COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R1

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS

PLANS OF
PROPOSED PROJECT
PULASKI COUNTY
SOMERSET NORTHERN BYPASS
DPR 033 (002)

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2-R2e	TYPICAL SECTIONS-SUMMARY OF QUANTITIES
R3-R43	PLAN AND PROFILE SHEETS
R44	RIGHT OF WAY SUMMARY SHEETS
R45-R47	RIGHT OF WAY STRIP MAP SHEETS
R48-R48e	TRAFFIC CONTROL SHEETS
R49-R57	EROSION CONTROL SHEETS
R58	GEOMETRIC LAYOUT
R59-R63	RAMP DEVELOPMENT SHEETS
R64-R65	CONTOUR GRADING PLAN
R66-R76	PIPE SHEETS
X1-X252	CROSS SECTION SHEETS

TOTAL SHEETS

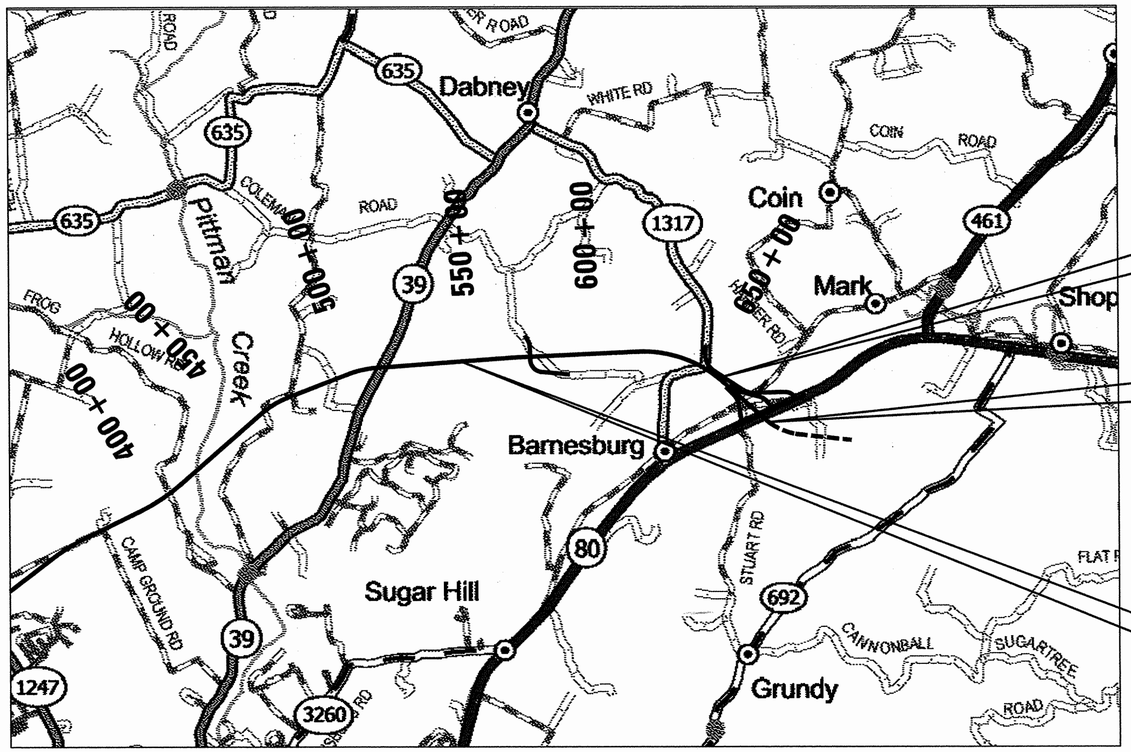
(R) ROADWAY	87
(S) STRUCTURE	0
(T) TRAFFIC	0
(U) UTILITY	0
(X) CROSS SECTION	252

SHEETS NOT INCLUDED IN TOTAL SHEETS
R2a-R2j

STANDARD DRAWINGS

RBI-001-09	RDI-045-01
RBI-002-06	RDM-010-05
RBI-003-06	RDP-005-04
RBR-010-05	RDP-006-03
RBR-025-03	RDP-010-07
RBR-030-04	RDX-205
RBR-035-07	RDX-210-02
RDB-005-08	RDX-220-03
RDB-150-01	RFW-005-06
RDB-155-01	RGS-001-06
RDD-001-05	RGS-002-04
RDD-020-06	RGX-001-04
RDD-021-06	RGX-005-04
RDD-040-04	RGX-200
RDH-020-03	RPM-100-09
RDH-110-02	RPM-110-04
RDH-220-02	RPX-001-03
RDI-001-07	TPM-105
RDI-002-02	TPM-125
RDI-003-02	TPM-145
RDI-011-01	TTC-135
RDI-020-08	TTD-100
RDI-025-04	TTD-105

TOTAL STANDARD DRAWINGS - 46



LAYOUT MAP
SCALE 1" = 3000'

0 3000 6000 9000 12000
GRAPHIC SCALE IN FEET

RIGHT OF WAY PLANS

THIS PROJECT IS ON THE NATIONAL HIGHWAY SYSTEM

THIS PROJECT IS A FULLY CONTROLLED ACCESS HIGHWAY MAINLINE STA. 545+00 TO STA. 682+91

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT COLEMAN RD. STA. 40+50 TO STA. 69+50

THESE PLANS ARE FOR GRADE, DRAIN AND SURFACING

DESIGN CRITERIA

CLASS OF HIGHWAY INTERSTATE
TYPE OF TERRAIN ROLLING
DESIGN SPEED 70 m.p.h.
REQUIRED NPSD 730 ft.
REQUIRED PSD 2480 ft.
LEVEL OF SERVICE
ADT PRESENT (2010) 19200
ADT FUTURE (2030) 26000
DHV 2050 (2020)/2770 (2030)
D %
T %

GEOGRAPHIC COORDINATES

LATITUDE 37 DEGREES 07 MINUTES NORTH
LONGITUDE 84 DEGREES 37 MINUTES WEST

DESIGNED

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

AEI SECTION 4

GROSS LENGTH 13678.00 LIN. FT. 2.591 MILES	GROSS LENGTH ___ LIN. FT. ___ MILES	GROSS LENGTH ___ LIN. FT. ___ MILES	GROSS LENGTH ___ LIN. FT. ___ MILES
ADDED / DEDUCTED FOR EQUALITIES N/A LIN. FT.	ADDED / DEDUCTED FOR EQUALITIES ___ LIN. FT.	ADDED / DEDUCTED FOR EQUALITIES ___ LIN. FT.	ADDED / DEDUCTED FOR EQUALITIES ___ LIN. FT.
NET LENGTH 13678.00 LIN. FT. 2.591 MILES	NET LENGTH ___ LIN. FT. ___ MILES	NET LENGTH ___ LIN. FT. ___ MILES	NET LENGTH ___ LIN. FT. ___ MILES
NOT INCLUDED	NOT INCLUDED	NOT INCLUDED	NOT INCLUDED
RAILROAD CROSSINGS NO. ___ LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.	RAILROAD CROSSINGS NO. ___ LIN. FT.
BRIDGES ___ LIN. FT.	BRIDGES ___ LIN. FT.	BRIDGES ___ LIN. FT.	BRIDGES ___ LIN. FT.

APPROVED: 3/29/03
F. Olivin Michael
for Jose Sepulveda
F.H.W.A. DIVISION ADMINISTRATOR

KENTUCKY
DEPARTMENT OF HIGHWAYS
COUNTY OF
PULASKI
SOMERSET NORTHERN BYPASS

ITEM NO. 8-59.60
PROJECT NUMBER FD52 100 67808 01U
DPR 033 (002)
LETTING DATE:

DESIGNED BY David Beattie PROJECT ENGINEER 9-27-04 DATE
PLAN APPROVED STATE HIGHWAY ENGINEER 9/30/04 DATE

AEI AMERICAN ENGINEERS, INC. PROFESSIONAL ENGINEERING
STATE OF KENTUCKY BEN T. QUINN, JR. 19,628 LICENSED PROFESSIONAL ENGINEER
8/14/03

DATE | NO. SETS | RECORD PLANS | CONSTRUCTION PLANS

REVIEWED BY ___ DIVISION OF CONSTRUCTION

Cell Library: kytc.cel
Cell Name: sl
DD-MMM-YYYY HH:MM

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R1a

REVISED PLAN DATE: 2/24/16

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

RIGHT OF WAY REVISION NO. 1

REVISED PLANS DATE: JULY 12, 2007

SHEETS REVISED: R23, R24 & R25

PARCELS INVOLVED:

REMARKS: BEGGINING STA. FOR COLEMAN ROAD CHANGED FROM 40+50 TO 40+00. PROPOSED ROW LINES NOT SHOWING ON PLANS NOW VISIBLE.

RIGHT OF WAY REVISION NO. 2

REVISED PLANS DATE: NOVEMBER 16, 2007

SHEETS REVISED: R7, R17 & R23.

PARCELS INVOLVED:

REMARKS: TURNED ON PROPOSED RIGHT OF WAY LINES ON VARIOUS SHEETS, SHOWING LANDLOCKED AREA SHADING AND TURN ON A PROPERTY LINE TO ALL NOW BE VISIBLE ON PLANS. TURNED ON LEVEL WITH UTILITIES.

RIGHT OF WAY REVISION NO. 3

REVISED PLANS DATE: FEBRUARY 14, 2008

SHEETS REVISED: R19, R21, R27, R31, R44, R47

PARCELS INVOLVED: 510 and 517

REMARKS: PARCEL 510 HAD A PORTION SOLD OFF THAT IS KNOWN AS 517.

RIGHT OF WAY REVISION NO. 4

REVISED PLANS DATE: MAY 2, 2008

SHEETS REVISED: R5, R7, R9, R11, R13, R15, R17, R19, R21, R23, R25, R27, R29, R35, R37, R39, R41, R44, R45, R46, R47

PARCELS INVOLVED: 502, 503, 504, 505, 507, 508, 511, 516, 517

REMARKS: ADDRESSED COMMENTS FROM DISTRICT 8 OFFICE

RIGHT OF WAY REVISION NO. 5

REVISED PLANS DATE: MAY 21, 2008

SHEETS REVISED: R7, R23, R44 & R45

PARCELS INVOLVED: 505 & 516

REMARKS: CORRECTED TOTALS FOR TEMPORARY AND PERMANENT EASEMENTS ON SUMMARY SHEET. UPDATED PLANS TO SHOW CORRECT BRIDGE AT INTERSECTION OF COLEMAN RD. AND SOMERSET NORTHERN BYPASS.

RIGHT OF WAY REVISION NO. 6

REVISED PLANS DATE: SEPTEMBER 19, 2008

SHEETS REVISED: R19, R21, R27, R29, R31, R37, R39, R41, R44, R47

PARCELS INVOLVED: 507, 508, 510, 511 and 513

REMARKS: PARCEL 507 & 511 NAME CHANGE-NEW OWNER.
PARCEL 508X EXCESS PURCHASE.
PARCEL 510 CHANGED SOURCE DEED.
PARCEL 513 NAME CHANGE-NEW OWNER.

RIGHT OF WAY REVISION NO. 7

REVISED PLANS DATE: FEBRUARY 24, 2016

SHEETS REVISED: R3, R5, R7, R9, R11, R13, R15, R17, R19, R23, R25, R27, R29, R31, R35, R37, R39, R41, R42, R43, R44, R45, R46, R47, R48, R49

PARCELS INVOLVED: 500, 502, 503, 504, 505, 506, 507, 513, 516 and 518

REMARKS: PARCEL 500: PARCEL NO LONGER AFFECTED.
PARCEL 502: PROPOSED RIGHT OF WAY MODIFIED DUE TO GRADE CHANGES. PERMANENT DRAINAGE ESMT. ADDED
PARCEL 503: NEW PARCEL - HINKLE CONTRACTING CORPORATION.
PARCEL 504: NAME CHANGE TO THOMAS C. GARNER & KATHY GARNER FAMILY LIVING TRUST. PROPOSED RIGHT OF WAY MODIFIED DUE TO GRADE CHANGES OF PROPOSED INTERCEPTOR DT. TEMP. ESMT. FOR EROSION CONTROL REMOVED ML STA. 638+00 RT.
PARCEL 505: PROPOSED RIGHT OF WAY MODIFIED DUE TO PROPOSED DRAINAGE CHANGES.
PARCEL 506: NAME CHANGE TO CANAAN BAPTIST CHURCH, C/O TROY HAYES, ET AL.
PARCEL 507: NAME CHANGE TO WILLIAM S. VAUGHT & STACIE VAUGHT (hs. & wf.)
PARCEL 513: NAME CHANGE TO RC INVESTMENTS, LLC.
PARCEL 516: PARCEL AREA SEPARATED INTO TWO PARCELS ALONG COLEMAN RD. EXISTING RIGHT OF WAY. ADDED PERMANENT DRAINAGE ESMT. FOR DRAINAGE BASIN. REMOVED PERMANENT DRAINAGE ESMT. AT ML STA. 588+00 RT
PARCEL 518: NEW PARCEL, THE EVELYN DEBORD FAMILY LIMITED PARTNERSHIP, EVELYN DEBORD, GENERAL PARTNER. AREA DIVIDED FROM PARCEL #516

RIGHT OF WAY PLANS

RIGHT OF WAY REVISION SHEET

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R2

NOTES:
UNLESS SHOWN ON PLANS, ALL RADII AT APPROACHES AND ENTRANCES CONFORM TO THE STANDARD DRAWINGS

PAVEMENT AND SLOPES TO BE ROUNDED AS CALLED FOR ON STANDARD DRAWING NO. RGX-001

① FOR SLOPES OUTSIDE LIMITS OF SHOULDER SEE CROSS SECTIONS

② SHOULDER SHALL BE WIDENED THREE (3) FEET WHERE GUARDRAIL IS TO BE INSTALLED

③ SLOPE AT SAME RATE AS SUPERELEVATION EXCEPT NOT FLATTER THAN SLOPE INDICATED

④ ASPHALT SEAL COAT REQUIRED FROM THE EDGE OF PAVED SHOULDER TO A POINT TWO (2) FEET DOWN THE CUT OR FILL SLOPE TO RETARD VEGETATION GROWTH AND HELP PREVENT EROSION

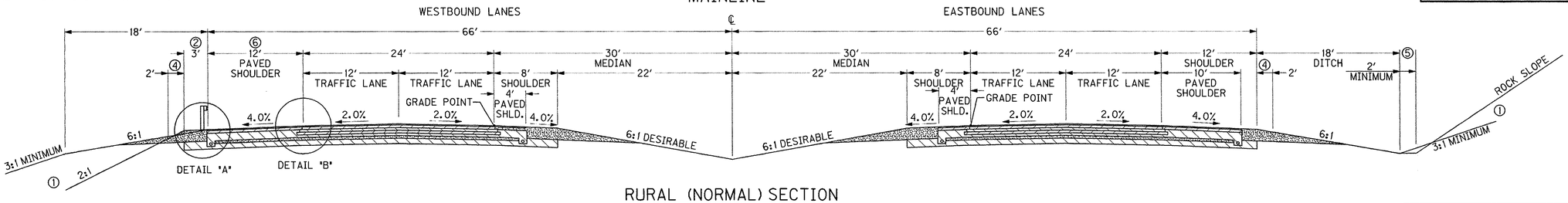
⑤ TWO (2) FOOT MINIMUM DITCH WIDTH IN ROCK CUTS AND WHERE CHANNEL LINING IS REQUIRED

⑥ PAVED SHOULDER SHALL BE EXTENDED TO FACE OF GUARDRAIL WHEN GUARDRAIL IS TO BE INSTALLED.

TYPICAL SECTIONS

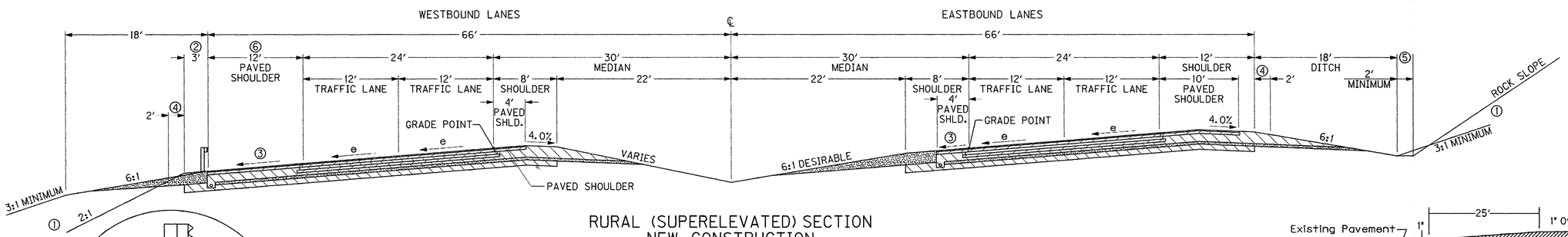
RIGHT OF WAY PLANS

SOMERSET NORTHERN BYPASS MAINLINE

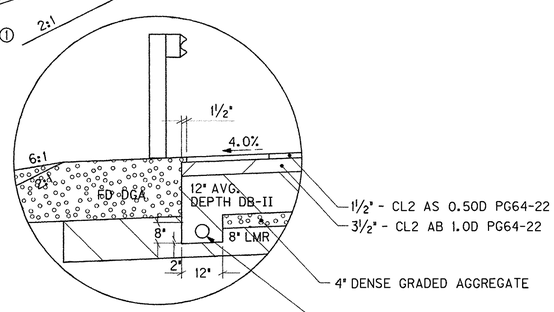


RURAL (NORMAL) SECTION NEW CONSTRUCTION

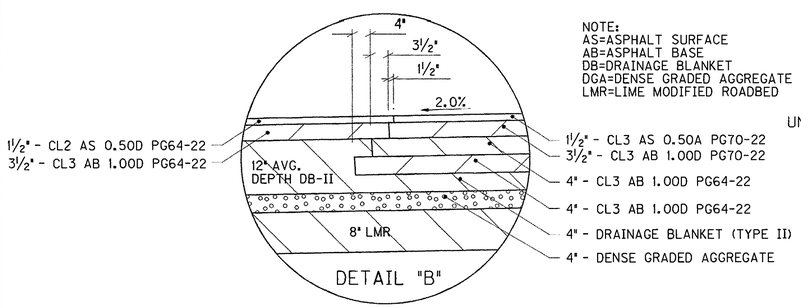
DESIGN SPEED = 70 m.p.h.



RURAL (SUPERELEVATED) SECTION NEW CONSTRUCTION



DETAIL "A"



DETAIL "B"

NOTE:
AS=ASPHALT SURFACE
AB=ASPHALT BASE
DB=DRAINAGE BLANKET
DGA=DENSE GRADED AGGREGATE
LMR=LIME MODIFIED ROADBED

PAVEMENT DESIGN NEW CONSTRUCTION: FLEXIBLE PAVEMENT

TRAFFIC LANE
- 4" DENSE GRADED AGGREGATE ASPHALT CURING SEAL (APPLY AT A RATE OF 1.6 LB/SY)
- 4" DRAINAGE BLANKET (TYPE II ASPH PG64-22)
- 8" CL3 AB 1.00D PG64-22 (4"+4")
- 3½" CL3 AB 1.00D PG70-22
- 1½" CL3 AS 0.50A PG70-22

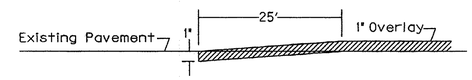
SHOULDERS
- 4" DENSE GRADED AGGREGATE ASPHALT CURING SEAL (APPLY AT A RATE OF 1.6 LB/SY)
- FULL DEPTH DRAINAGE BLANKET (TYPE II ASPH PG64-22)
- 3½" CL2 AB 1.00D PG64-22
- 1½" CL2 AS 0.50D PG64-22

UNPAVED SHOULDER
- FULL DEPTH DGA

ROADBED PREPARATION
- 8" LIME MODIFIED ROADBED
- OR
- 24" ROCK ROADBED

COLEMAN ROAD

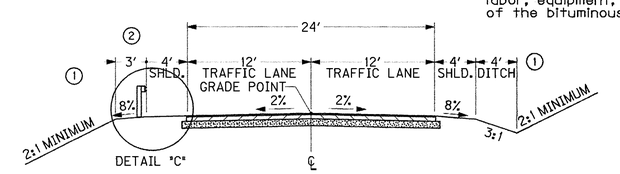
TRAFFIC LANE
- 8" DENSE GRADED AGGREGATE (DGA)
- 5" CL3 AB 1.0D PG70-22
- 1¼" CL3 AS 0.50D PG70-22



EDGE KEY DETAIL

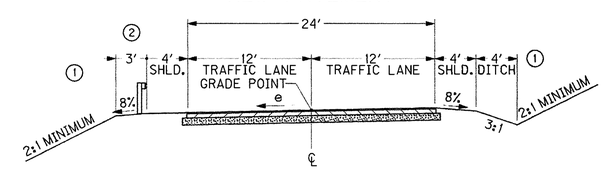
Work under this item shall include cutting out the existing bituminous surface to a minimum depth and width as shown, so the new surface may heel into the existing surface. The contract unit price bid per linear foot for "EDGE KEY" shall include all necessary materials, labor, equipment, etc. to perform the work and dispose of the bituminous material removed.

COLEMAN ROAD

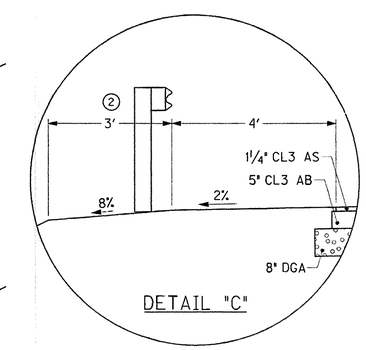


DESIGN SPEED = 30 m.p.h.

RURAL (NORMAL) SECTION NEW PAVEMENT



RURAL (SUPERELEVATED) SECTION NEW PAVEMENT



DETAIL "C"

TYPICAL SECTIONS

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY _____ DATE _____

Cell Library: ky+c.cel
Cell Name: sp
DD-MMM-YYYY HH:MM

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R2a

REVISED PLANS DATE: 2/15/10

TYPICAL SECTIONS

NOTES:

UNLESS SHOWN ON PLANS, ALL RADII AT APPROACHES AND ENTRANCES CONFORM TO THE STANDARD DRAWINGS.

PAVEMENT AND SLOPES TO BE ROUNDED AS CALLED FOR ON STANDARD DRAWING NO. RGX-001-05.

① SEE X-SECTIONS FOR SLOPES OUTSIDE OF SHOULDER

② WIDEN SHOULDER 3 ft. FOR GUARDRAIL

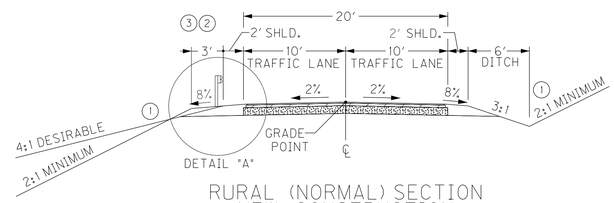
③ ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVEMENT TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING: EMULSIFIED ASPHALT RS-2 2.40 LB/SY ASPHALT CURING SEAL 20 LB/SY

④ SUPERELEVATED SHOULDERS, CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN NORMAL SHOULDER.

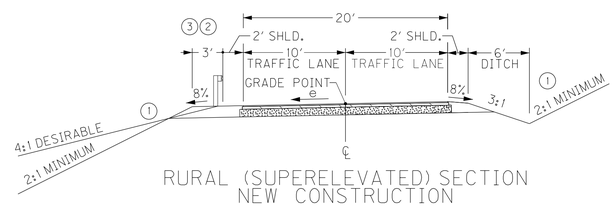
⑤ SEE X-SECTIONS FOR VARIABLE LANE AND MEDIAN WIDTHS

⑥ PAVEMENT REMOVAL (1'-6" WIDE AND 1.25" DEEP) SHALL BE REQUIRED ALONG EDGE OF THE EXISTING PAVEMENT ADJACENT TO THE WIDENING.

