COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R001

RIGHT OF WAY PLANS

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS

PLANS OF
PROPOSED PROJECT
MADISON COUNTY
KY 52 RELOCATION
RIGHT OF WAY PLANS
FD04 076 0052 001–007

INDEX OF SHEETS

STANDARD DRAWINGS

NUMBER

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RBC-002-03	RDI-040-01	TPM-105-03	RDH-005-02
RBC-003-08	RDI-041-01	TPM-100-03	RDH-020-03
RBC-005	RDI-100-05	TPM-115-03	RDH-110-02
RBI-001-11	RDI-120-04	TPM-120-03	RDH-210-03
RBI-002-07	RDP-001-06	TPM-165	RDH-220-02
RBR-001-12	RDP-005-05	TPM-170	RDH-310-04
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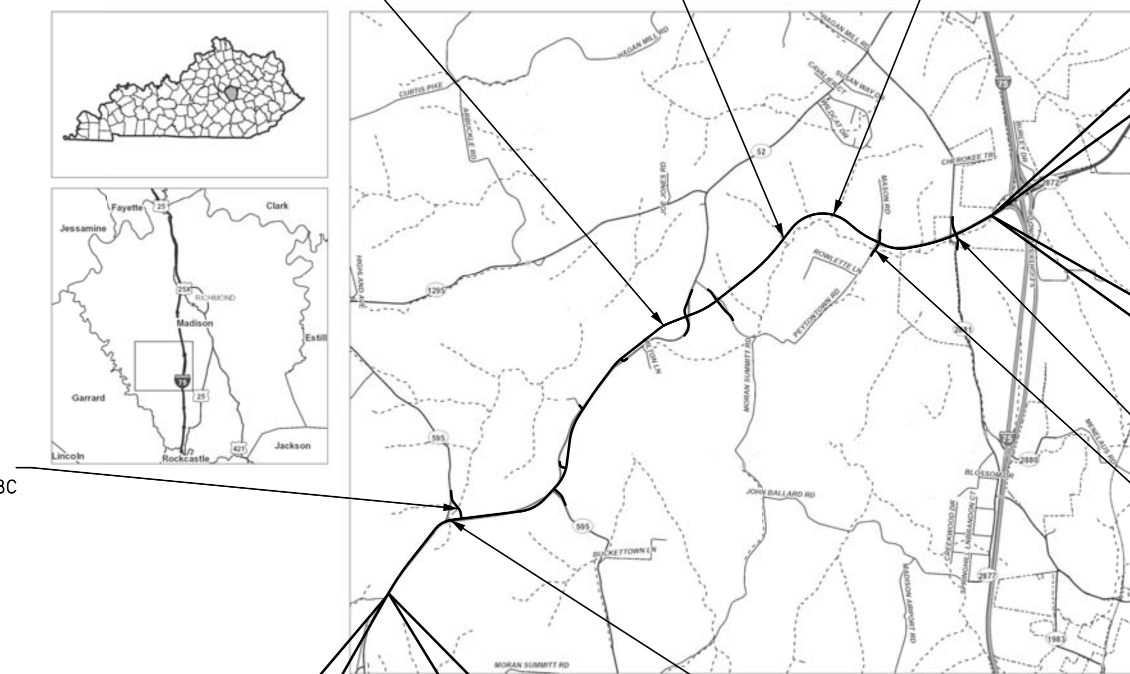
RBR-010-06	RDP-007-04	TTC-100-03	94 TOTAL
RBR-015-05	RDP-010-09	TTC-115-03	
RBR-030-05	RDX-060-04	TTC-120-03	
RBR-031-01	RDX-210-03	TTC-125-03	
RBR-032	RDX-215-01	TTC-135-02	
RBR-035-11	RDX-220-05	TTC-140-03	
RBR-055	RDX-225-01	TTC-141-03	
RDB-100-05	RDX-230-01	TTC-145-03	
RDB-101-05	RDX-240-04	TTC-146-03	
RDB-105-06	RGS-001-07	TTC-150-03	
RDB-106-05	RGX-001-06	TTC-155-02	
RDD-021-07	RGX-005-06	TTC-160-02	
RDD-040-05	RGX-010-04	TTD-120-02	
RDI-001-10	RGX-060-01	TTD-125-02	
RDI-002-05	RGX-061-01	TTS-100-02	
RDI-003-05	RGX-065-02	TTS-105-02	
RDI-004-04	RGX-100-06	TTS-110-02	
RDI-011-03	RGX-105-08	TTS-115-02	
RDI-020-09	RGX-200-01	TTS-120-02	
RDI-021-01	RPM-110-07	TTS-125-02	
RDI-025-05	RPM-145-04	TTS-130-02	

STA. 252+36.50 PROPOSED
4-SPAN P.C.I.B. BRIDGE

STA. 323+18.00 PROPOSED
8' X 6' RCBC

STA. 346+22.00 PROPOSED
10' X 8' RCBC

END PROJECT
STA. 414+25.00



END RIGHT OF WAY
STA. 410+50.00

KY 2881/CALEAST RD. STA.
51+09.00 PROPOSED 8' X 6' RCBC

PEYTONTOWN RD. EAST STA.
53+30.00 PROPOSED 20' X 5' RCBC

KY 595/KIRKSVILLE RD. STA.
45+62.00 PROPOSED 10' X 8' RCBC

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

STA. 139+57.00 PROPOSED
10' X 6' RCBC

BEGIN RIGHT OF WAY
STA. 105+00.00

BEGIN PROJECT
STA. 100+40.00

0' 2500' 5000' 10000'

LAYOUT MAP

DESIGN CRITERIA

CLASS OF HIGHWAY RURAL ARTERIAL
TYPE OF TERRAIN ROLLING
DESIGN SPEED 55 MPH
REQUIRED NPSD 495'
REQUIRED PSD 900'
LEVEL OF SERVICE
ADT PRESENT (2015) 3000
ADT FUTURE (2040) 4300
DHV (2015) 340 (2040) 490
D %
T % (2015) 10% (2040) 10%

GEOGRAPHIC COORDINATES

LATITUDE 37 DEGREES 39 MINUTES 33 SECONDS NORTH
LONGITUDE 84 DEGREES 21 MINUTES 47 SECONDS WEST

DESIGNED

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

KY 52 MAINLINE	APPROACHES	SILVER CREEK BRIDGE	
LENGTH 30,802 LIN. FT. 5.834 MILES	LENGTH 7,645 LIN. FT. 1.448 MILES	LENGTH 583 LIN. FT. 0.110 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. 0 LIN. FT.	RAILROAD CROSSINGS NO. 0 LIN. FT.	RAILROAD CROSSINGS NO. LIN. FT.	RAILROAD CROSSINGS NO. LIN. FT.
BRIDGES 1 PROP. - 583 LIN. FT.	BRIDGES LIN. FT.	BRIDGES LIN. FT.	BRIDGES LIN. FT.

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
MADISON
KY 52 RELOCATION

ITEM NO. 7-235.00
PROJECT NUMBER: FD04 076 0052 001-007
LETTING DATE:

RECOMMENDED BY: PROJECT MANAGER DATE:

PLAN APPROVED BY: STATE HIGHWAY ENGINEER DATE:

PLANS PREPARED AND SUBMITTED BY:

GRW Engineers, Inc.

STATE OF KENTUCKY
ERIC B. FISTER
22330
LICENSED PROFESSIONAL ENGINEER

Eric Fister
JULY 25, 2018

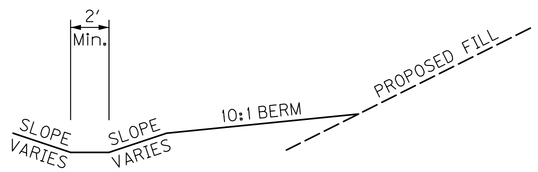
Eric Fister
Digitally signed by Eric Fister
DN: cn=Eric Fister, o=GRW Engineers Inc., ou, email=efister@grwinc.com, c=US
Date: 2018.08.29 17:05:21 -04'00'

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\LAYOUT\R0010OLS-RW.DGN
USER: efister
DATE PLOTTED: July 24, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

TYPICAL SECTIONS

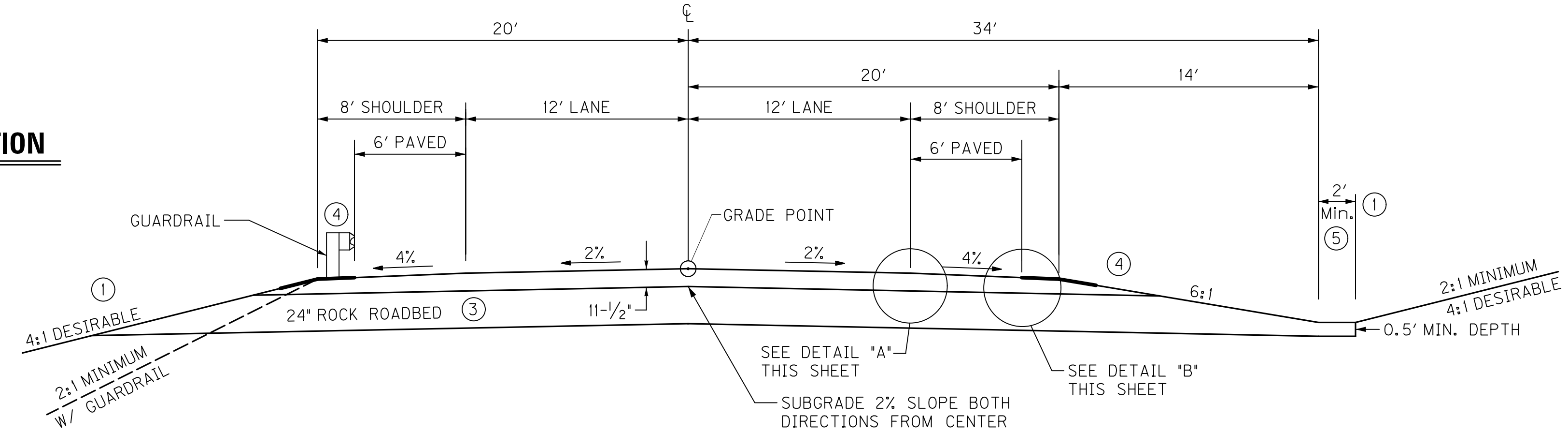
KY 52 RELOCATION

**(MAINLINE STA. 106+40 TO STA. 111+00,
STA. 162+05 TO STA. 166+25,
STA. 178+00 TO STA. 189+00,
STA. 215+25 TO STA. 225+00,
STA. 258+19.50 TO STA. 414+25)**

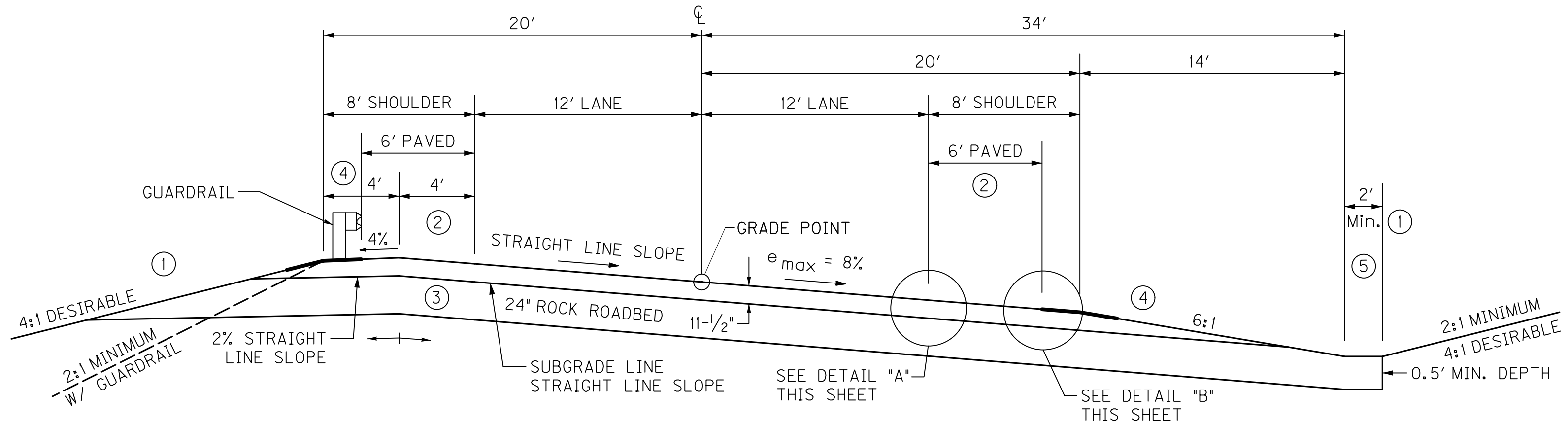


TYPICAL SURFACE DITCH SECTION

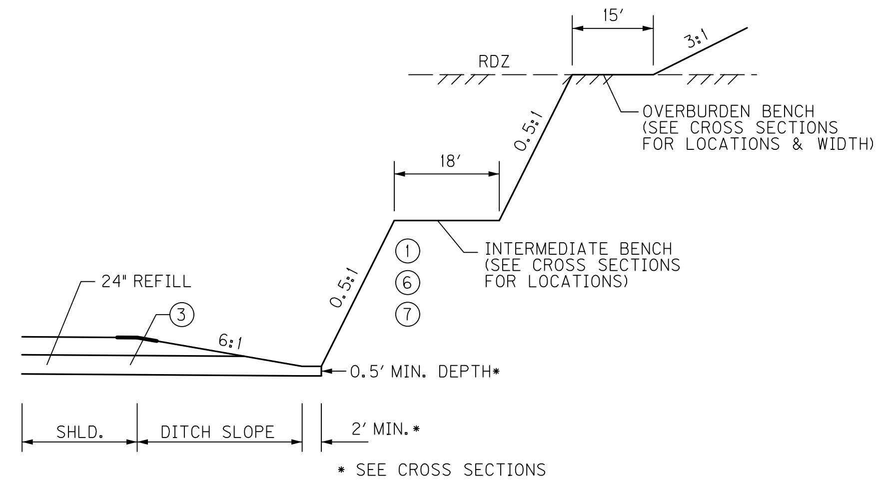
N.T.S.



NORMAL RURAL FILL/CUT SECTION



SUPERELEVATION RURAL FILL/CUT SECTION



TYPICAL RURAL ROCK CUT SECTION

N.T.S.

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.

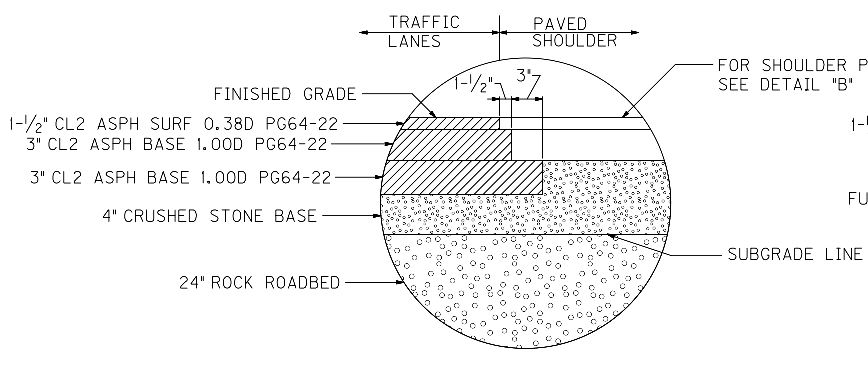
   ASPHALT SEAL COAT (2 APPLICATIONS) — ASPHALT SEAL COAT @ 2.40 LBS./S.Y. ASPHALT SEAL AGGREGATE @ 20 LBS./S.Y. (CRUSHED AGGREGATE SIZE NO.8 OR 9M)

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-AND-A-HALF (1.5) FEET.
6. FOR ROCK SLOPES, SEE CROSS SECTIONS.
7. SEE CROSS SECTIONS FOR PRE-SPLIT SLOPES FROM RDZ TO ROCK CUT DITCH LINE.
8. ASPHALT MATERIAL FOR TACK TO BE APPLIED BETWEEN EACH LAYER OF ASPHALT.

   ASPHALT TACK COAT — ESTIMATED AT 0.84 LBS./S.Y. (0.10 GAL./S.Y.) BETWEEN EACH ASPHALT COURSE

PAVEMENT SCHEDULE

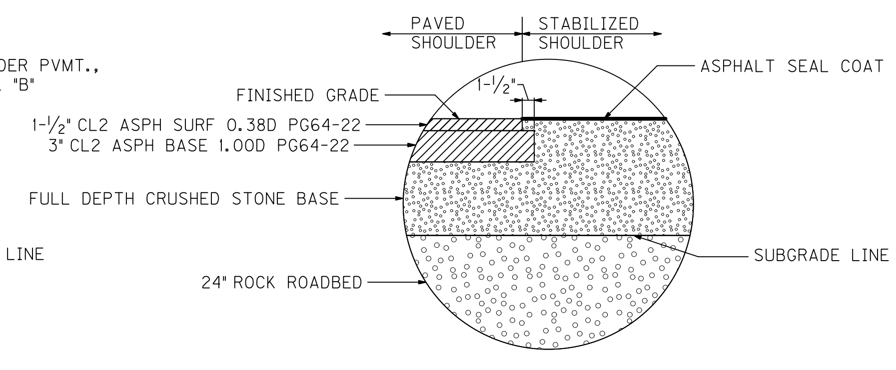
ROCK ROADBED PREPARATION	
ROCK ROADBED	24" DEPTH
FABRIC-GEOTEXTILE TYPE IV (at top)	SQ YD
HIGH STRENGTH GEOTEXTILE FABRIC TYPE V (at bottom)	SQ YD
TRAFFIC LANES	
CRUSHED STONE BASE	4" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	6" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH
SHOULDERS	
CRUSHED STONE BASE	FULL DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH



DETAIL "A"

N.T.S.

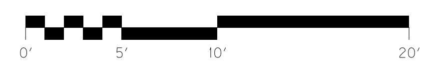
TRAFFIC LANE PAVEMENT



DETAIL "B"

N.T.S.

SHOULDER PAVEMENT



SCALE: 1"=5'

TYPICAL SECTIONS
KY 52 RELOCATION
RURAL MAINLINE

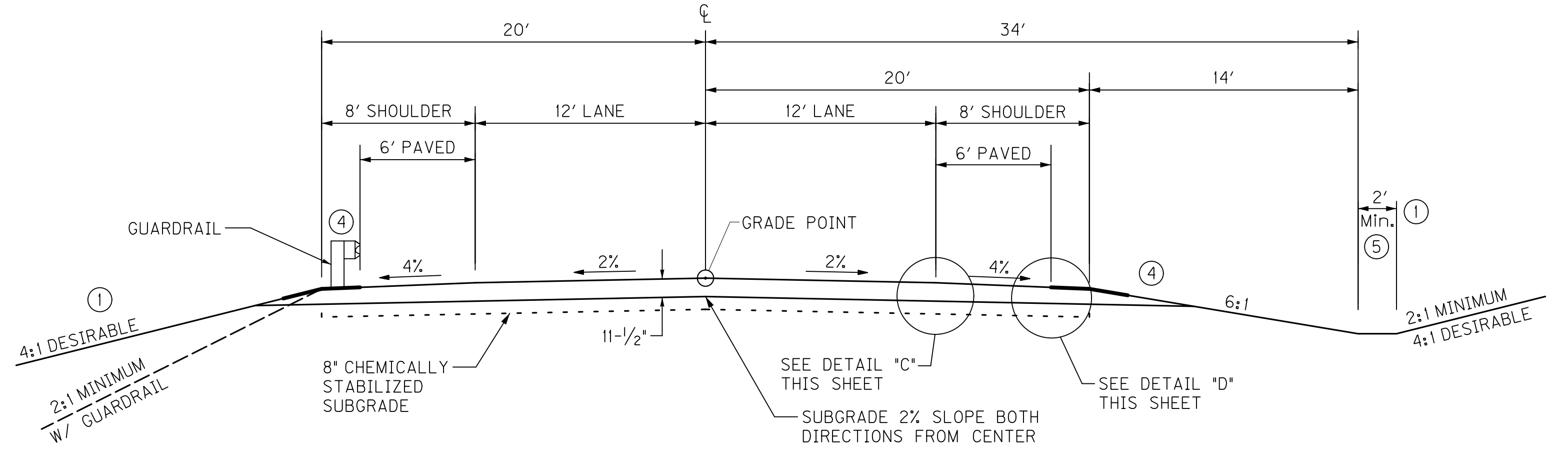
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\TYPICAL SECTIONS\R00200TS.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS	COUNTY OF	ITEM NO.	SHEET NO.
	MADISON	7-235.00	R002A

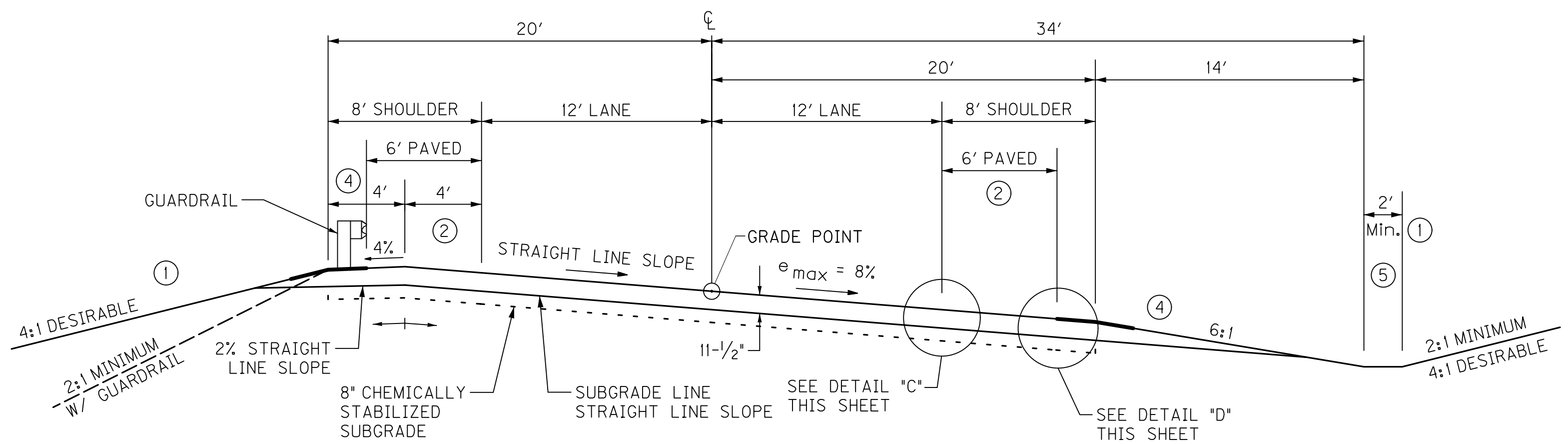
TYPICAL SECTIONS

KY 52 RELOCATION

(MAINLINE STA. 111+00 TO STA. 162+05, STA. 166+25 TO STA. 178+00, STA. 189+00 TO STA. 215+25, STA. 225+00 TO STA. 252+36.50)



NORMAL RURAL FILL/CUT SECTION



SUPERELEVATION RURAL FILL/CUT SECTION

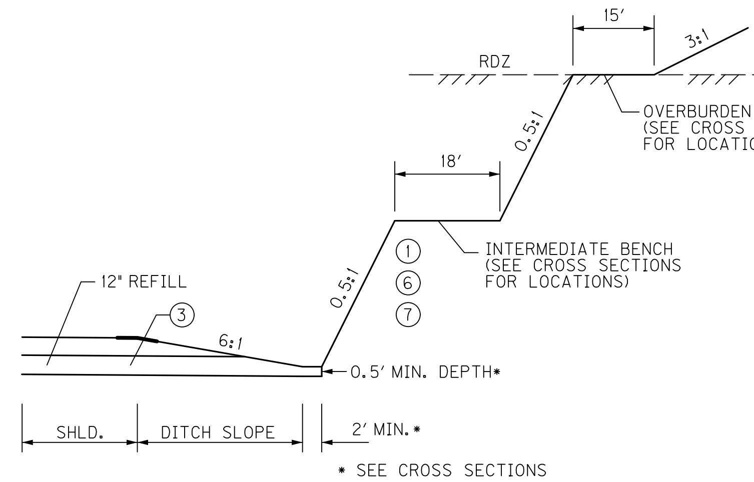
NOTES

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 (2 APPLICATIONS) —— ASPHALT SEAL COAT @ 2.40 LBS./S.Y. ASPHALT SEAL AGGREGATE @ 20 LBS./S.Y. (CRUSHED AGGREGATE SIZE NO.8 OR 9M)

5. SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE REQUIRED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE-AND-A-HALF (1.5) FEET.
6. FOR ROCK SLOPES, SEE CROSS SECTIONS.
7. SEE CROSS SECTIONS FOR PRE-SPLIT SLOPES FROM RDZ TO ROCK CUT DITCH LINE.
8. ASPHALT MATERIAL FOR TACK TO BE APPLIED BETWEEN EACH LAYER OF ASPHALT.

   ASPHALT TACK COAT —— ESTIMATED AT 0.84 LBS./S.Y. (0.10 GAL./S.Y.) BETWEEN EACH ASPHALT COURSE

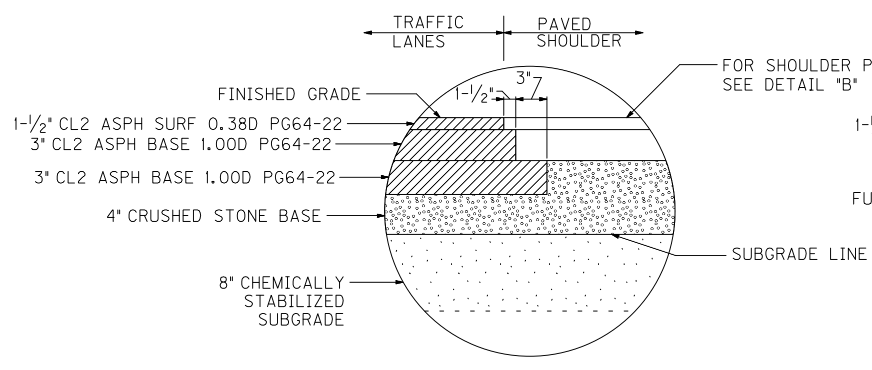


• SEE CROSS SECTIONS

TYPICAL RURAL ROCK CUT SECTION

N.T.S.

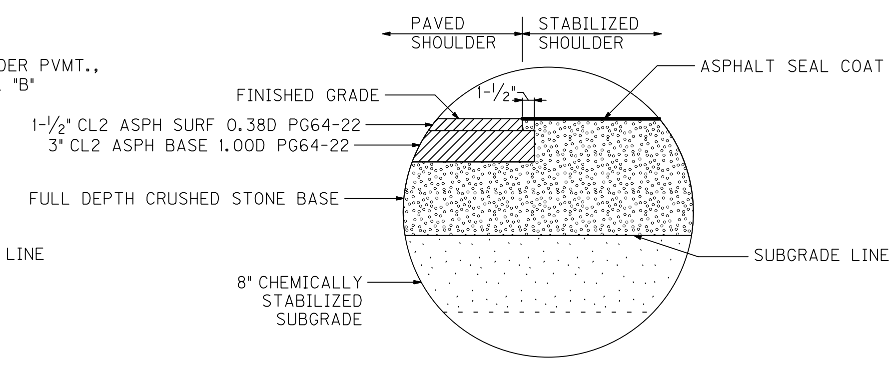
PAVEMENT SCHEDULE	
SUBGRADE PREPARATION	
CHEMICALLY STABILIZED SUBGRADE	SQ YD
CEMENT (6% @ 105 LB/CU. FT.)	TON
ASPHALT CURING SEAL	2.0 LB/SQ YD
SAND FOR BLOTTER	5.0 LB/SQ YD
TRAFFIC LANES	
CRUSHED STONE BASE	4" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	6" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH
SHOULDERS	
CRUSHED STONE BASE	FULL DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH



DETAIL "C"

N.T.S.

TRAFFIC LANE PAVEMENT



DETAIL "D"

N.T.S.

SHOULDER PAVEMENT

0' 5' 10' 20'

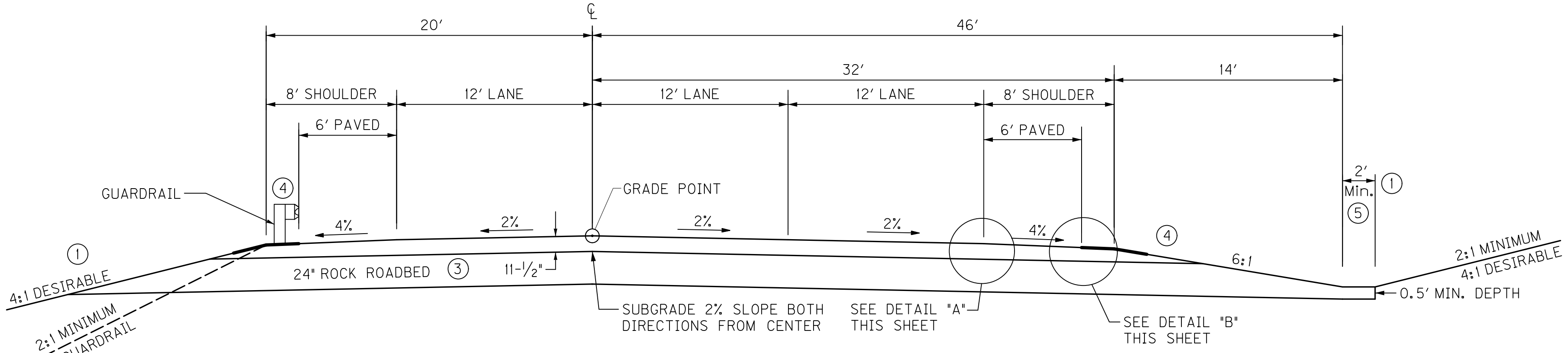
SCALE: 1"=5'

TYPICAL SECTIONS
KY 52 RELOCATION
RURAL MAINLINE

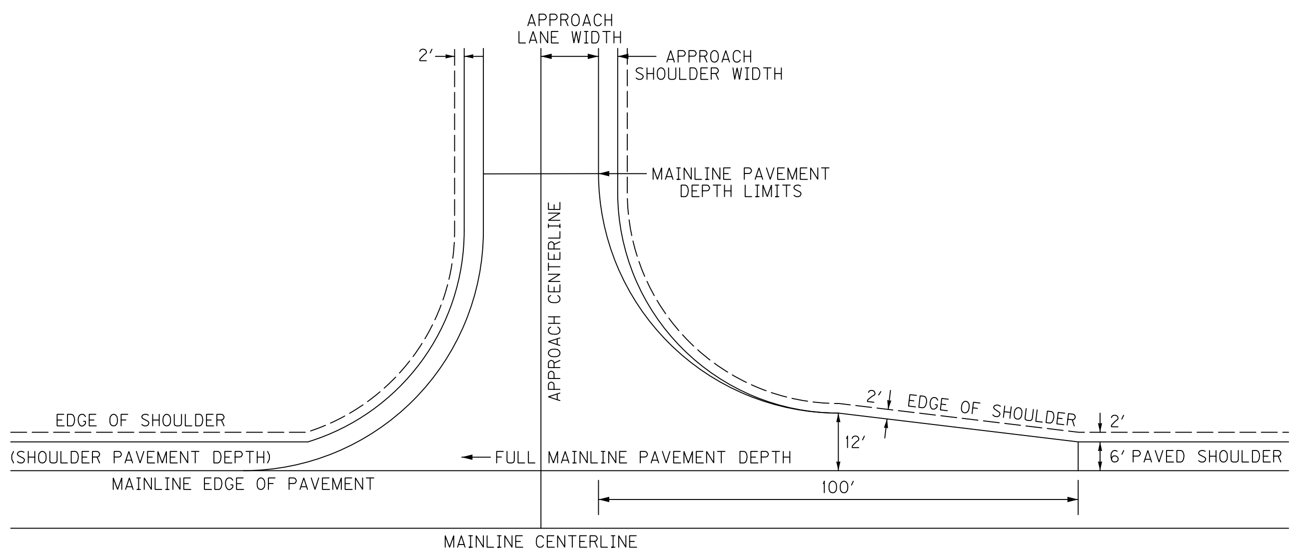
RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R002B

TYPICAL SECTIONS
KY 52 RELOCATION
(MAINLINE STA. 100+40 TO STA. 106+40)



TRUCK CLIMBING LANE FILL/CUT SECTION



MAINLINE SHOULDERS AT APPROACHES

N.T.S.

NOTES

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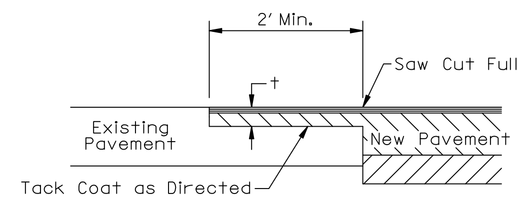
5. SEE PLANS FOR RIPRAP CHANNEL LINING REQUIREMENTS. UNLESS OTHERWISE DIRECTED ALL DITCHES NOT RECEIVING RIPRAP CHANNEL LINING SHALL BE LINED WITH EROSION CONTROL BLANKET WITH A MINIMUM DEPTH TO PROTECT OF ONE-AND-A-HALF (1.5) FEET.
6. ASPHALT MATERIAL FOR TACK TO BE APPLIED BETWEEN EACH LAYER OF ASPHALT.

ASPHALT TACK COAT — ESTIMATED AT 0.84 LBS./S.Y. (0.10 GAL./S.Y.) BETWEEN EACH ASPHALT COURSE

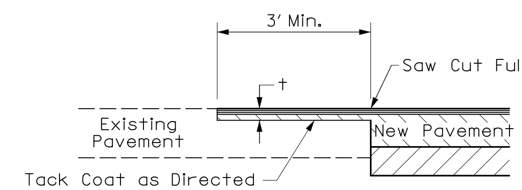


LONGITUDINAL PAVEMENT TIE DETAIL

N.T.S.

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



TRANSVERSE PAVEMENT TIE DETAIL

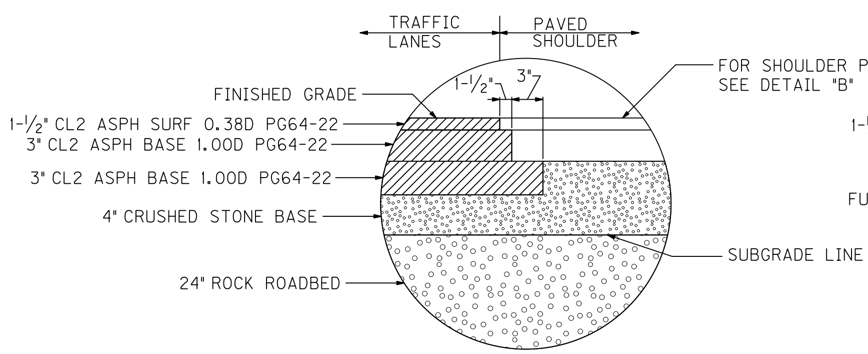
N.T.S.

t = 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.

PAVEMENT SCHEDULE

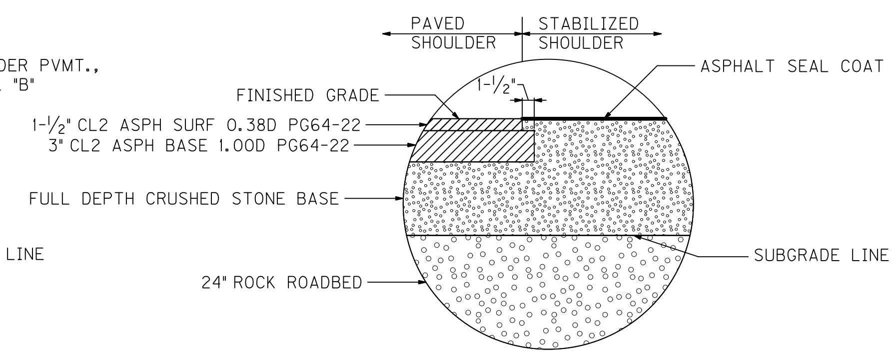
ROCK ROADBED PREPARATION	
ROCK ROADBED	24" DEPTH
FABRIC-GEOTEXTILE TYPE IV (at top)	SQ YD
HIGH STRENGTH GEOTEXTILE FABRIC TYPE V (at bottom)	SQ YD
TRAFFIC LANES	
CRUSHED STONE BASE	4" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	6" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH
SHOULDERS	
CRUSHED STONE BASE	FULL DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH



DETAIL "A"

N.T.S.

TRAFFIC LANE PAVEMENT



DETAIL "B"

N.T.S.

SHOULDER PAVEMENT

0' 5' 10' 20'

SCALE: 1"=5'

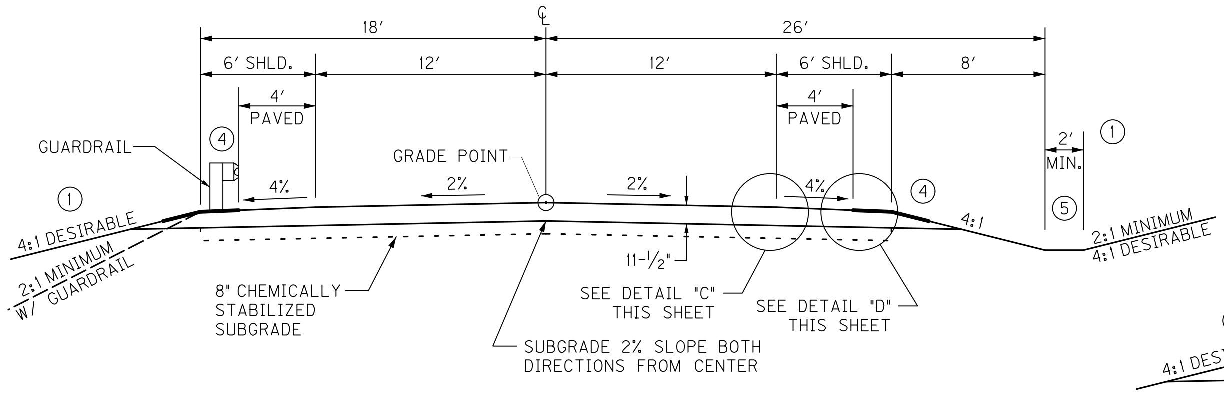
TYPICAL SECTIONS
KY 52 RELOCATION
RURAL MAINLINE

MicroStation v8.11.7.443 | E-SHEET NAME: | USER: sellis DATE PLOTTED: July 17, 2018 | FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\TYPICAL SECTIONS\R0020BTS.DGN

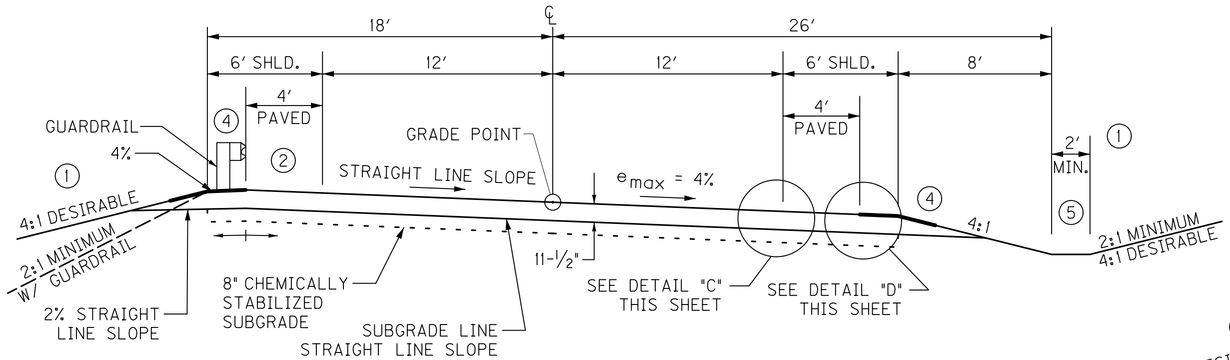
TYPICAL SECTIONS

RIGHT OF WAY PLANS	COUNTY OF	ITEM NO.	SHEET NO.
	MADISON	7-235.00	R002C

APPROACH ROAD TYPE 1 SECTIONS
KY 595 KIRKSVILLE ROAD, KY 595 WALNUT MEADOW ROAD

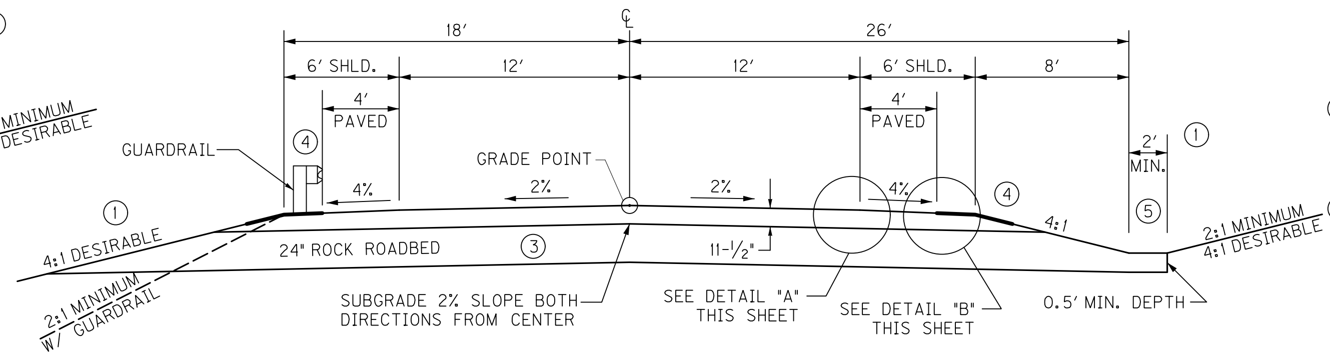


NORMAL FILL / CUT SECTION

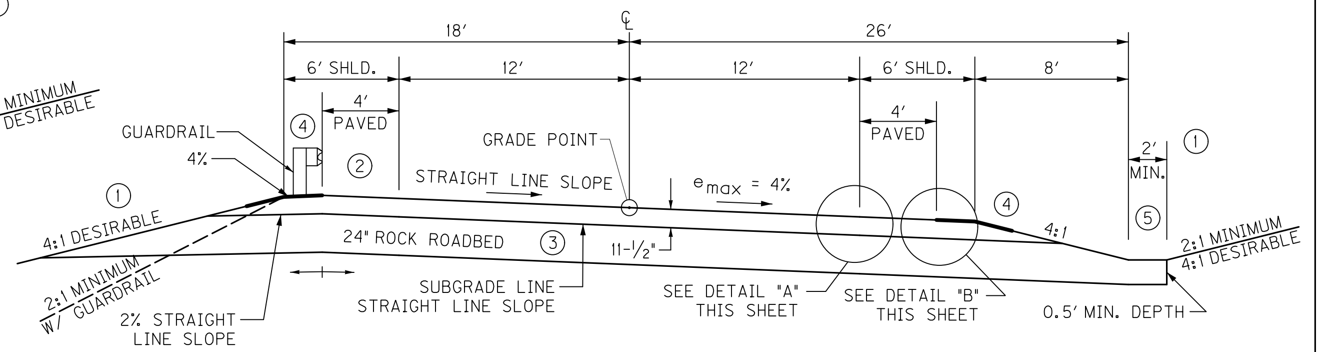


SUPERELEVATION FILL / CUT SECTION

APPROACH ROAD TYPE 2 SECTIONS
KY 52 CONN. NO. 3, KY 2881 CALEAST ROAD



NORMAL FILL / CUT SECTION



SUPERELEVATION FILL / CUT SECTION

NOTES

1. SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
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6. ASPHALT MATERIAL FOR TACK TO BE APPLIED BETWEEN EACH LAYER OF ASPHALT.

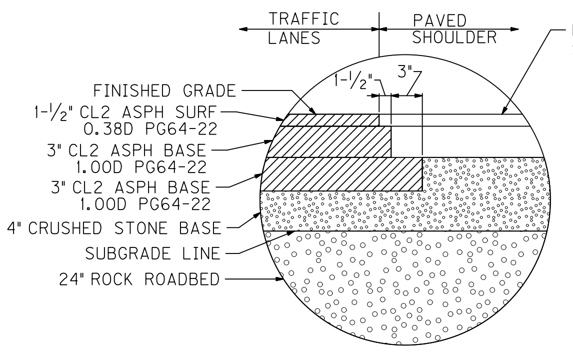
ASPHALT TACK COAT — ESTIMATED AT 0.84 LBS./S.Y. (0.10 GAL./S.Y.) BETWEEN EACH ASPHALT COURSE

APPROACH ROAD TYPE 1 PAVEMENT SCHEDULE

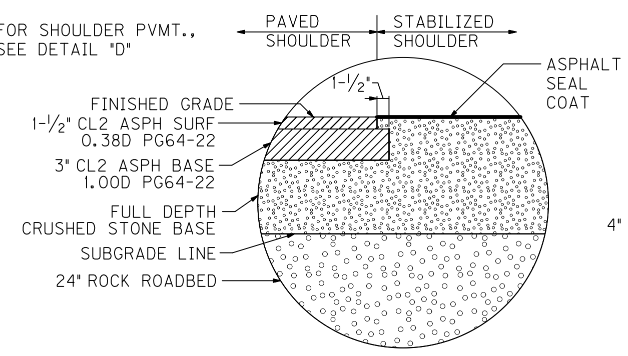
SUBGRADE PREPARATION	
CHEMICALLY STABILIZED SUBGRADE	SQ YD
CEMENT (6% @ 105 LB/CU. FT.)	TON
ASPHALT CURING SEAL	2.0 LB/SQ YD
SAND FOR BLOTTER	5.0 LB/SQ YD
TRAFFIC LANES	
CRUSHED STONE BASE	4" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	6" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH
SHOULDERS	
CRUSHED STONE BASE	FULL DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH

APPROACH ROAD TYPE 2 PAVEMENT SCHEDULE

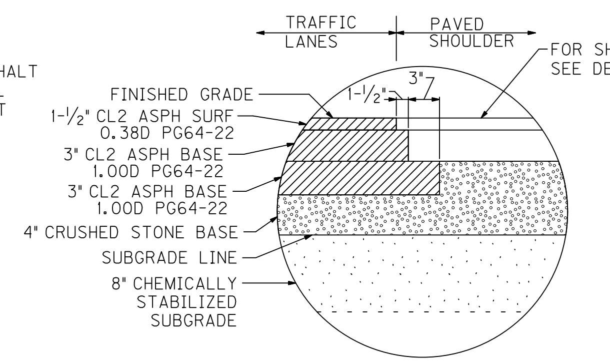
ROCK ROADBED PREPARATION	
ROCK ROADBED	24" DEPTH
FABRIC-GEOTEXTILE TYPE IV (at top)	SQ YD
HIGH STRENGTH GEOTEXTILE FABRIC TYPE V (at bottom)	SQ YD
TRAFFIC LANES	
CRUSHED STONE BASE	4" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	6" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH
SHOULDERS	
CRUSHED STONE BASE	FULL DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH



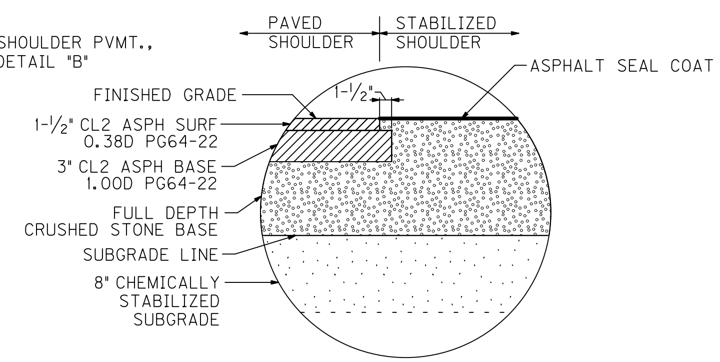
DETAIL "A"
N.T.S.
TRAFFIC LANE PAVEMENT



DETAIL "B"
N.T.S.
SHOULDER PAVEMENT



DETAIL "C"
N.T.S.
TRAFFIC LANE PAVEMENT



DETAIL "D"
N.T.S.
SHOULDER PAVEMENT

0' 5' 10' 20'

SCALE: 1"=5'

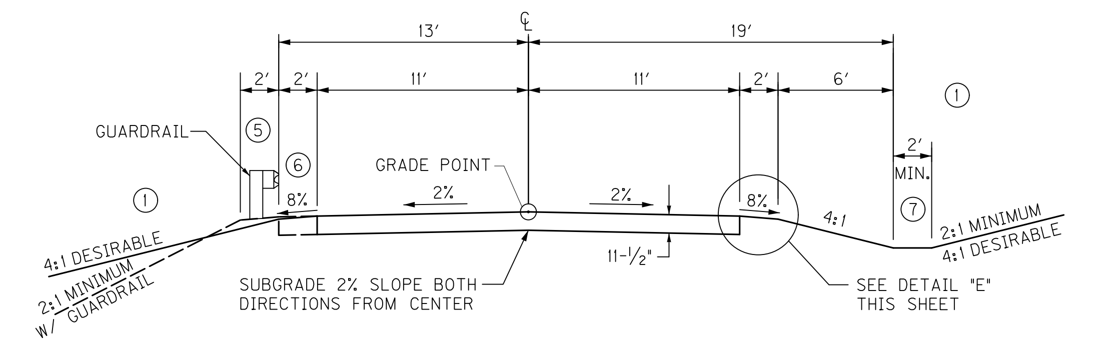
TYPICAL SECTIONS
KY 52 RELOCATION
APPROACH ROADS

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\TYPICAL SECTIONS\R002CTS.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

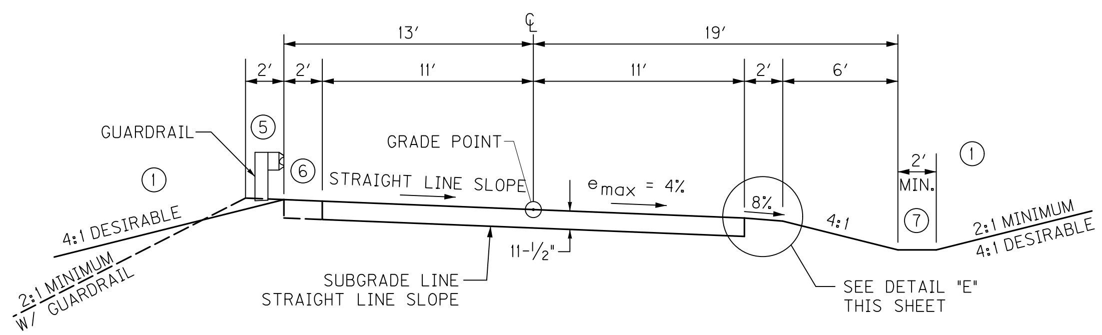
TYPICAL SECTIONS

CONNECTOR ROAD SECTIONS

KY 52 CONN. NO. 1, KY 52 CONN. NO. 2, KY 52 CONN. NO. 4



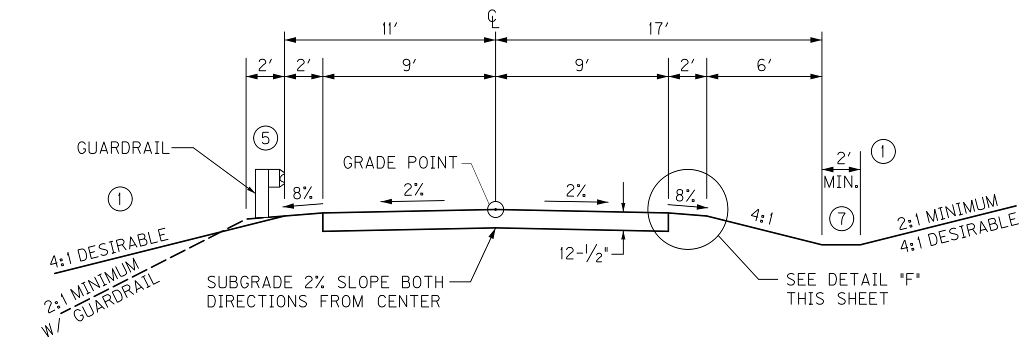
NORMAL FILL / CUT SECTION



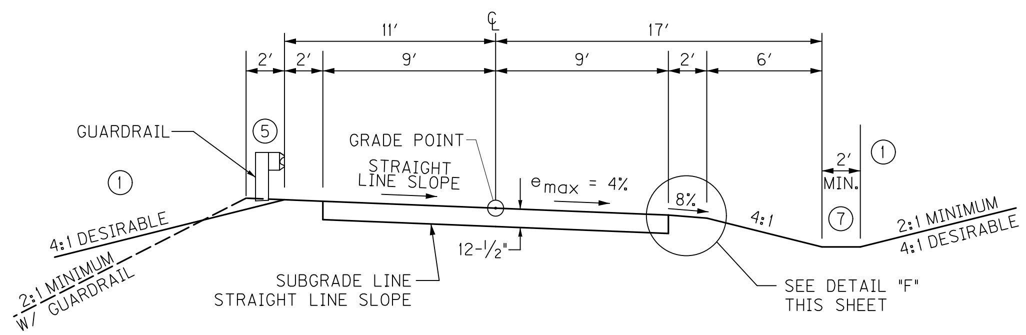
SUPERELEVATION FILL / CUT SECTION

LOCAL ACCESS ROAD SECTIONS

ELK GARDEN BRANCH, PEYTONTOWN ROAD WEST, MASON ROAD, PEYTONTOWN ROAD EAST



NORMAL FILL / CUT SECTION



SUPERELEVATION FILL / CUT SECTION

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 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 (2 APPLICATIONS) — ASPHALT SEAL COAT @ 2.40 LBS./S.Y. ASPHALT SEAL AGGREGATE @ 20 LBS./S.Y. (CRUSHED AGGREGATE SIZE NO.8 OR 9M)

5. SHOULDERS SHALL BE WIDENED 2′ WHERE GUARDRAIL IS TO BE INSTALLED.
6. SHOULDERS ARE TO BE PAVED TO THE FACE OF GUARDRAIL
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-AND-A-HALF (1.5) FEET.
8. ASPHALT MATERIAL FOR TACK TO BE APPLIED BETWEEN EACH LAYER OF ASPHALT.

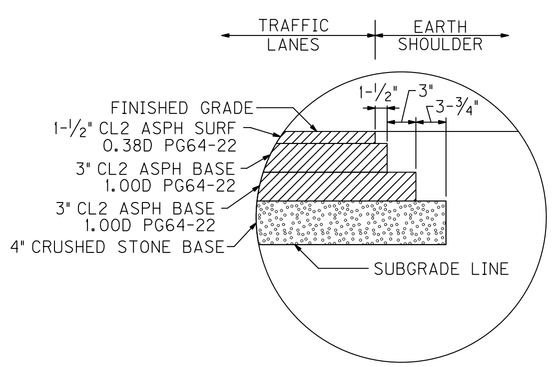
   ASPHALT TACK COAT — ESTIMATED AT 0.84 LBS./S.Y. (0.10 GAL./S.Y.) BETWEEN EACH ASPHALT COURSE

CONNECTOR ROAD PAVEMENT SCHEDULE

TRAFFIC LANES	
CRUSHED STONE BASE	4" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	6" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH

LOCAL ACCESS ROAD PAVEMENT SCHEDULE

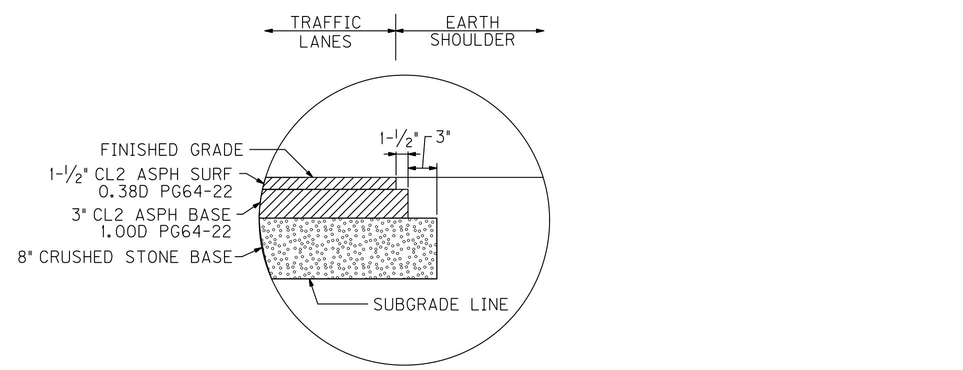
TRAFFIC LANES	
CRUSHED STONE BASE	8" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH



DETAIL "E"

N.T.S.

CONNECTOR ROAD
TRAFFIC LANE PAVEMENT AND SHOULDER



DETAIL "F"

N.T.S.

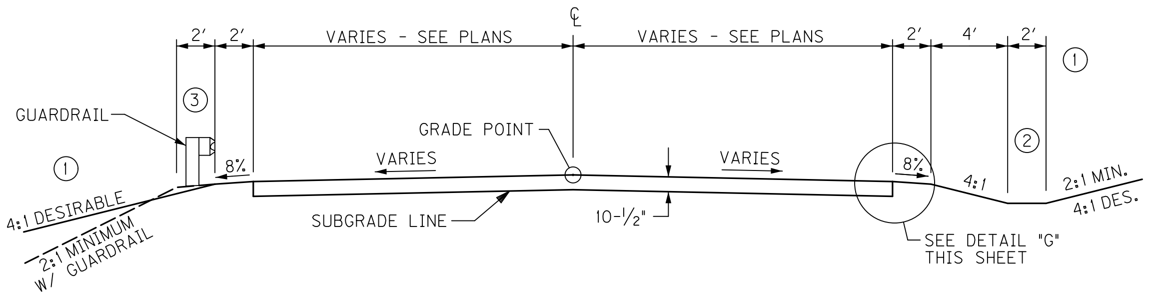
LOCAL ACCESS ROAD
TRAFFIC LANE PAVEMENT AND SHOULDER

0′ 5′ 10′ 20′

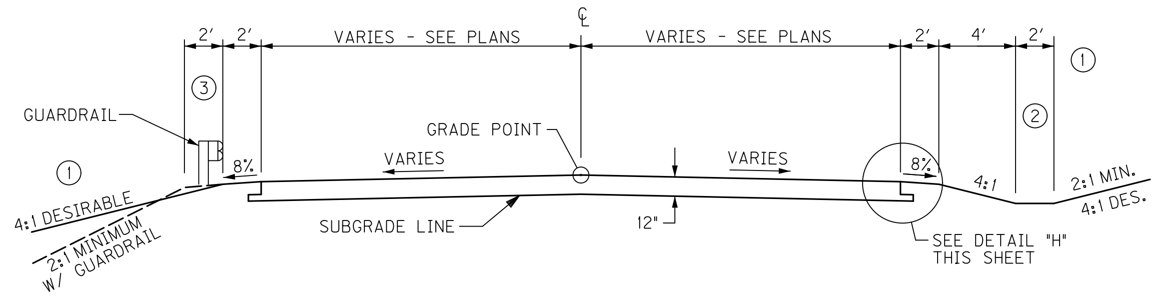
SCALE: 1"=5′

TYPICAL SECTIONS

RIGHT OF WAY PLANS	COUNTY OF	ITEM NO.	SHEET NO.
	MADISON	7-235.00	R002E



RESIDENTIAL /COMMERCIAL ENTRANCE SECTION

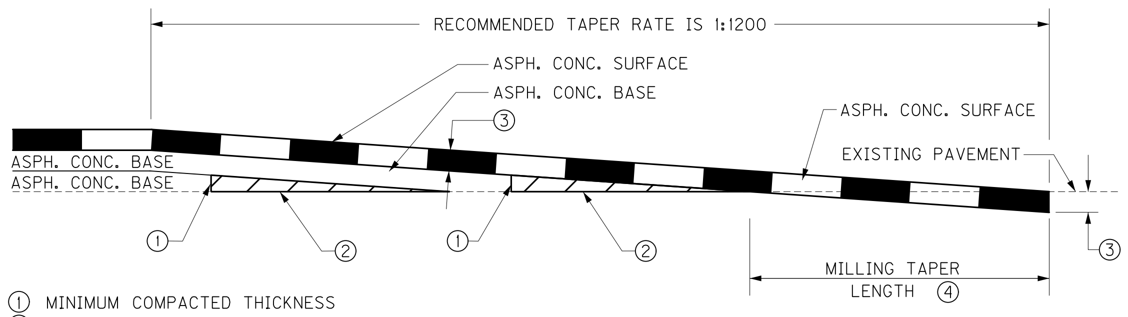


CONCRETE ENTRANCE SECTION

NOTES

1. SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS AND BORDERS.
2. 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-AND-A-HALF (1.5) FEET.
3. SHOULDERS SHALL BE WIDENED 2' WHERE GUARDRAIL IS TO BE INSTALLED.
4. ASPHALT MATERIAL FOR TACK TO BE APPLIED BETWEEN EACH LAYER OF ASPHALT.

   ASPHALT TACK COAT —— ESTIMATED AT 0.84 LBS./S.Y. (0.10 GAL./S.Y.) BETWEEN EACH ASPHALT COURSE
5. THE EDGES OF ENTRANCE PAVEMENT RADII AT ROADWAY SHOULDERS ARE 25' UNLESS LABELED OTHERWISE.

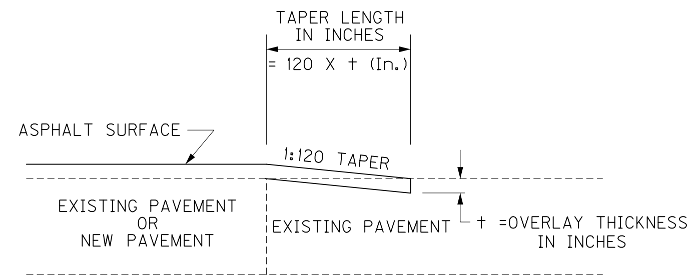


1. MINIMUM COMPACTED THICKNESS
2. ASPHALT MIXTURE FOR LEVELING AND WEDGING OR NEXT COURSE OF ASPHALT MIXTURE.
3. ASPHALT SURFACE THICKNESS (FULL DEPTH)
4. MILL EXISTING PAVEMENT TO RECEIVE ASPHALT SURFACE FULL DEPTH (EDGE KEY).

TAPER LENGTH (ft) = $\frac{\text{t (in) x TAPER RATE}}{12}$

FOR A TAPER RATE OF 1:1200
TAPER LENGTH = 125 FEET WHEN t = 1.25 inches
TAPER LENGTH = 150 FEET WHEN T = 1.50 inches

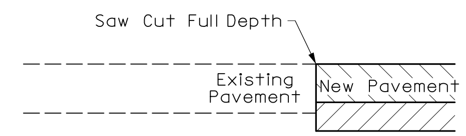
TAPERING OF OVERLAYS ON HIGH SPEED FACILITIES (≥45 MPH)



TAPERING OF OVERLAYS ON LOW SPEED FACILITIES (<45 MPH)

RES./COMM. ENTRANCE PAVEMENT SCHEDULE	
CRUSHED STONE BASE	6" DEPTH
CL2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH

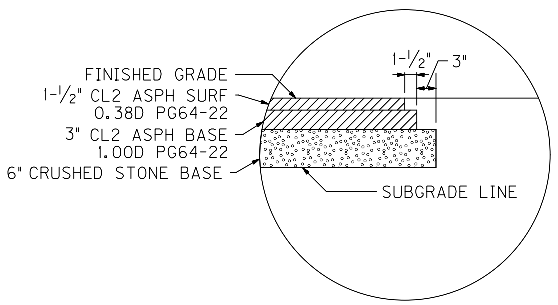
CONCRETE ENTRANCE PAVEMENT SCHEDULE	
CRUSHED STONE BASE	4" DEPTH
RIGID PCC	8" DEPTH



PAVEMENT REPLACEMENT DETAIL

N.T.S.

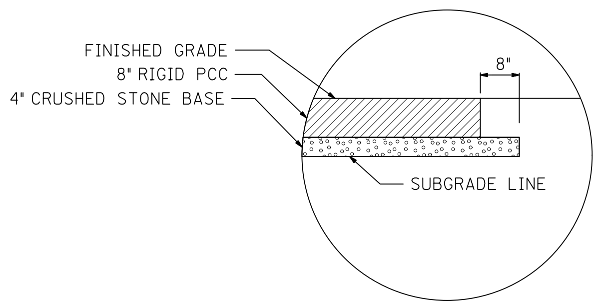
Work for pavement replacement shall include cutting out the existing asphalt a depth sufficient for new pavement. This work including any required sawcutting of the existing pavement shall be incidental to construction of the entrance.



DETAIL "G"

N.T.S.

