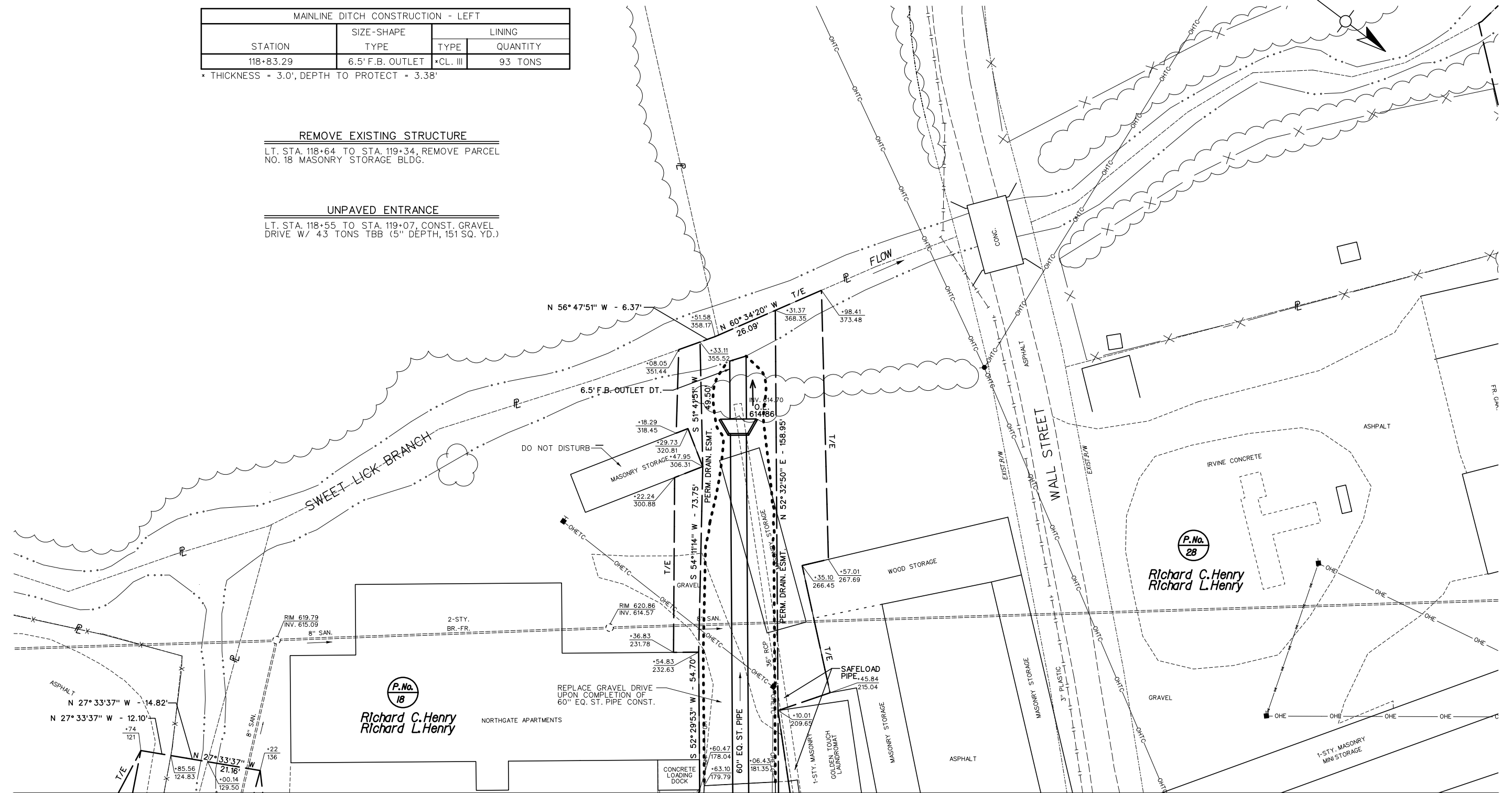
COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R009A

MAINLINE DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
118+83.29	6.5' F.B. OUTLET	*CL. III	93 TONS

\* THICKNESS = 3.0', DEPTH TO PROTECT = 3.38'

REMOVE EXISTING STRUCTURE  
 LT. STA. 118+64 TO STA. 119+34, REMOVE PARCEL  
 NO. 18 MASONRY STORAGE BLDG.

UNPAVED ENTRANCE  
 LT. STA. 118+55 TO STA. 119+07, CONST. GRAVEL  
 DRIVE W/ 43 TONS TBB (5" DEPTH, 151 SQ. YD.)



MATCHLINE - SEE SHEET 9

FILE NAME: T:\2498\PHASE2\SOUTHEND\SHEETS\PLANS\R009A0PL.DGN

USER: jsuqantz  
DATE PLOTTED: December 10, 2012

E-SHEET NAME:

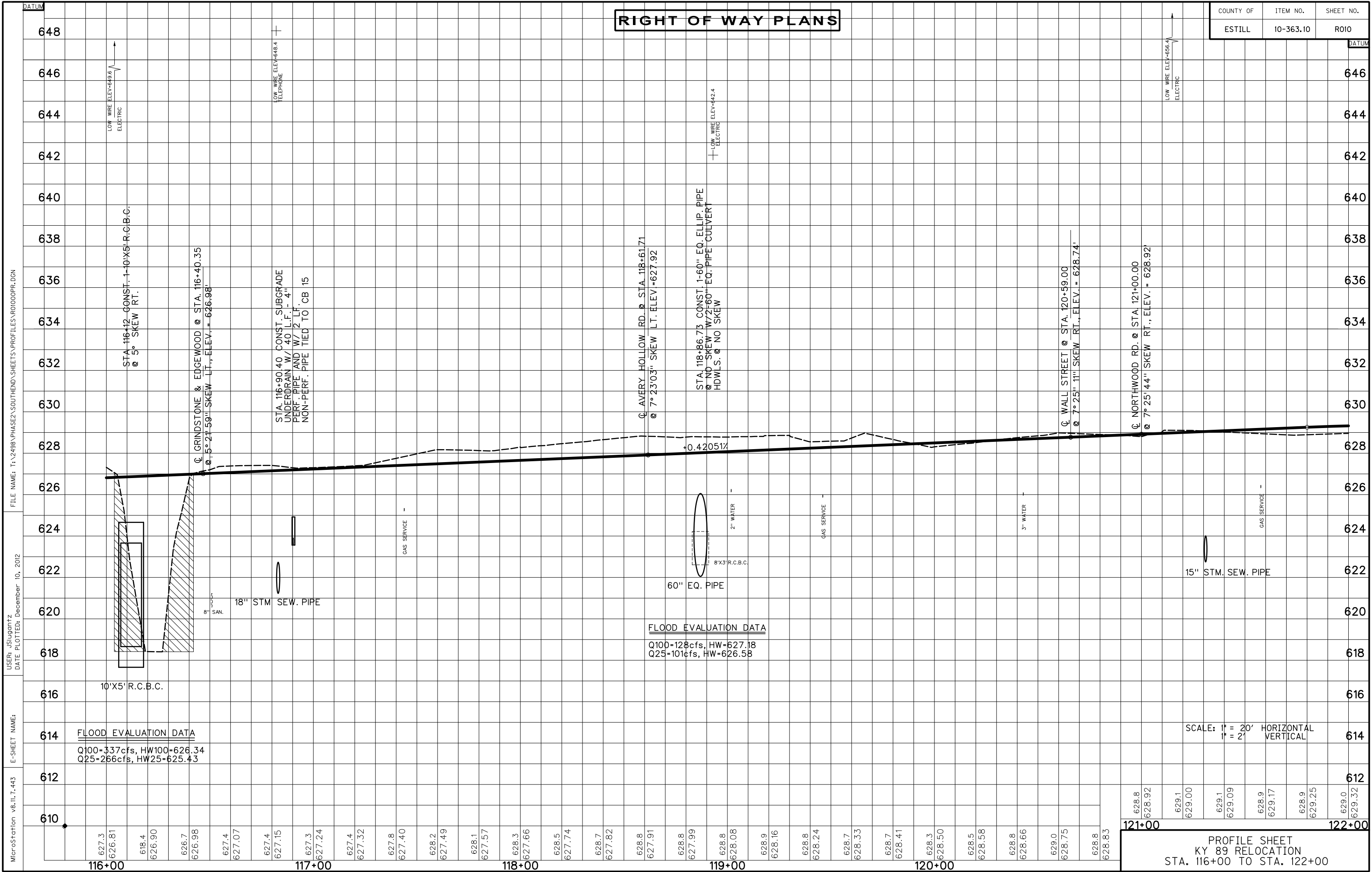
MicroStation v8.11.7.171

PLAN SHEET  
 KY 89 RELOCATION  
 STA. 116+00 TO STA. 122+00 MATCHLINE

SCALE: 1" = 20'

# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R010



**FLOOD EVALUATION DATA**  
 Q100=337cfs, HW100=626.34  
 Q25=266cfs, HW25=625.43

**FLOOD EVALUATION DATA**  
 Q100=128cfs, HW=627.18  
 Q25=101cfs, HW=626.58

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

628.8	628.92	629.1	629.109	628.9	629.17	628.9	629.25	629.0	629.32
121+00									122+00

PROFILE SHEET  
 KY 89 RELOCATION  
 STA. 116+00 TO STA. 122+00

MicroStation v8.11.7.443  
 E-SHEET NAME:  
 USER: jsjucantz  
 DATE PLOTTED: December 10, 2012  
 FILE NAME: T:\2498 PHASE2\SOUTHEND\SHEETS\PROFILES\RO1000PR.DGN

DATUM  
 648  
 646  
 644  
 642  
 640  
 638  
 636  
 634  
 632  
 630  
 628  
 626  
 624  
 622  
 620  
 618  
 616  
 614  
 612  
 610

DATUM  
 646  
 644  
 642  
 640  
 638  
 636  
 634  
 632  
 630  
 628  
 626  
 624  
 622  
 620  
 618  
 616  
 614  
 612

# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	ROLL

### STANDARD CURB & GUTTER

LT. STA. 122+00 TO STA. 128+00, CONST. 259'

### SIDEWALK - 4" CONCRETE

LT. STA. 122+00 TO STA. 128+00, CONST. 151 SQ. YD. SIDEWALK

### COMMERCIAL ENTRANCE

LT. STA. 122+57 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 7 TONS AS, 12 TONS AB, 39 TONS DGA (104 SQ. YD.)  
 LT. STA. 123+52 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 6 TONS AS, 9 TONS AB, 32 TONS DGA (83 SQ. YD.)

LT. STA. 124+40 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 70 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 33 TONS DGA  
 LT. STA. 124+84 CONST. 12' ENT. W/35 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 29 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 19 TONS DGA  
 LT. STA. 125+26 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 30 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 13+ TONS DGA

LT. STA. 126+00 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 8 TONS AS, 13 TONS AB, 42 TONS DGA (112 SQ. YD.)  
 LT. STA. 127+60 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 6 TONS AS, 10 TONS AB, 34 TONS DGA (88 SQ. YD.)

### SODDING

STA. 122+00 TO STA. 128+00, SOD TO DISTURBED LIMITS, 621 SQ. YD.

### ADJUST MONITORING WELL

37.31' LT. STA. 127+13.11, ADJUST 1

B.M. #6 CHISELED SQUARE ON N.E. CORNER OF CONCRETE WALK AT N.E. CORNER OF BUILDING, 70.8 FEET RIGHT OF STA. 126+80.06, ELEV. 625.13

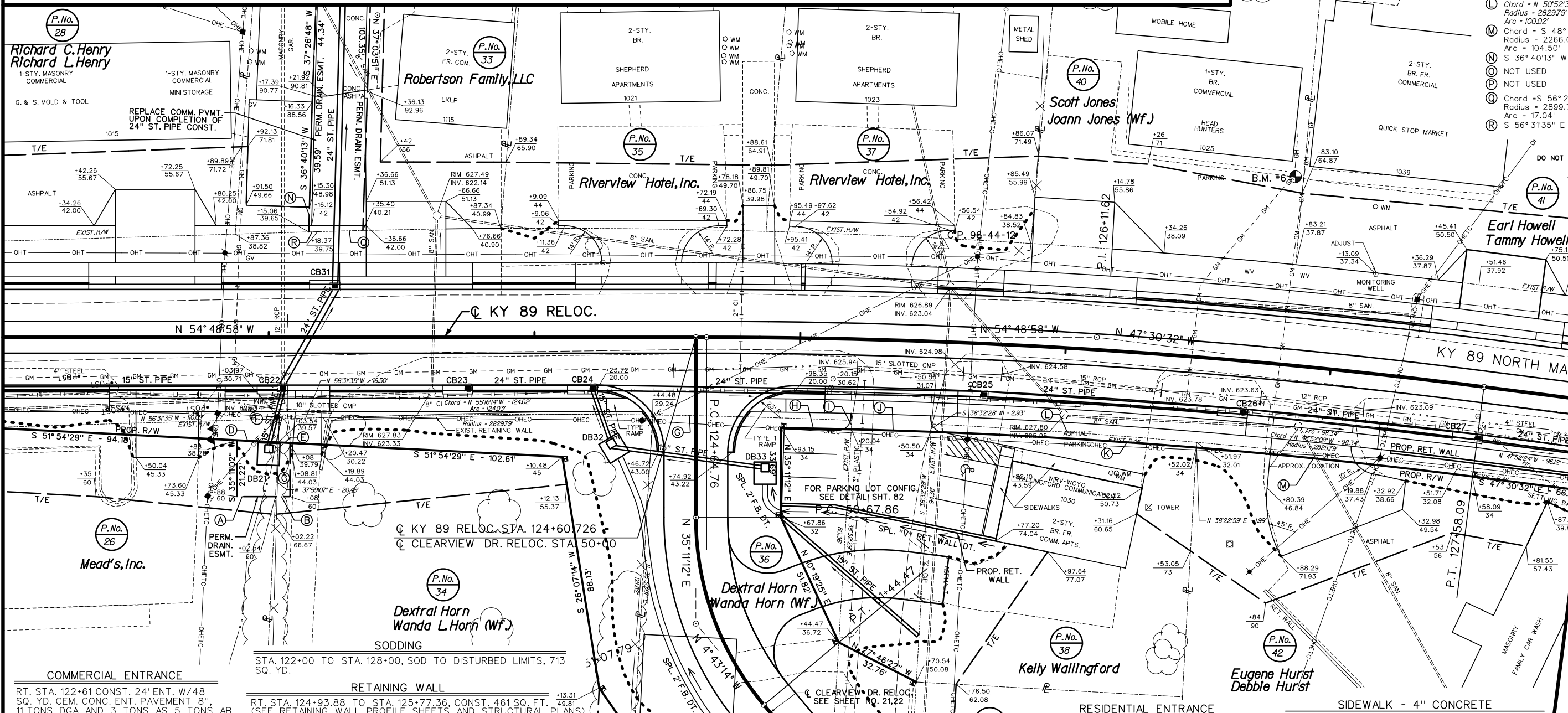
### RIGHT-OF-WAY DATA

- A S 54° 48' 58" E - 14.54'
- B S 54° 48' 58" E - 5.46'
- C N 35° 11' 02" E - 20.21'
- D S 51° 54' 29" E - 15.56'
- E S 51° 54' 29" E - 4.46'
- F N 37° 59' 07" E - 8.86'
- G Chord - N 53° 15' 22" W - 74.96' Radius = 2829.79' Arc = 74.96'
- H Chord - S 53° 46' 26" E - 26.49' Radius = 2266.00' Arc = 26.49'
- I N 38° 32' 29" E - 3.38'
- J Chord - S 53° 03' 35" E - 30.01' Radius = 2266.00' Arc = 30.01'
- K Chord - S 51° 24' 56" E - 100.02' Radius = 2266.00' Arc = 100.02'
- L Chord - N 50° 52' 38" W - 100.02' Radius = 2829.79' Arc = 100.02'
- M Chord - S 48° 49' 48" E - 104.49' Radius = 2266.00' Arc = 104.50'
- N S 36° 40' 13" W - 9.34'
- O NOT USED
- P NOT USED
- Q Chord - S 56° 21' 29" E - 17.04' Radius = 2899.79' Arc = 17.04'
- R S 56° 31' 35" E - 3.31'

FILE NAME: T:\2498 PHASE 2 SOUTH END SHEETS\PLANS\ROI100PL.DGN  
 USER: jsluqantz  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME: MicroStation v8.11.7.171

MATCHLINE STA. 122+00 - SEE SHEET NO. 9

MATCHLINE STA. 128+00 - SEE SHEET NO. 13



### COMMERCIAL ENTRANCE

RT. STA. 122+61 CONST. 24' ENT. W/48 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 11 TONS DGA, AND 3 TONS AS, 5 TONS AB, 18 TONS DGA (45 SQ. YD.)