COLEMAN ROAD

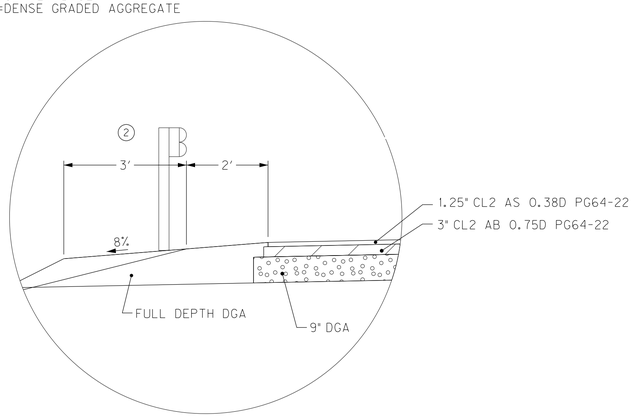


RURAL (NORMAL) SECTION
NEW CONSTRUCTION



RURAL (SUPERELEVATED) SECTION
NEW CONSTRUCTION

NOTE:
AS=ASPHALT SURFACE
AB=ASPHALT BASE
DGA=DENSE GRADED AGGREGATE



DETAIL "A"

COLEMAN ROAD

PAVEMENT DESIGN (NEW CONSTRUCTION):
FLEXIBLE PAVEMENT

TRAFFIC LANE — 9" DENSE GRADED AGGREGATE (DGA)
3" CL2 AB 0.75D PG64-22
1.25" CL2 AS 0.38D PG64-22

GRADED SHOULDERS — FULL DEPTH DENSE GRADED AGGREGATE (DGA)

RIGHT OF WAY PLANS

TYPICAL SECTIONS

PREPARED BY AMERICAN ENGINEERS, INC. DATE 8-8-08
CHECKED BY AMERICAN ENGINEERS, INC. DATE 8-8-08
APPROVED BY DATE

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R2b

REVISED PLANS DATE: 2/15/10

NOTES:
UNLESS SHOWN ON PLANS, ALL RADII AT APPROACHES AND ENTRANCES SHALL CONFORM TO THE STANDARD DRAWINGS

PAVEMENT AND SLOPES TO BE ROUNDED AS CALLED FOR ON STANDARD DRAWING NO. RGX-001-05

① SEE X-SECTIONS FOR SLOPES OUTSIDE OF SHOULDER

② WIDEN SHOULDER 3 ft. FOR GUARDRAIL

③ SUPERELEVATED SHOULDERS, CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN NORMAL SHOULDER

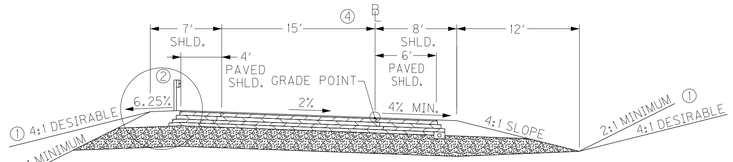
④ SEE X-SECTIONS FOR VARIABLE LANE AND MEDIAN WIDTHS

⑤ PAVEMENT REMOVAL (1'-6" WIDE AND 1.25" DEEP) SHALL BE REQUIRED ALONG EDGE OF THE EXISTING PAVEMENT ADJACENT TO THE WIDENING.

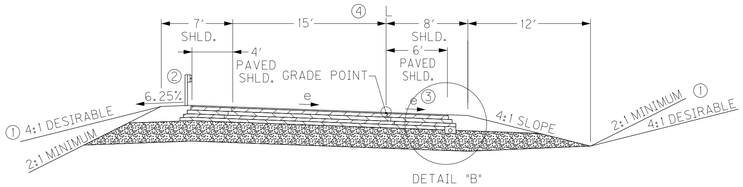
PREPARED BY AMERICAN ENGINEERS, INC. DATE 8-8-08
CHECKED BY AMERICAN ENGINEERS, INC. DATE 8-8-08
APPROVED BY DATE

TYPICAL SECTIONS

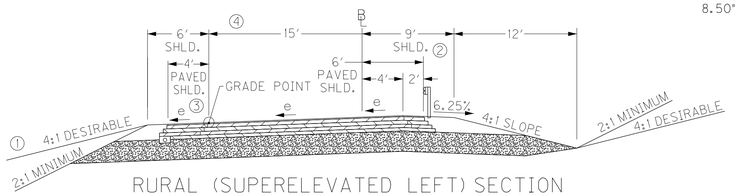
INTERCHANGE RAMPS



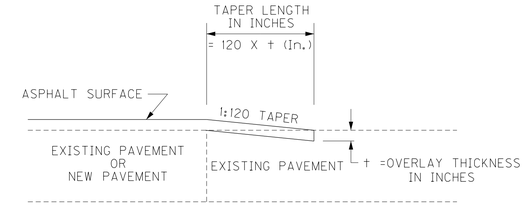
RURAL (NORMAL) SECTION
NEW CONSTRUCTION



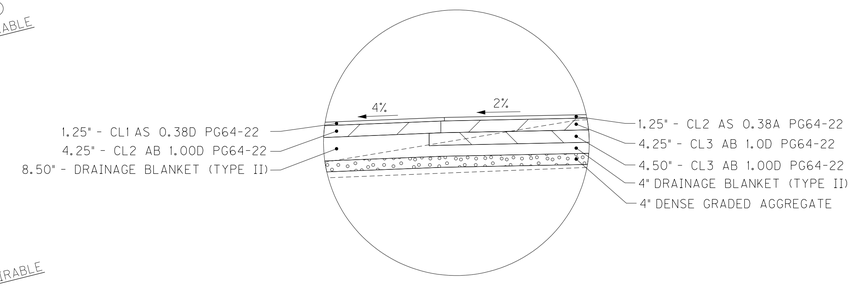
RURAL (SUPERELEVATED RIGHT) SECTION
NEW CONSTRUCTION



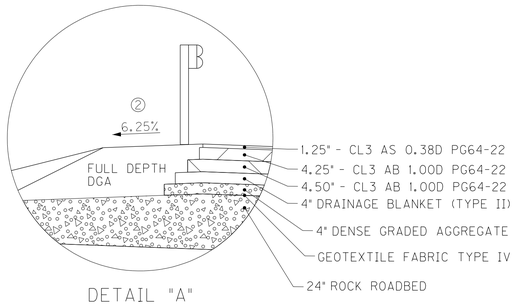
RURAL (SUPERELEVATED LEFT) SECTION
NEW CONSTRUCTION



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



DETAIL "C"



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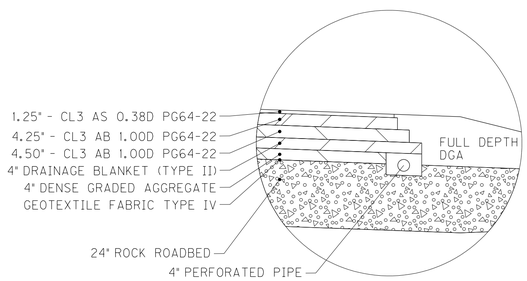
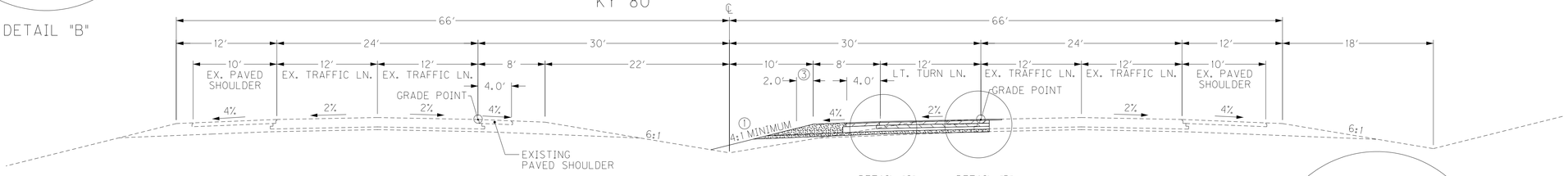
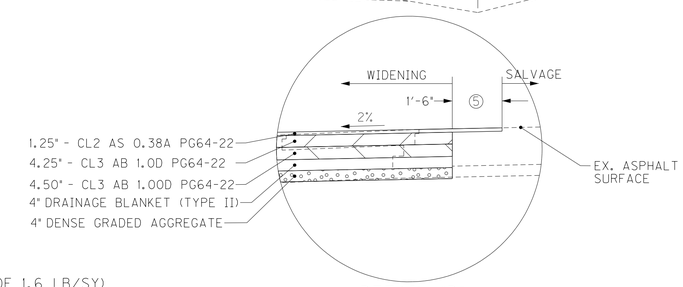


DETAIL "B"

KY 80



RURAL (NORMAL) SECTION
NEW CONSTRUCTION



DETAIL "D"

RIGHT OF WAY PLANS

NOTE:
AS=ASPHALT SURFACE
AB=ASPHALT BASE
DGA=DENSE GRADED AGGREGATE

PAVEMENT DESIGN
NEW CONSTRUCTION:
FLEXIBLE PAVEMENT

ROADBED PREPARATION — 24" ROCK ROADBED

TRAFFIC LANE —
- 1.25" CL4 AS 0.38A PG76-22
- 4.25" CL4 AB 1.00D PG76-22
- 4.50" CL4 AB 1.00D PG64-22
- 4.00" DRAINAGE BLANKET (TYPE II ASPH PG64-22)
- 4.00" DENSE GRADED AGGREGATE
- 1 ASPHALT CURING SEAL (APPLY AT A RATE OF 1.6 LB/SY)

SHOULDERS —
- 1.25" CL3 AS 0.38D PG64-22
- 8.75" CL3 AB 1.00D PG64-22 (4.5+4.25)
- 4.00" DENSE GRADED AGGREGATE
- 1 ASPHALT CURING SEAL (APPLY AT A RATE OF 1.6 LB/SY)

ASPHALT SEAL REQUIRED FROM OUTSIDE EDGE OF PAVED SHOULDER TO A POINT 2' DOWN THE DITCH OR FILL SLOPE. TWO APPLICATIONS OF THE FOLLOWING:

EMULSIFIED ASPHALT RS-2 2.40 LB/SY
ASPHALT SEAL AGGREATE 20 LB/SY

TYPICAL SECTIONS

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R2c

REVISED PLANS DATE: 2/15/10

NOTES:
UNLESS SHOWN ON PLANS, ALL RADII AT APPROACHES AND ENTRANCES SHALL CONFORM TO THE STANDARD DRAWINGS

PAVEMENT AND SLOPES TO BE ROUNDED AS CALLED FOR ON STANDARD DRAWING NO. RGX-001-05

① SEE X-SECTIONS FOR SLOPES OUTSIDE OF SHOULDER

② WIDEN SHOULDER 3 ft. FOR GUARDRAIL

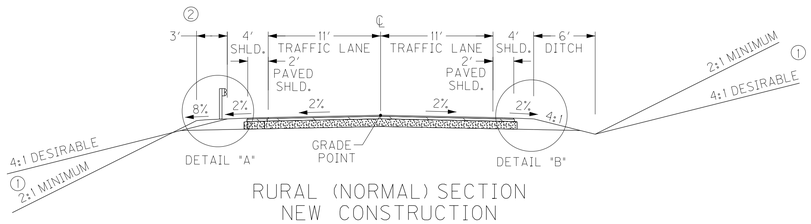
③ SUPERELEVATED SHOULDERS, CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN NORMAL SHOULDER

PREPARED BY AMERICAN ENGINEERS, INC. DATE 8-8-08
CHECKED BY AMERICAN ENGINEERS, INC. DATE 8-8-08
APPROVED BY DATE

TYPICAL SECTIONS

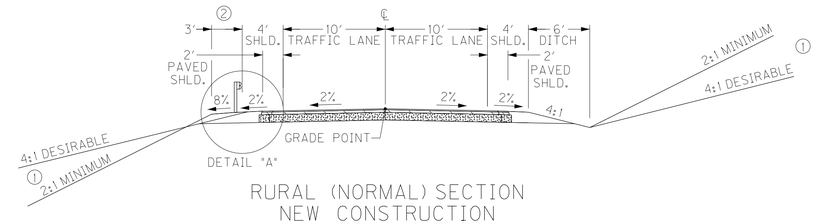
APPROACH ROADS

FRONTAGE ROAD

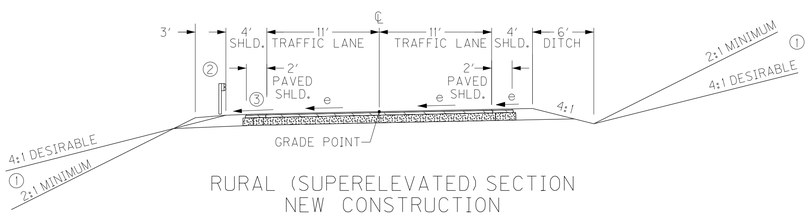


RURAL (NORMAL) SECTION
NEW CONSTRUCTION

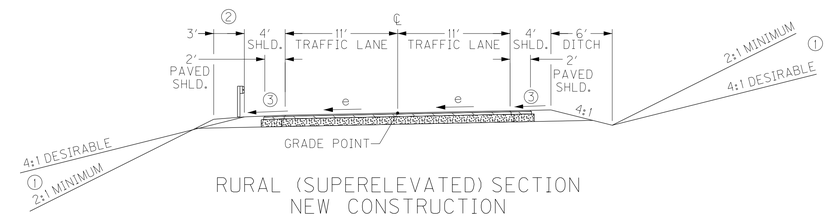
BARNESBURG ROAD



RURAL (NORMAL) SECTION
NEW CONSTRUCTION

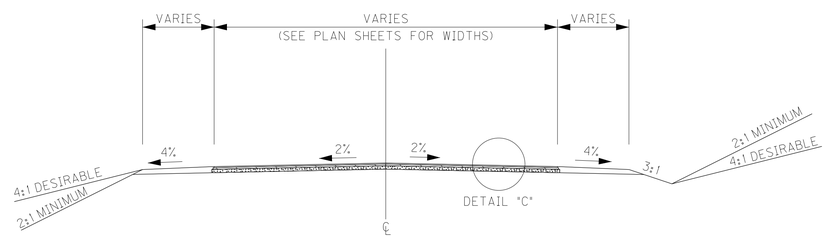


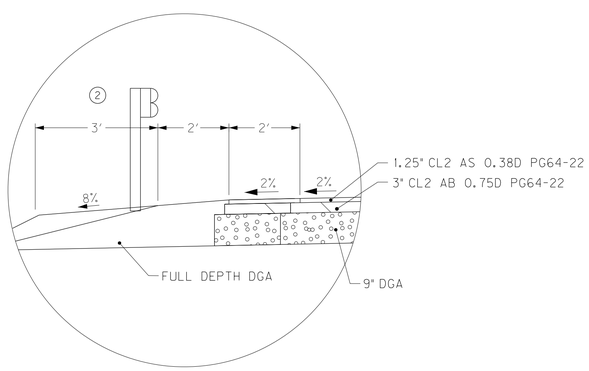
RURAL (SUPERELEVATED) SECTION
NEW CONSTRUCTION



RURAL (SUPERELEVATED) SECTION
NEW CONSTRUCTION

ENTRANCES

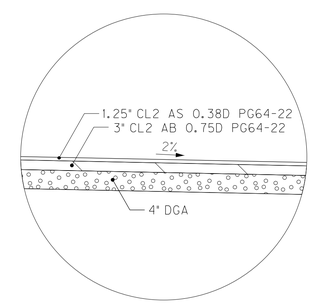




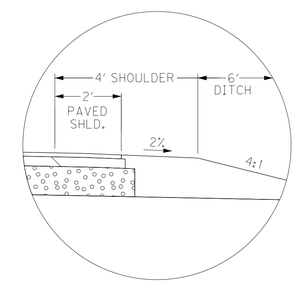
DETAIL "A"

FRONTAGE ROAD
KY 1317 TURNAROUND
BARNESBURG ROAD &
OLD KY 80 TURNAROUND
PAVEMENT DESIGN
NEW CONSTRUCTION:
FLEXIBLE PAVEMENT

TRAFFIC LANE	9" DENSE GRADED AGGREGATE (DGA) 3" CL2 AB 0.75D PG64-22 1.25" CL2 AS 0.38D PG64-22
PAVED SHOULDER	9" DENSE GRADED AGGREGATE (DGA) 3" CL2 AB 0.75D PG64-22 1.25" CL2 AS 0.38D PG64-22
GRADED SHOULDER	FULL DEPTH DENSE GRADED AGGREGATE (DGA)



DETAIL "C"



DETAIL "B"

RIGHT OF WAY PLANS

NOTE:
AS=ASPHALT SURFACE
AB=ASPHALT BASE
DGA=DENSE GRADED AGGREGATE

TYPICAL SECTIONS

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R3

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 8-8-08
CHECKED BY AMERICAN ENGINEERS, INC. DATE 8-8-08
APPROVED BY DATE

CONVENTIONAL SIGNS

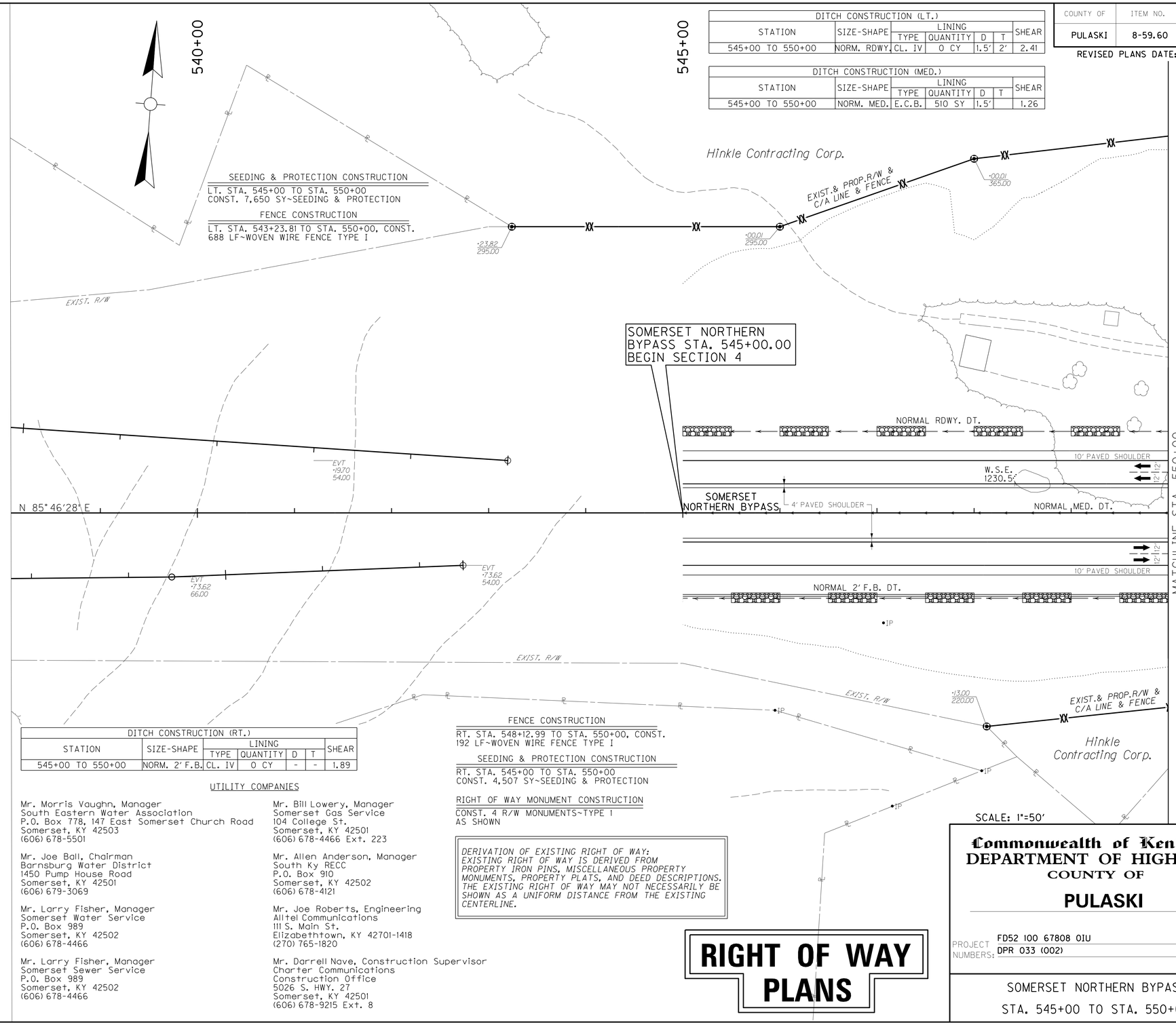
SURVEY LINE
GRADE LINE — 400' V.C.
GROUND LINE
COUNTY LINE
CORPORATE LIMITS
EXIST. PROPERTY LINE
EXIST. RIGHT OF WAY & PROPERTY LINE
PROPOSED RIGHT OF WAY
RIGHT OF WAY MONUMENT
BENCH MARK — B.M. NO.4
EXISTING R/W MARKER
RIGHT OF WAY MONUMENT EXISTING/PROPOSED
UTILITY TEST HOLE — TH
EXISTING ROAD
RAILROAD
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	T
ELECTRIC DUCT	E	E
DIRECT BURIAL TV CABLE	TV	TV
SANITARY SEWER (WITH MANHOLE)	SAN	SAN
STORM SEWER (WITH MANHOLE)	STORM	STORM
DIRECT BURIAL ELECTRIC CABLE	E	E
DIRECT BURIAL TELEPHONE CABLE	T	T
OVERHEAD WIRE		
TRAFFIC LIGHTS		
ELECTRIC MANHOLE	EMH	EMH
TELEPHONE MANHOLE	TMH	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

DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
545+00 TO 550+00	NORM. RDWY.	CL. IV	0 CY	1.5'	2'	2.41

DITCH CONSTRUCTION (MED.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
545+00 TO 550+00	NORM. MED.	E.C.B.	510 SY	1.5'		1.26



DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
545+00 TO 550+00	NORM. 2' F.B.	CL. IV	0 CY	-	-	1.89

FENCE CONSTRUCTION

RT. STA. 548+12.99 TO STA. 550+00, CONST.
192 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 545+00 TO STA. 550+00
CONST. 4,507 SY~SEEDING & PROTECTION

RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 4 R/W MONUMENTS~TYPE I
AS SHOWN

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

UTILITY COMPANIES

Mr. Morris Vaughn, Manager
South Eastern Water Association
P.O. Box 778, 147 East Somerset Church Road
Somerset, KY 42503
(606) 678-5501

Mr. Joe Ball, Chairman
Barnsburg Water District
1450 Pump House Road
Somerset, KY 42501
(606) 679-3069

Mr. Larry Fisher, Manager
Somerset Water Service
P.O. Box 989
Somerset, KY 42502
(606) 678-4466

Mr. Larry Fisher, Manager
Somerset Sewer Service
P.O. Box 989
Somerset, KY 42502
(606) 678-4466

Mr. Bill Lowery, Manager
Somerset Gas Service
104 College St.
Somerset, KY 42501
(606) 678-4466 Ext. 223

Mr. Allen Anderson, Manager
South Ky RECC
P.O. Box 910
Somerset, KY 42502
(606) 678-4121

Mr. Joe Roberts, Engineering
Alltel Communications
111 S. Main St.
Elizabethtown, KY 42701-1418
(270) 765-1820

Mr. Darrell Nave, Construction Supervisor
Charter Communications
Construction Office
5026 S. HWY. 27
Somerset, KY 42501
(606) 678-9215 Ext. 8

RIGHT OF WAY PLANS

SCALE: 1"=50'

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
PULASKI

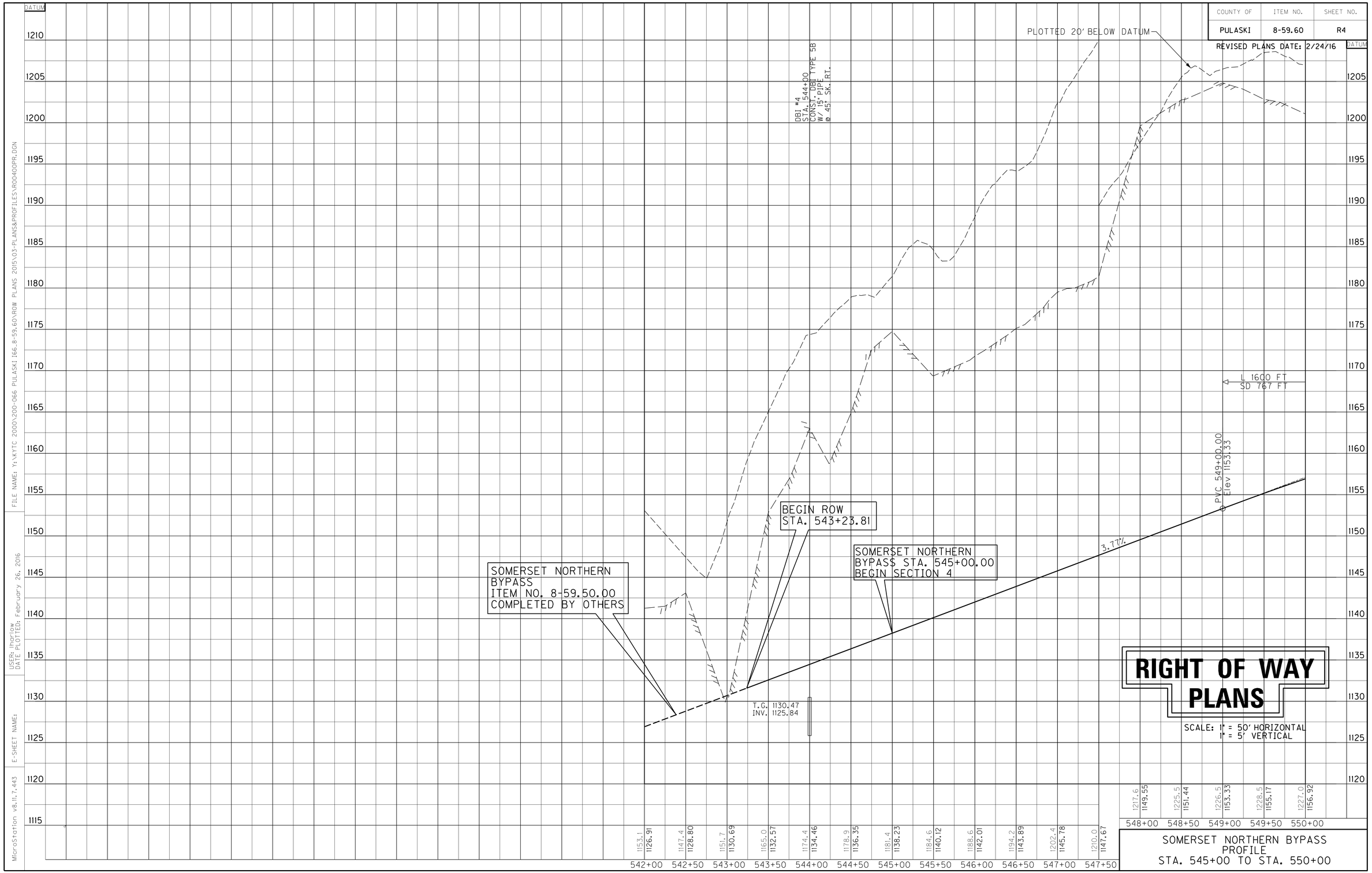
PROJECT NUMBERS: FD52 100 67808 01U
DPR 033 (002)