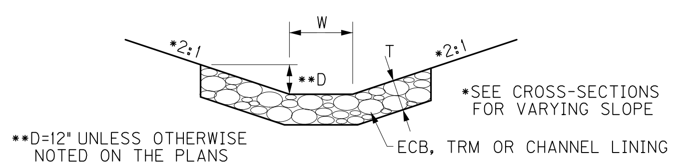
RESIDENTIAL /COMMERCIAL ENTRANCE PAVEMENT



DETAIL "H"

N.T.S.

CONCRETE ENTRANCE PAVEMENT



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 2-1/4 cubic feet. The Department will allow stones of smaller sizes for filling voids in the upper surface and dressing to the proper slope.

PARTIALLY GROUTED RIPRAP

Partially Grouted Riprap, as described in DR 504-7, aims to increase the stability of the riprap without sacrificing its flexibility. The bid items for the construction of partially grouted riprap include Concrete Class B and Channel Lining. The quantity of Concrete Class B is estimated at 20% of the top 1' of the area to be grouted.

0' 5' 10' 20'
SCALE: 1"=5'

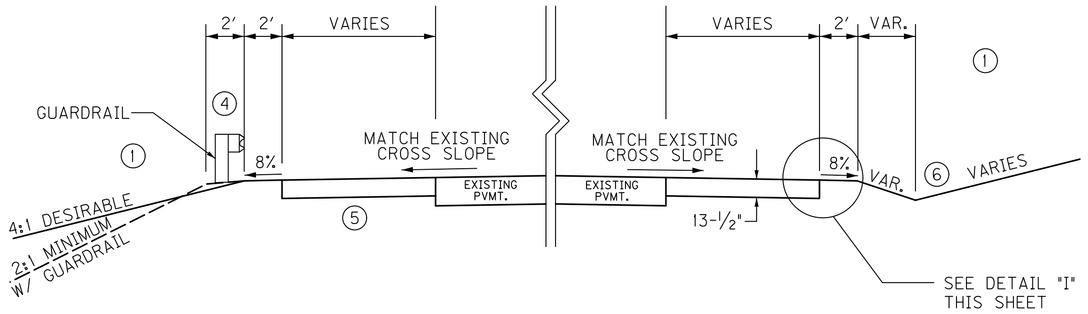
TYPICAL SECTIONS
KY 52 RELOCATION
ENTRANCES AND DETAILS

MicroStation v8.11.7.443 | E-SHEET NAME: | USER: sellis DATE PLOTTED: July 17, 2018 | FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\TYPICAL SECTIONS\R002ETS.DGN

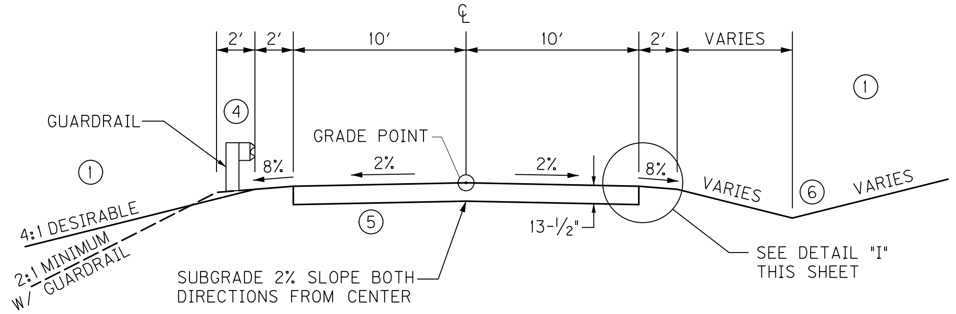
TYPICAL SECTIONS

RIGHT OF WAY PLANS

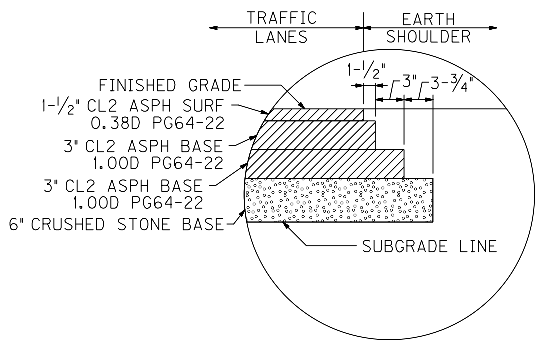
COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R002F



TEMPORARY WIDENING FILL / CUT SECTION



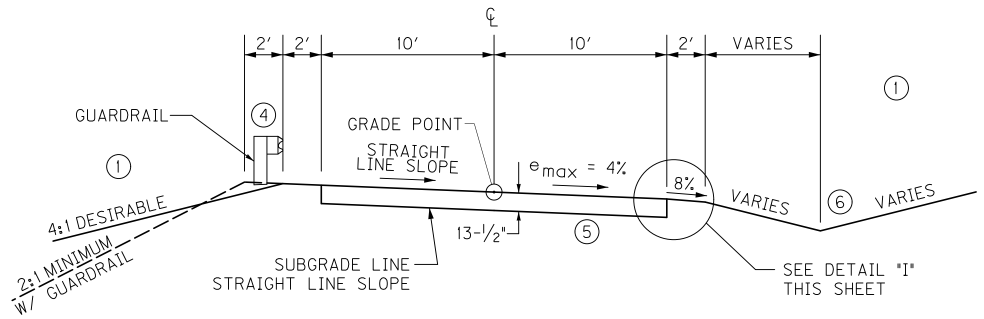
DIVERSION NORMAL FILL / CUT SECTION



DETAIL "I"

N.T.S.

TEMPORARY WIDENING AND DIVERSION TRAFFIC LANE PAVEMENT



DIVERSION SUPERELEVATION FILL / CUT SECTION

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. SHOULDERS SHALL BE WIDENED 2' WHERE GUARDRAIL IS TO BE INSTALLED.
5. 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.
6. SEE PLANS FOR CHANNEL LINING REQUIREMENTS
7. ASPHALT MATERIAL FOR TACK TO BE APPLIED BETWEEN EACH LAYER OF ASPHALT.

ASPHALT TACK COAT — ESTIMATED AT 0.84 LBS./S.Y. (0.10 GAL./S.Y.) BETWEEN EACH ASPHALT COURSE

PAVEMENT SCHEDULE

DIVERSION	
CRUSHED STONE BASE	6" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH
TEMPORARY WIDENING	
CRUSHED STONE BASE	6" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH BASE 1.00D PG64-22	3" DEPTH
CL 2 ASPH SURF 0.38D PG64-22	1-1/2" DEPTH

0' 5' 10' 20'

SCALE: 1"=5'

TYPICAL SECTIONS
KY 52 RELOCATION
TEMPORARY CONSTRUCTION

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\TYPICAL SECTIONS\R002OFTS.DGN

USER: sellis
DATE PLOTTED: July 17, 2018

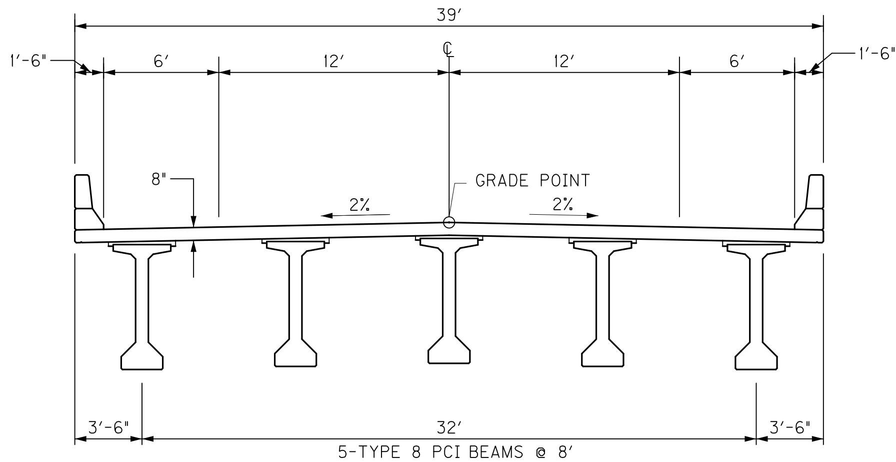
E-SHEET NAME:

MicroStation v8.11.7.443

TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R002G

RIGHT OF WAY PLANS



PROPOSED 2-LANE BRIDGE TYPICAL

SILVER CREEK

0' 5' 10' 20'

SCALE: 1"=5"

TYPICAL SECTIONS
KY 52 RELOCATION
SILVER CREEK BRIDGE

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\TYPICAL SECTIONS\R002GTS.DGN

USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

RIGHT OF WAY PLANS

CONVENTIONAL SIGNS

- SURVEY LINE
- GRADE LINE (400' V.C.)
- GROUND LINE
- COUNTY LINE
- CORPORATE LIMITS
- EXIST. PROPERTY LINE
- EXIST. RIGHT OF WAY & PROPERTY LINE
- PROPOSED RIGHT OF WAY
- RIGHT OF WAY MONUMENT
- BENCH MARK (B.M. NO.4)
- EXISTING R/W MARKER
- RIGHT OF WAY MONUMENT EXISTING/PROPOSED
- UTILITY TEST HOLE (TH)
- EXISTING ROAD
- RAILROAD
- FENCE (CONTROLLED ACCESS)
- FENCE (EXCEPT STONE AND HEDGE)
- TREE LINE
- TREES
- PIPE CULVERT
- CULVERT
- BRIDGE
- BUILDINGS (1-S FRAME, 1-S BRICK, SHED, 2-S BRICK)
- GUARDRAIL (END TREATMENT, GUARDRAIL, TERMINAL SECTION)

EXISTING / PROPOSED

- LIGHTING POLE
- POWER POLE
- JOINT POWER & TELEPHONE POLE
- TELEPHONE & TELEGRAPH POLE
- ANCHOR, POWER OR TELEPHONE
- STUB POWER
- STUB TELEPHONE
- WATER MAIN (WM; 6" WM)
- GAS MAIN (GM; 6" GM)
- TELEPHONE DUCT (T)
- ELECTRIC DUCT (E)
- DIRECT BURIAL TV CABLE (TV)
- SANITARY SEWER (WITH MANHOLE) (SAN)
- STORM SEWER (WITH MANHOLE) (STORM)
- DIRECT BURIAL ELECTRIC CABLE (E)
- DIRECT BURIAL TELEPHONE CABLE (T)
- OVERHEAD WIRE
- TRAFFIC LIGHTS
- ELECTRIC MANHOLE (EMH)
- TELEPHONE MANHOLE (TMH)
- STONE FENCE
- HEDGE FENCE
- SWAMP OR MARSH
- SPRINGS
- SINKHOLE
- QUARRY SITE
- BLUE LINE STREAM
- INTERMITTENT STREAM OR DITCH
- LAKES OR PONDS
- REGULATED FLOODWAY
- NORTH POINT

NOTES:

1. EXISTING PIPES AND DRAINAGE STRUCTURES THAT ARE NOT TO BE UTILIZED AND LOCATED WITHIN THE DISTURBED LIMITS, SHALL BE REMOVED. THEIR REMOVAL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. IF THESE ITEMS ARE LOCATED OUTSIDE THE DISTURBED LIMITS, THEIR REMOVAL SHALL BE PAID AS QUANTIFIED ON THESE PLAN SHEETS.

2. SEE PERFORATED PIPE UNDERDRAIN SYSTEM SUMMARY FOR UNDERDRAIN SYSTEM PIPE SIZES AND TYPE.

3. FOR PROPOSED DRAINAGE STRUCTURE ELEVATIONS, SEE THE PIPE DRAINAGE PROFILE SHEETS.

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIALS.

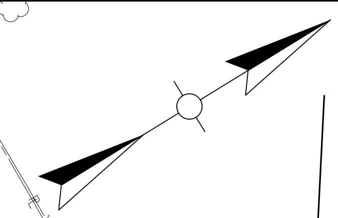
R/W MONUMENT - TYPE 1
LT. STA. 100+40 TO STA. 110+00, CONST. 1

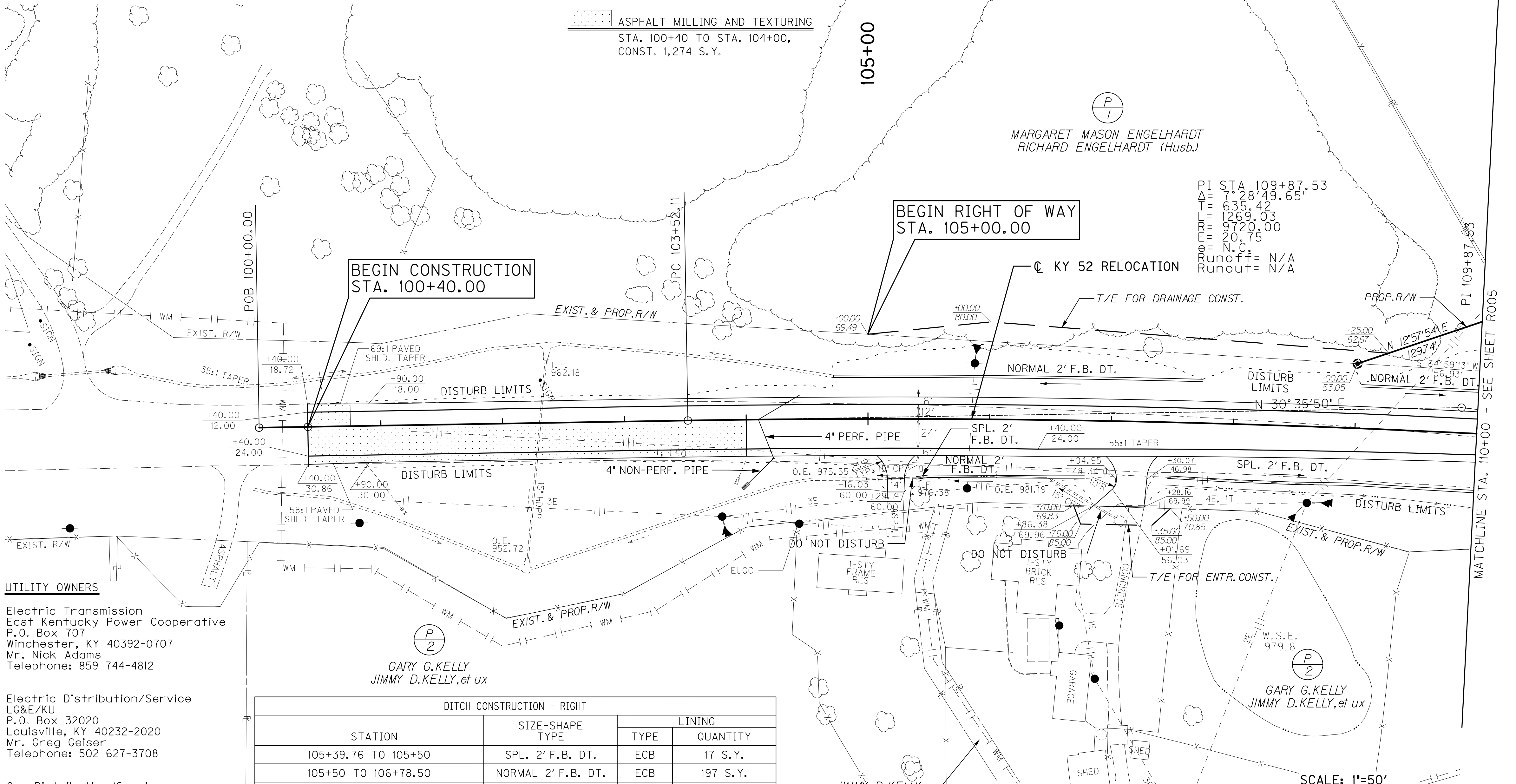
EDGE KEY
STA. 100+40.00 - 50 L.F.

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
104+72 TO 107+74	NORMAL 2' F.B. DT.	ECB	583 S.Y.
109+04 TO 110+00	NORMAL 2' F.B. DT.	ECB	170 S.Y.

ASPHALT MILLING AND TEXTURING
STA. 100+40 TO STA. 104+00, CONST. 1,274 S.Y.





UTILITY OWNERS

Electric Transmission
East Kentucky Power Cooperative
P.O. Box 707
Winchester, KY 40392-0707
Mr. Nick Adams
Telephone: 859 744-4812

Electric Distribution/Service
LG&E/KU
P.O. Box 32020
Louisville, KY 40232-2020
Mr. Greg Geiser
Telephone: 502 627-3708

Gas Distribution/Service
Delta Natural Gas Company, Inc.
3617 Lexington Road
Winchester, KY 40391
Mr. Robert Nellipowitz
Telephone: 859 744-6171 Ext. 1167

Water Distribution/Service
Kirksville Water Association
297 Michelle Drive
Richmond, KY 40475
Mr. Bobby Powell
Telephone: 859 624-1735

Telephone
AT&T Kentucky
Mr. Frank A. Ambrose
Telephone: 502 867-8240

Windstream Communications
130 West New Circle Road Suite 170
Lexington, KY 40505
Mr. Gene Dunn
Telephone: 859 357-6216

DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
105+39.76 TO 105+50	SPL. 2' F.B. DT.	ECB	17 S.Y.
105+50 TO 106+78.50	NORMAL 2' F.B. DT.	ECB	197 S.Y.
107+47.13 TO 110+00	SPL. 2' F.B. DT.	ECB	413 S.Y.

ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	CEM. CON. ENT. PVMT. 8" (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	X	105+23	RESIDENTIAL	14'	58	-	5	10	22	-	-
-	X	107+15	RESIDENTIAL	25'	142	142	-	-	36	-	-

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.

PAVEMENT TRANSITION
RT. STA. 106+40, BEGIN PAVEMENT TRANSITION FROM 24' TO 12'

0' 50' 100' 200'

DESIGNED BY:
DATE SUBMITTED:

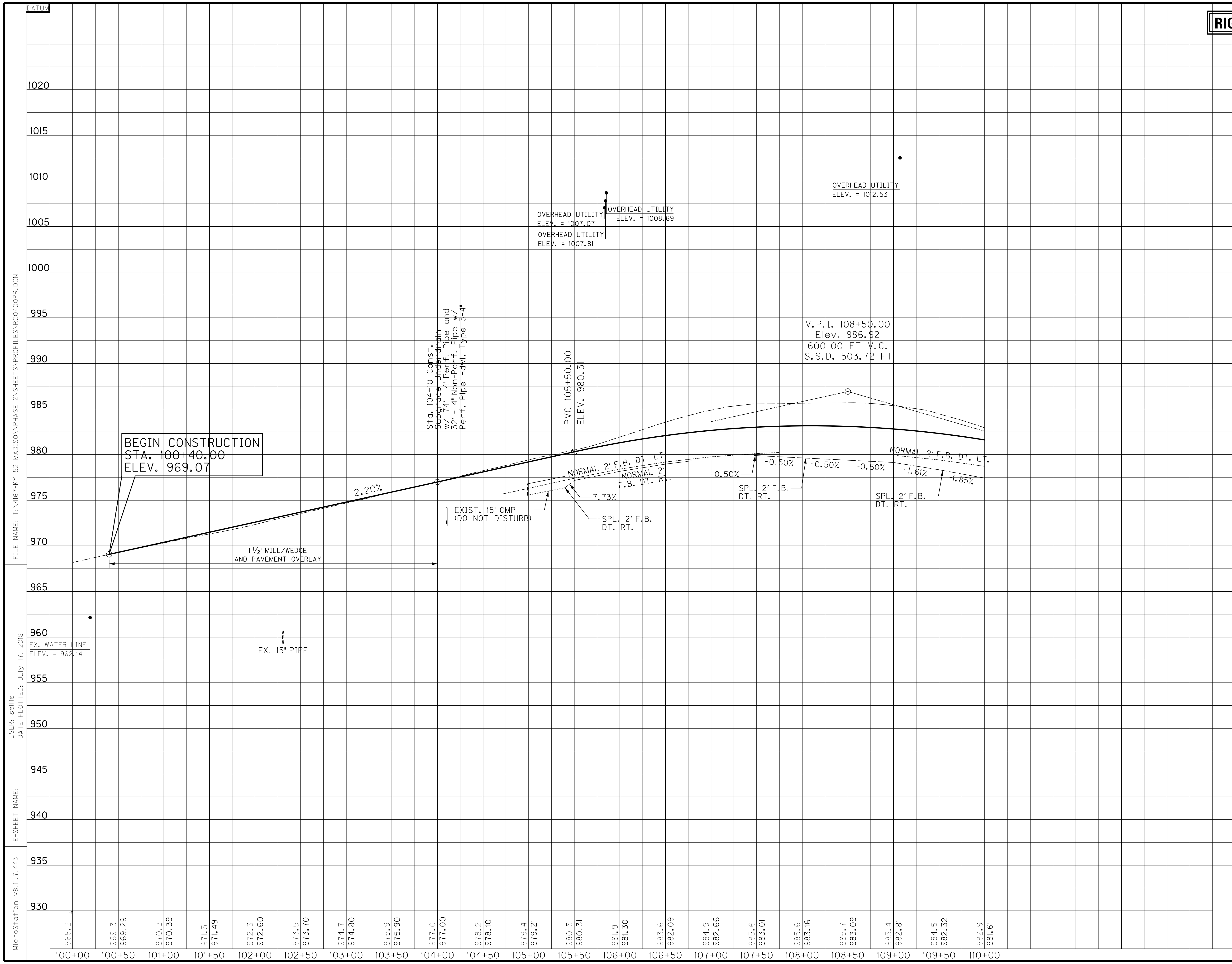
Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
MADISON

PROJECT NUMBERS: KY 52 RELOCATION
FD04 076 0052 001-007

PLAN SHEET
KY 52 RELOCATION
STA. 100+40 TO STA. 110+00

MicroStation v8.11.7.443
E-SHEET NAME:
USER: sellis
DATE PLOTTED: July 23, 2018
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R00300PL.DGN

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R004



FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R0040OPR.DGN

USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

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

PROFILE SHEET
KY 52 RELOCATION
STA. 100+40 TO STA. 110+00

RIGHT OF WAY CALLS

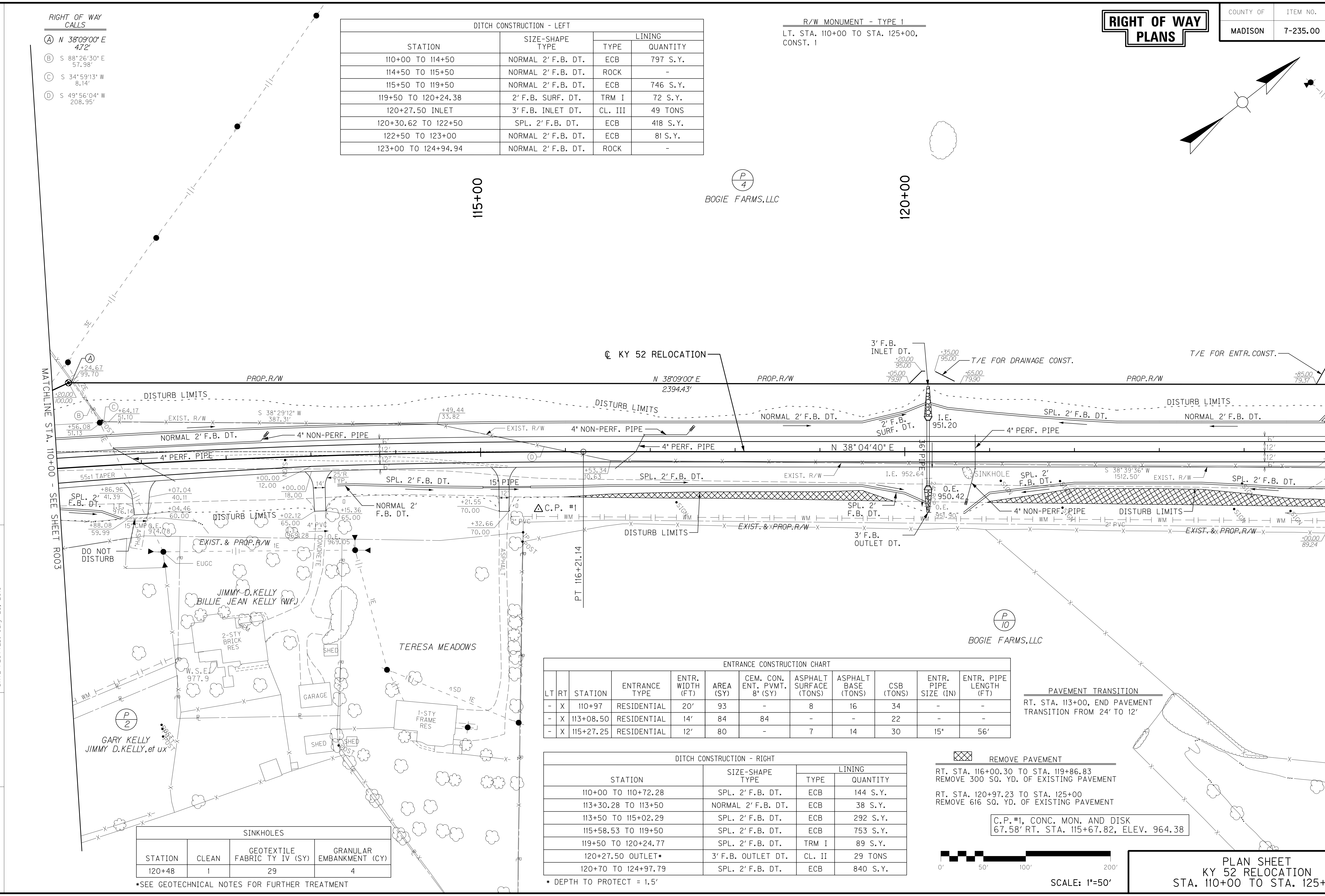
- (A) N 38°09'00" E 4.72'
- (B) S 88°26'30" E 57.98'
- (C) S 34°59'13" W 8.14'
- (D) S 49°56'04" W 208.95'

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
110+00 TO 114+50	NORMAL 2' F.B. DT.	ECB	797 S.Y.
114+50 TO 115+50	NORMAL 2' F.B. DT.	ROCK	-
115+50 TO 119+50	NORMAL 2' F.B. DT.	ECB	746 S.Y.
119+50 TO 120+24.38	2' F.B. SURF. DT.	TRM I	72 S.Y.
120+27.50 INLET	3' F.B. INLET DT.	CL. III	49 TONS
120+30.62 TO 122+50	SPL. 2' F.B. DT.	ECB	418 S.Y.
122+50 TO 123+00	NORMAL 2' F.B. DT.	ECB	81 S.Y.
123+00 TO 124+94.94	NORMAL 2' F.B. DT.	ROCK	-

R/W MONUMENT - TYPE 1

LT. STA. 110+00 TO STA. 125+00, CONST. 1



ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	CEM. CON. ENT. PVMT. 8" (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	X	110+97	RESIDENTIAL	20'	93	-	8	16	34	-	-
-	X	113+08.50	RESIDENTIAL	14'	84	84	-	-	22	-	-
-	X	115+27.25	RESIDENTIAL	12'	80	-	7	14	30	15"	56'

PAVEMENT TRANSITION

RT. STA. 113+00, END PAVEMENT TRANSITION FROM 24' TO 12'

DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
110+00 TO 110+72.28	SPL. 2' F.B. DT.	ECB	144 S.Y.
113+30.28 TO 113+50	NORMAL 2' F.B. DT.	ECB	38 S.Y.
113+50 TO 115+02.29	SPL. 2' F.B. DT.	ECB	292 S.Y.
115+58.53 TO 119+50	SPL. 2' F.B. DT.	ECB	753 S.Y.
119+50 TO 120+24.77	SPL. 2' F.B. DT.	TRM I	89 S.Y.
120+27.50 OUTLET*	3' F.B. OUTLET DT.	CL. II	29 TONS
120+70 TO 124+97.79	SPL. 2' F.B. DT.	ECB	840 S.Y.

* DEPTH TO PROTECT = 1.5'

REMOVE PAVEMENT

RT. STA. 116+00.30 TO STA. 119+86.83
REMOVE 300 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 120+97.23 TO STA. 125+00
REMOVE 616 SQ. YD. OF EXISTING PAVEMENT

C.P. #1, CONC. MON. AND DISK
67.58' RT. STA. 115+67.82, ELEV. 964.38

SINKHOLES

STATION	CLEAN	GEOTEXTILE FABRIC TY IV (SY)	GRANULAR EMBANKMENT (CY)
120+48	1	29	4

*SEE GEOTECHNICAL NOTES FOR FURTHER TREATMENT

0' 50' 100' 200'

SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 110+00 TO STA. 125+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R005OOPL.DGN

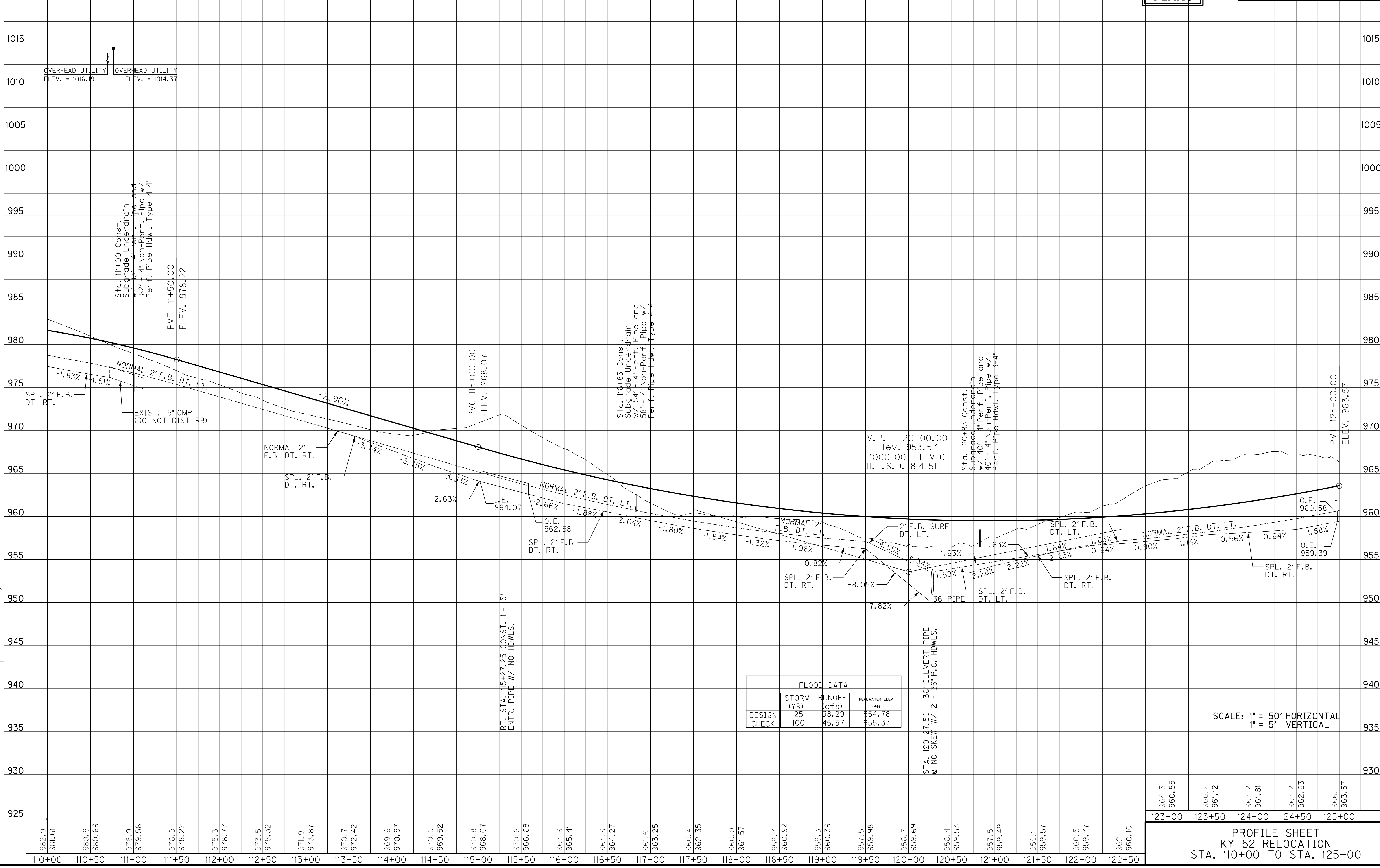
USER: efister
DATE PLOTTED: July 23, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R006



FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	38.29	954.78
CHECK	100	45.57	955.37

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

PROFILE SHEET
KY 52 RELOCATION
STA. 110+00 TO STA. 125+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R00600PR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
ENTR. 125+26 LT. - DITCH RT.	SPL. 2' F.B. DT.	TRM I	82 S.Y.
ENTR. 125+26 LT. - DITCH LT.	SPL. 2' F.B. DT.	TRM I	79 S.Y.
125+51.94 TO 127+00	NORMAL 2' F.B. DT.	ECB	239 S.Y.
127+00 TO 127+89.39	2' F.B. SURF. DT.	ECB	121 S.Y.
127+92.50 INLET	2' F.B. INLET DT.	CL. III	31 TONS
127+95.62 TO 130+50	SPL. 2' F.B. DT.	ECB	428 S.Y.
130+50 TO 134+00	NORMAL 2' F.B. DT.	ECB	581 S.Y.
134+00 TO 136+50	NORMAL 2' F.B. DT.	TRM I	303 S.Y.
136+50 TO 138+18.93	SPL. 2' F.B. DT.	TRM I	210 S.Y.
139+50 TO 139+90.98	SPL. 2' F.B. DT.	TRM I	48 S.Y.
139+57.00 OUTLET•	10' F.B. OUTLET DT.	CL. III	105 TONS

• DEPTH TO PROTECT = 3.5'

ENTRANCE CONSTRUCTION CHART										
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	125+26	RESIDENTIAL	12'	129	11	22	48	15"	57'
-	X	125+26	RESIDENTIAL	12'	115	10	19	43	15"	52'
-	X	131+04	RESIDENTIAL	12'	121	10	20	45	15"	52'
X	-	138+65	RESIDENTIAL	12'	168	14	28	61	15"	149'

RIGHT OF WAY CALLS

- (A) N 37°30'07" E 80.45'
- (B) N 70°32'10" E 48.77'
- (C) RADIUS = 1185.00' ARC LENGTH = 0.95' CHORD LENGTH = 0.95' BEARING = S 20°10'13" W
- (D) RADIUS = 2432.92' ARC LENGTH = 123.80' CHORD LENGTH = 123.78' BEARING = S 15°23'36" W
- (E) RADIUS = 785.00' ARC LENGTH = 465.81' CHORD LENGTH = 459.01' BEARING = S 55°39'34" W
- (F) N 2°02'46" E 45.89'
- (G) RADIUS = 385.00' ARC LENGTH = 52.78' CHORD LENGTH = 52.74' BEARING = N 16°15'58" E
- (H) N 20°11'36" E 64.19'
- (I) RADIUS = 1215.00' ARC LENGTH = 25.60' CHORD LENGTH = 25.60' BEARING = N 19°35'22" E
- (J) N 70°32'10" E 81.62'
- (K) RADIUS = 785.00' ARC LENGTH = 83.29' CHORD LENGTH = 83.25' BEARING = S 79°04'47" W
- (L) S 20°11'36" W 64.19'
- (M) N 84°01'53" W 52.80'
- (N) N 35°07'46" W 69.92'
- (O) S 69°58'05" W 34.57'
- (P) S 0°35'15" W 45.87'
- (Q) RADIUS = 715.00' ARC LENGTH = 79.11' CHORD LENGTH = 79.07' BEARING = N 79°11'23" E
- (R) N 82°08'35" E 207.54'

R/W MONUMENT - TYPE 1

LT. STA. 125+00 TO STA. 140+00, CONST. 4

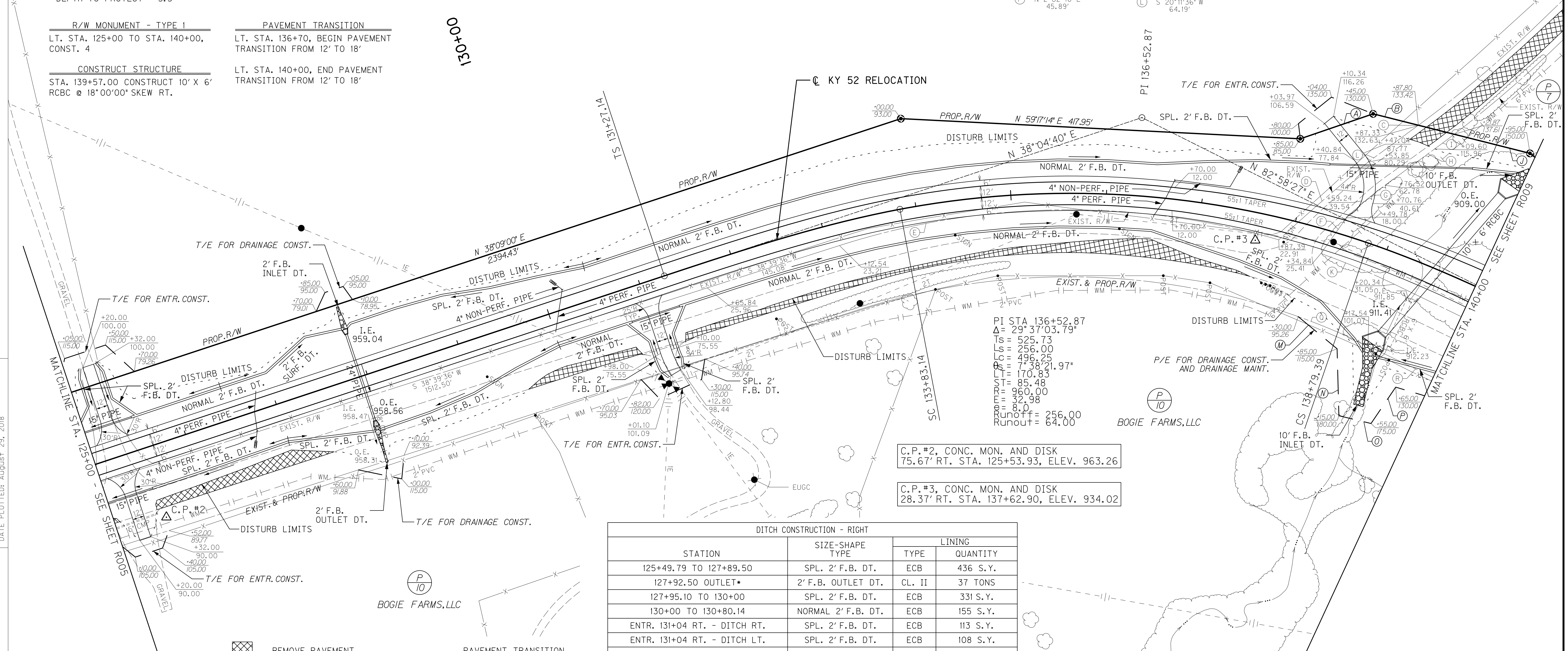
CONSTRUCT STRUCTURE

STA. 139+57.00 CONSTRUCT 10' X 6' RCBC @ 18°00'00" SKEW RT.

PAVEMENT TRANSITION

LT. STA. 136+70, BEGIN PAVEMENT TRANSITION FROM 12' TO 18'

LT. STA. 140+00, END PAVEMENT TRANSITION FROM 12' TO 18'



C.P. #2, CONC. MON. AND DISK 75.67' RT. STA. 125+53.93, ELEV. 963.26

C.P. #3, CONC. MON. AND DISK 28.37' RT. STA. 137+62.90, ELEV. 934.02

REMOVE PAVEMENT

RT. STA. 125+00 TO STA. 125+06.40 REMOVE 3 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 125+46.86 TO STA. 127+41.72 REMOVE 239 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 129+55.30 TO STA. 130+80.04 REMOVE 118 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 131+26.78 TO STA. 137+65.36 REMOVE 538 SQ. YD. OF EXISTING PAVEMENT

PAVEMENT TRANSITION

RT. STA. 136+70, BEGIN PAVEMENT TRANSITION FROM 12' TO 18'

RT. STA. 140+00, END PAVEMENT TRANSITION FROM 12' TO 18'

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
125+49.79 TO 127+89.50	SPL. 2' F.B. DT.	ECB	436 S.Y.
127+92.50 OUTLET•	2' F.B. OUTLET DT.	CL. II	37 TONS
127+95.10 TO 130+00	SPL. 2' F.B. DT.	ECB	331 S.Y.
130+00 TO 130+80.14	NORMAL 2' F.B. DT.	ECB	155 S.Y.
ENTR. 131+04 RT. - DITCH RT.	SPL. 2' F.B. DT.	ECB	113 S.Y.
ENTR. 131+04 RT. - DITCH LT.	SPL. 2' F.B. DT.	ECB	108 S.Y.
131+32.14 TO 132+50	NORMAL 2' F.B. DT.	ECB	225 S.Y.
132+50 TO 133+00	NORMAL 2' F.B. DT.	TRM I	67 S.Y.
133+00 TO 135+00	NORMAL 2' F.B. DT.	ROCK	-
135+00 TO 136+50	NORMAL 2' F.B. DT.	TRM I	196 S.Y.
136+50 TO 139+14.04	SPL. 2' F.B. DT.	TRM I	283 S.Y.
139+57.00 INLET••	10' F.B. INLET DT.	CL. II	160 TONS
139+33.91 TO 140+00	SPL. 2' F.B. DT.	TRM I	68 S.Y.

• DEPTH TO PROTECT = 1.5'
•• DEPTH TO PROTECT = 3.5'

REMOVE EXISTING STRUCTURE

RT. STA. 139+40.00 REMOVE EXISTING 6' X 6' RCBC

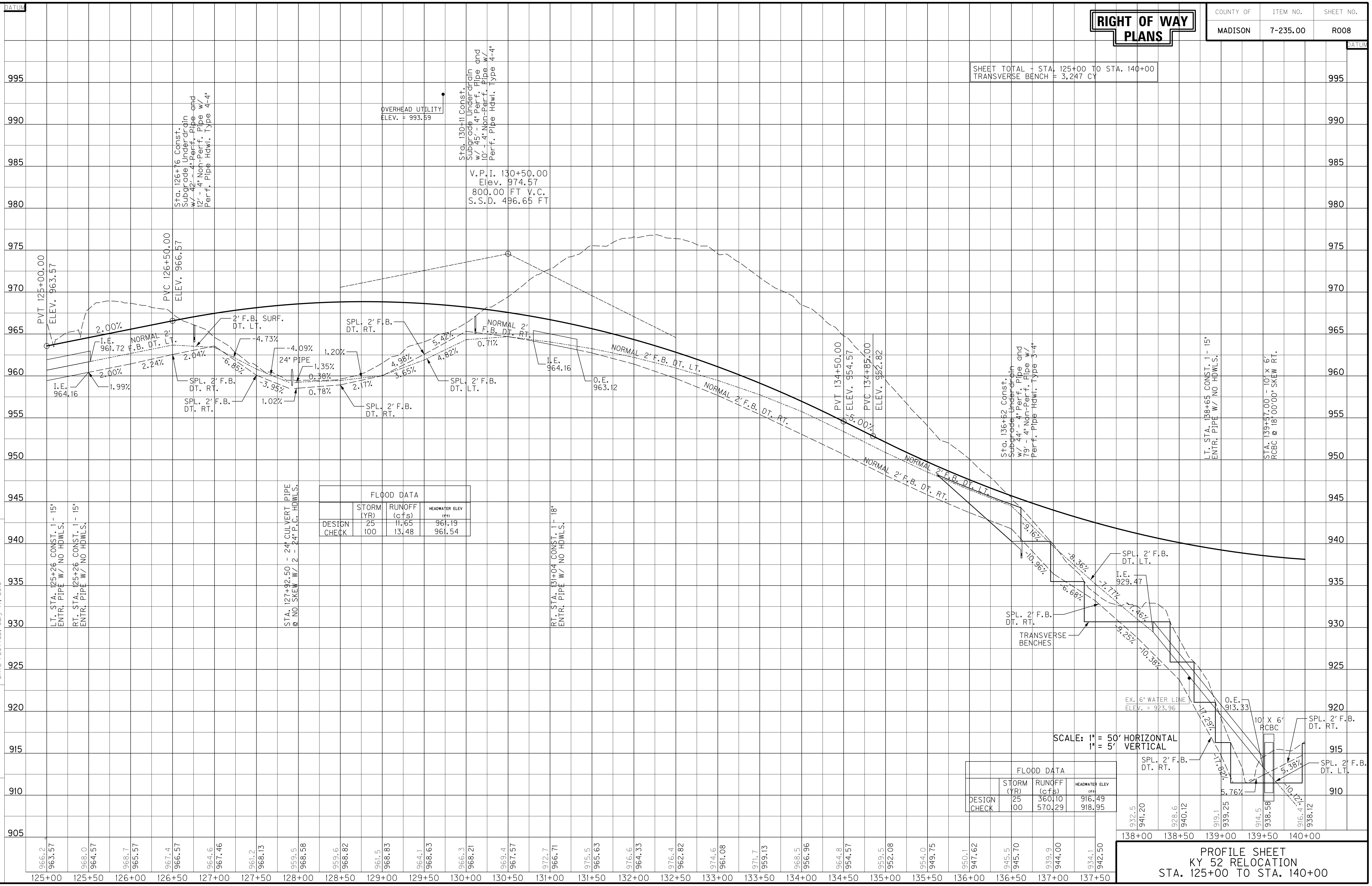
0' 50' 100' 200'

SCALE: 1"=50'

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R007OPL.DGN
USER: sellis
DATE PLOTTED: August 29, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R008



FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	11.65	961.19
CHECK	100	13.48	961.54

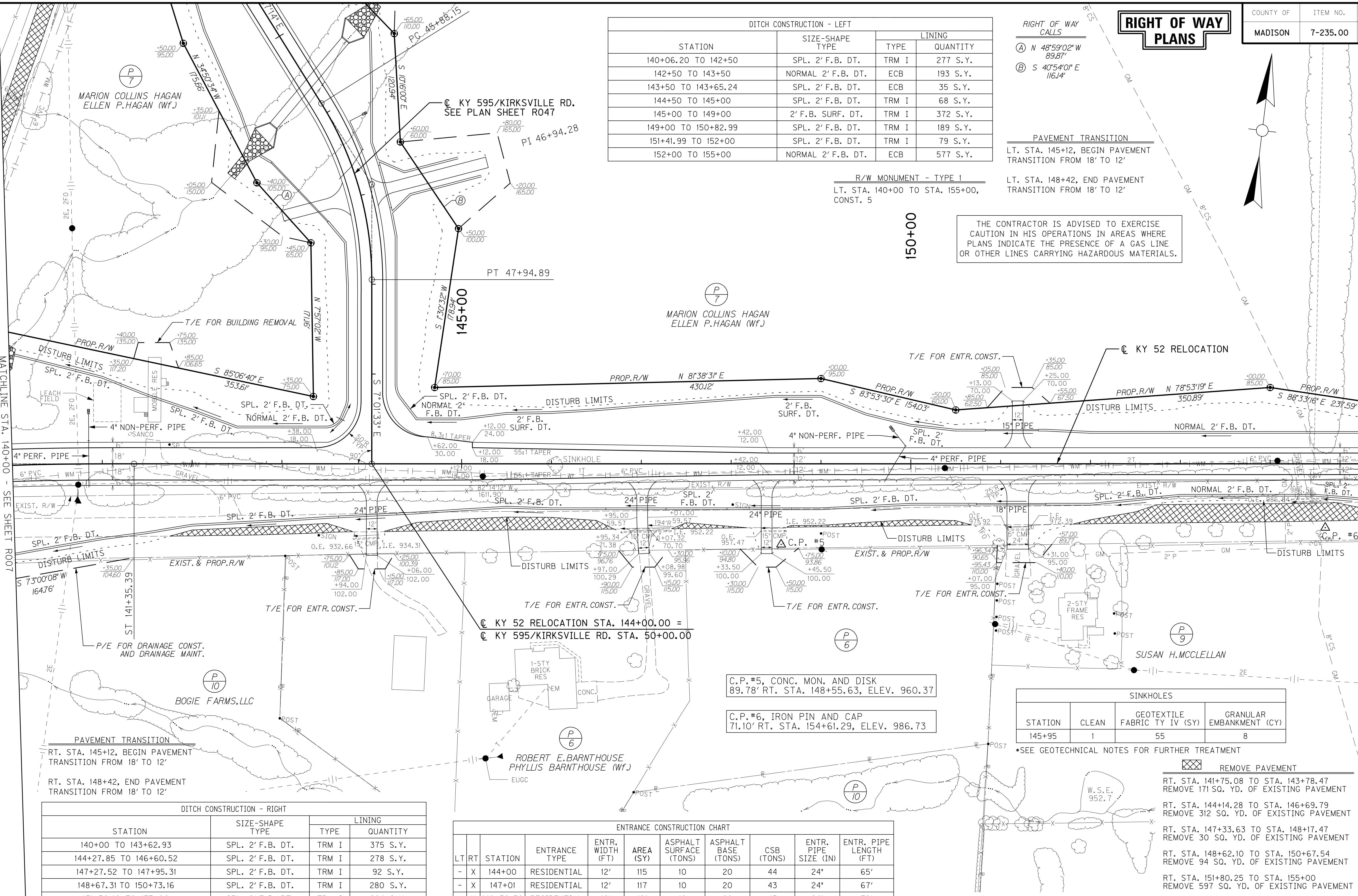
FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	360.10	916.49
CHECK	100	570.29	918.95

PROFILE SHEET
KY 52 RELOCATION
STA. 125+00 TO STA. 140+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R008OPR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS



RIGHT OF WAY CALLS

Ⓐ N 48°59'02" W 89.87'

Ⓑ S 40°54'01" E 116.14'

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
140+06.20 TO 142+50	SPL. 2' F.B. DT.	TRM I	277 S.Y.
142+50 TO 143+50	NORMAL 2' F.B. DT.	ECB	193 S.Y.
143+50 TO 143+65.24	SPL. 2' F.B. DT.	ECB	35 S.Y.
144+50 TO 145+00	SPL. 2' F.B. DT.	TRM I	68 S.Y.
145+00 TO 149+00	2' F.B. SURF. DT.	TRM I	372 S.Y.
149+00 TO 150+82.99	SPL. 2' F.B. DT.	TRM I	189 S.Y.
151+41.99 TO 152+00	SPL. 2' F.B. DT.	TRM I	79 S.Y.
152+00 TO 155+00	NORMAL 2' F.B. DT.	ECB	577 S.Y.

PAVEMENT TRANSITION

LT. STA. 145+12, BEGIN PAVEMENT TRANSITION FROM 18' TO 12'

LT. STA. 148+42, END PAVEMENT TRANSITION FROM 18' TO 12'

R/W MONUMENT - TYPE 1

LT. STA. 140+00 TO STA. 155+00, CONST. 5

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIALS.

C.P.#5, CONC. MON. AND DISK
89.78' RT. STA. 148+55.63, ELEV. 960.37

C.P.#6, IRON PIN AND CAP
71.10' RT. STA. 154+61.29, ELEV. 986.73

SINKHOLES			
STATION	CLEAN	GEOTEXTILE FABRIC TY IV (SY)	GRANULAR EMBANKMENT (CY)
145+95	1	55	8

•SEE GEOTECHNICAL NOTES FOR FURTHER TREATMENT

REMOVE PAVEMENT

RT. STA. 141+75.08 TO STA. 143+78.47
REMOVE 171 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 144+14.28 TO STA. 146+69.79
REMOVE 312 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 147+33.63 TO STA. 148+17.47
REMOVE 30 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 148+62.10 TO STA. 150+67.54
REMOVE 94 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 151+80.25 TO STA. 155+00
REMOVE 597 SQ. YD. OF EXISTING PAVEMENT

PAVEMENT TRANSITION

RT. STA. 145+12, BEGIN PAVEMENT TRANSITION FROM 18' TO 12'

RT. STA. 148+42, END PAVEMENT TRANSITION FROM 18' TO 12'

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
140+00 TO 143+62.93	SPL. 2' F.B. DT.	TRM I	375 S.Y.
144+27.85 TO 146+60.52	SPL. 2' F.B. DT.	TRM I	278 S.Y.
147+27.52 TO 147+95.31	SPL. 2' F.B. DT.	TRM I	92 S.Y.
148+67.31 TO 150+73.16	SPL. 2' F.B. DT.	TRM I	280 S.Y.
151+50.16 TO 153+00	SPL. 2' F.B. DT.	TRM I	204 S.Y.
153+00 TO 154+50	NORMAL 2' F.B. DT.	TRM I	204 S.Y.
154+50 TO 155+00	SPL. 2' F.B. DT.	TRM I	69 S.Y.

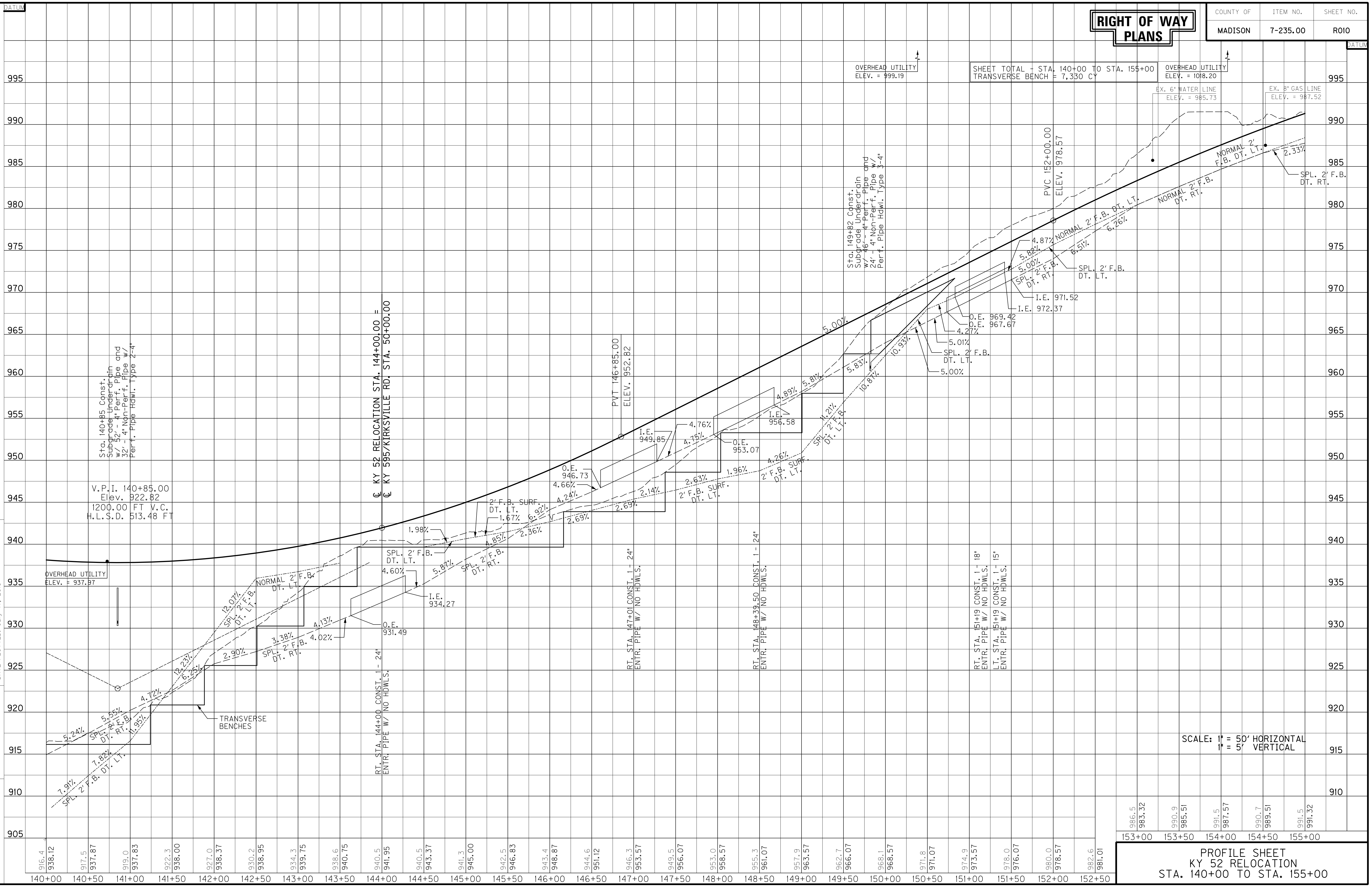
ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	X	144+00	RESIDENTIAL	12'	115	10	20	44	24"	65'
-	X	147+01	RESIDENTIAL	12'	117	10	20	43	24"	67'
-	X	148+39.50	RESIDENTIAL	12'	121	10	20	45	24"	72'
X	-	151+19	RESIDENTIAL	12'	81	7	14	30	15"	59'
-	X	151+19	RESIDENTIAL	24'	217	18	36	78	18"	77'

0' 50' 100' 200'

SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 140+00 TO STA. 155+00



PROFILE SHEET
KY 52 RELOCATION
STA. 140+00 TO STA. 155+00

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R011

RIGHT OF WAY PLANS

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
155+00 TO 156+15	NORMAL 2′ F.B. DT.	ECB	222 S.Y.
158+72.75 TO 161+82.19	2′ F.B. SURF. DT.	TRM I	298 S.Y.
162+35.11 TO 164+85.40	NORMAL 2′ F.B. DT.	ECB	442 S.Y.
ENTR. 165+12 LT. - DITCH RT.	SPL. 2′ F.B. DT.	TRM I	102 S.Y.
ENTR. 165+12 LT. - DITCH LT.	SPL. 2′ F.B. DT.	ECB	160 S.Y.
165+42.40 TO 168+50	NORMAL 2′ F.B. DT.	ECB	538 S.Y.
168+50 TO 170+00	SPL. 2′ F.B. DT.	ECB	282 S.Y.

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIALS.

REMOVE PAVEMENT

LT. STA. 166+88.72 TO STA. 170+00
REMOVE 534 SQ. YD. OF EXISTING PAVEMENT

R/W MONUMENT - TYPE 1

LT. STA. 155+00 TO STA. 170+00,
CONST. 5

RIGHT OF WAY CALLS

(A) N 87°32′16″ E 250.80′

(B) S 71° 41′10″ W 131.91′

(C) RADIUS = 2965.00′
ARC LENGTH = 524.39′
CHORD LENGTH = 523.71′
BEARING = S 76° 45′10″ W

(D) N 89°16′47″ W 42.44′

(E) RADIUS = 3035.00′
ARC LENGTH = 41.74′
CHORD LENGTH = 41.74′
BEARING = N 76° 49′03″ E

(F) S 10° 06′39″ E 10.21′

(G) N 89°16′47″ W 159.40′

(H) S 73°30′43″ W 114.52′

(I) S 14° 52′09″ E 55.47′

(J) N 71° 41′10″ E 16.36′

(K) RADIUS = 3035.00′
ARC LENGTH = 250.94′
CHORD LENGTH = 250.87′
BEARING = N 74° 03′17″ E

(L) S 73°30′43″ W 98.38′

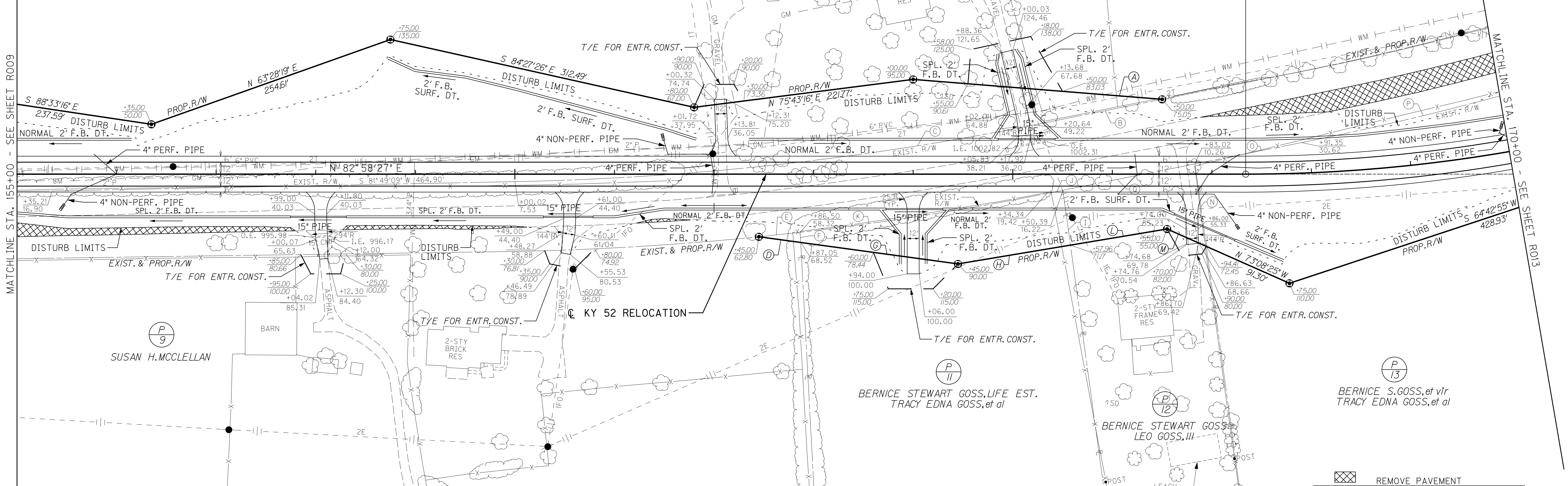
(M) N 73°08′25″ W 43.10′

(N) S 14° 52′09″ E 83.49′

(O) N 71° 41′10″ E 109.31′

(P) RADIUS = 3035.00′
ARC LENGTH = 562.07′
CHORD LENGTH = 561.27′
BEARING = N 66° 22′50″ E

(Q) N 71° 41′10″ E 135.24′



DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
155+00 TO 157+74.63	SPL. 2′ F.B. DT.	TRM I	373 S.Y.
158+30.63 TO 160+28.53	SPL. 2′ F.B. DT.	ECB	381 S.Y.
160+78.53 TO 161+50	SPL. 2′ F.B. DT.	ECB	140 S.Y.
161+50 TO 163+72.71	NORMAL 2′ F.B. DT.	ECB	427 S.Y.
ENTR. 164+00 RT. - DITCH RT.	SPL. 2′ F.B. DT.	ECB	94 S.Y.
ENTR. 164+00 RT. - DITCH LT.	SPL. 2′ F.B. DT.	ECB	96 S.Y.
164+29.71 TO 166+50	NORMAL 2′ F.B. DT.	ECB	389 S.Y.
166+50 TO 166+62.73	2′ F.B. SURF. DT.	TRM I	13 S.Y.
167+23.09 TO 167+70	2′ F.B. SURF. DT.	TRM I	50 S.Y.