RT. STA. 125+34 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 21 TONS AS, 34 TONS AB, 163 TONS DGA (301 SQ. YD.)

RT. STA. 126+96 CONST. 30' ENT. W/54 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 12 TONS AS, 19 TONS AB, 62 TONS DGA (169 SQ. YD.)

### RETAINING WALL

RT. STA. 124+93.88 TO STA. 125+77.36, CONST. 461 SQ. FT. (SEE RETAINING WALL PROFILE SHEETS AND STRUCTURAL PLANS)

### DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE	LINING	
		TYPE	QUANTITY
124+93.88 to 125+31.96	SPL. "V" RET. WALL	CL. II	13 TONS
125+31.98 to 125+76.87	SPL. "V" RET. WALL	E.B.	22 S.Y.

### R/W MONUMENT TYPE 1

RT. STA. 122+00 TO STA. 128+00, CONST. 3

### RETAINING WALL, GRAVITY TYPE, NON-REINFORCED

RT. STA. 127+26 TO STA. 128+00, CONST. 40.06 CY (SEE RETAINING WALL PROFILE SHEETS)

### RESIDENTIAL ENTRANCE

RT. STA. 123+15 CONST. 10' ENT. W/18 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 4 TONS DGA AND 1 TON AS, 2 TONS AB, 5 TONS DGA (19 SQ. YD.)

### STANDARD CURB & GUTTER

RT. STA. 122+00 TO STA. 128+00, CONST. 510'

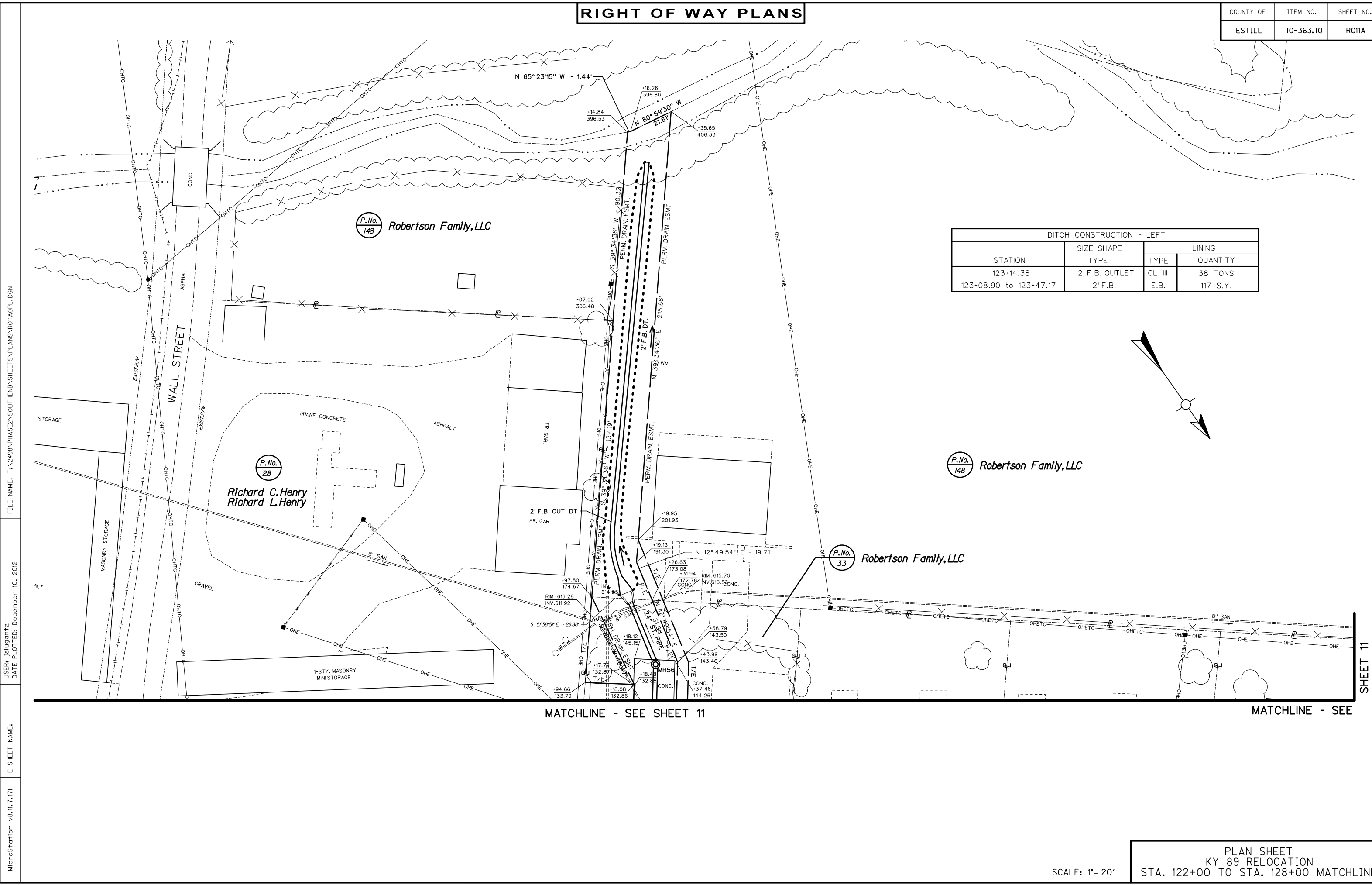
### SIDEWALK - 4" CONCRETE

RT. STA. 122+00 TO STA. 128+00, CONST. 218 SQ. YD. SIDEWALK W/ 2 RAMPS TYPE 1  
 RT. STA. 125+74.81 TO STA. 125+79.14, CONST. 48 SQ. YD. W/ 1 RAMP TYPE 2 (INCLUDES ENTRY WALKS)

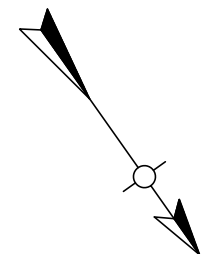
PLAN SHEET  
 KY 89 RELOCATION  
 STA. 122+00 TO STA. 128+00  
 SCALE: 1" = 20'

# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	RO11A



DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
123+14.38	2' F.B. OUTLET	CL. III	38 TONS
123+08.90 to 123+47.17	2' F.B.	E.B.	117 S.Y.



FILE NAME: T:\2498 PHASE2 SOUTHEND\ SHEETS\ PLANS\ RO11A\ PL.DGN  
 USER: jsluqntz  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.171

SHEET 11

MATCHLINE - SEE SHEET 11

MATCHLINE - SEE

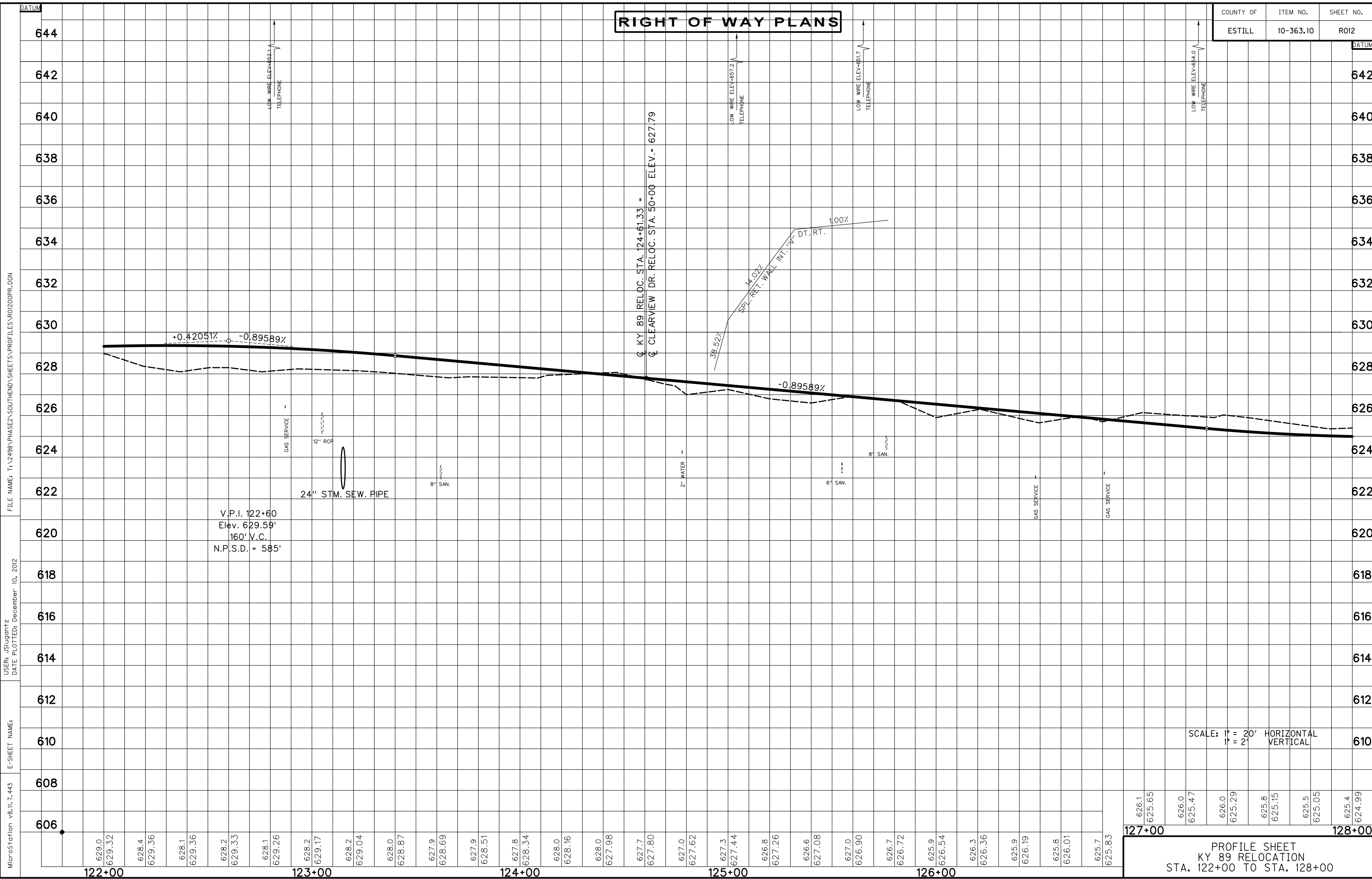
PLAN SHEET  
 KY 89 RELOCATION  
 STA. 122+00 TO STA. 128+00 MATCHLINE

SCALE: 1"= 20'



# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R012



MicroStation v8.11.7.443  
 E-SHEET NAME:  
 DATE PLOTTED: December 10, 2012  
 USER: jsilgentz  
 FILE NAME: T:\2498\PHASE2\SOUTHEND\SHEETS\PROFILES\R01200PR.DGN

V.P.I. 122+60  
 Elev. 629.59'  
 160' V.C.  
 N.P.S.D. = 585'

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

127+00	626.10	625.65	626.00	625.47	626.00	625.29	625.80	625.15	625.50	625.05	625.40	624.99
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

**PROFILE SHEET**  
**KY 89 RELOCATION**  
**STA. 122+00 TO STA. 128+00**

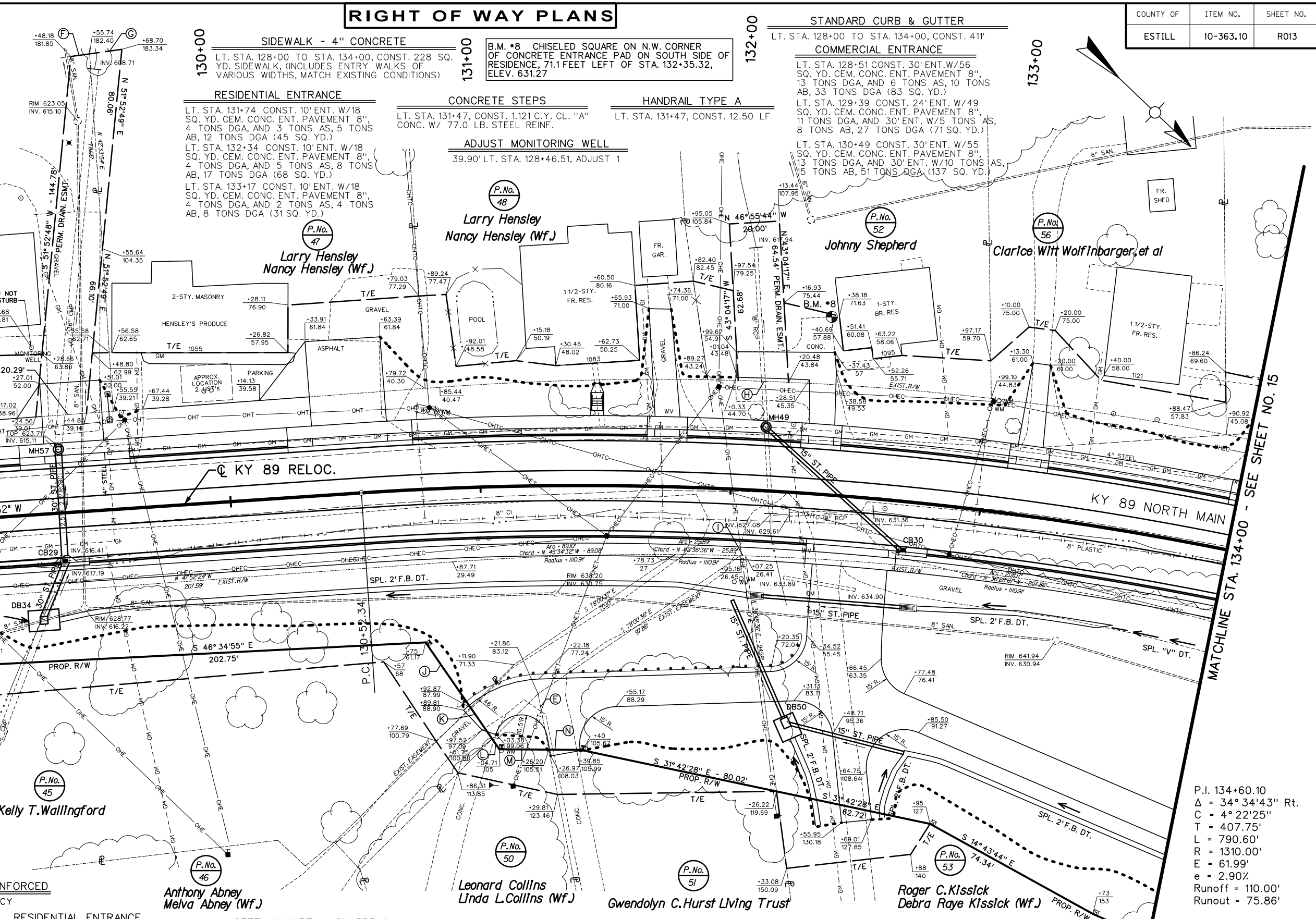
### RIGHT OF WAY PLANS

**SODDING**  
 STA. 128+00 TO STA. 134+00 SOD TO DISTURBED LIMITS,  
 891 SQ. YD.

**B.M. #7 CHISELED SQUARE ON N.W. CORNER OF CONCRETE PAD AT FRONT ENTRANCE TO ELSIE'S RESTAURANT, 72.4 FEET LEFT OF STA. 128+99.80, ELEV. 625.14**