SOMERSET NORTHERN BYPASS
STA. 545+00 TO STA. 550+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R4

REVISED PLANS DATE: 2/24/16



FILE NAME: Y:\KYTC 2000\200-066 PULASKI 166.8-59.60\ROW PLANS 2015\03-PLANS&PROFILES\R00400PR.DGN

USER: lharlow
DATE PLOTTED: February 26, 2016

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R5

REVISED PLANS DATE: 2/24/16

I.D.	BEARING	DISTANCE
A	S25°04'12"W	17.84'
B	S36°00'44"W	46.28'
C	S36°00'44"W	212.17'
D	N85°46'28"E	42.00'

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
557+70	—	TY. 2A	—	565+00	—	—	—	737.50 FT

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 550+00 TO STA. 565+00
CONST. 25,222 SY~SEEDING & PROTECTION

FENCE CONSTRUCTION

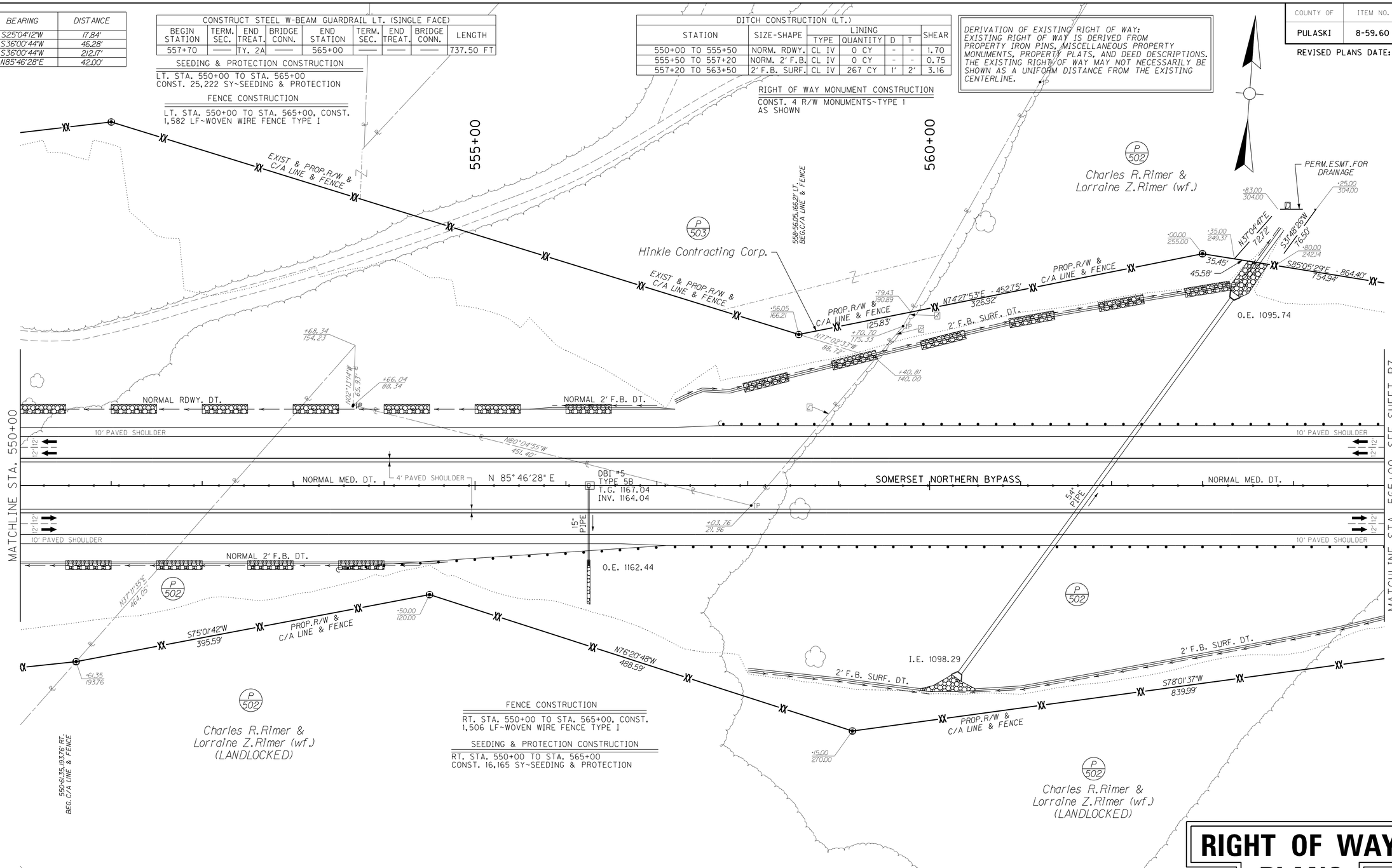
LT. STA. 550+00 TO STA. 565+00, CONST.
1,582 LF~WOVEN WIRE FENCE TYPE I

DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
550+00 TO 555+50	NORM. RDWY.	CL IV	0 CY	-	-	1.70
555+50 TO 557+20	NORM. 2' F.B.	CL IV	0 CY	-	-	0.75
557+20 TO 563+50	2' F.B. SURF.	CL IV	267 CY	1'	2'	3.16

RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 4 R/W MONUMENTS~TYPE I
AS SHOWN

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.



FENCE CONSTRUCTION

RT. STA. 550+00 TO STA. 565+00, CONST.
1,506 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 550+00 TO STA. 565+00
CONST. 16,165 SY~SEEDING & PROTECTION

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
553+50	—	TY. 3	—	565+00	—	—	—	1150 FT

DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
550+00 TO 555+25	NORM. 2' F.B.	CL IV	0 CY	-	-	1.89
558+00 TO 560+70	2' F.B. SURF.	E.C.B.	604 SY	1.0'		0.28
560+70 TO 565+00	2' F.B. SURF.	E.C.B.	583 SY	1.0'		0.76

DITCH CONSTRUCTION (MED.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
550+00 TO 556+25	NORM. MED.	E.C.B.	406 SY	1.5'		1.06
556+25 TO 559+50	NORM. MED.	E.C.B.	152 SY	1.5'		0.74
559+50 TO 565+00	NORM. MED.	E.C.B.	73 SY	1.5'		0.19

RIGHT OF WAY PLANS

SCALE: 1"=50'

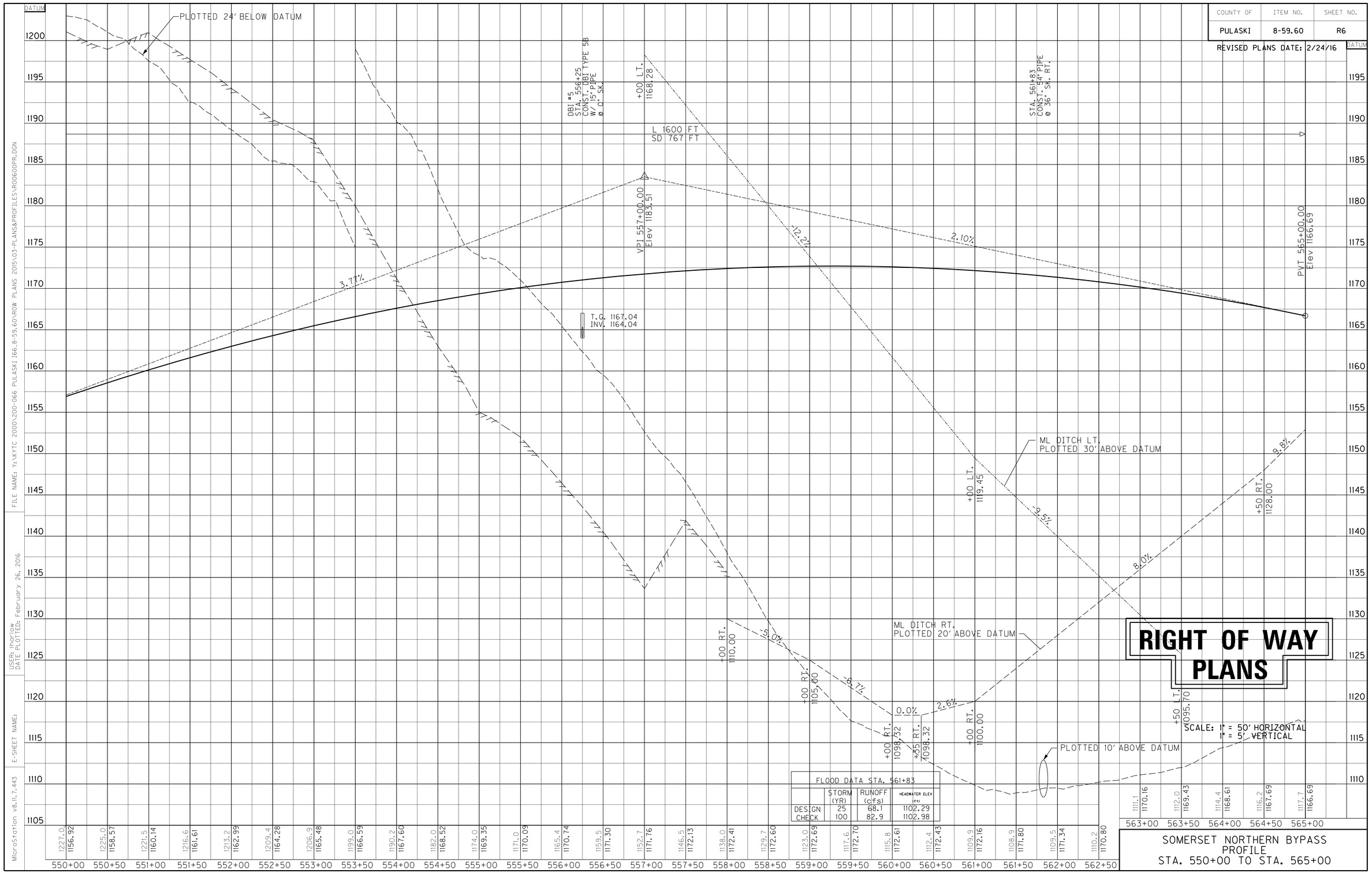
SOMERSET NORTHERN BYPASS
STA. 550+00 TO STA. 565+00

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R6

REVISED PLANS DATE: 2/24/16



FLOOD DATA STA. 561+83

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	68.1	1102.29
CHECK	100	82.9	1102.98

SOMERSET NORTHERN BYPASS
PROFILE
STA. 550+00 TO STA. 565+00

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R7

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
574+48 TO 579+00	2' F.B. SURF.	E.C.B.	420 SY	1'		0.66
579+00 TO 580+00	2' F.B. SURF.	E.C.B.	93 SY	1'		0.30

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 565+00 TO STA. 580+00
CONST. 23,746 SY~SEEDING & PROTECTION

ISLAND CURB & GUTTER CONSTRUCTION

LT. STA. 574+61.73 TO STA. 574+86.73
CONST. 50 LF ISLAND CURB & GUTTER

FENCE CONSTRUCTION

LT. STA. 565+00 TO STA. 580+00, CONST.
1,724 LF~WOVEN WIRE FENCE TYPE I

P.I. 567+08.48
Δ = 1°34'45" Rt.
C = 0°28'39"
T = 165.39'
L = 330.76'
R = 12000.00'
E = 1.14'
e = RC
Runoff = 90'
Runout = 90'

CHANNEL LINING CONSTRUCTION

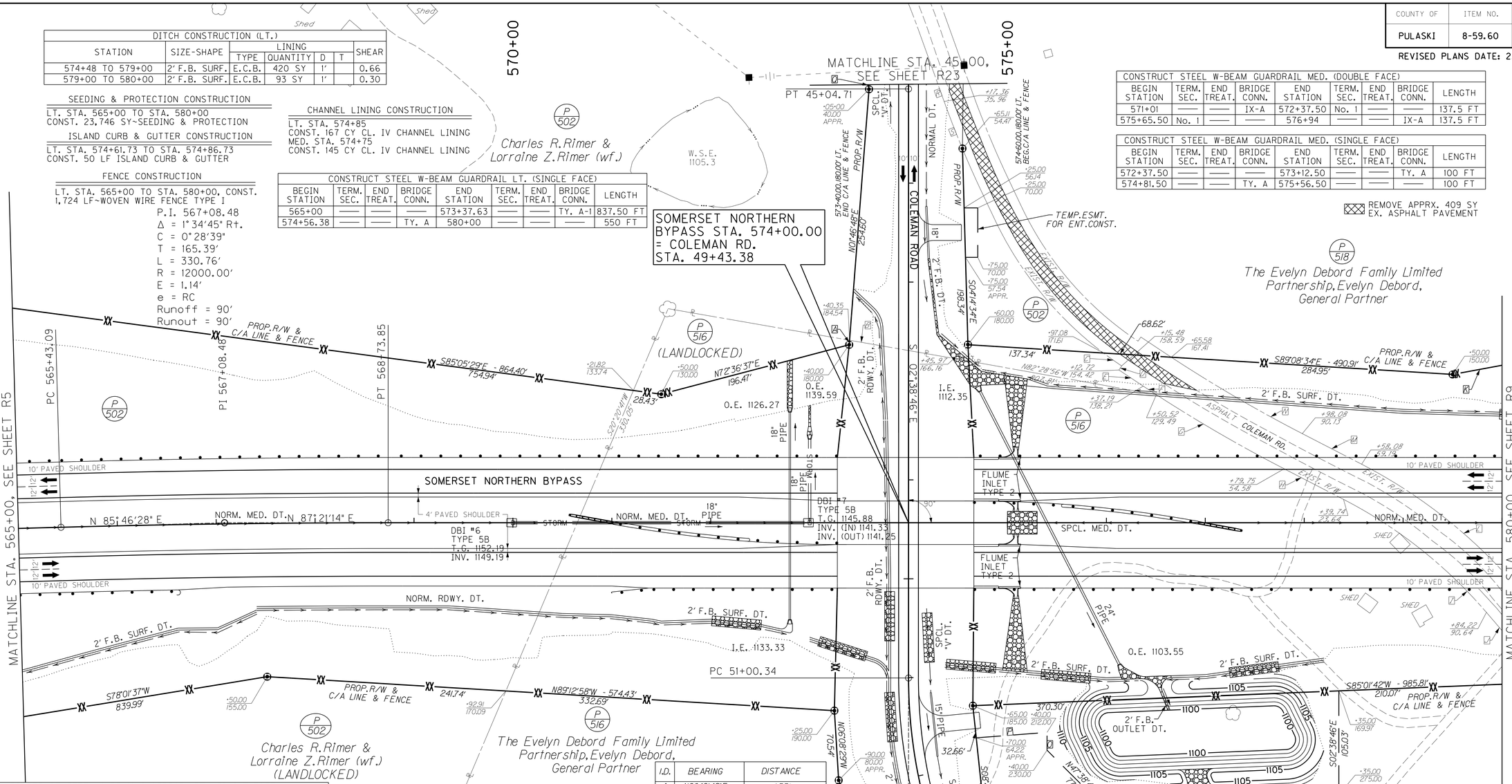
LT. STA. 574+85
CONST. 167 CY CL. IV CHANNEL LINING
MED. STA. 574+75
CONST. 145 CY CL. IV CHANNEL LINING

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
565+00	—	—	—	573+37.63	—	—	TY. A-1	837.50 FT
574+56.38	—	—	TY. A	580+00	—	—	—	550 FT

CONSTRUCT STEEL W-BEAM GUARDRAIL MED. (DOUBLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
571+01	—	—	IX-A	572+37.50	No. 1	—	—	137.5 FT
575+65.50	No. 1	—	—	576+94	—	—	IX-A	137.5 FT

CONSTRUCT STEEL W-BEAM GUARDRAIL MED. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
572+37.50	—	—	—	573+12.50	—	—	TY. A	100 FT
574+81.50	—	—	TY. A	575+56.50	—	—	—	100 FT

REMOVE APPRX. 409 SY
EX. ASPHALT PAVEMENT



CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
565+00	—	—	—	566+60	—	TY. 2A	—	162.50 FT
571+00	—	TY. 4A	—	573+37.63	—	—	TY. A	200 FT
574+56.38	—	—	TY. A-1	580+00	—	—	—	550 FT

DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
565+00 TO 567+40	2' F.B. SURF.	E.C.B.	271 SY	1.0'		0.76
567+40 TO 571+60	NORM. RDWY.	E.C.B.	511 SY	1.0'		0.28
571+60 TO 573+80	2' F.B. SURF.	CL IV	110 CY	1.0'	2'	5.94
574+37 TO 576+50	2' F.B. SURF.	CL IV	53 CY	1.0'	2'	2.14
576+50 TO 578+00	2' F.B. SURF.	CL IV	116 CY	1.0'	2'	2.13

DITCH CONSTRUCTION (MED.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
565+00 TO 570+00	NORM. MED.	E.C.B.	203 SY	1.5'		0.19
570+00 TO 573+00	NORM. MED.	E.C.B.	608 SY	1.5'		0.25
575+30 TO 576+50	SPCL. MED.	E.C.B.	244 SY	1.5'		1.05
577+40 TO 580+00	NORM. MED.	E.C.B.	528 SY	1.5'		1.05

CHANNEL LINING CONSTRUCTION

RT. STA. 574+85
CONST. 163 CY CL. IV CHANNEL LINING

ISLAND CURB & GUTTER CONSTRUCTION

RT. STA. 574+61.73 TO STA. 574+86.73
CONST. 50 LF ISLAND CURB & GUTTER

RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 9 R/W MONUMENTS~TYPE 1
AS SHOWN

FENCE CONSTRUCTION

RT. STA. 565+00 TO STA. 580+00, CONST.
1,637 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 565+00 TO STA. 580+00
CONST. 13,500 SY~SEEDING & PROTECTION

I.D.	BEARING	DISTANCE
A	N01°46'48"E	4.55'
B	N82°46'28"W	107.21'
C	ARC LENGTH = 22.54', R = 365.00' CHORD = S57°21'45"E - 22.54'	
D	S30°52'06"W	5.00'
E	S59°07'54"E	29.35'
F	ARC LENGTH = 15.93', R = 1520.00' CHORD = S59°25'54"E - 15.93'	
G	ARC LENGTH = 149.43', R = 1520.00' CHORD = S62°32'54"E - 149.37'	
H	S65°21'52"E	67.50'
I	ARC LENGTH = 185.36', R = 480.00' CHORD = S54°18'05"E - 184.21'	
J	S43°14'18"E	93.25'
K	N76°54'59"E	193.20'
L	ARC LENGTH = 200.81', R = 520.00' CHORD = N54°18'05"W - 199.56'	
M	N65°21'52"W	67.50'
N	ARC LENGTH = 153.46', R = 1480.00' CHORD = N62°23'39"W - 153.39'	
O	N02°38'46"W	18.00'
P	S82°58'29"W	71.76'
Q	N11°29'32"W	142.05'
R	S22°23'28"E	76.18'
S	ARC LENGTH = 51.22', R = 1015.00' CHORD = S23°50'12"E - 51.21'	

RIGHT OF WAY PLANS

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

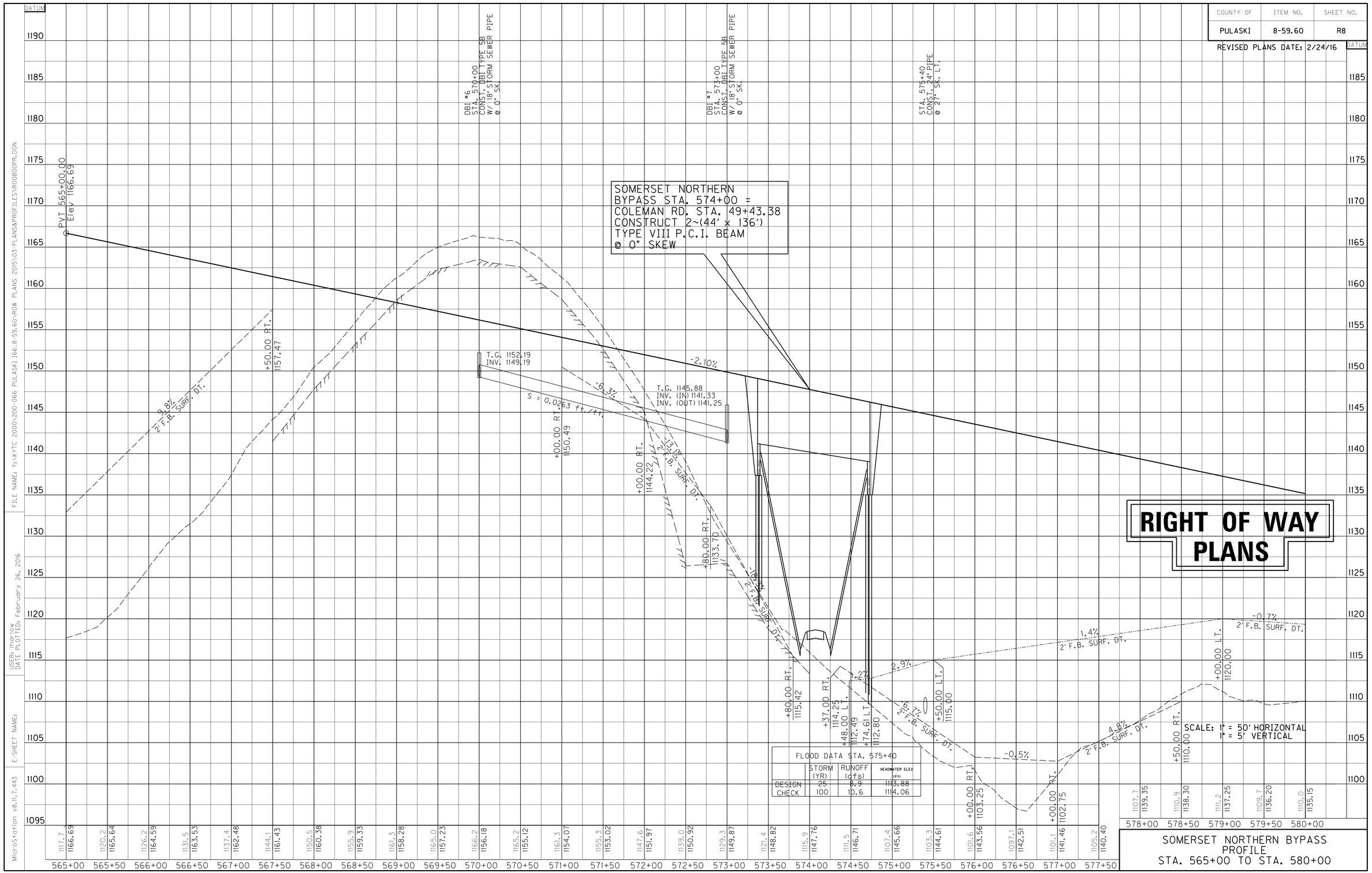
SCALE: 1"=50'

SOMERSET NORTHERN BYPASS
STA. 565+00 TO STA. 580+00

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R8

REVISED PLANS DATE: 2/24/16



FLOOD DATA STA. 575+40

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	8.9	1113.88
CHECK	100	10.6	1114.06

SOMERSET NORTHERN BYPASS
PROFILE
STA. 565+00 TO STA. 580+00

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R9

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
580+00 TO 581+94	2' F.B. SURF.	CL IV	102 CY	1.0'	2'	1.42
581+94 TO 583+00	2' F.B. SURF.	CL IV	35 CY	1.0'	2'	0.38
583+00 TO 587+50	2' F.B. SURF.	E.C.B.	186 SY	1.0'		0.43
587+50 TO 588+60	2' F.B. SURF.	CL IV	68 CY	1.0'	2'	2.26
588+60 TO 594+15	NORM 2' F.B.	E.C.B.	282 SY	1.0'		0.69
594+15 TO 595+00	NORM 2' F.B.	CL IV	19 CY	1.0'	2'	0.70

DITCH CONSTRUCTION (LT. INTERCEPTOR)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
588+50 TO 594+15	2' F.B. INT.	CL IV	79 CY	1.0'	2'	1.44
594+15 TO 594+50	2' F.B. INT.	CL IV	40 CY	1.0'	2'	0.52
594+50 TO 595+00	2' F.B. INT.	CL IV	6 CY	1.0'	2'	0.59