ENTRANCE CONSTRUCTION CHART										
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	X	158+05	RESIDENTIAL	12′	97	8	16	36	15″	56′
-	X	160+55	RESIDENTIAL	12′	91	7	15	34	15″	50′
X	-	162+08	RESIDENTIAL	12′	87	7	15	33	-	-
-	X	164+00	RESIDENTIAL	12′	121	10	20	44	15″	57′
X	-	165+12	RESIDENTIAL	12′	154	13	26	55	15″	57′
-	X	166+80	RESIDENTIAL	12′	81	7	14	31	15″	66′

REMOVE PAVEMENT

RT. STA. 155+00 TO STA. 157+79.77
REMOVE 212 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 158+27.03 TO STA. 160+12.23
REMOVE 64 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 161+22.03 TO STA. 161+76.37
REMOVE 12 SQ. YD. OF EXISTING PAVEMENT

R/W MONUMENT - TYPE 1

RT. STA. 155+00 TO STA. 170+00,
CONST. 4

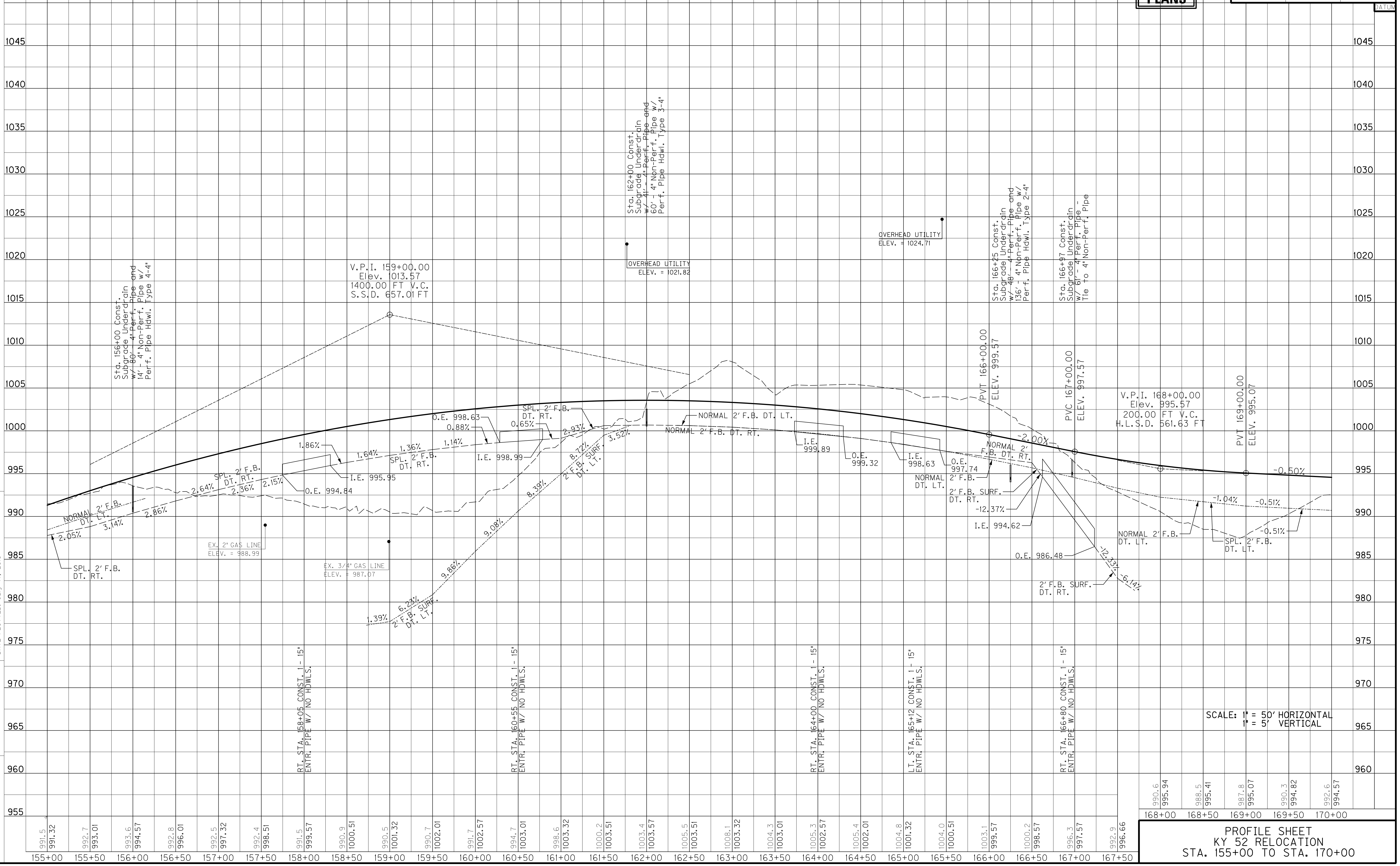
0′ 50′ 100′ 200′

SCALE: 1″=50′

PLAN SHEET
KY 52 RELOCATION
STA. 155+00 TO STA. 170+00

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R012



PROFILE SHEET
KY 52 RELOCATION
STA. 155+00 TO STA. 170+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R01200PR.DGN

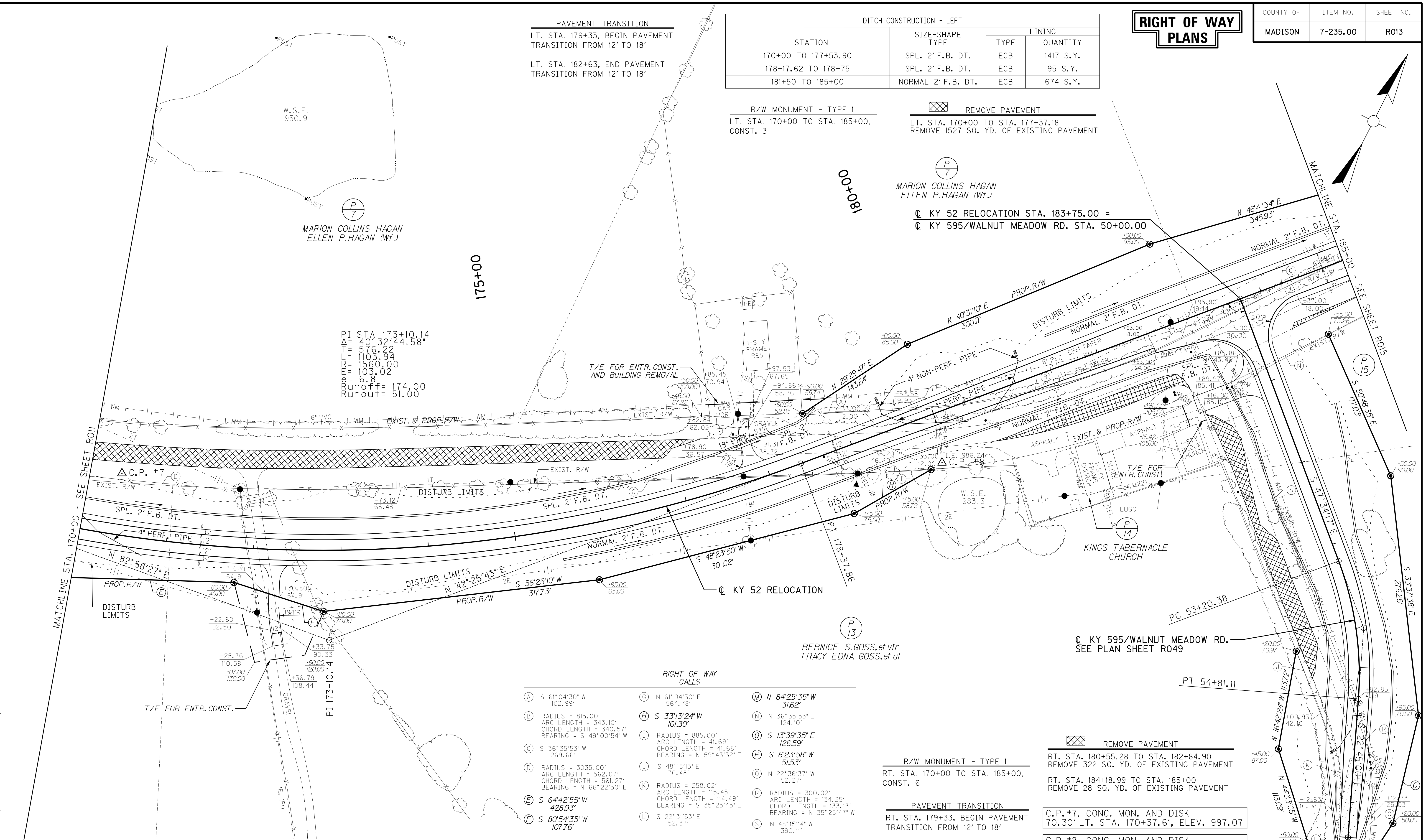
USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R013

RIGHT OF WAY PLANS



PAVEMENT TRANSITION

LT. STA. 179+33, BEGIN PAVEMENT TRANSITION FROM 12' TO 18'

LT. STA. 182+63, END PAVEMENT TRANSITION FROM 12' TO 18'

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
170+00 TO 177+53.90	SPL. 2' F.B. DT.	ECB	1417 S.Y.
178+17.62 TO 178+75	SPL. 2' F.B. DT.	ECB	95 S.Y.
181+50 TO 185+00	NORMAL 2' F.B. DT.	ECB	674 S.Y.

R/W MONUMENT - TYPE 1

LT. STA. 170+00 TO STA. 185+00, CONST. 3

REMOVE PAVEMENT

LT. STA. 170+00 TO STA. 177+37.18
REMOVE 1527 SQ. YD. OF EXISTING PAVEMENT

RIGHT OF WAY CALLS

(A) S 61°04'30" W 102.99'

(B) RADIUS = 815.00'
ARC LENGTH = 343.10'
CHORD LENGTH = 340.57'
BEARING = S 49°00'54" W

(C) S 36°35'53" W 269.66'

(D) RADIUS = 3035.00'
ARC LENGTH = 562.07'
CHORD LENGTH = 561.27'
BEARING = N 66°22'50" E

(E) S 64°42'55" W 428.93'

(F) S 80°54'35" W 107.76'

(G) N 61°04'30" E 564.78'

(H) S 33°13'24" W 101.30'

(I) RADIUS = 885.00'
ARC LENGTH = 41.69'
CHORD LENGTH = 41.68'
BEARING = N 59°43'32" E

(J) S 48°15'15" E 76.48'

(K) RADIUS = 258.02'
ARC LENGTH = 115.45'
CHORD LENGTH = 114.49'
BEARING = S 35°25'45" E

(L) S 22°31'53" E 52.37'

(M) N 84°25'35" W 31.62'

(N) N 36°35'53" E 124.10'

(O) S 13°39'35" E 126.59'

(P) S 6°23'58" W 51.53'

(Q) N 22°36'37" W 52.27'

(R) RADIUS = 300.02'
ARC LENGTH = 134.25'
CHORD LENGTH = 133.13'
BEARING = N 35°25'47" W

(S) N 48°15'14" W 390.11'

R/W MONUMENT - TYPE 1

RT. STA. 170+00 TO STA. 185+00, CONST. 6

PAVEMENT TRANSITION

RT. STA. 179+33, BEGIN PAVEMENT TRANSITION FROM 12' TO 18'

RT. STA. 182+63, END PAVEMENT TRANSITION FROM 12' TO 18'

REMOVE PAVEMENT

RT. STA. 180+55.28 TO STA. 182+84.90
REMOVE 322 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 184+18.99 TO STA. 185+00
REMOVE 28 SQ. YD. OF EXISTING PAVEMENT

C.P.#7, CONC. MON. AND DISK
70.30' LT. STA. 170+37.61, ELEV. 997.07

C.P.#8, CONC. MON. AND DISK
55.82' RT. STA. 179+89.52, ELEV. 987.91

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
175+50 TO 183+00	NORMAL 2' F.B. DT.	ECB	1456 S.Y.
183+00 TO 183+19.61	SPL. 2' F.B. DT.	TRM I	28 S.Y.

ENTRANCE CONSTRUCTION CHART										
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	X	172+25	RESIDENTIAL	12'	133	11	23	50	-	-
X	-	177+85	RESIDENTIAL	12'	81	7	14	30	18"	62'

0' 50' 100' 200'

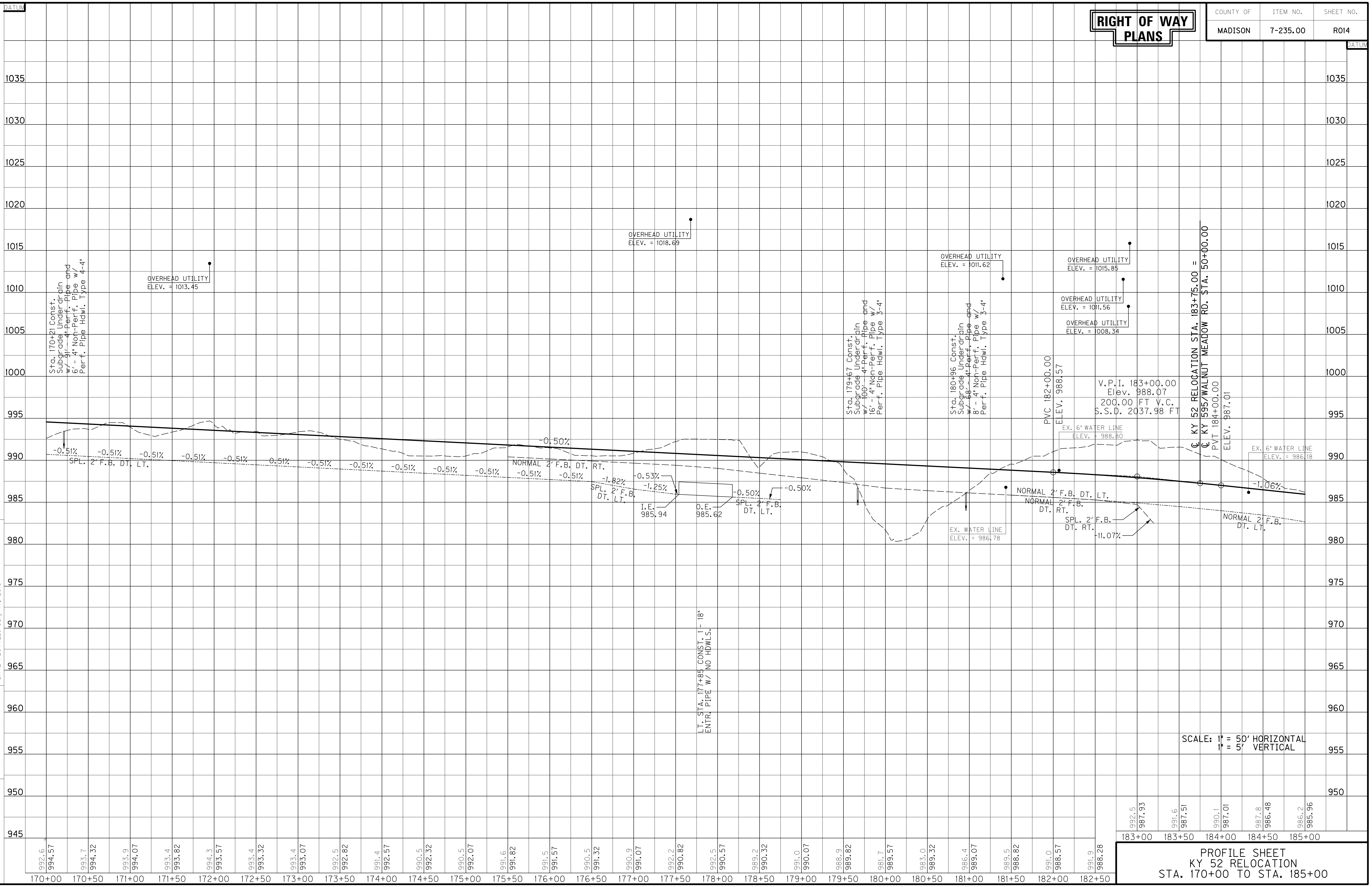
SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 170+00 TO STA. 185+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R01300PL.DGN
USER: efister
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R014



PROFILE SHEET
KY 52 RELOCATION
STA. 170+00 TO STA. 185+00

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
185+00 TO 185+50	NORMAL 2' F.B. DT.	ECB	96 S.Y.
185+50 TO 185+80	SPL. 2' F.B. DT.	ECB	62 S.Y.
186+25 TO 188+00	NORMAL 2' F.B. DT.	ECB	328 S.Y.
188+00 TO 188+25	SPL. 2' F.B. DT.	ECB	50 S.Y.
190+30 TO 192+65	NORMAL 2' F.B. DT.	ECB	442 S.Y.
192+65 TO 192+94.16	SPL. 2' F.B. DT.	ROCK	-
193+61.29 TO 194+50	SPL. 2' F.B. DT.	ROCK	-
194+50 TO 196+00	NORMAL 2' F.B. DT.	ROCK	-
196+00 TO 198+80.61	2' F.B. SURF. DT.	TRM I	215 S.Y.
199+05.00 INLET	3' F.B. INLET DT.	CL. III	46 TONS
198+86.37 TO 200+00	2' F.B. SURF. DT.	TRM I	84 S.Y.
KY 52 CONN. NO. 1			
47+00 TO 49+00	NORMAL 2' F.B DT.	ECB	282 S.Y.
49+00 TO 49+50	SPL. 2' F.B. DT.	ROCK	-

REMOVE PIPE
LT. STA. 191+99.59 TO STA. 192+26.74, REMOVE 53 L.F. OF EXIST. 18" CMP

RIGHT OF WAY CALLS
(A) N 46°41'34" E 345.93'
(B) RADIUS = 690.00' ARC LENGTH = 261.07' CHORD LENGTH = 259.52' BEARING = S 25°45'32" W
(C) N 64°36'05" W 30.27'
(D) RADIUS = 760.00' ARC LENGTH = 446.68' CHORD LENGTH = 440.28' BEARING = N 7°32'54" E
(E) S 14°30'41" E 80.78'
(F) S 6°20'06" W 42.23'

PAVEMENT TRANSITION
LT. STA. 187+70, BEGIN PAVEMENT TRANSITION FROM 18' TO 12'
LT. STA. 191+00, END PAVEMENT TRANSITION FROM 18' TO 12'

PAVEMENT TRANSITION
LT. STA. 47+00 (CONN. NO. 1), BEGIN PAVEMENT TRANSITION FROM 10.55' TO 11'
LT. STA. 47+06.75 (CONN. NO. 1), END PAVEMENT TRANSITION FROM 10.55' TO 11'
RT. STA. 47+00 (CONN. NO. 1), BEGIN PAVEMENT TRANSITION FROM 10.55' TO 11'
RT. STA. 47+06.75 (CONN. NO. 1), END PAVEMENT TRANSITION FROM 10.55' TO 11'

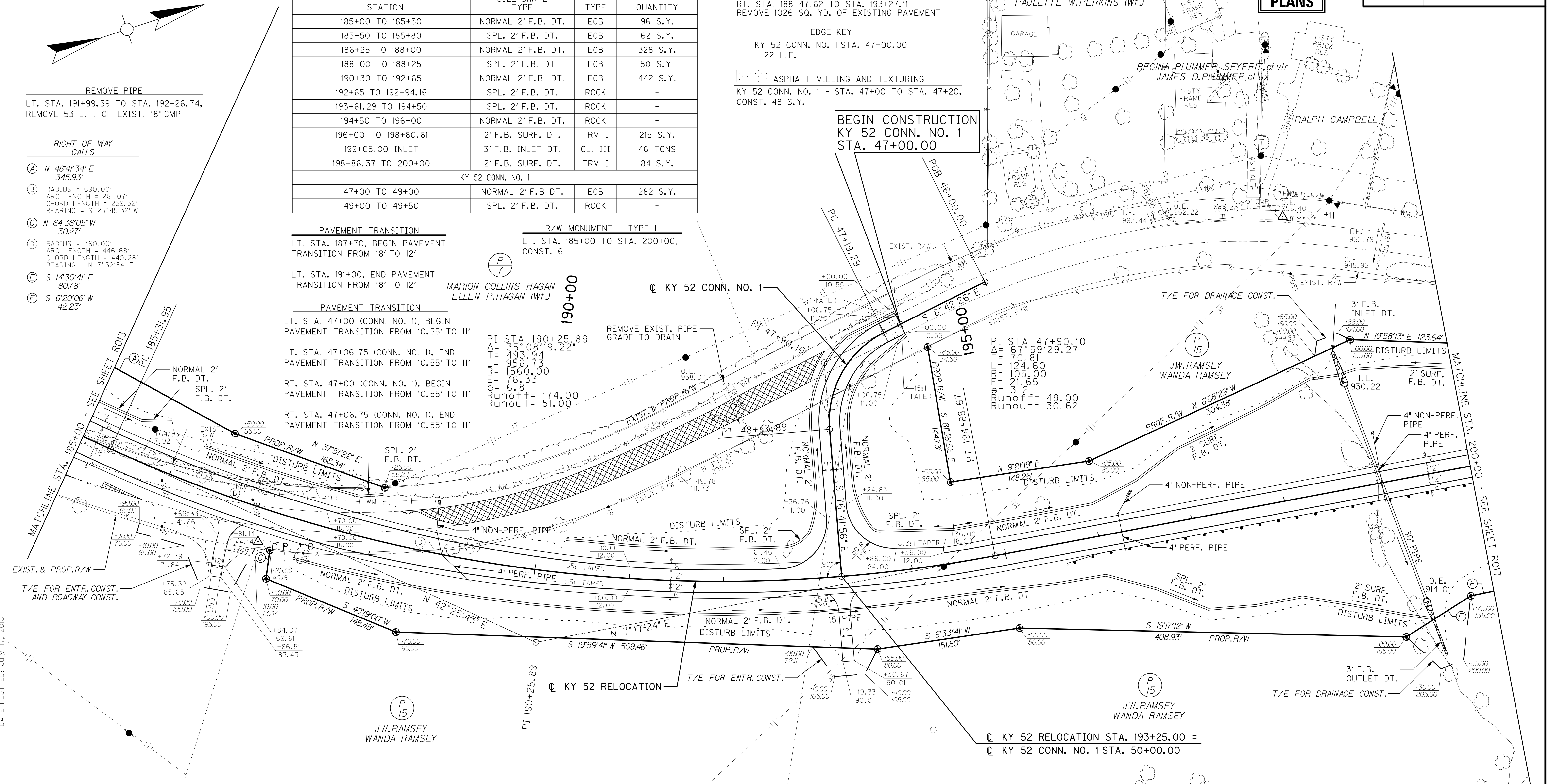
R/W MONUMENT - TYPE 1
LT. STA. 185+00 TO STA. 200+00, CONST. 6

REMOVE PAVEMENT
RT. STA. 188+47.62 TO STA. 193+27.11 REMOVE 1026 SQ. YD. OF EXISTING PAVEMENT

EDGE KEY
KY 52 CONN. NO. 1 STA. 47+00.00 - 22 L.F.

ASPHALT MILLING AND TEXTURING
KY 52 CONN. NO. 1 - STA. 47+00 TO STA. 47+20, CONST. 48 S.Y.

BEGIN CONSTRUCTION
KY 52 CONN. NO. 1
STA. 47+00.00



DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
187+50 TO 192+99.73	NORMAL 2' F.B. DT.	ECB	1083 S.Y.
193+52.55 TO 196+00	NORMAL 2' F.B. DT.	ROCK	-
196+00 TO 198+00	SPL. 2' F.B. DT.	TRM I	235 S.Y.
198+00 TO 199+29.42	2' F.B. SURF. DT.	TRM I	100 S.Y.
199+05.00 OUTLET*	3' OUTLET DT.	CL. II	57 TONS
KY 52 CONN. NO. 1			
47+00 TO 49+00	NORMAL 2' F.B. DT.	ECB	355 S.Y.
49+00 TO 49+50	SPL. 2' F.B. DT.	ECB	82 S.Y.

* DEPTH TO PROTECT = 1.5'

PAVEMENT TRANSITION
RT. STA. 187+70, BEGIN PAVEMENT TRANSITION FROM 18' TO 12'
RT. STA. 191+00, END PAVEMENT TRANSITION FROM 18' TO 12'

STEEL "W" BEAM GUARDRAIL CONSTRUCTION CHART

LT	RT	STATION TO STATION	SINGLE FACE (FT)	END TREAT. TYPE 4A (EACH)
-	X	196+00 TO 200+00	400.00	1

ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	X	186+75	RESIDENTIAL	12'	92	8	16	34	-	-
-	X	193+25	RESIDENTIAL	12'	107	9	18	39	15"	54'

C.P. #10, CONC. MON. AND DISK
35.23' RT. STA. 187+10.77, ELEV. 983.56

C.P. #11, IRON PIN AND CAP
296.03' LT. STA. 198+54.00, ELEV. 961.06

R/W MONUMENT - TYPE 1
RT. STA. 185+00 TO STA. 200+00, CONST. 7

REMOVE PAVEMENT
RT. STA. 185+00 TO STA. 185+10.46 REMOVE 1 SQ. YD. OF EXISTING PAVEMENT
RT. STA. 185+39.88 TO STA. 185+83.44 REMOVE 16 SQ. YD. OF EXISTING PAVEMENT

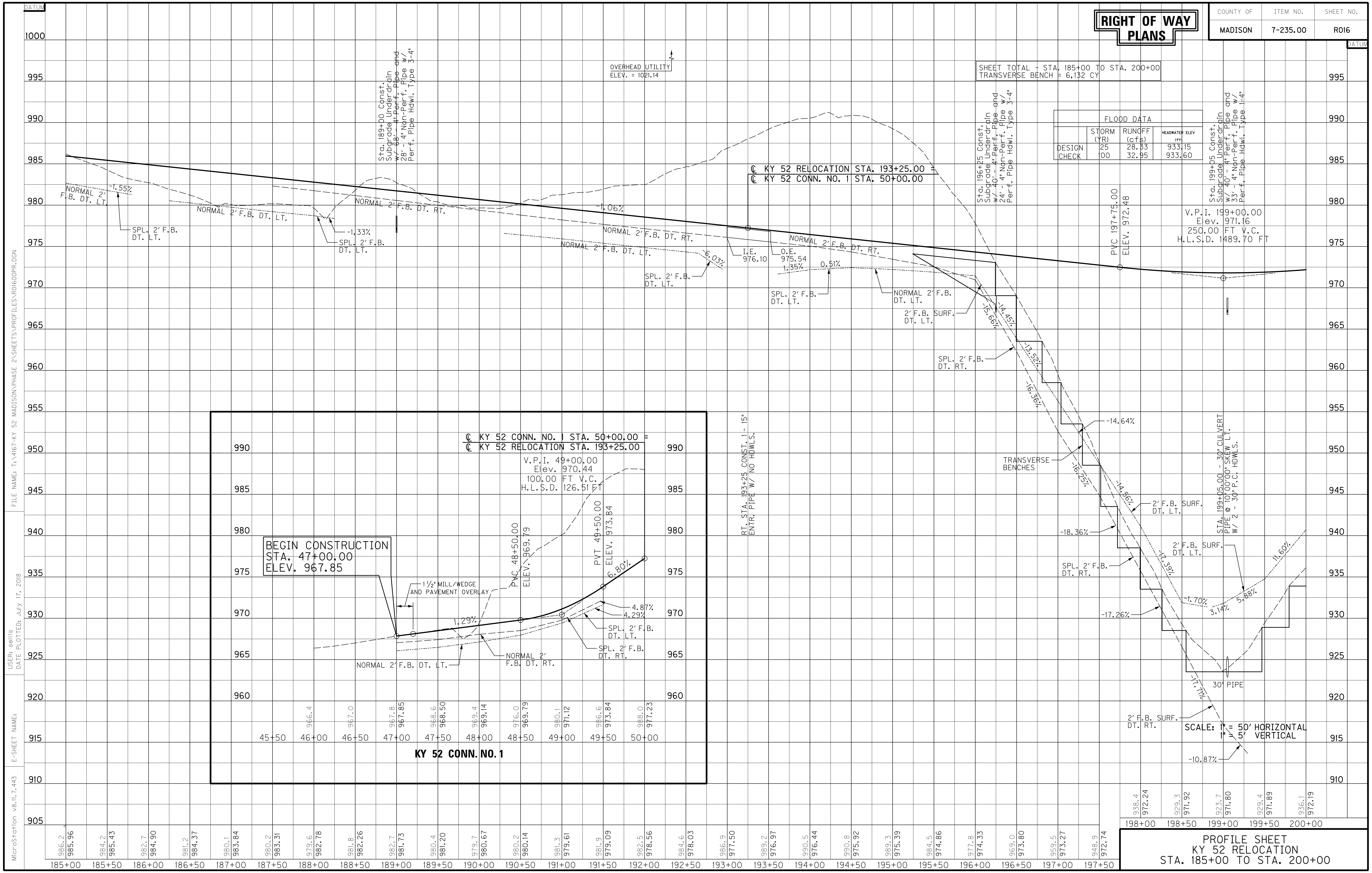
0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 185+00 TO STA. 200+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R01500PL.DGN
USER: efister
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R016

RIGHT OF WAY PLANS



PROFILE SHEET
KY 52 RELOCATION
STA. 185+00 TO STA. 200+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R0160PR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS

REMOVE PAVEMENT

LT. STA. 203+09.87 TO STA. 206+71
REMOVE 581 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 207+03.70 TO STA. 215+00
REMOVE 1506 SQ. YD. OF EXISTING PAVEMENT

R/W MONUMENT - TYPE 1

LT. STA. 200+00 TO STA. 215+00,
CONST. 2

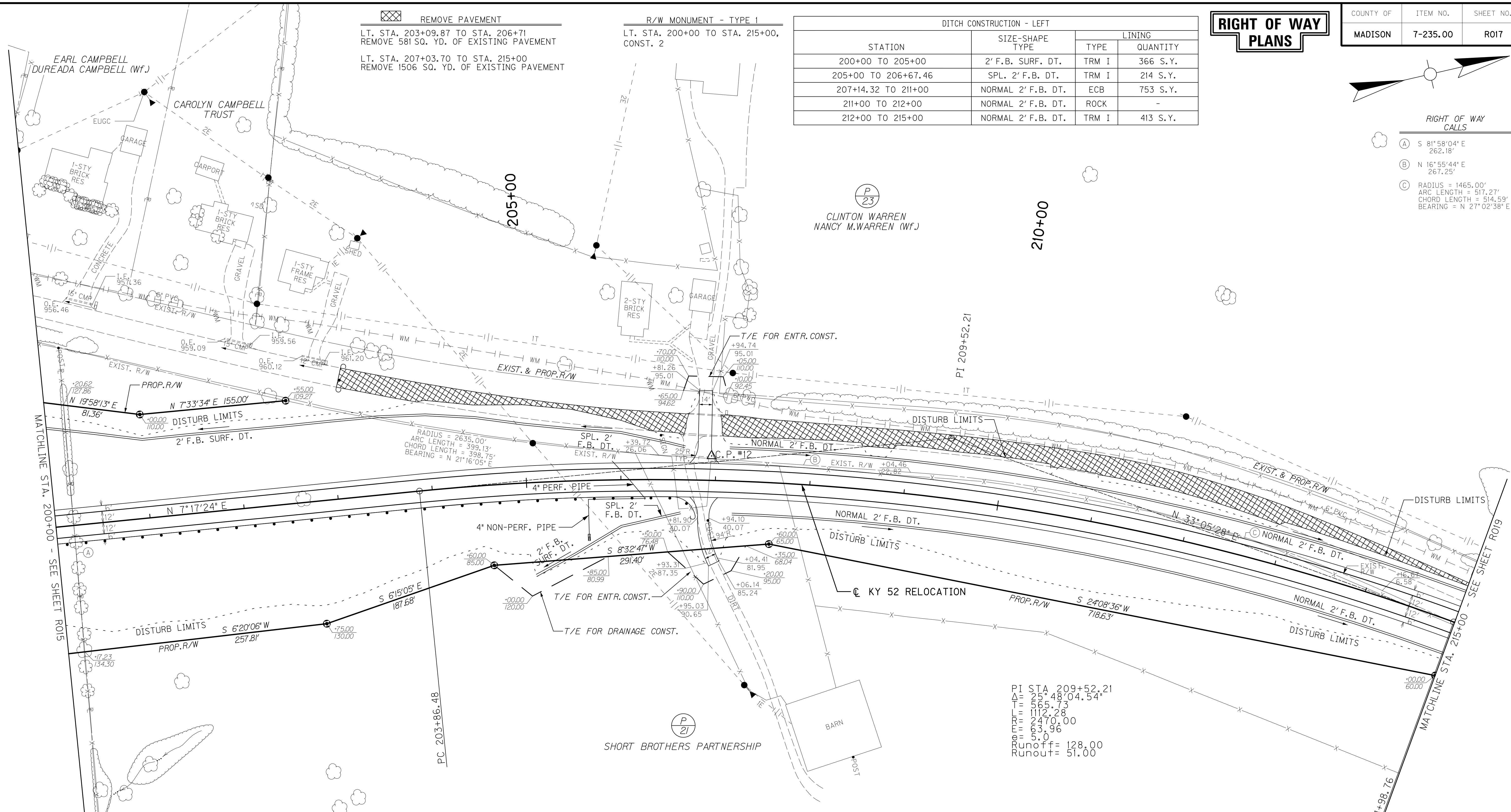
DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
200+00 TO 205+00	2′ F.B. SURF. DT.	TRM I	366 S.Y.
205+00 TO 206+67.46	SPL. 2′ F.B. DT.	TRM I	214 S.Y.
207+14.32 TO 211+00	NORMAL 2′ F.B. DT.	ECB	753 S.Y.
211+00 TO 212+00	NORMAL 2′ F.B. DT.	ROCK	-
212+00 TO 215+00	NORMAL 2′ F.B. DT.	TRM I	413 S.Y.

RIGHT OF WAY CALLS

(A) S 81°58′04″ E 262.18′

(B) N 16°55′44″ E 267.25′

(C) RADIUS = 1465.00′
ARC LENGTH = 517.27′
CHORD LENGTH = 514.59′
BEARING = N 27°02′38″ E



C.P. #12, CONC. MON. AND DISK
25.85′ LT. STA. 206+95.33, ELEV. 970.01

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
205+10 TO 206+00	2′ F.B. SURF. DT.	TRM I	99 S.Y.
206+00 TO 206+50	2′ F.B. SURF. DT.	ECB	65 S.Y.
206+50 TO 206+63.47	SPL. 2′ F.B. DT.	ECB	27 S.Y.
207+18.78 TO 209+00	NORMAL 2′ F.B. DT.	TRM I	238 S.Y.
209+00 TO 213+50	NORMAL 2′ F.B. DT.	ROCK	-
213+50 TO 215+00	NORMAL 2′ F.B. DT.	TRM I	196 S.Y.

STEEL "W" BEAM GUARDRAIL CONSTRUCTION CHART				
LT	RT	STATION TO STATION	SINGLE FACE (FT)	TERM. SEC. TYPE 1 (EACH)
-	X	200+00 TO 206+79.24	687.50	1
X	-	203+09.21 TO 203+16.82	25.00	2

ENTRANCE CONSTRUCTION CHART										
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	206+87	RESIDENTIAL	14′	131	11	22	48	-	-
-	X	206+87	RESIDENTIAL	12′	108	9	18	40	-	-

R/W MONUMENT - TYPE 1

RT. STA. 200+00 TO STA. 215+00,
CONST. 4

0′ 50′ 100′ 200′

SCALE: 1″=50′

PLAN SHEET
KY 52 RELOCATION
STA. 200+00 TO STA. 215+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R0170OPL.DGN

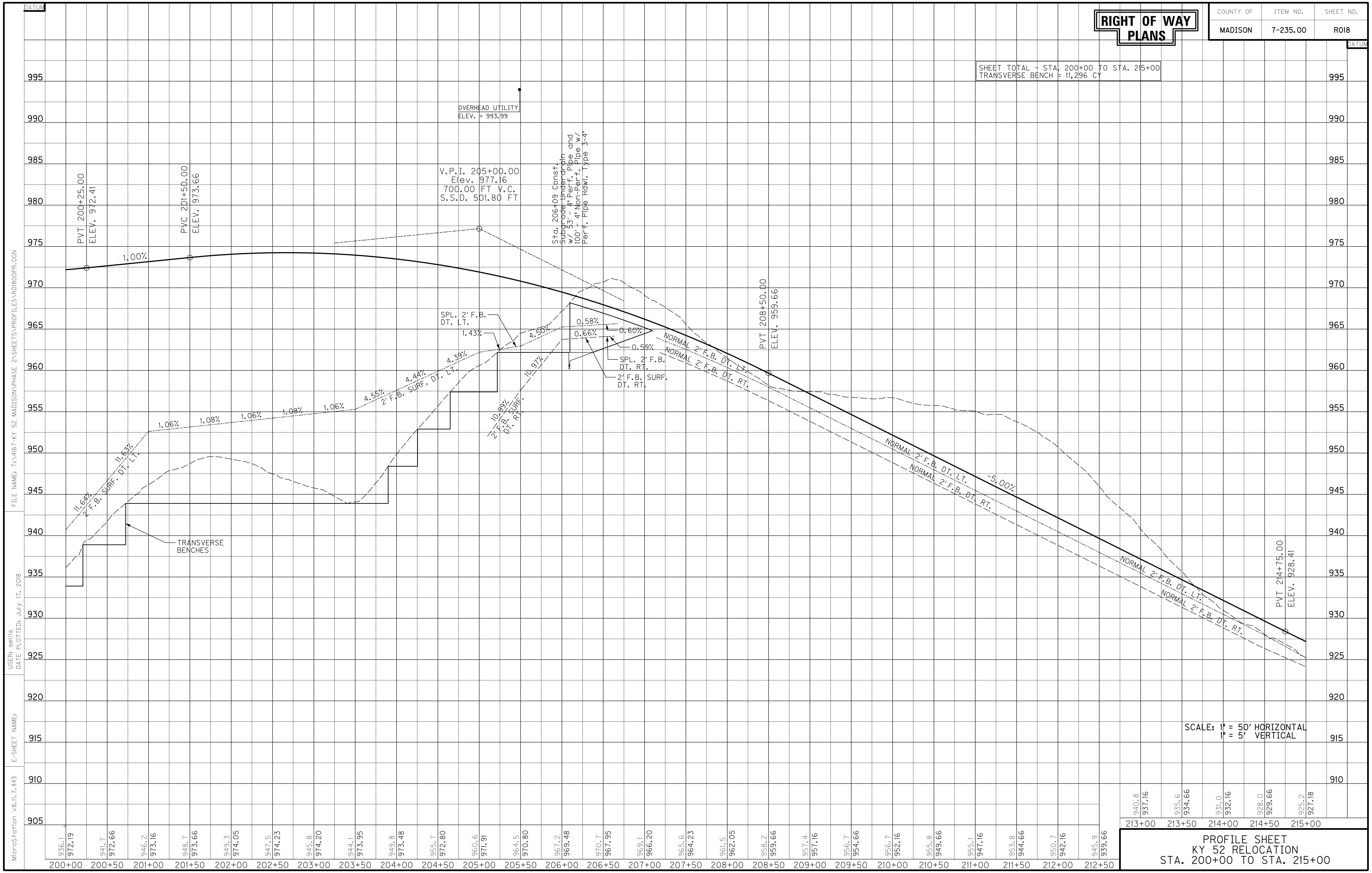
USER: efister
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R018



PROFILE SHEET
KY 52 RELOCATION
STA. 200+00 TO STA. 215+00

RIGHT OF WAY PLANS

ASPHALT MILLING AND TEXTURING
ELK GARDEN BRANCH - STA. 48+70 TO STA. 48+95,
CONST. 28 S.Y.

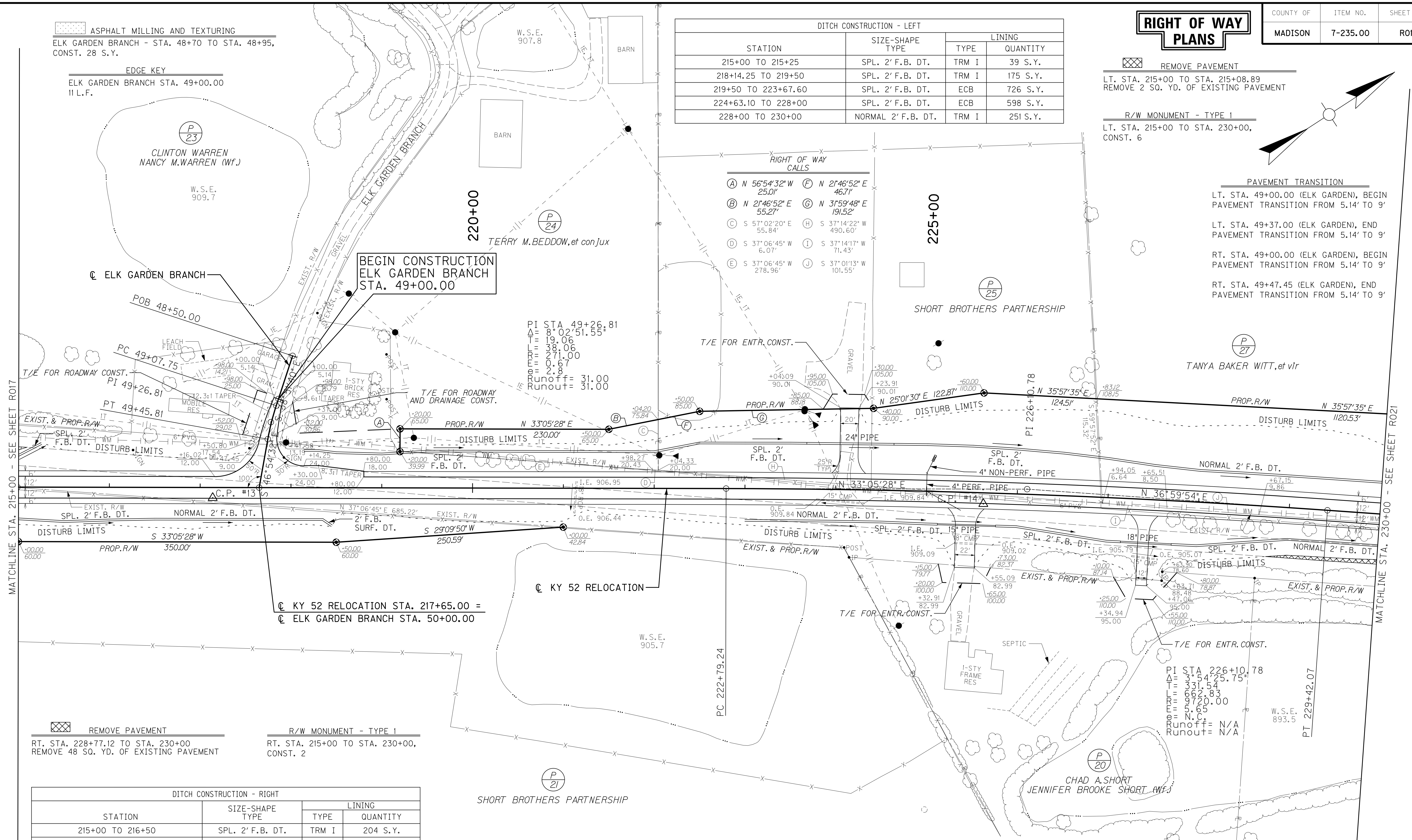
EDGE KEY
ELK GARDEN BRANCH STA. 49+00.00
11 L.F.

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
215+00 TO 215+25	SPL. 2′ F.B. DT.	TRM I	39 S.Y.
218+14.25 TO 219+50	SPL. 2′ F.B. DT.	TRM I	175 S.Y.
219+50 TO 223+67.60	SPL. 2′ F.B. DT.	ECB	726 S.Y.
224+63.10 TO 228+00	SPL. 2′ F.B. DT.	ECB	598 S.Y.
228+00 TO 230+00	NORMAL 2′ F.B. DT.	TRM I	251 S.Y.

REMOVE PAVEMENT
LT. STA. 215+00 TO STA. 215+08.89
REMOVE 2 SQ. YD. OF EXISTING PAVEMENT

R/W MONUMENT - TYPE 1
LT. STA. 215+00 TO STA. 230+00,
CONST. 6

PAVEMENT TRANSITION
LT. STA. 49+00.00 (ELK GARDEN), BEGIN PAVEMENT TRANSITION FROM 5.14′ TO 9′
LT. STA. 49+37.00 (ELK GARDEN), END PAVEMENT TRANSITION FROM 5.14′ TO 9′
RT. STA. 49+00.00 (ELK GARDEN), BEGIN PAVEMENT TRANSITION FROM 5.14′ TO 9′
RT. STA. 49+47.45 (ELK GARDEN), END PAVEMENT TRANSITION FROM 5.14′ TO 9′



REMOVE PAVEMENT
RT. STA. 228+77.12 TO STA. 230+00
REMOVE 48 SQ. YD. OF EXISTING PAVEMENT

R/W MONUMENT - TYPE 1
RT. STA. 215+00 TO STA. 230+00,
CONST. 2

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
215+00 TO 216+50	SPL. 2′ F.B. DT.	TRM I	204 S.Y.
216+50 TO 218+35	NORMAL 2′ F.B. DT.	TRM I	251 S.Y.
218+35 TO 218+45	2′ F.B. SURF. DT.	TRM I	12 S.Y.
223+00 TO 224+50	NORMAL 2′ F.B. DT.	ECB	288 S.Y.
224+50 TO 225+12.92	SPL. 2′ F.B. DT.	ECB	121 S.Y.
225+77.15 TO 227+15.89	SPL. 2′ F.B. DT.	ECB	268 S.Y.
227+72.16 TO 229+00	SPL. 2′ F.B. DT.	ECB	247 S.Y.
229+00 TO 230+00	NORMAL 2′ F.B. DT.	ECB	193 S.Y.

ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	224+14	RESIDENTIAL	20′	138	11	23	50	24″	96′
-	X	225+44	RESIDENTIAL	22′	170	14	29	62	15″	64′
-	X	227+41	RESIDENTIAL	12′	114	9	19	42	15″	51′

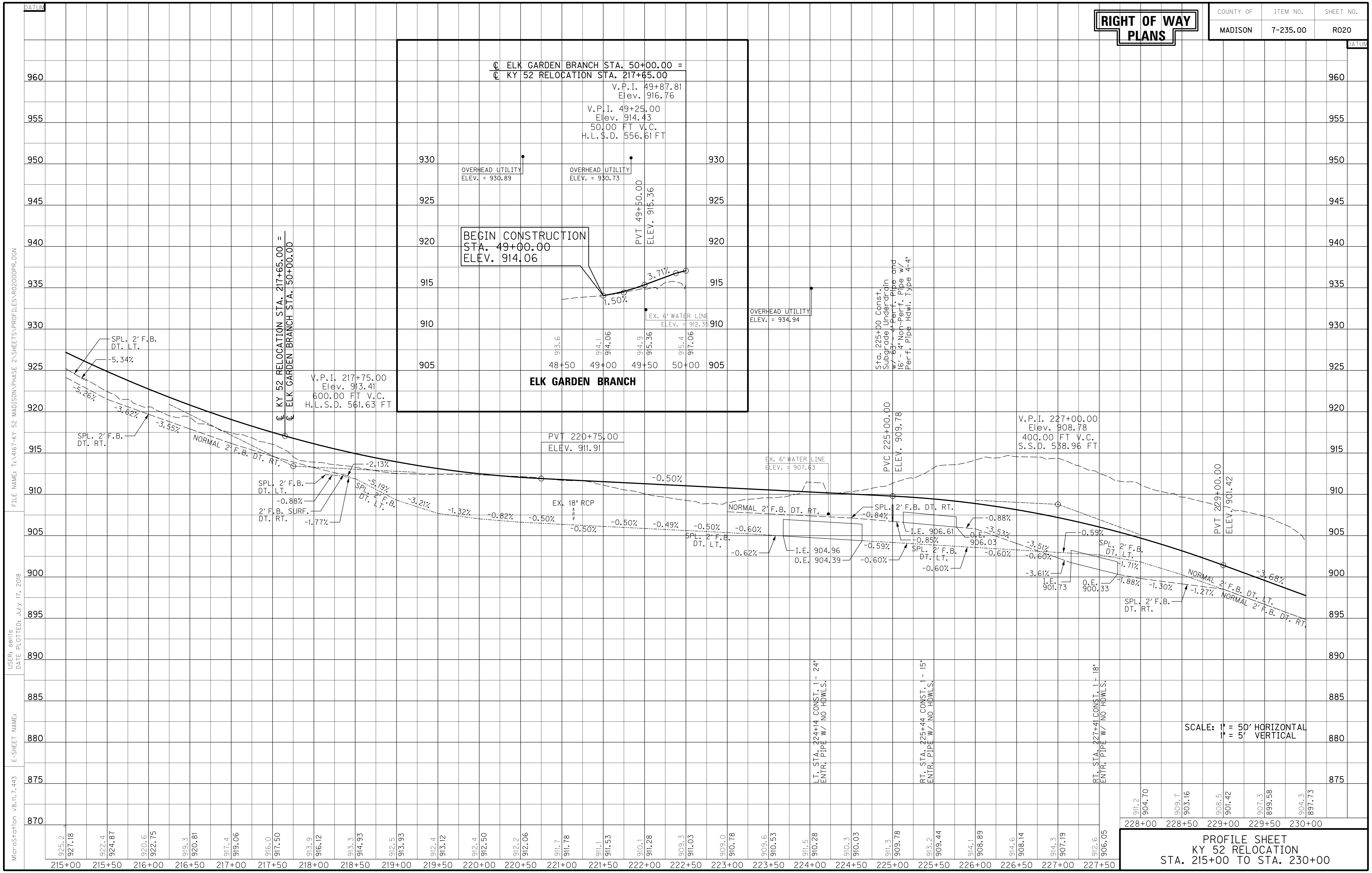
C.P. #13, CONC. MON. AND DISK
11.39′ RT. STA. 217+13.82, ELEV. 917.04

C.P. #14, CONC. MON. AND DISK
12.16′ RT. STA. 225+62.95, ELEV. 913.22

0′ 50′ 100′ 200′
SCALE: 1″=50′

PLAN SHEET
KY 52 RELOCATION
STA. 215+00 TO STA. 230+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R01900PL.DGN
USER: sellis
DATE PLOTTED: July 18, 2018
E-SHEET NAME:
MicroStation v8.11.7.443


RIGHT OF WAY PLANS
COUNTY OF MADISON
ITEM NO. 7-235.00
SHEET NO. R020
DATUM
960 955 950 945 940 935 930 925 920 915 910 905 900 895 890 885 880 875 870
℄ ELK GARDEN BRANCH STA. 50+00.00 =
℄ KY 52 RELOCATION STA. 217+65.00
V.P.I. 49+87.81
Elev. 916.76
V.P.I. 49+25.00
Elev. 914.43
50.00 FT V.C.
H.L.S.D. 556.61 FT
OVERHEAD UTILITY
ELEV. = 930.89
OVERHEAD UTILITY
ELEV. = 930.73
PVT 49+50.00
ELEV. 915.36
BEGIN CONSTRUCTION
STA. 49+00.00
ELEV. 914.06
3.71%
1.50%
EX. 6" WATER LINE
ELEV. = 912.35
913.6
914.1 914.06
914.9 915.36
915.4 917.06
48+50 49+00 49+50 50+00
ELK GARDEN BRANCH
OVERHEAD UTILITY
ELEV. = 934.94
℄ KY 52 RELOCATION STA. 217+65.00 =
℄ ELK GARDEN BRANCH STA. 50+00.00
V.P.I. 217+75.00
Elev. 913.41
600.00 FT V.C.
H.L.S.D. 561.63 FT
SPL. 2' F.B.
DT. LT.
-5.34%
-5.26%
-3.62%
-3.55%
SPL. 2' F.B.
DT. RT.
NORMAL 2' F.B. DT. RT.
-2.13%
SPL. 2' F.B.
DT. LT.
-0.88%
2' F.B. SURF.
DT. RT.
-1.77%
-5.19%
SPL. 2' F.B.
DT. LT.
-3.21%
-1.32%
-0.82%
-0.50%
PVT 220+75.00
ELEV. 911.91
EX. 18" RCP
-0.50%
-0.50%
-0.50%
-0.49%
-0.50%
SPL. 2' F.B.
DT. LT.
-0.60%
-0.62%
NORMAL 2' F.B. DT. RT.
EX. 6" WATER LINE
ELEV. = 907.63
I.E. 904.96
O.E. 904.39
-0.59%
-0.60%
Sta. 225+00 Const.
Subgrade Underdrain
w/ 63' - 4" Perf. Pipe and
16' - 4" Non-Perf. Pipe w/
Perf. Pipe Hdwl. Type 4-4"
PVC 225+00.00
ELEV. 909.78
SPL. 2' F.B. DT. RT.
-0.84%
I.E. 906.61
-0.85%
O.E.
906.03
SPL. 2' F.B.
DT. LT.
-0.60%
-0.88%
-3.53%
-0.60%
-3.51%
-0.60%
-3.61%
I.E.
901.73
O.E.
900.33
-0.59%
SPL. 2' F.B.
DT. LT.
1.71%
-1.88%
-1.30%
-1.27%
SPL. 2' F.B.
DT. RT.
V.P.I. 227+00.00
Elev. 908.78
400.00 FT V.C.
S.S.D. 538.96 FT
PVT 229+00.00
ELEV. 901.42
-3.68%
NORMAL 2' F.B. DT. LT.
NORMAL 2' F.B. DT. RT.
LT. STA. 224+14 CONST. 1 - 24"
ENTR. PIPE W/ NO HDWLS.
RT. STA. 225+44 CONST. 1 - 15"
ENTR. PIPE W/ NO HDWLS.
RT. STA. 227+41 CONST. 1 - 18"
ENTR. PIPE W/ NO HDWLS.
SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL
925.2 927.18
922.4 924.87
920.6 922.75
919.3 920.81
917.4 919.06
916.0 917.50
913.9 916.12
913.3 914.93
912.5 913.93
912.4 913.12
912.4 912.50
912.2 912.06
911.7 911.78
911.1 911.53
910.1 911.28
909.3 911.03
909.0 910.78
909.6 910.53
911.5 910.28
910.3 910.03
911.3 909.78
913.2 909.44
914.1 908.89
914.6 908.14
914.3 907.19
912.6 906.05
215+00 215+50 216+00 216+50 217+00 217+50 218+00 218+50 219+00 219+50 220+00 220+50 221+00 221+50 222+00 222+50 223+00 223+50 224+00 224+50 225+00 225+50 226+00 226+50 227+00 227+50
911.2 904.70
909.7 903.16
908.5 901.42
907.3 899.58
904.3 897.73
228+00 228+50 229+00 229+50 230+00
PROFILE SHEET
KY 52 RELOCATION
STA. 215+00 TO STA. 230+00
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R02000PR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R021

RIGHT OF WAY PLANS

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
230+00 TO 232+00	NORMAL 2' F.B. DT.	TRM I	250 S.Y.
232+00 TO 234+15	SPL. 2' F.B. DT.	TRM I	223 S.Y.
234+15 TO 234+50	SPL. 2' F.B. DT.	TRM I	41 S.Y.
234+50 TO 236+00	NORMAL 2' F.B. DT.	TRM I	188 S.Y.
236+00 TO 237+00	NORMAL 2' F.B. DT.	ECB	177 S.Y.
237+00 TO 240+56.93	SPL. 2' F.B. DT.	ECB	357 S.Y.
ENTR. 240+86 LT. - DITCH RT.	SPL. 2' F.B. DT.	ECB	186 S.Y.
ENTR. 240+86 LT. - DITCH LT.	SPL. 2' F.B. DT.	TRM I	135 S.Y.
241+17.74 TO 242+00*	SPL. 2' F.B. DT.	TRM I	148 S.Y.
242+00 TO 243+50	SPL. 2' F.B. DT.	ROCK	-
243+50 TO 244+40.08	SPL. 2' F.B. DT.	TRM I	113 S.Y.
ENTR. 244+73 LT. - DITCH RT.	SPL. 2' F.B. DT.	TRM I	130 S.Y.
ENTR. 244+73 LT. - DITCH LT.	SPL. 2' F.B. DT.	ECB	134 S.Y.
KY 52 CONN. NO. 2			
50+50 TO 51+00	SPL. 2' F.B. DT.	ECB	63 S.Y.
51+00 TO 52+50	NORMAL 2' F.B. DT.	ECB	211 S.Y.

* DEPTH TO PROTECT = 1.5'

ENTRANCE CONSTRUCTION CHART										
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	240+86	RESIDENTIAL	12'	204	17	34	75	24"	62'
X	-	244+73	RESIDENTIAL	12'	205	17	35	76	30"	70'
-	X	51+22*	RESIDENTIAL	12'	90	7	15	34	18"	47'

* KY 52 CONN. NO. 2

R/W MONUMENT - TYPE 1
LT. STA. 230+00 TO STA. 245+00, CONST. 2

ASPHALT MILLING AND TEXTURING
KY 52 CONN. NO. 2 - STA. 52+25 TO STA. 52+50, CONST. 57 S.Y.

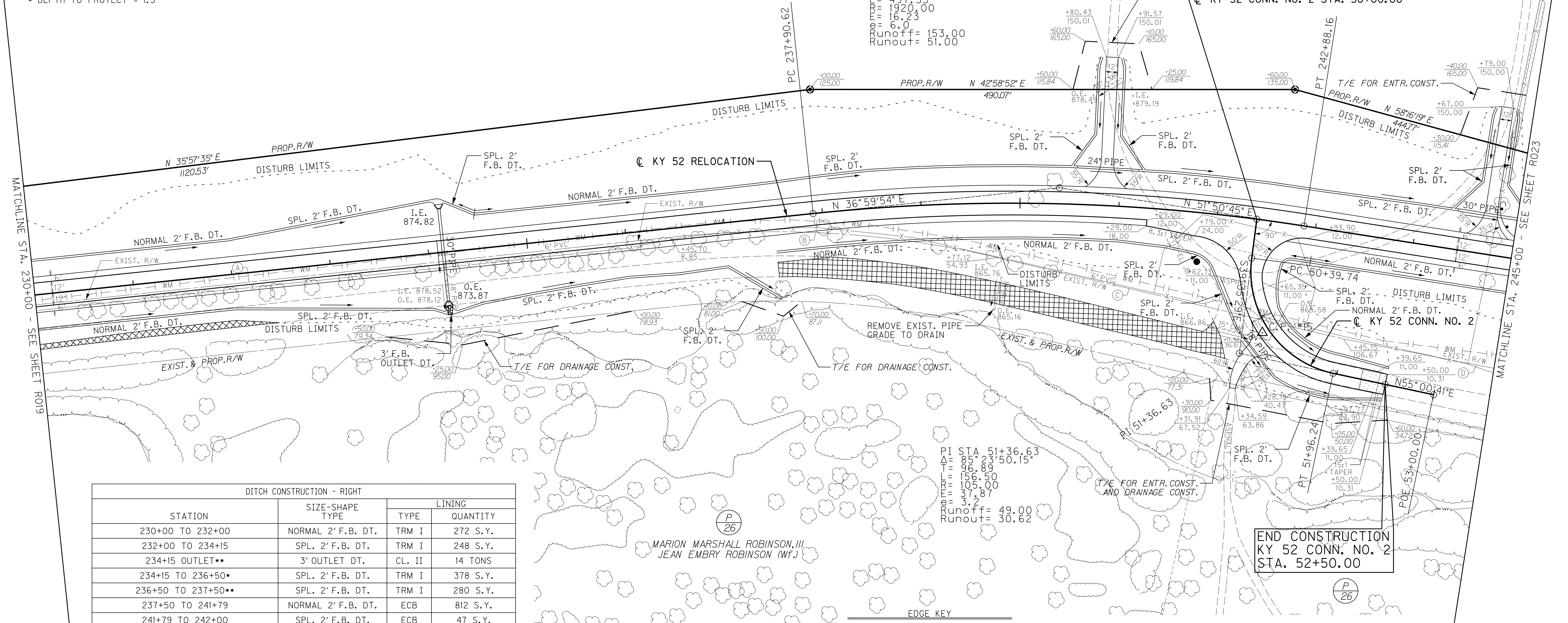
RIGHT OF WAY CALLS
(A) S 36°54'11" W 778.47'
(B) RADIUS = 985.00' ARC LENGTH = 331.96' CHORD LENGTH = 330.39' BEARING = S 46°33'28" W
(C) S 56°12'45" W 358.86'
(D) S 54°00'00" W 306.13'

PAVEMENT TRANSITION
LT. STA. 52+39.65 (CONN NO. 2), BEGIN PAVEMENT TRANSITION FROM 11' TO 10.31'

LT. STA. 52+50.00 (CONN NO. 2), END PAVEMENT TRANSITION FROM 11' TO 10.31'

RT. STA. 52+39.65 (CONN NO. 2), BEGIN PAVEMENT TRANSITION FROM 11' TO 10.31'

RT. STA. 52+50.00 (CONN NO. 2), END PAVEMENT TRANSITION FROM 11' TO 10.31'



DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
230+00 TO 232+00	NORMAL 2' F.B. DT.	TRM I	272 S.Y.
232+00 TO 234+15	SPL. 2' F.B. DT.	TRM I	248 S.Y.
234+15 OUTLET**	3' OUTLET DT.	CL. II	14 TONS
234+15 TO 236+50*	SPL. 2' F.B. DT.	TRM I	378 S.Y.
236+50 TO 237+50**	SPL. 2' F.B. DT.	TRM I	280 S.Y.
237+50 TO 241+79	NORMAL 2' F.B. DT.	ECB	812 S.Y.
241+79 TO 242+00	SPL. 2' F.B. DT.	ECB	47 S.Y.
242+70.50 TO 243+00	SPL. 2' F.B. DT.	ECB	56 S.Y.
243+00 TO 245+00	NORMAL 2' F.B. DT.	ECB	353 S.Y.
KY 52 CONN. NO. 2			
50+50 TO 51+04.12	SPL. 2' F.B. DT.	ECB	115 S.Y.
51+41.83 TO 52+50	SPL. 2' F.B. DT.	ECB	197 S.Y.

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

STEEL "W" BEAM GUARDRAIL CONSTRUCTION CHART				
LT	RT	STATION TO STATION	SINGLE FACE (FT)	TERM. SEC. TYPE 1 (EACH)
X	-	244+81 TO 245+00	38.44	1

EDGE KEY
KY 52 CONN. NO. 2 STA. 52+50.00
21 L.F.