**RIGHT-OF-WAY DATA**

(A) S 5° 32' 29" E - 23.43'	(M) S 43° 15' 36" E - 19.77'
(B) N 59° 18' 57" E - 19.00'	(N) S 43° 15' 36" E - 12.68'
(C) S 88° 19' 11" E - 24.43'	
(D) S 88° 19' 11" E - 25.73'	
(E) S 35° 25' 10" W - 22.76'	
(F) N 51° 38' 52" W - 7.58'	
(G) N 51° 38' 52" W - 12.99'	
(H) Chord - S 41° 35' 43" E - 20.09'	
Radius - 1180.91'	
(I) Arc = 20.09'	
Chord - N 41° 53' 22" W - 2.05'	MONITORING WELL
Radius - 110.91'	Arc = 2.05'
(J) S 11° 43' 07" W - 31.67'	
(K) S 11° 43' 07" W - 15.23'	
(L) S 11° 43' 07" W - 5.00'	



FILE NAME: T:\2498 PHASE 2 SOUTH END SHEETS\PLANS\ROI300P\_L.DGN  
 USER: jslugentz  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.171

**MAINLINE DITCH CONSTRUCTION - RIGHT**

STATION	SIZE-SHAPE	LINING	
		TYPE	QUANTITY
128+80 to 129+16.26	SPL. "V"	E.B.	26 S.Y.
129+28.59 to 132+08.50	SPL. 2' F.B.	CL. II	169 TONS
132+79 to 133+60	SPL. 2' F.B.	CL. II	53 TONS
133+60 to 134+00	SPL. "V"	E.B.	29 S.Y.

**RESIDENTIAL ENTRANCE**  
 RT. STA. 132+50 CONST. 30' ENT. W/40 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 9 TONS DGA, AND 68 TONS AS, 111 TONS AB, 242 TONS DGA (983 SQ. YD.)  
 RT. STA. 132+50 CONST. 56' - 15" ENT. PIPE W/2 - 15" SLOPED BOX OUTLET TYPE 1 HEADWALLS @ NO SKEW  
 RT. STA. 132+50 CONST. 46' - 15" ENT. PIPE W/NO INLET HEADWALL  
 RT. STA. 132+20 CONST. 51' - 15" ENT. PIPE W/NO OUTLET HEADWALL, 1 DBI TYPE 2

**STEEL "W" BEAM GUARDRAIL**  
 RT. STA. 130+88.41 TO STA. 132+20.16 CONST. 147 L.F. W/ 2- TERMINAL SECT. NO. 1

**SIDEWALK - 4" CONCRETE**  
 RT. STA. 128+00 TO STA. 134+00, CONST. 289 SQ. YD. SIDEWALK W/ 2 RAMPS TYPE 1

**SODDING**  
 STA. 128+00 TO STA. 128+46.29 SOD TO DISTURBED LIMITS, 108 SQ. YD. RT. STA. 128+42.29 TO STA. 134+00, SOD 233 SQ. YD.

**WITNESS POST**  
 RT. STA. 132+95 TO STA. 134+00, CONST. 2

**R/W MONUMENT TYPE 1**  
 RT. STA. 128+00 TO STA. 134+00 CONST. 8

**STANDARD CURB & GUTTER**  
 RT. STA. 128+00 TO STA. 134+00, CONST. 533'

**STANDARD HEADER CURB**  
 RT. STA. 128+11.21 TO STA. 128+46.75, CONST. 35.87'

**ENTRANCE DITCH CONSTRUCTION - RIGHT**

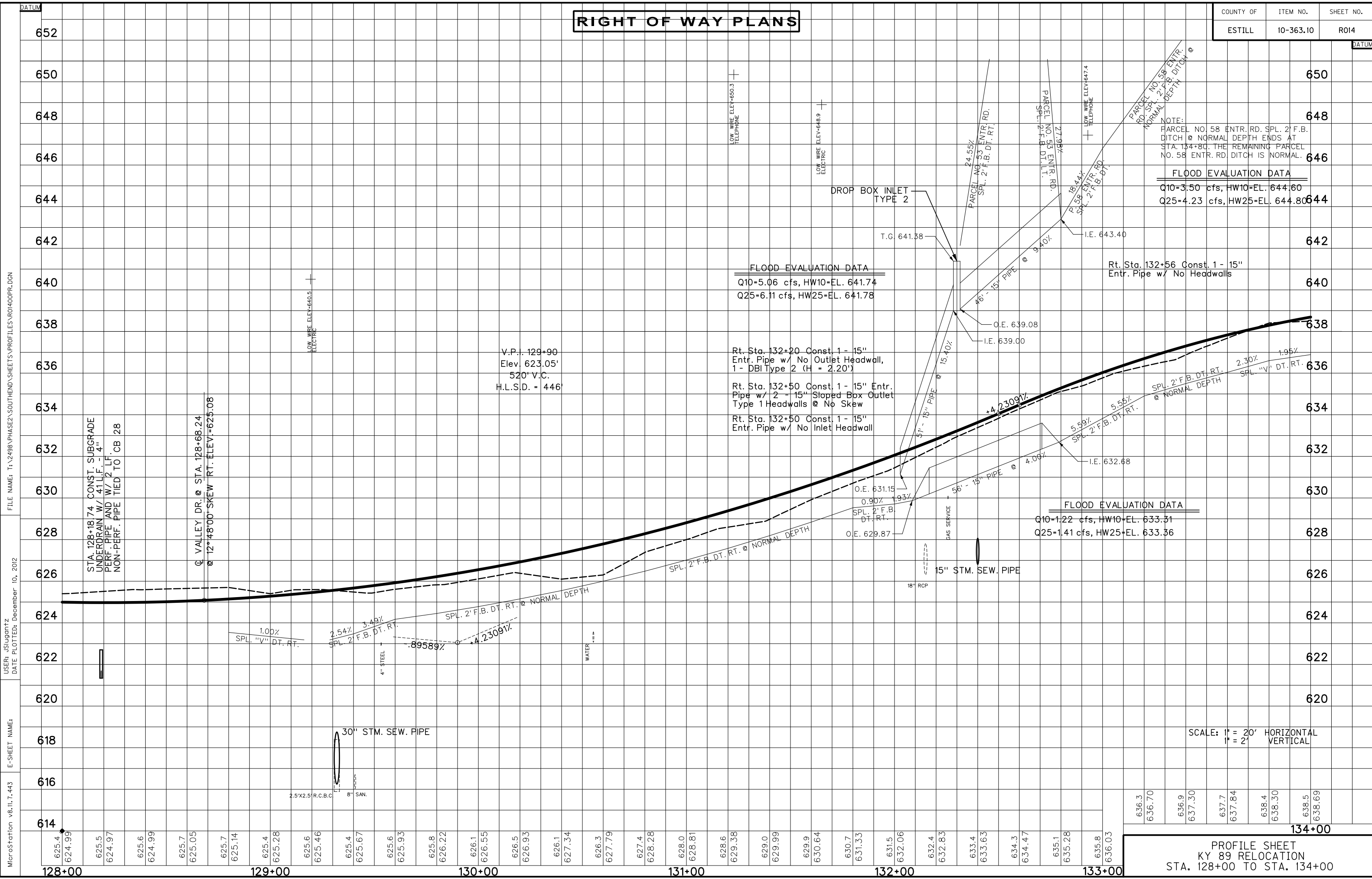
STATION	SIZE-SHAPE	LINING	
		TYPE	QUANTITY
131+50 to 132+22.92	NRML. DT.	E.B.	48 S.Y.
132+31.54 to 132+45.63	SPL. 2' F.B.	CL. II	23 TONS
132+73.51 to 132+80	SPL. 2' F.B.	CL. III	28 TONS
132+80 to 134+00	SPL. 2' F.B.	CL. II	69 TONS

PLAN SHEET  
 KY 89 RELOCATION  
 STA. 128+00 TO STA. 134+00  
 SCALE: 1" = 20'

P.I. 134+60.10  
 $\Delta = 34^\circ 34' 43''$  Rt.  
 $C = 4^\circ 22' 25''$   
 $T = 407.75'$   
 $L = 790.60'$   
 $R = 1310.00'$   
 $E = 61.99'$   
 $e = 2.90'$   
 Runoff = 110.00'  
 Runout = 75.86'

# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R014



NOTE:  
PARCEL NO. 58 ENTR. RD. SPL. 2' F.B. DITCH @ NORMAL DEPTH ENDS AT STA. 134+80. THE REMAINING PARCEL NO. 58 ENTR. RD. DITCH IS NORMAL.

**FLOOD EVALUATION DATA**

Q10=3.50 cfs, HW10=EL. 644.60
Q25=4.23 cfs, HW25=EL. 644.80

**FLOOD EVALUATION DATA**

Q10=5.06 cfs, HW10=EL. 641.74
Q25=6.11 cfs, HW25=EL. 641.78

Rt. Sta. 132+20 Const. 1 - 15" Entr. Pipe w/ No Outlet Headwall, 1 - DBI Type 2 (H = 2.20')

Rt. Sta. 132+50 Const. 1 - 15" Entr. Pipe w/ 2 - 15" Sloped Box Outlet Type 1 Headwalls @ No Skew

Rt. Sta. 132+50 Const. 1 - 15" Entr. Pipe w/ No Inlet Headwall

**FLOOD EVALUATION DATA**

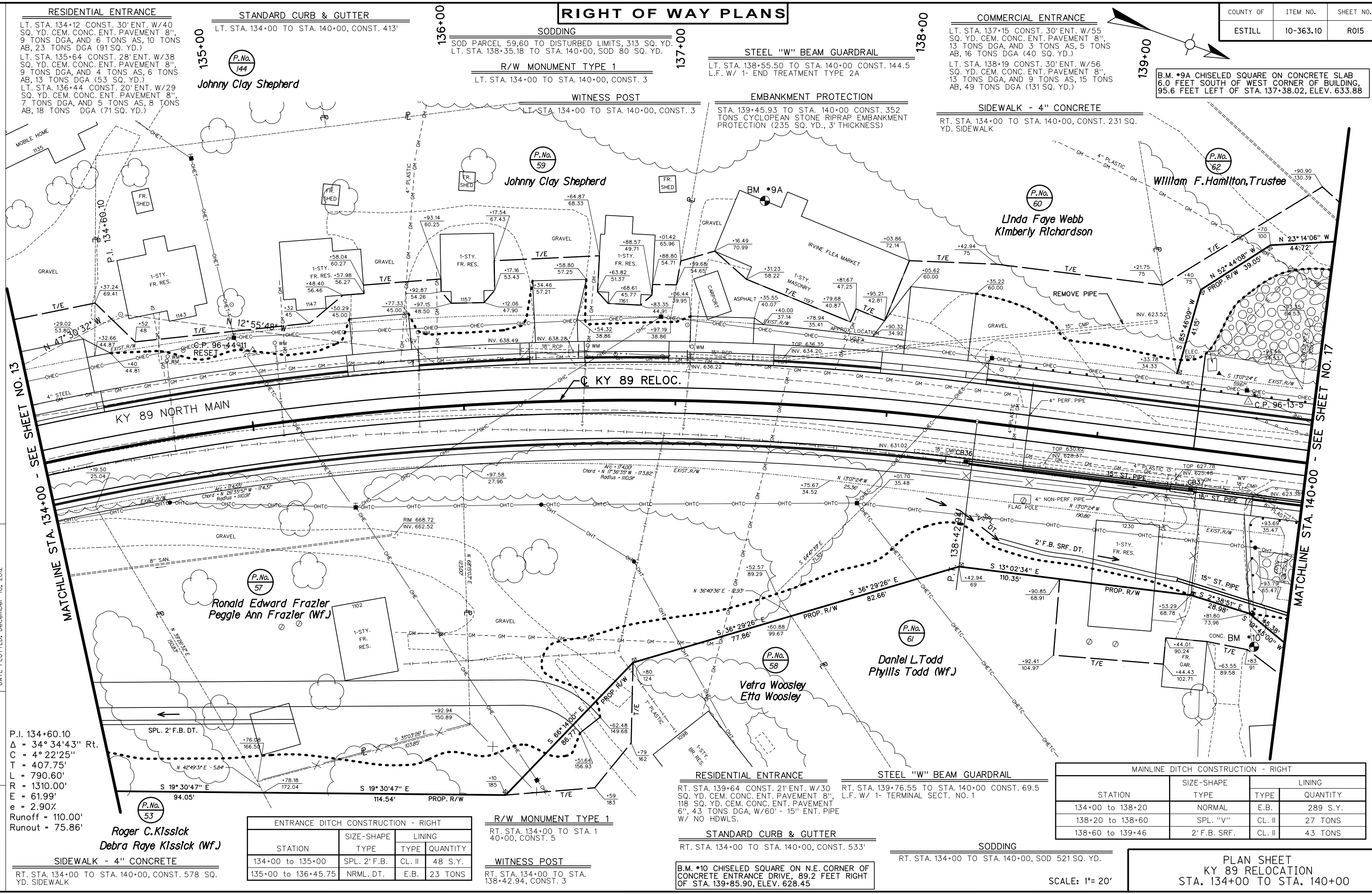
Q10=1.22 cfs, HW10=EL. 633.31
Q25=1.41 cfs, HW25=EL. 633.36

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

PROFILE SHEET  
KY 89 RELOCATION  
STA. 128+00 TO STA. 134+00

MicroStation v8.11.7.443  
 E-SHEET NAME:  
 USER: jsuqantz  
 DATE PLOTTED: December 10, 2012  
 FILE NAME: T:\2498 PHASE2\SOUTHEND\SHEETS\PROFILES\ROI400PR.DGN

# RIGHT OF WAY PLANS



B.M. #9A CHISELED SQUARE ON CONCRETE SLAB  
6.0 FEET SOUTH OF WEST CORNER OF BUILDING,  
95.6 FEET LEFT OF STA. 137+38.02, ELEV. 633.88

**RESIDENTIAL ENTRANCE**  
LT. STA. 134+12 CONST. 30' ENT. W/40 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 9 TONS DGA, AND 6 TONS AS, 10 TONS AB, 23 TONS DGA (91 SQ. YD.)  
LT. STA. 135+64 CONST. 28' ENT. W/38 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 9 TONS DGA, AND 4 TONS AS, 6 TONS AB, 13 TONS DGA (53 SQ. YD.)  
LT. STA. 136+44 CONST. 20' ENT. W/29 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 7 TONS DGA, AND 5 TONS AS, 8 TONS AB, 18 TONS DGA (71 SQ. YD.)