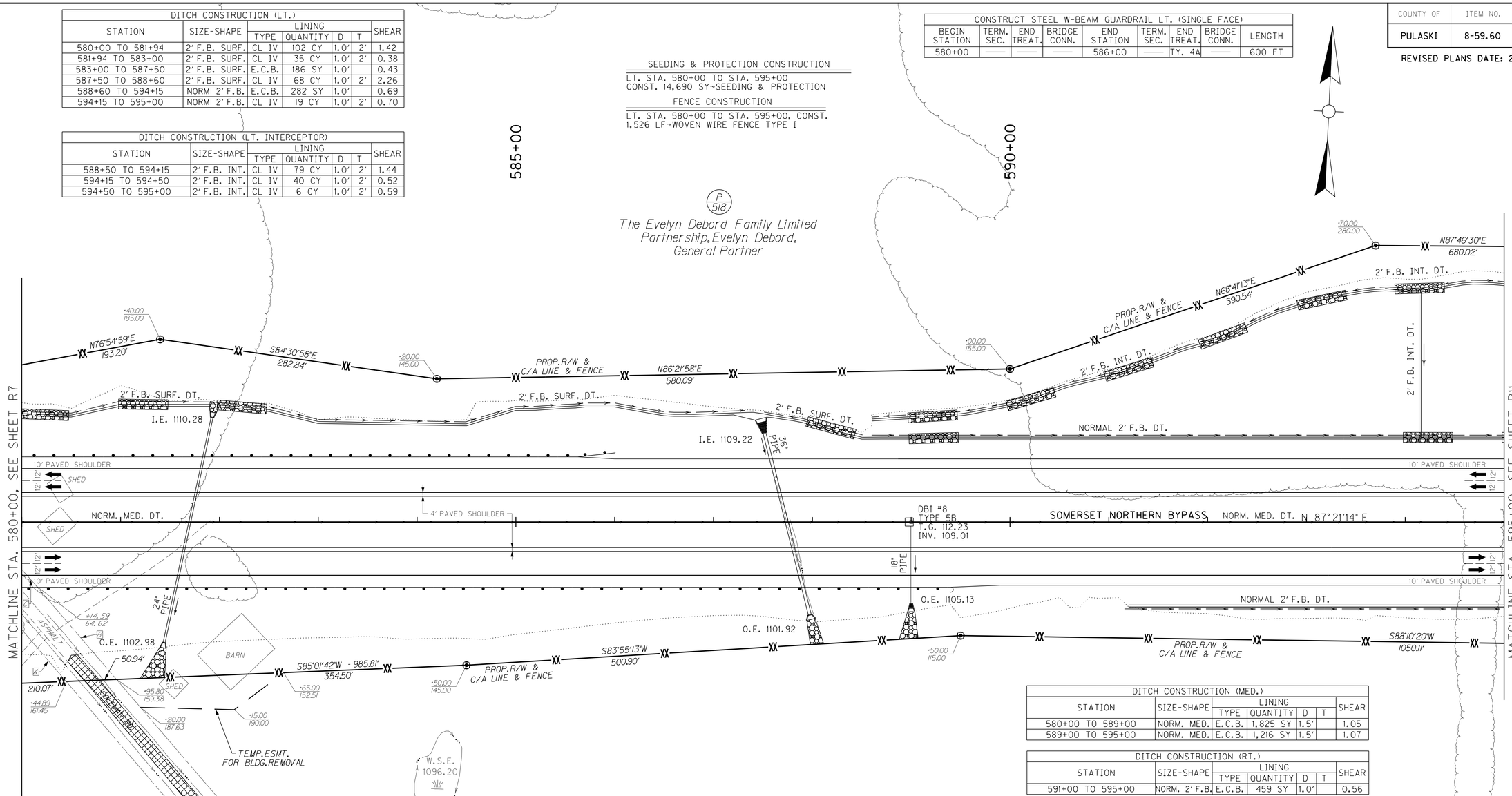
SEEDING & PROTECTION CONSTRUCTION

LT. STA. 580+00 TO STA. 595+00
CONST. 14,690 SY~SEEDING & PROTECTION

FENCE CONSTRUCTION

LT. STA. 580+00 TO STA. 595+00, CONST.
1,526 LF~WOVEN WIRE FENCE TYPE I

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
580+00	——	——	——	586+00	——	TY. 4A	——	600 FT



DITCH CONSTRUCTION (MED.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
580+00 TO 589+00	NORM. MED.	E.C.B.	1,825 SY	1.5'		1.05
589+00 TO 595+00	NORM. MED.	E.C.B.	1,216 SY	1.5'		1.07

DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
591+00 TO 595+00	NORM. 2' F.B.	E.C.B.	459 SY	1.0'		0.56

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
580+00	——	——	——	589+40	——	TY. 2A	——	937.50 FT

FENCE CONSTRUCTION

RT. STA. 580+00 TO STA. 595+00, CONST.
1,503 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 580+00 TO STA. 595+00
CONST. 10,088 SY~SEEDING & PROTECTION

RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 8 R/W MONUMENTS~TYPE 1
AS SHOWN

P 516
The Evelyn Debord Family Limited Partnership, Evelyn Debord, General Partner

P 518
The Evelyn Debord Family Limited Partnership, Evelyn Debord, General Partner

I.D.	BEARING	DISTANCE
A	S43°14'18"E	93.25'
B	N43°14'18"W	124.80'
C	ARC LENGTH = 200.81', R = 520.00' CHORD = N54°18'05"W - 199.56'	

REMOVE APPRX. 341 SY EX. ASPHALT PAVEMENT

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

SCALE: 1"=50'

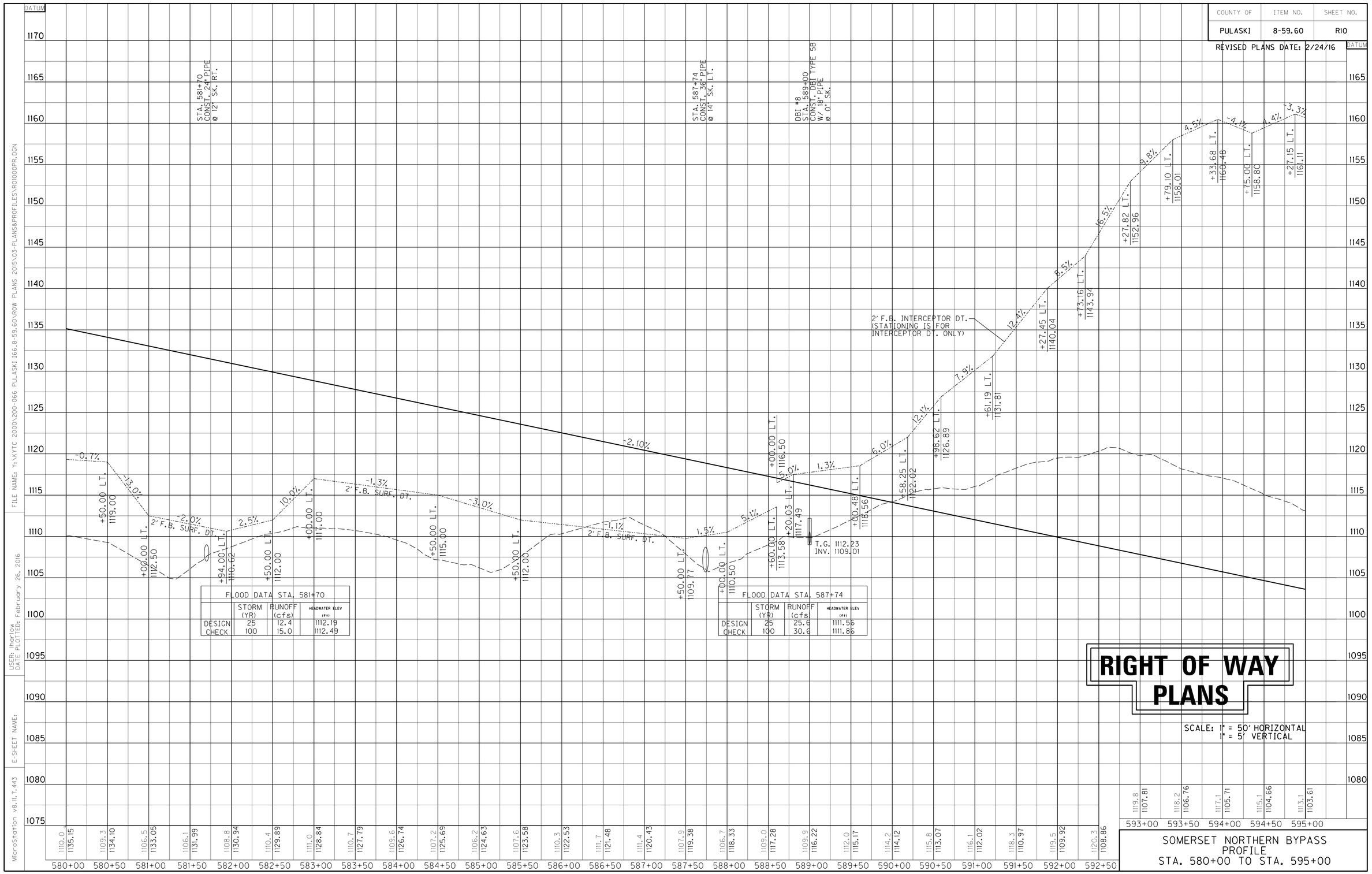
RIGHT OF WAY PLANS

SOMERSET NORTHERN BYPASS
STA. 580+00 TO STA. 595+00

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R10

REVISED PLANS DATE: 2/24/16



FLOOD DATA STA. 581+70

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	12.4	1112.19
CHECK	100	15.0	1112.49

FLOOD DATA STA. 587+74

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	25.6	1111.56
CHECK	100	30.6	1111.86

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R11

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

DITCH CONSTRUCTION (LT. INTERCEPTOR)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
595+00 TO 596+00	2' F.B. INT.	CL IV	13 CY	1'	2'	0.59
596+00 TO 596+75	2' F.B. INT.	CL IV	26 CY	1'	2'	0.82
596+75 TO 598+25	2' F.B. INT.	CL IV	40 CY	1'	2'	1.16
598+25 TO 599+25	2' F.B. INT.	CL IV	13 CY	1'	2'	2.43
599+25 TO 600+00	2' F.B. INT.	CL IV	13 CY	1'	2'	0.44
600+00 TO 600+15	2' F.B. INT.	CL IV	8 CY	1'	2'	0.35
600+15 TO 600+75	2' F.B. INT.	CL IV	6 CY	1'	2'	1.29
600+75 TO 603+75	2' F.B. INT.	CL IV	53 CY	1'	2'	1.76
603+75 TO 604+00	2' F.B. INT.	CL IV	14 CY	1'	2'	0.59
604+00 TO 605+00	2' F.B. INT.	CL IV	13 CY	1'	2'	0.09
605+00 TO 606+00	2' F.B. INT.	CL IV	53 CY	1'	2'	7.11
606+00 TO 607+00	2' F.B. INT.	CL IV	26 CY	1'	2'	1.70
607+00 TO 608+50	2' F.B. INT.	CL IV	79 CY	1'	2'	1.15
608+50 TO 609+50	2' F.B. INT.	CL IV	26 CY	1'	2'	0.41
609+50 TO 610+00	2' F.B. INT.	CL IV	26 CY	1'	2'	0.91

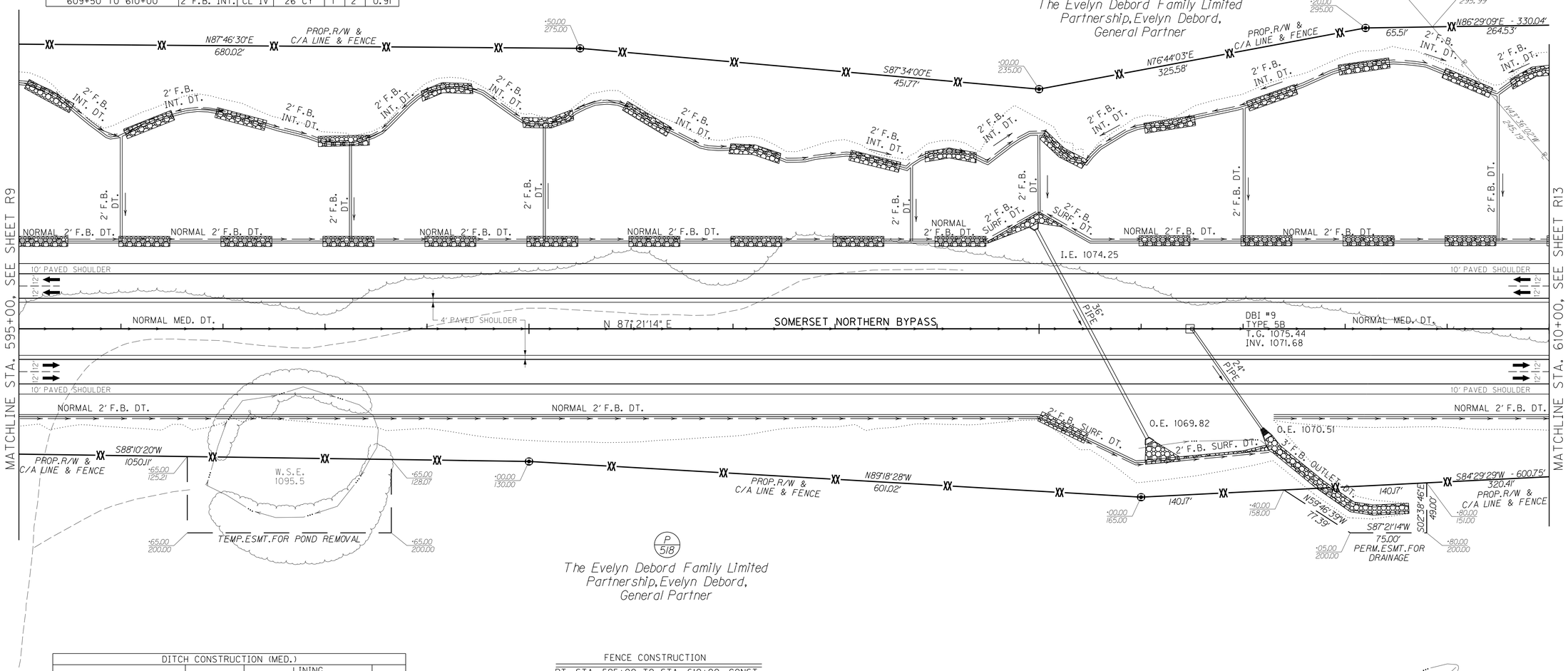
DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
595+00 TO 596+00	NORM. 2' F.B.	E.C.B.	36 SY	1.0'		0.68
596+00 TO 598+25	NORM. 2' F.B.	CL IV	19 CY	1.0'	2'	1.05
598+25 TO 600+15	NORM. 2' F.B.	CL IV	320 CY	1.5'	2'	1.68
600+15 TO 603+75	NORM. 2' F.B.	CL IV	44 CY	2'	2'	6.48
603+75 TO 604+50	NORM. 2' F.B.	CL IV	44 CY	1.0'	2'	0.75
604+50 TO 605+00	2' F.B. SURF.	CL IV	44 CY	1.0'	2'	0.75
605+00 TO 605+50	2' F.B. SURF.	CL IV	44 CY	1.0'	2'	0.75
605+50 TO 607+00	NORM. 2' F.B.	E.C.B.	78 SY	1.0'		0.74
607+00 TO 609+50	NORM. 2' F.B.	CL IV	0 CY	1.0'	2'	1.06
609+50 TO 610+00	NORM. 2' F.B.	CL IV	0 CY	1.0'	2'	1.06

FENCE CONSTRUCTION

LT. STA. 595+00 TO STA. 610+00, CONST.
1,519 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 595+00 TO STA. 610+00
CONST. 26,155 SY~SEEDING & PROTECTION



P 518
The Evelyn Debord Family Limited Partnership, Evelyn Debord, General Partner

DITCH CONSTRUCTION (MED.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
595+00 TO 606+50	NORM. MED.	E.C.B.	2,332 SY	1.5'		1.07
606+50 TO 610+00	NORM. MED.	E.C.B.	710 SY	1.5'		1.05

DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
595+00 TO 605+00	NORM. 2' F.B.	E.C.B.	229 SY	1.0'		0.56
605+00 TO 606+05	2' F.B. SURF.	CL IV	74 CY	1.5'	2'	6.62
606+05 TO 607+25	NORM. 2' F.B.	CL IV	161 CY	2.0'	2'	0.61
607+38 TO 610+00	NORM. 2' F.B.	E.C.B.	329 SY	1.0'		0.71
607+38 TO 608+62	3' F.B. OUTLET	CL IV	329 SY	1.0'	2'	0.71

FENCE CONSTRUCTION

RT. STA. 595+00 TO STA. 610+00, CONST.
1,506 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 595+00 TO STA. 610+00
CONST. 7,931 SY~SEEDING & PROTECTION

RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 7 R/W MONUMENTS~TYPE I
AS SHOWN

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

RIGHT OF WAY PLANS

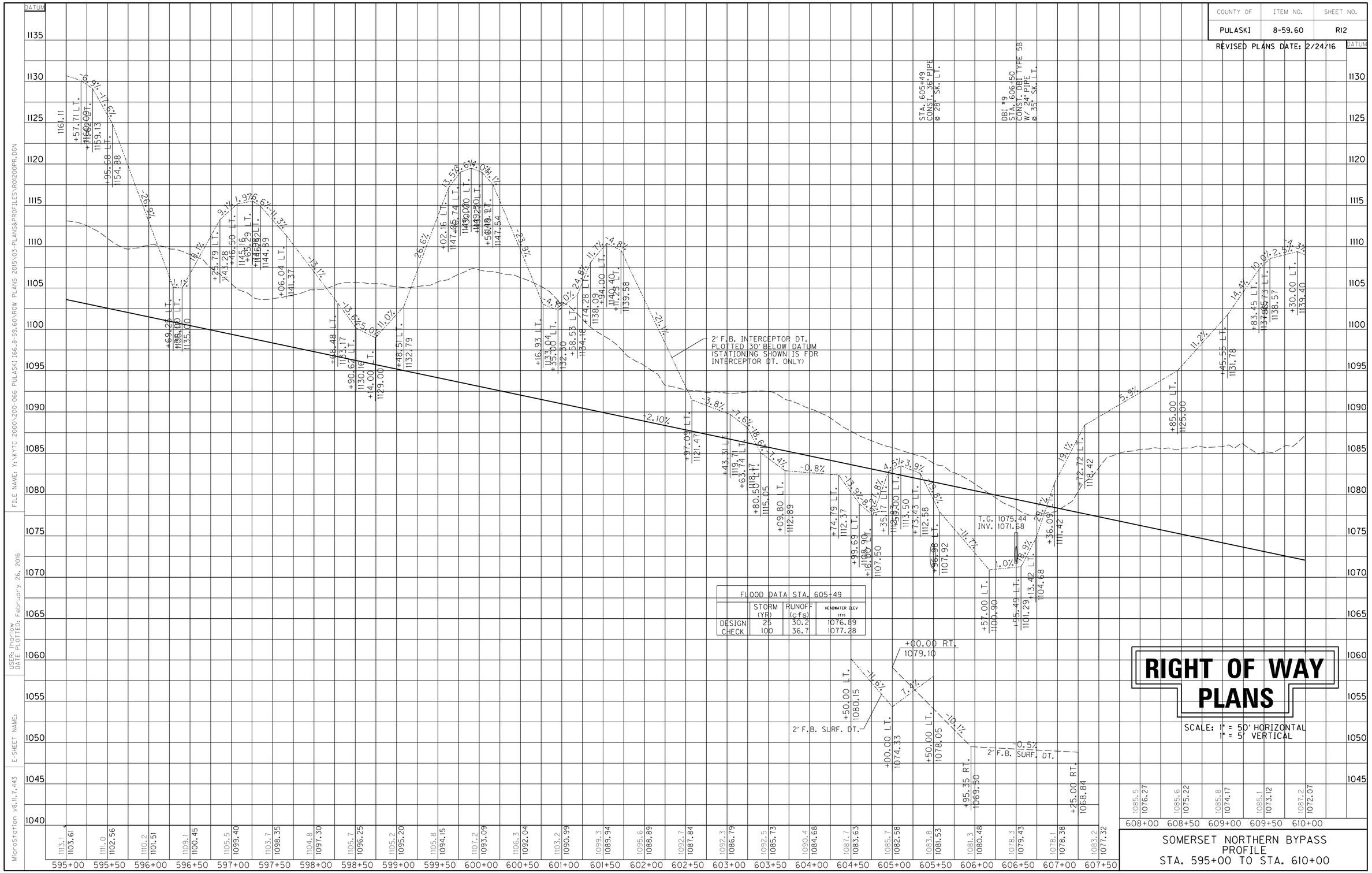
SCALE: 1"=50'

SOMERSET NORTHERN BYPASS
STA. 595+00 TO STA. 610+00

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R12

REVISED PLANS DATE: 2/24/16



I.D.	BEARING	DISTANCE
A	N09°12'14"W	172.90'

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
619+50	——	TY. 2A	——	625+00	——	——	——	550 FT

DITCH CONSTRUCTION (LT. INTERCEPTOR)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
610+00 TO 611+00	2' F.B. INT.	CL IV	53 CY	1'	2'	0.91

DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
610+00 TO 611+50	NORM "V"	CL IV	0 CY			1.06
611+50 TO 619+00	NORM 2' F.B.	CL IV	259 CY	1.0'	2'	1.21
619+00 TO 620+00	3' F.B.	CL IV	76 CY	1.0'	2'	4.72
620+00 TO 621+00	3' F.B.	CL IV	102 CY	1.5'	2'	2.10
621+00 TO 623+00	3' F.B.	CL IV	256 CY	2'	2'	2.09
623+00 TO 625+00	2' F.B.	CL IV	136 CY	1'	2'	1.05

FENCE CONSTRUCTION

LT. STA. 610+00 TO STA. 625+00, CONST.
1,611 LF~WOVEN WIRE FENCE TYPE I

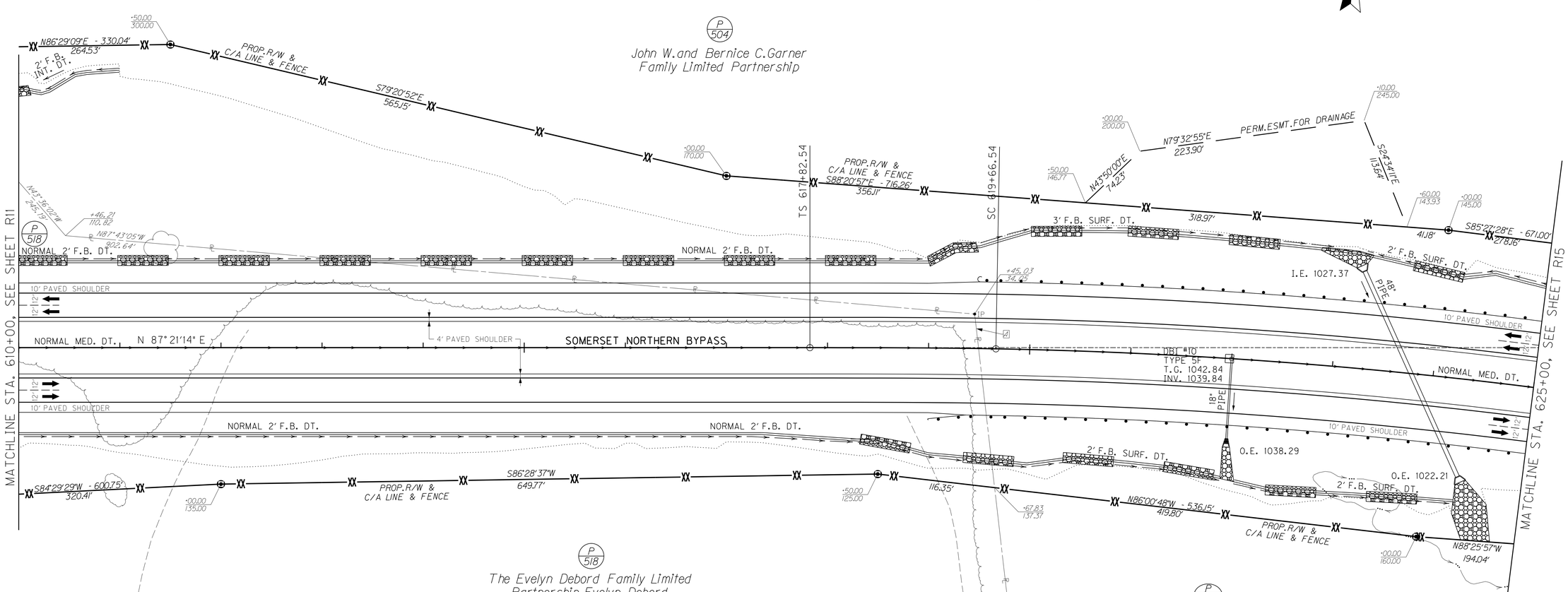
SEEDING & PROTECTION CONSTRUCTION

LT. STA. 610+00 TO STA. 625+00
CONST. 17,040 SY~SEEDING & PROTECTION

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R13

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE



DITCH CONSTRUCTION (MED.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
610+00 TO 622+00	NORM. MED.	E.C.B.	2,433 SY	1.5'		1.05
622+00 TO 625+00	NORM. MED.	E.C.B.	608 SY	1.5'		0.92

DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
610+00 TO 618+50	NORM. 2' F.B.	E.C.B.	883 SY	1.0'		0.71
618+50 TO 621+00	2' F.B. SURF.	CL IV	119 CY	1.0'	2'	3.08
621+00 TO 622+00	2' F.B. SURF.	CL IV	94 CY	1.5'	2'	3.37
622+00 TO 623+00	2' F.B. SURF.	CL IV	94 CY	1.5'	2'	3.00
623+00 TO 624+50	2' F.B. SURF.	CL IV	141 CY	1.5'	2'	1.33

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
619+00	——	TY. 4A	——	625+00	——	——	——	600 FT

FENCE CONSTRUCTION

RT. STA. 610+00 TO STA. 625+00, CONST.
1,548 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 610+00 TO STA. 625+00
CONST. 8,785 SY~SEEDING & PROTECTION

RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 8 R/W MONUMENTS~TYPE 1
AS SHOWN