REMOVE PAVEMENT
RT. STA. 230+00 TO STA. 232+42.72
REMOVE 156 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 237+50.14 TO STA. 242+25.23
REMOVE 1071 SQ. YD. OF EXISTING PAVEMENT

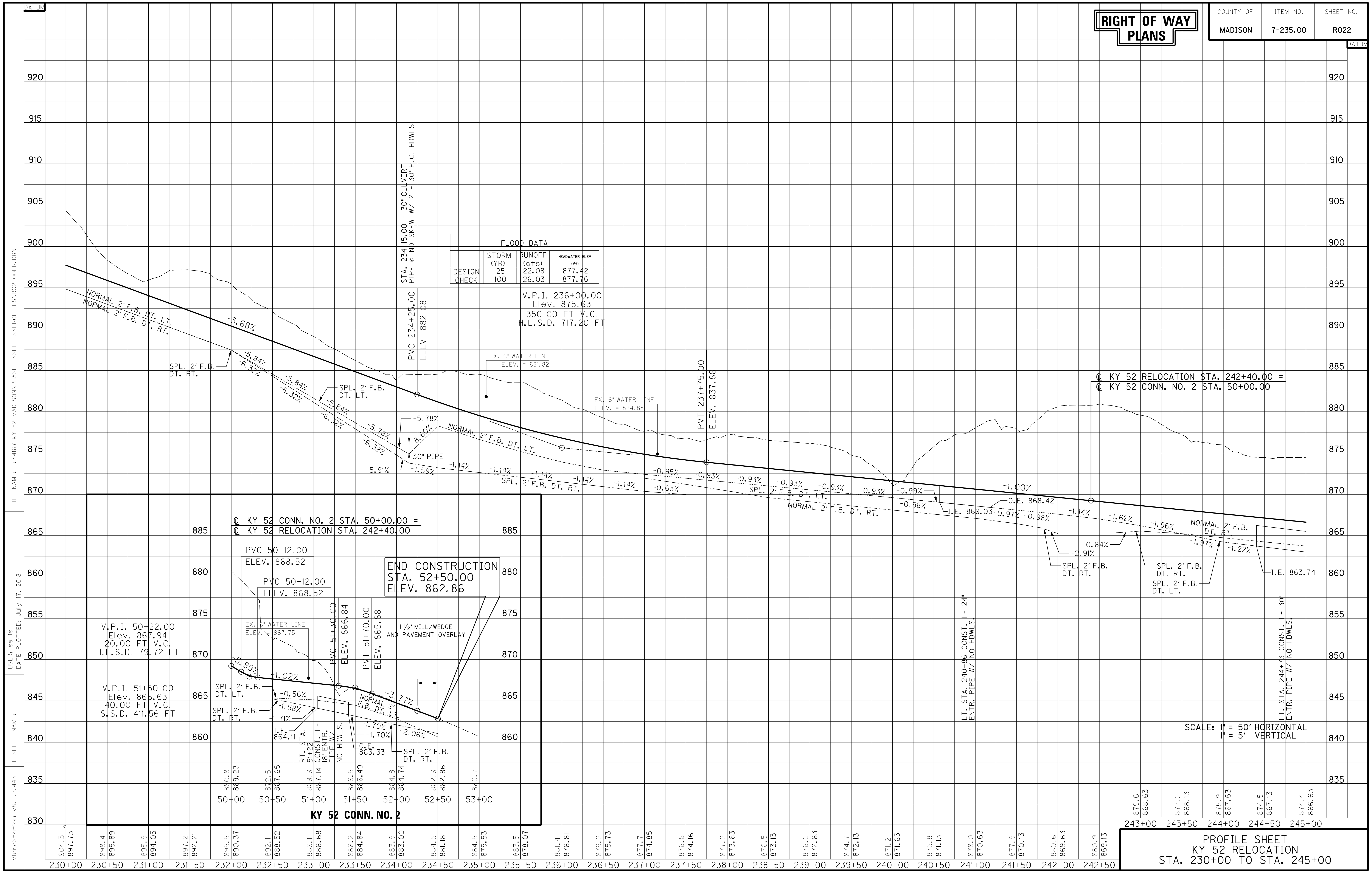
C.P. #15, IRON PIN AND CAP
112.89' RT. STA. 242+61.63, ELEV. 868.32

REMOVE PIPE
RT. STA. 239+72.71 TO STA. 239+81.13,
REMOVE 35 L.F. OF EXIST. 18" RCP

0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 230+00 TO STA. 245+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R02100PL.DGN
USER: efister
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443



RIGHT OF WAY PLANS
COUNTY OF: MADISON
ITEM NO.: 7-235.00
SHEET NO.: R022
DATUM
FLOOD DATA
STORM (YR) | RUNOFF (cfs) | HEADWATER ELEV (ft)
DESIGN 25 22.08 877.42
CHECK 100 26.03 877.76
STA. 234+15.00 - 30" CULVERT PIPE @ NO SKEW W/ 2 - 30" P.C. HDWLS.
PVC 234+25.00 ELEV. 882.08
V.P.I. 236+00.00
Elev. 875.63
350.00 FT V.C.
H.L.S.D. 717.20 FT
PVT 237+75.00 ELEV. 837.88
EX. 6" WATER LINE ELEV. = 881.82
EX. 6" WATER LINE ELEV. = 874.88
-3.68%
NORMAL 2' F.B. DT. LT.
NORMAL 2' F.B. DT. RT.
SPL. 2' F.B. DT. RT.
SPL. 2' F.B. DT. LT.
30" PIPE
SPL. 2' F.B. DT. RT.
SPL. 2' F.B. DT. LT.
NORMAL 2' F.B. DT. RT.
O.E. 868.42
I.E. 869.03
-1.00%
℄ KY 52 RELOCATION STA. 242+40.00 =
℄ KY 52 CONN. NO. 2 STA. 50+00.00
I.E. 863.74
LT. STA. 240+86 CONST. 1 - 24" ENTR. PIPE W/ NO HDWLS.
LT. STA. 244+73 CONST. 1 - 30" ENTR. PIPE W/ NO HDWLS.
SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL
℄ KY 52 CONN. NO. 2 STA. 50+00.00 =
℄ KY 52 RELOCATION STA. 242+40.00
PVC 50+12.00 ELEV. 868.52
PVC 50+12.00 ELEV. 868.52
END CONSTRUCTION
STA. 52+50.00
ELEV. 862.86
EX. 6" WATER LINE ELEV. = 867.75
PVC 51+30.00 ELEV. 866.84
PVT 51+70.00 ELEV. 865.88
1 1/2" MILL/WEDGE AND PAVEMENT OVERLAY
V.P.I. 50+22.00
Elev. 867.94
20.00 FT V.C.
H.L.S.D. 79.72 FT
V.P.I. 51+50.00
Elev. 866.63
40.00 FT V.C.
S.S.D. 411.56 FT
I.E. 864.11
RT. STA. 51+22 CONST. 1 - 18" ENTR. PIPE W/ NO HDWLS.
O.E. 863.33
NORMAL 2' F.B. DT. LT.
KY 52 CONN. NO. 2
PROFILE SHEET
KY 52 RELOCATION
STA. 230+00 TO STA. 245+00
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R022OOPR.DGN
USER: seills
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R023

RIGHT OF WAY PLANS

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
245+10.08 TO 247+00	SPL. 2' F.B. DT.	ECB	335 S.Y.
247+00 TO 250+00	NORMAL 2' F.B. DT.	ECB	529 S.Y.
250+00 TO 251+50	SPL. 2' F.B. DT.	ECB	265 S.Y.
251+50 TO 252+00	SPL. 2' F.B. DT.	TRM I	65 S.Y.
252+00 TO 252+09.75	2' F.B. SURF. DT.	TRM I	10 S.Y.
252+09.75 OUTLET	2' F.B. OUTLET DT.	TRM I	26 S.Y.
252+09.75 TO 253+50	2' F.B. SURF. DT.	TRM II	132 S.Y.
253+50 TO 254+09.14	2' F.B. SURF. DT.	TRM I	56 S.Y.
254+69.30 TO 256+68.35•	2' F.B. SURF. DT.	TRM I	255 S.Y.
ENTR. 257+00 - DITCH LT.	SPL. 2' F.B. DT.	ECB	392 S.Y.
257+25.85 TO 258+46.25•	2' F.B. SURF. DT.	TRM I	154 S.Y.
258+46.25 OUTLET	2' F.B. OUTLET DT.	TRM II	99 S.Y.
258+46.25 TO 259+50	2' F.B. SURF. DT.	TRM I	99 S.Y.
259+50 TO 260+00	2' F.B. SURF. DT.	TRM II	57 S.Y.

• DEPTH TO PROTECT = 1.5'

STEEL "W" BEAM GUARDRAIL CONSTRUCTION CHART

LT	RT	STATION TO STATION	SINGLE FACE (FT)	BRIDGE CONN. TYPE A (EACH)	END TREAT. TYPE 3 (EACH)	TERM. SEC. TYPE 1 (EACH)
X	-	245+00 TO 252+36.50	736.56	1	-	-
-	X	248+87.48 TO 252+36.50	350.00	1	1	-
-	X	253+07.14 TO 253+09.08	25.00	-	-	2
-	X	257+01.97 TO 257+08.08	25.00	-	-	2
X	-	258+19.50 TO 260+00	180.50	1	-	-
-	X	258+19.50 TO 260+00	180.50	1	-	-

RIGHT OF WAY CALLS

- (A) N 36°27'01" E 55.43'
- (B) S 51°37'30" W 112.06'
- (C) S 38°22'28" E 15.00'
- (D) S 51°37'30" W 45.29'
- (E) RADIUS = 528.34' ARC LENGTH = 252.68' CHORD LENGTH = 250.28' BEARING = S 65°19'35" W
- (F) S 41°56'27" W 489.45'

R/W MONUMENT - TYPE 1
LT. STA. 245+00 TO STA. 260+00, CONST. 4

ASPHALT WEDGE CURB
LT. STA. 258+63.75 TO STA. 260+00, CONST. 136.25 L.F.

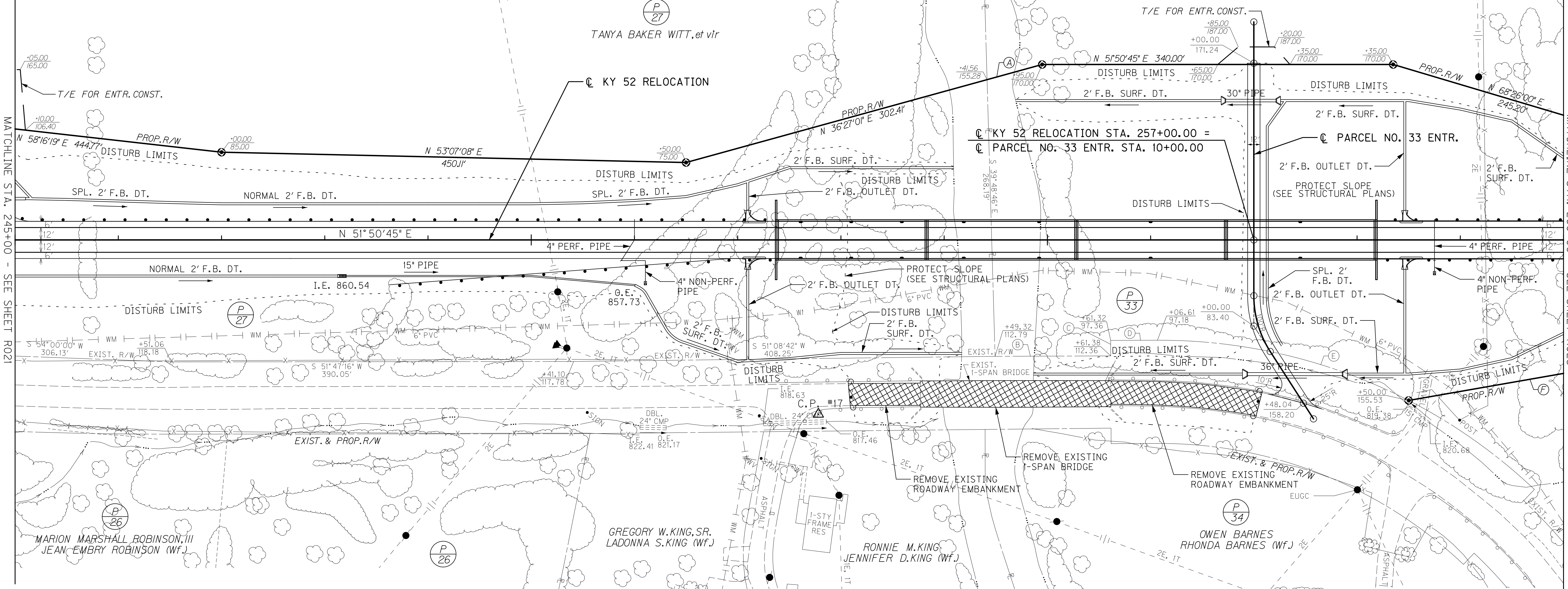
CONSTRUCT STRUCTURE
STA. 252+36.50 TO STA. 258+19.50 CONSTRUCT 4-SPAN TYPE 8 P.C.I.B. BRIDGE 145'-145'-145'-145' @ 0° SKEW

FLUME INLET TYPE 2
LT. STA. 252+09.75 CONST. 1 FLUME INLET TYPE 2.

LT. STA. 258+46.25 CONST. 1 FLUME INLET TYPE 2.

ISLAND HEADER CURB TYPE 2
LT. STA. 252+27.25 TO STA. 252+36.50, CONST. 9.25 L.F.

LT. STA. 258+19.50 TO STA. 258+41.25, CONST. 21.75 L.F.



DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
245+00 TO 248+12.48	NORMAL 2' F.B. DT.	ECB	551 S.Y.
251+00.52 TO 251+50	2' F.B. SURF. DT.	TRM II	54 S.Y.
251+50 TO 252+09.75	2' F.B. SURF. DT.	TRM I	53 S.Y.
252+09.75 OUTLET	2' F.B. OUTLET DT.	TRM I	82 S.Y.
252+09.75 TO 254+17.08	2' F.B. SURF. DT.	TRM I	167 S.Y.
254+86.57 TO 256+88.97•	2' F.B. SURF. DT.	TRM I	259 S.Y.
257+90.64 TO 258+46.25	2' F.B. SURF. DT.	TRM I	52 S.Y.
258+46.25 OUTLET	2' F.B. OUTLET DT.	TRM II	94 S.Y.
258+46.25 TO 260+00	2' F.B. SURF. DT.	TRM I	150 S.Y.

• DEPTH TO PROTECT = 1.5'

ISLAND HEADER CURB TYPE 2
RT. STA. 252+27.25 TO STA. 252+36.50, CONST. 9.25 L.F.

RT. STA. 258+19.50 TO STA. 258+41.25, CONST. 21.75 L.F.

R/W MONUMENT - TYPE 1
RT. STA. 245+00 TO STA. 260+00, CONST. 1

FLUME INLET TYPE 2
RT. STA. 252+09.75 CONST. 1 FLUME INLET TYPE 2.

RT. STA. 258+46.25 CONST. 1 FLUME INLET TYPE 2.

C.P. #17, CONC. MON. AND DISK
168.83' RT. STA. 252+78.17, ELEV. 823.97

CYCLOPEAN RIP RAP
RT. STA. 253+07.14 TO STA. 257+07.87
INSTALL 657 TONS OF CYCLOPEAN RIP RAP

GEOTEXTILE FABRIC TY I
RT. STA. 253+07.14 TO STA. 257+07.87
INSTALL 811 SQ. YD. OF GEOTEXTILE FABRIC TY I

ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	-	257+00	RESIDENTIAL	12'	473	39	80	174	30", 36"	50', 93'

REMOVE GUARDRAIL
RT. STA. 253+06.98 TO STA. 253+76.92, REMOVE 69.95 L.F.

RT. STA. 253+09.28 TO STA. 253+76.91, REMOVE 67.64 L.F.

RT. STA. 255+61.48 TO STA. 257+58.54, REMOVE 199.44 L.F.

RT. STA. 255+61.69 TO STA. 257+01.87, REMOVE 140.87 L.F.

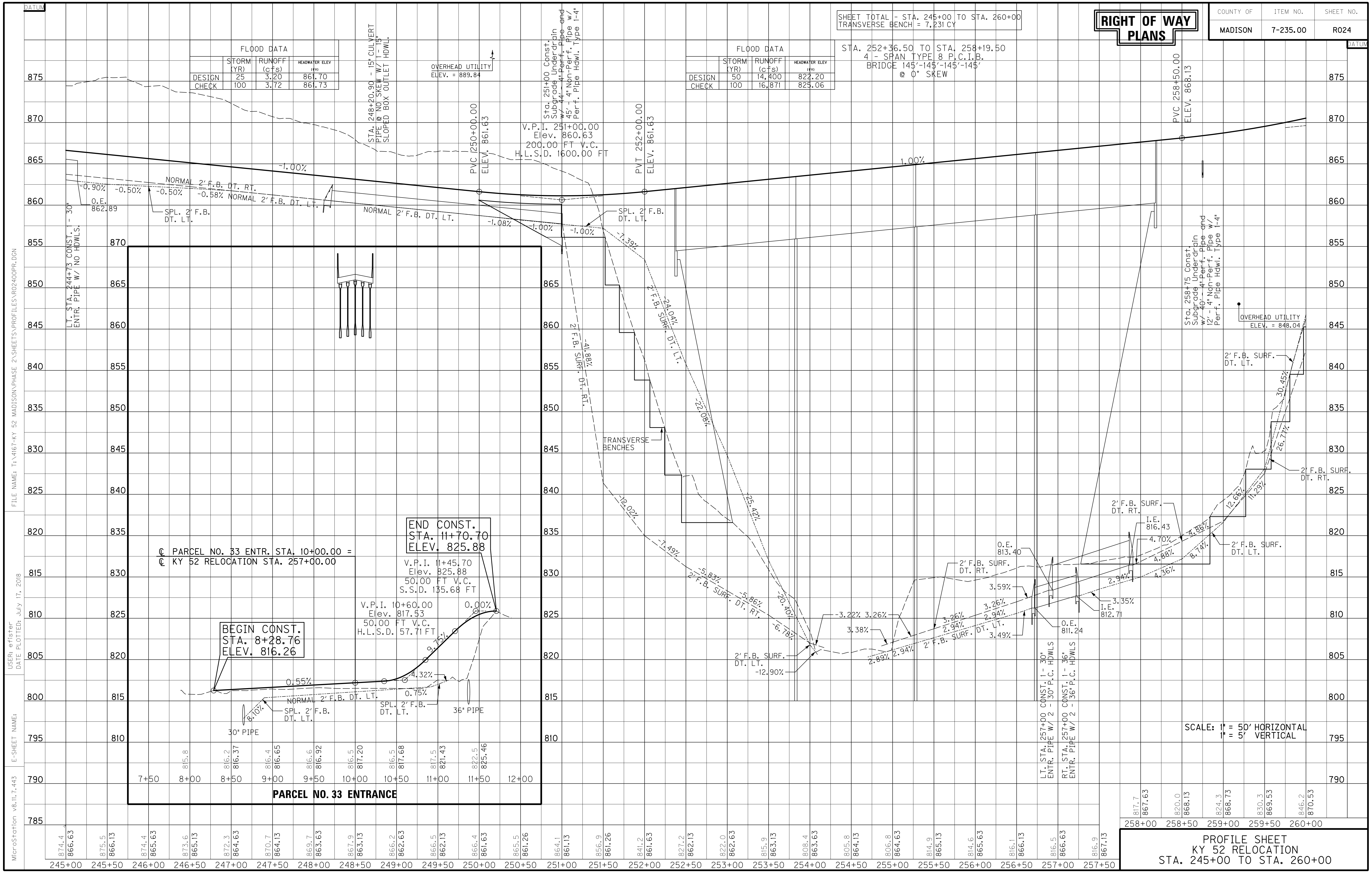
REMOVE EXISTING STRUCTURE
RT. STA. 253+07.14 TO STA. 257+08.08
REMOVE EXISTING 1-SPAN BRIDGE AND ROADWAY EMBANKMENT

ASPHALT WEDGE CURB
RT. STA. 258+63.75 TO STA. 260+00, CONST. 136.25 L.F.

REMOVE PAVEMENT
RT. STA. 253+07.14 TO STA. 257+07.87
REMOVE 1056 SQ. YD. OF EXISTING PAVEMENT

0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 245+00 TO STA. 260+00


RIGHT OF WAY PLANS
COUNTY OF: MADISON
ITEM NO.: 7-235.00
SHEET NO.: R024
SHEET TOTAL - STA. 245+00 TO STA. 260+00
TRANSVERSE BENCH = 7,231 CY
FLOOD DATA
STORM (YR) | RUNOFF (cfs) | HEADWATER ELEV (ft)
DESIGN 25 | 3.20 | 861.70
CHECK 100 | 3.72 | 861.73
FLOOD DATA
DESIGN 50 | 14,400 | 822.20
CHECK 100 | 16,871 | 825.06
STA. 252+36.50 TO STA. 258+19.50
4 - SPAN TYPE 8 P.C.I.B.
BRIDGE 145'-145'-145'-145'
@ 0° SKEW
OVERHEAD UTILITY ELEV. = 889.84
STA. 248+20.90 - 15" CULVERT PIPE @ NO SKEW W/ 1 - 15" SLOPED BOX OUTLET HDWL.
Sta. 251+00 Const. Subgrade Underdrain w/ 44' - 4" Perf. Pipe and 45' - 4" Non-Perf. Pipe w/ Perf. Pipe Hdwl. Type 1-4"
PVC 250+00.00 ELEV. 861.63
V.P.I. 251+00.00
Elev. 860.63
200.00 FT V.C.
H.L.S.D. 1600.00 FT
PVT 252+00.00 ELEV. 861.63
PVC 258+50.00 ELEV. 868.13
-1.00%
1.00%
NORMAL 2' F.B. DT. RT.
NORMAL 2' F.B. DT. LT.
SPL. 2' F.B. DT. LT.
O.E. 862.89
LT. STA. 244+73 CONST. 1 - 30" ENTR. PIPE W/ NO HDWLS.
2' F.B. SURF. DT. RT.
2' F.B. SURF. DT. LT.
TRANSVERSE BENCHES
Sta. 258+75 Const. Subgrade Underdrain w/ 40' - 4" Perf. Pipe and 12' - 4" Non-Perf. Pipe w/ Perf. Pipe Hdwl. Type 1-4"
OVERHEAD UTILITY ELEV. = 848.04
I.E. 816.43
O.E. 813.40
I.E. 812.71
O.E. 811.24
LT. STA. 257+00 CONST. 1 - 30" ENTR. PIPE W/ 2 - 30" P.C. HDWLS
RT. STA. 257+00 CONST. 1 - 36" ENTR. PIPE W/ 2 - 36" P.C. HDWLS
SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL
℄ PARCEL NO. 33 ENTR. STA. 10+00.00 =
℄ KY 52 RELOCATION STA. 257+00.00
BEGIN CONST. STA. 8+28.76 ELEV. 816.26
END CONST. STA. 11+70.70 ELEV. 825.88
V.P.I. 11+45.70
Elev. 825.88
50.00 FT V.C.
S.S.D. 135.68 FT
V.P.I. 10+60.00
Elev. 817.53
50.00 FT V.C.
H.L.S.D. 57.71 FT
0.55%
0.00%
30" PIPE
36" PIPE
PARCEL NO. 33 ENTRANCE
PROFILE SHEET
KY 52 RELOCATION
STA. 245+00 TO STA. 260+00
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R024OOPR.DGN
USER: efister
DATE PLOTTED: July 17, 2018
MicroStation v8.11.7.443

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
260+00 TO 260+50	2' F.B. SURF. DT.	TRM II	48 S.Y.
260+50 TO 262+00	2' F.B. SURF. DT.	TRM I	143 S.Y.
262+00 TO 263+50	SPL. 2' F.B. DT.	TRM I	196 S.Y.
263+50 TO 269+00	NORMAL 2' F.B. DT.	ROCK	-
269+00 TO 272+26.55	SPL. 2' F.B. DT.	ROCK	-
274+00 TO 274+81.68	SPL. 2' F.B. DT.	ROCK	-
274+81.68 INTERCEPTOR	2' F.B. INT. DT.	ROCK	-
274+81.68 TO 275+00	SPL. 2' F.B. DT.	ROCK	-

PAVEMENT TRANSITION

LT. STA. 266+70, BEGIN PAVEMENT TRANSITION FROM 12' TO 18'

LT. STA. 270+00, END PAVEMENT TRANSITION FROM 12' TO 18'

LT. STA. 273+93, BEGIN PAVEMENT TRANSITION FROM 30' TO 24'

ASPHALT WEDGE CURB

LT. STA. 260+00 TO STA. 260+32.11, CONST. 32.11 L.F.

R/W MONUMENT - TYPE 1

LT. STA. 260+00 TO STA. 275+00, CONST. 4

RIGHT OF WAY CALLS

Ⓐ N 22°49'09" E 43.17'

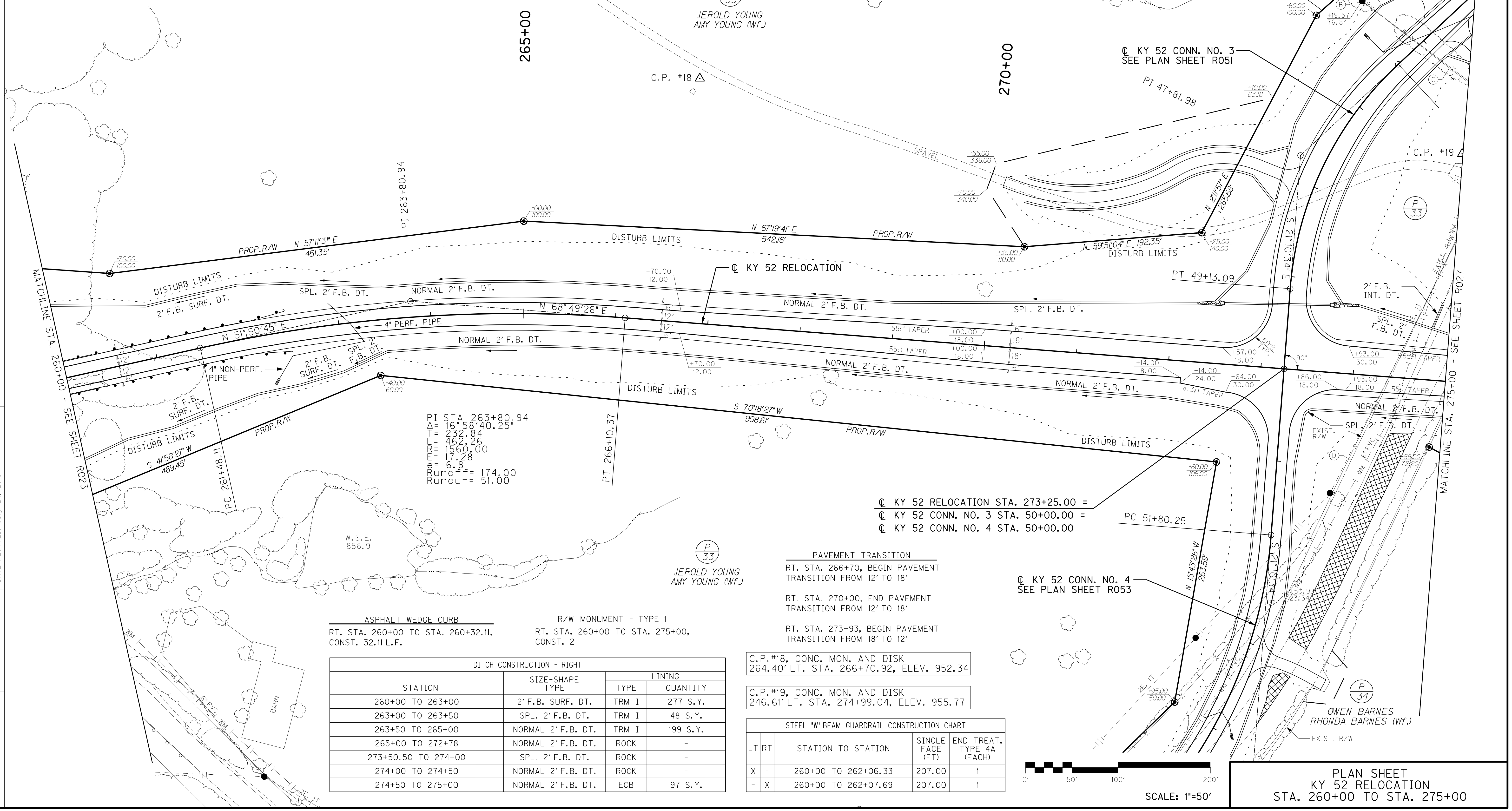
Ⓑ S 77°31'40" E 21.48'

Ⓒ S 78°12'08" E 207.26'

Ⓓ S 0°10'30" E 582.92'

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R025



PAVEMENT TRANSITION

RT. STA. 266+70, BEGIN PAVEMENT TRANSITION FROM 12' TO 18'

RT. STA. 270+00, END PAVEMENT TRANSITION FROM 12' TO 18'

RT. STA. 273+93, BEGIN PAVEMENT TRANSITION FROM 18' TO 12'

ASPHALT WEDGE CURB

RT. STA. 260+00 TO STA. 260+32.11, CONST. 32.11 L.F.

R/W MONUMENT - TYPE 1

RT. STA. 260+00 TO STA. 275+00, CONST. 2

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
260+00 TO 263+00	2' F.B. SURF. DT.	TRM I	277 S.Y.
263+00 TO 263+50	SPL. 2' F.B. DT.	TRM I	48 S.Y.
263+50 TO 265+00	NORMAL 2' F.B. DT.	TRM I	199 S.Y.
265+00 TO 272+78	NORMAL 2' F.B. DT.	ROCK	-
273+50.50 TO 274+00	SPL. 2' F.B. DT.	ROCK	-
274+00 TO 274+50	NORMAL 2' F.B. DT.	ROCK	-
274+50 TO 275+00	NORMAL 2' F.B. DT.	ECB	97 S.Y.

C.P. #18, CONC. MON. AND DISK
264.40' LT. STA. 266+70.92, ELEV. 952.34

C.P. #19, CONC. MON. AND DISK
246.61' LT. STA. 274+99.04, ELEV. 955.77

STEEL "W" BEAM GUARDRAIL CONSTRUCTION CHART				
LT	RT	STATION TO STATION	SINGLE FACE (FT)	END TREAT. TYPE 4A (EACH)
X	-	260+00 TO 262+06.33	207.00	1
-	X	260+00 TO 262+07.69	207.00	1

PLAN SHEET
KY 52 RELOCATION
STA. 260+00 TO STA. 275+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R02500PL.DGN

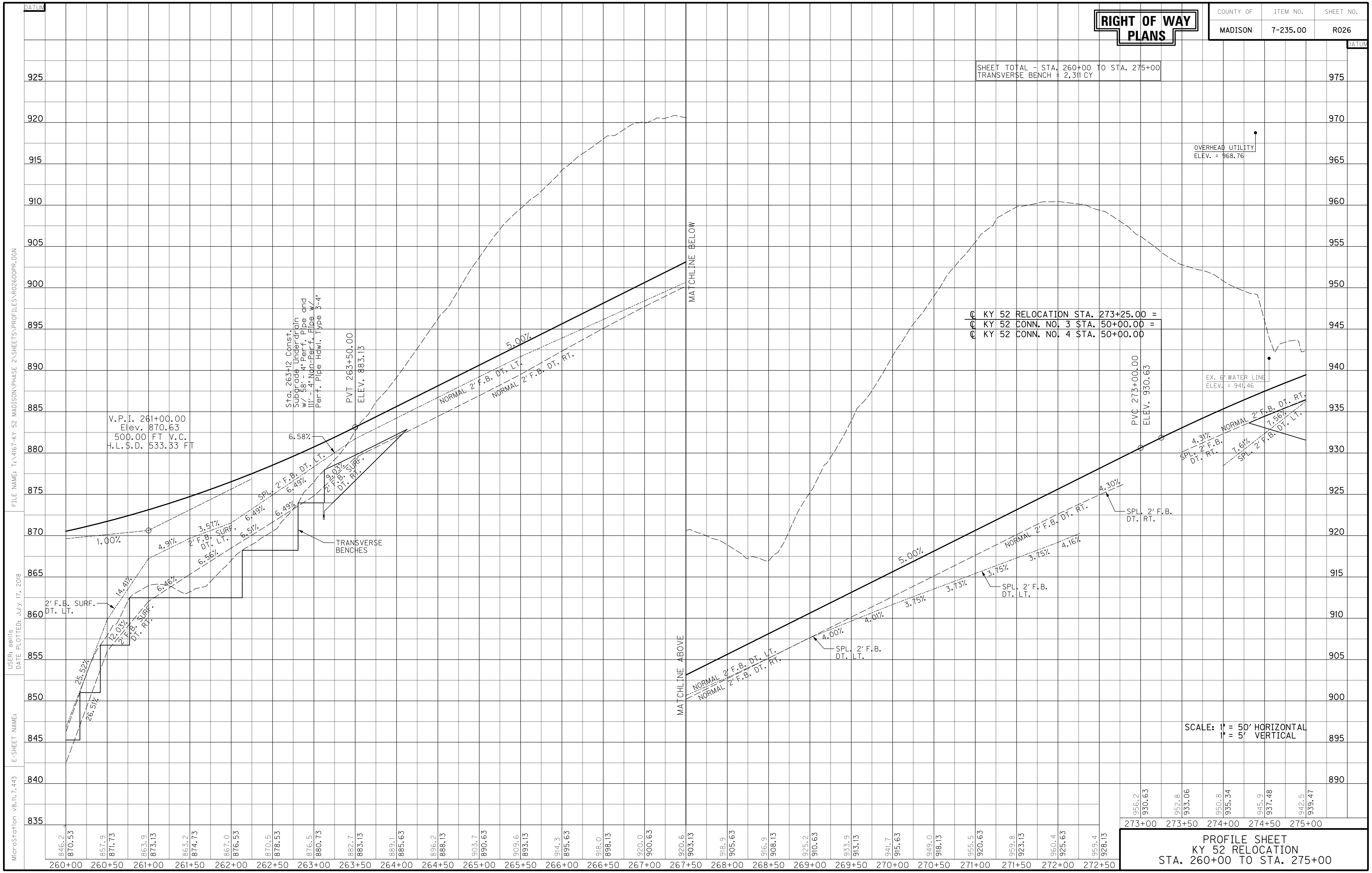
USER: efister
DATE PLOTTED: July 24, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R026

RIGHT OF WAY PLANS



PROFILE SHEET
KY 52 RELOCATION
STA. 260+00 TO STA. 275+00

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R027

RIGHT OF WAY PLANS

RIGHT OF WAY CALLS

- (A) S 14°57'55" E 163.14'
- (B) S 65°47'35" W 181.3'
- (C) N 86°45'46" W 183.40'
- (D) N 38°05'26" E 39.75'
- (E) S 51°50'25" E 286.01'
- (F) S 51°03'17" E 128.32'
- (G) S 51°48'34" E 331.57'
- (H) S 33°34'02" E 65.01'
- (I) S 25°02'15" E 323.96'
- (J) N 31°57'50" E 162.31'
- (K) S 56°58'40" W 143.27'
- (L) N 51°48'34" W 149.17'

PAVEMENT TRANSITION

LT. STA. 277+23, END PAVEMENT TRANSITION FROM 30' TO 24'

LT. STA. 277+23, BEGIN PAVEMENT TRANSITION FROM 24' TO 12'

LT. STA. 278+23, END PAVEMENT TRANSITION FROM 24' TO 12'

R/W MONUMENT - TYPE 1

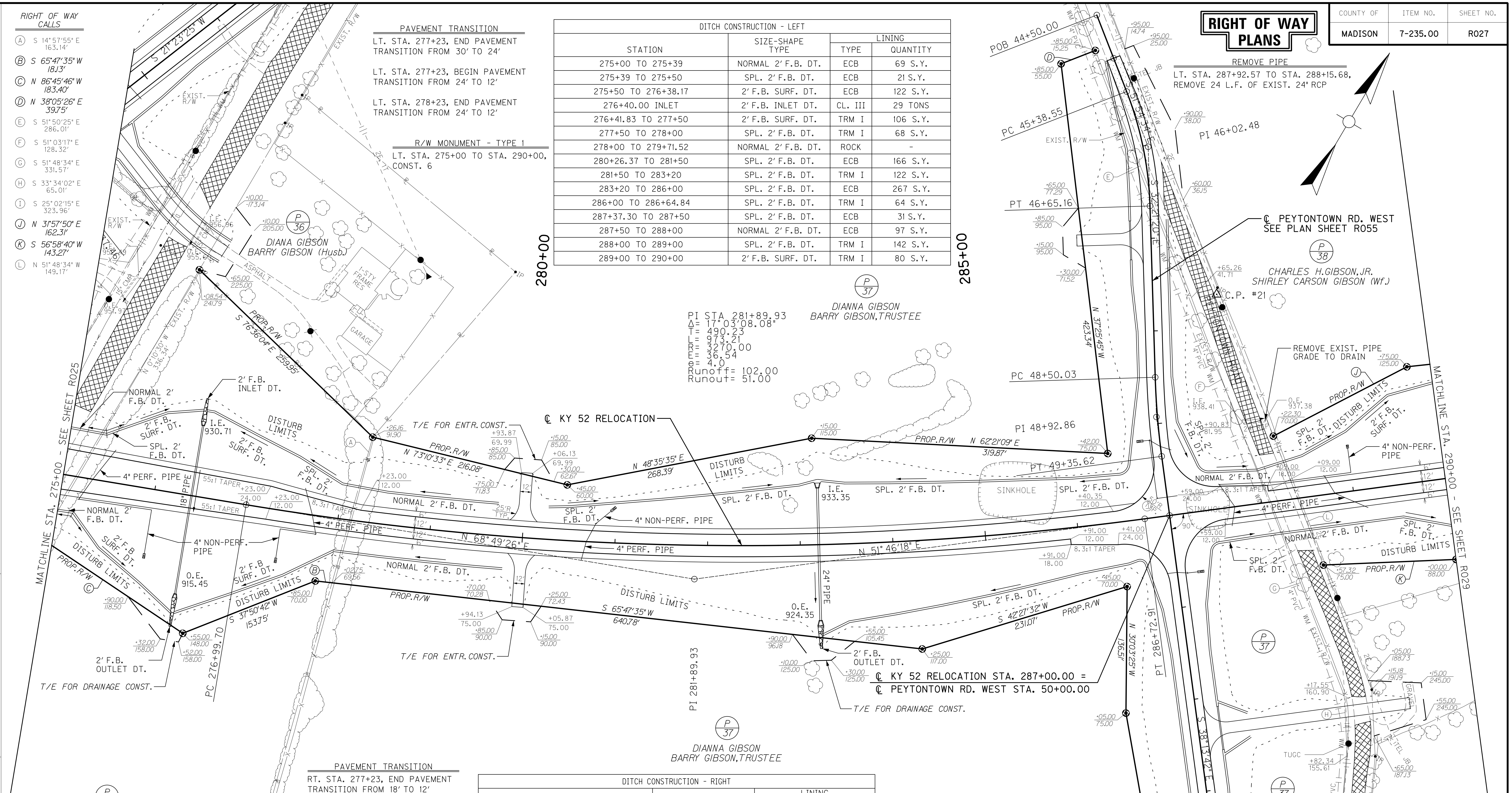
LT. STA. 275+00 TO STA. 290+00, CONST. 6

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
275+00 TO 275+39	NORMAL 2' F.B. DT.	ECB	69 S.Y.
275+39 TO 275+50	SPL. 2' F.B. DT.	ECB	21 S.Y.
275+50 TO 276+38.17	2' F.B. SURF. DT.	ECB	122 S.Y.
276+40.00 INLET	2' F.B. INLET DT.	CL. III	29 TONS
276+41.83 TO 277+50	2' F.B. SURF. DT.	TRM I	106 S.Y.
277+50 TO 278+00	SPL. 2' F.B. DT.	TRM I	68 S.Y.
278+00 TO 279+71.52	NORMAL 2' F.B. DT.	ROCK	-
280+26.37 TO 281+50	SPL. 2' F.B. DT.	ECB	166 S.Y.
281+50 TO 283+20	SPL. 2' F.B. DT.	TRM I	122 S.Y.
283+20 TO 286+00	SPL. 2' F.B. DT.	ECB	267 S.Y.
286+00 TO 286+64.84	SPL. 2' F.B. DT.	TRM I	64 S.Y.
287+37.30 TO 287+50	SPL. 2' F.B. DT.	ECB	31 S.Y.
287+50 TO 288+00	NORMAL 2' F.B. DT.	ECB	97 S.Y.
288+00 TO 289+00	SPL. 2' F.B. DT.	TRM I	142 S.Y.
289+00 TO 290+00	2' F.B. SURF. DT.	TRM I	80 S.Y.

REMOVE PIPE

LT. STA. 287+92.57 TO STA. 288+15.68, REMOVE 24 L.F. OF EXIST. 24" RCP



PAVEMENT TRANSITION

RT. STA. 277+23, END PAVEMENT TRANSITION FROM 18' TO 12'

SINKHOLES

STATION	CLEAN	GEOTEXTILE FABRIC TY IV (SY)	GRANULAR EMBANKMENT (CY)
285+02	1	1223	290
287+24	1	426	101

*SEE GEOTECHNICAL NOTES FOR FURTHER TREATMENT

ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	280+00	RESIDENTIAL	12'	81	7	14	30	-	-
-	X	280+00	RESIDENTIAL	12'	87	7	15	32	-	-

DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
275+00 TO 275+17	NORMAL 2' F.B. DT.	ECB	33 S.Y.
275+17 TO 276+38.21	2' F.B. SURF. DT.	TRM I	140 S.Y.
276+40.00 OUTLET	2' F.B. OUTLET DT.	CL. II	22 TONS
276+41.79 TO 278+00	2' F.B. SURF. DT.	TRM I	173 S.Y.
278+00 TO 279+80.71	NORMAL 2' F.B. DT.	ECB	352 S.Y.
283+20.00 OUTLET	2' F.B. OUTLET DT.	CL. II	19 TONS
283+22.30 TO 286+50	SPL. 2' F.B. DT.	TRM I	245 S.Y.
286+50 TO 286+68.30	SPL. 2' F.B. DT.	ECB	25 S.Y.
287+38.34 TO 288+00	SPL. 2' F.B. DT.	ECB	132 S.Y.
288+00 TO 289+50	NORMAL 2' F.B. DT.	ECB	289 S.Y.
289+50 TO 290+00	SPL. 2' F.B. DT.	TRM I	38 S.Y.

R/W MONUMENT - TYPE 1

RT. STA. 275+00 TO STA. 290+00, CONST. 6

C.P.#21, CONC. MON. AND DISK
229.62' LT. STA. 287+81.87, ELEV. 944.97

C.P.#22, CONC. MON. AND DISK
432.71' RT. STA. 288+47.87, ELEV. 945.86

0' 50' 100' 200'

SCALE: 1"=50'

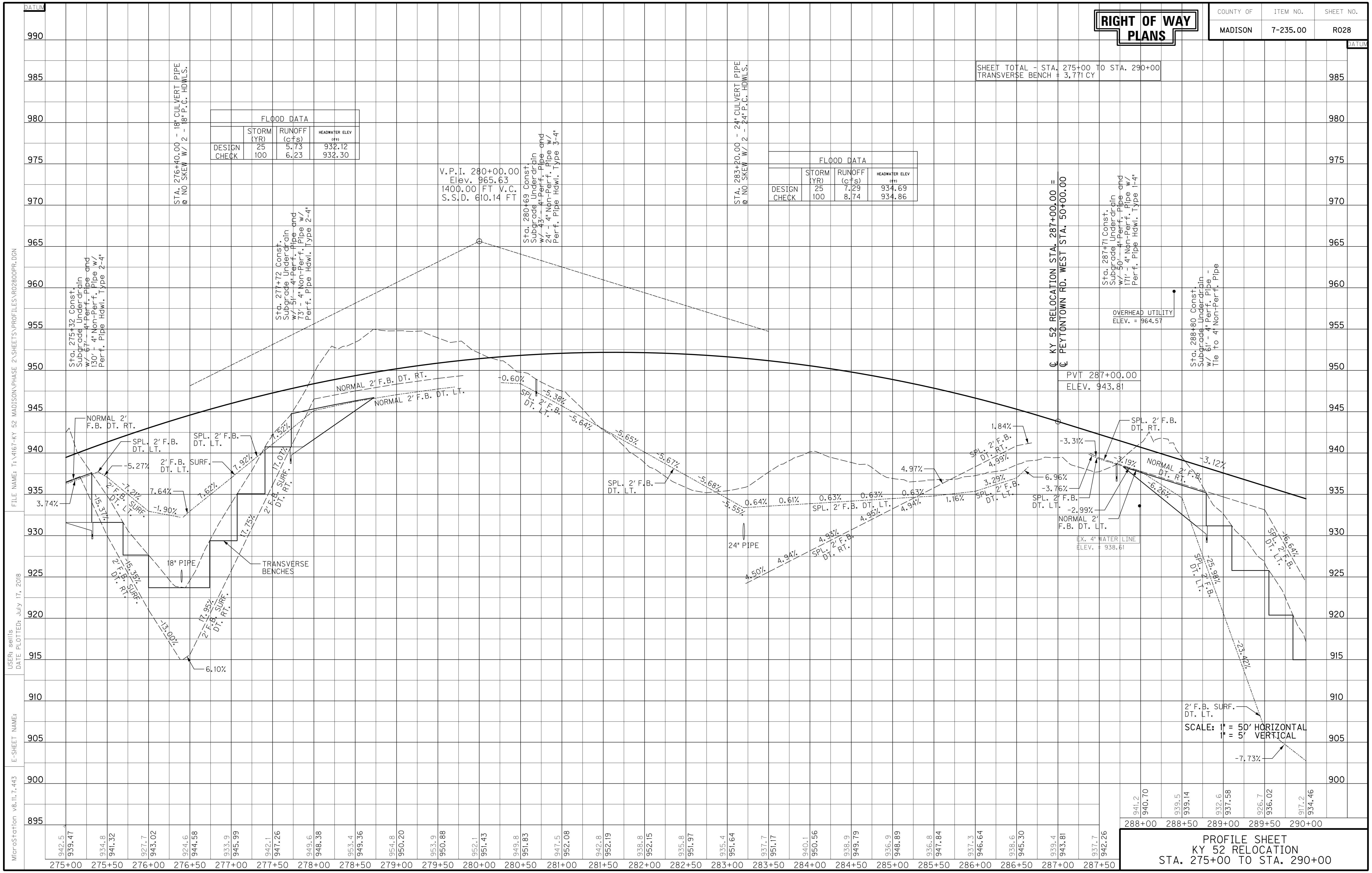
PLAN SHEET
KY 52 RELOCATION
STA. 275+00 TO STA. 290+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R027OOPL.DGN

USER: efister
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443



RIGHT OF WAY PLANS
COUNTY OF | ITEM NO. | SHEET NO.
MADISON | 7-235.00 | R028
SHEET TOTAL - STA. 275+00 TO STA. 290+00
TRANSVERSE BENCH = 3,771 CY
FLOOD DATA
STORM (YR) | RUNOFF (cfs) | HEADWATER ELEV (ft)
DESIGN 25 5.73 932.12
CHECK 100 6.23 932.30
FLOOD DATA
STORM (YR) | RUNOFF (cfs) | HEADWATER ELEV (ft)
DESIGN 25 7.29 934.69
CHECK 100 8.74 934.86
STA. 276+40.00 - 18" CULVERT PIPE @ NO SKEW W/ 2 - 18" P.C. HDWLS.
STA. 283+20.00 - 24" CULVERT PIPE @ NO SKEW W/ 2 - 24" P.C. HDWLS.
V.P.I. 280+00.00
Elev. 965.63
1400.00 FT V.C.
S.S.D. 610.14 FT
Sta. 275+32 Const. Subgrade Underdrain w/ 67' - 4" Perf. Pipe and 130' - 4" Non-Perf. Pipe w/ Perf. Pipe Hdwl. Type 2-4"
Sta. 277+72 Const. Subgrade Underdrain w/ 51' - 4" Perf. Pipe and 73' - 4" Non-Perf. Pipe w/ Perf. Pipe Hdwl. Type 2-4"
Sta. 280+69 Const. Subgrade Underdrain w/ 43' - 4" Perf. Pipe and 24' - 4" Non-Perf. Pipe w/ Perf. Pipe Hdwl. Type 3-4"
Sta. 287+71 Const. Subgrade Underdrain w/ 50' - 4" Perf. Pipe and 171' - 4" Non-Perf. Pipe w/ Perf. Pipe Hdwl. Type 1-4"
Sta. 288+80 Const. Subgrade Underdrain w/ 61' - 4" Perf. Pipe - Tie to 4" Non-Perf. Pipe
℄ KY 52 RELOCATION STA. 287+00.00 =
℄ PEYTONTOWN RD. WEST STA. 50+00.00
PVT 287+00.00
ELEV. 943.81
OVERHEAD UTILITY ELEV. = 964.57
EX. 4" WATER LINE ELEV. = 938.61
NORMAL 2' F.B. DT. RT.
NORMAL 2' F.B. DT. LT.
SPL. 2' F.B. DT. LT.
SPL. 2' F.B. DT. RT.
2' F.B. SURF. DT. LT.
2' F.B. SURF. DT. RT.
TRANSVERSE BENCHES
18" PIPE
24" PIPE
3.74% -5.27% -7.21% -15.37% -1.90% 7.64% 7.62% 7.92% 7.52% -16.35% -13.00% 6.10% 17.95% 17.75% 17.01%
-0.60% -5.38% -5.64% -5.65% -5.67% -5.68% -5.55% 0.64% 0.61% 0.63% 0.63% 0.63% 1.16% 4.50% 4.94% 4.93% 4.96% 4.94% 4.97% 4.99% 3.29% 1.84%
-3.31% 6.96% -3.76% -2.99% -3.19% -6.26% -3.12% -16.64% -25.98% -23.42% -7.73%
SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL
DATUM
990 985 980 975 970 965 960 955 950 945 940 935 930 925 920 915 910 905 900 895
942.5 939.47 | 934.8 941.32 | 927.7 943.02 | 924.6 944.58 | 933.9 945.99 | 942.1 947.26 | 949.6 948.38 | 953.4 949.36 | 954.8 950.20 | 953.9 950.88 | 952.1 951.43 | 949.8 951.83 | 947.5 952.08 | 942.8 952.19 | 938.8 952.15 | 935.8 951.97 | 935.4 951.64 | 937.7 951.17 | 940.1 950.56 | 938.9 949.79 | 936.9 948.89 | 936.8 947.84 | 937.3 946.64 | 938.6 945.30 | 939.4 943.81 | 937.7 942.26
941.2 940.70 | 939.5 939.14 | 932.6 937.58 | 926.7 936.02 | 917.2 934.46
275+00 275+50 276+00 276+50 277+00 277+50 278+00 278+50 279+00 279+50 280+00 280+50 281+00 281+50 282+00 282+50 283+00 283+50 284+00 284+50 285+00 285+50 286+00 286+50 287+00 287+50
288+00 288+50 289+00 289+50 290+00
PROFILE SHEET
KY 52 RELOCATION
STA. 275+00 TO STA. 290+00
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R0280OPR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

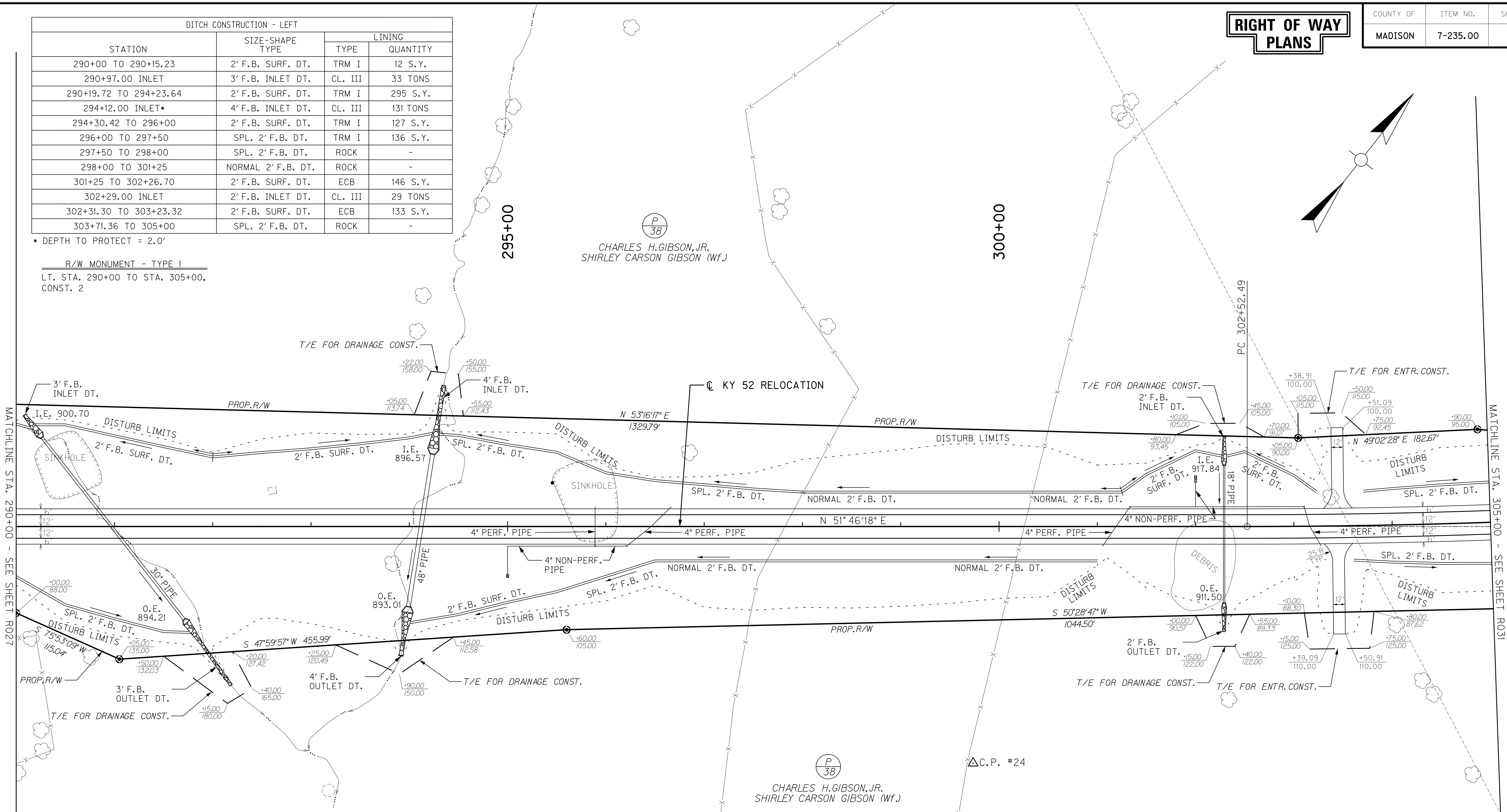
COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R029

RIGHT OF WAY PLANS

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
290+00 TO 290+15.23	2' F.B. SURF. DT.	TRM I	12 S.Y.
290+97.00 INLET	3' F.B. INLET DT.	CL. III	33 TONS
290+19.72 TO 294+23.64	2' F.B. SURF. DT.	TRM I	295 S.Y.
294+12.00 INLET*	4' F.B. INLET DT.	CL. III	131 TONS
294+30.42 TO 296+00	2' F.B. SURF. DT.	TRM I	127 S.Y.
296+00 TO 297+50	SPL. 2' F.B. DT.	TRM I	136 S.Y.
297+50 TO 298+00	SPL. 2' F.B. DT.	ROCK	-
298+00 TO 301+25	NORMAL 2' F.B. DT.	ROCK	-
301+25 TO 302+26.70	2' F.B. SURF. DT.	ECB	146 S.Y.
302+29.00 INLET	2' F.B. INLET DT.	CL. III	29 TONS
302+31.30 TO 303+23.32	2' F.B. SURF. DT.	ECB	133 S.Y.
303+71.36 TO 305+00	SPL. 2' F.B. DT.	ROCK	-

* DEPTH TO PROTECT = 2.0'

R/W MONUMENT - TYPE 1
LT. STA. 290+00 TO STA. 305+00, CONST. 2



DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
290+00 TO 291+77	2' F.B. SURF. DT.	TRM I	136 S.Y.
290+97.00 OUTLET*	3' F.B. OUTLET DT.	CL. II	89 TONS
294+12.00 OUTLET*	4' F.B. OUTLET DT.	CL. II	59 TONS
294+00.79 TO 296+00	2' F.B. SURF. DT.	TRM I	148 S.Y.
296+00 TO 296+50	SPL. 2' F.B. DT.	TRM I	66 S.Y.
296+50 TO 297+00	NORMAL 2' F.B. DT.	TRM I	63 S.Y.
297+00 TO 300+50	NORMAL 2' F.B. DT.	ROCK	-
300+50 TO 301+00	NORMAL 2' F.B. DT.	ECB	89 S.Y.
302+29.00 OUTLET	2' F.B. OUTLET DT.	CL. II	18 TONS
303+60.54 TO 304+50	SPL. 2' F.B. DT.	ECB	159 S.Y.
304+50 TO 305+00	SPL. 2' F.B. DT.	ROCK	-

* DEPTH TO PROTECT = 2.0'

R/W MONUMENT - TYPE 1
RT. STA. 290+00 TO STA. 305+00, CONST. 2

ENTRANCE CONSTRUCTION CHART											
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	303+45	RESIDENTIAL	12'	121	10	20	45	-	-
-	X	303+45	RESIDENTIAL	12'	134	11	23	49	-	-

SINKHOLES			
STATION	CLEAN	GEOTEXTILE FABRIC TY IV (SY)	GRANULAR EMBANKMENT (CY)
290+20	1	828	307
295+46	1	1062	865

*SEE GEOTECHNICAL NOTES FOR FURTHER TREATMENT

C.P. #24, CONC. MON. AND DISK
240.88' RT. STA. 299+73.63, ELEV. 944.39

0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 290+00 TO STA. 305+00

MicroStation v8.11.7.443
E-SHEET NAME:
USER: efister
DATE PLOTTED: July 17, 2018
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R0290OPL.DGN

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R030

RIGHT OF WAY PLANS

SHEET TOTAL - STA. 290+00 TO STA. 305+00
TRANSVERSE BENCH = 9,094 CY

STA. 290+87.00 - 30" CULVERT PIPE @ 38°00'00" SKEW LT. W/ 2 - 30" P.C. HDWLS.

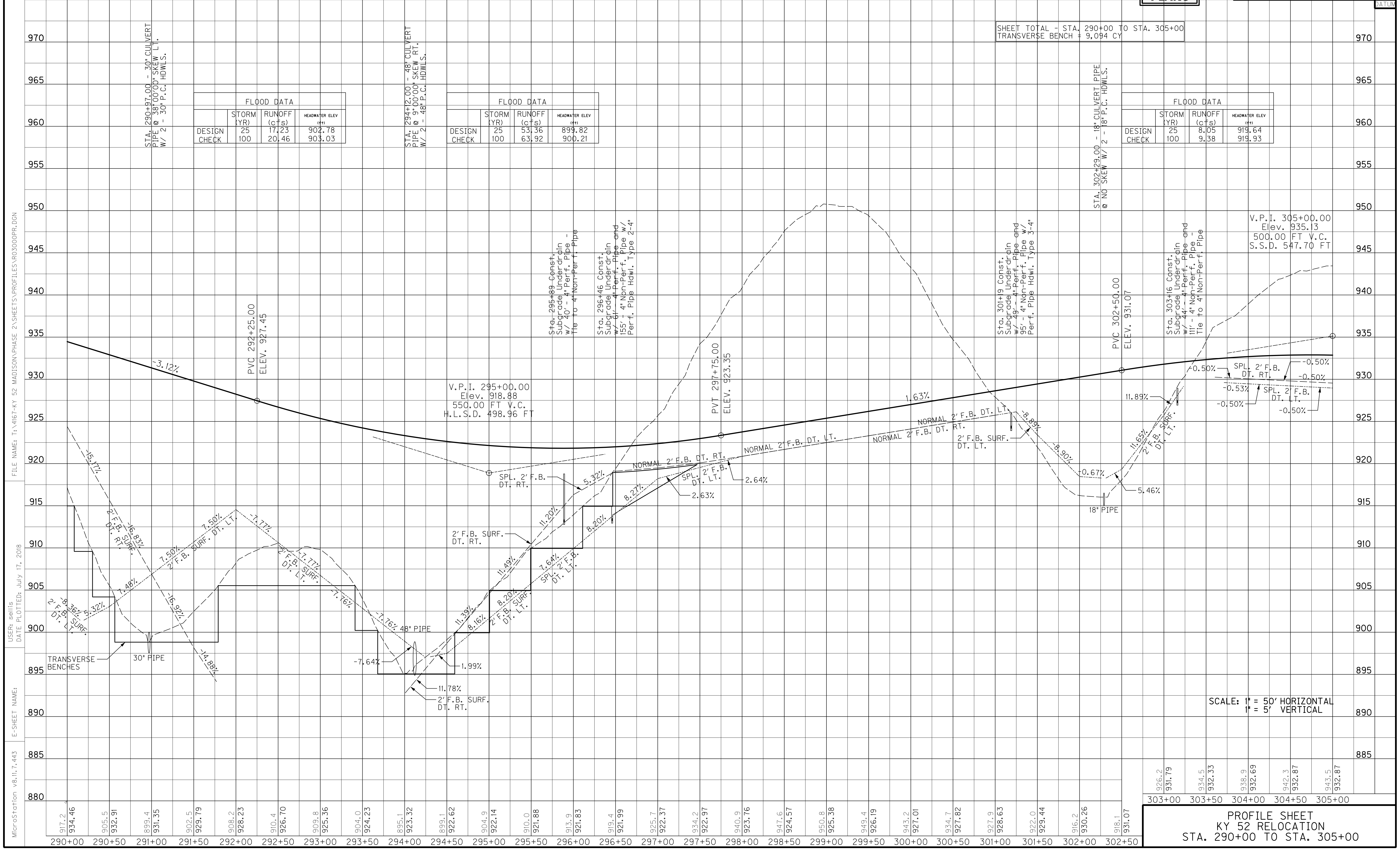
FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	17.23	902.78
CHECK	100	20.46	903.03

STA. 294+12.00 - 48" CULVERT PIPE @ 9°00'00" SKEW RT. W/ 2 - 48" P.C. HDWLS.

FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	53.36	899.82
CHECK	100	63.92	900.21

STA. 302+29.00 - 18" CULVERT PIPE @ NO SKEW W/ 2 - 18" P.C. HDWLS.

FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	8.05	919.64
CHECK	100	9.38	919.93



PROFILE SHEET
KY 52 RELOCATION
STA. 290+00 TO STA. 305+00

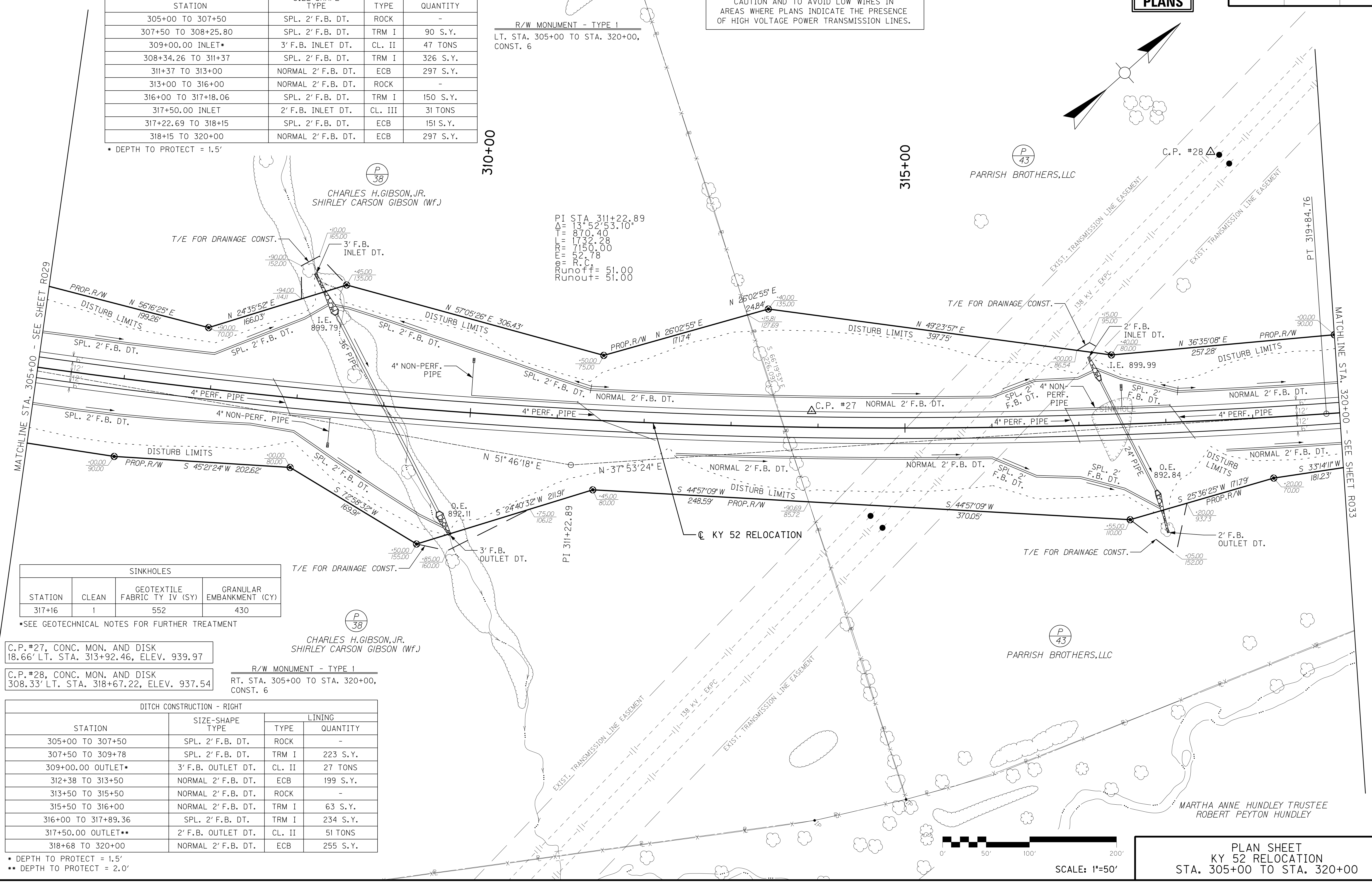
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R03000PR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION AND TO AVOID LOW WIRES IN AREAS WHERE PLANS INDICATE THE PRESENCE OF HIGH VOLTAGE POWER TRANSMISSION LINES.

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
305+00 TO 307+50	SPL. 2′ F.B. DT.	ROCK	-
307+50 TO 308+25.80	SPL. 2′ F.B. DT.	TRM I	90 S.Y.
309+00.00 INLET•	3′ F.B. INLET DT.	CL. II	47 TONS
308+34.26 TO 311+37	SPL. 2′ F.B. DT.	TRM I	326 S.Y.
311+37 TO 313+00	NORMAL 2′ F.B. DT.	ECB	297 S.Y.
313+00 TO 316+00	NORMAL 2′ F.B. DT.	ROCK	-
316+00 TO 317+18.06	SPL. 2′ F.B. DT.	TRM I	150 S.Y.
317+50.00 INLET	2′ F.B. INLET DT.	CL. III	31 TONS
317+22.69 TO 318+15	SPL. 2′ F.B. DT.	ECB	151 S.Y.
318+15 TO 320+00	NORMAL 2′ F.B. DT.	ECB	297 S.Y.