**STANDARD CURB & GUTTER**  
LT. STA. 134+00 TO STA. 140+00, CONST. 413'

**SODDING**  
SOD PARCEL 59.60 TO DISTURBED LIMITS, 313 SQ. YD.  
LT. STA. 138+35.18 TO STA. 140+00, SOD 80 SQ. YD.

**R/W MONUMENT TYPE 1**  
LT. STA. 134+00 TO STA. 140+00, CONST. 3

**STEEL "W" BEAM GUARDRAIL**  
LT. STA. 138+55.50 TO STA. 140+00 CONST. 144.5  
L.F. W/ 1- END TREATMENT TYPE 2A

**COMMERCIAL ENTRANCE**  
LT. STA. 137+15 CONST. 30' ENT. W/55 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 3 TONS AS, 5 TONS AB, 16 TONS DGA (40 SQ. YD.)  
LT. STA. 138+19 CONST. 30' ENT. W/56 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 13 TONS DGA, AND 9 TONS AS, 15 TONS AB, 49 TONS DGA (131 SQ. YD.)

**SIDEWALK - 4" CONCRETE**  
RT. STA. 134+00 TO STA. 140+00, CONST. 231 SQ. YD. SIDEWALK

FILE NAME: T:\2498 PHASE2 SOUTHEND SHEETS\PLANS\ROIS00PL\_L.DGN

USER: jsluggantz  
DATE PLOTTED: December 10, 2012

E-SHEET NAME:  
P.I. 134+60.10  
Δ = 34° 34'43" Rt.  
C = 4° 22'25"  
L = 407.75'  
T = 790.60'  
R = 1310.00'  
E = 61.99'  
e = 2.90%  
Runoff = 110.00'  
Runout = 75.86'

**Roger C. Klissick**  
**Debra Raye Klissick (Wf.)**

ENTRANCE DITCH CONSTRUCTION - RIGHT				
STATION	SIZE-SHAPE TYPE	LINING		
		TYPE	QUANTITY	
134+00 to 135+00	SPL. 2' F.B.	CL. II	48 S.Y.	
135+00 to 136+45.75	NRML. DT.	E.B.	23 TONS	

**R/W MONUMENT TYPE 1**  
RT. STA. 134+00 TO STA. 140+00, CONST. 5

**WITNESS POST**  
RT. STA. 134+00 TO STA. 138+42.94, CONST. 3

**RESIDENTIAL ENTRANCE**  
RT. STA. 139+64 CONST. 21' ENT. W/30 SQ. YD. CEM. CONC. ENT. PAVEMENT 8", 118 SQ. YD. CEM. CONC. ENT. PAVEMENT 6", 43 TONS DGA, W/60' - 15" ENT. PIPE W/ NO HDWLS.

**STEEL "W" BEAM GUARDRAIL**  
RT. STA. 139+76.55 TO STA. 140+00 CONST. 69.5  
L.F. W/ 1- TERMINAL SECT. NO. 1

**STANDARD CURB & GUTTER**  
RT. STA. 134+00 TO STA. 140+00, CONST. 533'

**SODDING**  
RT. STA. 134+00 TO STA. 140+00, SOD 521 SQ. YD.

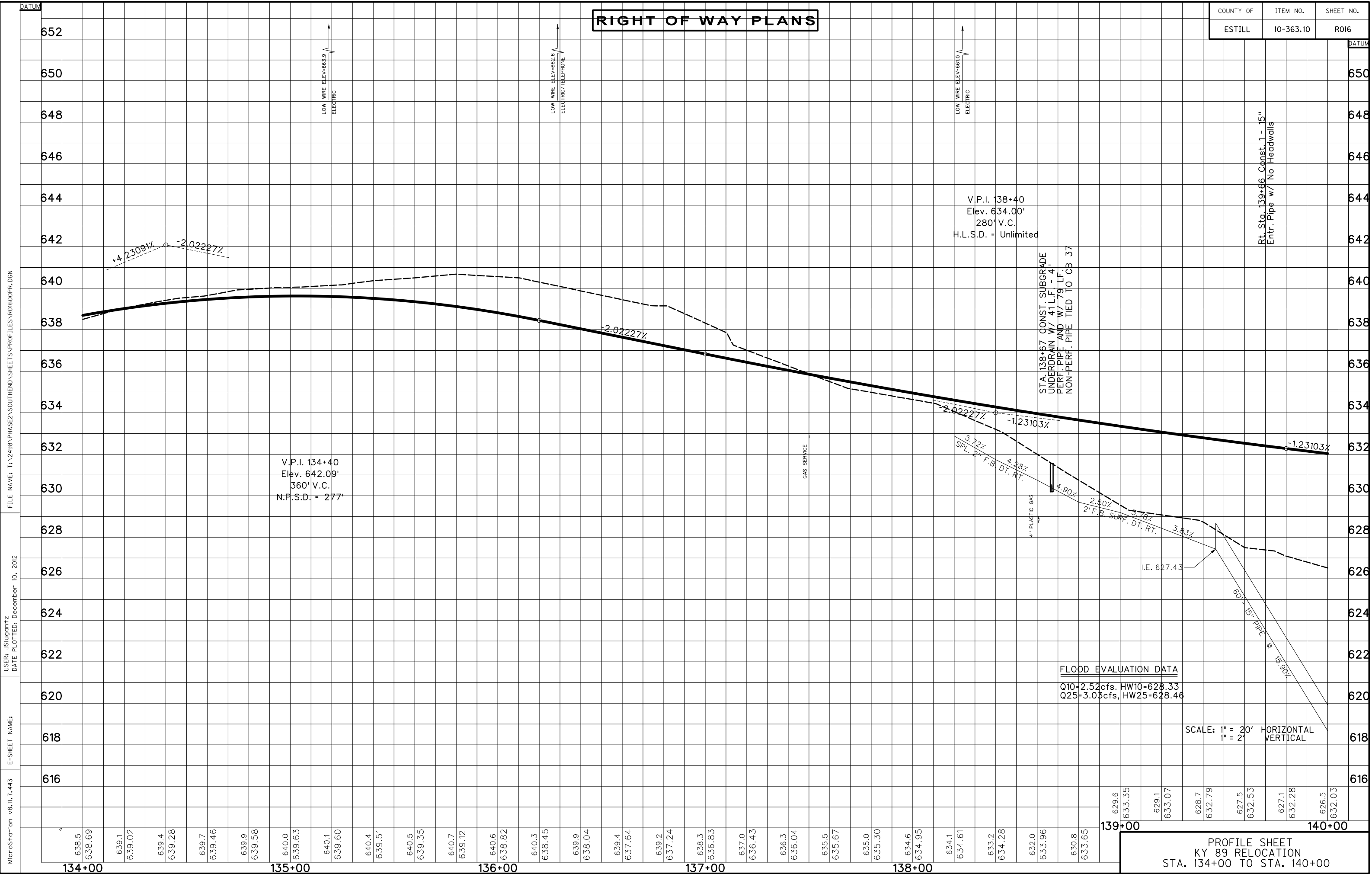
MAINLINE DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
134+00 to 138+20	NORMAL	E.B.	289 S.Y.
138+20 to 138+60	SPL. "V"	CL. II	27 TONS
138+60 to 139+46	2' F.B. SRF.	CL. II	43 TONS

SCALE: 1" = 20'

PLAN SHEET  
KY 89 RELOCATION  
STA. 134+00 TO STA. 140+00

# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R016



MicroStation v8.11.7.443 E-SHEET NAME: USER: jsilqantz DATE PLOTTED: December 10, 2012 FILE NAME: T:\2498 PHASE2\SOUTHEND\SHEETS\PROFILES\RO1600PR.DGN

**PROFILE SHEET**  
**KY 89 RELOCATION**  
**STA. 134+00 TO STA. 140+00**

# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	RO17

**SIDEWALK - 4" CONCRETE**  
 LT. STA. 140+00 TO STA. 144+89.69, CONST. 180 SQ. YD. SIDEWALK W/1 RAMP TYPE 1

**SODDING**  
 LT. STA. 140+00 TO STA. 144+98, SOD 150 SQ. YD.

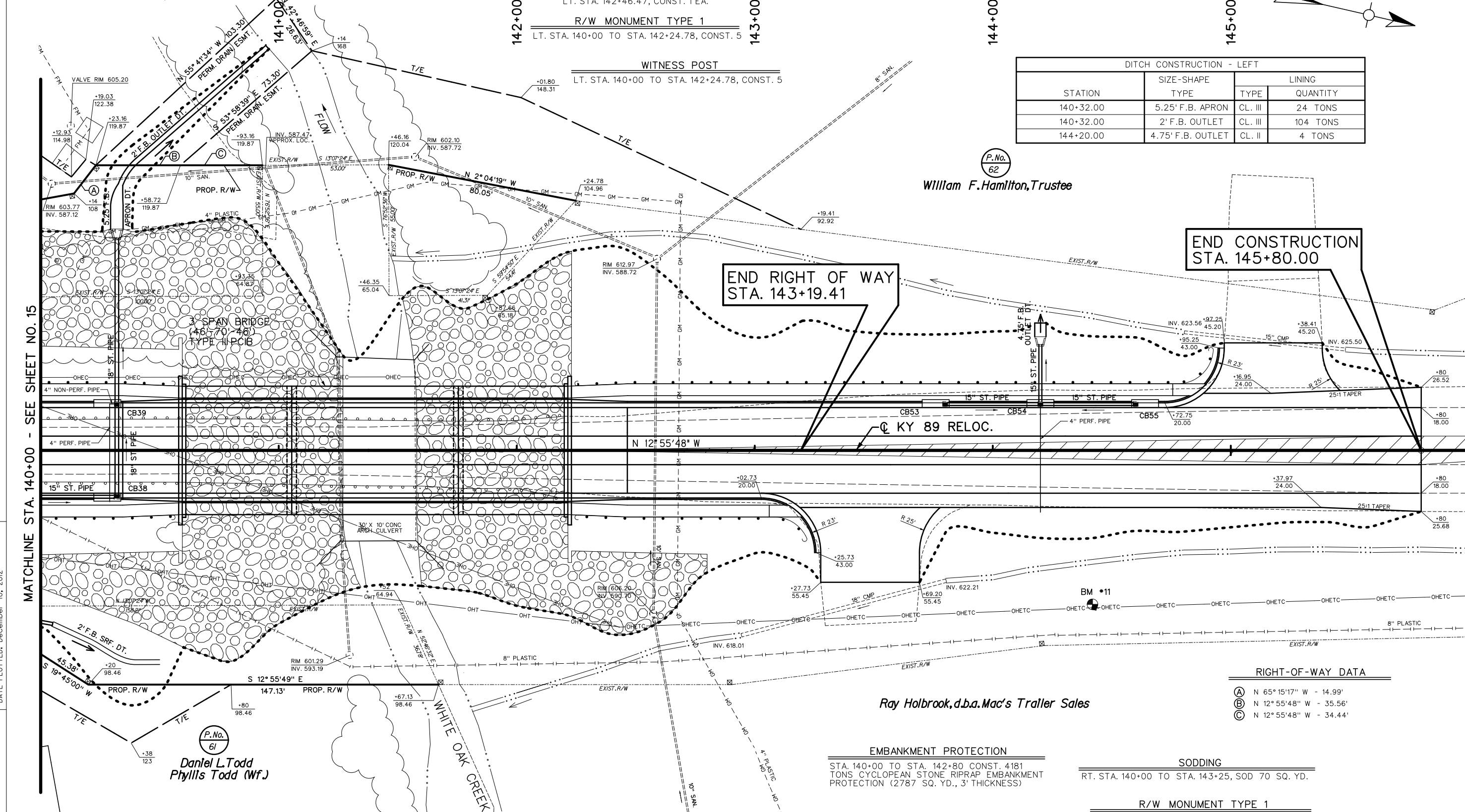
**STEEL "W" BEAM GUARDRAIL**  
 LT. STA. 140+00 TO STA. 140+55.50 CONST. 55.5 L.F. W/ 1- TERMINAL SECT. NO. 1  
 LT. STA. 142+25.47 TO STA. 144+92.66 CONST. 275 L.F. W/ 2- TERMINAL SECT. NO. 1

**CURB TO BARRIER WALL TRANS**  
 LT. STA. 140+34.47, CONST. 1EA.  
 LT. STA. 142+46.47, CONST. 1EA.

**R/W MONUMENT TYPE 1**  
 LT. STA. 140+00 TO STA. 142+24.78, CONST. 5

**STANDARD CURB & GUTTER**  
 LT. STA. 140+00 TO STA. 144+97.25, CONST. 227'

**FARM FIELD ENTRANCE**  
 LT. STA. 145+17 CONST. 41' ENT. W/7 TONS AS, 12 TONS AB, 26 TONS DGA (103 SQ. YD.)



**DITCH CONSTRUCTION - LEFT**

STATION	SIZE-SHAPE	LINING	
		TYPE	QUANTITY
140+32.00	5.25' F.B. APRON	CL. III	24 TONS
140+32.00	2' F.B. OUTLET	CL. III	104 TONS
144+20.00	4.75' F.B. OUTLET	CL. II	4 TONS

**END RIGHT OF WAY STA. 143+19.41**

**END CONSTRUCTION STA. 145+80.00**

P.No. 62  
 William F. Hamilton, Trustee

Ray Holbrook, d.b.a. Mac's Traller Sales

P.No. 61  
 Daniel L. Todd  
 Phyllis Todd (Wf.)