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

RIGHT OF WAY PLANS

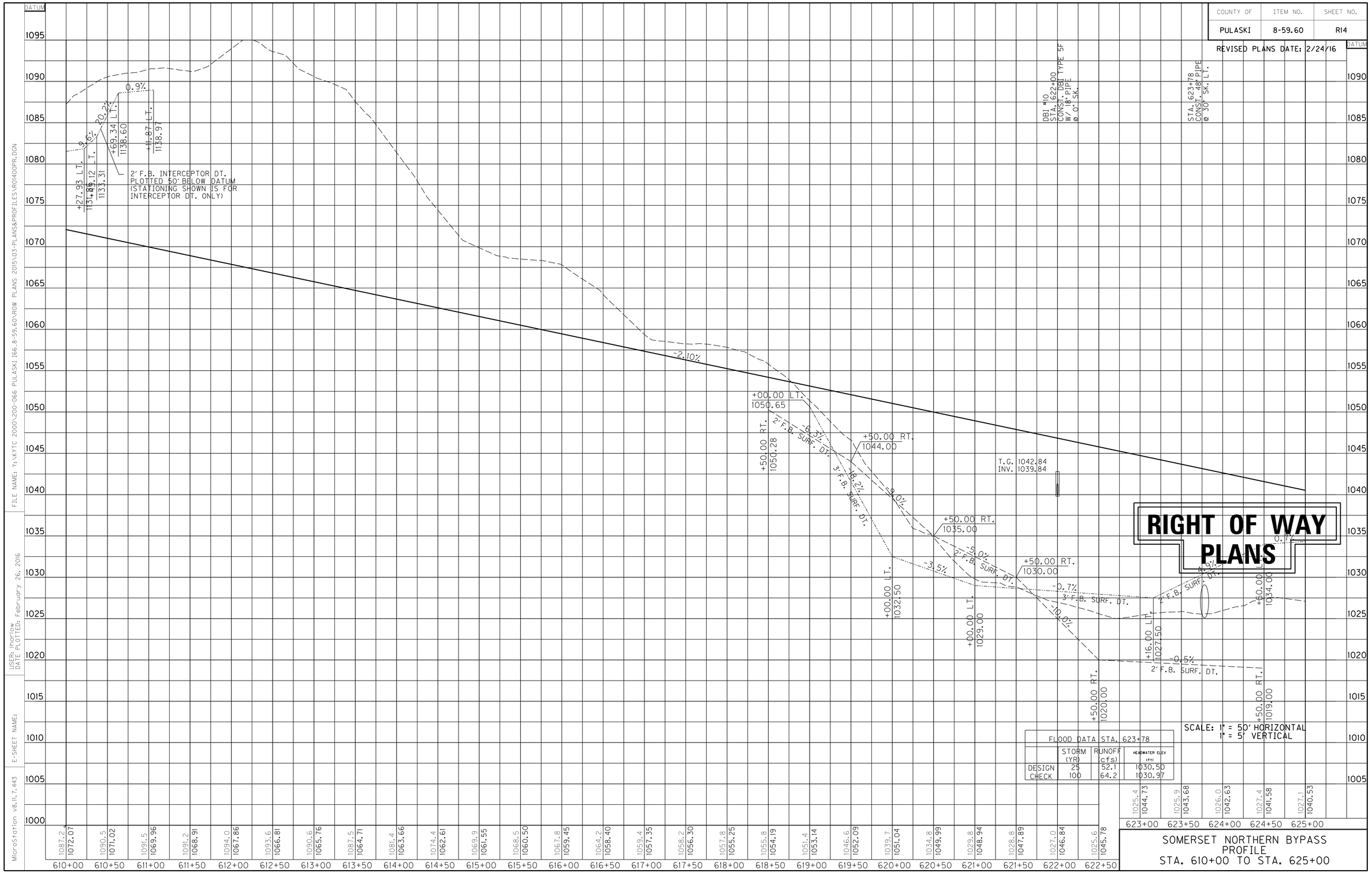
SCALE: 1"=50'

SOMERSET NORTHERN BYPASS
STA. 610+00 TO STA. 625+00

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R14

REVISED PLANS DATE: 2/24/16



FLOOD DATA STA. 623+78			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	52.1	1030.50
CHECK	100	64.2	1030.97

SOMERSET NORTHERN BYPASS
PROFILE
STA. 610+00 TO STA. 625+00

FILE NAME: Y:\KYTC 2000\200-066 PULASKI 166.8-59.60\ROW PLANS 2015\03-PLANS&PROFILES\R0140OPR.DGN

USER: lharlow
DATE PLOTTED: February 26, 2016

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R15

REVISED PLANS DATE: 2/24/16

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
625+00	——	——	——	625+50	——	TY. 4A	——	50 FT

DITCH CONSTRUCTION (LT. INTERCEPTOR)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
630+00 TO 631+50	2' F.B. INT.	CL IV	79 CY	1'	2'	0.18
631+50 TO 632+00	2' F.B. INT.	CL IV	26 CY	1'	2'	0.31
632+00 TO 633+50	2' F.B. INT.	CL IV	79 CY	1'	2'	1.66
633+50 TO 635+50	2' F.B. INT.	CL IV	106 CY	1'	2'	0.68

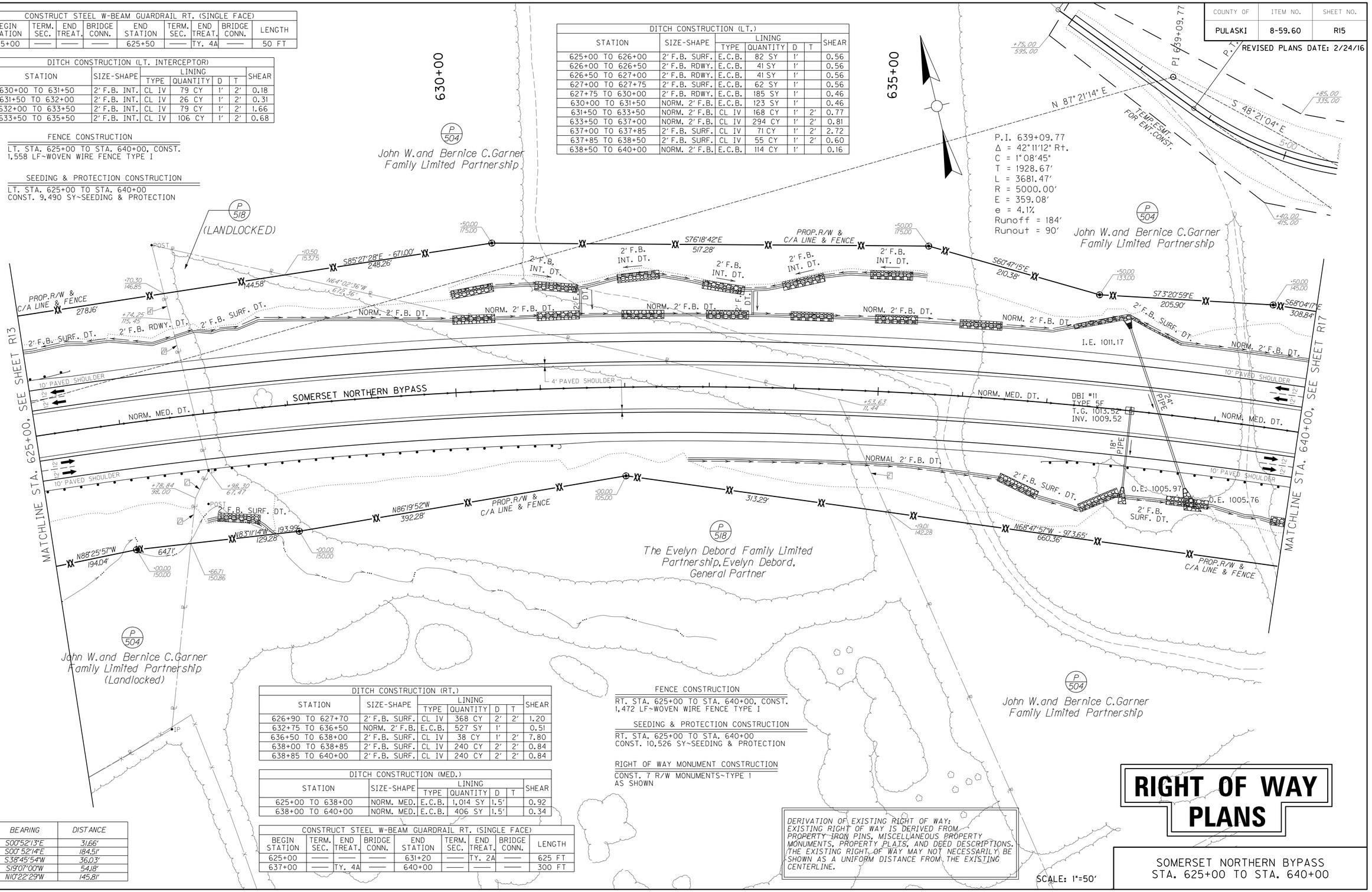
FENCE CONSTRUCTION

LT. STA. 625+00 TO STA. 640+00, CONST.
1,558 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 625+00 TO STA. 640+00
CONST. 9,490 SY~SEEDING & PROTECTION

DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
625+00 TO 626+00	2' F.B. SURF.	E.C.B.	82 SY	1'		0.56
626+00 TO 626+50	2' F.B. RDWY.	E.C.B.	41 SY	1'		0.56
626+50 TO 627+00	2' F.B. RDWY.	E.C.B.	41 SY	1'		0.56
627+00 TO 627+75	2' F.B. SURF.	E.C.B.	62 SY	1'		0.56
627+75 TO 630+00	2' F.B. RDWY.	E.C.B.	185 SY	1'		0.46
630+00 TO 631+50	NORM. 2' F.B.	E.C.B.	123 SY	1'		0.46
631+50 TO 633+50	NORM. 2' F.B.	CL IV	168 CY	1'	2'	0.77
633+50 TO 637+00	NORM. 2' F.B.	CL IV	294 CY	1'	2'	0.81
637+00 TO 637+85	2' F.B. SURF.	CL IV	71 CY	1'	2'	2.72
637+85 TO 638+50	2' F.B. SURF.	CL IV	55 CY	1'	2'	0.60
638+50 TO 640+00	NORM. 2' F.B.	E.C.B.	114 CY	1'		0.16



DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
626+90 TO 627+70	2' F.B. SURF.	CL IV	368 CY	2'	2'	1.20
632+75 TO 636+50	NORM. 2' F.B.	E.C.B.	527 SY	1'		0.51
636+50 TO 638+00	2' F.B. SURF.	CL IV	38 CY	1'	2'	7.80
638+00 TO 638+85	2' F.B. SURF.	CL IV	240 CY	2'	2'	0.84
638+85 TO 640+00	2' F.B. SURF.	CL IV	240 CY	2'	2'	0.84

DITCH CONSTRUCTION (MED.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
625+00 TO 638+00	NORM. MED.	E.C.B.	1,014 SY	1.5'		0.92
638+00 TO 640+00	NORM. MED.	E.C.B.	406 SY	1.5'		0.34

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
625+00	——	——	——	631+20	——	TY. 2A	——	625 FT
637+00	——	TY. 4A	——	640+00	——	——	——	300 FT

FENCE CONSTRUCTION

RT. STA. 625+00 TO STA. 640+00, CONST.
1,472 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 625+00 TO STA. 640+00
CONST. 10,526 SY~SEEDING & PROTECTION

RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 7 R/W MONUMENTS~TYPE 1
AS SHOWN

I.D.	BEARING	DISTANCE
A	S00°52'13"E	31.66'
B	S00°52'14"E	184.51'
C	S38°45'54"W	36.03'
D	S19°07'00"W	54.18'
E	N10°22'29"W	145.81'

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

SCALE: 1"=50'

RIGHT OF WAY PLANS

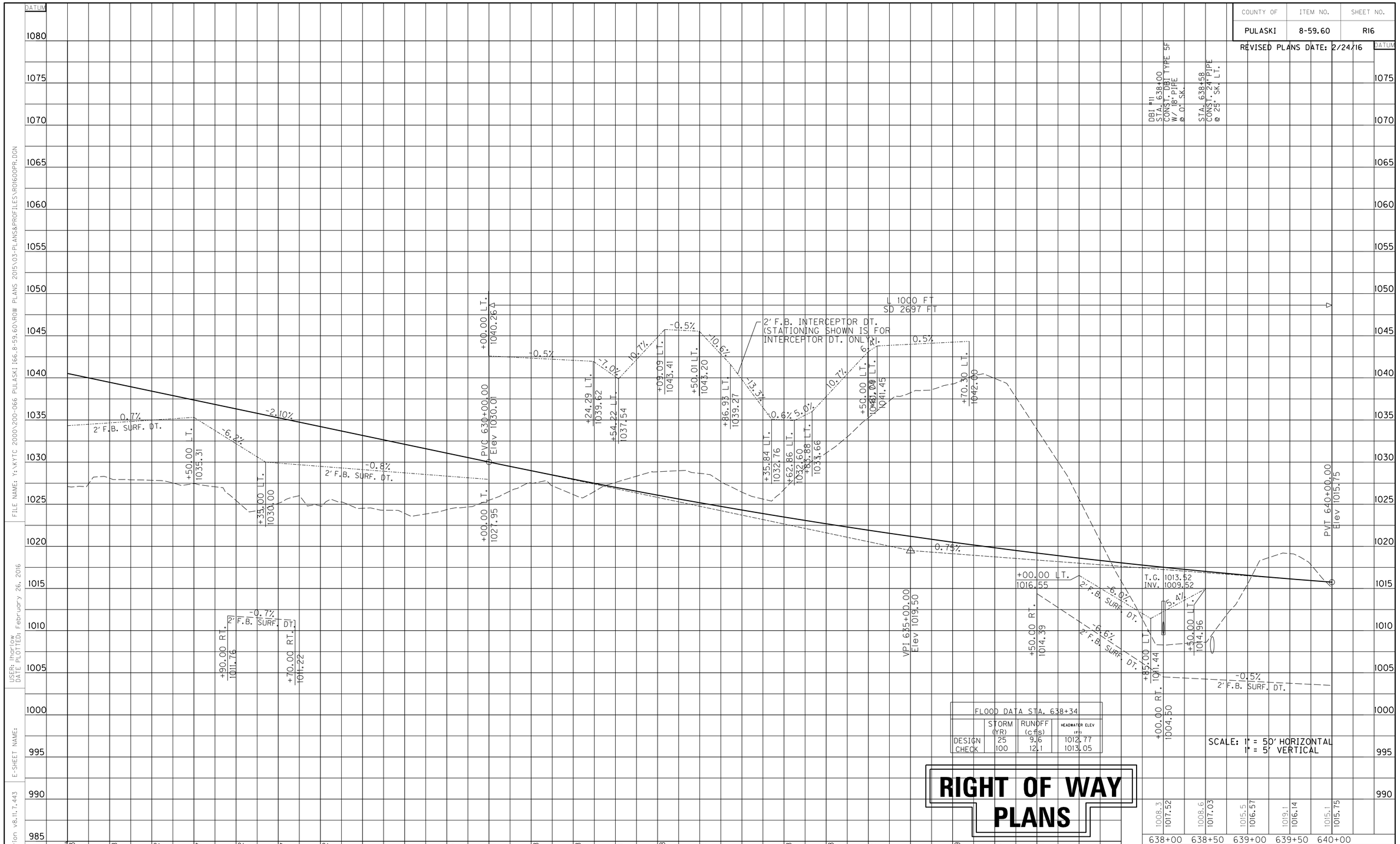
SOMERSET NORTHERN BYPASS
STA. 625+00 TO STA. 640+00

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R16

REVISED PLANS DATE: 2/24/16



FLOOD DATA STA. 638+34			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	9.6	1012.77
CHECK	100	12.1	1013.05

SOMERSET NORTHERN BYPASS
PROFILE
STA. 625+00 TO STA. 640+00

FILE NAME: Y:\KYTC 2000\200-066 PULASKI 166.8-59.60\ROW PLANS 2015\03-PLANS&PROFILES\R0160OPR.DGN

USER: lharlow
DATE PLOTTED: February 26, 2016

E-SHEET NAME:

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R17

REVISED PLANS DATE: 2/24/16

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
642+00	——	TY. 2A	——	647+00	——	TY. 4A		500 FT

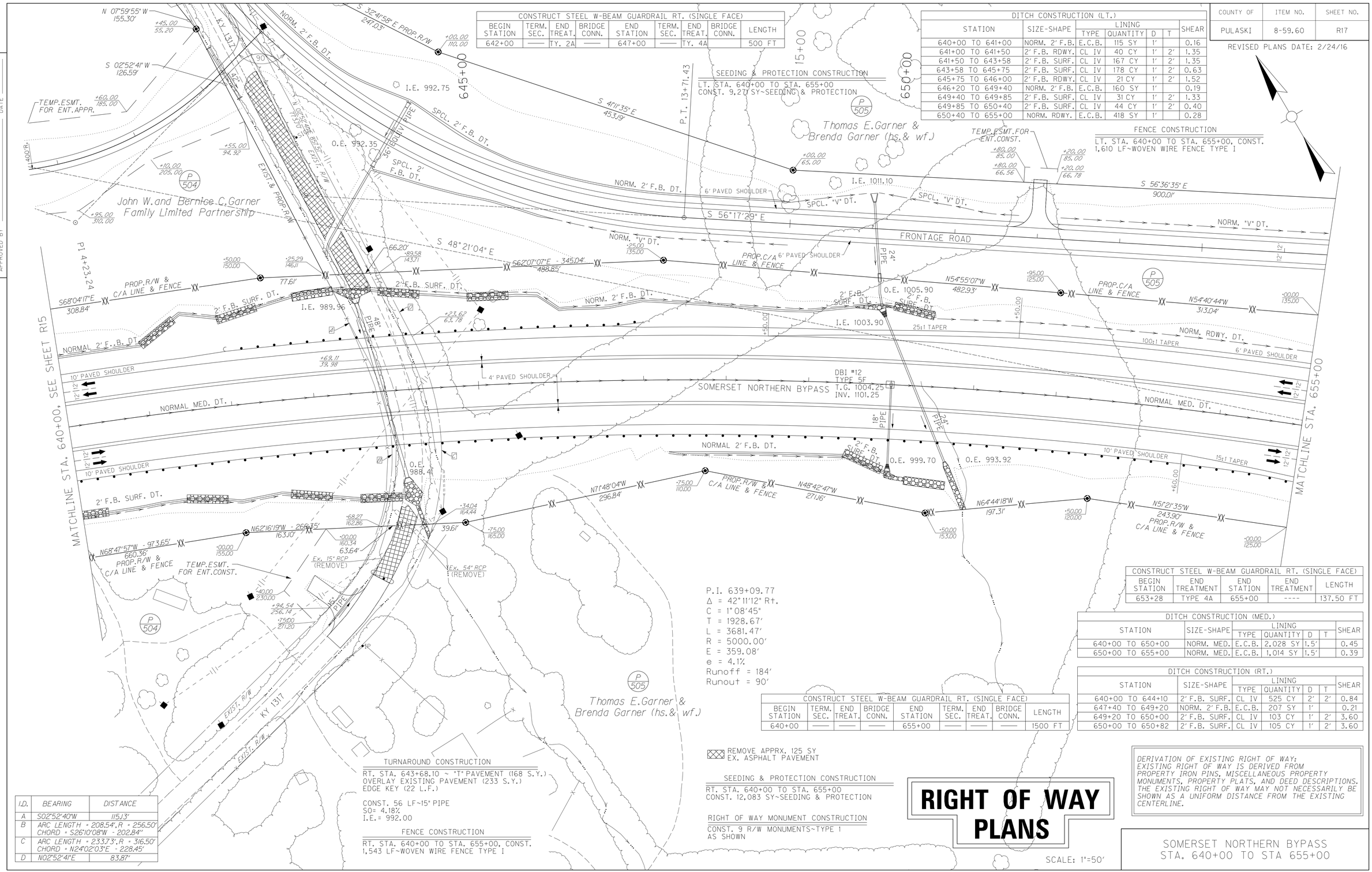
DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
640+00 TO 641+00	NORM. 2' F.B.	E.C.B.	115 SY	1'		0.16
641+00 TO 641+50	2' F.B. RDWY.	CL IV	40 CY	1'	2'	1.35
641+50 TO 643+58	2' F.B. SURF.	CL IV	167 CY	1'	2'	1.35
643+58 TO 645+75	2' F.B. SURF.	CL IV	178 CY	1'	2'	0.63
645+75 TO 646+00	2' F.B. RDWY.	CL IV	21 CY	1'	2'	1.52
646+20 TO 649+40	NORM. 2' F.B.	E.C.B.	160 SY	1'		0.19
649+40 TO 649+85	2' F.B. SURF.	CL IV	31 CY	1'	2'	1.33
649+85 TO 650+40	2' F.B. SURF.	CL IV	44 CY	1'	2'	0.40
650+40 TO 655+00	NORM. RDWY.	E.C.B.	418 SY	1'		0.28

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 640+00 TO STA. 655+00
CONST. 9.27 SY~SEEDING & PROTECTION

FENCE CONSTRUCTION

LT. STA. 640+00 TO STA. 655+00, CONST.
1,610 LF~WOVEN WIRE FENCE TYPE I



CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)				
BEGIN STATION	END TREATMENT	END STATION	END TREATMENT	LENGTH
653+28	TYPE 4A	655+00	----	137.50 FT

DITCH CONSTRUCTION (MED.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
640+00 TO 650+00	NORM. MED.	E.C.B.	2,028 SY	1.5'		0.45
650+00 TO 655+00	NORM. MED.	E.C.B.	1,014 SY	1.5'		0.39

DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
640+00 TO 644+10	2' F.B. SURF.	CL IV	525 CY	2'	2'	0.84
647+40 TO 649+20	NORM. 2' F.B.	E.C.B.	207 SY	1'		0.21
649+20 TO 650+00	2' F.B. SURF.	CL IV	103 CY	1'	2'	3.60
650+00 TO 650+82	2' F.B. SURF.	CL IV	105 CY	1'	2'	3.60

P.I. 639+09.77
Δ = 42°11'12" Rt.
C = 1°08'45"
T = 1928.67'
L = 3681.47'
R = 5000.00'
E = 359.08'
e = 4.1%
Runoff = 184'
Runout = 90'

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)								
BEGIN STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	END STATION	TERM. SEC.	END TREAT.	BRIDGE CONN.	LENGTH
640+00	——	——	——	655+00	——	——	——	1500 FT

REMOVE APPRX. 125 SY
EX. ASPHALT PAVEMENT

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 640+00 TO STA. 655+00
CONST. 12,083 SY~SEEDING & PROTECTION

RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 9 R/W MONUMENTS~TYPE I
AS SHOWN

TURNAROUND CONSTRUCTION

RT. STA. 643+68.10 ~ "T" PAVEMENT (168 S.Y.)
OVERLAY EXISTING PAVEMENT (233 S.Y.)
EDGE KEY (22 L.F.)