• DEPTH TO PROTECT = 1.5′

R/W MONUMENT - TYPE 1
LT. STA. 305+00 TO STA. 320+00, CONST. 6



SINKHOLES			
STATION	CLEAN	GEOTEXTILE FABRIC TY IV (SY)	GRANULAR EMBANKMENT (CY)
317+16	1	552	430

•SEE GEOTECHNICAL NOTES FOR FURTHER TREATMENT

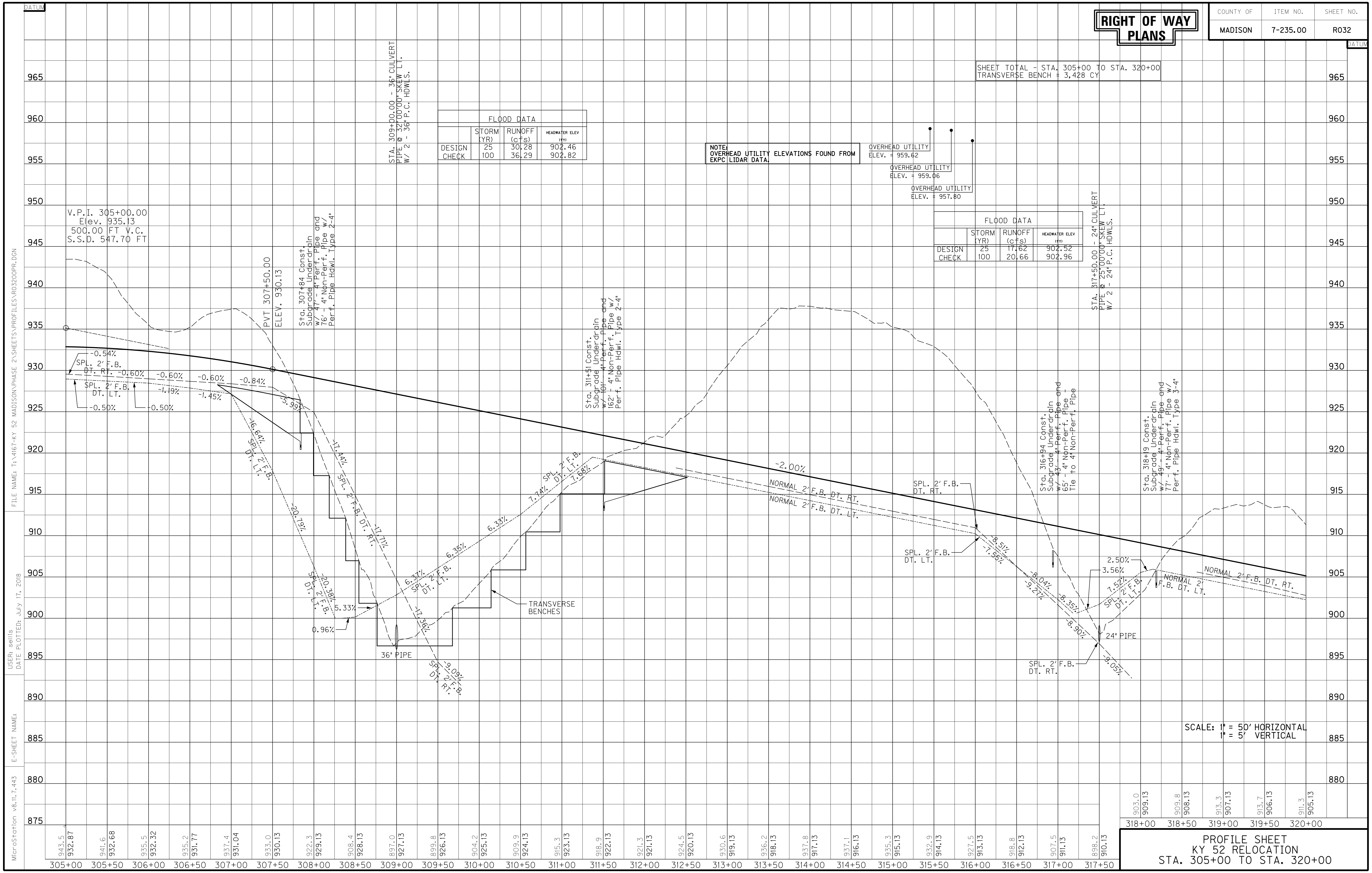
C.P.#27, CONC. MON. AND DISK
18.66′ LT. STA. 313+92.46, ELEV. 939.97

C.P.#28, CONC. MON. AND DISK
308.33′ LT. STA. 318+67.22, ELEV. 937.54

R/W MONUMENT - TYPE 1
RT. STA. 305+00 TO STA. 320+00, CONST. 6

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
305+00 TO 307+50	SPL. 2′ F.B. DT.	ROCK	-
307+50 TO 309+78	SPL. 2′ F.B. DT.	TRM I	223 S.Y.
309+00.00 OUTLET•	3′ F.B. OUTLET DT.	CL. II	27 TONS
312+38 TO 313+50	NORMAL 2′ F.B. DT.	ECB	199 S.Y.
313+50 TO 315+50	NORMAL 2′ F.B. DT.	ROCK	-
315+50 TO 316+00	NORMAL 2′ F.B. DT.	TRM I	63 S.Y.
316+00 TO 317+89.36	SPL. 2′ F.B. DT.	TRM I	234 S.Y.
317+50.00 OUTLET••	2′ F.B. OUTLET DT.	CL. II	51 TONS
318+68 TO 320+00	NORMAL 2′ F.B. DT.	ECB	255 S.Y.

• DEPTH TO PROTECT = 1.5′
•• DEPTH TO PROTECT = 2.0′



FLOOD DATA (STA. 309+00.00)

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	30.28	902.46
CHECK	100	36.29	902.82

FLOOD DATA (STA. 317+50.00)

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	17.62	902.52
CHECK	100	20.66	902.96

PROFILE SHEET
KY 52 RELOCATION
STA. 305+00 TO STA. 320+00

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R033

RIGHT OF WAY PLANS

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
320+00 TO 321+00	NORMAL 2′ F.B. DT.	ROCK	-
321+00 TO 321+22.98	SPL. 2′ F.B. DT.	TRM I	27 S.Y.
ENTR. 321+50 LT - DITCH RT.	SPL. 2′ F.B. DT.	TRM I	66 S.Y.
321+93.84 TO 323+37.57	SPL. 2′ F.B. DT.	TRM I	152 S.Y.
323+18.00 INLET*	8′ F.B. INLET DT.	CL. III	308 TONS
323+58.44 TO 324+90.97	SPL. 2′ F.B. DT.	TRM I	143 S.Y.
325+40.34 TO 326+00	SPL. 2′ F.B. DT.	TRM I	77 S.Y.
326+00 TO 330+70.97	NORMAL 2′ F.B. DT.	ECB	842 S.Y.
331+22.95 TO 332+23.02	SPL. 2′ F.B. DT.	ECB	178 S.Y.
332+20.00 INLET	3′ F.B. INLET DT.	CL. III	33 TONS
332+27.54 TO 333+50	SPL. 2′ F.B. DT.	ECB	228 S.Y.
333+50 TO 334+00	NORMAL 2′ F.B. DT.	ECB	99 S.Y.
334+00 TO 334+50	NORMAL 2′ F.B. DT.	ROCK	-
334+50 TO 335+00	NORMAL 2′ F.B. DT.	TRM I	64 S.Y.

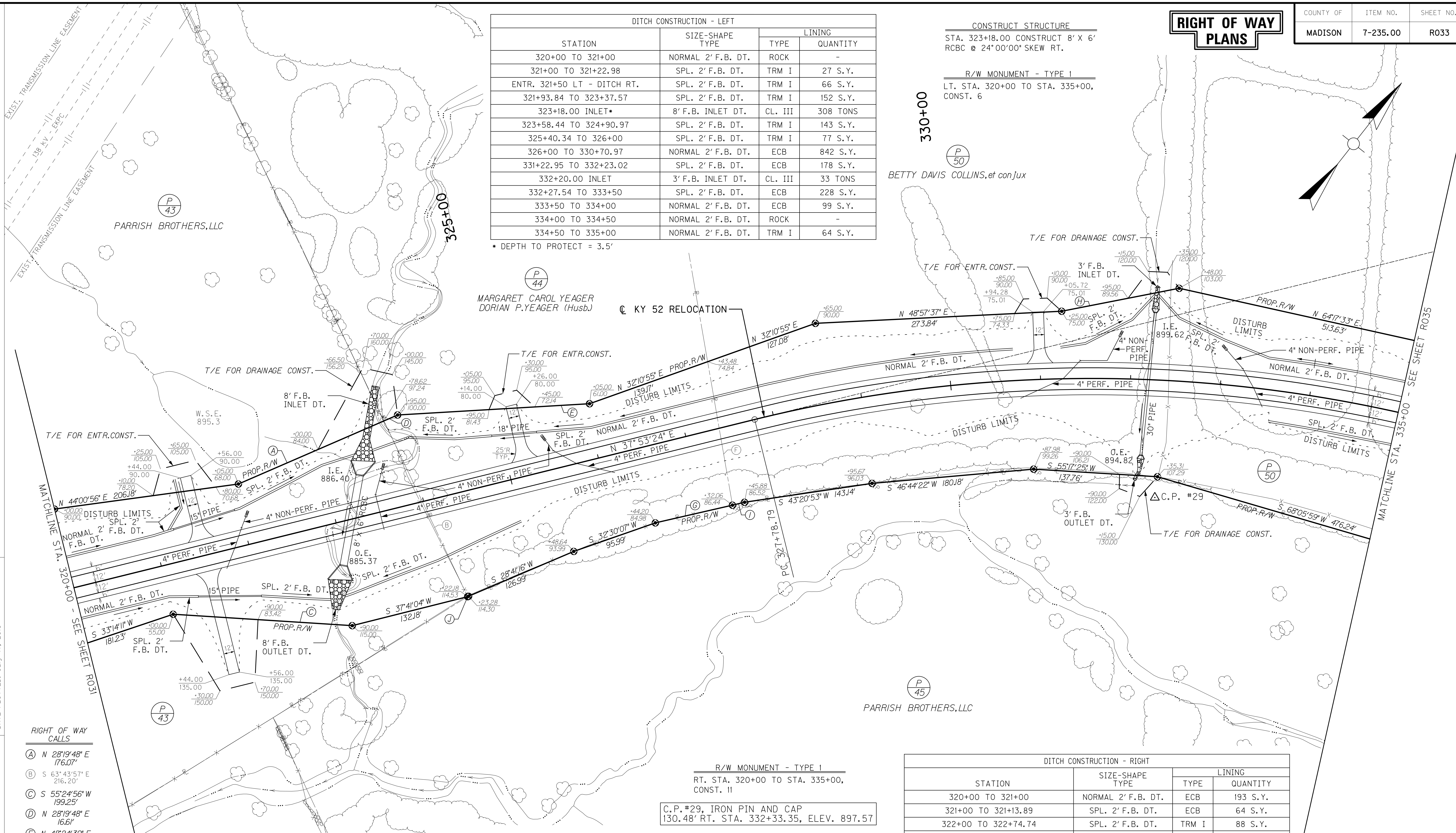
* DEPTH TO PROTECT = 3.5′

CONSTRUCT STRUCTURE

STA. 323+18.00 CONSTRUCT 8′ X 6′ RCBC @ 24°00′00″ SKEW RT.

R/W MONUMENT - TYPE I

LT. STA. 320+00 TO STA. 335+00, CONST. 6



RIGHT OF WAY CALLS

Ⓐ N 28°19′48″ E 176.07′
Ⓑ S 63°43′57″ E 216.20′
Ⓒ S 55°24′56″ W 199.25′
Ⓓ N 28°19′48″ E 16.61′
Ⓔ N 48°24′39″ E 213.59′
Ⓕ S 48°03′39″ E 161.69′
Ⓖ S 38°50′43″ W 87.87′
Ⓗ N 40°43′02″ E 132.96′
Ⓘ S 38°13′36″ W 13.82′
Ⓙ S 26°21′40″ W 11.2′

R/W MONUMENT - TYPE I

RT. STA. 320+00 TO STA. 335+00, CONST. 11

C.P.#29, IRON PIN AND CAP
130.48′ RT. STA. 332+33.35, ELEV. 897.57

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
320+00 TO 321+00	NORMAL 2′ F.B. DT.	ECB	193 S.Y.
321+00 TO 321+13.89	SPL. 2′ F.B. DT.	ECB	64 S.Y.
322+00 TO 322+74.74	SPL. 2′ F.B. DT.	TRM I	88 S.Y.
323+18.00 OUTLET*	8′ F.B. OUTLET DT.	CL. III	146 TONS
322+90.27 TO 325+00	SPL. 2′ F.B. DT.	ECB	340 S.Y.
332+20.00 OUTLET	3′ F.B. OUTLET DT.	CL. II	19 TONS
333+58.45 TO 335+00	SPL. 2′ F.B. DT.	ECB	266 S.Y.

* DEPTH TO PROTECT = 3.5′

ENTRANCE CONSTRUCTION CHART										
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	321+50	RESIDENTIAL	12′	107	9	18	40	15″	71
-	X	321+50	RESIDENTIAL	12′	167	14	28	62	15″	70
X	-	325+20	RESIDENTIAL	12′	94	8	16	35	18″	50
X	-	331+00	RESIDENTIAL	12′	87	7	15	32	-	-

0′ 50′ 100′ 200′

SCALE: 1″=50′

PLAN SHEET
KY 52 RELOCATION
STA. 320+00 TO STA. 335+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R03300PL.DGN

USER: efister
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R034

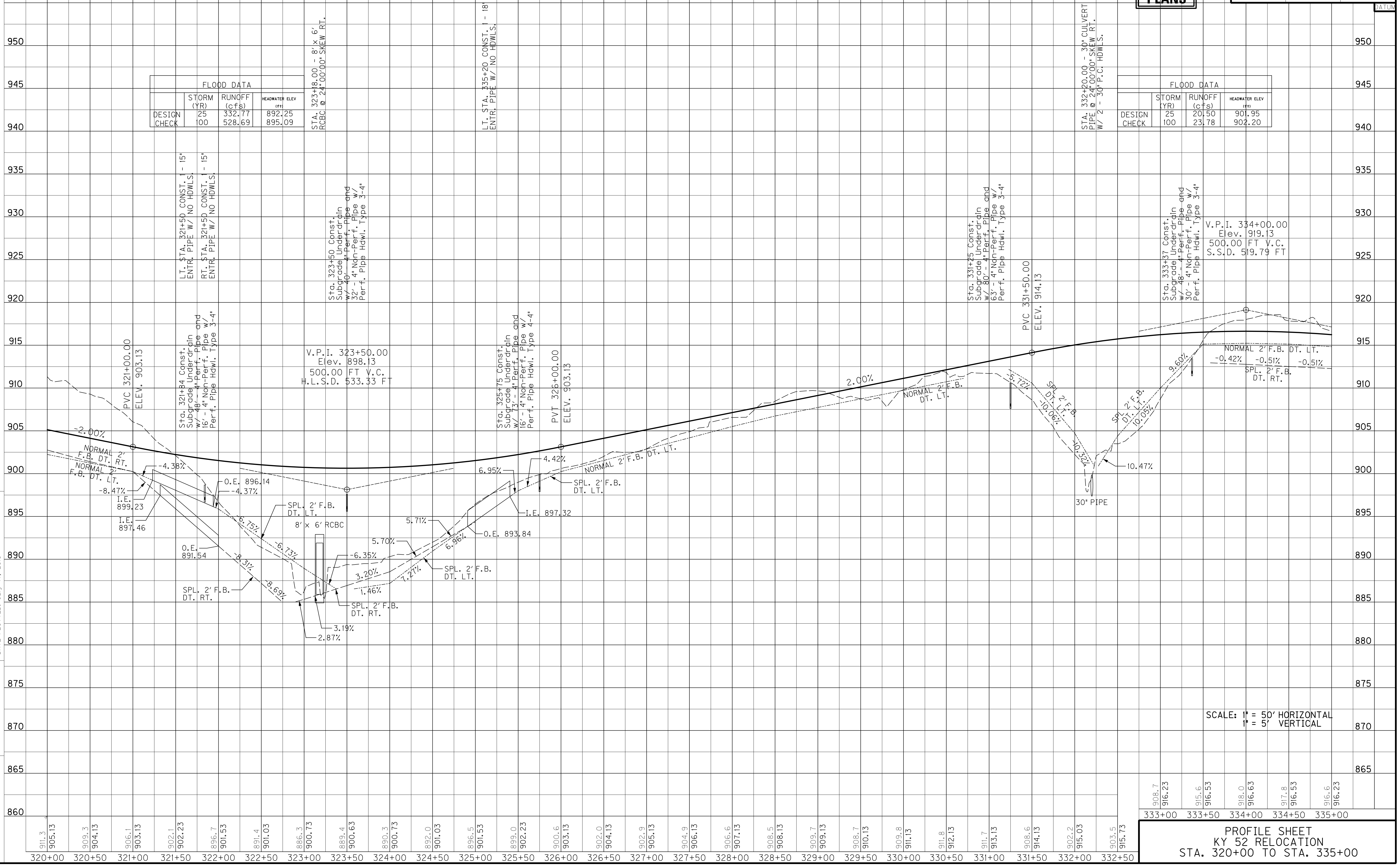
RIGHT OF WAY PLANS

FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	332.77	892.25
CHECK	100	528.69	895.09

FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	20.50	901.95
CHECK	100	23.78	902.20



PROFILE SHEET
KY 52 RELOCATION
STA. 320+00 TO STA. 335+00

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R035

RIGHT OF WAY PLANS

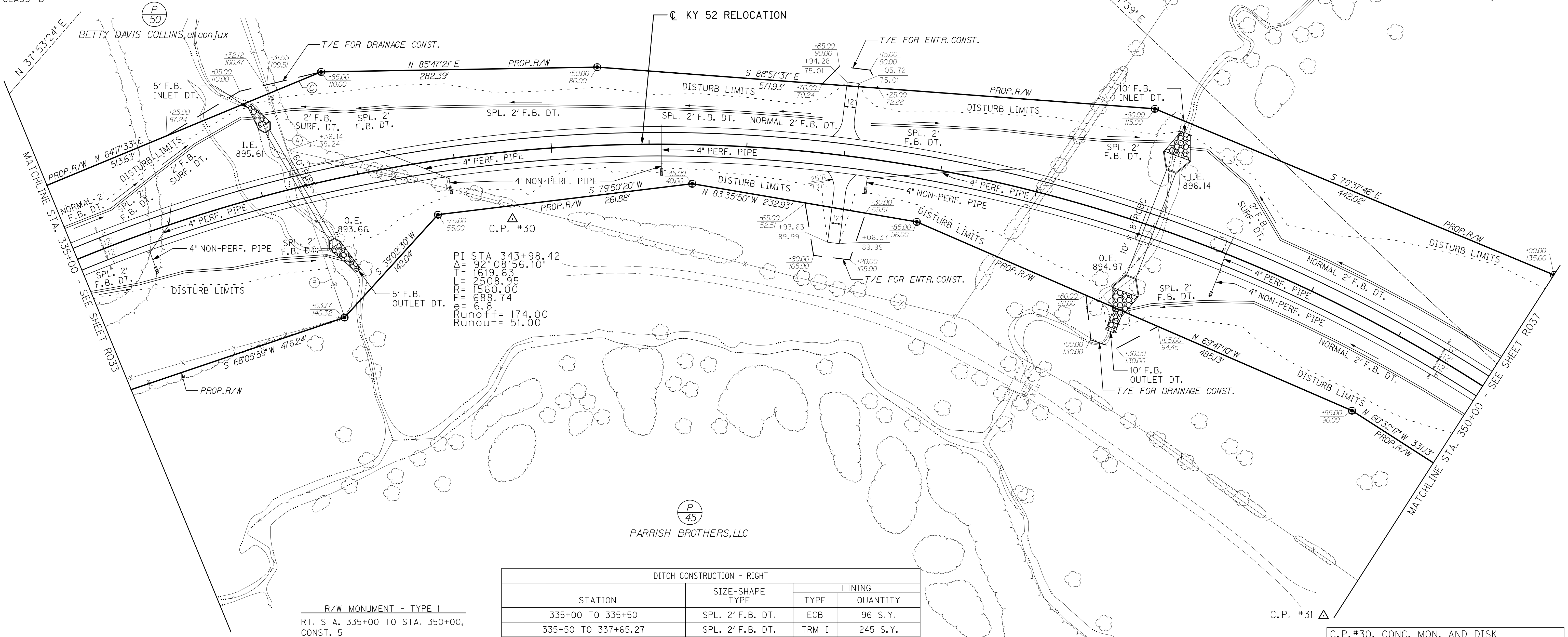
DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
335+00 TO 335+50	NORMAL 2' F.B. DT.	TRM I	64 S.Y.
335+50 TO 337+11.17	2' F.B. SURF. DT.	TRM I	127 S.Y.
337+40.00 INLET*	5' F.B. INLET DT.	CL. III	62 TONS
337+20.18 TO 338+00	2' F.B. SURF. DT.	TRM I	62 S.Y.
338+00 TO 338+50	2' F.B. SURF. DT.	ROCK	-
338+50 TO 339+00	SPL. 2' F.B. DT.	ROCK	-
339+00 TO 342+00	SPL. 2' F.B. DT.	ECB	497 S.Y.
342+00 TO 342+73.75	NORMAL 2' F.B. DT.	ECB	122 S.Y.
343+22.84 TO 345+00	SPL. 2' F.B. DT.	ECB	325 S.Y.
345+00 TO 346+15.54	SPL. 2' F.B. DT.	TRM I	116 S.Y.
346+22.00 INLET**	10' F.B. INLET DT.	CL. III	116 TONS
346+34.33 TO 347+50	2' F.B. SURF. DT.	TRM I	128 S.Y.
347+50 TO 348+50	NORMAL 2' F.B. DT.	TRM I	139 S.Y.
348+50 TO 350+00	NORMAL 2' F.B. DT.	ROCK	-

* DEPTH TO PROTECT = 2.0'
** DEPTH TO PROTECT = 3.5'; PARTIALLY GROUTED RIPRAP - USE 16 CU. YD. CONCRETE CLASS "B"

RIGHT OF WAY CALLS
(A) S 20°56'37" E 61.38'
(B) S 22°03'09" E 180.36'
(C) N 64°17'33" E 57.24'

CONSTRUCT STRUCTURE
STA. 346+22.00 CONSTRUCT 10' X 8' RCBC @ 2°00'00" SKEW RT.

R/W MONUMENT - TYPE 1
LT. STA. 335+00 TO STA. 350+00, CONST. 4



R/W MONUMENT - TYPE 1
RT. STA. 335+00 TO STA. 350+00, CONST. 5

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
335+00 TO 335+50	SPL. 2' F.B. DT.	ECB	96 S.Y.
335+50 TO 337+65.27	SPL. 2' F.B. DT.	TRM I	245 S.Y.
337+40.00 OUTLET*	5' F.B. OUTLET DT.	CL. II	68 TONS
346+22.00 OUTLET**	10' F.B. OUTLET DT.	CL. III	180 TONS
346+27.27 TO 347+50	SPL. 2' F.B. DT.	TRM I	135 S.Y.
347+50 TO 348+00	NORMAL 2' F.B. DT.	TRM I	67 S.Y.
348+00 TO 350+00	NORMAL 2' F.B. DT.	ROCK	-

* DEPTH TO PROTECT = 3.0'
** DEPTH TO PROTECT = 3.5'

ENTRANCE CONSTRUCTION CHART											
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	343+00	RESIDENTIAL	12'	87	7	15	32	-	-
-	X	343+00	RESIDENTIAL	12'	108	9	18	40	-	-

C.P.#30, CONC. MON. AND DISK
68.96' RT. STA. 339+53.13, ELEV. 901.34

C.P.#31, CONC. MON. AND DISK
285.47' RT. STA. 349+87.79, ELEV. 906.99

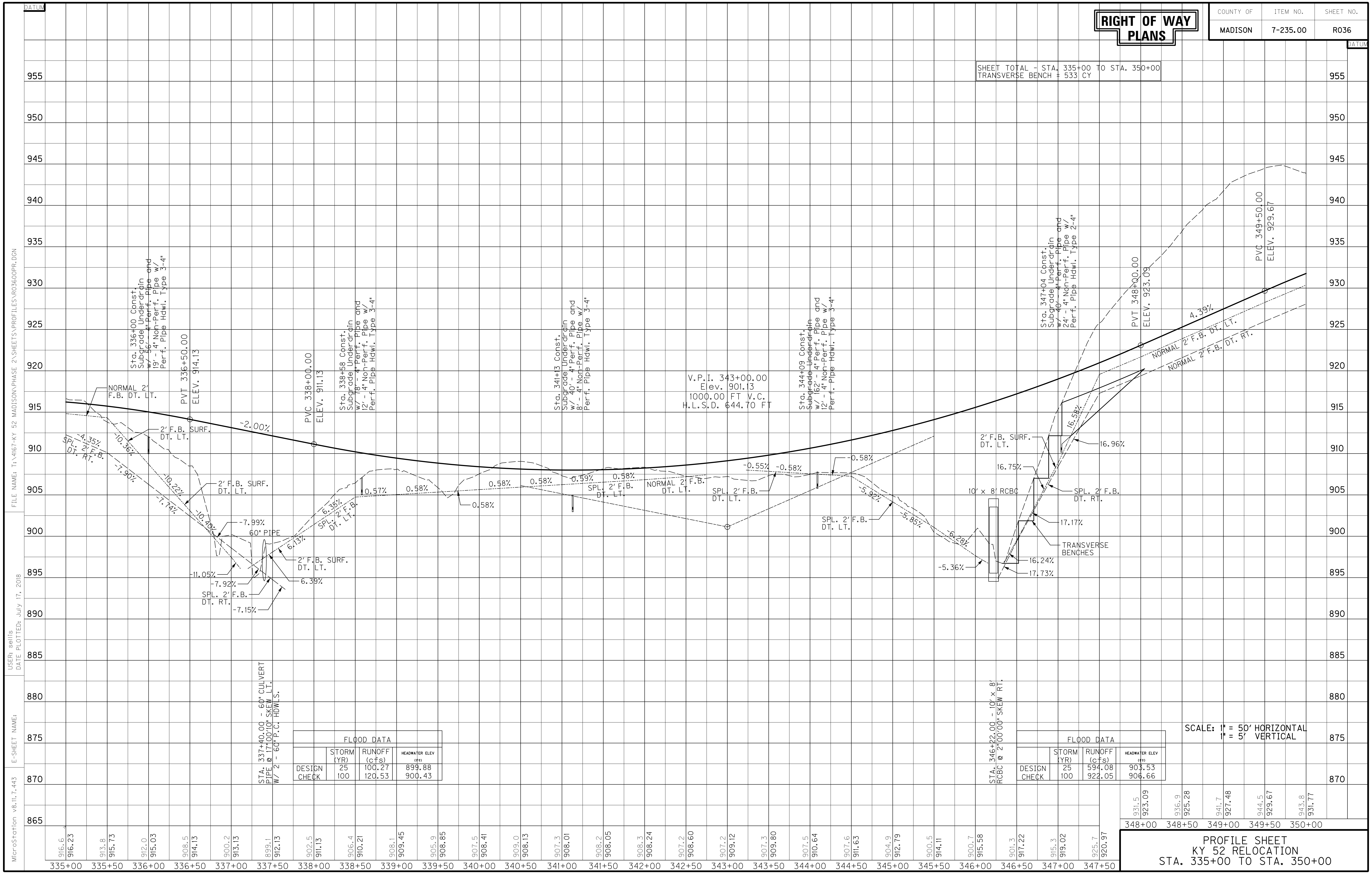
0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 335+00 TO STA. 350+00

MicroStation v8.11.7.443
E-SHEET NAME:
USER: efister
DATE PLOTTED: July 17, 2018
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R03500PL.DGN

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R036

RIGHT OF WAY PLANS



FLOOD DATA (STA. 337+40.00)

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	100.27	899.88
CHECK	100	120.53	900.43

FLOOD DATA (STA. 346+22.00)

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	594.08	903.53
CHECK	100	922.05	906.66

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R03600PR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

PROFILE SHEET
KY 52 RELOCATION
STA. 335+00 TO STA. 350+00

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R037

RIGHT OF WAY PLANS

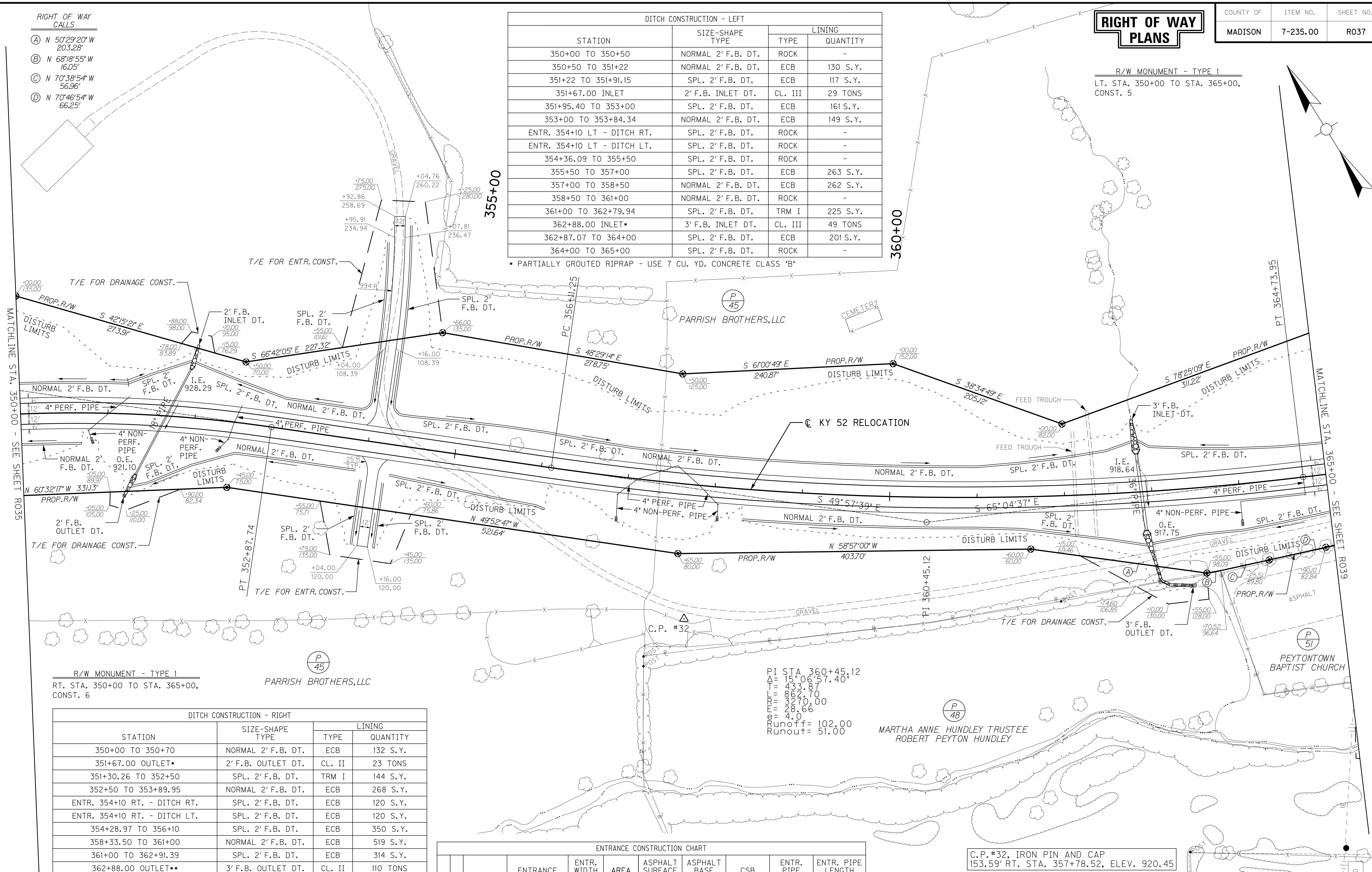
RIGHT OF WAY CALLS

- Ⓐ N 50°29'20" W 203.28'
- Ⓑ N 68°18'55" W 16.05'
- Ⓒ N 70°38'54" W 56.96'
- Ⓓ N 70°46'54" W 66.25'

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
350+00 TO 350+50	NORMAL 2' F.B. DT.	ROCK	-
350+50 TO 351+22	NORMAL 2' F.B. DT.	ECB	130 S.Y.
351+22 TO 351+91.15	SPL. 2' F.B. DT.	ECB	117 S.Y.
351+67.00 INLET	2' F.B. INLET DT.	CL. III	29 TONS
351+95.40 TO 353+00	SPL. 2' F.B. DT.	ECB	161 S.Y.
353+00 TO 353+84.34	NORMAL 2' F.B. DT.	ECB	149 S.Y.
ENTR. 354+10 LT - DITCH RT.	SPL. 2' F.B. DT.	ROCK	-
ENTR. 354+10 LT - DITCH LT.	SPL. 2' F.B. DT.	ROCK	-
354+36.09 TO 355+50	SPL. 2' F.B. DT.	ROCK	-
355+50 TO 357+00	SPL. 2' F.B. DT.	ECB	263 S.Y.
357+00 TO 358+50	NORMAL 2' F.B. DT.	ECB	262 S.Y.
358+50 TO 361+00	NORMAL 2' F.B. DT.	ROCK	-
361+00 TO 362+79.94	SPL. 2' F.B. DT.	TRM I	225 S.Y.
362+88.00 INLET*	3' F.B. INLET DT.	CL. III	49 TONS
362+87.07 TO 364+00	SPL. 2' F.B. DT.	ECB	201 S.Y.
364+00 TO 365+00	SPL. 2' F.B. DT.	ROCK	-

* PARTIALLY GROUTED RIPRAP - USE 7 CU. YD. CONCRETE CLASS "B"

R/W MONUMENT - TYPE 1
LT. STA. 350+00 TO STA. 365+00, CONST. 5



R/W MONUMENT - TYPE 1
RT. STA. 350+00 TO STA. 365+00, CONST. 6

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
350+00 TO 350+70	NORMAL 2' F.B. DT.	ECB	132 S.Y.
351+67.00 OUTLET*	2' F.B. OUTLET DT.	CL. II	23 TONS
351+30.26 TO 352+50	SPL. 2' F.B. DT.	TRM I	144 S.Y.
352+50 TO 353+89.95	NORMAL 2' F.B. DT.	ECB	268 S.Y.
ENTR. 354+10 RT. - DITCH RT.	SPL. 2' F.B. DT.	ECB	120 S.Y.
ENTR. 354+10 RT. - DITCH LT.	SPL. 2' F.B. DT.	ECB	120 S.Y.
354+28.97 TO 356+10	SPL. 2' F.B. DT.	ECB	350 S.Y.
358+33.50 TO 361+00	NORMAL 2' F.B. DT.	ECB	519 S.Y.
361+00 TO 362+91.39	SPL. 2' F.B. DT.	ECB	314 S.Y.
362+88.00 OUTLET**	3' F.B. OUTLET DT.	CL. II	110 TONS
362+97.01 TO 365+00	SPL. 2' F.B. DT.	ECB	331 S.Y.

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

ENTRANCE CONSTRUCTION CHART											
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	354+10	RESIDENTIAL	12'	334	28	56	123	-	-
-	X	354+10	RESIDENTIAL	12'	147	12	25	54	-	-

C.P. #32, IRON PIN AND CAP
153.59' RT. STA. 357+78.52, ELEV. 920.45

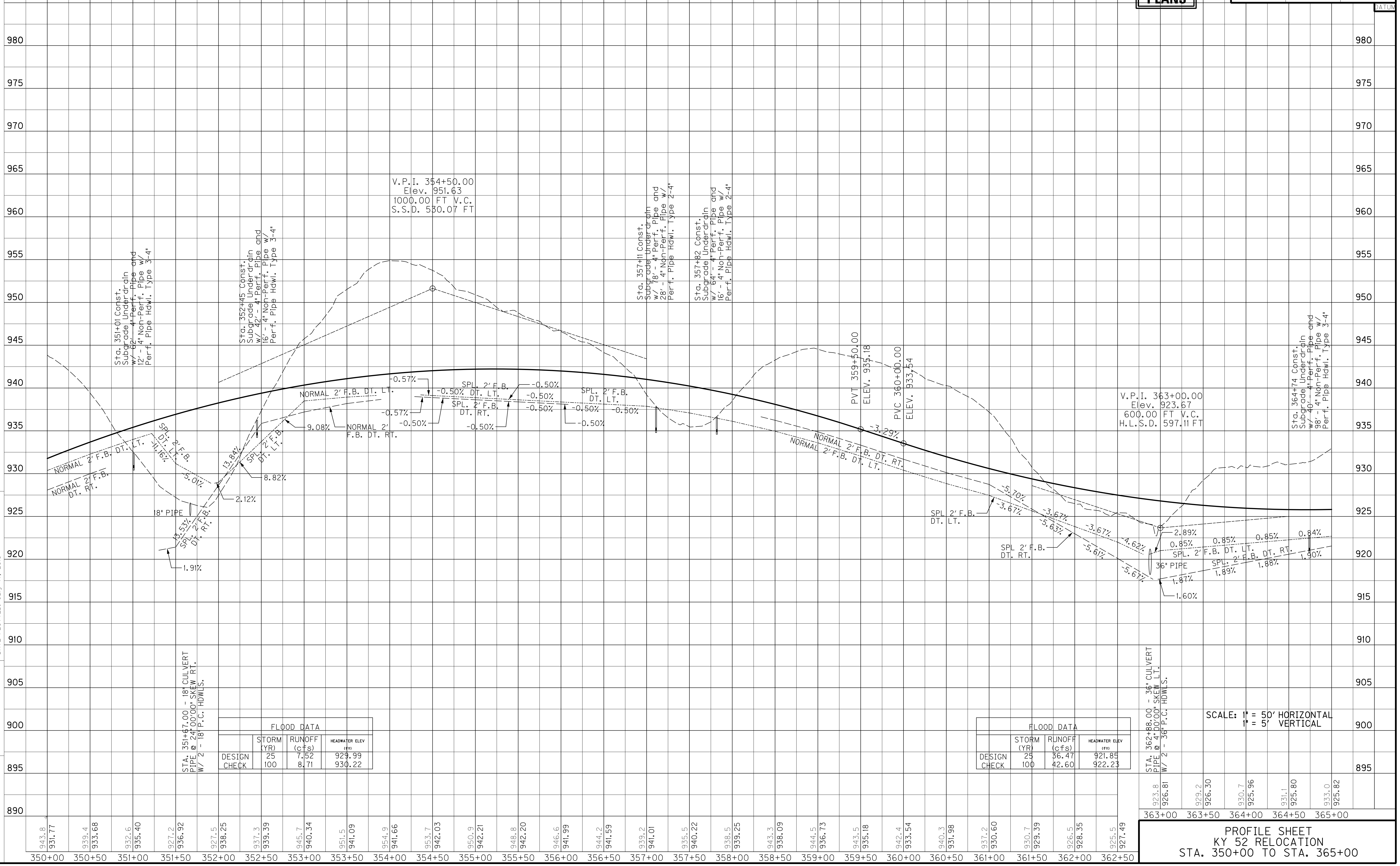
0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 350+00 TO STA. 365+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R03700PL.DGN
USER: efister
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R038

RIGHT OF WAY PLANS



FLOOD DATA (STA. 351+67.00)

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (FT)
DESIGN	25	7.52	929.99
CHECK	100	8.71	930.22

FLOOD DATA (STA. 362+88.00)

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (FT)
DESIGN	25	36.47	921.85
CHECK	100	42.60	922.23

PROFILE SHEET
KY 52 RELOCATION
STA. 350+00 TO STA. 365+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R038OPR.DGN
DATE PLOTTED: July 17, 2018
USER: seills
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
365+00 TO 365+50	SPL. 2' F.B. DT.	ROCK	-
365+50 TO 366+77.44	NORMAL 2' F.B. DT.	ROCK	-
367+50 TO 368+02.22	SPL. 2' F.B. DT.	ECB	94 S.Y.
368+18.00 INLET*	3' F.B. INLET DT.	CL. III	60 TONS
368+10.21 TO 369+50	SPL. 2' F.B. DT.	TRM I	177 S.Y.
369+50 TO 371+09.84**	SPL. 2' F.B. DT.	TRM I	251 S.Y.
371+86.84 TO 372+59.50	SPL. 2' F.B. DT.	ECB	125 S.Y.
373+37.52 TO 374+50	SPL. 2' F.B. DT.	ECB	194 S.Y.
374+50 TO 379+00	NORMAL 2' F.B. DT.	ECB	776 S.Y.
379+00 TO 379+24.74	2' F.B. SURF. DT.	ECB	39 S.Y.
379+27.00 INLET	2' F.B. INLET DT.	CL. III	49 TONS
379+29.26 TO 380+00	2' F.B. SURF. DT.	ECB	91 S.Y.

* PARTIALLY GROUTED RIPRAP - USE 8 CU. YD. CONCRETE CLASS 'B'
** DEPTH TO PROTECT = 1.5'

ENTRANCE CONSTRUCTION CHART

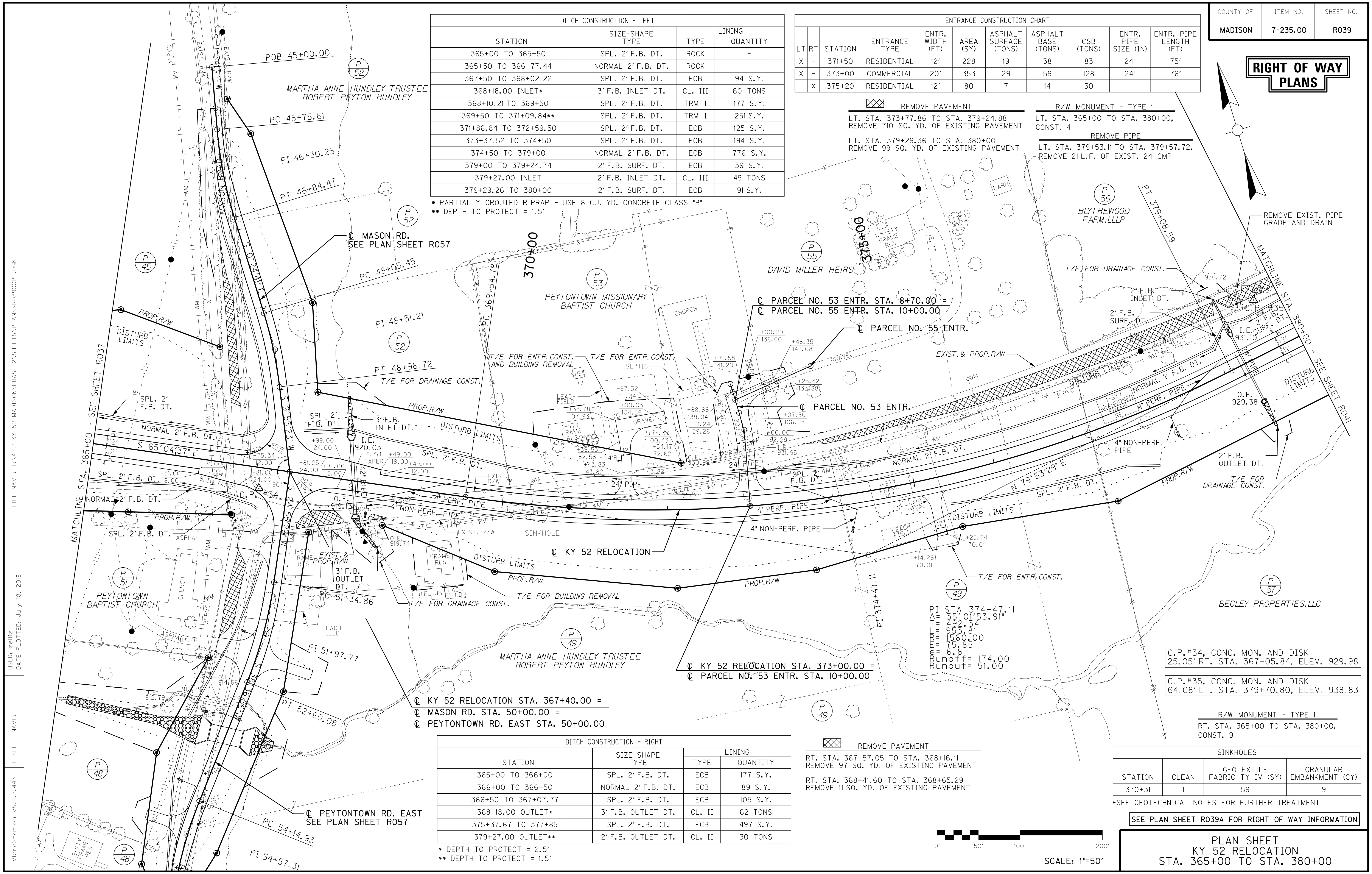
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	371+50	RESIDENTIAL	12'	228	19	38	83	24"	75'
X	-	373+00	COMMERCIAL	20'	353	29	59	128	24"	76'
-	X	375+20	RESIDENTIAL	12'	80	7	14	30	-	-

REMOVE PAVEMENT
LT. STA. 373+77.86 TO STA. 379+24.88
REMOVE 710 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 379+29.36 TO STA. 380+00
REMOVE 99 SQ. YD. OF EXISTING PAVEMENT

R/W MONUMENT - TYPE 1
LT. STA. 365+00 TO STA. 380+00,
CONST. 4

REMOVE PIPE
LT. STA. 379+53.11 TO STA. 379+57.72,
REMOVE 21 L.F. OF EXIST. 24" CMP



C.P.#34, CONC. MON. AND DISK
25.05' RT. STA. 367+05.84, ELEV. 929.98

C.P.#35, CONC. MON. AND DISK
64.08' LT. STA. 379+70.80, ELEV. 938.83

R/W MONUMENT - TYPE 1
RT. STA. 365+00 TO STA. 380+00,
CONST. 9

DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
365+00 TO 366+00	SPL. 2' F.B. DT.	ECB	177 S.Y.
366+00 TO 366+50	NORMAL 2' F.B. DT.	ECB	89 S.Y.
366+50 TO 367+07.77	SPL. 2' F.B. DT.	ECB	105 S.Y.
368+18.00 OUTLET*	3' F.B. OUTLET DT.	CL. II	62 TONS
375+37.67 TO 377+85	SPL. 2' F.B. DT.	ECB	497 S.Y.
379+27.00 OUTLET**	2' F.B. OUTLET DT.	CL. II	30 TONS

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

REMOVE PAVEMENT
RT. STA. 367+57.05 TO STA. 368+16.11
REMOVE 97 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 368+41.60 TO STA. 368+65.29
REMOVE 11 SQ. YD. OF EXISTING PAVEMENT

SINKHOLES

STATION	CLEAN	GEOTEXTILE FABRIC TY IV (SY)	GRANULAR EMBANKMENT (CY)
370+31	1	59	9

*SEE GEOTECHNICAL NOTES FOR FURTHER TREATMENT

SEE PLAN SHEET R039A FOR RIGHT OF WAY INFORMATION

0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 365+00 TO STA. 380+00

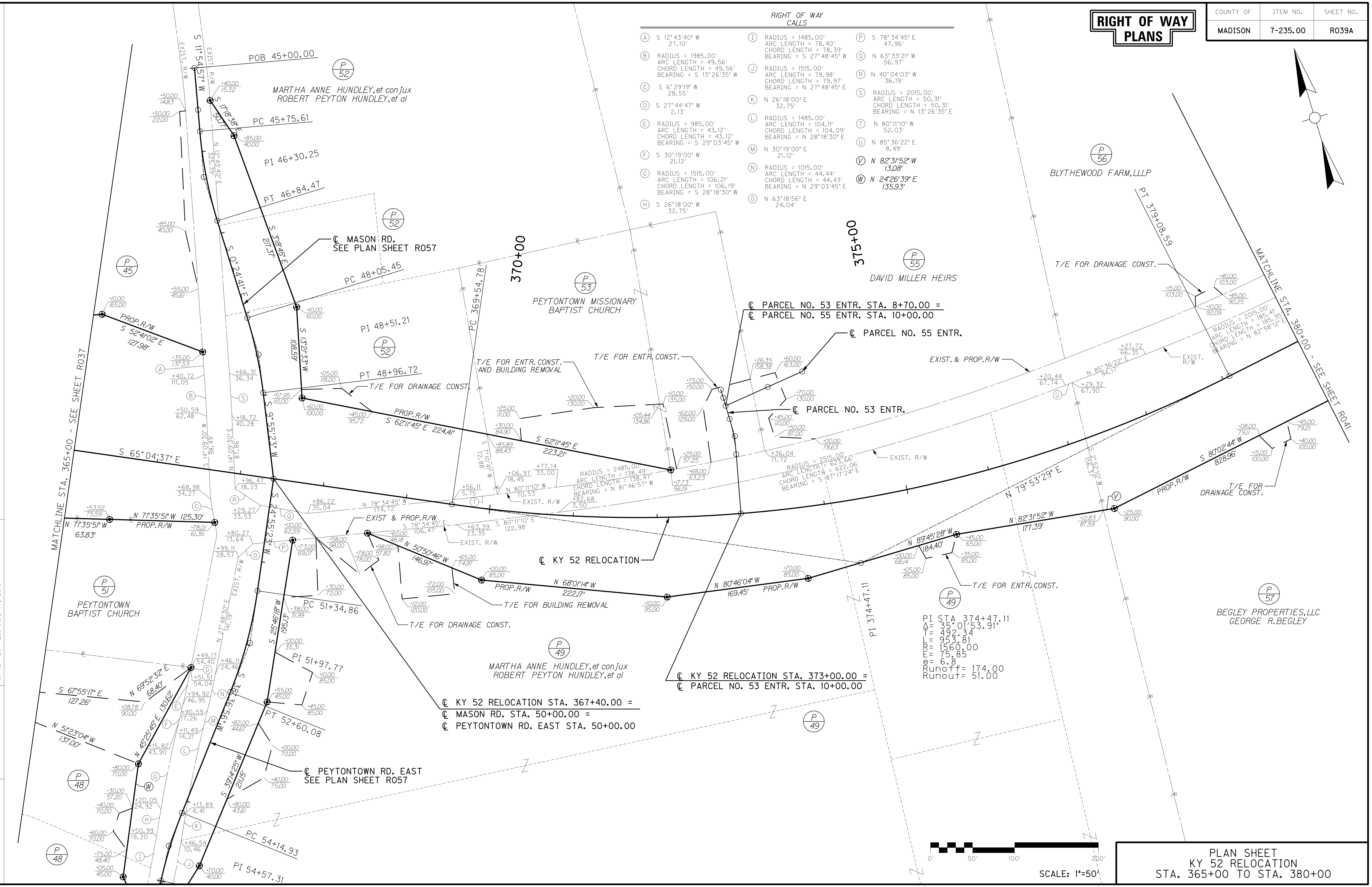
MicroStation v8.11.7.443 E-SHEET NAME: USER: sellis DATE PLOTTED: July 18, 2018 FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R0390OPL.DGN

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R039A

RIGHT OF WAY PLANS

RIGHT OF WAY CALLS

- (A) S 12°43'40" W 27.10'
- (B) RADIUS = 1985.00' ARC LENGTH = 49.56' CHORD LENGTH = 49.56' BEARING = S 13°26'35" W
- (C) S 6°29'19" W 28.55'
- (D) S 27°44'47" W 2.13'
- (E) RADIUS = 985.00' ARC LENGTH = 43.12' CHORD LENGTH = 43.12' BEARING = S 29°03'45" W
- (F) S 30°19'00" W 21.12'
- (G) RADIUS = 1515.00' ARC LENGTH = 106.21' CHORD LENGTH = 106.19' BEARING = S 28°18'30" W
- (H) S 26°18'00" W 32.75'
- (I) RADIUS = 1485.00' ARC LENGTH = 78.40' CHORD LENGTH = 78.39' BEARING = S 27°48'45" W
- (J) RADIUS = 1515.00' ARC LENGTH = 79.98' CHORD LENGTH = 79.97' BEARING = N 27°48'45" E
- (K) N 26°18'00" E 32.75'
- (L) RADIUS = 1485.00' ARC LENGTH = 104.11' CHORD LENGTH = 104.09' BEARING = N 28°18'30" E
- (M) N 30°19'00" E 21.12'
- (N) RADIUS = 1015.00' ARC LENGTH = 44.44' CHORD LENGTH = 44.43' BEARING = N 29°03'45" E
- (O) N 63°18'56" E 24.04'
- (P) S 78°34'45" E 47.96'
- (Q) N 63°33'21" W 56.97'
- (R) N 40°04'03" W 36.19'
- (S) RADIUS = 2015.00' ARC LENGTH = 50.31' CHORD LENGTH = 50.31' BEARING = N 13°26'35" E
- (T) N 80°11'10" W 52.03'
- (U) N 85°36'22" E 8.49'
- (V) N 82°31'52" W 13.08'
- (W) N 24°26'39" E 135.93'

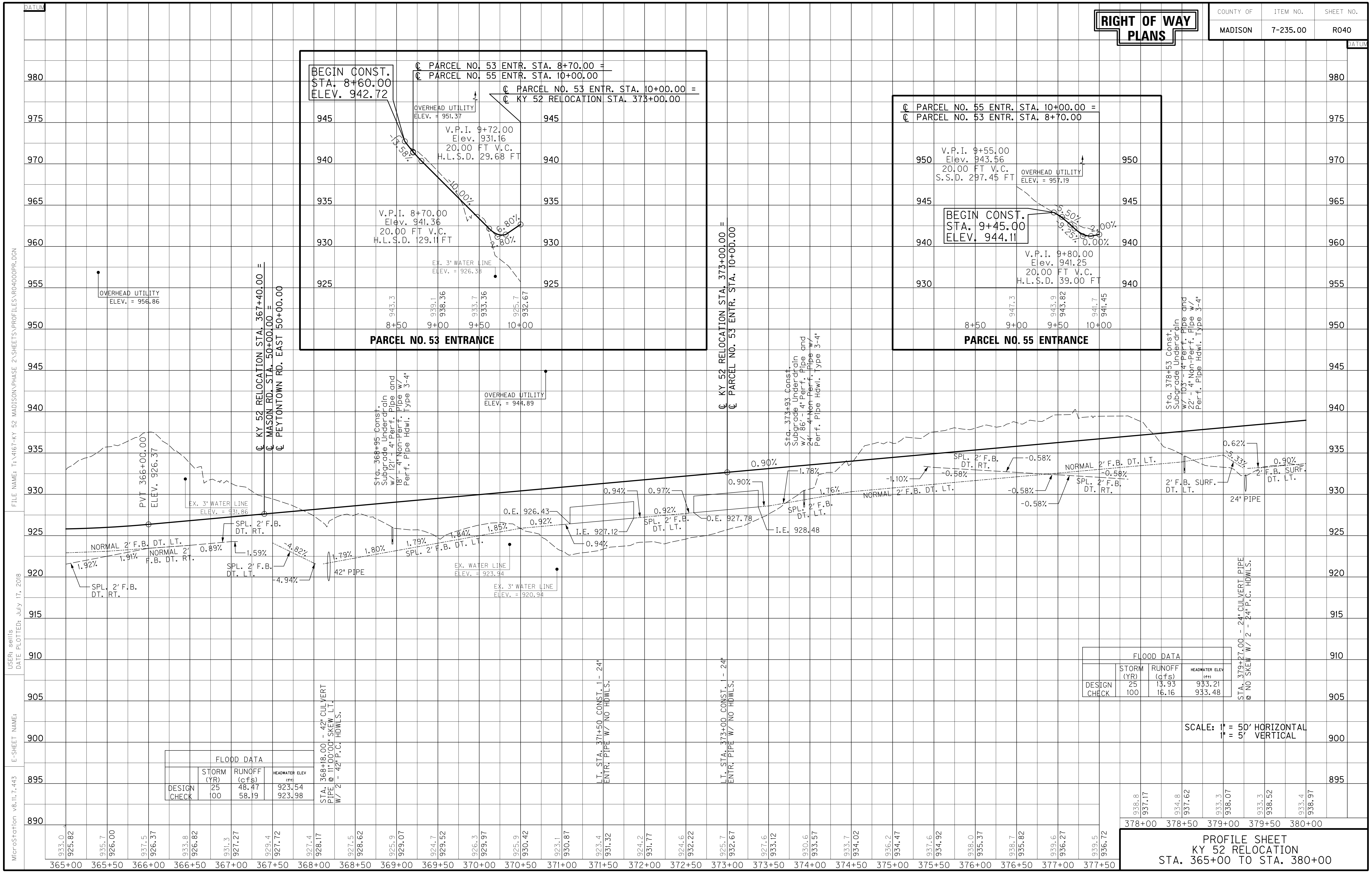


PLAN SHEET
KY 52 RELOCATION
STA. 365+00 TO STA. 380+00

USER: efister
DATE PLOTTED: July 17, 2018
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R039AOPL.DGN
MicroStation v8.11.7.443

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R040



FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	48.47	923.54
CHECK	100	58.19	923.98

FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	13.93	933.21
CHECK	100	16.16	933.48

PROFILE SHEET
KY 52 RELOCATION
STA. 365+00 TO STA. 380+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R04000PR.DGN
USER: seilis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS

DITCH CONSTRUCTION - LEFT			
		LINING	
STATION	SIZE-SHAPE TYPE	TYPE	QUANTITY
380+00 TO 383+00	2' F.B. SURF. DT.	ECB	385 S.Y.
383+00 TO 384+96.16	SPL. 2' F.B. DT.	ECB	286 S.Y.
384+75.00 INLET•	4' F.B. INLET DT.	CL. III	56 TONS
385+06.27 TO 386+50	SPL. 2' F.B. DT.	TRM I	149 S.Y.
386+50 TO 387+13.90•	SPL. 2' F.B. DT.	TRM I	112 S.Y.
387+83.36 TO 394+00•	SPL. 2' F.B. DT.	TRM I	1039 S.Y.
394+00 TO 395+00	SPL. 2' F.B. DT.	ECB	176 S.Y.

• DEPTH TO PROTECT = 1.5'

REMOVE PAVEMENT

LT. STA. 380+00 TO STA. 384+87.48
REMOVE 676 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 385+19.19 TO STA. 387+24.13
REMOVE 260 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 388+81.73 TO STA. 395+00
REMOVE 613 SQ. YD. OF EXISTING PAVEMENT

PAVEMENT TRANSITION

LT. STA. 382+10, BEGIN PAVEMENT TRANSITION FROM 12' TO 40'

RIGHT OF WAY CALLS

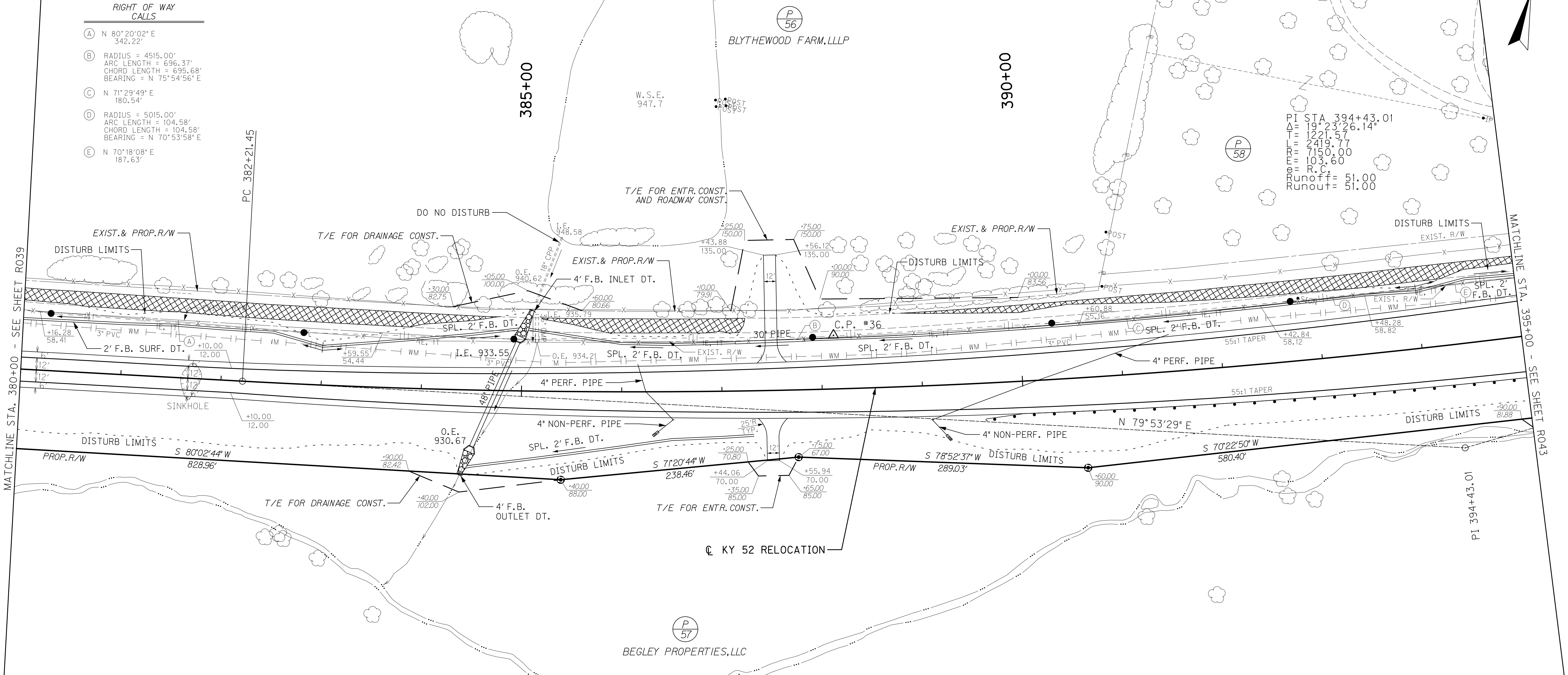
(A) N 80°20'02" E
342.22'

(B) RADIUS = 4515.00'
ARC LENGTH = 696.37'
CHORD LENGTH = 695.68'
BEARING = N 75°54'56" E

(C) N 71°29'49" E
180.54'

(D) RADIUS = 5015.00'
ARC LENGTH = 104.58'
CHORD LENGTH = 104.58'
BEARING = N 70°53'58" E

(E) N 70°18'08" E
187.63'



DITCH CONSTRUCTION - RIGHT			
		LINING	
STATION	SIZE-SHAPE TYPE	TYPE	QUANTITY
384+75.00 OUTLET•	4' F.B. OUTLET DT.	CL. II	36 TONS
384+46.40 TO 387+31.23	SPL. 2' F.B. DT.	ECB	473 S.Y.