**MAINLINE DITCH CONSTRUCTION - RIGHT**

STATION	SIZE-SHAPE	LINING	
		TYPE	QUANTITY
140+05 to 140+50	2' F.B. SRF.	CL. III	41 TONS

**REMOVE EXISTING STRUCTURE**  
 STA. 141+40, REMOVE 30'X10' CONC. ARCH CULVERT

**CURB TO BARRIER WALL TRANS**  
 RT. STA. 140+34.47, CONST. 1EA.  
 RT. STA. 142+46.47, CONST. 1EA.

**SIDEWALK - 4" CONCRETE**  
 RT. STA. 140+00 TO STA. 143+27.74, CONST. 137' YD. SIDEWALK W/ 1 RAMP TYPE 1

**EMBANKMENT PROTECTION**  
 STA. 140+00 TO STA. 142+80 CONST. 4181 TONS CYCLOPEAN STONE RIPRAP EMBANKMENT PROTECTION (2787 SQ. YD., 3' THICKNESS)

**SODDING**  
 RT. STA. 140+00 TO STA. 143+25, SOD 70 SQ. YD.

**R/W MONUMENT TYPE 1**  
 RT. STA. 140+00 TO STA. 141+67.13, CONST. 2

**WITNESS POST**  
 RT. STA. 140+00 TO STA. 141+67.13, CONST. 2

**STEEL "W" BEAM GUARDRAIL**  
 RT. STA. 140+00 TO STA. 140+55.50 CONST. 55.5 L.F. W/ 1- TERMINAL SECT. NO. 1  
 RT. STA. 142+25.47 TO STA. 143+21.87 CONST. 100 L.F. W/ 2- TERMINAL SECT. NO. 1

**FARM FIELD ENTRANCE**  
 RT. STA. 143+47 CONST. 42' ENT. W/11 TONS AS, 18 TONS AB, 38 TONS DGA (156 SQ. YD.)

B.M. #11 1/2" DIA. STEEL ROD SET IN POWER POLE ON EAST SIDE OF KY 89, 64.7 FEET RIGHT OF STA. 144+41.90, ELEV. 627.10

**PLAN SHEET**  
 KY 89 RELOCATION  
 STA. 140+00 TO STA. 146+00

SCALE: 1" = 20'

FILE NAME: T:\2498 PHASE2 SOUTHEND SHEETS\PLANS\RO17OOP.LDDN  
 USER: JSUGANTZ  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.443

MATCHLINE STA. 140+00 - SEE SHEET NO. 15

MATCHLINE STA. 146+00 - SEE SHEET 19

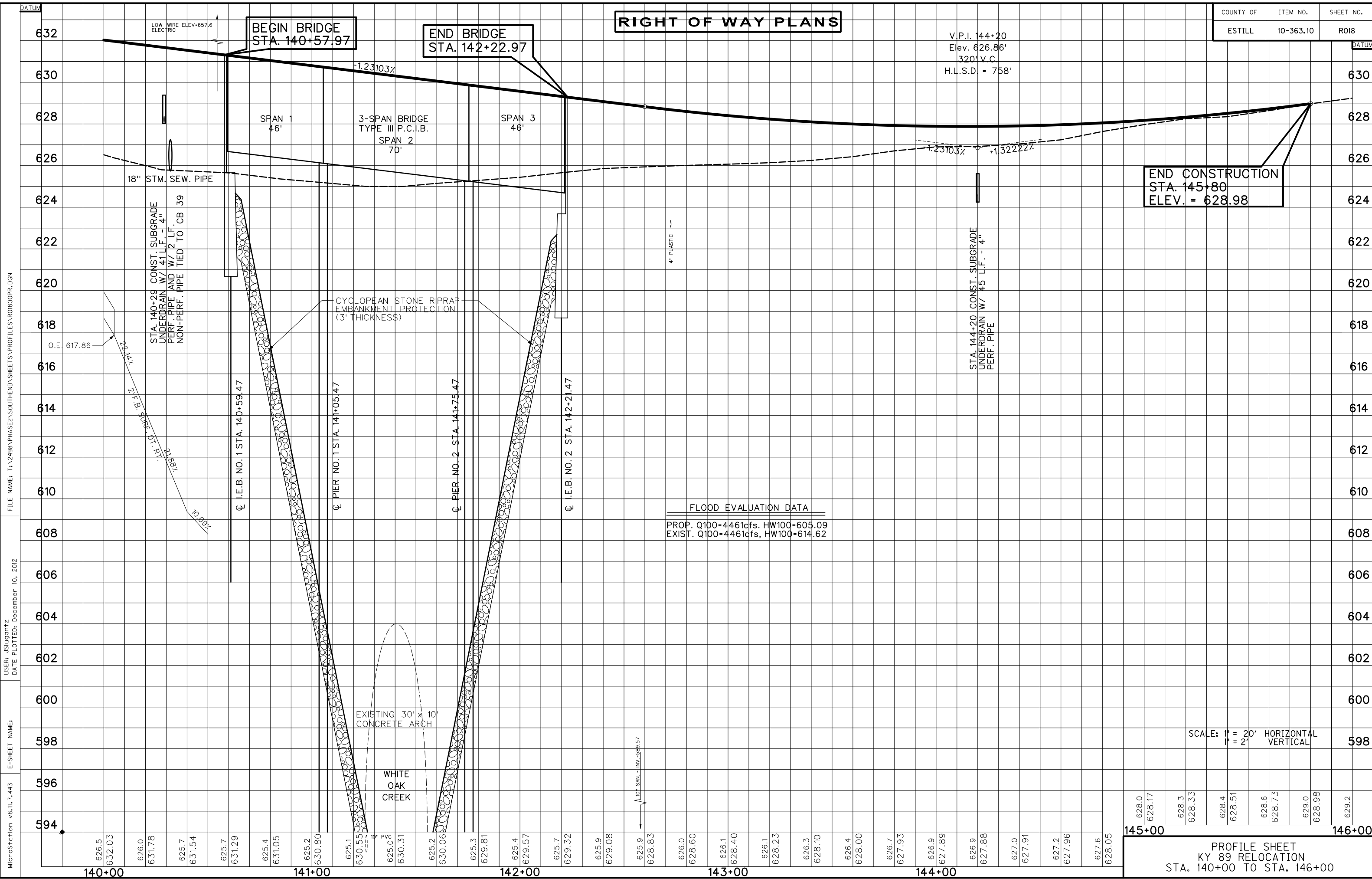
# RIGHT OF WAY PLANS

V.P.I. 144+20  
 Elev. 626.86'  
 320' V.C.  
 H.L.S.D. = 758'

**BEGIN BRIDGE**  
 STA. 140+57.97

**END BRIDGE**  
 STA. 142+22.97

**END CONSTRUCTION**  
 STA. 145+80  
 ELEV. = 628.98



FLOOD EVALUATION DATA	
PROP. Q100=4461cfs, HW100=605.09	
EXIST. Q100=4461cfs, HW100=614.62	

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

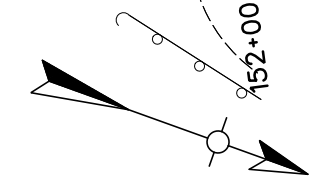
628.0	628.17	628.3	628.33	628.4	628.51	628.6	628.73	629.0	628.98	629.2
145+00										146+00

PROFILE SHEET  
 KY 89 RELOCATION  
 STA. 140+00 TO STA. 146+00

MicroStation v8.11.7.443 E-SHEET NAME: USER: JSJugentz DATE PLOTTED: December 10, 2012 FILE NAME: T:\2498\PHASE2\SOUTHEND\SHEETS\PROFILES\RO1800PR.DGN

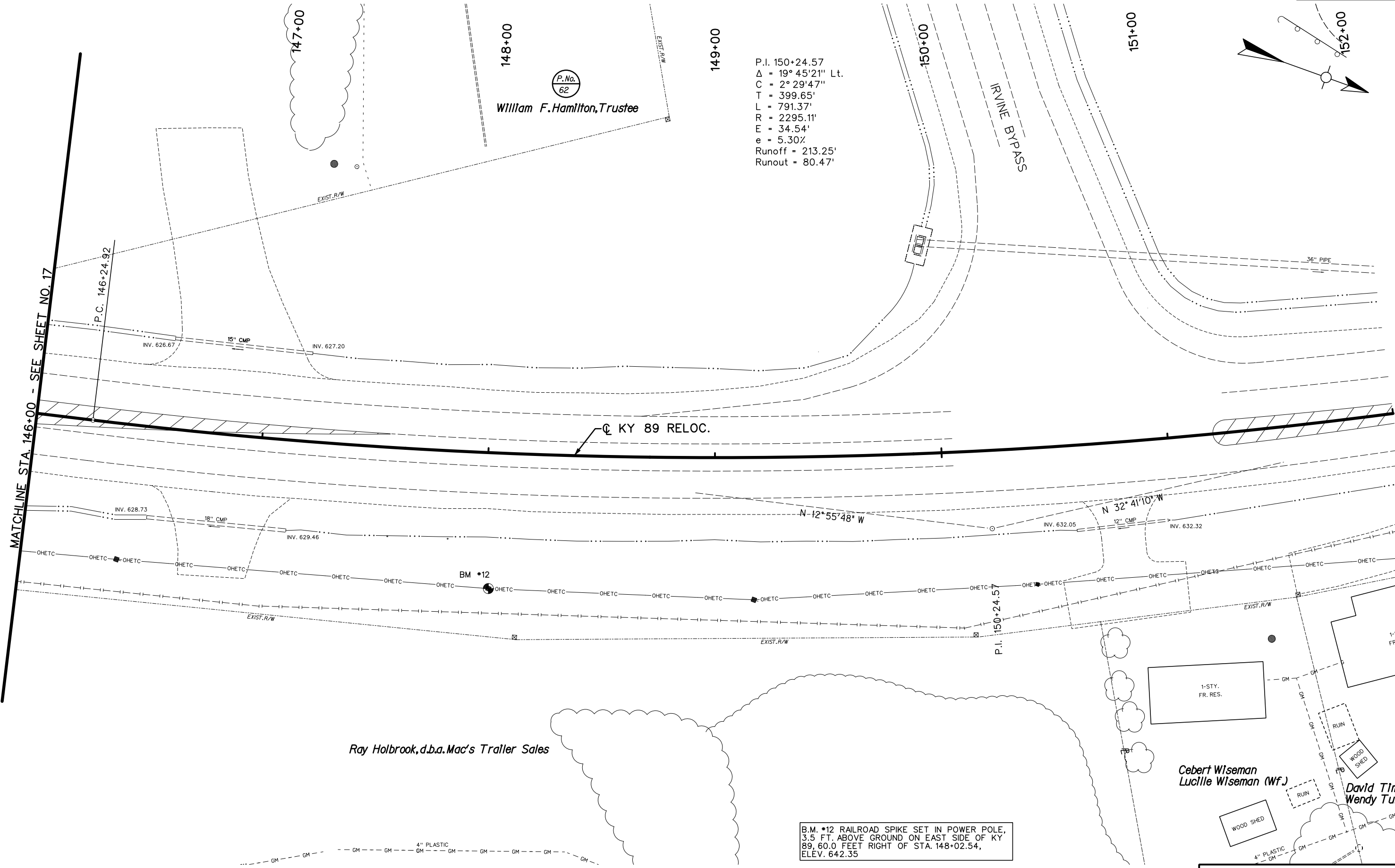
# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R019



P.I. 150+24.57  
 $\Delta = 19^\circ 45' 21''$  Lt.  
 $C = 2^\circ 29' 47''$   
 $T = 399.65'$   
 $L = 791.37'$   
 $R = 2295.11'$   
 $E = 34.54'$   
 $e = 5.30\%$   
 Runoff = 213.25'  
 Runout = 80.47'

P.No.  
62  
 William F. Hamilton, Trustee



MATCHLINE STA. 146+00 - SEE SHEET NO. 17

FILE NAME: T:\2498 PHASE2\ SOUTHEAST\ SHEETS\ PLANS\ R01900PL.DGN  
 USER: JSJugantz  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.443

B.M. \*12 RAILROAD SPIKE SET IN POWER POLE,  
 3.5 FT. ABOVE GROUND ON EAST SIDE OF KY  
 89, 60.0 FEET RIGHT OF STA. 148+02.54,  
 ELEV. 642.35

PLAN SHEET  
 KY 89 RELOCATION  
 STA. 146+00 TO STA. 152+00

SCALE: 1" = 20'



# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R020



# RIGHT OF WAY PLANS

B.M./C.P. 96-44-12 CONCRETE MONUMENT WITH ALUMINUM DISK STAMPED KDOH 96 44 12, LOCATED 36.23 FEET LEFT OF STA. 125+52.61, ELEV. 626.606

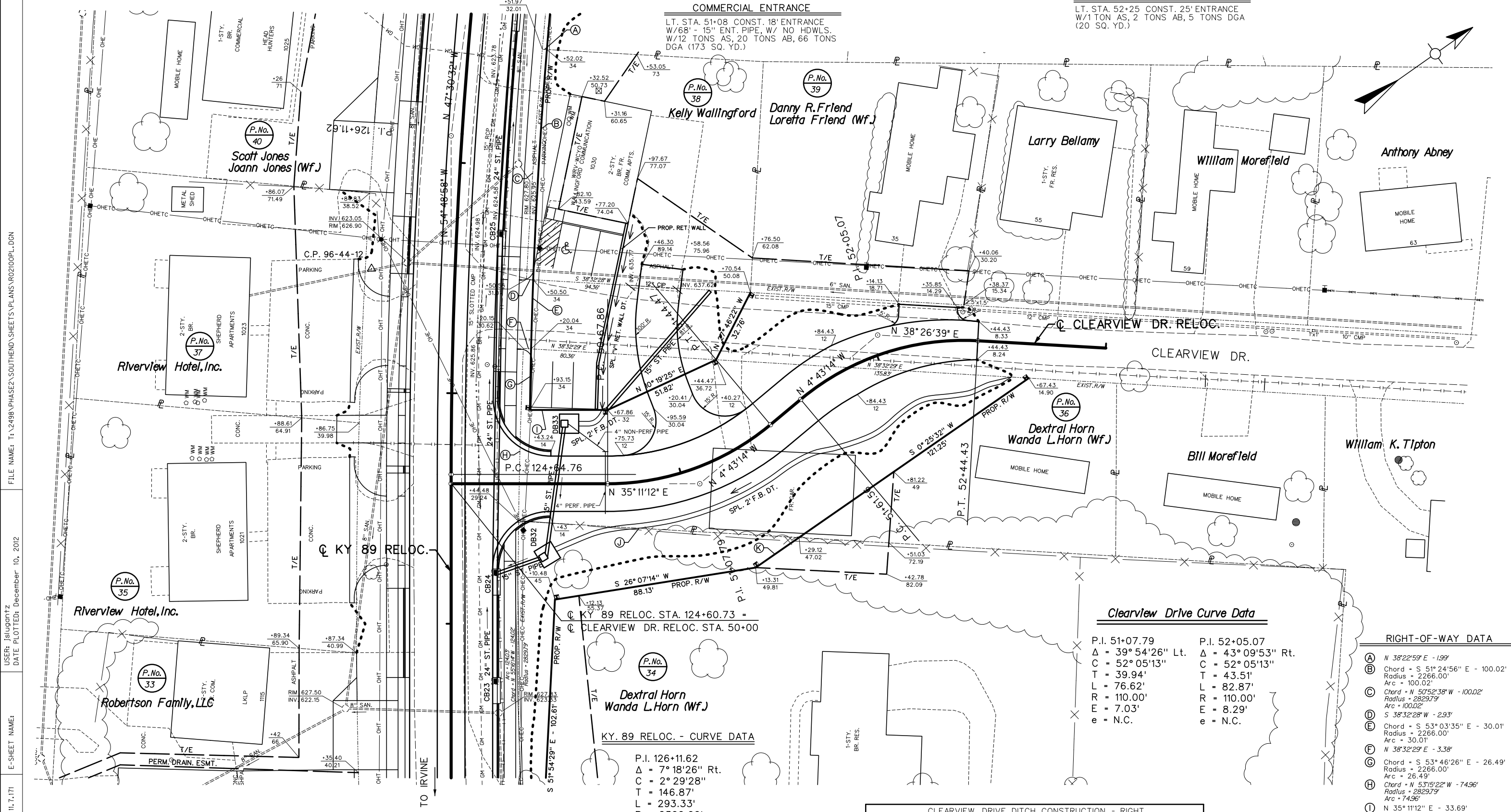
COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R021

CLEARVIEW DRIVE DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
50+55.30 to 50+67.78	SPL. 2' F.B.	CL. II	12 TONS

R/W MONUMENT TYPE 1  
LT. STA. 50+67.86 TO STA. 51+70.54, CONST. 3

RESIDENTIAL ENTRANCE  
LT. STA. 52+25 CONST. 25' ENTRANCE  
W/1 TON AS, 2 TONS AB, 5 TONS DGA  
(20 SQ. YD.)