CONST. 56 LF~15" PIPE
SO= 4.18%
I.E.= 992.00

FENCE CONSTRUCTION

RT. STA. 640+00 TO STA. 655+00, CONST.
1,543 LF~WOVEN WIRE FENCE TYPE I

I.D.	BEARING	DISTANCE
A	S02°52'40"W	115.13'
B	ARC LENGTH = 208.54'.R = 256.50' CHORD = S26°10'08"W - 202.84"	
C	ARC LENGTH = 233.73'.R = 316.50' CHORD = N24°02'03"E - 228.45'	
D	N02°52'41"E	83.87'

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

RIGHT OF WAY PLANS

SCALE: 1"=50'

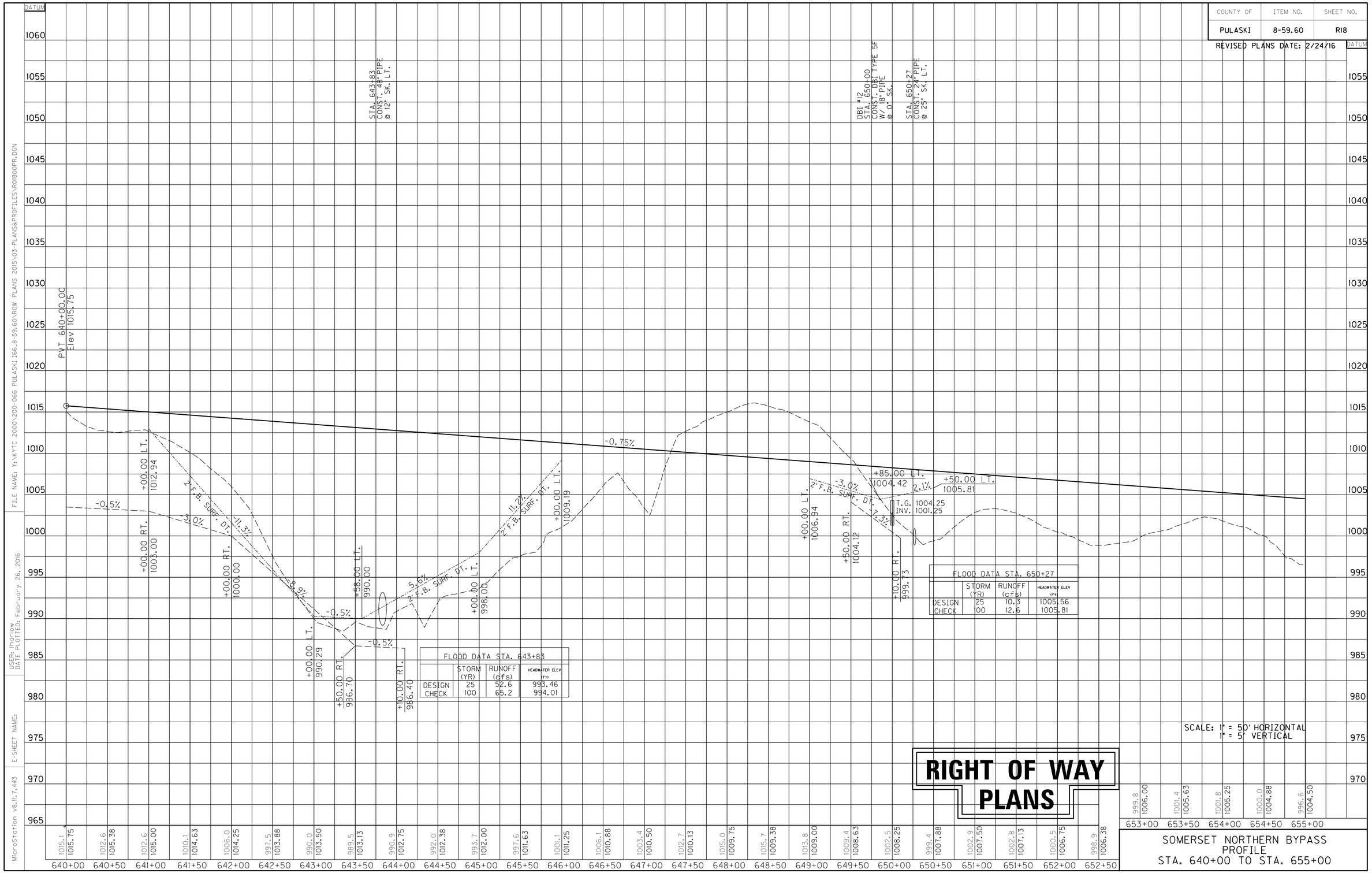
SOMERSET NORTHERN BYPASS
STA. 640+00 TO STA 655+00

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R18

REVISED PLANS DATE: 2/24/16



FLOOD DATA STA. 643+83

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	52.6	993.46
CHECK	100	65.2	994.01

FLOOD DATA STA. 650+27

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	25	10.3	1005.56
CHECK	100	12.6	1005.81

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

RIGHT OF WAY PLANS

SOMERSET NORTHERN BYPASS
PROFILE
STA. 640+00 TO STA. 655+00

FILE NAME: Y:\KYTC 2000\200-066 PULASKI 166.8-59.60\ROW PLANS 2015\03-PLANS&PROFILES\R01800PRL.DGN
USER: lharlow
DATE PLOTTED: February 26, 2016
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
Pulaski	8-59.60	R19

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
659+00	-	2A	659+50	-	-	50 FT

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
655+00 to 657+50	NORM 2' F.B.	E.C.B.	425 SY	1.5'	—
657+50 to 658+50	SPCL. 2' F.B.	E.C.B.	192 SY	1.5'	—
658+50 to 659+50	SPCL. 2' F.B.	CL. IV	47 CY	1.0'	1.25'
663+00 to 664+50	SPCL. 'V'	E.C.B.	171 SY	1.5'	—
664+50 to 666+00	SPCL. 2' F.B.	CL. IV	113 CY	1.0'	1.25'
666+00 to 668+00	2' F.B. SURF.	CL. IV	124 CY	1.0'	2.0'
668+00 to 670+00	2' F.B. SURF.	CL. IV	92 CY	1.25'	1.25'
668+30	2' F.B. OUTLET	CL. IV	4 CY	1.0'	1.25'
655+00 to 667+00 (MEDIAN)	NORM. 'V'	E.C.B.	2433 SY	1.5'	—
667+00 to 670+00 (MEDIAN)	SPCL. 'V'	E.C.B.	609 SY	1.5'	—

E.C.B.~EROSION CONTROL BLANKET

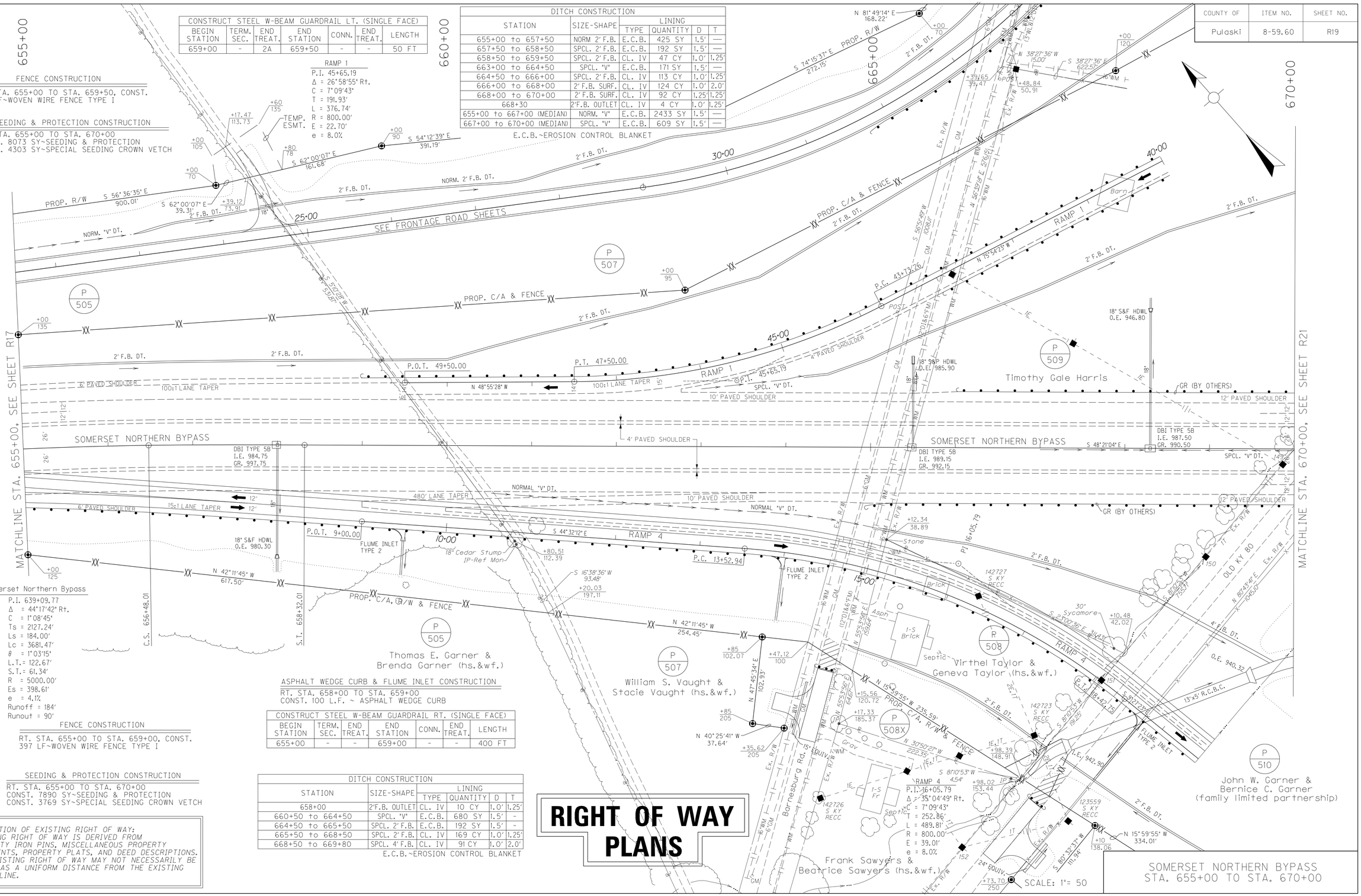
FENCE CONSTRUCTION

LT. STA. 655+00 TO STA. 659+50, CONST. 458 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 655+00 TO STA. 670+00
CONST. 8073 SY~SEEDING & PROTECTION
CONST. 4303 SY~SPECIAL SEEDING CROWN VETCH

RAMP 1
P.I. 45+65.19
Δ = 26°58'55" Rt.
C = 7°09'43"
T = 191.93'
L = 376.74'
R = 800.00'
E = 22.70'
e = 8.0%



Somerset Northern Bypass
P.I. 639+09.77
Δ = 44°17'42" Rt.
C = 1°08'45"
Ts = 2127.24'
Ls = 184.00'
Lc = 3681.47'
θ = 1°03'15"
L.T.= 122.67'
S.T.= 61.34'
R = 5000.00'
Es = 398.61'
e = 4.1%
Runoff = 184'
Runout = 90'

FENCE CONSTRUCTION

RT. STA. 655+00 TO STA. 659+00, CONST. 397 LF~WOVEN WIRE FENCE TYPE I

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 655+00 TO STA. 670+00
CONST. 7890 SY~SEEDING & PROTECTION
CONST. 3769 SY~SPECIAL SEEDING CROWN VETCH

ASPHALT WEDGE CURB & FLUME INLET CONSTRUCTION

RT. STA. 658+00 TO STA. 659+00
CONST. 100 L.F. ~ ASPHALT WEDGE CURB

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
655+00	-	-	659+00	-	-	400 FT

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
658+00	2' F.B. OUTLET	CL. IV	10 CY	1.0'	1.25'
660+50 to 664+50	SPCL. 'V'	E.C.B.	680 SY	1.5'	-
664+50 to 665+50	SPCL. 2' F.B.	E.C.B.	192 SY	1.5'	-
665+50 to 668+50	SPCL. 2' F.B.	CL. IV	169 CY	1.0'	1.25'
668+50 to 669+80	SPCL. 4' F.B.	CL. IV	91 CY	1.0'	2.0'

E.C.B.~EROSION CONTROL BLANKET

DERIVATION OF EXISTING RIGHT OF WAY: EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

RIGHT OF WAY PLANS

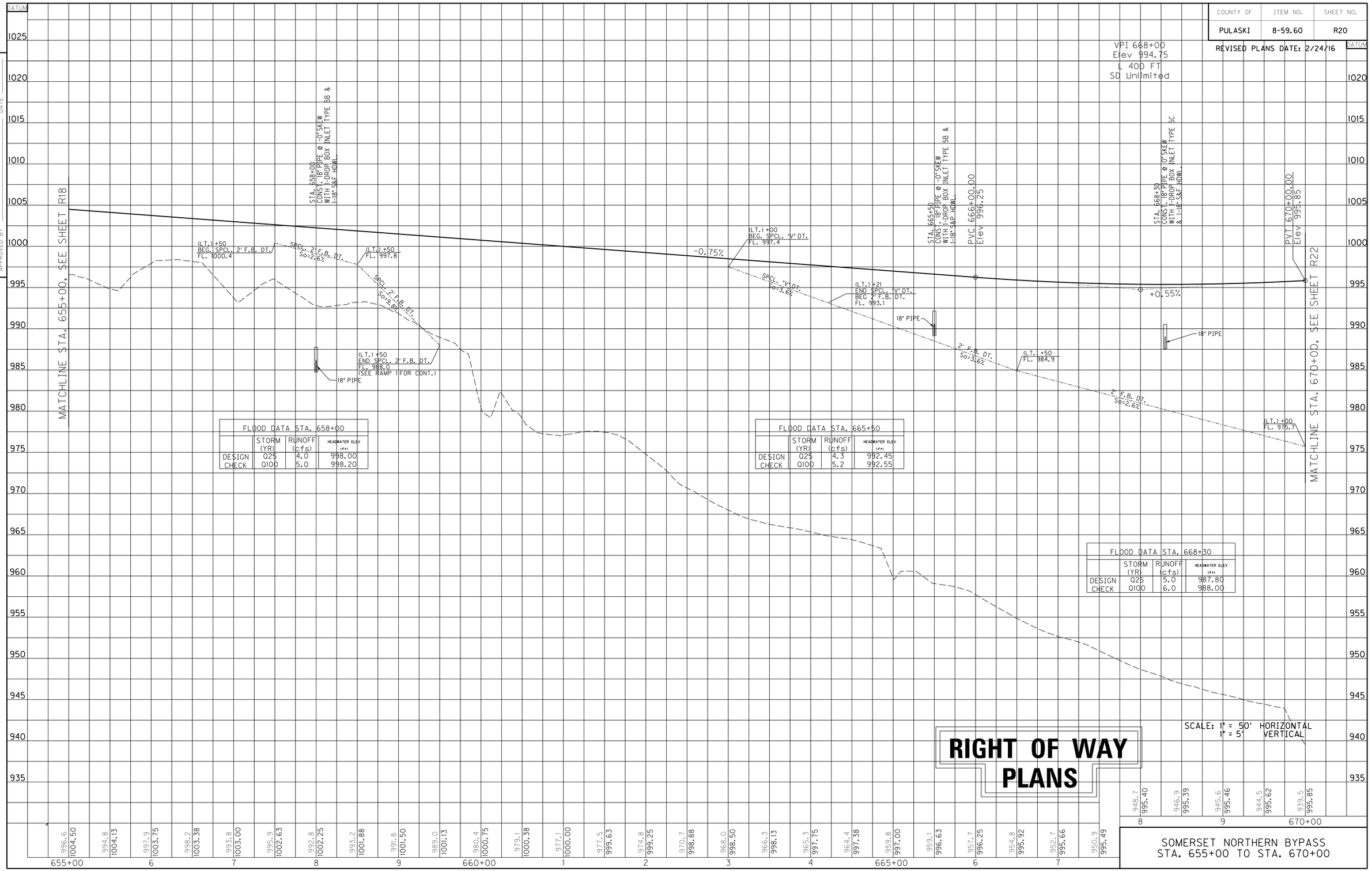
SOMERSET NORTHERN BYPASS
STA. 655+00 TO STA. 670+00

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R20

REVISED PLANS DATE: 2/24/16



FLOOD DATA STA. 658+00

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	4.0	998.00
CHECK	0100	5.0	998.20

FLOOD DATA STA. 665+50

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	4.3	992.45
CHECK	0100	5.2	992.55

FLOOD DATA STA. 668+30

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	5.0	987.80
CHECK	0100	6.0	988.00

RIGHT OF WAY PLANS

SOMERSET NORTHERN BYPASS
STA. 655+00 TO STA. 670+00

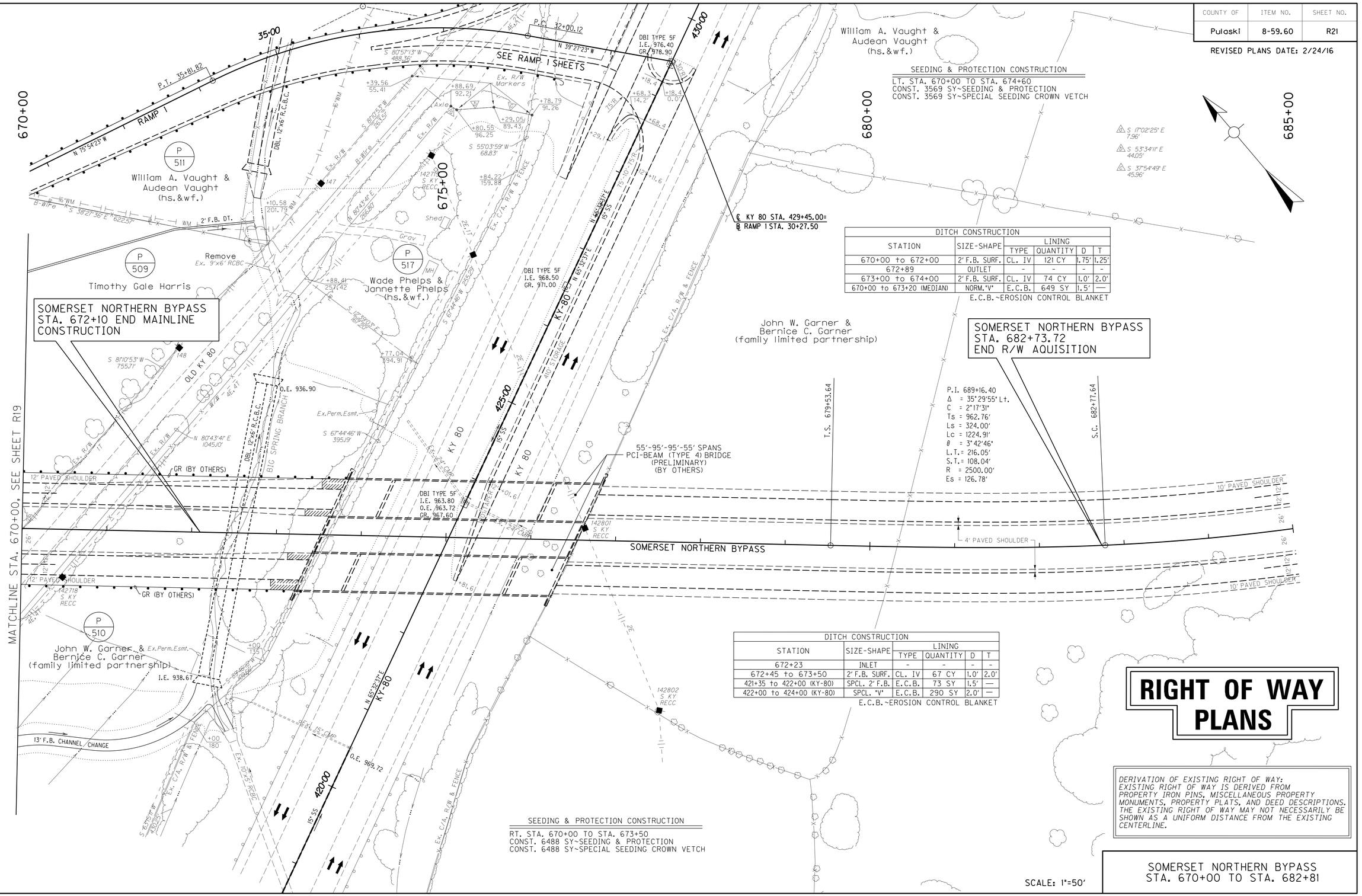
PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
Pulaski	8-59.60	R21

REVISED PLANS DATE: 2/24/16

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



SEEDING & PROTECTION CONSTRUCTION

LT. STA. 670+00 TO STA. 674+60
CONST. 3569 SY~SEEDING & PROTECTION
CONST. 3569 SY~SPECIAL SEEDING CROWN VETCH

DITCH CONSTRUCTION

STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
670+00 to 672+00	2' F.B. SURF.	CL. IV	121 CY	1.75'	1.25'
672+89	OUTLET	-	-	-	-
673+00 to 674+00	2' F.B. SURF.	CL. IV	74 CY	1.0'	2.0'
670+00 to 673+20 (MEDIAN)	NORM."V"	E.C.B.	649 SY	1.5'	—

E.C.B.~EROSION CONTROL BLANKET

DITCH CONSTRUCTION

STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
672+23	INLET	-	-	-	-
672+45 to 673+50	2' F.B. SURF.	CL. IV	67 CY	1.0'	2.0'
421+35 to 422+00 (KY-80)	SPCL. 2' F.B.	E.C.B.	73 SY	1.5'	—
422+00 to 424+00 (KY-80)	SPCL. "V"	E.C.B.	290 SY	2.0'	—

E.C.B.~EROSION CONTROL BLANKET

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 670+00 TO STA. 673+50
CONST. 6488 SY~SEEDING & PROTECTION
CONST. 6488 SY~SPECIAL SEEDING CROWN VETCH

RIGHT OF WAY PLANS

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

SCALE: 1"=50'

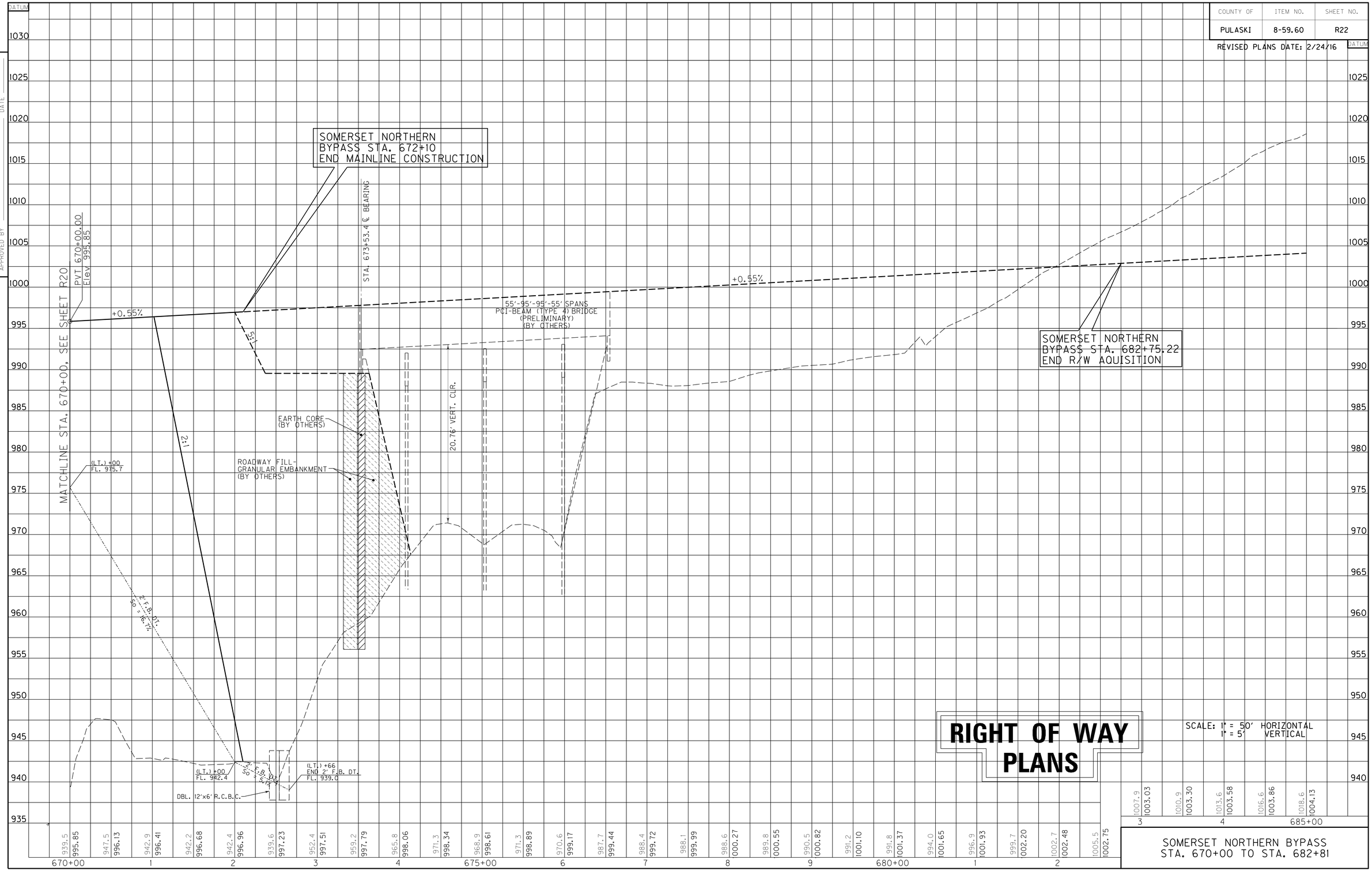
SOMERSET NORTHERN BYPASS
STA. 670+00 TO STA. 682+81

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R22

REVISED PLANS DATE: 2/24/16

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



RIGHT OF WAY PLANS

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

SOMERSET NORTHERN BYPASS
STA. 670+00 TO STA. 682+81

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R23

REVISED PLANS DATE: 2/24/16

I.D.	BEARING	DISTANCE
A	S31°29'51"E	323.92'
B	ARC LENGTH = 124.04',R = 785.00' CHORD = S26°55'04"E - 123.91'	
C	S22°23'28"E	76.18'
D	ARC LENGTH = 51.22',R = 1015.00' CHORD = S23°50'12"E - 51.21'	
E	ARC LENGTH = 22.54',R = 365.00' CHORD = S57°21'45"E - 22.54'	
F	S30°52'06"W	5.00'
G	S59°07'54"E	29.35'
H	ARC LENGTH = 15.93',R = 1520.00' CHORD = S59°25'54"E - 15.93'	
I	N82°46'28"W	107.21'
J	N00°28'06"W	58.31'
K	N01°46'48"E	4.55'
L	ARC LENGTH = 149.43',R = 1520.00' CHORD = S62°32'54"E - 149.37'	
M	S65°21'52"E	67.50'
N	ARC LENGTH = 185.36',R = 480.00' CHORD = S54°18'05"E - 184.21'	
O	S57°59'52"E	55.90'
P	N22°23'28"W	50.00'
Q	ARC LENGTH = 128.79',R = 815.00' CHORD = N26°55'05"W - 128.66'	
R	N31°29'52"W	323.90'
S	ARC LENGTH = 200.81',R = 520.00' CHORD = N54°18'05"W - 199.56'	
T	N65°21'52"W	67.50'
U	ARC LENGTH = 153.46',R = 1480.00' CHORD = N62°23'39"W - 153.39'	
V	N02°38'46"W	18.00'

ENTRANCE CONSTRUCTION								ENTRANCE PIPE		
STATION	TYPE	WIDTH	RADIUS		DGA TON	BASE TON	SURF TON	DIA.	TYPE	LENGTH
46+50	FARM	16'	15'	15'	20	12	3	18"	—	53'
51+50	FARM	16'	25'	25'				15"	—	65'

DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
40+50 TO 42+00	2' F.B. RDWY.	CL IV	98 CY	1'	2'	2.35
42+00 TO 43+00	SPCL. "V"	CL IV	49 CY	1'	2'	2.04
43+00 TO 44+00	SPCL. "V"	E.C.B.	90 SY	1.5'		0.58
44+00 TO 46+64	NORM. "V"	E.C.B.	214 SY	1.5'		0.69
46+64 TO 47+53	2' F.B. RDWY.	CL IV	65 CY	1'	2'	1.55
50+30 TO 54+00	SPCL. "V"	CL IV	303 CY	1'	2'	0.35