• DEPTH TO PROTECT = 2.0'

ENTRANCE CONSTRUCTION CHART										
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	387+50	RESIDENTIAL	12'	154	13	26	57	30"	69'
-	X	387+50	RESIDENTIAL	12'	67	6	11	25	-	-

R/W MONUMENT - TYPE 1

RT. STA. 380+00 TO STA. 395+00, CONST. 3

PAVEMENT TRANSITION

RT. STA. 382+10, BEGIN PAVEMENT TRANSITION FROM 12' TO 40'

SINKHOLES			
STATION	CLEAN	GEOTEXTILE FABRIC TY IV (SY)	GRANULAR EMBANKMENT (CY)
381+60	1	122	42

•SEE GEOTECHNICAL NOTES FOR FURTHER TREATMENT

C.P.#36, CONC. MON. AND DISK
53.62' LT. STA. 388+12.75, ELEV. 954.91

STEEL "W" BEAM GUARDRAIL CONSTRUCTION CHART				
LT	RT	STATION TO STATION	SINGLE FACE (FT)	END TREAT. TYPE 4A (EACH)
-	X	390+00 TO 395+00	502.74	1

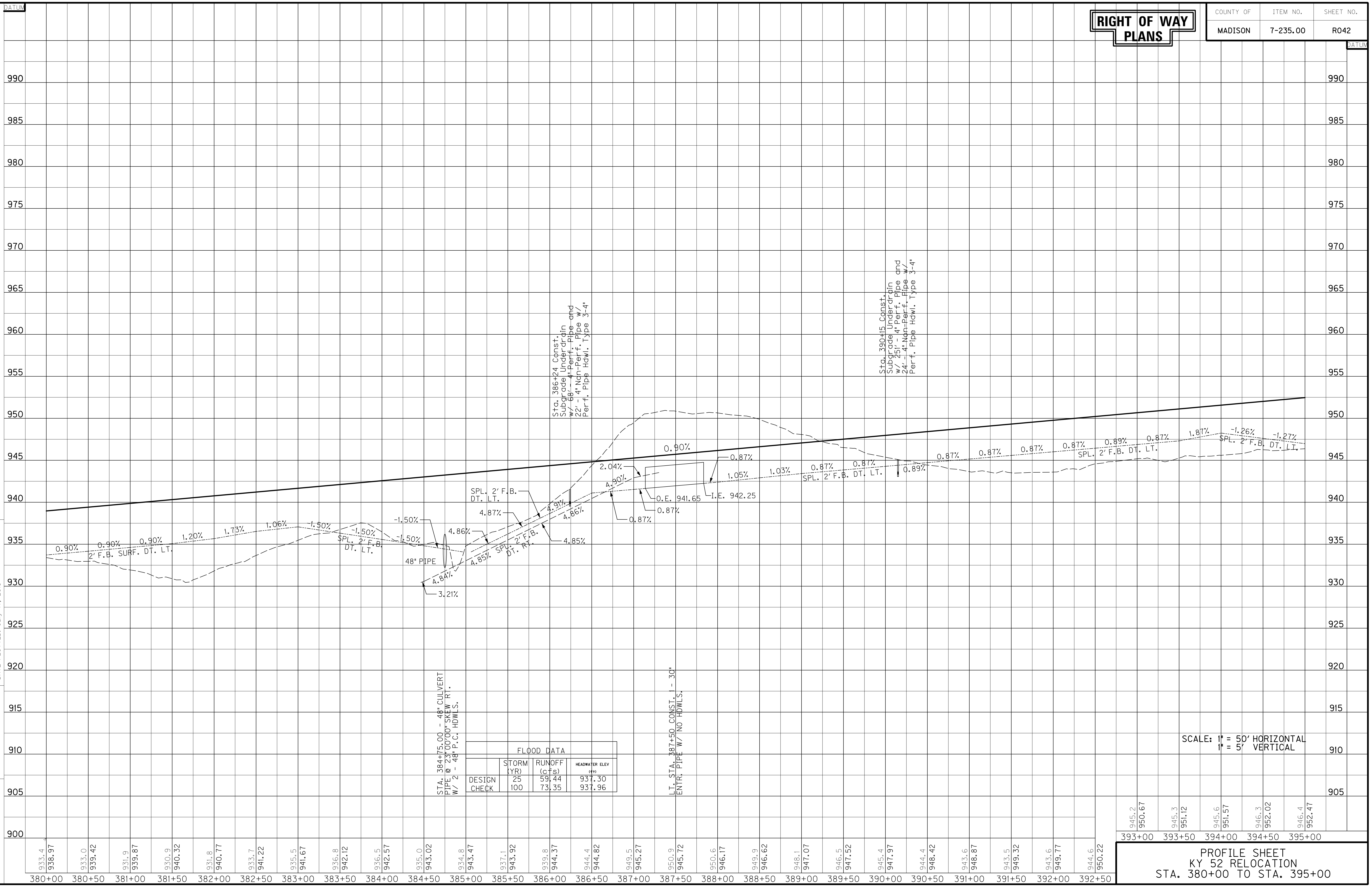
0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 380+00 TO STA. 395+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R0410OPL.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R042



FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	59.44	937.30
CHECK	100	73.35	937.96

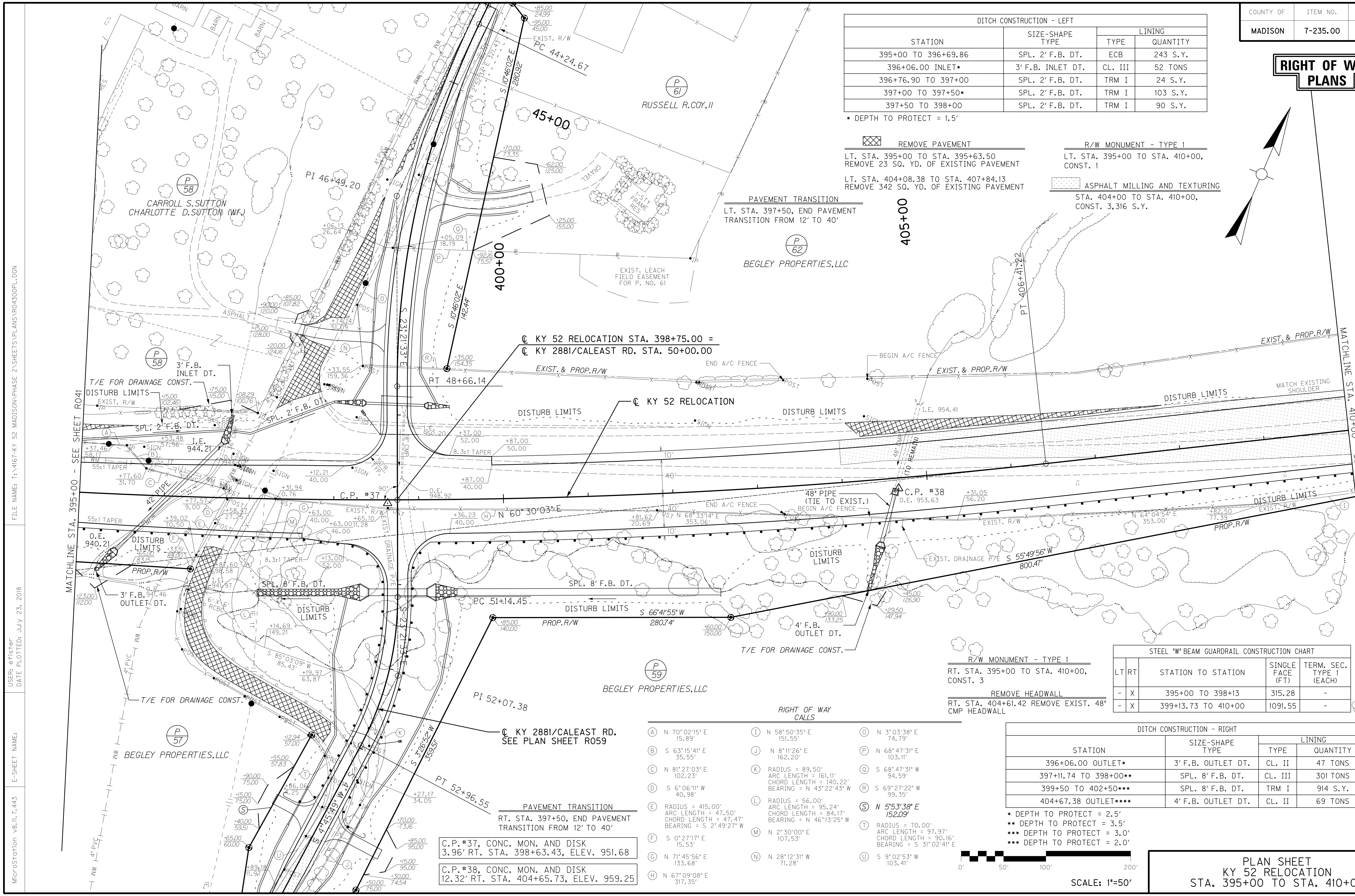
SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

PROFILE SHEET
KY 52 RELOCATION
STA. 380+00 TO STA. 395+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R04200PR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R043

RIGHT OF WAY PLANS



DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
395+00 TO 396+69.86	SPL. 2' F.B. DT.	ECB	243 S.Y.
396+06.00 INLET•	3' F.B. INLET DT.	CL. III	52 TONS
396+76.90 TO 397+00	SPL. 2' F.B. DT.	TRM I	24 S.Y.
397+00 TO 397+50•	SPL. 2' F.B. DT.	TRM I	103 S.Y.
397+50 TO 398+00	SPL. 2' F.B. DT.	TRM I	90 S.Y.

• DEPTH TO PROTECT = 1.5'

REMOVE PAVEMENT

LT. STA. 395+00 TO STA. 395+63.50
REMOVE 23 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 404+08.38 TO STA. 407+84.13
REMOVE 342 SQ. YD. OF EXISTING PAVEMENT

R/W MONUMENT - TYPE 1

LT. STA. 395+00 TO STA. 410+00,
CONST. 1

ASPHALT MILLING AND TEXTURING

STA. 404+00 TO STA. 410+00,
CONST. 3,316 S.Y.

PAVEMENT TRANSITION

LT. STA. 397+50, END PAVEMENT
TRANSITION FROM 12' TO 40'

R/W MONUMENT - TYPE 1

RT. STA. 395+00 TO STA. 410+00,
CONST. 3

REMOVE HEADWALL

RT. STA. 404+61.42 REMOVE EXIST. 48" CMP HEADWALL

STEEL "W" BEAM GUARDRAIL CONSTRUCTION CHART

LT	RT	STATION TO STATION	SINGLE FACE (FT)	TERM. SEC. TYPE I (EACH)
-	X	395+00 TO 398+13	315.28	-
-	X	399+13.73 TO 410+00	1091.55	-

RIGHT OF WAY CALLS

(A) N 70°02'15" E 15.89'	(I) N 58°50'35" E 151.55'	(O) N 3°03'38" E 74.79'
(B) S 63°15'41" E 35.55'	(J) N 8°11'26" E 162.20'	(P) N 68°47'31" E 103.11'
(C) N 81°27'03" E 102.23'	(K) RADIUS = 89.50' ARC LENGTH = 161.11' CHORD LENGTH = 140.22' BEARING = N 43°22'43" W	(Q) S 68°47'31" W 94.59'
(D) S 6°06'11" W 40.98'		(R) S 69°27'22" W 99.35'
(E) RADIUS = 415.00' ARC LENGTH = 47.50' CHORD LENGTH = 47.47' BEARING = S 2°49'27" W	(L) RADIUS = 56.00' ARC LENGTH = 95.24' CHORD LENGTH = 84.17' BEARING = N 46°13'25" W	(S) N 5°53'38" E 152.09'
(F) S 0°27'17" E 15.53'	(M) N 2°30'00" E 107.53'	(T) RADIUS = 70.00' ARC LENGTH = 97.97' CHORD LENGTH = 90.16' BEARING = S 31°02'41" E
(G) N 71°45'56" E 133.68'	(N) N 28°12'31" W 71.28'	(U) S 9°02'53" W 103.41'
(H) N 67°09'08" E 317.35'		

DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
396+06.00 OUTLET•	3' F.B. OUTLET DT.	CL. II	47 TONS
397+11.74 TO 398+00••	SPL. 8' F.B. DT.	CL. III	301 TONS
399+50 TO 402+50•••	SPL. 8' F.B. DT.	TRM I	914 S.Y.
404+67.38 OUTLET••••	4' F.B. OUTLET DT.	CL. II	69 TONS

• DEPTH TO PROTECT = 2.5'
•• DEPTH TO PROTECT = 3.5'
••• DEPTH TO PROTECT = 3.0'
••• DEPTH TO PROTECT = 2.0'

PAVEMENT TRANSITION

RT. STA. 397+50, END PAVEMENT
TRANSITION FROM 12' TO 40'

C.P. #37, CONC. MON. AND DISK
3.96' RT. STA. 398+63.43, ELEV. 951.68

C.P. #38, CONC. MON. AND DISK
12.32' RT. STA. 404+65.73, ELEV. 959.25

0' 50' 100' 200'

SCALE: 1"=50'

PLAN SHEET
KY 52 RELOCATION
STA. 395+00 TO STA. 410+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R043OOPL.DGN

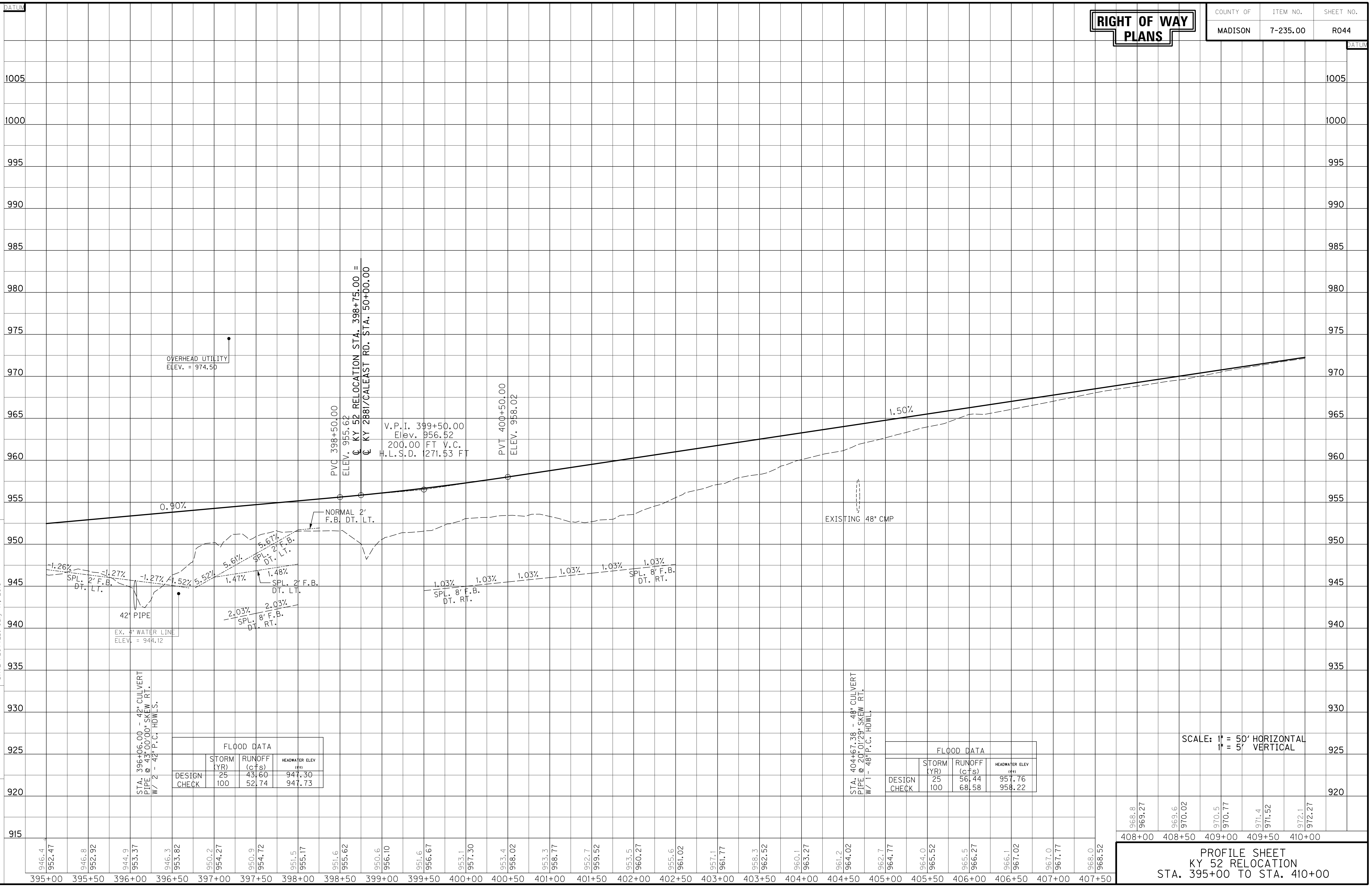
USER: efister
DATE PLOTTED: July 23, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R044

RIGHT OF WAY PLANS



FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	43.60	947.30
CHECK	100	52.74	947.73

FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	56.44	957.76
CHECK	100	68.58	958.22

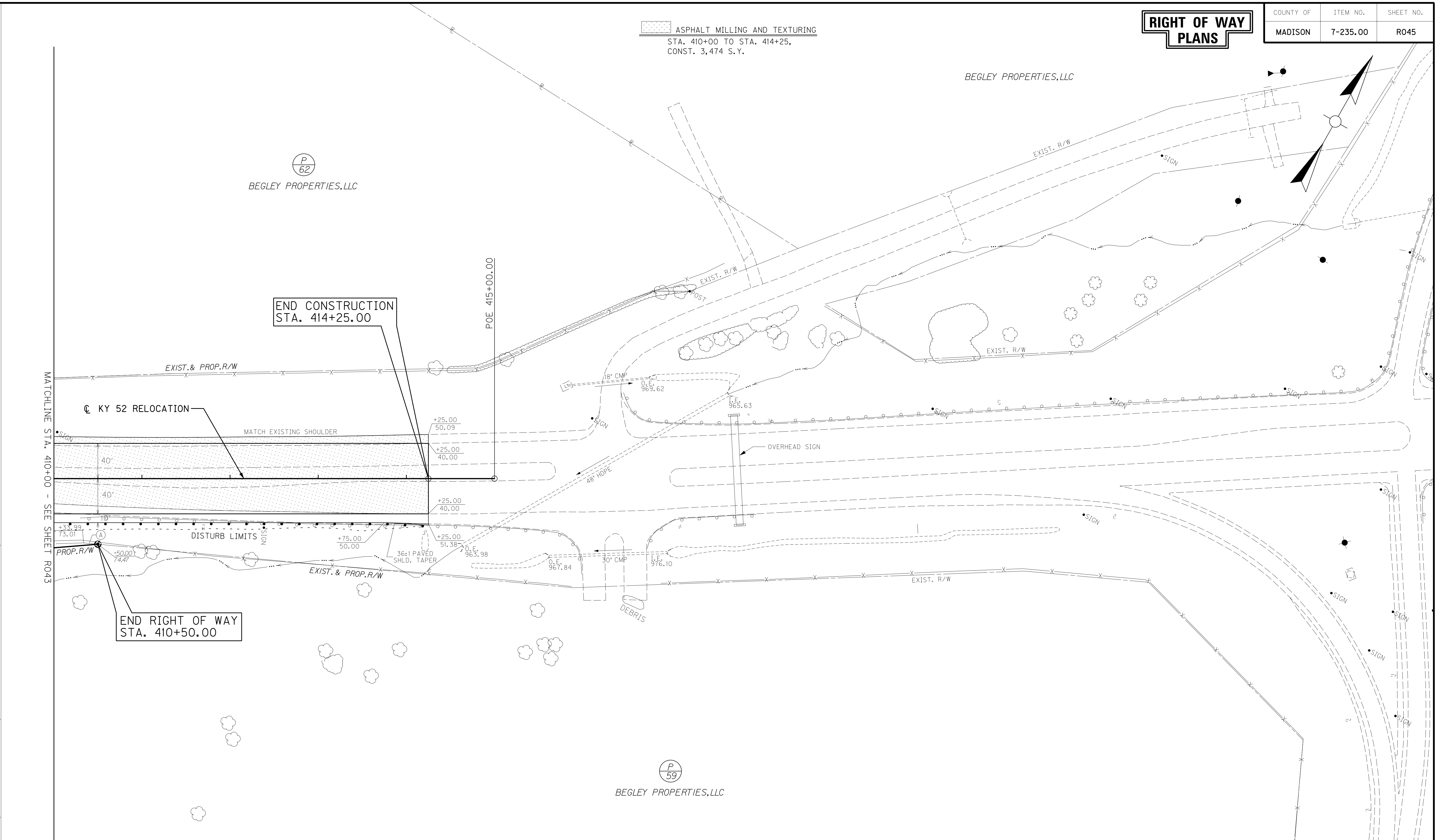
SCALE: 1" = 50' HORIZONTAL
1" = 5' VERTICAL

PROFILE SHEET
KY 52 RELOCATION
STA. 395+00 TO STA. 410+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R044OOPR.DGN
USER: seills
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R045

RIGHT OF WAY PLANS



RIGHT OF WAY CALLS

Ⓐ N 65° 43' 49" E 16.08'

STEEL "W" BEAM GUARDRAIL CONSTRUCTION CHART

LT	RT	STATION TO STATION	SINGLE FACE (FT)	TERM. SEC. TYPE 1 (EACH)
-	X	410+00 TO 414+25	424.88	-

R/W MONUMENT - TYPE 1
RT. STA. 395+00 TO STA. 414+25,
CONST. 1

REMOVE GUARDRAIL
RT. STA. 410+29.89 TO STA. 414+25,
REMOVE 395.30 L.F.

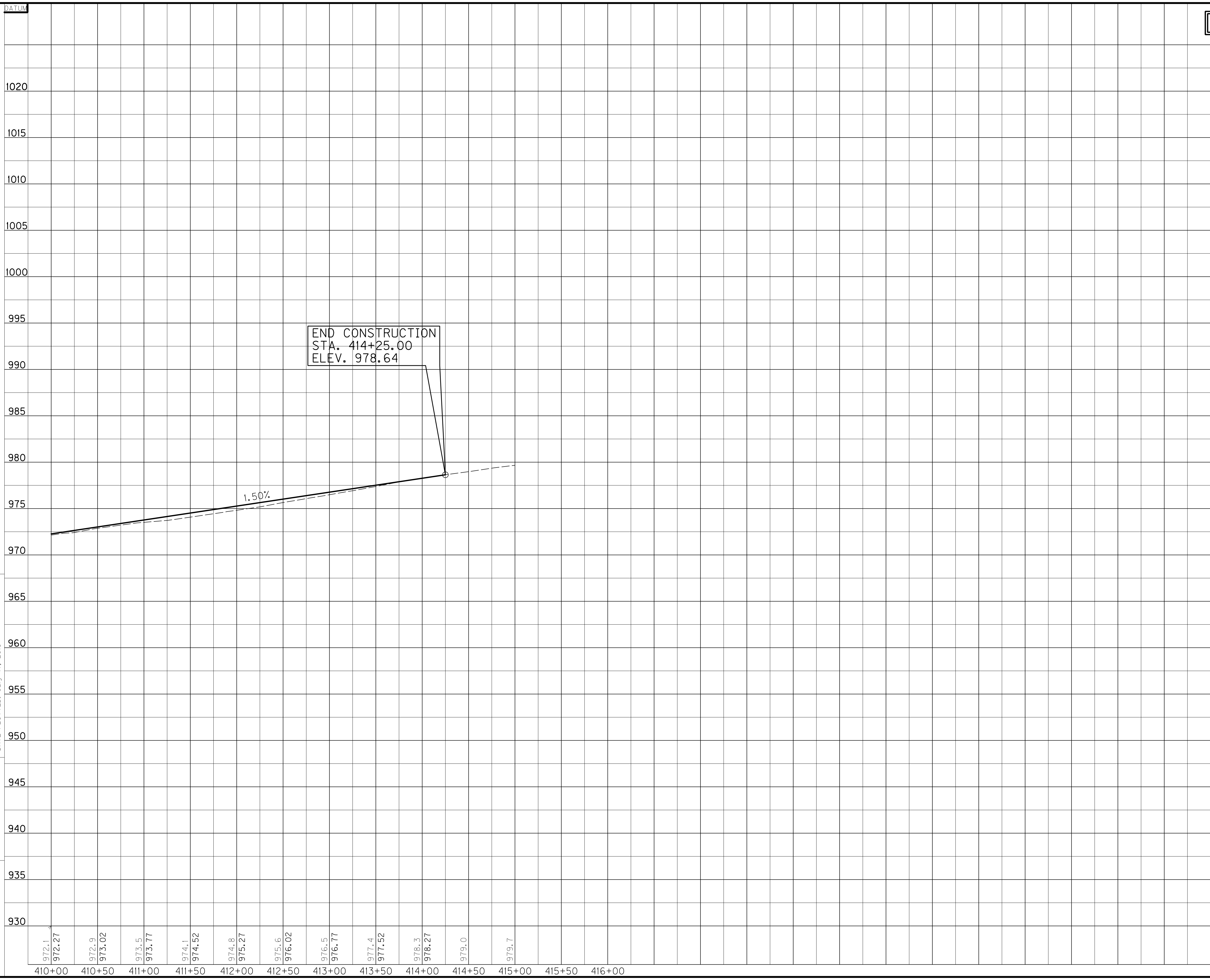
EDGE KEY
STA. 414+25.00 - 102 L.F.

PLAN SHEET
KY 52 RELOCATION
STA. 410+00 TO STA. 414+25.00

MicroStation v8.11.7.443 | E-SHEET NAME: | USER: efister DATE PLOTTED: July 17, 2018 | FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R04500PL.DGN

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R046



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

PROFILE SHEET
KY 52 RELOCATION
STA. 410+00 TO STA. 414+25.00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R04600PR.DGN

USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R047

RIGHT OF WAY PLANS

THE CONTRACTOR IS ADVISED TO EXERCISE CAUTION IN HIS OPERATIONS IN AREAS WHERE PLANS INDICATE THE PRESENCE OF A GAS LINE OR OTHER LINES CARRYING HAZARDOUS MATERIALS.

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
39+50 TO 41+00	NORMAL 2′ F.B. DT.	ECB	237 S.Y.
41+00 TO 42+31.45	SPL. 2′ F.B. DT.	ECB	193 S.Y.
42+75.33 TO 43+15	SPL. 2′ F.B. DT.	ECB	69 S.Y.
45+62.00 OUTLET•	10′ F.B. OUTLET	CL. II	107 TONS
45+44.96 TO 46+74.71	SPL. 2′ F.B. DT.	TRM I	147 S.Y.
ENTR. 47+00 LT. - DITCH RT.	SPL. 2′ F.B. DT.	ECB	145 S.Y.
ENTR. 47+00 LT. - DITCH LT.	SPL. 2′ F.B. DT.	TRM I	123 S.Y.
48+50 TO 49+20	NORMAL 2′ F.B. DT.	TRM I	73 S.Y.
49+20 TO 49+50	SPL. 2′ F.B. DT.	TRM I	48 S.Y.

• DEPTH TO PROTECT = 3.5′

ENTRANCE CONSTRUCTION CHART

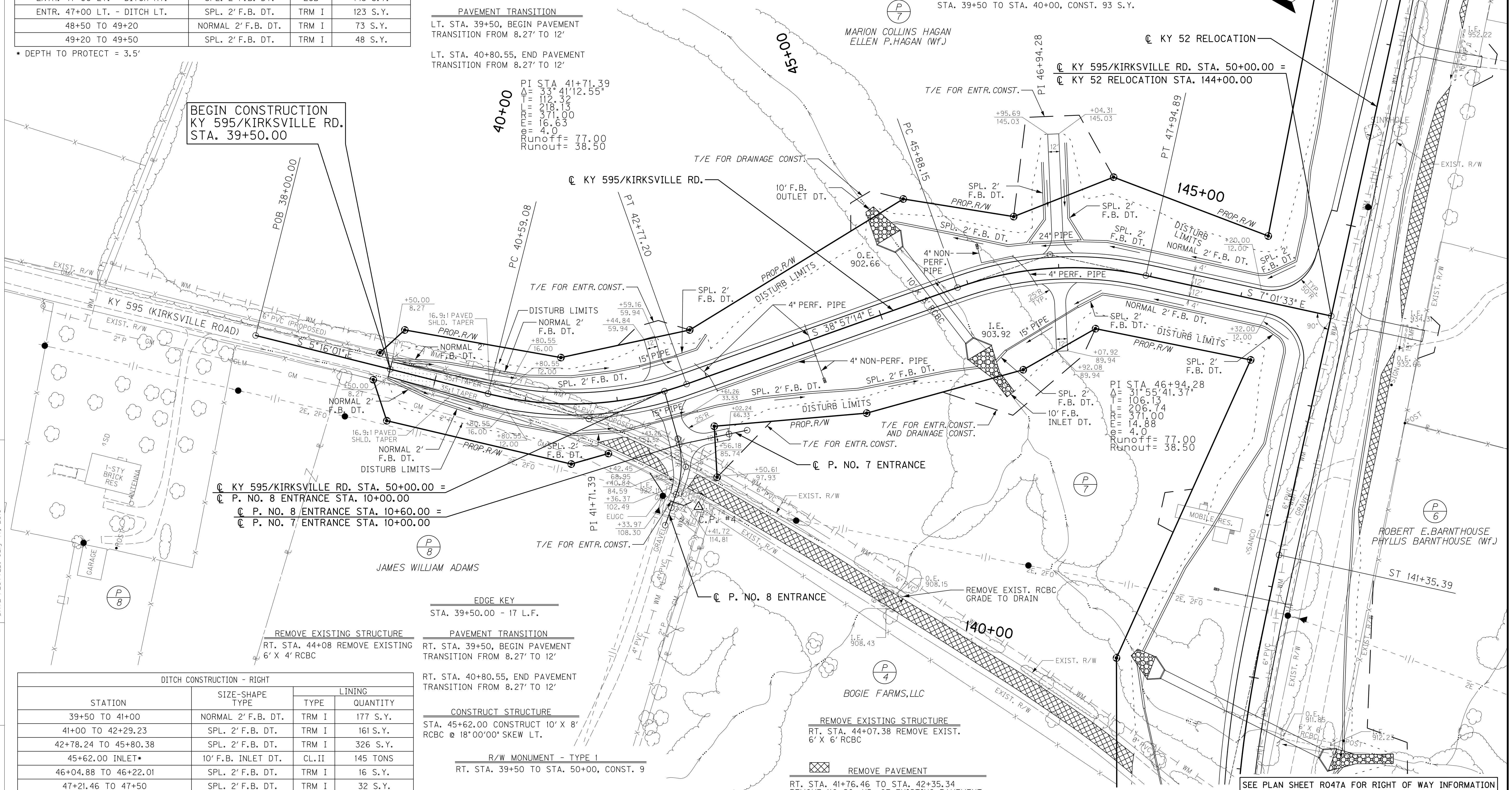
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	42+52	RESIDENTIAL	12′	78	6	13	29	15"	40′
-	X	42+52-1	RESIDENTIAL	20′	267	22	45	96	15"	53′
-	X	42+52-2	RESIDENTIAL	12′	29	2	5	11	-	-
X	-	47+00	RESIDENTIAL	12′	185	15	31	68	24"	49′
-	X	47+00	RESIDENTIAL	12′	118	10	20	44	15"	91′

R/W MONUMENT - TYPE 1
LT. STA. 39+50 TO STA. 50+00, CONST. 7

ASPHALT MILLING AND TEXTURING
STA. 39+50 TO STA. 40+00, CONST. 93 S.Y.

PAVEMENT TRANSITION
LT. STA. 39+50, BEGIN PAVEMENT TRANSITION FROM 8.27′ TO 12′

LT. STA. 40+80.55, END PAVEMENT TRANSITION FROM 8.27′ TO 12′



EDGE KEY
STA. 39+50.00 - 17 L.F.

REMOVE EXISTING STRUCTURE
RT. STA. 44+08 REMOVE EXISTING 6′ X 4′ RCBC

PAVEMENT TRANSITION
RT. STA. 39+50, BEGIN PAVEMENT TRANSITION FROM 8.27′ TO 12′

RT. STA. 40+80.55, END PAVEMENT TRANSITION FROM 8.27′ TO 12′

CONSTRUCT STRUCTURE
STA. 45+62.00 CONSTRUCT 10′ X 8′ RCBC @ 18°00′00" SKEW LT.

R/W MONUMENT - TYPE 1
RT. STA. 39+50 TO STA. 50+00, CONST. 9

C.P.#4, IRON PIN AND CAP
624.67′ LT. STA. 140+59.72, ELEV. 923.46

DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
39+50 TO 41+00	NORMAL 2′ F.B. DT.	TRM I	177 S.Y.
41+00 TO 42+29.23	SPL. 2′ F.B. DT.	TRM I	161 S.Y.
42+78.24 TO 45+80.38	SPL. 2′ F.B. DT.	TRM I	326 S.Y.
45+62.00 INLET•	10′ F.B. INLET DT.	CL.II	145 TONS
46+04.88 TO 46+22.01	SPL. 2′ F.B. DT.	TRM I	16 S.Y.
47+21.46 TO 47+50	SPL. 2′ F.B. DT.	TRM I	32 S.Y.
47+50 TO 49+32	NORMAL 2′ F.B. DT.	ECB	286 S.Y.
49+32 TO 49+50	SPL. 2′ F.B. DT.	ECB	38 S.Y.

• DEPTH TO PROTECT = 3.5′

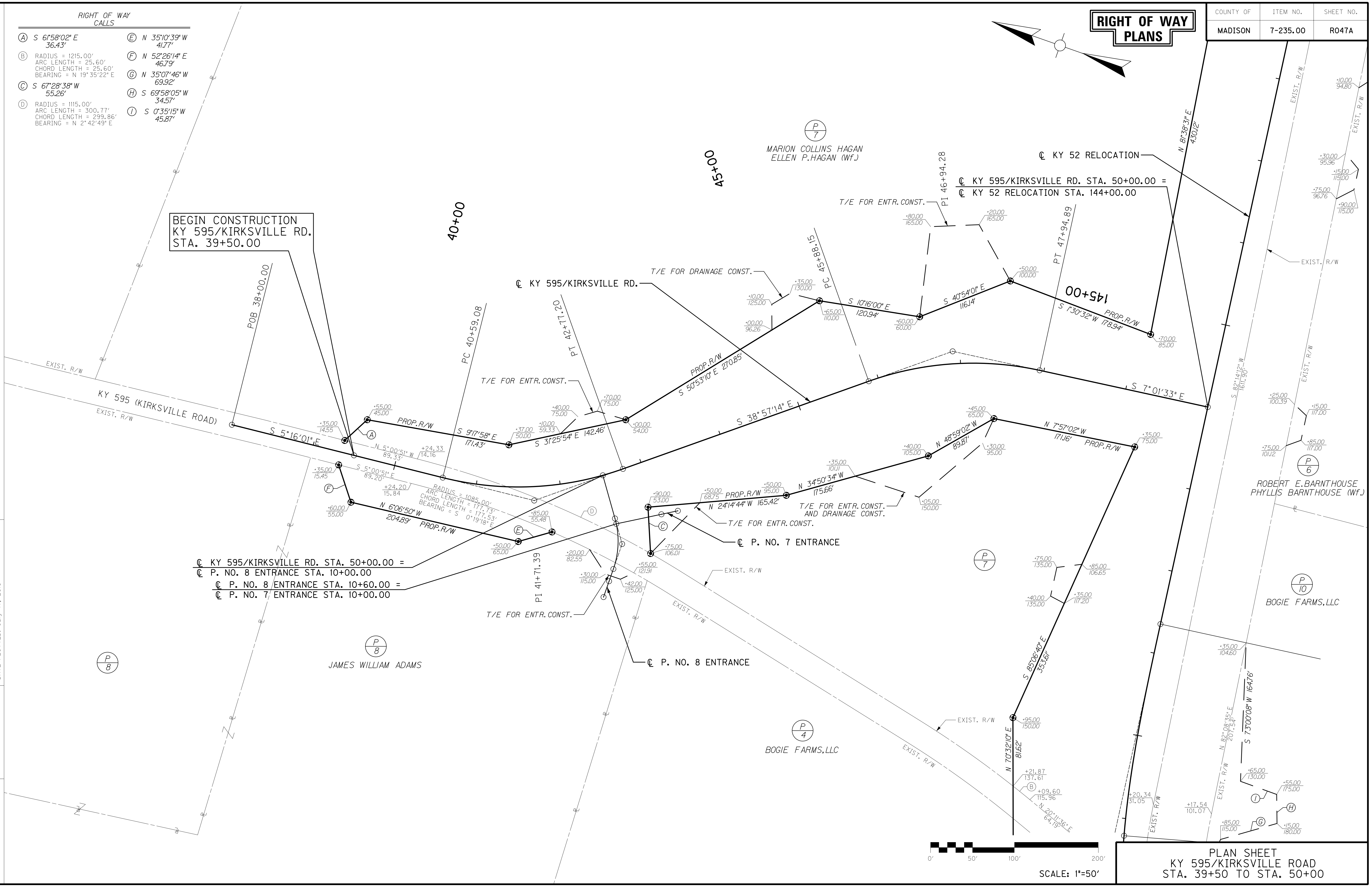
REMOVE EXISTING STRUCTURE
RT. STA. 44+07.38 REMOVE EXIST. 6′ X 6′ RCBC

REMOVE PAVEMENT
RT. STA. 41+76.46 TO STA. 42+35.34 REMOVE 110 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 42+48.72 TO STA. 48+95.11 REMOVE 1045 SQ. YD. OF EXISTING PAVEMENT

0′ 50′ 100′ 200′
SCALE: 1"=50′

PLAN SHEET
KY 595/KIRKSVILLE ROAD
STA. 39+50 TO STA. 50+00



FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R047APL.DGN

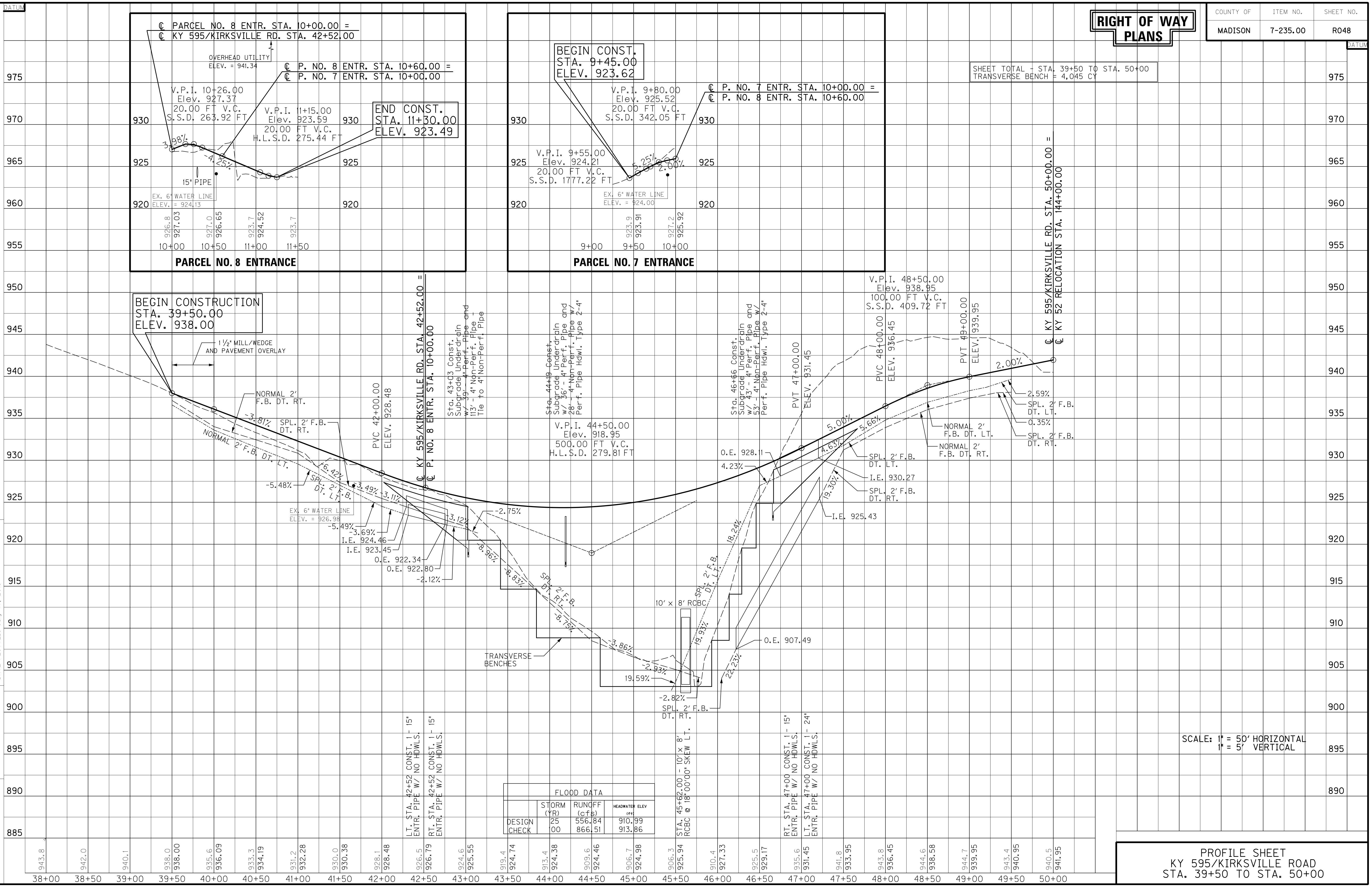
USER: efister
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R048

RIGHT OF WAY PLANS



FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	556.84	910.99
CHECK	100	866.51	913.86

PROFILE SHEET
KY 595/KIRKSVILLE ROAD
STA. 39+50 TO STA. 50+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R0480OPR.DGN
USER: sellis DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R049

RIGHT OF WAY PLANS

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
51+50 TO 56+50	SPL. 2' F.B. DT.	TRM I	595 S.Y.

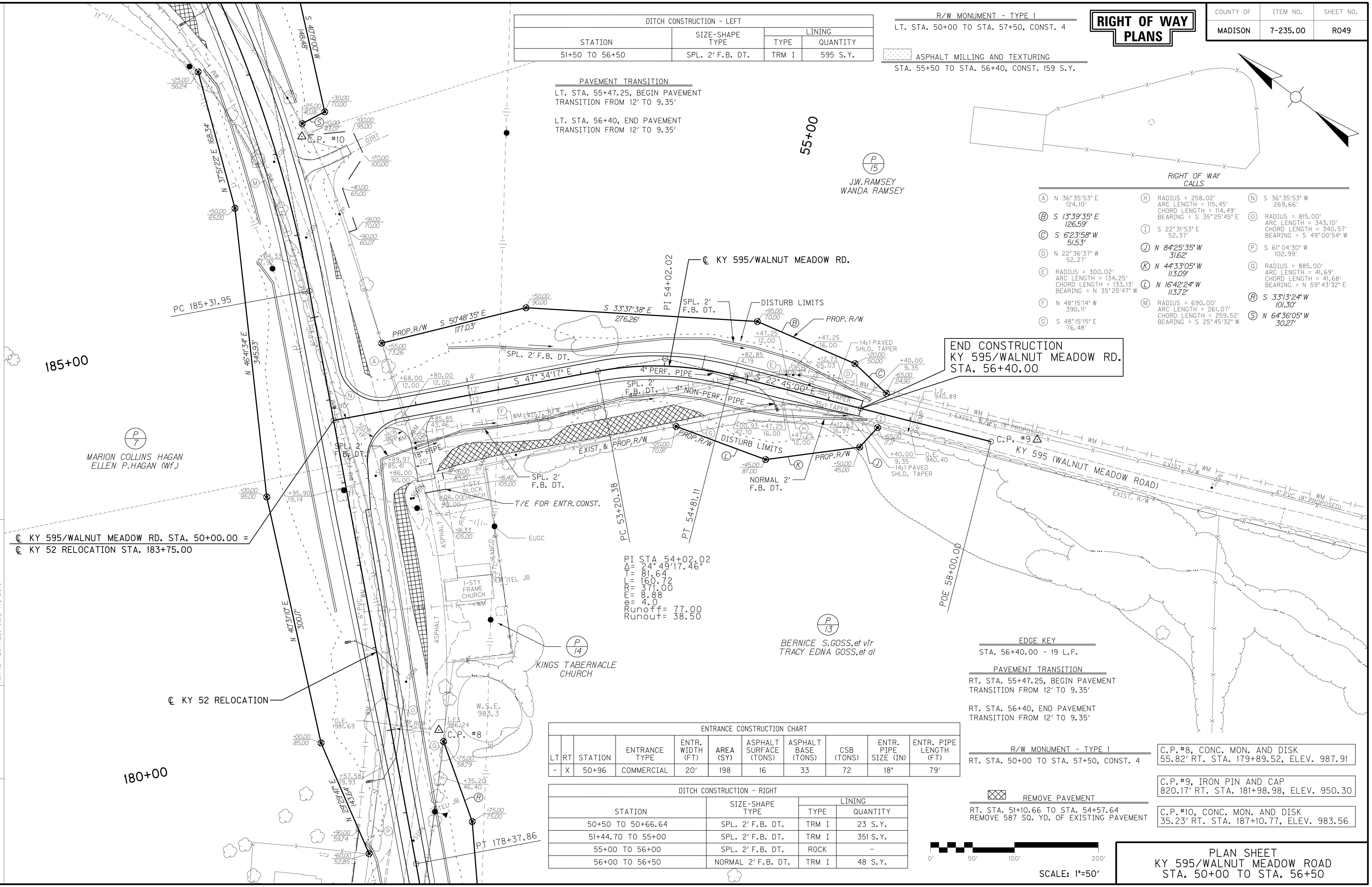
PAVEMENT TRANSITION
LT. STA. 55+47.25, BEGIN PAVEMENT TRANSITION FROM 12' TO 9.35'
LT. STA. 56+40, END PAVEMENT TRANSITION FROM 12' TO 9.35'

R/W MONUMENT - TYPE 1
LT. STA. 50+00 TO STA. 57+50, CONST. 4

ASPHALT MILLING AND TEXTURING
STA. 55+50 TO STA. 56+40, CONST. 159 S.Y.

RIGHT OF WAY CALLS

- (A) N 36°35'53" E 124.10'
- (B) S 13°39'35" E 126.59'
- (C) S 6°23'58" W 51.53'
- (D) N 22°36'37" W 52.27'
- (E) RADIUS = 300.02' ARC LENGTH = 134.25' CHORD LENGTH = 133.13' BEARING = N 35°25'47" W
- (F) N 48°15'14" W 390.11'
- (G) S 48°15'15" E 76.48'
- (H) RADIUS = 258.02' ARC LENGTH = 115.45' CHORD LENGTH = 114.49' BEARING = S 35°25'45" E
- (I) S 22°31'53" E 52.37'
- (J) N 84°25'35" W 31.62'
- (K) N 44°33'05" W 113.09'
- (L) N 16°42'24" W 113.72'
- (M) RADIUS = 690.00' ARC LENGTH = 261.07' CHORD LENGTH = 259.52' BEARING = S 25°45'32" W
- (N) S 36°35'53" W 269.66'
- (O) RADIUS = 815.00' ARC LENGTH = 343.10' CHORD LENGTH = 340.57' BEARING = S 49°00'54" W
- (P) S 61°04'30" W 102.99'
- (Q) RADIUS = 885.00' ARC LENGTH = 41.69' CHORD LENGTH = 41.68' BEARING = N 59°43'32" E
- (R) S 33°13'24" W 101.30'
- (S) N 64°36'05" W 30.27'



EDGE KEY
STA. 56+40.00 - 19 L.F.

PAVEMENT TRANSITION
RT. STA. 55+47.25, BEGIN PAVEMENT TRANSITION FROM 12' TO 9.35'
RT. STA. 56+40, END PAVEMENT TRANSITION FROM 12' TO 9.35'

ENTRANCE CONSTRUCTION CHART										
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	X	50+96	COMMERCIAL	20'	198	16	33	72	18"	79'

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
50+50 TO 50+66.64	SPL. 2' F.B. DT.	TRM I	23 S.Y.
51+44.70 TO 55+00	SPL. 2' F.B. DT.	TRM I	351 S.Y.
55+00 TO 56+00	SPL. 2' F.B. DT.	ROCK	-
56+00 TO 56+50	NORMAL 2' F.B. DT.	TRM I	48 S.Y.

R/W MONUMENT - TYPE 1
RT. STA. 50+00 TO STA. 57+50, CONST. 4

REMOVE PAVEMENT
RT. STA. 51+10.66 TO STA. 54+57.64
REMOVE 587 SQ. YD. OF EXISTING PAVEMENT

C.P. #8, CONC. MON. AND DISK
55.82' RT. STA. 179+89.52, ELEV. 987.91

C.P. #9, IRON PIN AND CAP
820.17' RT. STA. 181+98.98, ELEV. 950.30

C.P. #10, CONC. MON. AND DISK
35.23' RT. STA. 187+10.77, ELEV. 983.56

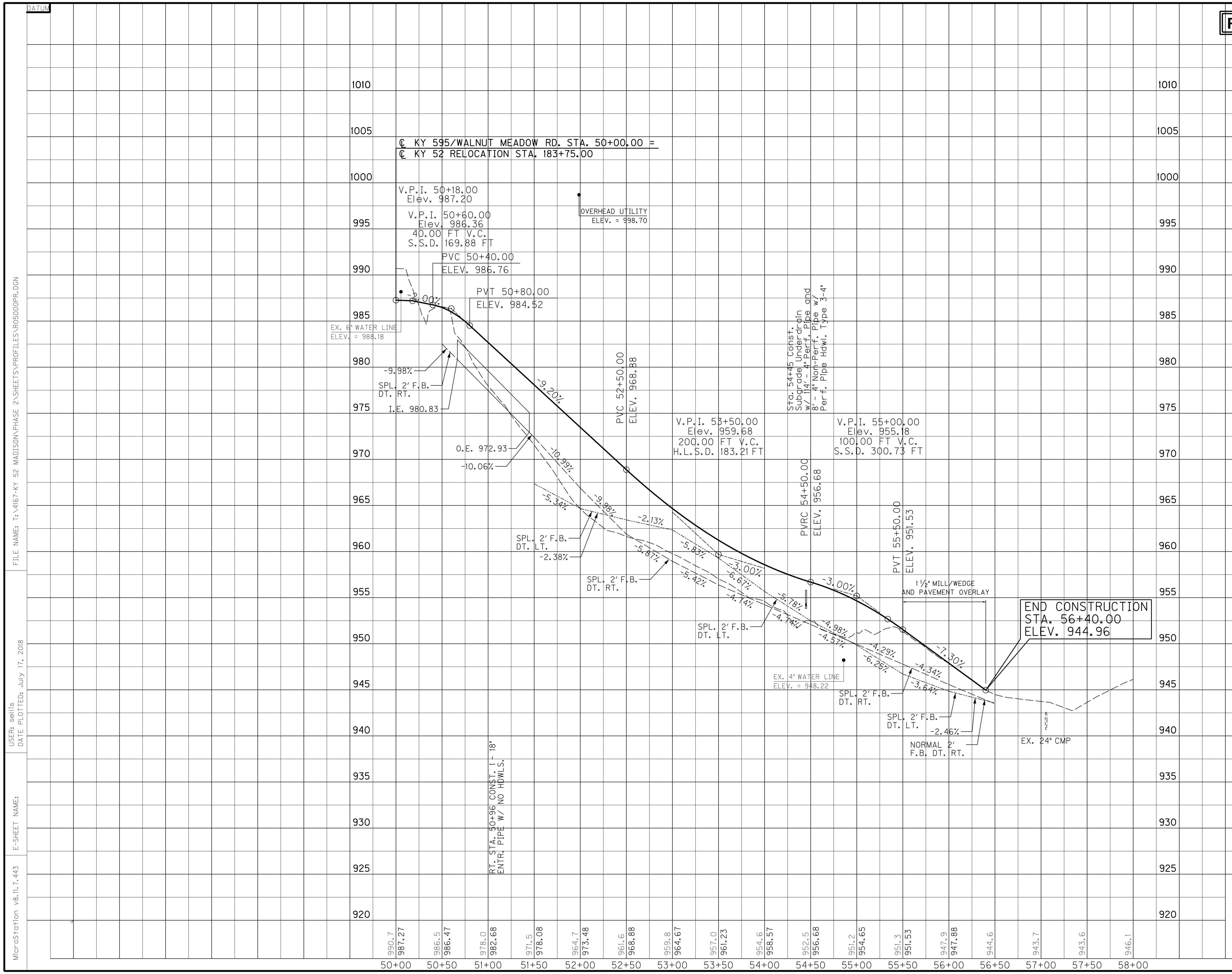
0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 595/WALNUT MEADOW ROAD
STA. 50+00 TO STA. 56+50

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R049OOPL.DGN
USER: efister
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R050



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

PROFILE SHEET
KY 595/WALNUT MEADOW ROAD
STA. 50+00 TO STA. 56+50

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R051

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
41+70 TO 44+50	NORMAL 2' F.B. DT.	TRM I	320 S.Y.
44+50 TO 45+46.18	SPL. 2' F.B. DT.	TRM I	110 S.Y.
ENTR. 45+65 LT. - DITCH RT.	SPL. 2' F.B. DT.	ECB	272 S.Y.
ENTR. 45+65 LT. - DITCH LT.	SPL. 2' F.B. DT.	ECB	240 S.Y.
45+86.13 TO 46+00	SPL. 2' F.B. DT.	TRM I	15 S.Y.
46+00 TO 46+50	NORMAL 2' F.B. DT.	TRM I	51 S.Y.
46+50 TO 48+50	NORMAL 2' F.B. DT.	ROCK	-
48+50 TO 49+24.39	SPL. 2' F.B. DT.	ROCK	-
49+30.00 INLET	2' F.B. INLET DT.	CL. II	20 TONS

REMOVE PAVEMENT

LT. STA. 41+93.72 TO STA. 45+32.48
REMOVE 740 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 45+77.85 TO STA. 49+24.01
REMOVE 515 SQ. YD. OF EXISTING PAVEMENT

ASPHALT MILLING AND TEXTURING

STA. 40+00 TO STA. 41+50, CONST. 328 S.Y.

R/W MONUMENT - TYPE 1

LT. STA. 40+00 TO STA. 50+00, CONST. 1

RIGHT OF WAY CALLS

- (A) S 23°02'33" W 1.90'
- (B) RADIUS = 835.00' ARC LENGTH = 345.12' CHORD LENGTH = 342.67' BEARING = S 11°39'57" W
- (C) N 2°11'57" E 265.68'
- (D) N 22°49'09" E 43.17'
- (E) N 43°00'35" E 53.78'
- (F) S 78°12'08" E 207.26'
- (G) S 77°31'40" E 21.48'
- (H) S 0°10'30" E 285.36'

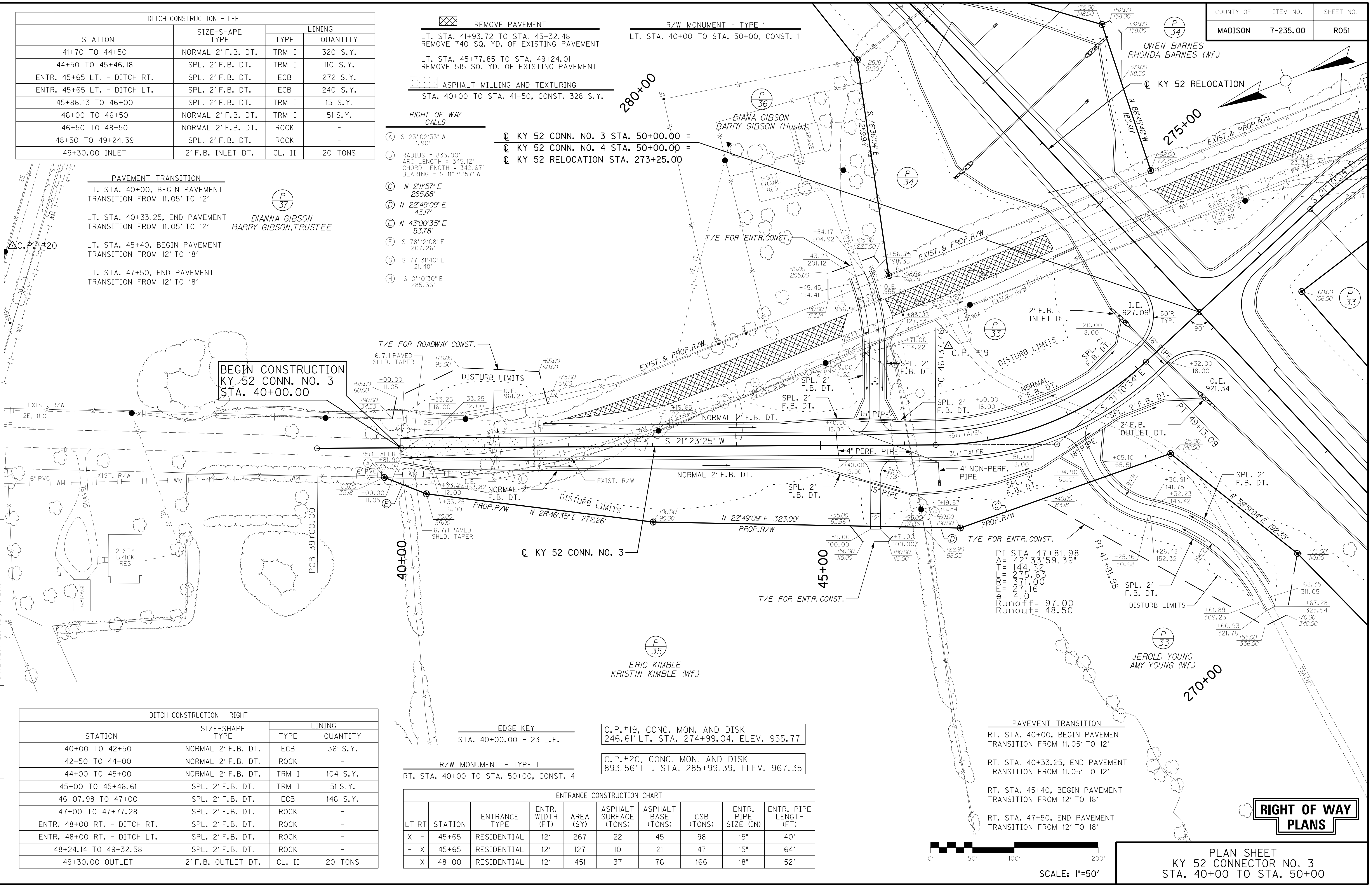
PAVEMENT TRANSITION

LT. STA. 40+00, BEGIN PAVEMENT TRANSITION FROM 11.05' TO 12'

LT. STA. 40+33.25, END PAVEMENT TRANSITION FROM 11.05' TO 12'

LT. STA. 45+40, BEGIN PAVEMENT TRANSITION FROM 12' TO 18'

LT. STA. 47+50, END PAVEMENT TRANSITION FROM 12' TO 18'



DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
40+00 TO 42+50	NORMAL 2' F.B. DT.	ECB	361 S.Y.
42+50 TO 44+00	NORMAL 2' F.B. DT.	ROCK	-
44+00 TO 45+00	NORMAL 2' F.B. DT.	TRM I	104 S.Y.
45+00 TO 45+46.61	SPL. 2' F.B. DT.	TRM I	51 S.Y.
46+07.98 TO 47+00	SPL. 2' F.B. DT.	ECB	146 S.Y.
47+00 TO 47+77.28	SPL. 2' F.B. DT.	ROCK	-
ENTR. 48+00 RT. - DITCH RT.	SPL. 2' F.B. DT.	ROCK	-
ENTR. 48+00 RT. - DITCH LT.	SPL. 2' F.B. DT.	ROCK	-
48+24.14 TO 49+32.58	SPL. 2' F.B. DT.	ROCK	-
49+30.00 OUTLET	2' F.B. OUTLET DT.	CL. II	20 TONS

EDGE KEY

STA. 40+00.00 - 23 L.F.

R/W MONUMENT - TYPE 1

RT. STA. 40+00 TO STA. 50+00, CONST. 4

C.P.#19, CONC. MON. AND DISK
246.61' LT. STA. 274+99.04, ELEV. 955.77

C.P.#20, CONC. MON. AND DISK
893.56' LT. STA. 285+99.39, ELEV. 967.35

ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	45+65	RESIDENTIAL	12'	267	22	45	98	15"	40'
-	X	45+65	RESIDENTIAL	12'	127	10	21	47	15"	64'
-	X	48+00	RESIDENTIAL	12'	451	37	76	166	18"	52'

PAVEMENT TRANSITION

RT. STA. 40+00, BEGIN PAVEMENT TRANSITION FROM 11.05' TO 12'

RT. STA. 40+33.25, END PAVEMENT TRANSITION FROM 11.05' TO 12'

RT. STA. 45+40, BEGIN PAVEMENT TRANSITION FROM 12' TO 18'

RT. STA. 47+50, END PAVEMENT TRANSITION FROM 12' TO 18'

RIGHT OF WAY PLANS

0' 50' 100' 200'

SCALE: 1"=50'

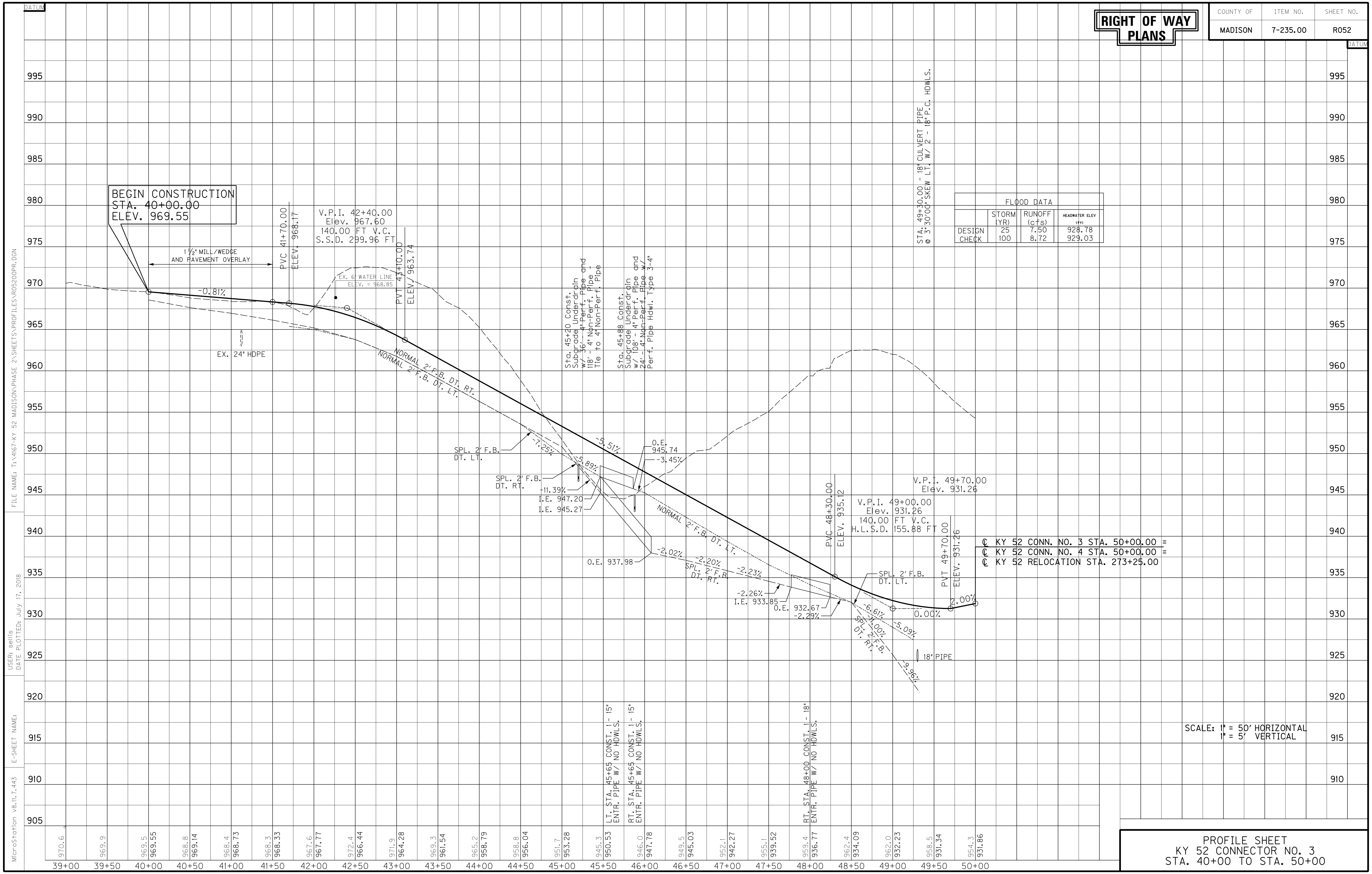
PLAN SHEET
KY 52 CONNECTOR NO. 3
STA. 40+00 TO STA. 50+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R0510OPL.DGN

USER: efister
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

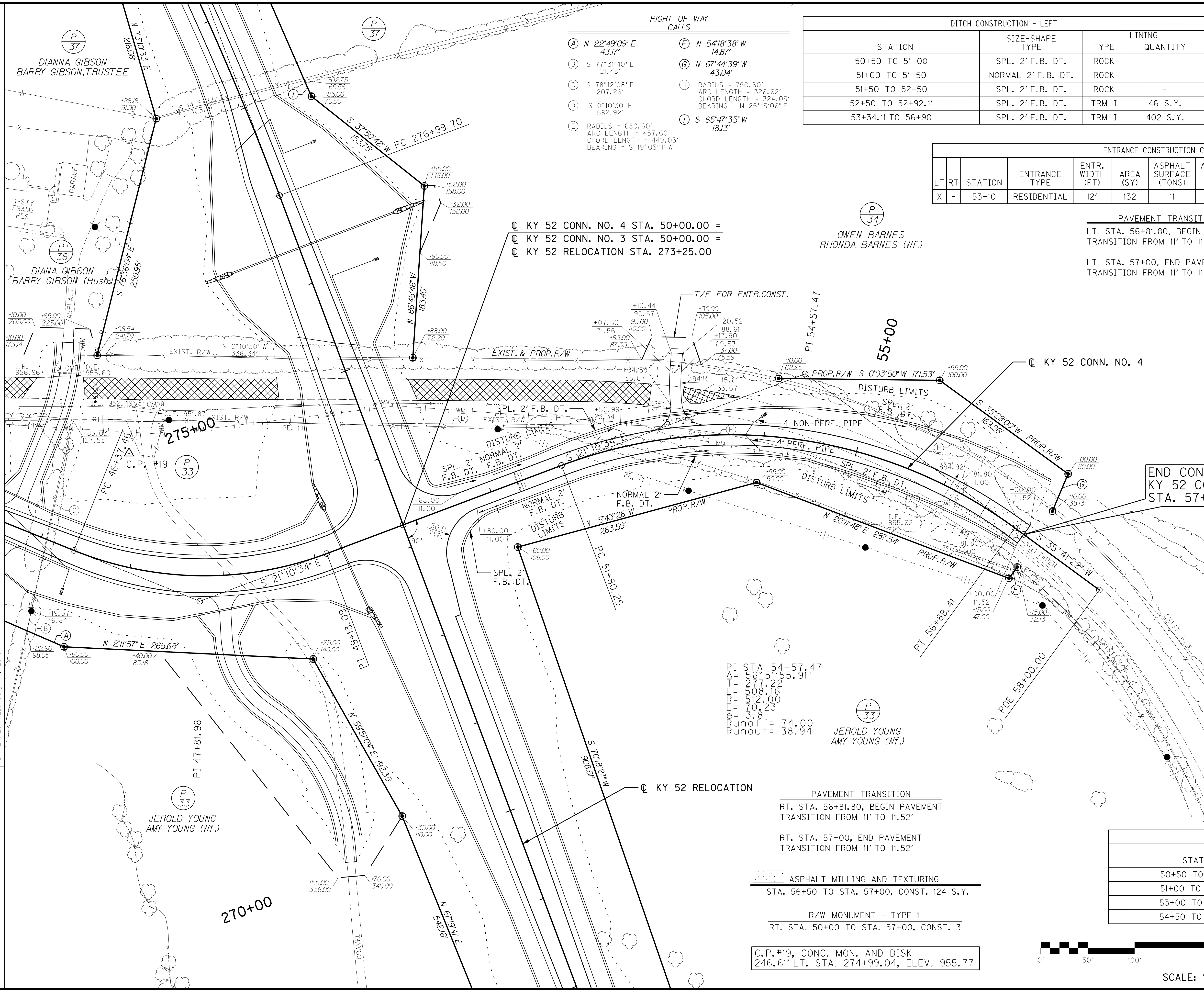


FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	7.50	928.78
CHECK	100	8.72	929.03

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R053

RIGHT OF WAY PLANS



DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
50+50 TO 51+00	SPL. 2' F.B. DT.	ROCK	-
51+00 TO 51+50	NORMAL 2' F.B. DT.	ROCK	-
51+50 TO 52+50	SPL. 2' F.B. DT.	ROCK	-
52+50 TO 52+92.11	SPL. 2' F.B. DT.	TRM I	46 S.Y.
53+34.11 TO 56+90	SPL. 2' F.B. DT.	TRM I	402 S.Y.

ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	53+10	RESIDENTIAL	12'	132	11	22	49	15"	44'

PAVEMENT TRANSITION

LT. STA. 56+81.80, BEGIN PAVEMENT TRANSITION FROM 11' TO 11.52'

LT. STA. 57+00, END PAVEMENT TRANSITION FROM 11' TO 11.52'

REMOVE PAVEMENT

LT. STA. 50+58.65 TO STA. 52+89.44 REMOVE 636 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 53+17.86 TO STA. 53+74.16 REMOVE 59 SQ. YD. OF EXISTING PAVEMENT

R/W MONUMENT - TYPE 1

LT. STA. 50+00 TO STA. 57+00, CONST. 4

EDGE KEY

STA. 57+00.00 - 23 L.F.

PAVEMENT TRANSITION

RT. STA. 56+81.80, BEGIN PAVEMENT TRANSITION FROM 11' TO 11.52'

RT. STA. 57+00, END PAVEMENT TRANSITION FROM 11' TO 11.52'

ASPHALT MILLING AND TEXTURING

STA. 56+50 TO STA. 57+00, CONST. 124 S.Y.

R/W MONUMENT - TYPE 1

RT. STA. 50+00 TO STA. 57+00, CONST. 3

C.P. #19, CONC. MON. AND DISK 246.61' LT. STA. 274+99.04, ELEV. 955.77

DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
50+50 TO 51+00	SPL. 2' F.B. DT.	ROCK	-
51+00 TO 53+00	NORMAL 2' F.B. DT.	ROCK	-
53+00 TO 54+50	NORMAL 2' F.B. DT.	TRM I	149 S.Y.
54+50 TO 57+00	SPL. 2' F.B. DT.	TRM I	249 S.Y.

0' 50' 100' 200'

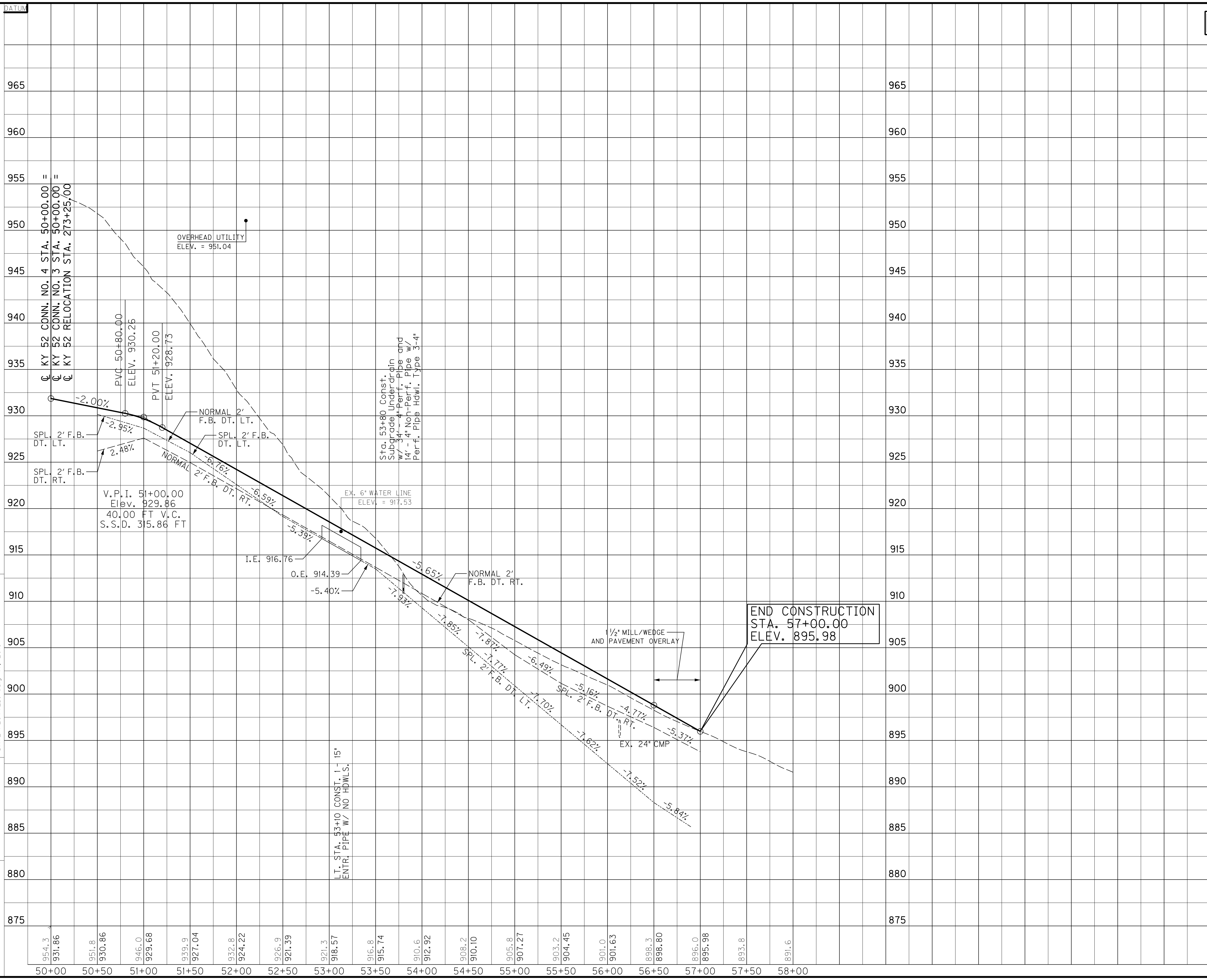
SCALE: 1"=50'

PLAN SHEET
KY 52 CONNECTOR NO. 4
STA. 50+00 TO STA. 57+00

MicroStation v8.11.7.443 | E-SHEET NAME: | USER: efister DATE PLOTTED: July 17, 2018 | FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R0530OPL.DGN

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R054



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

PROFILE SHEET
KY 52 CONNECTOR NO. 4
STA. 50+00 TO STA. 57+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R05400PR.DGN

USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R055

RIGHT OF WAY PLANS

PAVEMENT TRANSITION

LT. STA. 45+00, BEGIN PAVEMENT TRANSITION FROM 7.28' TO 9'

LT. STA. 45+60.20, END PAVEMENT TRANSITION FROM 7.28' TO 9'

LT. STA. 58+87, BEGIN PAVEMENT TRANSITION FROM 9' TO 7.20'

LT. STA. 59+50, END PAVEMENT TRANSITION FROM 9' TO 7.20'

ASPHALT MILLING AND TEXTURING

STA. 45+00 TO STA. 45+70, CONST. 115 S.Y.

REMOVE PAVEMENT

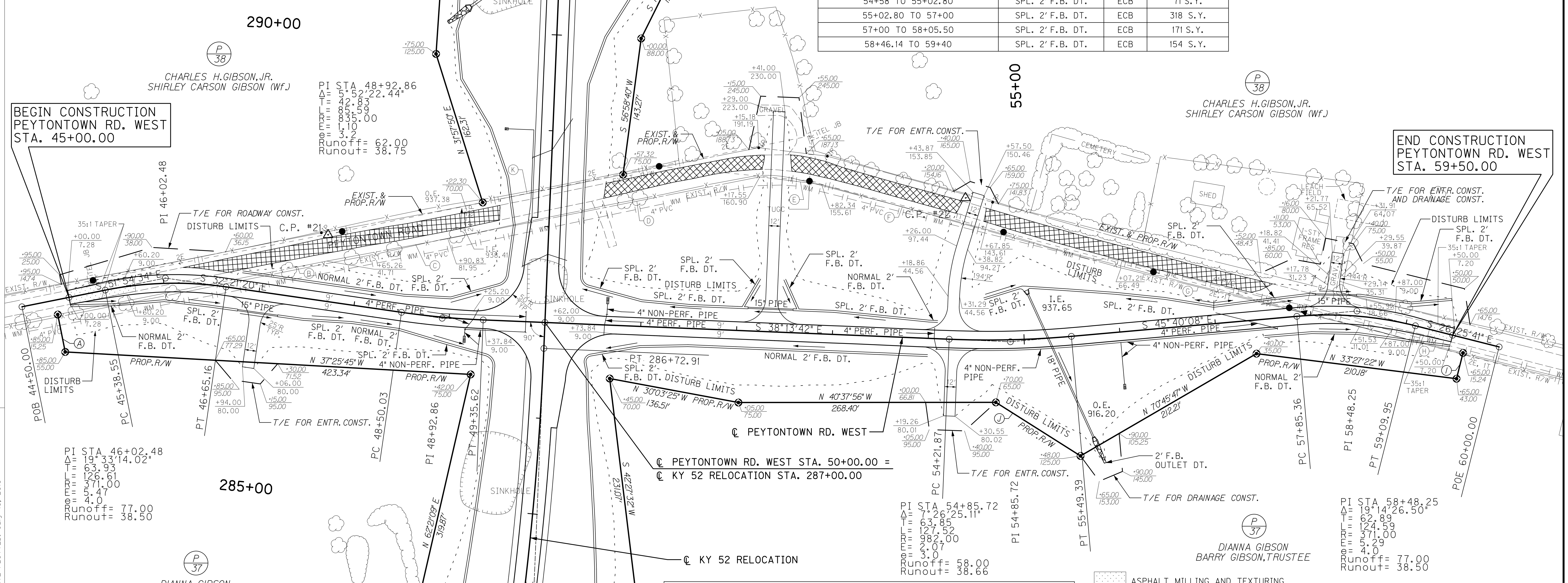
LT. STA. 46+19.91 TO STA. 49+48.36
REMOVE 529 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 50+55.95 TO STA. 52+21.53
REMOVE 262 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 52+48.78 TO STA. 54+31.22
REMOVE 299 SQ. YD. OF EXISTING PAVEMENT

LT. STA. 54+59.81 TO STA. 57+63.20
REMOVE 474 SQ. YD. OF EXISTING PAVEMENT

DITCH CONSTRUCTION - LEFT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
46+80 TO 47+50	NORMAL 2' F.B. DT.	ECB	112 S.Y.
47+50 TO 48+00	NORMAL 2' F.B. DT.	ROCK	-
48+00 TO 48+50	NORMAL 2' F.B. DT.	ECB	80 S.Y.
48+50 TO 49+50	SPL. 2' F.B. DT.	ECB	179 S.Y.
50+50 TO 52+10.97	SPL. 2' F.B. DT.	ECB	277 S.Y.
ENTR. 52+35 LT. - DITCH RT.	SPL. 2' F.B. DT.	ECB	53 S.Y.
ENTR. 52+35 LT. - DITCH LT.	SPL. 2' F.B. DT.	ECB	52 S.Y.
52+57.97 TO 54+00	SPL. 2' F.B. DT.	ECB	228 S.Y.
54+00 TO 54+09.11	NORMAL 2' F.B. DT.	ECB	15 S.Y.
54+58 TO 55+02.80	SPL. 2' F.B. DT.	ECB	71 S.Y.
55+02.80 TO 57+00	SPL. 2' F.B. DT.	ECB	318 S.Y.
57+00 TO 58+05.50	SPL. 2' F.B. DT.	ECB	171 S.Y.
58+46.14 TO 59+40	SPL. 2' F.B. DT.	ECB	154 S.Y.



DITCH CONSTRUCTION - RIGHT			
STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
45+00 TO 46+00	NORMAL 2' F.B. DT.	TRM I	112 S.Y.
46+00 TO 46+80.67	SPL. 2' F.B. DT.	TRM I	89 S.Y.
47+22.67 TO 47+50	SPL. 2' F.B. DT.	TRM I	32 S.Y.
47+50 TO 48+00	SPL. 2' F.B. DT.	ROCK	-
48+00 TO 48+50	NORMAL 2' F.B. DT.	TRM I	57 S.Y.
48+50 TO 49+35	SPL. 2' F.B. DT.	TRM I	102 S.Y.
50+50 TO 51+50	SPL. 2' F.B. DT.	ECB	179 S.Y.
51+50 TO 54+00	NORMAL 2' F.B. DT.	ECB	400 S.Y.
55+25.00 OUTLET	2' F.B. OUTLET DT.	CL. II	18 TONS
57+50 TO 59+50	NORMAL 2' F.B. DT.	ECB	311 S.Y.

ASPHALT MILLING AND TEXTURING

STA. 59+25 TO STA. 59+50, CONST. 39 S.Y.

C.P. #21, CONC. MON. AND DISK
229.62' LT. STA. 287+81.87, ELEV. 944.97

C.P. #22, CONC. MON. AND DISK
432.71' RT. STA. 288+47.87, ELEV. 945.86

ENTRANCE CONSTRUCTION CHART										
LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	X	47+00	RESIDENTIAL	12'	124	10	21	46	15"	42'
X	-	52+35	RESIDENTIAL	12'	324	27	55	120	15"	47'
X	-	54+25	RESIDENTIAL	12'	225	19	38	83	-	-
-	X	54+25	RESIDENTIAL	12'	124	10	21	46	-	-
X	-	58+23	RESIDENTIAL	12'	101	8	17	38	15"	43'

EDGE KEY

STA. 45+00.00 - 15 L.F.

STA. 59+50.00 - 15 L.F.

PAVEMENT TRANSITION

RT. STA. 45+00, BEGIN PAVEMENT TRANSITION FROM 7.28' TO 9'

RT. STA. 45+60.20, END PAVEMENT TRANSITION FROM 7.28' TO 9'

RT. STA. 58+87, BEGIN PAVEMENT TRANSITION FROM 9' TO 7.20'

RT. STA. 59+50, END PAVEMENT TRANSITION FROM 9' TO 7.20'

RIGHT OF WAY CALLS

A	N 38°05'26" E 39.75'	G	S 26°41'40" E 255.92'
B	S 51°50'25" E 286.01'	H	S 26°32'32" E 111.51'
C	S 51°03'17" E 128.32'	I	S 63°34'19" W 27.76'
D	S 51°48'34" E 331.57'	J	N 8°16'53" W 104.44'
E	S 33°34'02" E 65.01'	K	N 51°48'34" W 149.17'
F	S 25°02'15" E 323.96'		

R/W MONUMENT - TYPE 1

RT. STA. 45+00 TO STA. 59+50, CONST. 8

0' 50' 100' 200'

SCALE: 1"=50'

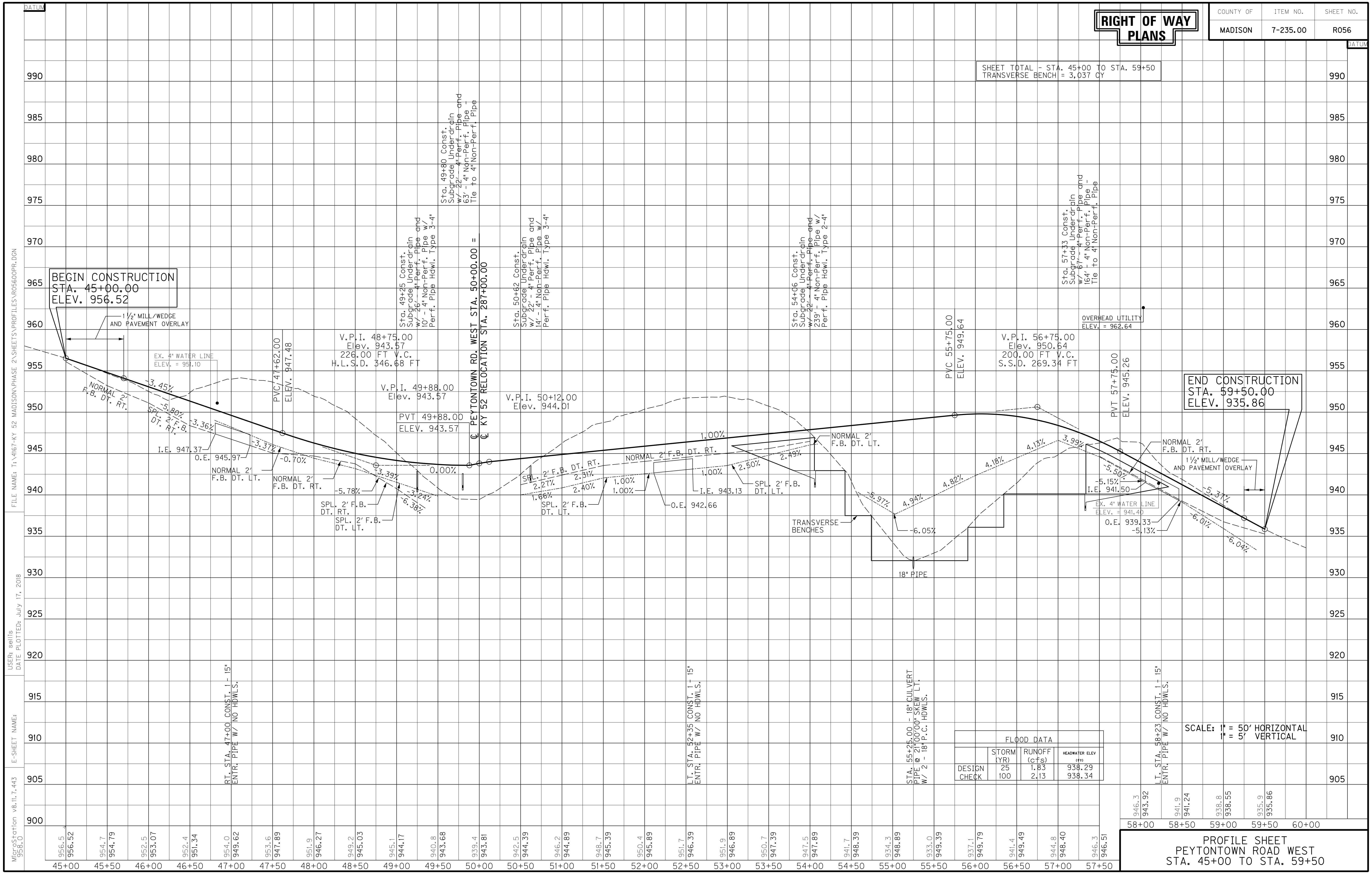
PLAN SHEET
PEYTONTOWN ROAD WEST
STA. 45+00 TO STA. 59+50

MicroStation v8.11.7.443 | E-SHEET NAME: | USER: seillis DATE PLOTTED: July 18, 2018 | FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R05500PL.DGN

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R056

PROFILE SHEET
PEYTONTOWN ROAD WEST
STA. 45+00 TO STA. 59+50



FLOOD DATA

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	1.83	938.29
CHECK	100	2.13	938.34

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R057

RIGHT OF WAY PLANS

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
53+30.00 INLET*	10' F.B. INLET DT.	CL. III	125 TONS

* DEPTH TO PROTECT = 3.5'; PARTIALLY GROUTED RIPRAP - USE 17 CU. YD. CONCRETE CLASS 'B'

R/W MONUMENT - TYPE 1

MASON RD. LT. STA. 45+50 TO PEYTONTOWN RD. EAST STA. 55+25, CONST. 6

ASPHALT MILLING AND TEXTURING

MASON RD. STA. 45+50 TO STA. 46+25, CONST. 93 S.Y.

PAVEMENT TRANSITION

LT. STA. 45+50, BEGIN PAVEMENT TRANSITION FROM 5.83' TO 6'

LT. STA. 45+52.55, END PAVEMENT TRANSITION FROM 5.83' TO 6'

LT. STA. 46+05, BEGIN PAVEMENT TRANSITION FROM 6' TO 9'

LT. STA. 46+50, END PAVEMENT TRANSITION FROM 6' TO 9'

ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
-	X	50+90	COMMERCIAL	20'	154	13	26	57	-	-
X	-	52+28	RESIDENTIAL	12'	108	9	18	41	-	-
-	X	52+28	COMMERCIAL	20'	130	11	22	47	15"	50'
-	X	54+50	RESIDENTIAL	12'	88	7	15	33	24"	71'

CONSTRUCT STRUCTURE

STA. 53+30.00 CONSTRUCT 20' X 5' RCBC @ 9°00'00" SKEW LT.

PAVEMENT TRANSITION

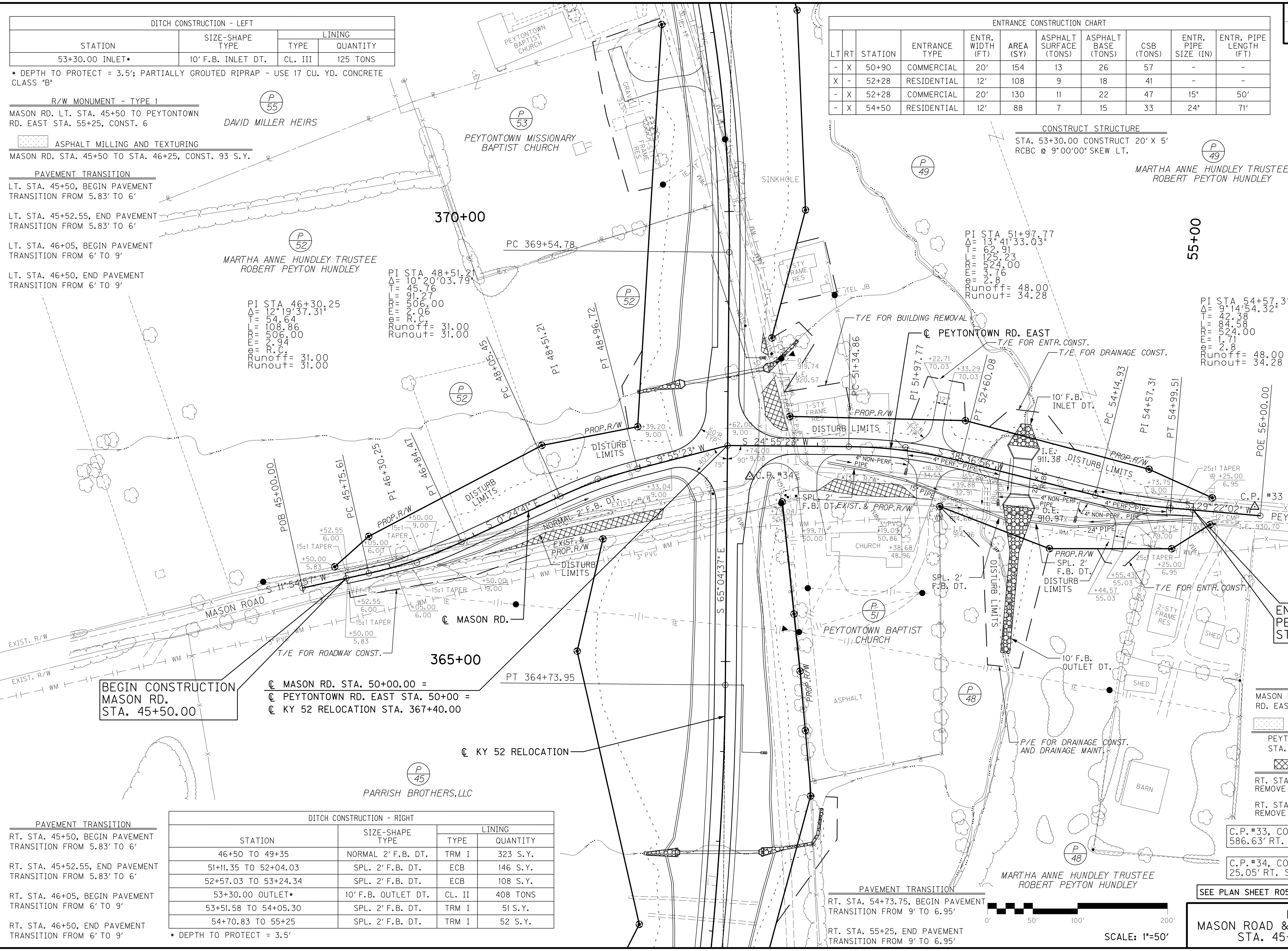
LT. STA. 54+73.75, BEGIN PAVEMENT TRANSITION FROM 9' TO 6.95'

LT. STA. 55+25, END PAVEMENT TRANSITION FROM 9' TO 6.95'

EDGE KEY

STA. 45+50.00 - 12 L.F.

STA. 55+25.00 - 14 L.F.



P 48

R/W MONUMENT - TYPE 1

MASON RD. RT. STA. 45+50 TO PEYTONTOWN RD. EAST STA. 55+25, CONST. 4

ASPHALT MILLING AND TEXTURING

PEYTONTOWN RD. EAST STA. 55+00 TO STA. 55+25, CONST. 38 S.Y.

REMOVE PAVEMENT

RT. STA. 47+02.47 TO STA. 49+13.91 REMOVE 186 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 51+02.26 TO STA. 52+17.98 REMOVE 145 SQ. YD. OF EXISTING PAVEMENT

C.P. #33, CONC. MON. AND DISK 586.63' RT. STA. 366+77.32, ELEV. 932.55

C.P. #34, CONC. MON. AND DISK 25.05' RT. STA. 367+05.84, ELEV. 929.98

SEE PLAN SHEET R057A FOR RIGHT OF WAY INFORMATION

PAVEMENT TRANSITION

RT. STA. 45+50, BEGIN PAVEMENT TRANSITION FROM 5.83' TO 6'

RT. STA. 45+52.55, END PAVEMENT TRANSITION FROM 5.83' TO 6'

RT. STA. 46+05, BEGIN PAVEMENT TRANSITION FROM 6' TO 9'

RT. STA. 46+50, END PAVEMENT TRANSITION FROM 6' TO 9'

DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING	
		TYPE	QUANTITY
46+50 TO 49+35	NORMAL 2' F.B. DT.	TRM I	323 S.Y.
51+11.35 TO 52+04.03	SPL. 2' F.B. DT.	ECB	146 S.Y.
52+57.03 TO 53+24.34	SPL. 2' F.B. DT.	ECB	108 S.Y.
53+30.00 OUTLET*	10' F.B. OUTLET DT.	CL. II	408 TONS
53+51.58 TO 54+05.30	SPL. 2' F.B. DT.	TRM I	51 S.Y.
54+70.83 TO 55+25	SPL. 2' F.B. DT.	TRM I	52 S.Y.

* DEPTH TO PROTECT = 3.5'

PAVEMENT TRANSITION

RT. STA. 54+73.75, BEGIN PAVEMENT TRANSITION FROM 9' TO 6.95'

RT. STA. 55+25, END PAVEMENT TRANSITION FROM 9' TO 6.95'

0' 50' 100' 200'

SCALE: 1"=50'

PLAN SHEET
MASON ROAD & PEYTONTOWN ROAD EAST
STA. 45+50 TO STA. 55+25

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R0570OPL.DGN

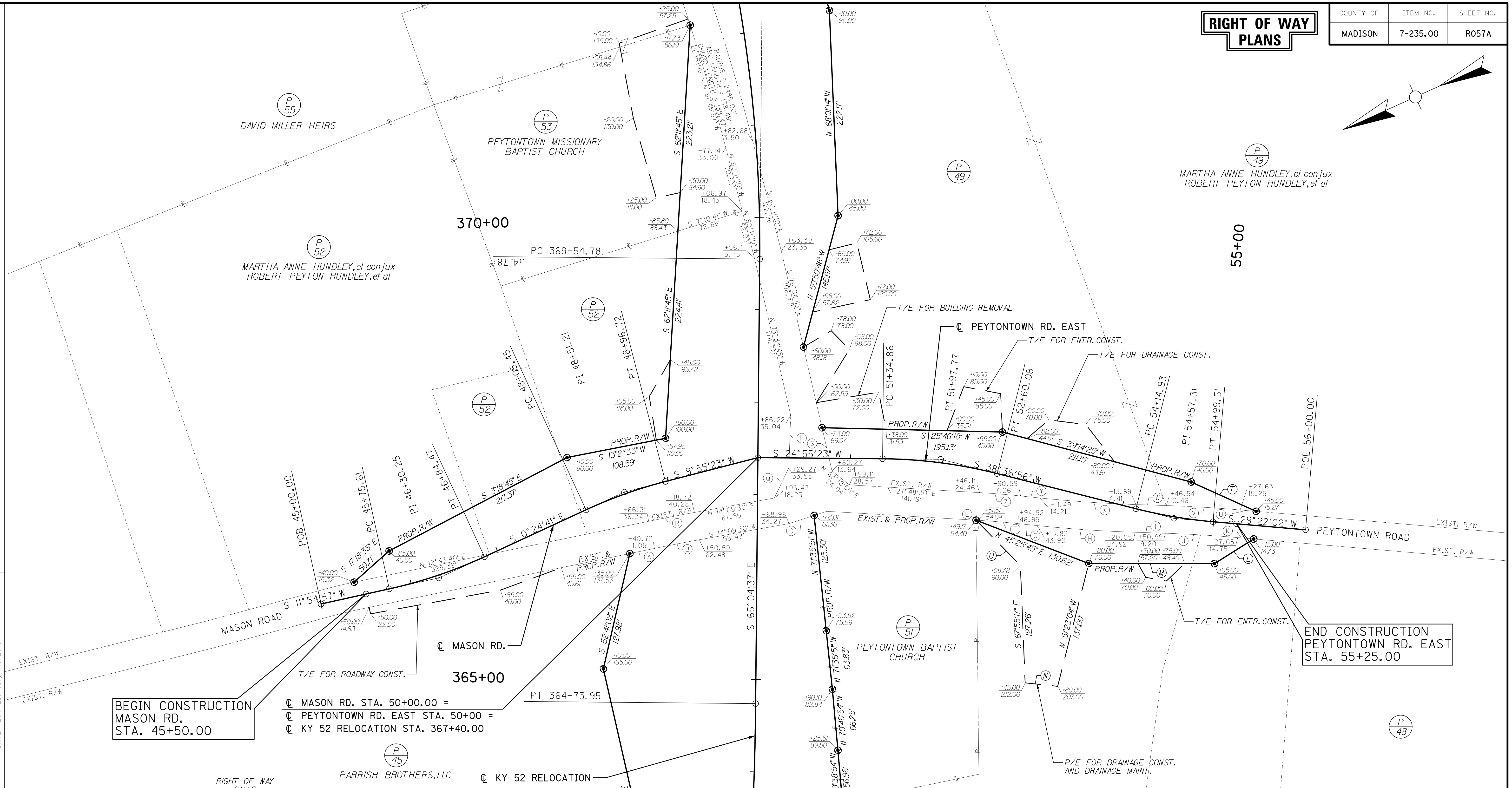
USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R057A



RIGHT OF WAY CALLS

A	S 12° 43′40" W 27.10′
B	RADIUS = 1985.00′ ARC LENGTH = 49.56′ CHORD LENGTH = 49.56′ BEARING = S 13° 26′35" W
C	S 6° 29′19" W 28.55′
D	N 68°18′55" W 16.05′
E	S 27° 44′47" W 2.13′
F	RADIUS = 985.00′ ARC LENGTH = 43.12′ CHORD LENGTH = 43.12′ BEARING = S 29° 03′45" W
G	S 30° 19′00" W 21.12′
H	RADIUS = 1515.00′ ARC LENGTH = 106.21′ CHORD LENGTH = 106.19′ BEARING = S 28° 18′30" W
I	S 26° 18′00" W 32.75′
J	RADIUS = 1485.00′ ARC LENGTH = 78.40′ CHORD LENGTH = 78.39′ BEARING = S 27° 48′45" W
K	S 29° 19′29" W 17.35′
L	N 7°44′50" W 50.16′
M	N 24°26′39" E 135.93′
N	N 30°29′08" E 35.36′
O	N 69°52′32" E 68.40′
P	N 63° 33′21" W 56.97′
Q	N 40° 04′03" W 36.19′
R	RADIUS = 2015.00′ ARC LENGTH = 50.31′ CHORD LENGTH = 50.31′ BEARING = N 13° 26′35" E
S	S 78° 34′45" E 47.96′
T	S 48°41′14" W 77.07′
U	N 29° 19′29" E 17.37′
V	RADIUS = 1515.00′ ARC LENGTH = 79.98′ CHORD LENGTH = 79.97′ BEARING = N 27° 48′45" E
W	N 26° 18′00" E 32.75′
X	RADIUS = 1485.00′ ARC LENGTH = 104.11′ CHORD LENGTH = 104.09′ BEARING = N 28° 18′30" E
Y	N 30° 19′00" E 21.12′
Z	RADIUS = 1015.00′ ARC LENGTH = 44.44′ CHORD LENGTH = 44.43′ BEARING = N 29° 03′45" E

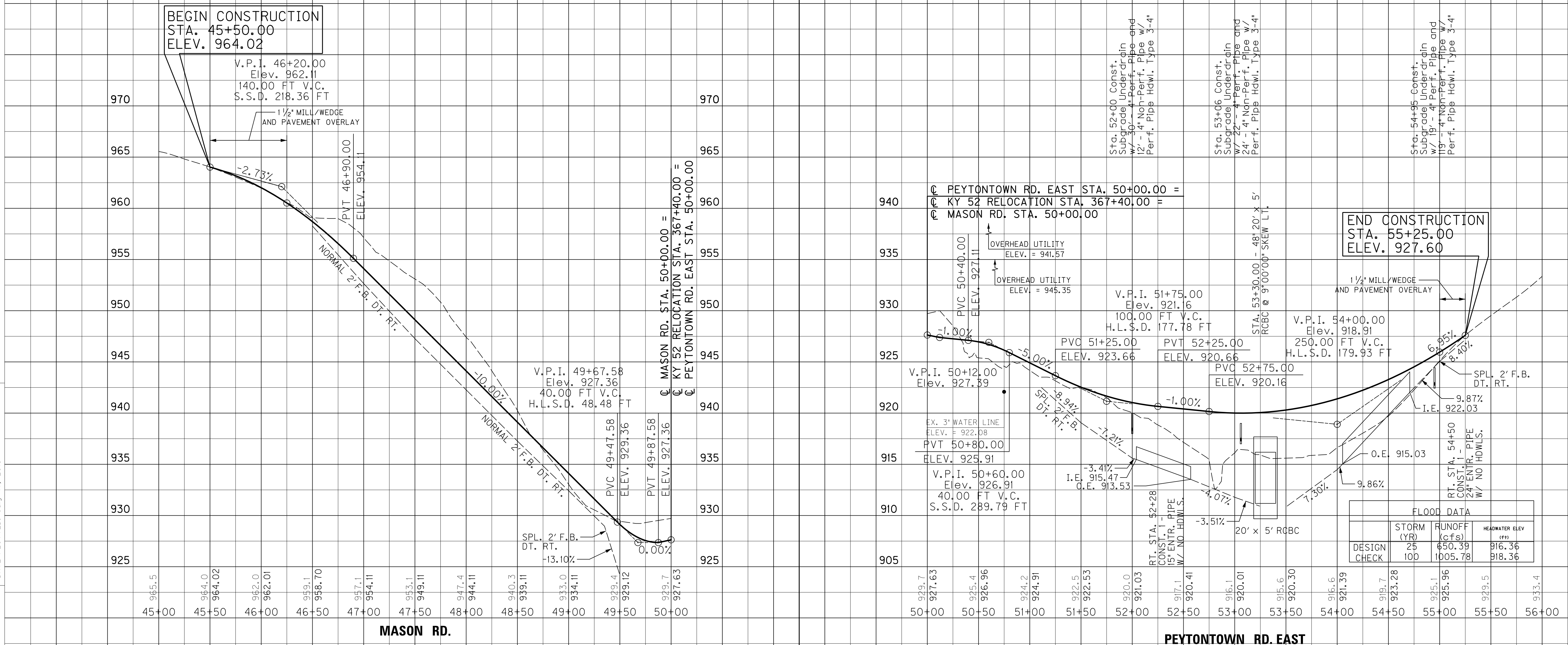
0′ 50′ 100′ 200′
SCALE: 1"=50′

PLAN SHEET
MASON ROAD & PEYTONTOWN ROAD EAST
STA. 45+50 TO STA. 55+25

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R057APL.DGN
USER: efister
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R058

RIGHT OF WAY PLANS



FLOOD DATA			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	650.39	916.36
CHECK	100	1005.78	918.36

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

PROFILE SHEET
MASON ROAD & PEYTONTOWN ROAD EAST
STA. 45+50 TO STA. 55+25

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R058OPR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R059

RIGHT OF WAY PLANS

ENTRANCE CONSTRUCTION CHART

LT	RT	STATION	ENTRANCE TYPE	ENTR. WIDTH (FT)	AREA (SY)	ASPHALT SURFACE (TONS)	ASPHALT BASE (TONS)	CSB (TONS)	ENTR. PIPE SIZE (IN)	ENTR. PIPE LENGTH (FT)
X	-	46+36	RESIDENTIAL	12'	176	14	30	65	15"	45'
-	X	48+10	RESIDENTIAL	12'	143	12	24	53	15"	42'
X	-	54+00	RESIDENTIAL	12'	101	8	17	38	15"	47'
-	X	54+00	RESIDENTIAL	12'	74	6	13	28	15"	47'

ASPHALT MILLING AND TEXTURING
STA. 44+00 TO STA. 45+50, CONST. 293 S.Y.

R/W MONUMENT - TYPE 1
LT. STA. 44+00 TO STA. 55+50, CONST. 4

DITCH CONSTRUCTION - LEFT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
44+00 TO 45+50	NORMAL 2' F.B. DT.	TRM I	153 S.Y.
45+50 TO 46+16.21	SPL. 2' F.B. DT.	TRM I	67 S.Y.
ENTR. 46+36 LT. - DITCH RT.	SPL. 2' F.B. DT.	TRM I	92 S.Y.
ENTR. 46+36 LT. - DITCH LT.	SPL. 2' F.B. DT.	ECB	119 S.Y.
46+62.67 TO 47+50	SPL. 2' F.B. DT.	TRM I	88 S.Y.
47+50 TO 48+50	NORMAL 2' F.B. DT.	TRM I	101 S.Y.
48+50 TO 48+86.87	SPL. 2' F.B. DT.	TRM I	43 S.Y.
48+87.50 INLET	2' F.B. INLET DT.	CL. III	32 TONS
51+09.00 INLET*	8' F.B. INLET DT.	CL. II	74 TONS
51+16.19 TO 53+50	2' F.B. SURF. DT.	TRM I	246 S.Y.
53+50 TO 53+70.83	SPL. 2' F.B. DT.	TRM I	24 S.Y.
54+18.83 TO 55+50	SPL. 2' F.B. DT.	TRM I	155 S.Y.

* DEPTH TO PROTECT = 3.5'

EDGE KEY
STA. 44+00.00 - 20 L.F.
STA. 55+50.00 - 19 L.F.

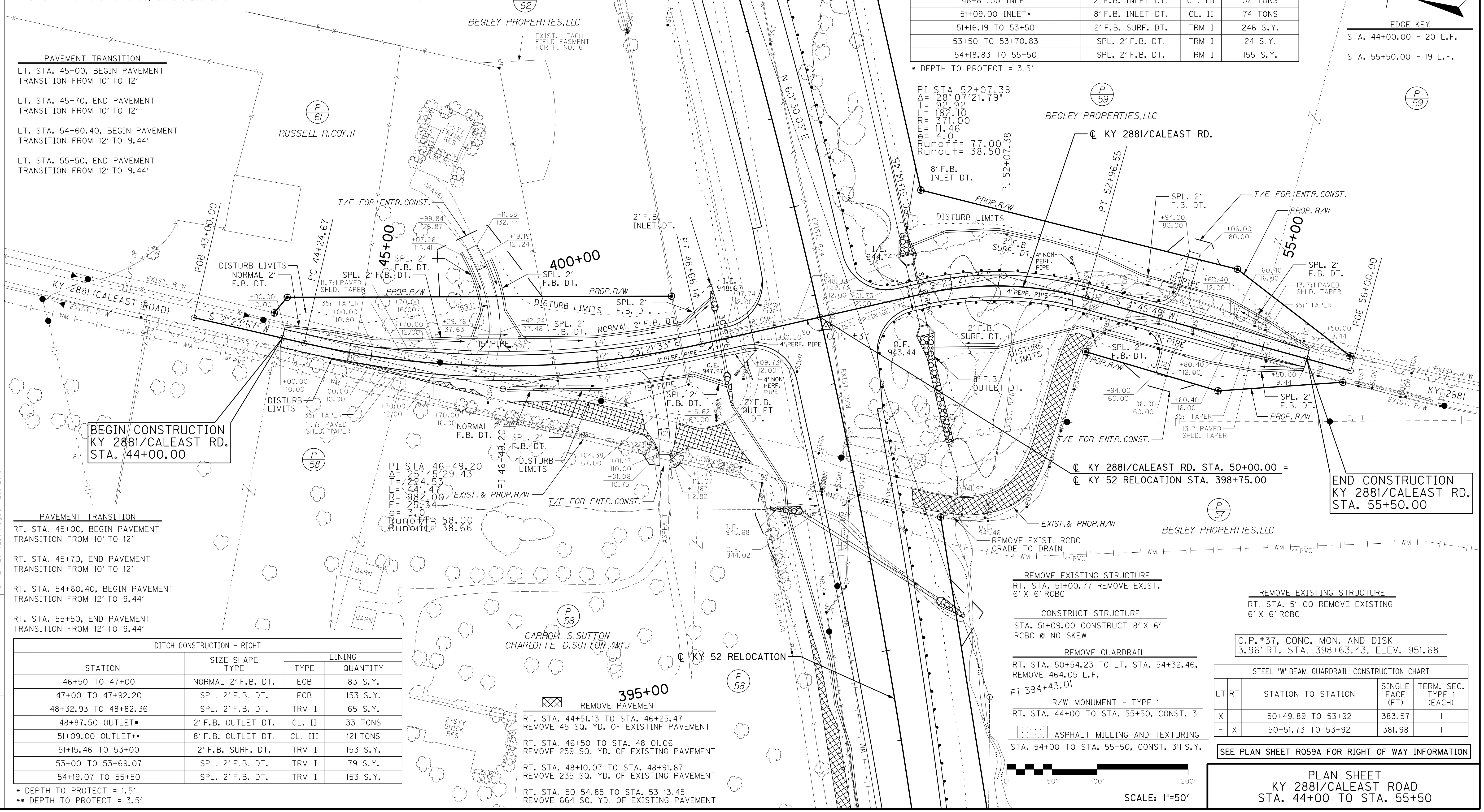
PAVEMENT TRANSITION

LT. STA. 45+00, BEGIN PAVEMENT TRANSITION FROM 10' TO 12'

LT. STA. 45+70, END PAVEMENT TRANSITION FROM 10' TO 12'

LT. STA. 54+60.40, BEGIN PAVEMENT TRANSITION FROM 12' TO 9.44'

LT. STA. 55+50, END PAVEMENT TRANSITION FROM 12' TO 9.44'



PAVEMENT TRANSITION

RT. STA. 45+00, BEGIN PAVEMENT TRANSITION FROM 10' TO 12'

RT. STA. 45+70, END PAVEMENT TRANSITION FROM 10' TO 12'

RT. STA. 54+60.40, BEGIN PAVEMENT TRANSITION FROM 12' TO 9.44'

RT. STA. 55+50, END PAVEMENT TRANSITION FROM 12' TO 9.44'

DITCH CONSTRUCTION - RIGHT

STATION	SIZE-SHAPE TYPE	LINING TYPE	LINING QUANTITY
46+50 TO 47+00	NORMAL 2' F.B. DT.	ECB	83 S.Y.
47+00 TO 47+92.20	SPL. 2' F.B. DT.	ECB	153 S.Y.
48+32.93 TO 48+82.36	SPL. 2' F.B. DT.	TRM I	65 S.Y.
48+87.50 OUTLET*	2' F.B. OUTLET DT.	CL. II	33 TONS
51+09.00 OUTLET**	8' F.B. OUTLET DT.	CL. III	121 TONS
51+15.46 TO 53+00	2' F.B. SURF. DT.	TRM I	153 S.Y.
53+00 TO 53+69.07	SPL. 2' F.B. DT.	TRM I	79 S.Y.
54+19.07 TO 55+50	SPL. 2' F.B. DT.	TRM I	153 S.Y.

* DEPTH TO PROTECT = 1.5'
** DEPTH TO PROTECT = 3.5'

REMOVE PAVEMENT

RT. STA. 44+51.13 TO STA. 46+25.47 REMOVE 45 SQ. YD. OF EXISTINF PAVEMENT

RT. STA. 46+50 TO STA. 48+01.06 REMOVE 259 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 48+10.07 TO STA. 48+91.87 REMOVE 235 SQ. YD. OF EXISTING PAVEMENT

RT. STA. 50+54.85 TO STA. 53+13.45 REMOVE 664 SQ. YD. OF EXISTING PAVEMENT

REMOVE EXISTING STRUCTURE
RT. STA. 51+00.77 REMOVE EXIST. 6' X 6' RCBC

CONSTRUCT STRUCTURE
STA. 51+09.00 CONSTRUCT 8' X 6' RCBC @ NO SKEW

REMOVE GUARDRAIL
RT. STA. 50+54.23 TO LT. STA. 54+32.46, REMOVE 464.05 L.F.

R/W MONUMENT - TYPE 1
RT. STA. 44+00 TO STA. 55+50, CONST. 3

ASPHALT MILLING AND TEXTURING
STA. 54+00 TO STA. 55+50, CONST. 311 S.Y.

REMOVE EXISTING STRUCTURE
RT. STA. 51+00 REMOVE EXISTING 6' X 6' RCBC

C.P. #37, CONC. MON. AND DISK
3.96' RT. STA. 398+63.43, ELEV. 951.68

STEEL 'W' BEAM GUARDRAIL CONSTRUCTION CHART

LT	RT	STATION TO STATION	SINGLE FACE (FT)	TERM. SEC. TYPE 1 (EACH)
X	-	50+49.89 TO 53+92	383.57	1
-	X	50+51.73 TO 53+92	381.98	1

SEE PLAN SHEET R059A FOR RIGHT OF WAY INFORMATION

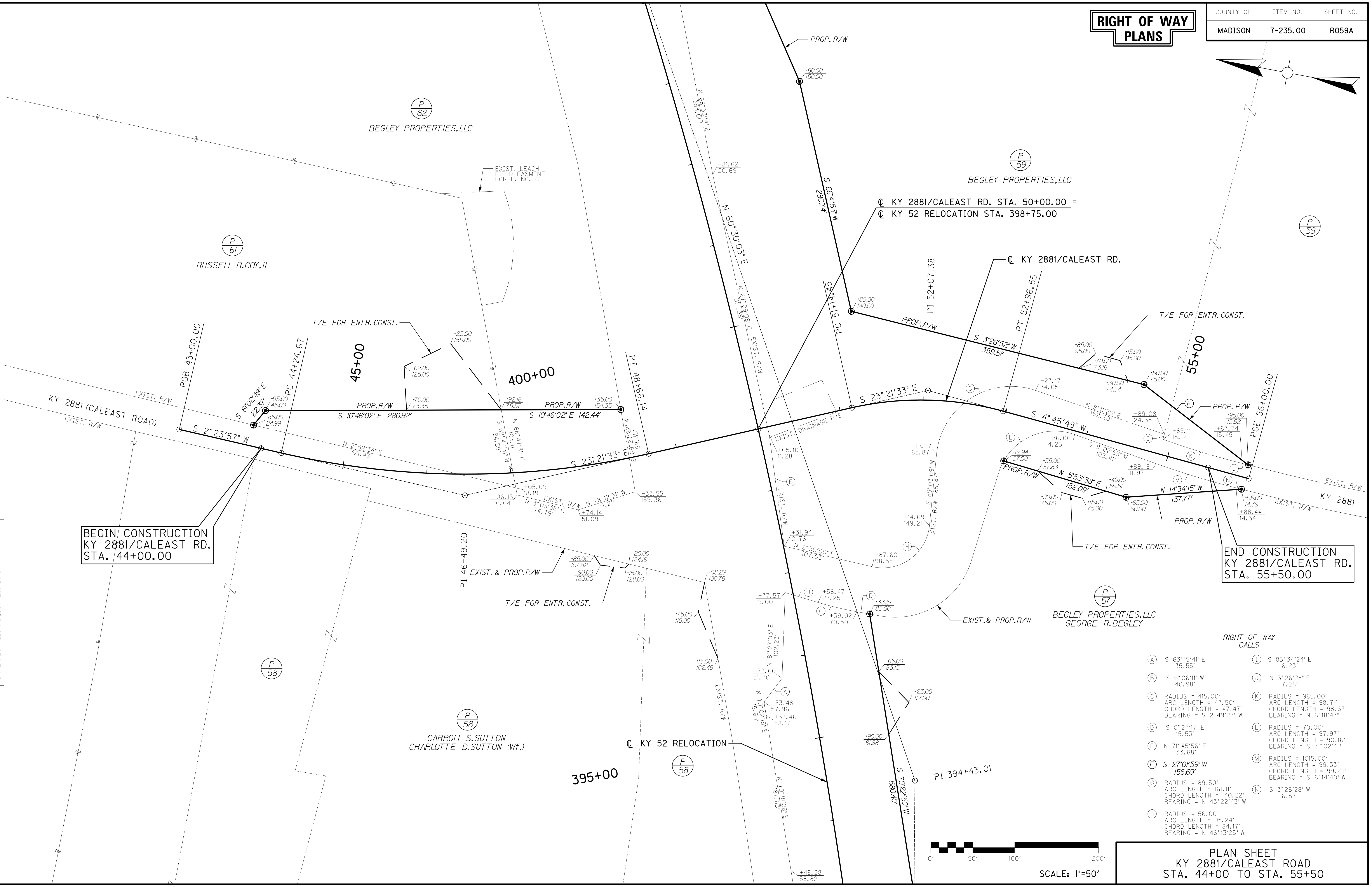
0' 50' 100' 200'
SCALE: 1"=50'

PLAN SHEET
KY 2881/CALEAST ROAD
STA. 44+00 TO STA. 55+50

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R0590PL.DGN
USER: efister
DATE PLOTTED: August 29, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R059A

RIGHT OF WAY PLANS



RIGHT OF WAY CALLS

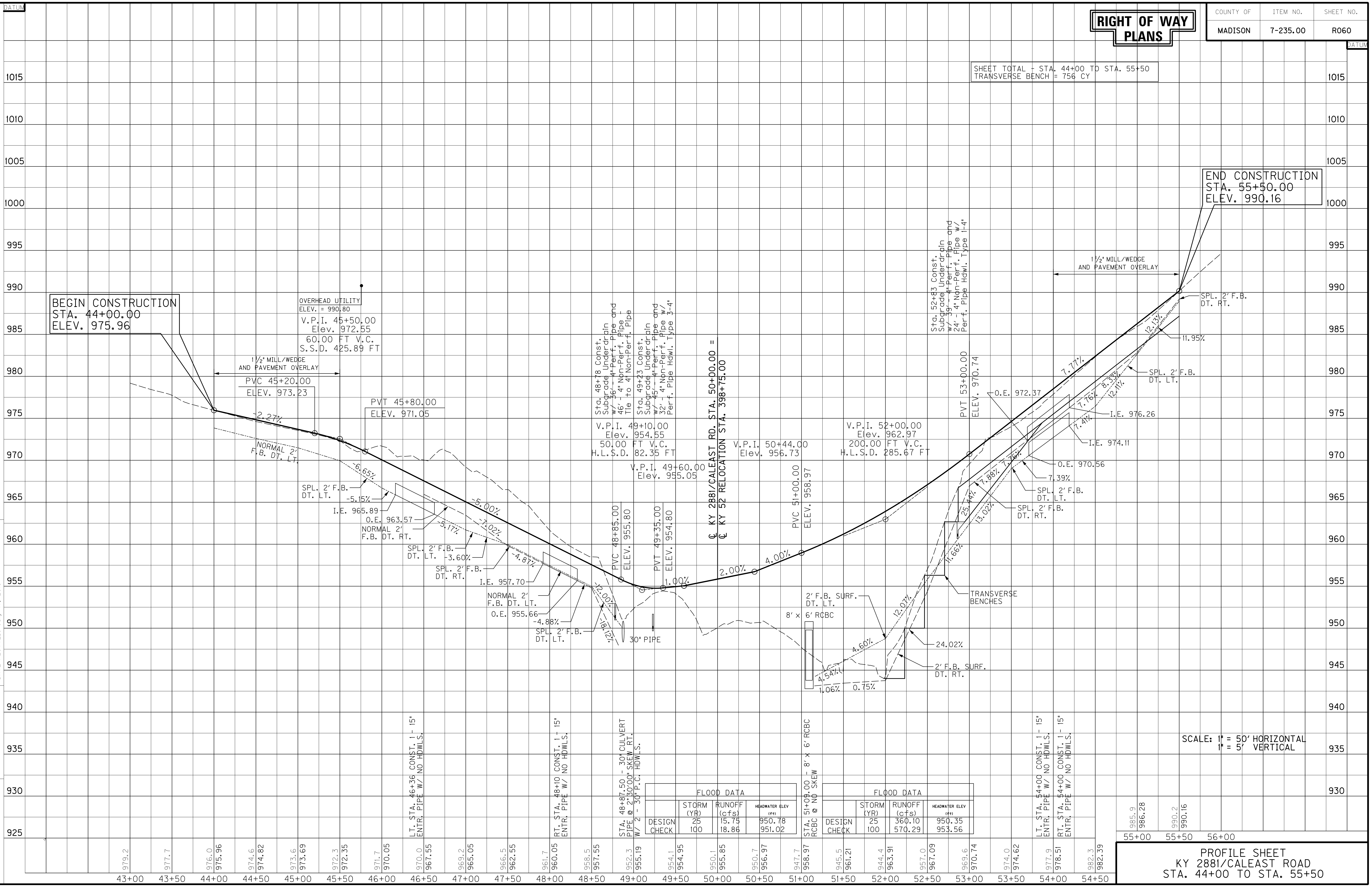
(A) S 63°15'41" E 35.55'	(I) S 85°34'24" E 6.23'
(B) S 6°06'11" W 40.98'	(J) N 3°26'28" E 7.26'
(C) RADIUS = 415.00' ARC LENGTH = 47.50' CHORD LENGTH = 47.47' BEARING = S 2°49'27" W	(K) RADIUS = 985.00' ARC LENGTH = 98.71' CHORD LENGTH = 98.67' BEARING = N 6°18'43" E
(D) S 0°27'17" E 15.53'	(L) RADIUS = 70.00' ARC LENGTH = 97.97' CHORD LENGTH = 90.16' BEARING = S 31°02'41" E
(E) N 71°45'56" E 133.68'	(M) RADIUS = 1015.00' ARC LENGTH = 99.33' CHORD LENGTH = 99.29' BEARING = S 6°14'40" W
(F) S 27°01'59" W 156.69'	(N) S 3°26'28" W 6.57'
(G) RADIUS = 89.50' ARC LENGTH = 161.11' CHORD LENGTH = 140.22' BEARING = N 43°22'43" W	
(H) RADIUS = 56.00' ARC LENGTH = 95.24' CHORD LENGTH = 84.17' BEARING = N 46°13'25" W	

PLAN SHEET
KY 2881/CALEAST ROAD
STA. 44+00 TO STA. 55+50

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PLANS\R059AOPL.DGN
USER: sellis
DATE PLOTTED: August 29, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R060

RIGHT OF WAY PLANS



FLOOD DATA (STA. 48+87.50)

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	15.75	950.78
CHECK	100	18.86	951.02

FLOOD DATA (STA. 51+09.00)

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	360.10	950.35
CHECK	100	570.29	953.56

PROFILE SHEET
KY 2881/CALEAST ROAD
STA. 44+00 TO STA. 55+50

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\PROFILES\R06000PR.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R061

RIGHT OF WAY PLANS

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*
						PERMANENT	TEMPORARY	LEFT		RIGHT														
		ACRES	SQ. FT.	ACRES	SQ. FT.	SQ. FT.	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S		
1	MARGARET MASON ENGELHARDT RICHARD ENGELHARDT (Husb.)	22.57			3,927		4,984	22.48						22.48		4		X					DB. 567 PG. 194	
2	GARY G. KELLY JIMMY D. KELLY, et ux	41.70					1,010			41.70				41.70		1		X					DB. 651 PG. 186 DB. 569 PG. 269	
4	BOGIE FARMS, LLC	270.37		5.77			4,896	264.60						264.60		1		X					DB. 698 PG. 250	
6	ROBERT E. BARNTHOUSE PHYLLIS BARNTHOUSE (Wf.)	4.81					2,272			4.81				4.81		1		X					DB. 298 PG. 279 DB. 298 PG. 278	AFFIDAVIT OF HEIRSHIP
7	MARION COLLINS HAGAN ELLEN P. HAGAN (Wf.)	250.22		11.07			23,746	239.15						239.15		1	X			1		1	DB. 652 PG. 410 DB. 652 PG. 407	DB. 513 PG. 788
8	JAMES WILLIAM ADAMS	102.12			8,222		637			101.93				101.93		1		X					DB. 664 PG. 422 DB. 392 PG. 246	
9	SUSAN H. MCCLELLAN	116.70			211		2,407			116.70				116.70		1		X					DB. 718 PG. 449	
10	BOGIE FARMS, LLC	209.85				6,958	2,510			209.69				209.69		1		X					DB. 727 PG. 305	
11	BERNICE STEWART GOSS, LIFE EST. TRACY EDNA GOSS, et al	25.23			10,972		2,030			24.98				24.98		4		X					DB. 123 PG. 588 WB. 23 PG. 653	DB. 93 PG. 490
12	BERNICE STEWART GOSS LEO GOSS, III	1.00			8,214		472				35,547				35,547	1		X					DB. 372 PG. 274	
13	BERNICE S. GOSS, et vir TRACY EDNA GOSS, et al	114.87		3.29			5,640			111.58				111.58		4		X					DB. 498 PG. 778 DB. 210 PG. 563	DB. 172 PG. 014, WB. 23 PG. 653, WB. 9 PG. 213
14	KINGS TABERNACLE CHURCH		16,831				504				16,831				16,831	1		X					DB. 662 PG. 286 DB. 146 PG. 462	
15	J. W. RAMSEY WANDA RAMSEY	164.67		6.94			7,859	1.69		156.04				157.73		4		X					DB. 627 PG. 294	PB. 24 PG. 238
20	CHAD A. SHORT JENNIFER BROOKE SHORT (Wf.)	3.17					2,095			3.17				3.17		4		X					DB. 716 PG. 430	PB. 24 PG. 329
21	SHORT BROTHERS PARTNERSHIP	93.43		5.10			3,958		8,558	88.13				88.33		4		X					DB. 437 PG. 135	
23	CLINTON WARREN NANCY M. WARREN (Wf.)	54.23					1,308	54.23						54.23		1		X				1	DB. 481 PG. 329	
24	TERRY M. BEDDOW, et conjux	114.76			10,244		2,592	114.52						114.52		1		X					DB. 546 PG. 267 DB. 546 PG. 208	DB. 546 PG. 205, WB. 25 PG. 539
25	SHORT BROTHERS PARTNERSHIP	7.32		1.01			724	6.31						6.31		4		X					DB. 437 PG. 135	
26	MARION MARSHALL ROBINSON, III JEAN EMBRY ROBINSON (Wf.)	42.45					5,228			42.45				42.45		1		X					DB. 417 PG. 044 DB. 389 PG. 284	DB. 376 PG. 235, DB. 314 PG. 477, WB. 32 PG. 639
27	TANYA BAKER WITT, et vir	113.16		11.00			7,110	102.16						102.16		1		X					DB. 448 PG. 263	
33	JEROLD YOUNG AMY YOUNG (Wf.)	76.05		12.57			29,651	50.39		13.09				63.48		4		X					DB. 605 PG. 475	
34	OWEN BARNES RHONDA BARNES (Wf.)	289.82		2.09			2,152			287.73				287.73		1		X					DB. 451 PG. 640	
35	ERIC KIMBLE KRISTIN KIMBLE (Wf.)	114.21		1.53			828			112.68				112.68		1		X					DB. 752 PG. 677	
36	DIANA GIBSON BARRY GIBSON (Husb.)	1.44					1,969	1.44						1.44		1		X					DB. 727 PG. 508 DB. 378 PG. 065	PC. 27 PG. 89
37	DIANNA GIBSON BARRY GIBSON, TRUSTEE	68.32		7.86			14,743	12.97		47.49				60.46		4		X					DB. 701 PG. 091 DB. 700 PG. 190	PC. 26 SLD. 507
38	CHARLES H. GIBSON, Jr. SHIRLEY CARSON GIBSON (Wf.)	162.02		11.76			27,475	80.16		70.10				150.26		1		X					DB. 664 PG. 021	PC. 26 SLD. 15
43	PARRISH BROTHERS, LLC	76.56		4.36			11,274	67.91		4.29				72.20		4		X					DB. 646 PG. 650	PC. 25 SLD. 391
44	MARGARET CAROL YEAGER DORIAN P. YEAGER (Husb.)	71.39		1.32			2,036	70.07						70.07		1		X					DB. 729 PG. 376	PC. 27 SLD. 84
45	PARRISH BROTHERS, LLC	260.75		12.47			29,587	177.05		71.23				248.28		4		X					DB. 646 PG. 650	PC. 25 SLD. 293
48	MARTHA ANNE HUNDLEY TRUSTEE ROBERT PEYTON HUNDLEY	26.25			7,383	8,953	2,454			25.87				25.87		1		X					DB. 734 PG. 454 DB. 726 PG. 247	PC. 16 SLD. 196

NOTE: PERMANENT R/W ACQUIRED + PERMANENT EASEMENT + AREA SEVERED = TOTAL AREA OF TRACT.
PARCELS 3, 5, 16, 17, 18, 19, 22, 28, 29, 30, 31, 32, 39, 40, 41, 42, 46, 47 ARE NOT USED OR SHOWN.
THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

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

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

*INCLUDES HAZARDOUS WASTE
(UST - UNDERGROUND STORAGE TANKS)