COMMERCIAL ENTRANCE  
LT. STA. 51+08 CONST. 18' ENTRANCE  
W/68' - 15" ENT. PIPE, W/ NO HDWLS.  
W/12 TONS AS, 20 TONS AB, 66 TONS DGA  
(173 SQ. YD.)



FILE NAME: T:\2498 PHASE2 SOUTHEND\ SHEETS\ PLANS\ R02100PL.DGN  
 USER: ISJGANTZ  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.171

**KY. 89 RELOC. - CURVE DATA**

P.I. 126+11.62  
 $\Delta = 7^\circ 18' 26''$  Rt.  
 C = 2' 29' 28"  
 T = 146.87'  
 L = 293.33'  
 R = 2300.00'  
 E = 4.68'  
 e = 2.30%  
 Runoff = 110.00'  
 Runout = 95.65'

**Clearview Drive Curve Data**

P.I. 51+07.79 $\Delta = 39^\circ 54' 26''$ Lt. C = 52' 05' 13" T = 39.94' L = 76.62' R = 110.00' E = 7.03' e = N.C.	P.I. 52+05.07 $\Delta = 43^\circ 09' 53''$ Rt. C = 52' 05' 13" T = 43.51' L = 82.87' R = 110.00' E = 8.29' e = N.C.
--	--

**RIGHT-OF-WAY DATA**

- (A) N 38°22'59" E - 199'
- (B) Chord - S 51°24'56" E - 100.02'  
Radius - 2266.00'  
Arc = 100.02'
- (C) Chord - N 50°52'38" W - 100.02'  
Radius - 2829.79'  
Arc = 100.02'
- (D) S 38°32'28" W - 2.93'
- (E) Chord - S 53°03'35" E - 30.01'  
Radius - 2266.00'  
Arc = 30.01'
- (F) N 38°32'29" E - 3.38'
- (G) Chord - S 53°46'26" E - 26.49'  
Radius - 2266.00'  
Arc = 26.49'
- (H) Chord - N 53°15'22" W - 74.96'  
Radius - 2829.79'  
Arc = 74.96'
- (I) N 35°11'12" E - 33.69'
- (J) N 38°30'07" E - 121.82'
- (K) S 0°25'32" W - 22.92'

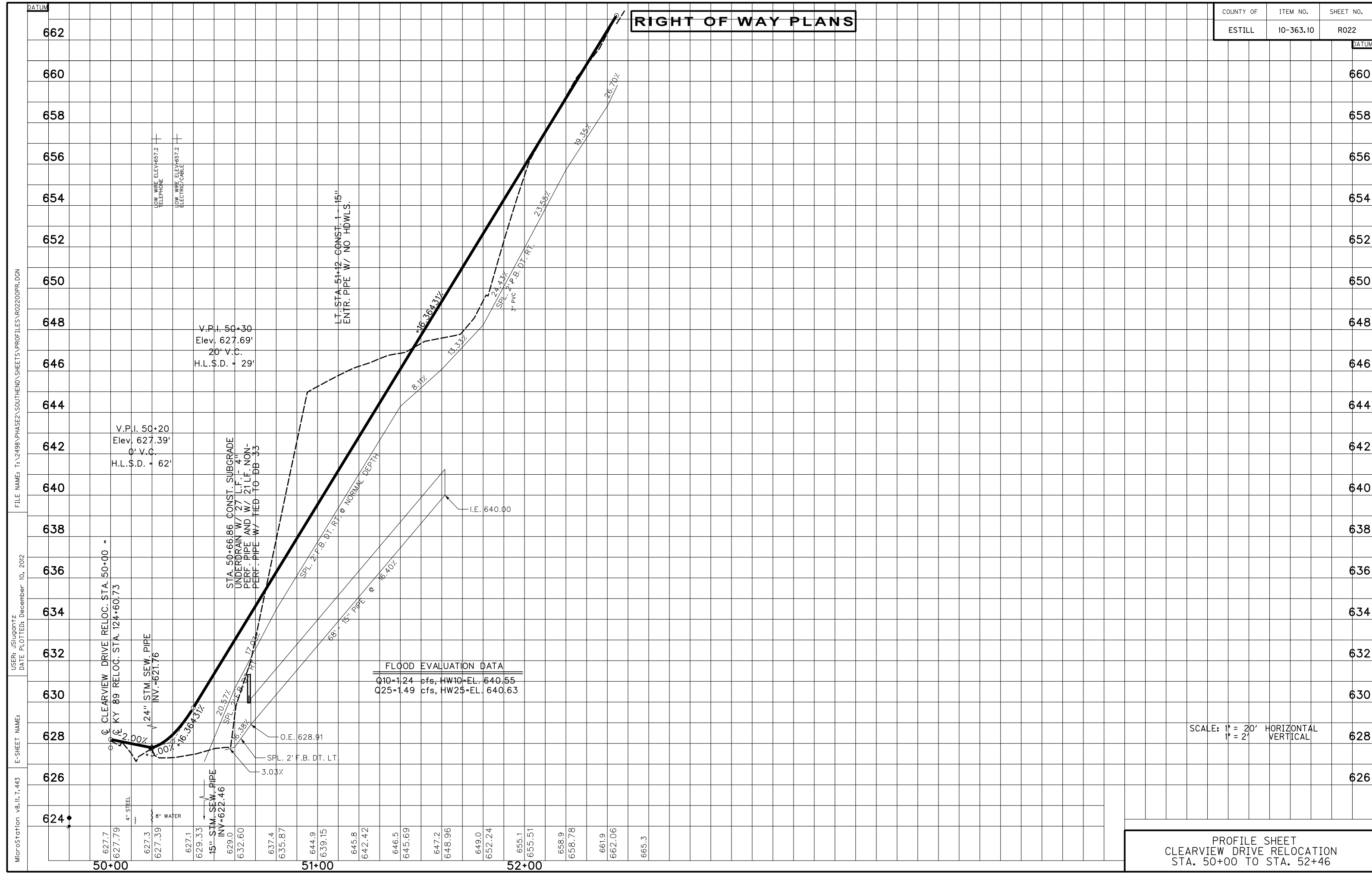
CLEARVIEW DRIVE DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
50+45.27 to 52+60	SPL. 2' F.B.	CL. II	158 TONS

R/W MONUMENT TYPE 1  
RT. STA. 51+13.31 TO STA. 52+67.43, CONST. 2

PLAN SHEET  
CLEARVIEW DRIVE RELOCATION  
STA. 50+00 TO STA. 52+46

SCALE: 1" = 20'

# RIGHT OF WAY PLANS



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

PROFILE SHEET  
CLEARVIEW DRIVE RELOCATION  
STA. 50+00 TO STA. 52+46

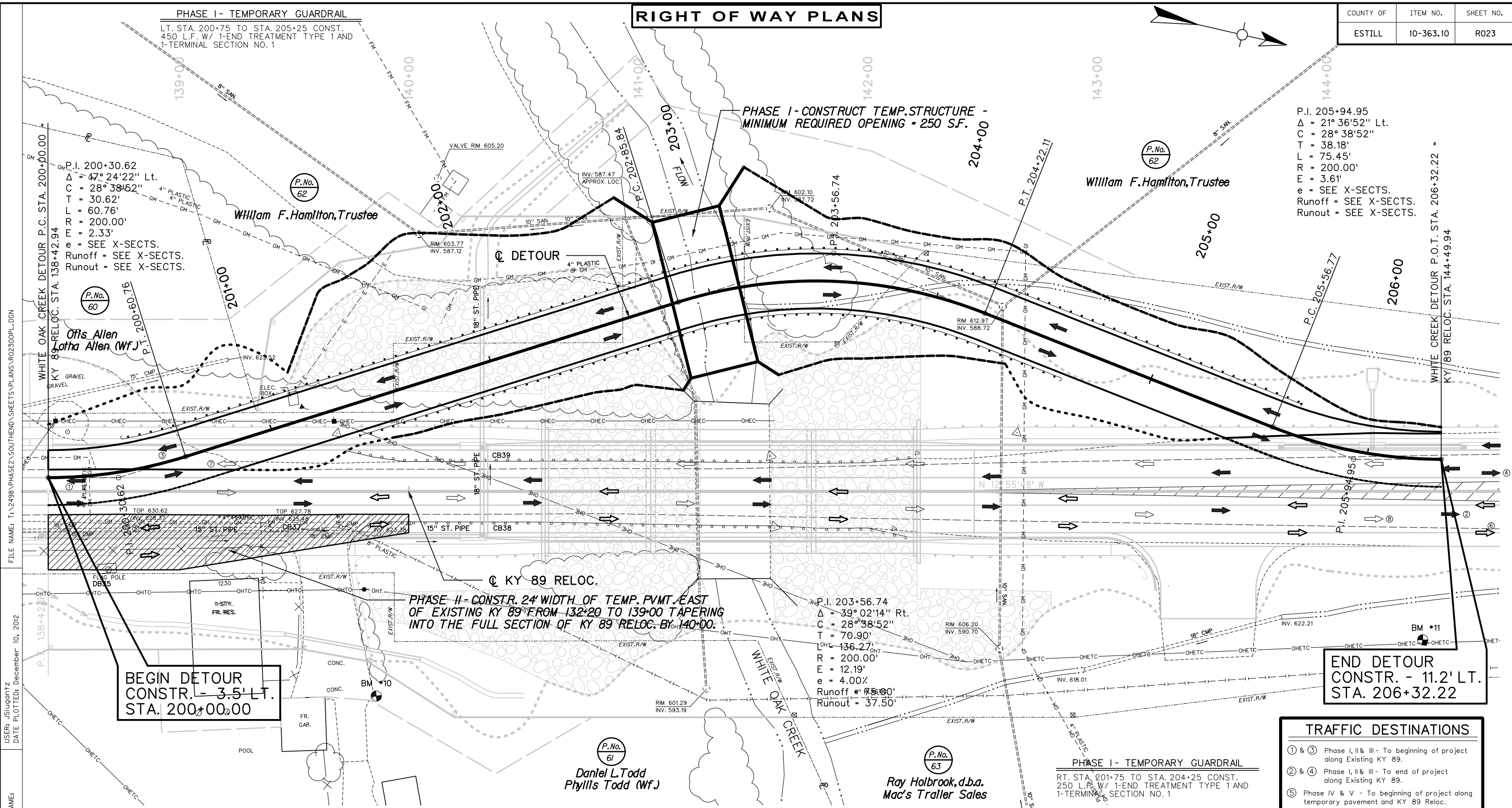
MicroStation v8.11.7.443 E-SHEET NAME: USER: jsuqantz DATE PLOTTED: December 10, 2012 FILE NAME: T:\2498 PHASE2 SOUTHEND SHEETS\PROFILES\R02200PR.DGN

DATUM

DATUM

# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R023



**PHASE I - TEMPORARY GUARDRAIL**  
 LT. STA. 200+75 TO STA. 205+25 CONST.  
 450 L.F. W/ 1-END TREATMENT TYPE 1 AND  
 1-TERMINAL SECTION NO. 1

**PHASE I - CONSTRUCT TEMP. STRUCTURE -**  
 MINIMUM REQUIRED OPENING = 250 SF.

**PHASE II - CONSTR. 24' WIDTH OF TEMP. PVMT. EAST**  
 OF EXISTING KY 89 FROM 132+20 TO 139+00 TAPERING  
 INTO THE FULL SECTION OF KY 89 RELOC. BY 140+00.

**BEGIN DETOUR**  
 CONSTR. - 3.5' LT.  
 STA. 200+00.00

**END DETOUR**  
 CONSTR. - 11.2' LT.  
 STA. 206+32.22

TRAFFIC DESTINATIONS	
① & ③	Phase I, II & III - To beginning of project along Existing KY 89.
② & ④	Phase I, II & III - To end of project along Existing KY 89.
⑤	Phase IV & V - To beginning of project along temporary pavement and KY 89 Reloc.
⑥	Phase IV & V - To end of project along KY 89 Reloc.
⑦	Phase VI - To beginning of project along KY 89 Reloc.
⑧	Phase VI - To end of project along KY 89 Reloc.

PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 4 & 5	PHASE 6
- PHASE I TRAFFIC ALONG EXISTING KY 89. - CONSTR. TEMP. WIDENING ON WEST SIDE OF EXIST. KY 89 FROM 135+80 TO 138+42.94. - CONSTR. WHITE OAK CREEK DETOUR AND ASSOCIATED TEMP. DRAINAGE STRUCTURE.	- SHIFT KY 89 TRAFFIC TO WEST SIDE TEMP. WIDENING, DETOUR AND TRANSITION BACK TO EXIST. KY 89 BEFORE BY-PASS INTERSECTION. - CONSTR. THE PROPOSED BRIDGE OVER WHITE OAK CREEK, EAST SIDE TEMP. WIDENING SOUTH OF THE BRIDGE & THE EASTERN 24' WIDTH OF KY 89 RELOC. NORTH OF THE BRIDGE.	- NO ACTION REQUIRED.	- SHIFT KY 89 TRAFFIC TO THE EAST SIDE TEMP. WIDENING SOUTH OF THE BRIDGE & TRANSITION TO USE THE EASTERN 24' WIDTH OF KY 89 RELOC. FROM 140+00 TO 145+80, THEN TRANSITION BACK TO EXIST. KY 89 BEFORE THE BY-PASS INTERSECTION. - REMOVE THE DETOUR AND TEMP. DRAINAGE STRUCTURE AND RESTORE AREA TO ORIGINAL CONTOUR OUTSIDE THE FINAL LIMITS OF CONSTR.	- REMOVE THE WEST SIDE TEMP. WIDENING AND CONSTR. THE WESTERN 2 LANES OF KY 89 RELOC. SOUTH OF THE BRIDGE AND THE REMAINING WESTERN PORTION OF KY 89 RELOC. NORTH OF THE BRIDGE. - NO ACTION REQUIRED DURING PHASE V.	- SHIFT KY 89 TRAFFIC TO THE WESTERN 2 LNS. OF KY 89 RELOC. FROM 120+55 TO 140+00 & TRANSITION TO THE FULL SECTION BY 144+00. - REMOVE THE EAST SIDE TEMP. WIDENING AND CONSTR. THE EASTERN LANE OF KY 89 RELOC. SOUTH OF THE WHITE OAK CREEK BRIDGE. - OPEN COMPLETED KY 89 RELOC. TO TRAFFIC.
① ← ② PHASE I TRAFFIC	③ ← ④ PHASE II TRAFFIC	③ ← ④ PHASE III TRAFFIC	⑤ ← ⑥ PHASE IV & V TRAFFIC	⑦ ← ⑧ PHASE VI TRAFFIC	

B.M. #10 CHISELED SQUARE ON N.E. CORNER OF CONCRETE ENTRANCE DRIVE, 89.2 FEET RIGHT OF STA. 139+85.90, ELEV. 628.45

B.M. #11 1/2" DIA. STEEL ROD SET IN POWER POLE ON EAST SIDE OF KY 89, 64.7 FEET RIGHT OF STA. 144+41.90, ELEV. 627.10

SCALE: 1" = 20'

DETOUR DESIGN SPEED = 25 M.P.H.

PLAN SHEET  
 WHITE OAK CREEK DETOUR  
 STA. 200+00 TO STA. 206+82.27

FILE NAME: T:\2498 PHASE 2 SOUTH END SHEETS\PLANS R02300PL.DGN  
 USER: JSJugantz  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.443

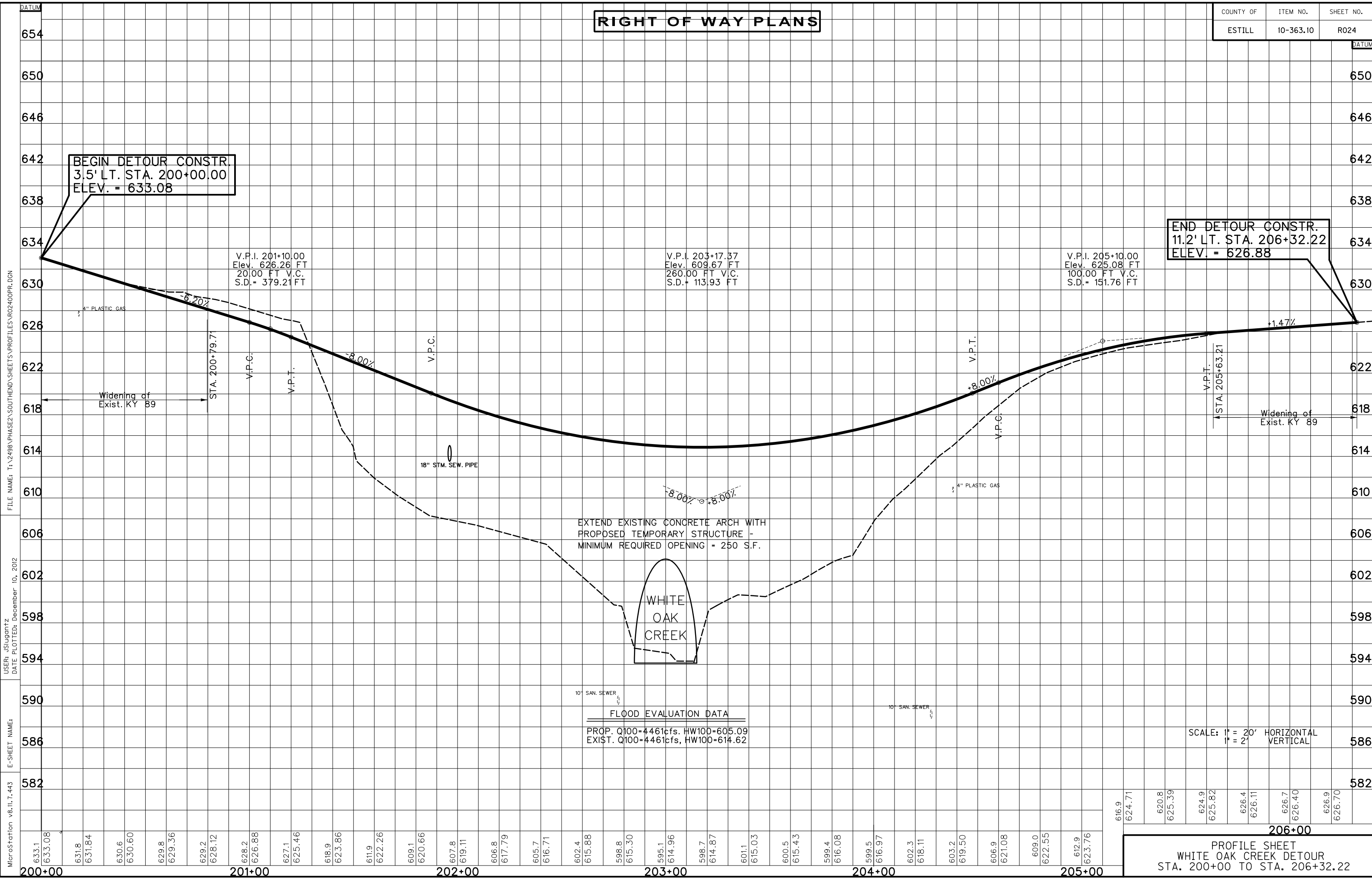
P.I. 200+30.62  
 $\Delta = 47^\circ 24' 22''$  Lt.  
 C = 28° 38' 52"  
 T = 30.62'  
 L = 60.76'  
 R = 200.00'  
 E = 2.33'  
 e = SEE X-SECTS.  
 Runoff = SEE X-SECTS.  
 Runout = SEE X-SECTS.

P.I. 205+94.95  
 $\Delta = 21^\circ 36' 52''$  Lt.  
 C = 28° 38' 52"  
 T = 38.18'  
 L = 75.45'  
 R = 200.00'  
 E = 3.61'  
 e = SEE X-SECTS.  
 Runoff = SEE X-SECTS.  
 Runout = SEE X-SECTS.

P.I. 203+56.74  
 $\Delta = 39^\circ 02' 14''$  Rt.  
 C = 28° 38' 52"  
 T = 70.90'  
 L = 136.27'  
 R = 200.00'  
 E = 12.19'  
 e = 4.00%  
 Runoff = 7.500'  
 Runout = 37.50'

# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R024



**BEGIN DETOUR CONSTR.**  
3.5' LT. STA. 200+00.00  
ELEV. = 633.08

**END DETOUR CONSTR.**  
11.2' LT. STA. 206+32.22  
ELEV. = 626.88

V.P.I. 201+10.00  
Elev. 626.26 FT  
20.00 FT V.C.  
S.D. = 379.21 FT

V.P.I. 203+17.37  
Elev. 609.67 FT  
260.00 FT V.C.  
S.D. = 113.93 FT

V.P.I. 205+10.00  
Elev. 625.08 FT  
100.00 FT V.C.  
S.D. = 151.76 FT

EXTEND EXISTING CONCRETE ARCH WITH  
PROPOSED TEMPORARY STRUCTURE -  
MINIMUM REQUIRED OPENING = 250 S.F.

WHITE  
OAK  
CREEK

**FLOOD EVALUATION DATA**

PROP. Q100=4461cfs. HW100=605.09
EXIST. Q100=4461cfs. HW100=614.62

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

FILE NAME: T:\2498 PHASE2 SOUTHEND\SHEETS\PROFILES\RO2400PR.DGN  
 USER: JSJugantz  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.443

200+00	201+00	202+00	203+00	204+00	205+00	206+00
633.1 633.08	631.8 631.84	630.6 630.60	629.8 629.36	629.2 628.12	628.2 626.88	627.1 625.46
618.9 623.86	611.9 622.26	609.1 620.66	607.8 619.11	606.8 617.79	605.7 616.71	602.4 615.88
598.8 615.30	595.1 614.96	598.7 614.87	601.1 615.03	600.5 615.43	599.4 616.08	599.5 616.97
602.3 618.11	603.2 619.50	606.9 621.08	609.0 622.55	612.9 623.76	616.9 624.71	620.8 625.39
624.9 625.82	626.4 626.11	626.7 626.40	626.9 626.70			

**PROFILE SHEET**  
 WHITE OAK CREEK DETOUR  
 STA. 200+00 TO STA. 206+32.22

# RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R025

## 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	Marcum & Wallace Memorial Hospital, Inc.	2.71*			1079	695	1474	2.67							2.67		3		X					D.B. 284, PG. 508		
2	Jackie B. Tipton Marie Tipton (Wf.)		6763*		329		319								6434		3		X						D.B. 217, PG. 394	
3	Raymond O. Neikirk Lena P. Neikirk (Wf.)	2.00			2903	267	1663	1.93							1.93		3		X						D.B. 264, PG. 699	
4	Myra Finney		10945*		452		1541								10493		3		X						D.B. 273, PG. 370	
5	Delmus Gross		17175*		767		1533								16408		3		X						Unrecorded Deed	
6	Donald Hardy Ann F. Hardy (Wf.)		21171*		1781		1628			19390					19390		3	X							D.B. 115, PG. 86	
7	Estill County Board of Education	11.20*			2055		12913				11.15				11.15		3	X							D.B. 178, PG. 296	
8	Abraham F. Lewis Judy Walker Lewis (Wf.)	1.28*			3290		319	1.20							1.20		3	X							D.B. 132, PG. 93	
9	Bobby G. Sherrard Hazel Jo Sherrard (Wf.)		23902*		3356		503			20546					20546		3	X							D.B. 149, PG. 648	
10	James H. Barnes K. Ann Barnes (Wf.)	3.80			1414		1032	3.77							3.77		3	X							D.B. 203, PG. 187	
11	Marsha Bonny Hughes Lawrence Edward Hughes (Husb.)	2.43*			13186	570	4354	2.11							2.11		3	X							D.B. 289, PG. 268	
12	Michael Lynn Woolery Connie Jones Woolery (Wf.)		28358*				1760								28358		3		X						D.B. 220, PG. 386	
13	Danny Conrad Laura Conrad (Wf.)		27473*		7299	736	2618			19438					19438		3	X							D.B. 268, PG. 262	
14	Billy F. Williams, Sr. Linda H. Williams (Wf.)		41643*				315								41643		3		X						D.B. 206, PG. 397	
15	Conrad Motors, Inc.		18168*		1654		1420								16514		3	X							D.B. 261, PG. 753	
16	Conrad Motors, Inc.		15807*		3473	694	2116			11640					11640		4		X						D.B. 261, PG. 753	
17	Wilma J. Duff, Trustee		13576*		76		72								13500		3		X						D.B. 262, PG. 380	
18	Richard C. Henry Richard L. Henry	2.34*			5583	11448	17830	1.95							1.95		3	X			2				D.B. 269, PG. 708	
19	William Aldridge Jr. Jewell Aldridge (Wf.)		11113*				554								11113		3		X						D.B. 247, PG. 252	
21	Ransom L. Richardson Myrtle Richardson (Wf.)		29040		204		321								28836		3		X						D.B. 116, PG. 333	
25	Goult's, Inc.	1.29			713		4358				1.27				1.27		3	X							D.B. 231, PG. 285	
26	Mead's, Inc.	1.11*			625	313	4303				1.09				1.09		4		X						D.B. 155, PG. 736 Art. of Inc. BK3, PG. 464	
28	Richard C. Henry Richard L. Henry	1.26*			175		6535	1.26							1.26		4		X						D.B. 269, PG. 708	3 FORMER UST'S
33	Robertson Family, LLC		13184*			2971	2724			10213					10213		3	X							D.B. 247, PG. 555	
34	Dextral Horn Wanda L. Horn (Wf.)	1.13*			4085	101	2596				1.03				1.03		3	X							D.B. 157, PG. 545	
35	Riverview Hotel, Inc.		12599*				2462			12599					12599		3	X							D.B. 198, PG. 477	
36	Dextral Horn Wanda Horn (Wf.)		19370*		12792		601								12792		3		X		1				D.B. 227, PG. 299	
37	Riverview Hotel, Inc.		12342*				2864			12342					12342		3	X							D.B. 242, PG. 409	
38	Kelly Wallingford		10000*		238		4185								9762		3	X							D.B. 217, PG. 105	
39	Danny R. Friend Loretta Friend (Wf.)		10014*				1398								10014		3		X						D.B. 279, PG. 459	
40	Scott Jones Joann Jones (Wf.)		12419*				3108			12419					12419		3	X							D.B. 220, PG. 290	

NOTE: PERMANENT R/W ACQUIRED + PERMANENT EASEMENT + AREA SEVERED = TOTAL AREA OF TRACT.