EDGE KEY CONSTRUCTION

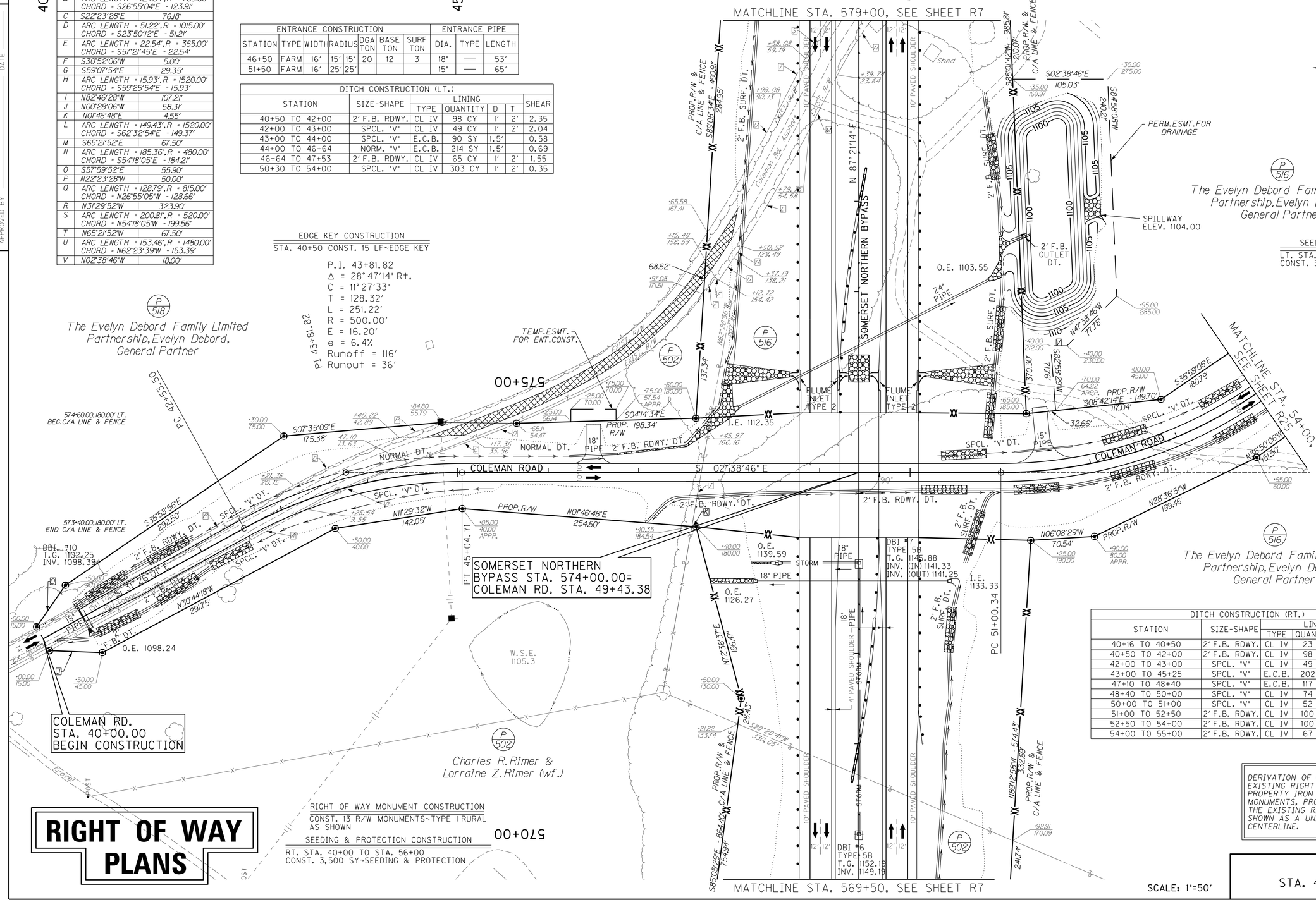
STA. 40+50 CONST. 15 LF~EDGE KEY

P.I. 43+81.82
Δ = 28°47'14" Rt.
C = 11°27'33"
T = 128.32'
L = 251.22'
R = 500.00'
E = 16.20'
e = 6.4%
Runoff = 116'
Runout = 36'

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 40+00 TO STA. 56+00
CONST. 3.632 SY~SEEDING & PROTECTION

P.I. 55+36.26
Δ = 82°09'59" Lt.
C = 11°27'33"
T = 435.92'
L = 717.04'
R = 500.00'
E = 163.34'
e = 6.4%
Runoff = 116'
Runout = 36'



DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
40+16 TO 40+50	2' F.B. RDWY.	CL IV	23 CY	1.5'	2'	0.51
40+50 TO 42+00	2' F.B. RDWY.	CL IV	98 CY	1'	2'	2.04
42+00 TO 43+00	SPCL. "V"	CL IV	49 CY	1'	2'	1.63
43+00 TO 45+25	SPCL. "V"	E.C.B.	202 SY	1.5'		0.28
47+10 TO 48+40	SPCL. "V"	E.C.B.	117 SY	1.0'		0.28
48+40 TO 50+00	SPCL. "V"	CL IV	74 CY	1.5'	2'	0.35
50+00 TO 51+00	SPCL. "V"	CL IV	52 CY	2'	2'	0.76
51+00 TO 52+50	2' F.B. RDWY.	CL IV	100 CY	1.5'	2'	1.36
52+50 TO 54+00	2' F.B. RDWY.	CL IV	100 CY	1.5'	2'	2.22
54+00 TO 55+00	2' F.B. RDWY.	CL IV	67 CY	1.5'	2'	3.33

RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 13 R/W MONUMENTS~TYPE 1 RURAL AS SHOWN

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 40+00 TO STA. 56+00
CONST. 3.500 SY~SEEDING & PROTECTION

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

RIGHT OF WAY PLANS

SCALE: 1"=50'

COLEMAN ROAD
STA. 40+50 TO STA. 55+00

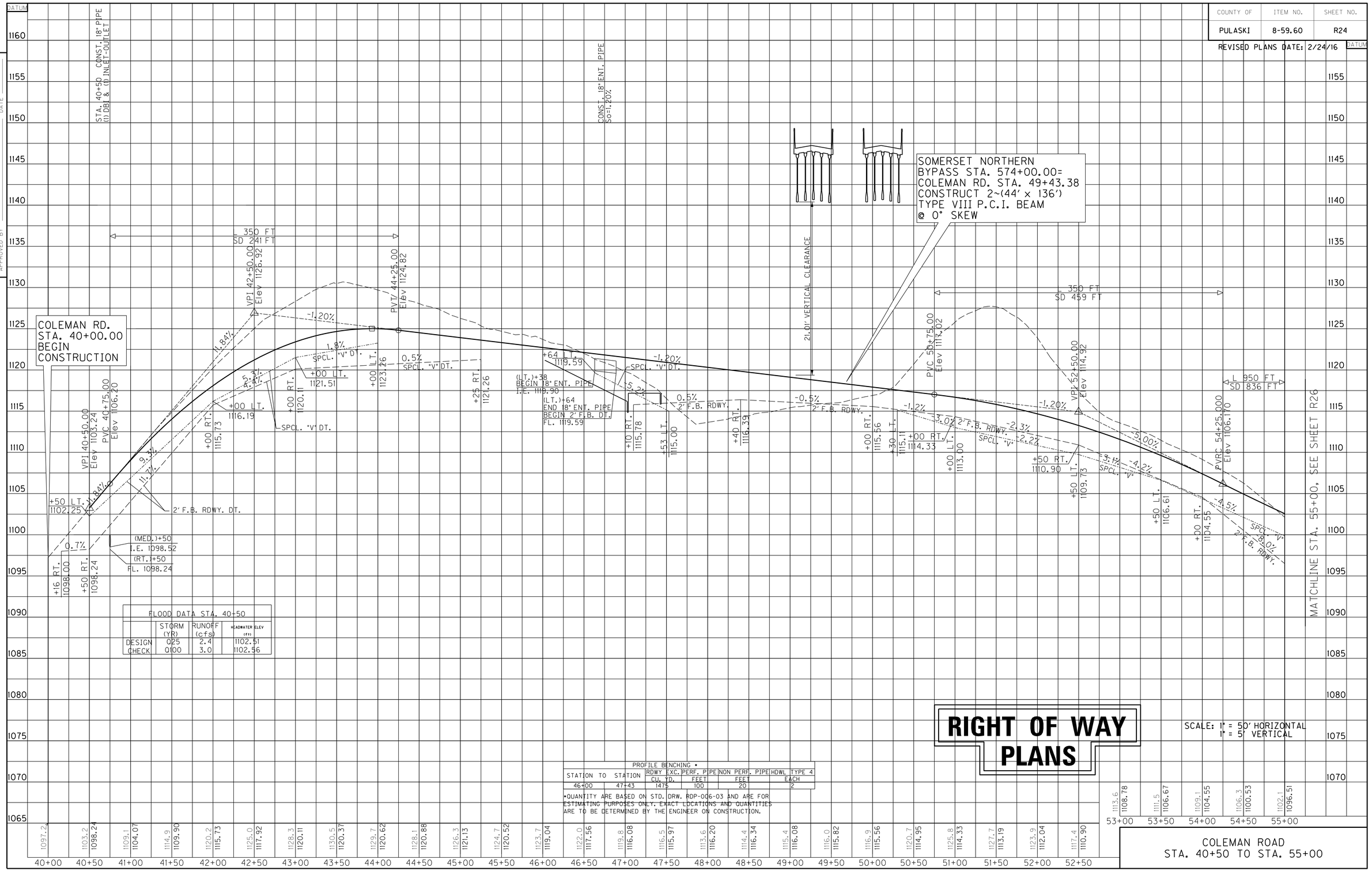
PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R24

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE



FLOOD DATA STA. 40+50			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	2.4	1102.51
CHECK	0100	3.0	1102.56

PROFILE BENCHING •					
STATION TO	STATION	RDWY EXC. CU. YD.	PERF. PIPE FEET	NON PERF. PIPE FEET	HDWL TYPE 4 EACH
46+00	47+43	1475	100	20	2

•QUANTITY ARE BASED ON STD. DRW. RDP-006-03 AND ARE FOR ESTIMATING PURPOSES ONLY. EXACT LOCATIONS AND QUANTITIES ARE TO BE DETERMINED BY THE ENGINEER ON CONSTRUCTION.

RIGHT OF WAY PLANS

COLEMAN ROAD
STA. 40+50 TO STA. 55+00

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R25

REVISED PLANS DATE: 2/24/16

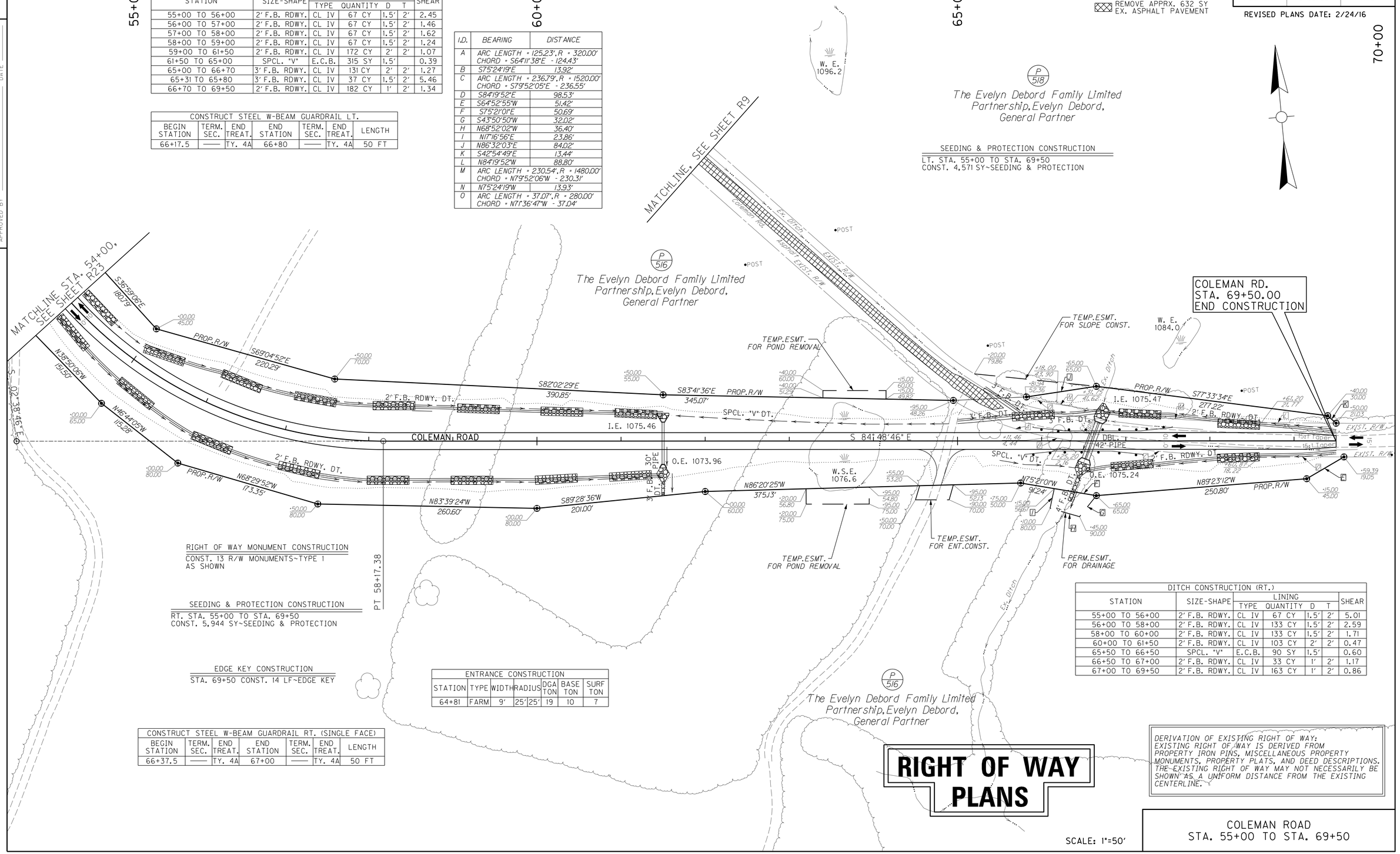
PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

55+00 60+00 65+00 70+00

DITCH CONSTRUCTION (LT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
55+00 TO 56+00	2' F.B. RDWY.	CL IV	67 CY	1.5'	2'	2.45
56+00 TO 57+00	2' F.B. RDWY.	CL IV	67 CY	1.5'	2'	1.46
57+00 TO 58+00	2' F.B. RDWY.	CL IV	67 CY	1.5'	2'	1.62
58+00 TO 59+00	2' F.B. RDWY.	CL IV	67 CY	1.5'	2'	1.24
59+00 TO 61+50	2' F.B. RDWY.	CL IV	172 CY	2'	2'	1.07
61+50 TO 65+00	SPCL. "V"	E.C.B.	315 SY	1.5'		0.39
65+00 TO 66+70	3' F.B. RDWY.	CL IV	131 CY	2'	2'	1.27
65+31 TO 65+80	3' F.B. RDWY.	CL IV	37 CY	1.5'	2'	5.46
66+70 TO 69+50	2' F.B. RDWY.	CL IV	182 CY	1'	2'	1.34

CONSTRUCT STEEL W-BEAM GUARDRAIL LT.						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	TERM. SEC.	END TREAT.	LENGTH
66+17.5	——	TY. 4A	66+80	——	TY. 4A	50 FT

I.D.	BEARING	DISTANCE
A	ARC LENGTH = 125.23', R = 320.00' CHORD = S64°11'38"E = 124.43'	
B	S75°24'19"E	13.92'
C	ARC LENGTH = 236.79', R = 1520.00' CHORD = S79°52'05"E = 236.55'	
D	S84°19'52"E	98.53'
E	S64°52'55"W	51.42'
F	S75°21'01"E	50.69'
G	S43°50'50"W	32.02'
H	N68°52'02"W	36.40'
I	N17°16'56"E	23.86'
J	N86°32'03"E	84.02'
K	S42°54'49"E	13.44'
L	N84°19'52"W	88.80'
M	ARC LENGTH = 230.54', R = 1480.00' CHORD = N79°52'06"W = 230.31'	
N	N75°24'19"W	13.93'
O	ARC LENGTH = 37.07', R = 280.00' CHORD = N71°36'47"W = 37.04'	



RIGHT OF WAY MONUMENT CONSTRUCTION

CONST. 13 R/W MONUMENTS~TYPE 1 AS SHOWN

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 55+00 TO STA. 69+50
CONST. 5.944 SY~SEEDING & PROTECTION

EDGE KEY CONSTRUCTION

STA. 69+50 CONST. 14 LF~EDGE KEY

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	TERM. SEC.	END TREAT.	LENGTH
66+37.5	——	TY. 4A	67+00	——	TY. 4A	50 FT

ENTRANCE CONSTRUCTION							
STATION	TYPE	WIDTH	RADIUS		DGA TON	BASE TON	SURF TON
64+81	FARM	9'	25'	25'	19	10	7

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 55+00 TO STA. 69+50
CONST. 4,571 SY~SEEDING & PROTECTION

DITCH CONSTRUCTION (RT.)						
STATION	SIZE-SHAPE	LINING				SHEAR
		TYPE	QUANTITY	D	T	
55+00 TO 56+00	2' F.B. RDWY.	CL IV	67 CY	1.5'	2'	5.01
56+00 TO 58+00	2' F.B. RDWY.	CL IV	133 CY	1.5'	2'	2.59
58+00 TO 60+00	2' F.B. RDWY.	CL IV	133 CY	1.5'	2'	1.71
60+00 TO 61+50	2' F.B. RDWY.	CL IV	103 CY	2'	2'	0.47
65+50 TO 66+50	SPCL. "V"	E.C.B.	90 SY	1.5'		0.60
66+50 TO 67+00	2' F.B. RDWY.	CL IV	33 CY	1'	2'	1.17
67+00 TO 69+50	2' F.B. RDWY.	CL IV	163 CY	1'	2'	0.86

RIGHT OF WAY PLANS

DERIVATION OF EXISTING RIGHT OF WAY: EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

SCALE: 1"=50'

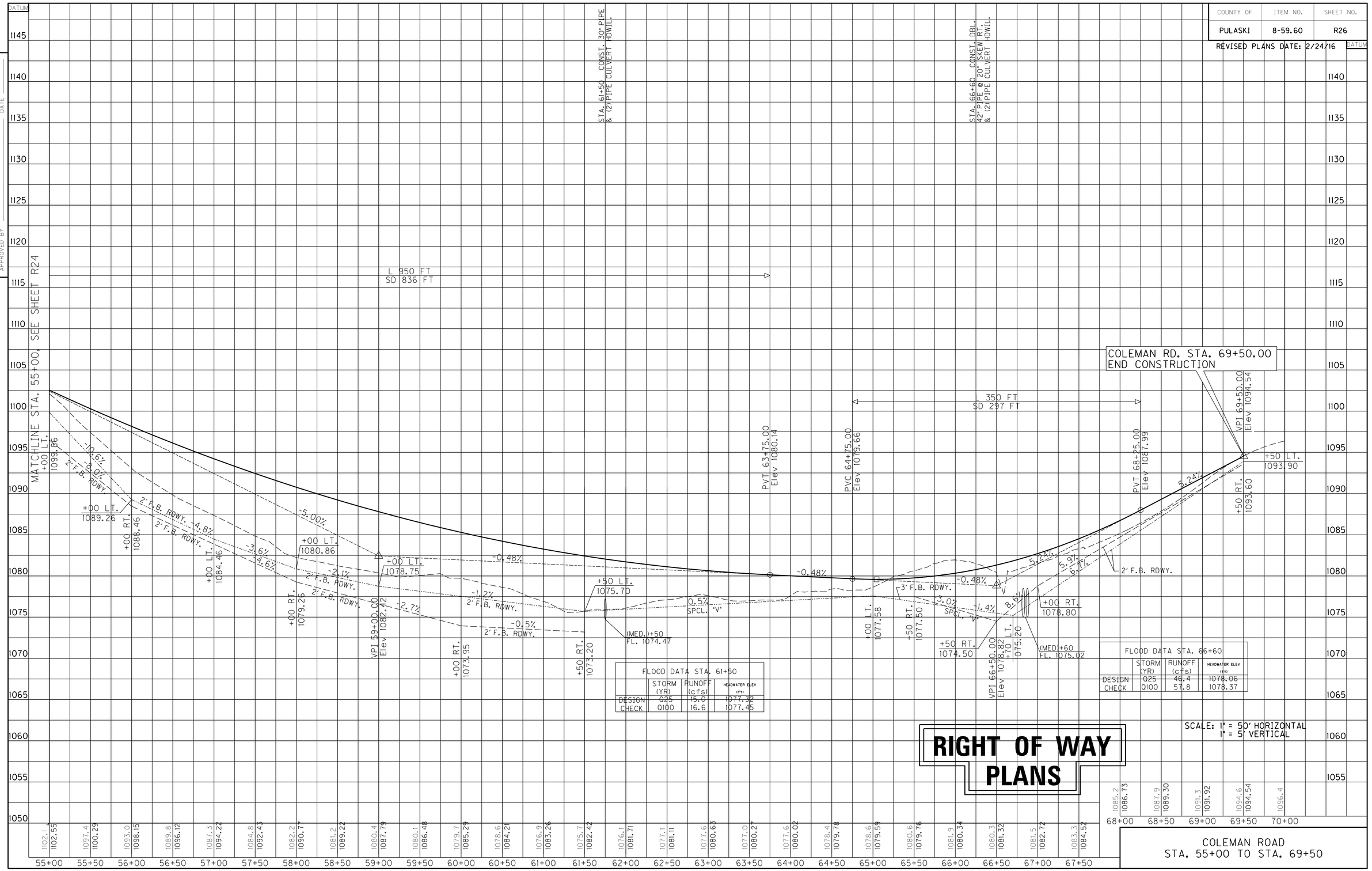
COLEMAN ROAD
STA. 55+00 TO STA. 69+50

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R26

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE



FLOOD DATA STA. 61+50

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	15.0	1077.32
CHECK	0100	16.6	1077.45

FLOOD DATA STA. 66+60

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	46.4	1078.06
CHECK	0100	57.8	1078.37

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
Pulaski	8-59.60	R27

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

DITCH CONSTRUCTION

STATION	SIZE-SHAPE	LINING TYPE	LINING QUANTITY	D	T
429+50 to 431+00 (KY80)	SPCL. 2' F.B.	CL. IV	98 CY	1.0'	1.25'
31+40 to 33+00	SPCL. 'V'	E.C.B.	304 SY	1.5'	—
32+00 to 33+00	2' F.B.SURF.	CL. IV	71 CY	1.0'	2.0'
33+00	4' F.B. OUTLET	CL. IV	50 CY	1.75'	1.25'
34+47	OUTLET	-	-	-	-
34+50 to 37+00	2' F.B.SURF.	E.C.B.	407 SY	2.0'	—
37+00 to 40+00	2' F.B.SURF.	CL. IV	92 CY	1.25'	1.25'
36+90	2' F.B. OUTLET	CL. IV	51 CY	1.0'	2.0'
37+90	2' F.B. OUTLET	CL. IV	50 CY	1.0'	2.0'

E.C.B.~EROSION CONTROL BLANKET

ASPHALT WEDGE CURB & FLUME INLET CONSTRUCTION
LT. STA. 34+65 TO STA. 36+50
CONST. 156 L.F. ~ ASPHALT WEDGE CURB
CONST. FLUME INLET TYPE 1 (STA. 36+00)

REMOVE EXISTING GUARDRAIL
LT. STA. 428+24 TO STA. 434+74 (650 L.F.) (KY80)