RIGHT OF WAY SUMMARY SHEET
KY 52 RELOCATION

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R0610ORW.DGN
USER: efister
DATE PLOTTED: July 23, 2018
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*
						PERMANENT	TEMPORARY	LEFT		RIGHT														
		ACRES	SQ. FT.	ACRES	SQ. FT.	SQ. FT.	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S		
49	MARTHA ANNE HUNDLEY TRUSTEE ROBERT PEYTON HUNDLEY	63.27		2.64			12,202			60.63				60.63		1	X			3		1	DB. 734 PG. 454 DB. 726 PG. 247	PC. 9 SLD. 181
50	BETTY DAVIS COLLINS, et conjux	113.70		4.63			2,418	109.07						109.07		4		X					DB. 729 PG. 273	PC. 27 SLD. 84, PC. 15 SLD. 29
51	PEYTONTOWN BAPTIST CHURCH	1.09								1.09				1.09		1		X					DB. 130 PG. 446	
52	MARTHA ANNE HUNDLEY TRUSTEE ROBERT PEYTON HUNDLEY	9.55		1.27			1,105	8.28						8.28		4		X					DB. 734 PG. 454 DB. 726 PG. 247	
53	PEYTONTOWN MISSIONARY BAPTIST CHURCH	2.09			7,837		15,032	1.91						1.91		1	X			1			DB. 539 PG. 730 DB. 116 PG. 256	DB. 044 PG. 031
55	DAVID MILLER HEIRS	9.77					2,379	9.77						9.77		1		X					DB. 284 PG. 345 DB. 213 PG. 534	
56	BLYTHEWOOD FARM, LLLP	274.20					7,609	274.20						274.20		4		X					DB. 670 PG. 469	
57	BEGLEY PROPERTIES, LLC	195.40		6.27			4,689			189.13				189.13		4		X		1			DB. 742 PG. 090 DB. 680 PG. 304	
58	CARROLL S. SUTTON CHARLOTTE D. SUTTON (Wf.)	11.33					893	11.33						11.33		1		X					DB. 655 PG. 309	PC. 25 PG. 276, PC. 9 PG. 222
59	BEGLEY PROPERTIES, LLC	176.29		3.36			1,492			172.93				172.93		1		X					DB. 674 PG. 415 DB. 668 PG. 781	PC. 25 SLD. 277
61	RUSSELL R. COY, II	6.49			16,295		5,937	6.12						6.12		1		X					DB. 709 PG. 447	PC. 26 SLD. 141
62	BEGLEY PROPERTIES, LLC	19.37			15,519			19.01						19.01		4		X					DB. 674 PG. 176	

NOTE: PERMANENT R/W ACQUIRED + PERMANENT EASEMENT + AREA SEVERED = TOTAL AREA OF TRACT.
PARCELS 54 AND 60 ARE NOT USED OR SHOWN.
THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

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

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

*INCLUDES HAZARDOUS WASTE
(UST - UNDERGROUND STORAGE TANKS)

RIGHT OF WAY SUMMARY SHEET
KY 52 RELOCATION

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R062ORW.DGN

USER: sellis
DATE PLOTTED: July 23, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R063

RIGHT OF WAY PLANS

RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 100+40 TO STA. 130+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R06300RW.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R064

RIGHT OF WAY PLANS

RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 130+00 TO STA. 155+00

MicroStation v8.11.7.443 | E-SHEET NAME: | USER: sellis DATE PLOTTED: July 17, 2018 | FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R06400RW.DGN

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R065

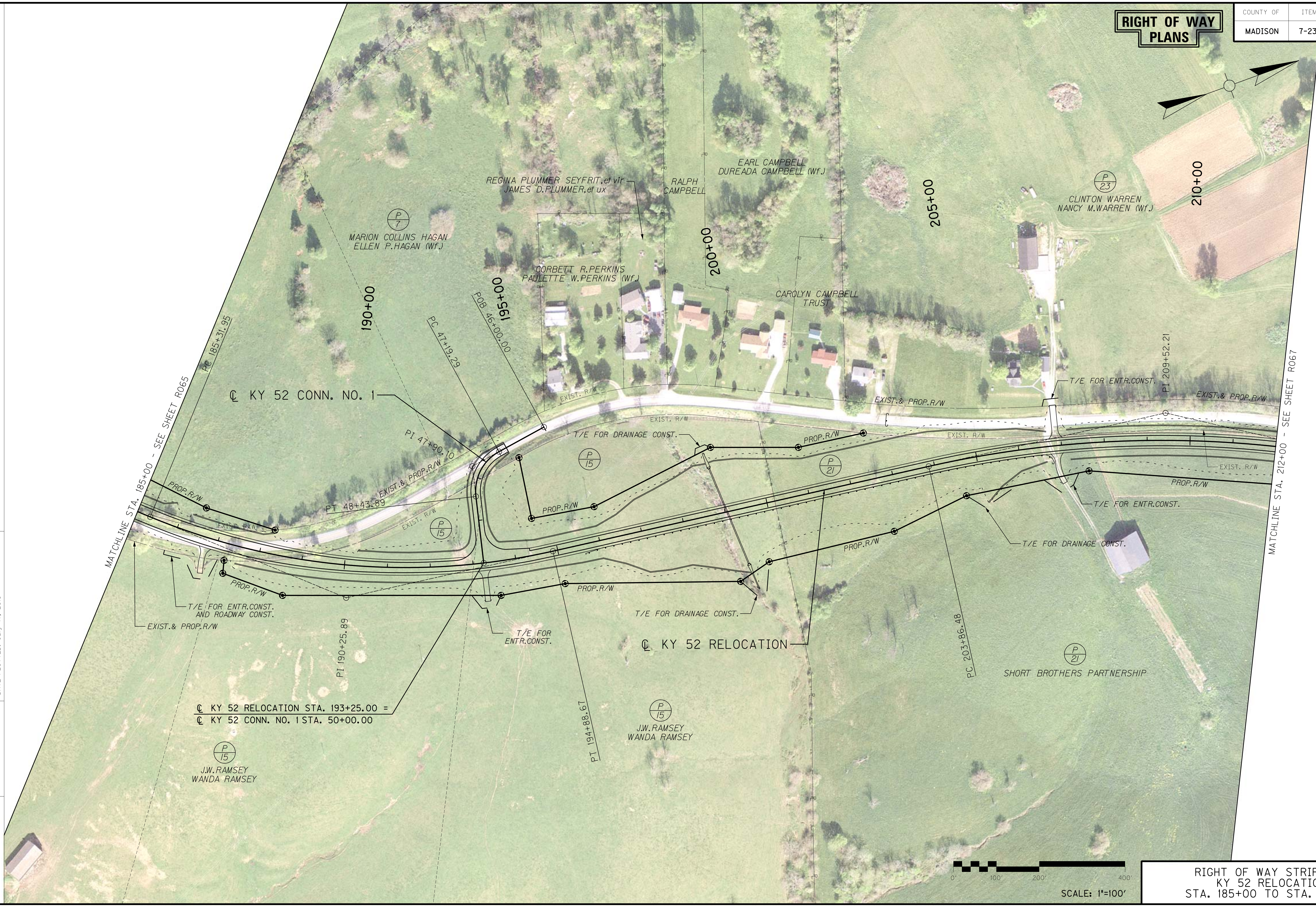
RIGHT OF WAY PLANS

RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 155+00 TO STA. 185+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R06500RW.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R066

RIGHT OF WAY PLANS



RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 185+00 TO STA. 212+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R0660RW.DGN

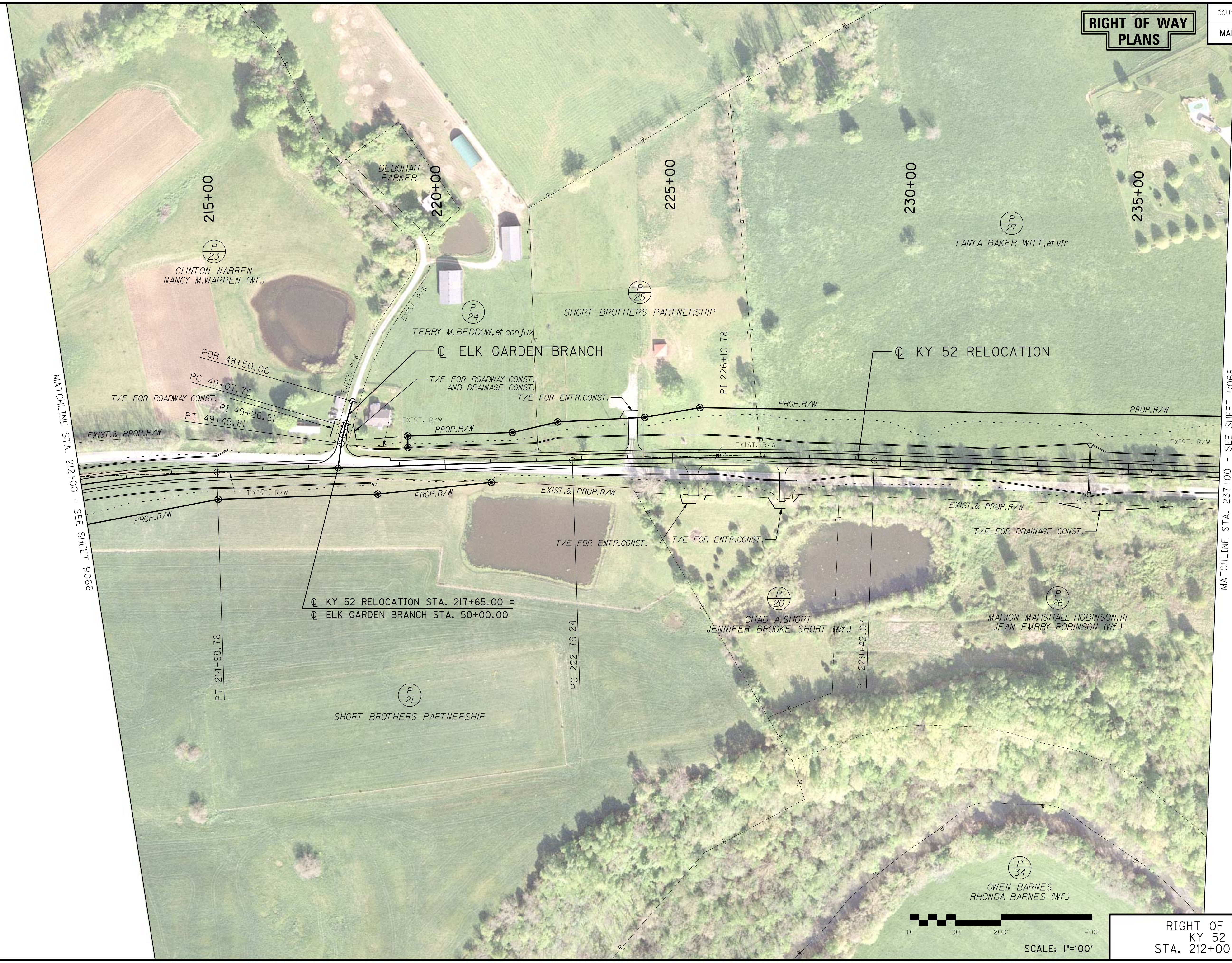
USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R067

RIGHT OF WAY PLANS



RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 212+00 TO STA. 237+00

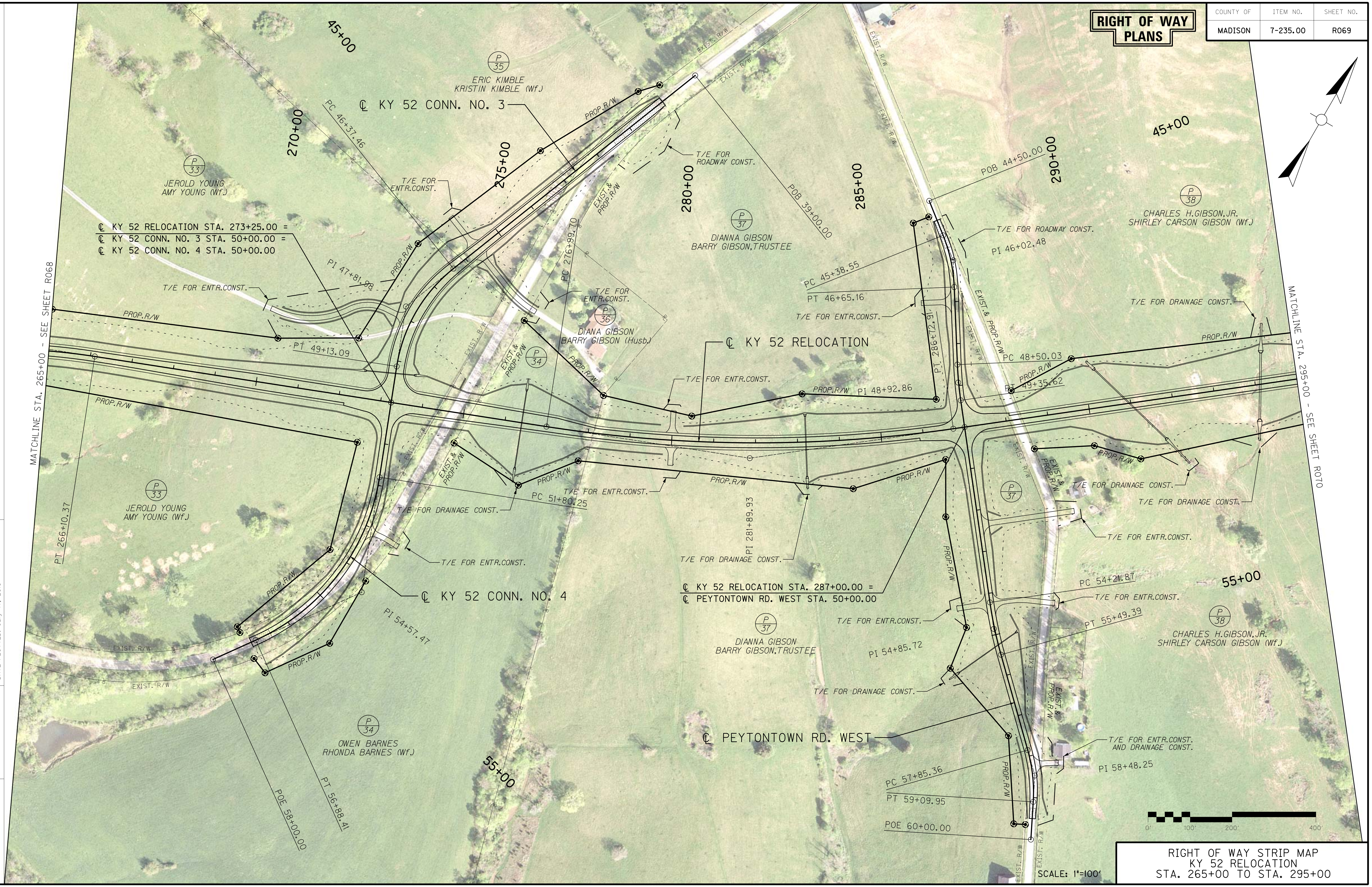
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R06700RW.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R068

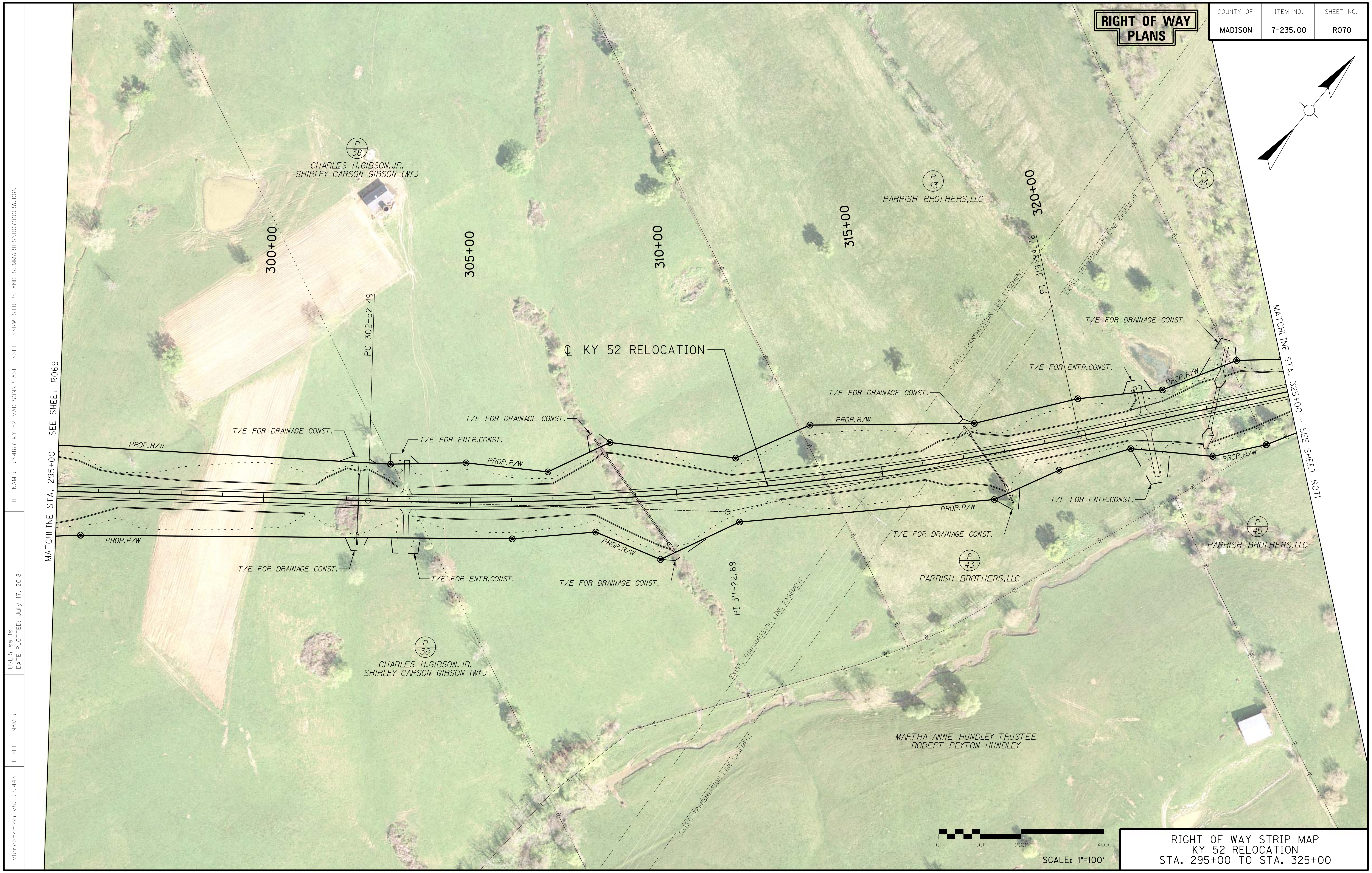
RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 237+00 TO STA. 265+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R068ORW.DGN
USER: seills
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443



RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 265+00 TO STA. 295+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R06900RW.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443



RIGHT OF WAY PLANS
COUNTY OF
MADISON
ITEM NO.
7-235.00
SHEET NO.
R070
P 38
CHARLES H.GIBSON,JR.
SHIRLEY CARSON GIBSON (Wf.)
P 43
PARRISH BROTHERS,LLC
P 44
P 45
PARRISH BROTHERS,LLC
MARTHA ANNE HUNDLEY TRUSTEE
ROBERT PEYTON HUNDLEY
300+00
305+00
310+00
315+00
320+00
PC 302+52.49
PI 311+22.89
PT 319+84.76
℄ KY 52 RELOCATION
PROP.R/W
T/E FOR DRAINAGE CONST.
T/E FOR ENTR.CONST.
EXIST. TRANSMISSION LINE EASEMENT
MATCHLINE STA. 295+00 - SEE SHEET R069
MATCHLINE STA. 325+00 - SEE SHEET R071
0'
100'
200'
400'
SCALE: 1"=100'
RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 295+00 TO STA. 325+00
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R07000RW.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R071

RIGHT OF WAY PLANS

SCALE: 1"=100'

RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 325+00 TO STA. 355+00

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R071OORW.DGN

USER: efister
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R072

RIGHT OF WAY PLANS

RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 355+00 TO STA. 385+00

SCALE: 1"=100'

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R07200RW.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R073

RIGHT OF WAY PLANS

RIGHT OF WAY STRIP MAP
KY 52 RELOCATION
STA. 385+00 TO STA. 414+25

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\RW STRIPS AND SUMMARIES\R07300RW.DGN

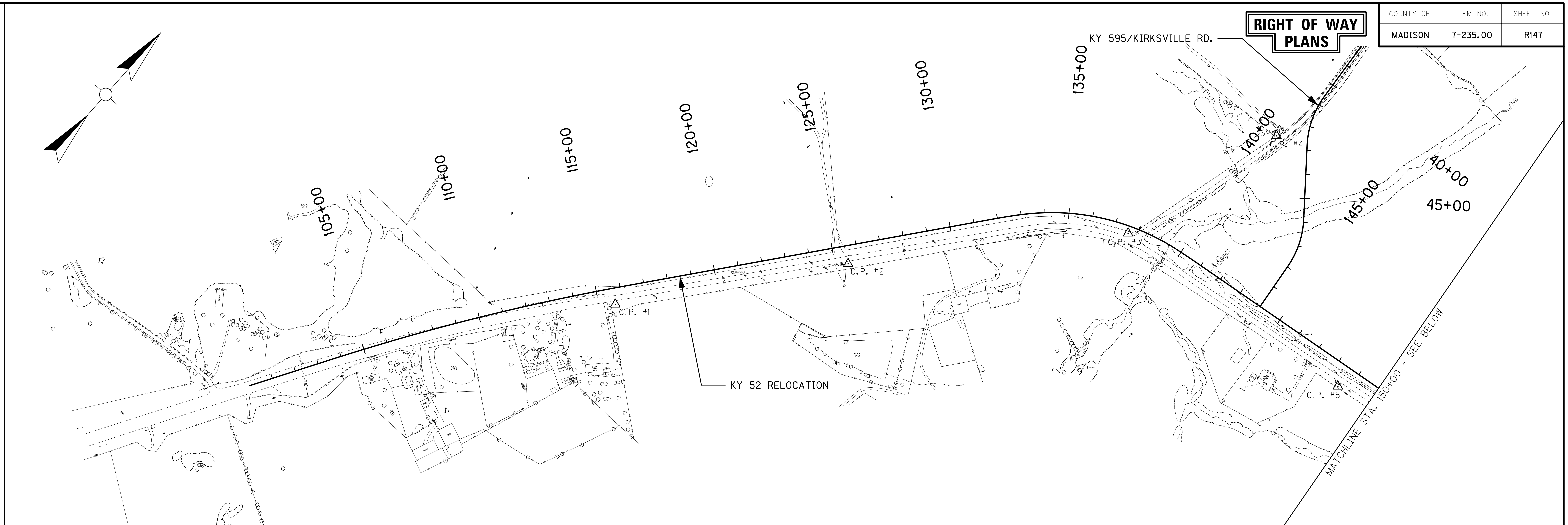
USER: sellis
DATE PLOTTED: August 29, 2018

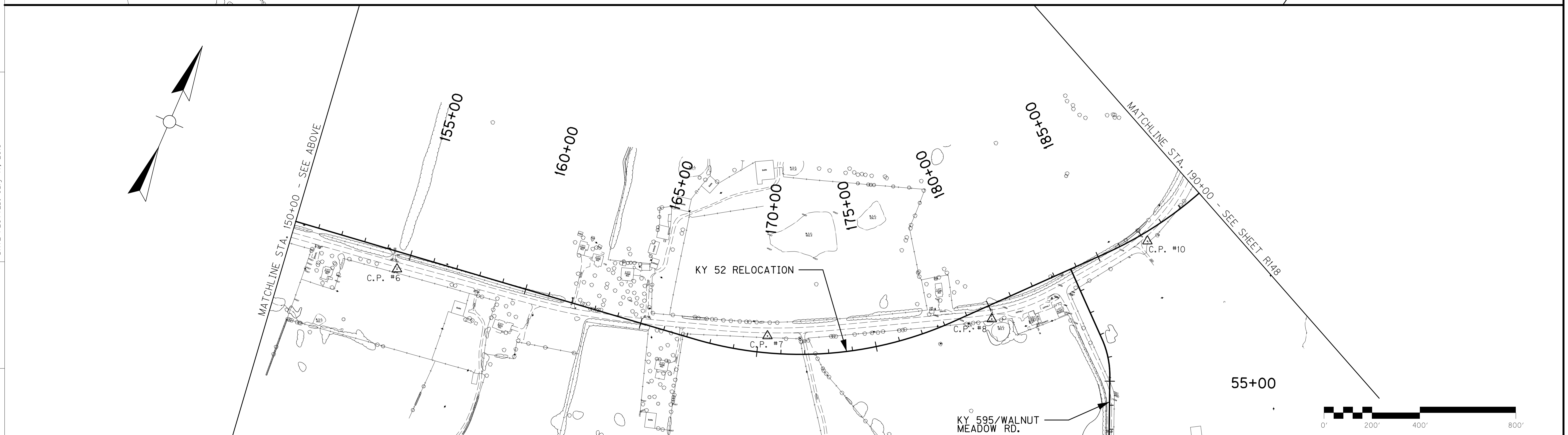
E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R147

RIGHT OF WAY PLANS





COORDINATE CONTROL SHEET
KY 52 RELOCATION
PROJECT CONTROL MONUMENTATION

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\COORDINATE CONTROL\R14700CC.DGN

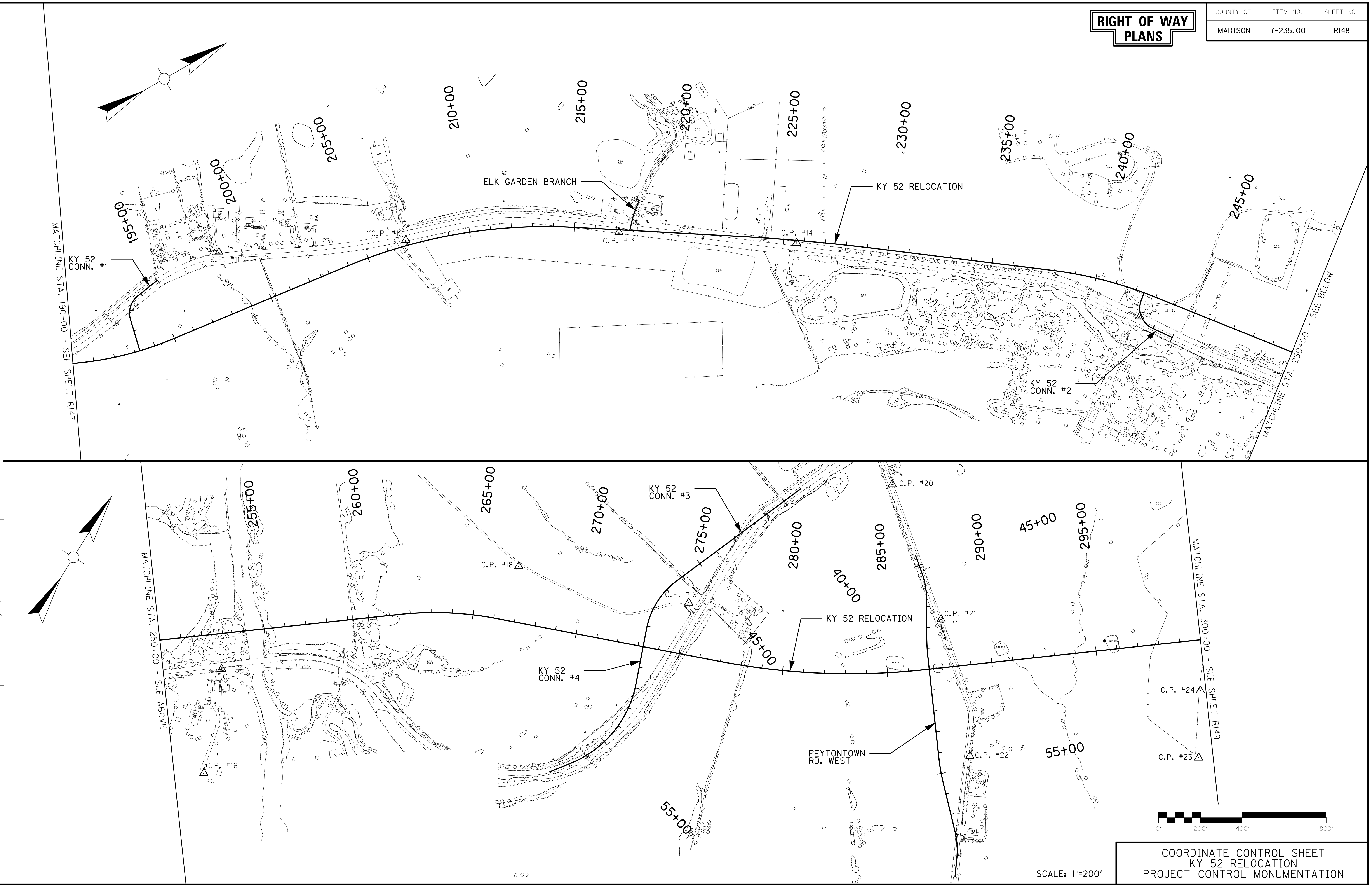
USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R148

RIGHT OF WAY PLANS



SCALE: 1"=200'

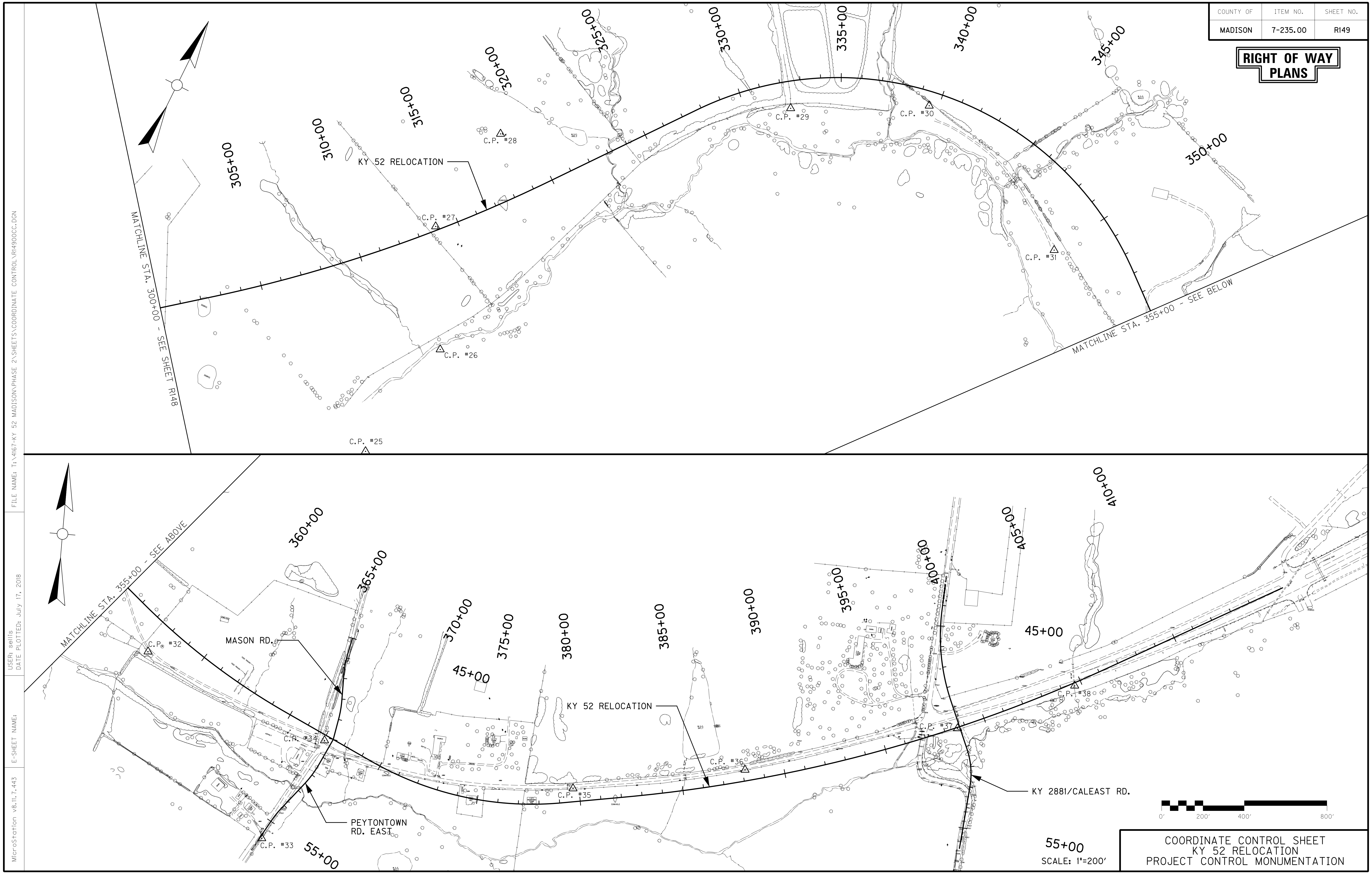
COORDINATE CONTROL SHEET
KY 52 RELOCATION
PROJECT CONTROL MONUMENTATION

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\COORDINATE CONTROL\R148OCC.DGN

USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443



COUNTY OF
ITEM NO.
SHEET NO.
MADISON
7-235.00
R149
RIGHT OF WAY PLANS
305+00
310+00
315+00
320+00
325+00
330+00
335+00
340+00
345+00
350+00
KY 52 RELOCATION
C.P. #25
C.P. #26
C.P. #27
C.P. #28
C.P. #29
C.P. #30
C.P. #31
MATCHLINE STA. 300+00 - SEE SHEET R148
MATCHLINE STA. 355+00 - SEE BELOW
MATCHLINE STA. 355+00 - SEE ABOVE
360+00
365+00
370+00
375+00
380+00
385+00
390+00
395+00
400+00
405+00
410+00
45+00
45+00
55+00
55+00
MASON RD.
KY 52 RELOCATION
PEYTONTOWN RD. EAST
KY 2881/CALEAST RD.
C.P. #32
C.P. #33
C.P. #34
C.P. #35
C.P. #36
C.P. #37
C.P. #38
0'
200'
400'
800'
SCALE: 1"=200'
COORDINATE CONTROL SHEET
KY 52 RELOCATION
PROJECT CONTROL MONUMENTATION
FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\COORDINATE CONTROL\R149OOCC.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

NOTES

1. The Contractor is responsible for verifying that control points have not been moved.

2. See Plan Sheets for locations of Control Points.

3. Some Control Points are located outside of the Plan Sheet limits.

COORDINATE SYSTEM

Coordinates for horizontal control were obtained from GPS methods and adjusted to the National NAD83(2011)2010.00 System.

Coordinates are based on State Plane Coordinate System KY Single Zone (1600) and in U.S. Survey Feet.

BASIS OF ELEVATIONS

Elevations were derived from GPS methods and are adjusted to the NAVD88 Vertical Datum. Geoid model used was Geoid12B.

COORDINATE CONTROL POINTS – SEE SHEET R147

POINT	DESCRIPTION	KY Single Zone Coordinates			STATION and OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)	
C.P. #1	CONC. MON. 2000-45-02	3757880.40	5313422.48	964.38	115+67.82, 67.58 Right
C.P. #2	CONC. MON. 2000-45-01	3758651.45	5314036.67	963.26	125+53.93, 75.67 Right
C.P. #3	CONC. MON. 2015-10-01	3759521.98	5314824.35	934.02	137+62.90, 28.37 Right
C.P. #4	I.P.C. 16-15-33	3760236.97	5315017.95	923.46	140+59.72, 624.67 Left
C.P. #5	CONC. MON. 2000-45-12	3759626.46	5315902.44	960.37	148+55.63, 89.78 Right
C.P. #6	I.P.C. 16-15-32	3759719.09	5316501.28	986.73	154+61.29, 71.10 Right
C.P. #7	CONC. MON. 2015-10-02	3760078.26	5318029.63	997.07	170+37.61, 70.30 Left
C.P. #8	CONC. MON. 2015-10-03	3760515.40	5318859.83	987.91	179+89.52, 55.82 Right
C.P. #9	I.P.C. 16-15-34	3760154.31	5319565.33	950.30	181+98.98, 820.17 Right
C.P. #10	CONC. MON. 2015-10-04	3761071.40	5319325.96	983.56	187+10.77, 35.23 Right

COORDINATE CONTROL POINTS – SEE SHEET R148

POINT	DESCRIPTION	KY Single Zone Coordinates			STATION and OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)	
C.P. #11	I.P.C. 16-15-35	3762207.91	5319333.23	961.06	198+54.00, 296.03 Left
C.P. #12	CONC. MON. 2015-10-05	3763008.08	5319727.61	970.01	206+95.33, 25.85 Left
C.P. #13	CONC. MON. 2015-10-07	3763907.61	5320202.05	917.04	217+13.82, 11.39 Right
C.P. #14	CONC. MON. 2015-10-06	3764616.01	5320669.54	913.22	225+62.95, 12.16 Right
C.P. #15	I.P.C. 16-15-36	3765857.81	5321789.89	868.32	242+61.63, 112.89 Right
C.P. #16	CONC. MON. 2015-10-09	3765975.55	5322813.54	824.45	251+40.88, 652.88 Right
C.P. #17	CONC. MON. 2015-10-08	3766440.99	5322622.47	823.97	252+78.17, 168.83 Right
C.P. #18	CONC. MON. 2015-10-10	3767607.55	5323563.40	952.34	266+70.92, 264.40 Left
C.P. #19	CONC. MON. 2015-10-11	3767890.11	5324342.03	955.77	274+99.04, 246.61 Left
C.P. #20	CONC. MON. 2015-10-12	3768882.43	5324865.17	967.35	285+99.39, 893.56 Left
C.P. #21	CONC. MON. 2015-10-13	3768460.88	5325403.95	944.97	287+81.87, 229.62 Left
C.P. #22	CONC. MON. 2015-10-14	3767981.43	5325865.65	945.86	288+47.87, 432.71 Right
C.P. #23	CONC. MON. 2015-10-16	3768553.46	5326794.04	935.61	299+31.14, 557.84 Right
C.P. #24	CONC. MON. 2015-10-15	3768828.74	5326631.29	944.39	299+73.63, 240.88 Right

COORDINATE CONTROL POINTS – SEE SHEET R149

POINT	DESCRIPTION	KY Single Zone Coordinates			STATION and OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)	
C.P. #25	CONC. MON. 2015-10-17	3768851.77	5327700.38	884.03	307+63.52, 904.91 Right
C.P. #26	CONC. MON. 2015-10-18	3769453.25	5327806.28	877.76	312+12.77, 546.70 Right
C.P. #27	CONC. MON. 2015-10-19	3769976.83	5327523.15	939.97	313+92.46, 18.66 Left
C.P. #28	CONC. MON. 2015-10-20	3770517.20	5327606.45	937.54	318+67.22, 308.33 Left
C.P. #29	I.P.C. 16-15-37	3771249.62	5328809.97	897.57	332+33.35, 130.48 Right
C.P. #30	CONC. MON. 2015-10-21	3771557.37	5329405.67	901.34	339+53.13, 68.96 Right
C.P. #31	CONC. MON. 2015-10-22	3771199.09	5330256.71	906.99	349+87.79, 285.47 Right
C.P. #32	I.P.C. 16-15-38	3770844.06	5330927.71	920.45	357+78.52, 153.59 Right
C.P. #33	CONC. MON. 2015-10-24	3769991.18	5331552.47	932.55	366+77.32, 586.63 Right
C.P. #34	CONC. MON. 2015-10-23	3770488.44	5331814.99	929.98	367+05.84, 25.05 Right
C.P. #35	CONC. MON. 2015-10-25	3770359.21	5333032.49	938.83	379+70.80, 64.08 Left
C.P. #36	CONC. MON. 2015-10-26	3770519.67	5333853.92	954.91	388+12.75, 53.62 Left
C.P. #37	CONC. MON. 2015-10-27	3770806.94	5334861.43	951.68	398+63.43, 3.96 Right
C.P. #38	CONC. MON. 2015-10-28	3771060.63	5335408.32	959.25	404+65.73, 12.32 Right

COORDINATE CONTROL SHEET
KY 52 RELOCATION
PROJECT CONTROL MONUMENTATION

CENTERLINE COORDINATE DATA

KY 52 RELOCATION

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 100+00.00	3756613.63	5312507.29
P.C. STA. 103+52.11	3756916.71	5312686.52
P.I. STA. 109+87.53	3757463.66	5313009.95
P.T. STA. 116+21.14	3757963.84	5313401.83
T.S. STA. 131+27.14	3759149.33	5314330.62
S.P.I. STA. 132+97.97	3759283.80	5314435.97
S.C. STA. 133+83.14	3759343.48	5314497.17
P.I. STA. 136+52.87	3759563.17	5314654.85
C.S. STA. 138+79.39	3759584.94	5314924.40
S.P.I. STA. 139+64.87	3759606.58	5315007.09
S.T. STA. 141+35.39	3759627.47	5315176.63
P.C. STA. 167+33.92	3759945.31	5317755.65
P.I. STA. 173+10.14	3760015.79	5318327.55
P.T. STA. 178+37.86	3760441.11	5318716.31
P.C. STA. 185+31.95	3760953.43	5319184.58
P.I. STA. 190+25.89	3761318.02	5319517.83
P.T. STA. 194+88.67	3761807.97	5319580.51
P.C. STA. 203+86.48	3762698.52	5319694.43
P.I. STA. 209+52.21	3763259.68	5319766.22
P.T. STA. 214+98.76	3763733.65	5320075.09
P.C. STA. 222+79.24	3764387.54	5320501.21
P.I. STA. 226+10.78	3764665.31	5320682.22
P.T. STA. 229+42.07	3764930.10	5320881.75
P.C. STA. 237+90.62	3765607.79	5321392.39
P.I. STA. 240+40.79	3765807.59	5321542.95
P.T. STA. 242+88.16	3765962.15	5321739.67
P.C. STA. 261+48.11	3767111.18	5323202.24
P.I. STA. 263+80.94	3767255.02	5323385.33
P.T. STA. 266+10.37	3767339.13	5323602.45
P.C. STA. 276+99.70	3767732.64	5324618.22
P.I. STA. 281+89.93	3767909.73	5325075.35
P.T. STA. 286+72.91	3768213.08	5325460.45
P.C. STA. 302+52.49	3769190.52	5326701.28
P.I. STA. 311+22.89	3769729.12	5327385.02
P.T. STA. 319+84.76	3770416.03	5327919.58

CENTERLINE COORDINATE DATA

KY 52 RELOCATION

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.C. STA. 327+78.79	3771042.67	5328407.23
P.I. STA. 343+98.42	3772320.87	5329401.93
P.T. STA. 352+87.74	3771278.94	5330641.93
P.C. STA. 356+11.25	3771070.83	5330889.61
P.I. STA. 360+45.12	3770791.72	5331221.78
P.T. STA. 364+73.95	3770608.88	5331615.25
P.C. STA. 369+54.78	3770406.26	5332051.30
P.I. STA. 374+47.11	3770198.79	5332497.79
P.T. STA. 379+08.59	3770285.20	5332982.48
P.C. STA. 382+21.45	3770340.11	5333290.49
P.I. STA. 394+43.01	3770554.51	5334493.09
P.T. STA. 406+41.22	3771156.03	5335556.30
P.O.E. STA. 415+00.00	3771578.90	5336303.75

CENTERLINE COORDINATE DATA

KY 595/KIRKSVILLE ROAD

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 38+00.00	3760750.25	5315034.27
P.C. STA. 40+59.08	3760492.27	5315058.05
P.I. STA. 41+71.39	3760380.43	5315068.36
P.T. STA. 42+77.20	3760293.08	5315138.97
P.C. STA. 45+88.15	3760051.27	5315334.46
P.I. STA. 46+94.28	3759968.74	5315401.19
P.T. STA. 47+94.89	3759863.41	5315414.17
P.O.E. STA. 50+00.00	3759659.84	5315439.26

CENTERLINE COORDINATE DATA

KY 595/WALNUT MEADOW ROAD

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 50+00.00	3760837.58	5319078.70
P.C. STA. 53+20.38	3760621.43	5319315.18
P.I. STA. 54+02.02	3760566.35	5319375.44
P.T. STA. 54+81.11	3760491.06	5319407.01
P.O.E. STA. 58+00.00	3760196.97	5319530.33

CENTERLINE COORDINATE DATA

KY 52 CONNECTOR NO. 1

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 46+00.00	3761887.12	5319301.66
P.C. STA. 47+19.29	3761769.21	5319319.72
P.I. STA. 47+90.10	3761699.21	5319330.44
P.T. STA. 48+43.89	3761682.92	5319399.35
P.O.E. STA. 50+00.00	3761647.00	5319551.27

CENTERLINE COORDINATE DATA

ELK GARDEN BRANCH

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 48+50.00	3764066.56	5320118.76
P.C. STA. 49+07.75	3764021.59	5320155.00
P.I. STA. 49+26.81	3764006.75	5320166.96
P.T. STA. 49+45.81	3763993.73	5320180.88
P.O.E. STA. 50+00.00	3763956.71	5320220.45

CENTERLINE COORDINATE DATA

KY 52 CONNECTOR NO. 2

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 50+00.00	3765931.92	5321702.18
P.C. STA. 50+39.74	3765901.29	5321727.50
P.I. STA. 51+36.63	3765826.63	5321789.25
P.T. STA. 51+96.24	3765882.19	5321868.63
P.O.E. STA. 53+00.00	3765941.68	5321953.63

CENTERLINE COORDINATE DATA

KY 52 CONNECTOR NO. 3

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 39+00.00	3768634.32	5324506.90
P.C. STA. 46+37.46	3767947.66	5324237.93
P.I. STA. 47+81.98	3767813.09	5324185.22
P.T. STA. 49+13.09	3767678.33	5324237.43
P.O.E. STA. 50+00.00	3767597.28	5324268.82

CENTERLINE COORDINATE DATA

KY 52 CONNECTOR NO. 4

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 50+00.00	3767597.28	5324268.82
P.C. STA. 51+80.25	3767429.20	5324333.94
P.I. STA. 54+57.47	3767170.71	5324434.08
P.T. STA. 56+88.41	3766945.55	5324272.35
P.O.E. STA. 58+00.00	3766854.92	5324207.25

CENTERLINE COORDINATE DATA

PEYTONTOWN ROAD WEST

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 44+50.00	3768654.48	5325139.31
P.C. STA. 45+38.55	3768599.85	5325209.00
P.I. STA. 46+02.48	3768560.41	5325259.31
P.T. STA. 46+65.16	3768506.41	5325293.53
P.C. STA. 48+50.03	3768350.24	5325392.46
P.I. STA. 48+92.86	3768314.06	5325415.38
P.T. STA. 49+35.62	3768280.42	5325441.89
P.C. STA. 54+21.87	3767898.44	5325742.78
P.I. STA. 54+85.72	3767848.29	5325782.29
P.T. STA. 55+49.39	3767803.67	5325827.96
P.C. STA. 57+85.36	3767638.77	5325996.76
P.I. STA. 58+48.25	3767594.82	5326041.74
P.T. STA. 59+09.95	3767538.51	5326069.73
P.O.E. STA. 60+00.00	3767457.87	5326109.81

CENTERLINE COORDINATE DATA

MASON ROAD

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 45+00.00	3770992.40	5331907.51
P.C. STA. 45+75.61	3770918.42	5331891.90
P.I. STA. 46+30.25	3770864.95	5331880.62
P.T. STA. 46+84.47	3770810.31	5331881.01
P.C. STA. 48+05.45	3770689.34	5331881.88
P.I. STA. 48+51.21	3770643.58	5331882.21
P.T. STA. 48+96.72	3770598.51	5331874.32
P.O.E. STA. 50+00.00	3770496.77	5331856.52

CENTERLINE COORDINATE DATA

PEYTONTOWN ROAD EAST

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 50+00.00	3770496.77	5331856.52
P.C. STA. 51+34.86	3770374.47	5331799.69
P.I. STA. 51+97.77	3770317.41	5331773.18
P.T. STA. 52+60.08	3770268.26	5331733.92
P.C. STA. 54+14.93	3770147.27	5331637.28
P.I. STA. 54+57.31	3770114.16	5331610.83
P.T. STA. 54+99.51	3770077.22	5331590.05
P.O.E. STA. 56+00.00	3769989.64	5331540.77

CENTERLINE COORDINATE DATA

KY 2881/CALEAST ROAD

	PROJECT COORDINATES	
	NORTH (Y)	EAST (X)
P.O.B. STA. 43+00.00	3771493.06	5334743.01
P.C. STA. 44+24.67	3771368.50	5334737.79
P.I. STA. 46+49.20	3771144.17	5334728.39
P.T. STA. 48+66.14	3770938.04	5334817.42
P.C. STA. 51+14.45	3770710.08	5334915.87
P.I. STA. 52+07.38	3770624.78	5334952.71
P.T. STA. 52+96.55	3770532.17	5334945.00
P.O.E. STA. 56+00.00	3770229.77	5334919.80

RIGHT OF WAY PLANS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R153

RIGHT OF WAY MONUMENT POINTS

KY 52 RELOCATION

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
109+00.00	53.05' LT	1		3757409.74	5312934.46
110+20.00	100.00' LT	1		3757536.17	5312963.57
134+00.00	93.00' LT	1		3759422.85	5314445.59
137+85.00	85.00' LT	1		3759636.32	5314804.92
138+45.00	130.00' LT	1		3759700.14	5314853.90
139+95.00	150.00' LT	1		3759756.46	5315013.25
143+35.00	75.00' LT	1		3759726.33	5315365.57
144+70.00	85.00' LT	1		3759752.76	5315498.33
149+00.00	95.00' LT	1		3759815.28	5315923.88
150+50.00	60.00' LT	1		3759798.89	5316077.04
154+00.00	85.00' LT	1		3759866.52	5316421.35
156+35.00	50.00' LT	1		3759860.52	5316658.87
158+75.00	135.00' LT	1		3759974.24	5316886.67
161+80.00	67.00' LT	1		3759944.06	5317197.70
162+45.00	62.80' RT	1		3759823.19	5317278.08
164+00.00	95.00' LT	1		3759998.76	5317412.62
164+45.00	90.00' RT	1		3759820.65	5317479.91
166+50.00	75.05' LT	1		3760009.53	5317663.18
166+55.00	55.00' RT	1		3759881.07	5317684.05
167+75.00	110.00' RT	1		3759842.09	5317812.68
171+80.00	40.00' RT	1		3760025.30	5318200.52
172+80.00	70.00' RT	1		3760042.32	5318306.93
175+85.00	65.00' RT	1		3760218.06	5318571.63
178+60.00	52.85' LT	1		3760493.11	5318692.23
178+75.00	75.00' RT	1		3760417.92	5318796.72
179+75.00	58.79' RT	1		3760502.67	5318852.23
180+00.00	85.00' LT	1		3760618.14	5318762.96
183+00.00	95.00' LT	1		3760846.32	5318957.98
184+55.00	73.26' RT	1		3760847.21	5319186.74
186+50.00	65.00' LT	1		3761083.60	5319209.70
187+25.00	40.18' RT	1		3761080.37	5319338.47
187+30.00	70.00' RT	1		3761067.39	5319365.81
188+25.00	56.24' LT	1		3761216.51	5319313.01
188+70.00	90.00' RT	1		3761180.60	5319461.88
193+55.00	80.00' RT	1		3761659.36	5319636.08
194+55.00	85.00' LT	1		3761787.22	5319491.81
195+00.00	80.00' RT	1		3761809.05	5319661.30
196+05.00	80.00' LT	1		3761933.51	5319515.92

RIGHT OF WAY MONUMENT POINTS

KY 52 RELOCATION

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
199+00.00	155.00' LT	1		3762235.64	5319478.95
199+00.00	165.00' RT	1		3762195.03	5319796.37
199+75.00	135.00' RT	1		3762273.23	5319776.13
201+00.00	110.00' LT	1		3762428.31	5319548.97
202+55.00	109.27' LT	1		3762581.97	5319569.36
202+75.00	130.00' RT	1		3762571.44	5319809.23
204+60.00	85.00' RT	1		3762758.00	5319788.80
207+60.00	65.00' RT	1		3763046.16	5319832.10
215+00.00	60.00' RT	1		3763701.93	5320126.04
218+50.00	60.00' RT	1		3763995.16	5320317.13
219+20.00	39.99' LT	1		3764108.40	5320271.57
219+20.00	65.00' LT	1		3764122.05	5320250.62
221+00.00	42.84' RT	1		3764213.98	5320439.24
221+50.00	65.00' LT	1		3764314.75	5320376.19
222+50.00	85.00' LT	1		3764409.45	5320414.03
224+40.00	90.00' LT	1		3764571.87	5320515.51
225+60.00	110.00' LT	1		3764683.21	5320567.49
238+00.00	125.00' LT	1		3765690.98	5321298.60
242+60.00	135.00' LT	1		3766049.51	5321632.71
247+00.00	85.00' LT	1		3766283.41	5322011.01
251+50.00	75.00' LT	1		3766553.55	5322371.05
254+95.00	170.00' LT	1		3766841.38	5322583.65
258+35.00	170.00' LT	1		3767051.43	5322851.01
258+50.00	155.53' RT	1		3766804.72	5323063.91
260+70.00	100.00' LT	1		3767141.56	5323079.05
263+40.00	60.00' RT	1		3767168.79	5323391.04
265+00.00	100.00' LT	1		3767386.12	5323458.40
270+35.00	110.00' LT	1		3767595.09	5323958.67
272+25.00	140.00' LT	1		3767691.70	5324125.00
272+60.00	106.00' RT	1		3767474.96	5324246.50
274+88.00	72.20' RT	1		3767588.84	5324446.90
276+08.54	241.79' LT	1		3767925.17	5324445.87
276+55.00	148.00' RT	1		3767578.48	5324630.00
277+85.00	70.00' RT	1		3767699.89	5324724.33

COORDINATE CONTROL SHEET
KY 52 RELOCATION
RIGHT OF WAY MONUMENT POINTS

COUNTY OF	ITEM NO.	SHEET NO.
MADISON	7-235.00	R154

RIGHT OF WAY PLANS

RIGHT OF WAY MONUMENT POINTS

KY 52 RELOCATION

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
278+26.16	91.90' LT	1		3767864.94	5324698.74
280+45.00	60.00' LT	1		3767927.48	5324905.58
283+15.00	115.00' LT	1		3768104.99	5325106.88
284+25.00	117.00' RT	1		3767970.07	5325325.31
286+42.00	75.00' LT	1		3768253.42	5325390.22
286+45.00	70.00' RT	1		3768140.55	5325481.29
288+22.30	70.00' LT	1		3768360.51	5325534.48
288+57.32	75.00' RT	1		3768268.28	5325651.72
289+75.00	125.00' LT	1		3768498.21	5325620.40
290+00.00	88.00' RT	1		3768346.35	5325771.85
291+05.00	135.00' RT	1		3768374.41	5325883.41
295+60.00	105.00' RT	1		3768679.53	5326222.27
303+05.00	90.00' LT	1		3769293.45	5326686.21
304+90.00	95.00' LT	1		3769413.20	5326824.15
306+00.00	90.00' RT	1		3769344.20	5327028.00
306+90.00	70.00' LT	1		3769523.83	5326989.88
308+00.00	80.00' RT	1		3769486.57	5327172.16
308+45.00	135.00' LT	1		3769674.79	5327058.99
309+50.00	155.00' RT	1		3769536.32	5327334.63
311+45.00	80.00' RT	1		3769728.88	5327423.09
311+50.00	75.00' LT	1		3769841.28	5327316.24
313+40.00	135.00' LT	1		3770017.89	5327402.57
317+40.00	80.00' LT	1		3770276.74	5327704.57
317+55.00	110.00' RT	1		3770166.69	5327860.18
319+20.00	70.00' RT	1		3770321.61	5327934.43
320+00.00	90.00' LT	1		3770483.33	5327857.91
321+00.00	55.00' RT	1		3770473.20	5328033.76
322+05.00	68.00' LT	1		3770631.60	5328001.17
322+90.00	115.00' RT	1		3770586.29	5328197.80
323+95.00	100.00' LT	1		3770801.20	5328092.61
324+22.18	114.53' RT	1		3770690.90	5328278.60
325+48.64	93.99' RT	1		3770803.31	5328340.06
326+05.00	61.00' LT	1		3770942.98	5328252.36
326+44.20	84.98' RT	1		3770884.27	5328391.64
327+32.06	86.44' RT	1		3770952.70	5328446.75
327+45.88	86.52' RT	1		3770963.56	5328455.30
328+65.00	90.00' LT	1		3771168.32	5328394.16
328+95.67	96.03' RT	1		3771067.65	5328553.56

RIGHT OF WAY MONUMENT POINTS

KY 52 RELOCATION

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
330+87.98	99.26' RT	1		3771191.14	5328684.78
331+25.00	75.00' LT	1		3771348.12	5328600.71
332+35.31	107.29' RT	1		3771269.58	5328798.02
332+48.00	103.00' LT	1		3771448.90	5328687.44
337+53.77	140.32' RT	1		3771447.21	5329239.89
337+85.00	110.00' LT	1		3771696.53	5329201.81
338+75.00	55.00' RT	1		3771557.53	5329329.36
340+50.00	80.00' LT	1		3771717.26	5329483.44
341+45.00	40.00' RT	1		3771603.73	5329587.13
343+85.00	56.00' RT	1		3771577.76	5329818.61
345+90.00	115.00' LT	1		3771706.88	5330055.27
348+95.00	90.00' RT	1		3771410.13	5330273.87
350+00.00	135.00' LT	1		3771560.27	5330472.28
352+45.00	75.00' RT	1		3771247.27	5330562.18
352+50.00	70.00' LT	1		3771357.54	5330656.47
354+66.00	135.00' LT	1		3771267.62	5330865.25
357+50.00	125.00' LT	1		3771082.87	5331073.98
357+65.00	80.00' RT	1		3770911.12	5330961.08
360+00.00	152.00' LT	1		3770966.15	5331284.68
361+60.00	60.00' RT	1		3770702.90	5331306.94
362+00.00	82.00' LT	1		3770805.80	5331412.59
363+55.00	98.09' RT	1		3770573.56	5331463.77
364+25.51	89.80' RT	1		3770548.76	5331532.43
364+90.10	82.84' RT	1		3770526.95	5331594.99
365+10.00	165.00' LT	1		3770743.33	5331717.47
365+53.52	75.59' RT	1		3770506.80	5331655.55
366+35.00	137.53' LT	1		3770665.74	5331819.26
366+78.01	61.36' RT	1		3770467.24	5331774.45
367+60.00	100.00' LT	1		3770579.03	5331916.80
367+73.00	69.07' RT	1		3770420.22	5331857.34
368+60.00	48.18' RT	1		3770402.51	5331945.05
370+00.00	85.00' RT	1		3770309.71	5332059.01
372+10.00	95.00' RT	1		3770226.56	5332265.04
372+17.73	56.19' LT	1		3770370.23	5332312.74

COORDINATE CONTROL SHEET
KY 52 RELOCATION
RIGHT OF WAY MONUMENT POINTS

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\COORDINATE CONTROL\R15400CC.DGN

USER: sellis
DATE PLOTTED: July 17, 2018

E-SHEET NAME:

MicroStation v8.11.7.443

RIGHT OF WAY MONUMENT POINTS

KY 52 RELOCATION

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
373+70.00	85.00' RT	1		3770199.37	5332432.29
375+45.00	65.00' RT	1		3770198.59	5332616.69
377+25.00	90.00' RT	1		3770173.83	5332805.56
385+40.00	88.00' RT	1		3770317.13	5333622.04
387+75.00	67.00' RT	1		3770393.40	5333847.97
390+60.00	90.00' RT	1		3770449.16	5334131.57
396+33.51	85.00' RT	1		3770644.04	5334678.27
399+35.00	154.35' LT	1		3770980.35	5334863.09
399+85.00	140.00' RT	1		3770731.89	5335028.62
402+60.00	150.00' RT	1		3770842.94	5335286.46
410+50.00	74.47' RT	1		3771292.50	5335948.76

RIGHT OF WAY MONUMENT POINTS

KY 595/KIRKSVILLE ROAD

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
39+35.00	14.55' LT	1		3760617.16	5315061.15
39+35.00	15.45' RT	1		3760614.41	5315031.28
39+55.00	45.00' LT	1		3760600.04	5315093.30
39+60.00	55.00' RT	1		3760585.88	5314994.18
41+37.00	50.00' LT	1		3760430.86	5315121.01
41+50.00	65.00' RT	1		3760382.16	5315016.01
41+85.00	55.48' RT	1		3760348.02	5315040.07
42+75.00	106.01' RT	1		3760228.65	5315054.76
42+90.00	53.00' RT	1		3760249.81	5315105.80
43+00.00	54.00' LT	1		3760309.31	5315195.30
44+50.00	95.00' RT	1		3760098.98	5315173.73
45+65.00	110.00' LT	1		3760138.43	5315405.45
46+40.00	105.00' RT	1		3759954.82	5315274.09
46+60.00	60.00' LT	1		3760019.43	5315427.01
47+45.00	65.00' RT	1		3759895.84	5315341.90
47+50.00	100.00' LT	1		3759931.64	5315503.05

RIGHT OF WAY MONUMENT POINTS

KY 595/WALNUT MEADOW ROAD

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
52+50.00	90.00' LT	1		3760735.35	5319323.95
54+20.00	70.97' RT	1		3760507.41	5319318.80
54+95.00	70.00' LT	1		3760505.31	5319476.94
55+45.00	87.00' RT	1		3760398.49	5319351.49
56+20.00	50.00' LT	1		3760382.31	5319506.83
56+50.00	45.00' RT	1		3760317.90	5319430.83
56+65.00	17.17' RT	1		3760314.83	5319462.29
56+65.00	24.90' LT	1		3760331.10	5319501.09

RIGHT OF WAY MONUMENT POINTS

KY 52 CONN. NO. 1

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
46+85.00	34.50' LT	1		3761808.33	5319348.63

RIGHT OF WAY MONUMENT POINTS

KY 52 CONN. NO. 3

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
39+80.00	35.18' RT	1		3768572.66	5324444.96
40+30.00	55.00' RT	1		3768533.33	5324408.27
43+00.00	90.00' RT	1		3768294.70	5324277.21
46+60.00	100.00' RT	1		3767957.18	5324135.20

RIGHT OF WAY MONUMENT POINTS

KY 52 CONN. NO. 4

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
53+95.00	50.00' RT	1		3767221.23	5324317.94
54+10.00	62.25' LT	1		3767198.85	5324428.97
55+55.00	100.00' LT	1		3767027.32	5324428.77
57+00.00	80.00' LT	1		3766889.47	5324330.57
57+10.00	38.13' LT	1		3766905.77	5324290.73
57+15.00	47.00' RT	1		3766951.37	5324218.67
57+15.00	32.13' RT	1		3766942.70	5324230.74

RIGHT OF WAY MONUMENT POINTS

PEYTONTOWN ROAD WEST

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
44+85.00	15.25' RT	1		3768620.89	5325157.45
44+85.00	55.00' RT	1		3768589.60	5325132.92
52+05.00	75.00' RT	1		3768022.39	5325549.67
54+70.00	65.00' RT	1		3767818.70	5325724.45
55+48.00	125.00' RT	1		3767715.35	5325739.49
57+40.00	35.00' RT	1		3767645.43	5325939.85
59+65.00	15.24' RT	1		3767482.43	5326080.58
59+65.00	43.00' RT	1		3767470.07	5326055.72

RIGHT OF WAY MONUMENT POINTS

MASON ROAD

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
45+40.00	15.32' LT	1		3770950.10	5331914.24
45+85.00	40.00' LT	1		3770901.68	5331929.33
48+10.00	60.00' LT	1		3770684.68	5331941.89

RIGHT OF WAY MONUMENT POINTS

PEYTONTOWN ROAD EAST

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
52+49.17	54.40' RT	1		3770309.92	5331697.44
52+55.00	45.00' LT	1		3770244.50	5331772.50
53+80.00	70.00' RT	1		3770218.25	5331604.39
54+70.00	40.00' LT	1		3770080.97	5331638.94
55+05.00	45.00' RT	1		3770094.50	5331548.14
55+45.00	15.27' LT	1		3770030.09	5331581.04
55+45.00	14.73' RT	1		3770044.80	5331554.90

COORDINATE CONTROL SHEET
KY 52 RELOCATION
RIGHT OF WAY MONUMENT POINTS

FILE NAME: T:\4167-KY 52 MADISON\PHASE 2\SHEETS\COORDINATE CONTROL\R15600CC.DGN
USER: sellis
DATE PLOTTED: July 17, 2018
E-SHEET NAME:
MicroStation v8.11.7.443

RIGHT OF WAY MONUMENT POINTS

KY 2881/CALEAST ROAD

				PROJECT COORDINATES	
STATION	OFFSET	TYPE	DESCRIPTION	NORTH (Y)	EAST (X)
43+85.00	24.99' LT	1		3771407.09	5334764.42
43+95.00	45.00' LT	1		3771396.26	5334783.99
53+12.94	57.00' RT	1		3770520.58	5334886.83
54+50.00	75.00' LT	1		3770373.03	5335007.00
54+65.00	60.00' RT	1		3770369.29	5334871.22
55+95.00	14.39' RT	1		3770235.95	5334905.88
55+95.00	15.62' LT	1		3770233.46	5334935.78