PARCELS 20, 22-24, 27, 29-32 NOT USED

\* AREA BY PLANIMETER

PRIVATELY OWNED STORM SEWER STRUCTURES THAT ARE REMOVED SHALL BE OFFERED TO THE OWNER PRIOR TO DISPOSITION BY THE CONTRACTOR

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 SHEET**

FILE NAME: T:\2498 PHASE2 SOUTHEND SHEETS\SUMMARIES\RO2500RW.DGN

USER: JSUGANTZ  
DATE PLOTTED: December 10, 2012

E-SHEET NAME:

MicroStation v8.11.7.443

**RIGHT OF WAY PLANS**

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R026

**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.														
41	Earl Howell Tammy Howell (Wf.)		17640*				3816		17640					17640	3	X							D.B. 204, PG. 55/ D.B. 206, PG. 109 D.B. 231, PG. 508	3 UST'S 2 AST'S	
42	Eugene Hurst Debra Hurst (Wf.)		19602		570		5903						19032		3	X							D.B. 246, PG. 405		
44	Valerie Fillinham		19382*			2404	3222		16978					16978	3	X							D.B. 278, PG. 519		
45	Kelly T. Wallingford		25861*		8898		2609						16963		4	X							D.B. 214, PG. 54		
46	Anthony Abney Melva Abney (Wf.)		38028*		1697		287						36331		3		X						D.B. 247, PG. 213		
47	Larry Hensley Nancy Hensley (Wf.)		37217*			506	3472		36711					36711	3	X							D.B. 195, PG. 270	2 UST's	
48	Larry Hensley Nancy Hensley (Wf.)		30015*				1959		30015					30015	3	X							D.B. 195, PG. 273		
50	Leonard Collins Linda L. Collins (Wf.)		14823*		284		483						14539		3	X							D.B. 226, PG. 775		
51	Gwendolyn C. Hurst Living Trust		17683*		5181		888						12502		3	X							D.B. 245, PG. 592		
52	Johnny Shepherd		20962*			1272	2005		19690					19690	3		X						No Deed on Record		
53	Roger C. Kissick Debra Raye Kissick (Wf.)	1.93*		24939			1198			1.36				1.36	4		X						D.B. 177, PG. 414		
56	Clarice Witt Wolf Inbarger, et al		17700*				1700		17700					17700	3		X						D.B. 261, PG. 382		
57	Ronald Edward Frazier Peggle Ann Frazier (Wf.)		18631*		18631										3	X			1		3		D.B. 148, PG. 509		
58	Vetra Woosley Etta Woosley (Wf.)	5.25		19283			1529			4.81				4.81	3	X							D.B. 105, PG. 121 D.B. 128, PG. 480		
59	Johnny Clay Shepherd		27582*				3152		27582					27582	3		X						D.B. 273, PG. 115		
60	Linda Faye Webb Kimberly Richardson		29197*				7011		29197					29197	3		X						D.B. 289, PG. 074	2 UST'S	
61	Daniel L. Todd Phyllis Todd (Wf.)	4.00		13496			4012			3.69				3.69	3	X			1				D.B. 150, PG. 459 D.B. 165, PG. 500		
62	William F. Hamilton, Trustee	60.10			11454	2216	9120	59.79					59.79		4		X						D.B. 202, PG. 207		
136	Charles K. Richardson Julie Richardson (Wf.)		17565*		35		2033		17530					17530	3		X						D.B. 241, PG. 213		
137	The Ray and Louise Holbrook Trust		9730*		212		746						9518		3		X						D.B. 284, PG. 355		
138	Greg Werner Rebecca Werner (Wf.)		8787*		111		885		8676					8676	3		X						D.B. 275, PG. 229		
139	Danny W. Conrad Laura G. Conrad (Wf.)		11654*		343		1195						11311		3		X						D.B. 275, PG. 415		
140	Gene Seale Jr. Deanna Wolf Inbarger		8790*		187		915		8603					8603	3		X						D.B. 260, PG. 386		
141	Elizabeth A. Toler Warren F. Toler		11629*		439		968						11190		3		X						D.B. 285, PG. 077		
142	Amelia A. Noland		8793*		263		782		8530					8530	3		X						D.B. 197, PG. 22		
143	Edward E. Wilson Peggy H. Wilson		7739*		346		455						7393		3		X						D.B. 99, PG. 229		
144	Johnny Clay Shepherd		40361*				1178						40361		3		X						D.B. 273, PG. 118		
148	Robertson Family, LLC	5.98*			4634	123	5.87						5.87		4		X						D.B. 247, PG. 552		
149	William Park Hardy Rhonda Hardy (Wf.)	2.90*			773		1613	2.88					2.88		3	X							D.B. 249, PG. 001		

FILE NAME: T:\2498 PHASE2 SOUTHEND SHEETS\SUMMARYS\RWSUMI.DGN

USER: AChadwell  
DATE PLOTTED: July 20, 2012

E-SHEET NAME:

MicroStation v8.11.7.443

NOTE: PERMANENT R/W ACQUIRED + PERMANENT EASEMENT + AREA SEVERED = TOTAL AREA OF TRACT.  
 PARCELS 43, 49, 54-55, 63-135, 145-147 NOT USED  
 \* AREA BY PLANIMETER  
 PRIVATELY OWNED STORM SEWER STRUCTURES THAT ARE REMOVED SHALL BE OFFERED TO THE OWNER PRIOR TO DISPOSITION BY THE CONTRACTOR

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 PLANS**

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R027



BEGIN RIGHT OF WAY  
STA. 99+57.42

BEGIN CONSTRUCTION  
STA. 99+67.92

TO IRVINE ← KY 89

**PARCEL OWNERS**

- |  |   |
|--|---|
| 1 Marcum & Wallace Memorial Hospital, Inc.     | 11 Cecella Ann Bonny, Trustee                       |
| 2 Jackle B. Tipton<br>Marle Tipton (Wf.)       | 136 Charles K. Richardson<br>Julie Richardson (Wf.) |
| 3 Raymond O. Nelkrk<br>Lena P. Nelkrk (Wf.)    | 137 The Ray and Louise<br>Holbrook Trust            |
| 4 Myra Finney                                  | 138 Greg Werner<br>Rebecca Werner (Wf.)             |
| 5 Delmus Gross                                 | 139 Danny W. Conrad<br>Laura G. Conrad (Wf.)        |
| 6 Donald Hardy<br>Ann F. Hardy (Wf.)           | 140 Gene Seale Jr.<br>Deanna Wolf Inbarger          |
| 7 Estill County<br>Board of Education          | 141 Warren F. Toler<br>Elizabeth A. Toler (Wf.)     |
| 8 Abraham F. Lewis<br>Judy Walker Lewis (Wf.)  | 142 Amella A. Noland                                |
| 9 Bobby G. Sherrard<br>Hazel Jo Sherrard (Wf.) | 143 Edward E. Wilson<br>Peggy H. Wilson (Wf.)       |
| 10 James H. Barnes<br>K. Ann Barnes (Wf.)      | 149 William Park Hardy<br>Rhonda Hardy (Wf.)        |



Q KY 89 RELOCATION

MATCHLINE STA. 110+00 - SEE SHEET NO. R028

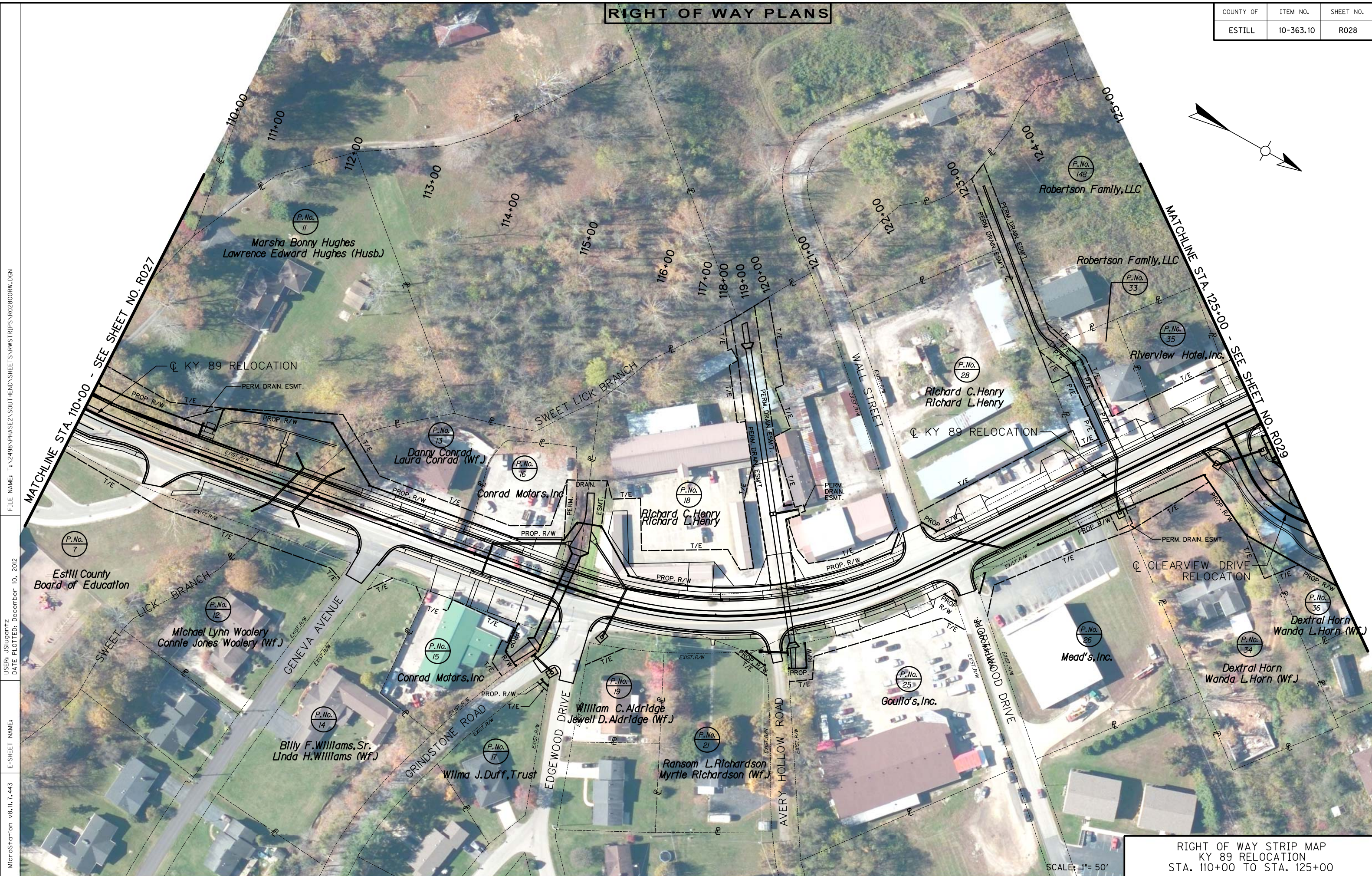
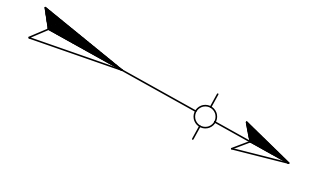
FILE NAME: T:\2498 PHASE2\SOUTHEND\SHEETS\RWSTRIPS\R02700RW.DGN  
USER: jsugantz  
DATE PLOTTED: December 10, 2012  
E-SHEET NAME:  
MicroStation v8.11.7.443

RIGHT OF WAY STRIP MAP  
KY 89 RELOCATION  
STA. 99+00 TO STA. 110+00  
SCALE: 1" = 50'



**RIGHT OF WAY PLANS**

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R028



FILE NAME: T:\2498 PHASE2\SOUTHEND\SHEETS\RWSTRIPS\R02800RW.DGN  
 USER: JSUGANTZ  
 DATE PLOTTED: December 10, 2012  
 E-SHEET NAME:  
 MicroStation v8.11.7.443

RIGHT OF WAY STRIP MAP  
 KY 89 RELOCATION  
 STA. 110+00 TO STA. 125+00  
 SCALE: 1" = 50'

**RIGHT OF WAY PLANS**

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R029



MicroStation v8.11.7.443  
 E-SHEET NAME:  
 USER: jsilganitz  
 DATE PLOTTED: December 10, 2012  
 FILE NAME: T:\2498 PHASE2 SOUTH END SHEETS\RW STRIPS\R029ORRW.DGN

RIGHT OF WAY STRIP MAP  
 KY 89 RELOCATION  
 STA. 125+00 TO STA. 140+00  
 SCALE: 1" = 50'

**RIGHT OF WAY PLANS**

COUNTY OF	ITEM NO.	SHEET NO.
ESTILL	10-363.10	R030



MicroStation v8.11.7.443  
 E-SHEET NAME:  
 USER: jsilganitz  
 DATE PLOTTED: December 10, 2012  
 FILE NAME: T:\2498 PHASE2 SOUTHEND\SHEETS\RWSTRIPS\R03000RW.DGN

RIGHT OF WAY STRIP MAP  
 KY 89 RELOCATION  
 STA. 140+00 TO 148+00  
 SCALE: 1" = 50'

**CENTERLINE COORDINATE DATA**

KY 89		
STATION	NORTHING	EASTING
P.O.B. STA. 95+00.00	2144958.735	2153702.769
T.S. STA. 102+33.51	2145691.643	2153673.022
S.C. STA. 103+43.51	2145801.602	2153671.361
P.I. STA. 104+34.04	2145892.005	2153664.890
C.S. STA. 105+20.44	2145975.873	2153699.251
S.T. STA. 106+30.44	2146079.821	2153735.146
T.S. STA. 107+53.22	2146194.818	2153778.163
S.C. STA. 108+63.22	2146299.157	2153812.802
P.I. STA. 109+37.89	2146367.780	2153842.862
C.S. STA. 110+06.28	2146440.998	2153826.995
S.T. STA. 111+16.28	2146550.132	2153813.717
T.S. STA. 115+77.15	2147005.223	2153740.979
S.C. STA. 116+87.15	2147113.111	2153719.811
P.I. STA. 118+51.85	2147276.479	2153697.624
C.S. STA. 119+92.23	2147368.283	2153560.681
S.T. STA. 121+02.23	2147434.761	2153473.111
P.C. STA. 124+64.76	2147643.651	2153176.814
P.I. STA. 126+11.62	2147728.275	2153056.780
P.T. STA. 127+58.09	2147827.479	2152948.484
P.C. STA. 130+52.34	2148026.240	2152731.507
P.I. STA. 134+60.10	2148301.668	2152430.838
P.T. STA. 138+42.94	2148699.082	2152339.598
P.C. STA. 146+24.92	2149461.226	2152164.623
P.I. STA. 150+24.57	2149850.745	2152075.196
P.T. STA. 154+16.29	2150187.109	2151859.370

CLEARVIEW DRIVE RELOCATION		
STATION	NORTHING	EASTING
P.O.B. STA. 50+00.00	2147641.329	2153180.108
P.C. STA. 50+67.86	2147696.787	2153219.210
P.I. STA. 51+07.79	2147729.426	2153242.223
P.T. STA. 51+44.47	2147769.226	2153238.937
P.C. STA. 51+61.56	2147786.250	2153237.531
P.I. STA. 52+05.07	2147829.615	2153233.950
P.T. STA. 52+44.43	2147863.695	2153261.004
P.O.E. STA. 55+74.42	2148122.149	2153466.177

**HORIZONTAL CONTROL COORDINATE DATA**

DESIGNATION	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
96-44-15	2145736.722	2153642.730	666.590	102+79.40	28.65 LT	KDOH MONUMENT
96-44-14	2146419.546	2153867.831	634.667	109+84.73	40.31 RT	KDOH MONUMENT
96-44-13	2147269.495	2153681.214	629.402	118+42.31	27.79 RT	KDOH MONUMENT
96-44-12	2147666.837	2153084.007	626.606	125+52.61	36.23 LT	KDOH MONUMENT
96-44-11 RESET	2148366.181	2152425.736	640.580	135+04.45	35.20 LT	KDOH MONUMENT
96-13-5	2148816.096	2152286.785	625.771	139+68.81	25.29 LT	KDOH MONUMENT

**NOTES**

- The coordinates for this project are based on Project Datum, not State Plane Coordinates.
- The Contractor is responsible for verifying that Control Points have not been moved.
- See Plan Sheets for locations of Control Points. Some Control Points may be outside the Plan Sheet limits.
- The original mapping for this project was Metric and was converted to English.

**PROJECT COORDINATES**

Coordinates shown are Project Datum of Ground Coordinates and are in U.S. Survey Feet.

A project datum factor of 1.000059512 was computed from the central most point to convert the State Plane Coordinates to Project Coordinates.

If State Plane Coordinates are needed, divide the Project Coordinates by the Project Datum Factor.