DITCH CONSTRUCTION

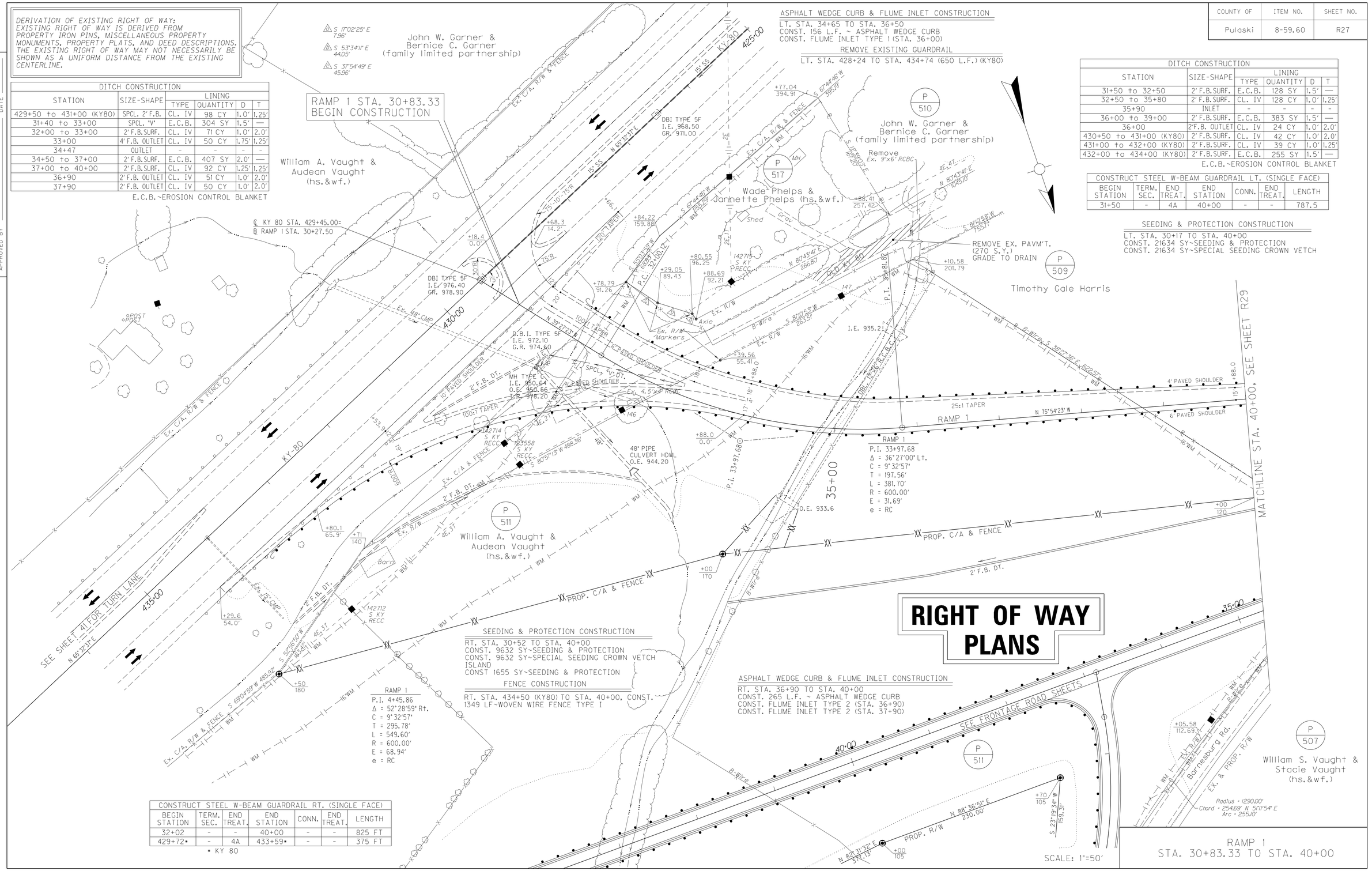
STATION	SIZE-SHAPE	LINING TYPE	LINING QUANTITY	D	T
31+50 to 32+50	2' F.B.SURF.	E.C.B.	128 SY	1.5'	—
32+50 to 35+80	2' F.B.SURF.	CL. IV	128 CY	1.0'	1.25'
35+90	INLET	-	-	-	-
36+00 to 39+00	2' F.B.SURF.	E.C.B.	383 SY	1.5'	—
36+00	2'F.B. OUTLET	CL. IV	24 CY	1.0'	2.0'
430+50 to 431+00 (KY80)	2' F.B.SURF.	CL. IV	42 CY	1.0'	2.0'
431+00 to 432+00 (KY80)	2' F.B.SURF.	CL. IV	39 CY	1.0'	1.25'
432+00 to 434+00 (KY80)	2' F.B.SURF.	E.C.B.	255 SY	1.5'	—

E.C.B.~EROSION CONTROL BLANKET

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)

BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
31+50	-	4A	40+00	-	-	787.5

SEEDING & PROTECTION CONSTRUCTION
LT. STA. 30+17 TO STA. 40+00
CONST. 21634 SY~SEEDING & PROTECTION
CONST. 21634 SY~SPECIAL SEEDING CROWN VETCH



SEEDING & PROTECTION CONSTRUCTION
RT. STA. 30+52 TO STA. 40+00
CONST. 9632 SY~SEEDING & PROTECTION
CONST. 9632 SY~SPECIAL SEEDING CROWN VETCH ISLAND
CONST 1655 SY~SEEDING & PROTECTION

FENCE CONSTRUCTION
RT. STA. 434+50 (KY80) TO STA. 40+00, CONST. 1349 LF~WOVEN WIRE FENCE TYPE I

ASPHALT WEDGE CURB & FLUME INLET CONSTRUCTION
RT. STA. 36+90 TO STA. 40+00
CONST. 265 L.F. ~ ASPHALT WEDGE CURB
CONST. FLUME INLET TYPE 2 (STA. 36+90)
CONST. FLUME INLET TYPE 2 (STA. 37+90)

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)

BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
32+02	-	-	40+00	-	-	825 FT
429+72*	-	4A	433+59*	-	-	375 FT

* KY 80

RIGHT OF WAY PLANS

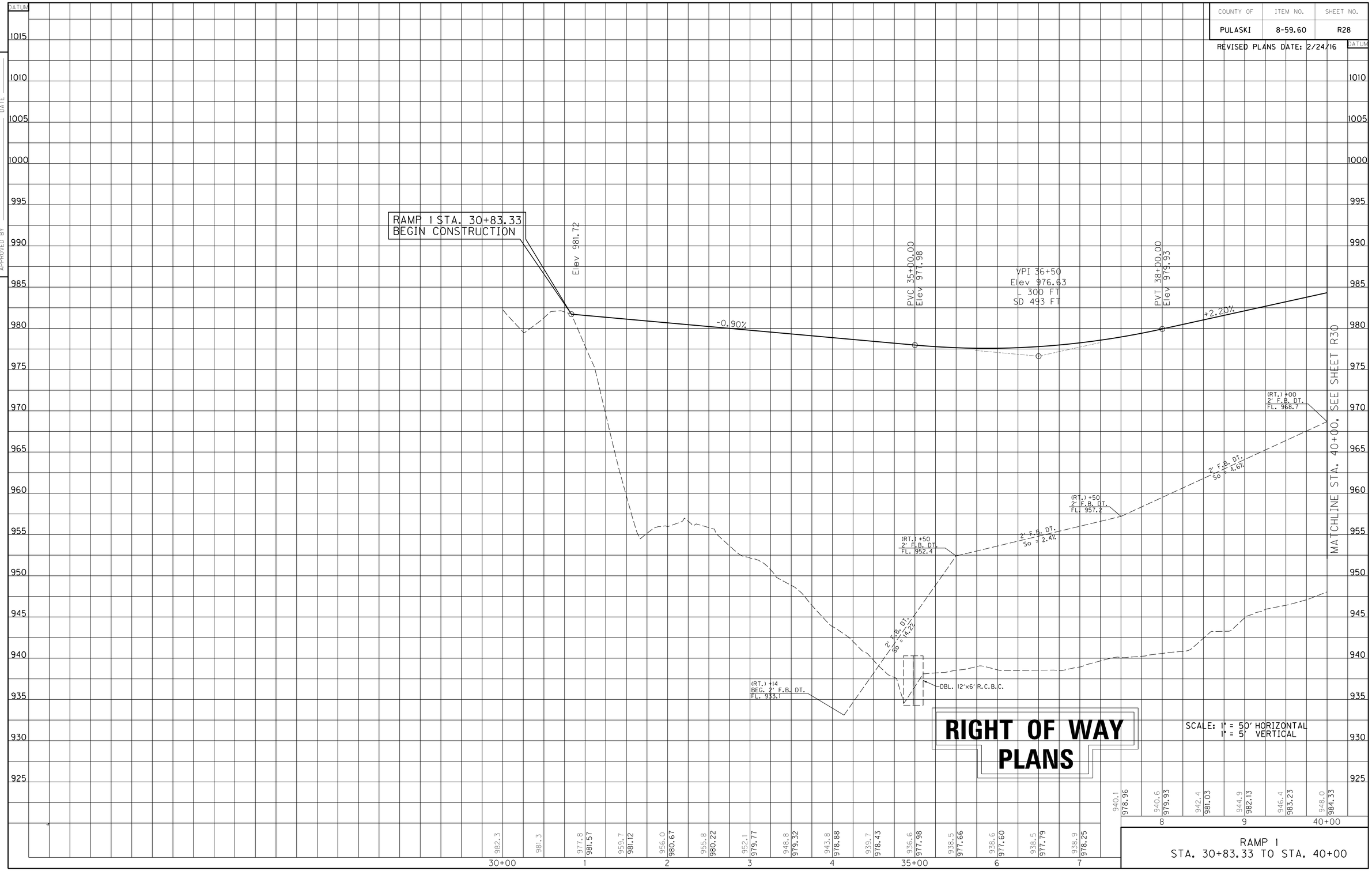
RAMP 1
STA. 30+83.33 TO STA. 40+00

DATE
DATE
DATE
PREPARED BY
CHECKED BY
APPROVED BY

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R28

REVISED PLANS DATE: 2/24/16



RIGHT OF WAY PLANS

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

RAMP 1
STA. 30+83.33 TO STA. 40+00

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

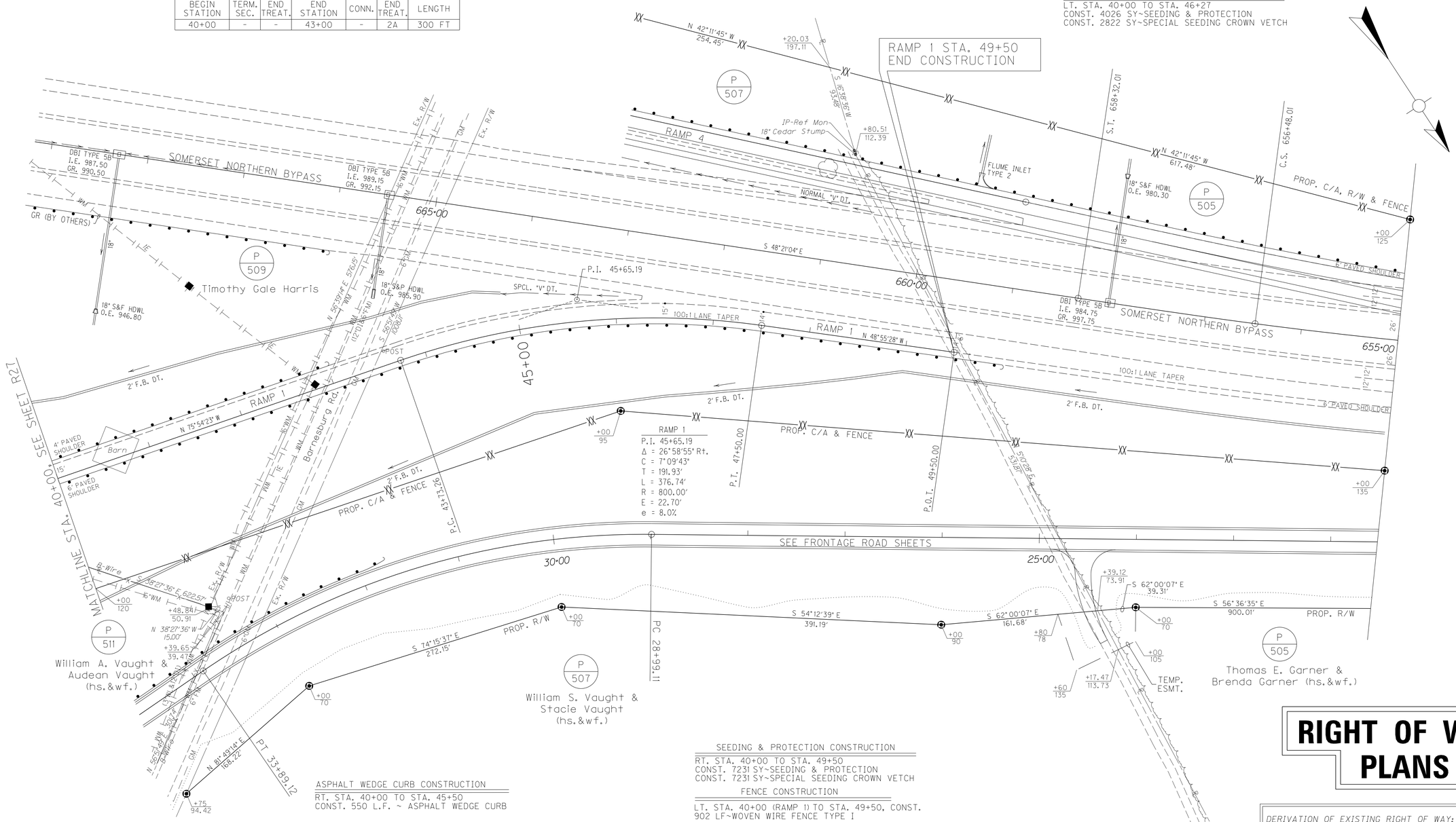
USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
Pulaski	8-59.60	R29

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
40+00	-	-	43+00	-	2A	300 FT

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 40+00 TO STA. 46+27
CONST. 4026 SY~SEEDING & PROTECTION
CONST. 2822 SY~SPECIAL SEEDING CROWN VETCH



ASPHALT WEDGE CURB CONSTRUCTION

RT. STA. 40+00 TO STA. 45+50
CONST. 550 L.F. ~ ASPHALT WEDGE CURB

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 40+00 TO STA. 49+50
CONST. 7231 SY~SEEDING & PROTECTION
CONST. 7231 SY~SPECIAL SEEDING CROWN VETCH

FENCE CONSTRUCTION

LT. STA. 40+00 (RAMP 1) TO STA. 49+50, CONST.
902 LF~WOVEN WIRE FENCE TYPE I

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
40+00	-	-	49+50	-	-	950 FT

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
40+00 to 41+00	2' F.B. SURF.	CL. IV	46 CY	1.0'	1.25'
41+00 to 43+00	2' F.B. SURF.	CL. IV	147 CY	1.25'	2.0'
43+00 to 45+00	2' F.B. SURF.	E.C.B.	255 SY	1.5'	—
45+00 to 46+00	2' F.B. SURF.	CL. IV	39 CY	1.0'	1.25'
46+00 to 48+50	2' F.B. SURF.	E.C.B.	293 SY	1.5'	—
48+50 to 49+50	2' F.B. SURF.	CL.IV	39 CY	1.0'	1.25'

E.C.B.~EROSION CONTROL BLANKET

RIGHT OF WAY PLANS

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

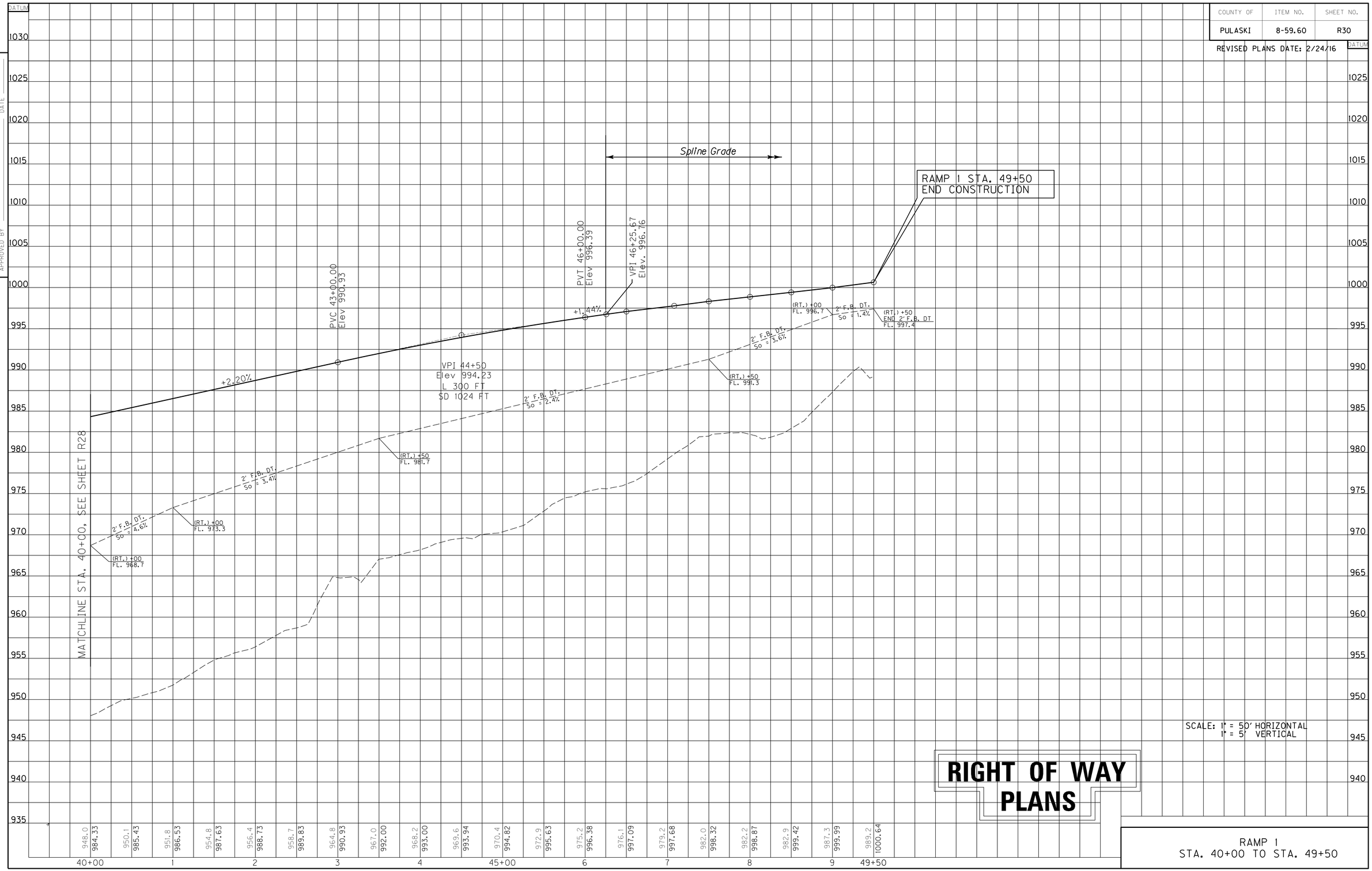
RAMP 1
STA. 40+00 TO STA. 49+50

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R30

REVISED PLANS DATE: 2/24/16



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

RIGHT OF WAY PLANS

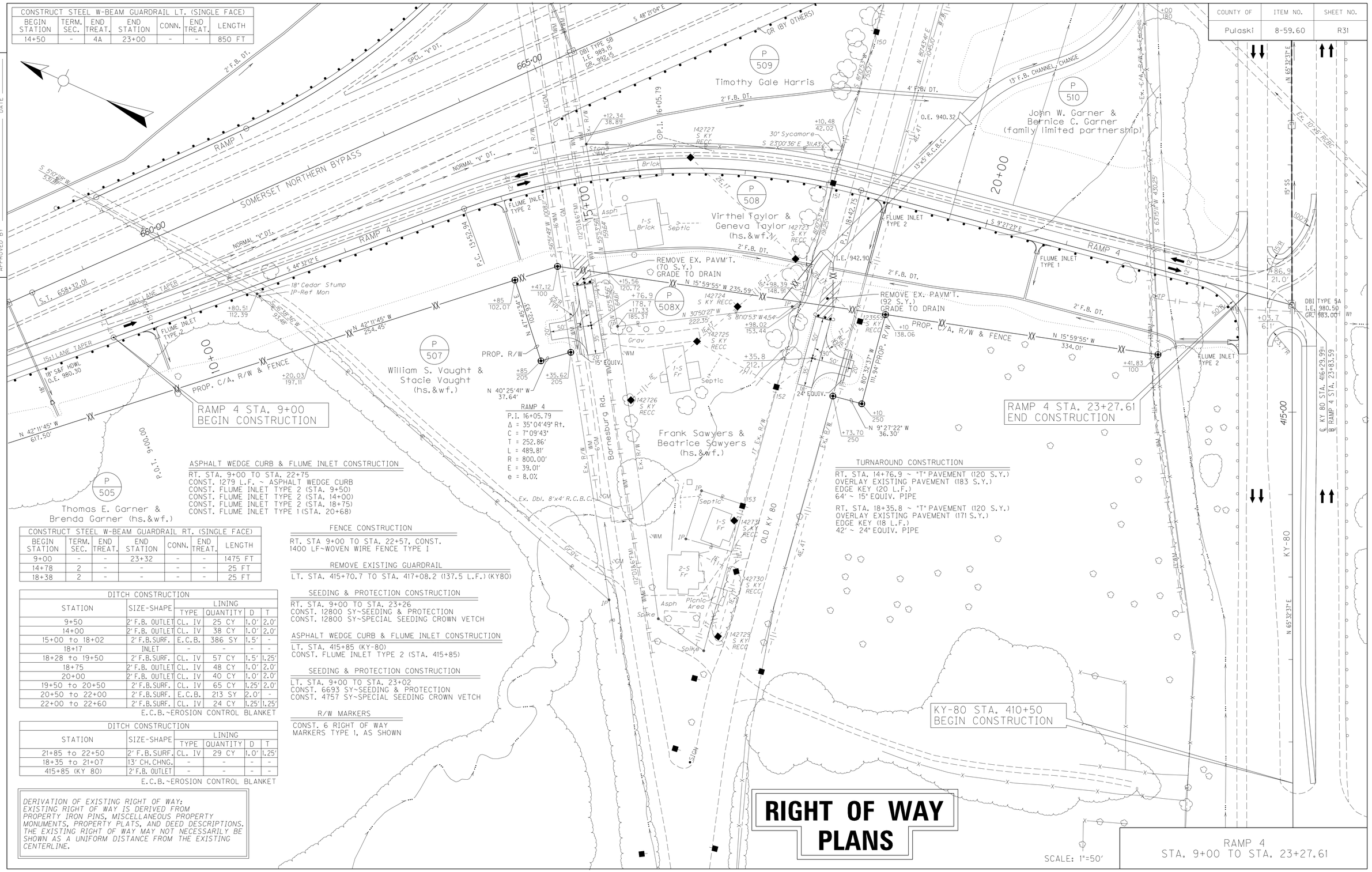
RAMP 1
STA. 40+00 TO STA. 49+50

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
Pulaski	8-59.60	R31

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
14+50	-	4A	23+00	-	-	850 FT



RAMP 4
P.I. 16+05.79
Δ = 35°04'49" Rt.
C = 7°09'43'
T = 252.86'
L = 489.81'
R = 800.00'
E = 39.01'
e = 8.0%

ASPHALT WEDGE CURB & FLUME INLET CONSTRUCTION

RT. STA. 9+00 TO STA. 22+75
CONST. 1279 L.F. ~ ASPHALT WEDGE CURB
CONST. FLUME INLET TYPE 2 (STA. 9+50)
CONST. FLUME INLET TYPE 2 (STA. 14+00)
CONST. FLUME INLET TYPE 2 (STA. 18+75)
CONST. FLUME INLET TYPE 1 (STA. 20+68)

TURNAROUND CONSTRUCTION

RT. STA. 14+76.9 ~ "T" PAVEMENT (120 S.Y.)
OVERLAY EXISTING PAVEMENT (183 S.Y.)
EDGE KEY (20 L.F.)
64' ~ 15" EQUIV. PIPE

RT. STA. 18+35.8 ~ "T" PAVEMENT (120 S.Y.)
OVERLAY EXISTING PAVEMENT (171 S.Y.)
EDGE KEY (18 L.F.)
42' ~ 24" EQUIV. PIPE

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
9+00	-	-	23+32	-	-	1475 FT
14+78	2	-	-	-	-	25 FT
18+38	2	-	-	-	-	25 FT

FENCE CONSTRUCTION

RT. STA 9+00 TO STA. 22+57, CONST. 1400 LF~WOVEN WIRE FENCE TYPE I

REMOVE EXISTING GUARDRAIL

LT. STA. 415+70.7 TO STA. 417+08.2 (137.5 L.F.) (KY80)

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 9+00 TO STA. 23+26
CONST. 12800 SY~SEEDING & PROTECTION
CONST. 12800 SY~SPECIAL SEEDING CROWN VETCH

ASPHALT WEDGE CURB & FLUME INLET CONSTRUCTION

LT. STA. 415+85 (KY-80)
CONST. FLUME INLET TYPE 2 (STA. 415+85)

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 9+00 TO STA. 23+02
CONST. 6693 SY~SEEDING & PROTECTION
CONST. 4757 SY~SPECIAL SEEDING CROWN VETCH

R/W MARKERS

CONST. 6 RIGHT OF WAY MARKERS TYPE 1, AS SHOWN

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
9+50	2' F.B. OUTLET	CL. IV	25 CY	1.0'	2.0'
14+00	2' F.B. OUTLET	CL. IV	38 CY	1.0'	2.0'
15+00 to 18+02	2' F.B.SURF.	E.C.B.	386 SY	1.5'	-
18+17	INLET	-	-	-	-
18+28 to 19+50	2' F.B.SURF.	CL. IV	57 CY	1.5'	1.25'
18+75	2' F.B. OUTLET	CL. IV	48 CY	1.0'	2.0'
20+00	2' F.B. OUTLET	CL. IV	40 CY	1.0'	2.0'
19+50 to 20+50	2' F.B.SURF.	CL. IV	65 CY	1.25'	2.0'
20+50 to 22+00	2' F.B.SURF.	E.C.B.	213 SY	2.0'	-
22+00 to 22+60	2' F.B.SURF.	CL. IV	24 CY	1.25'	1.25'

E.C.B.~EROSION CONTROL BLANKET

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
21+85 to 22+50	2' F.B.SURF.	CL. IV	29 CY	1.0'	1.25'
18+35 to 21+07	13' CH.CHNG.	-	-	-	-
415+85 (KY 80)	2' F.B. OUTLET	-	-	-	-

E.C.B.~EROSION CONTROL BLANKET

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

RIGHT OF WAY PLANS

RAMP 4
STA. 9+00 TO STA. 23+27.61

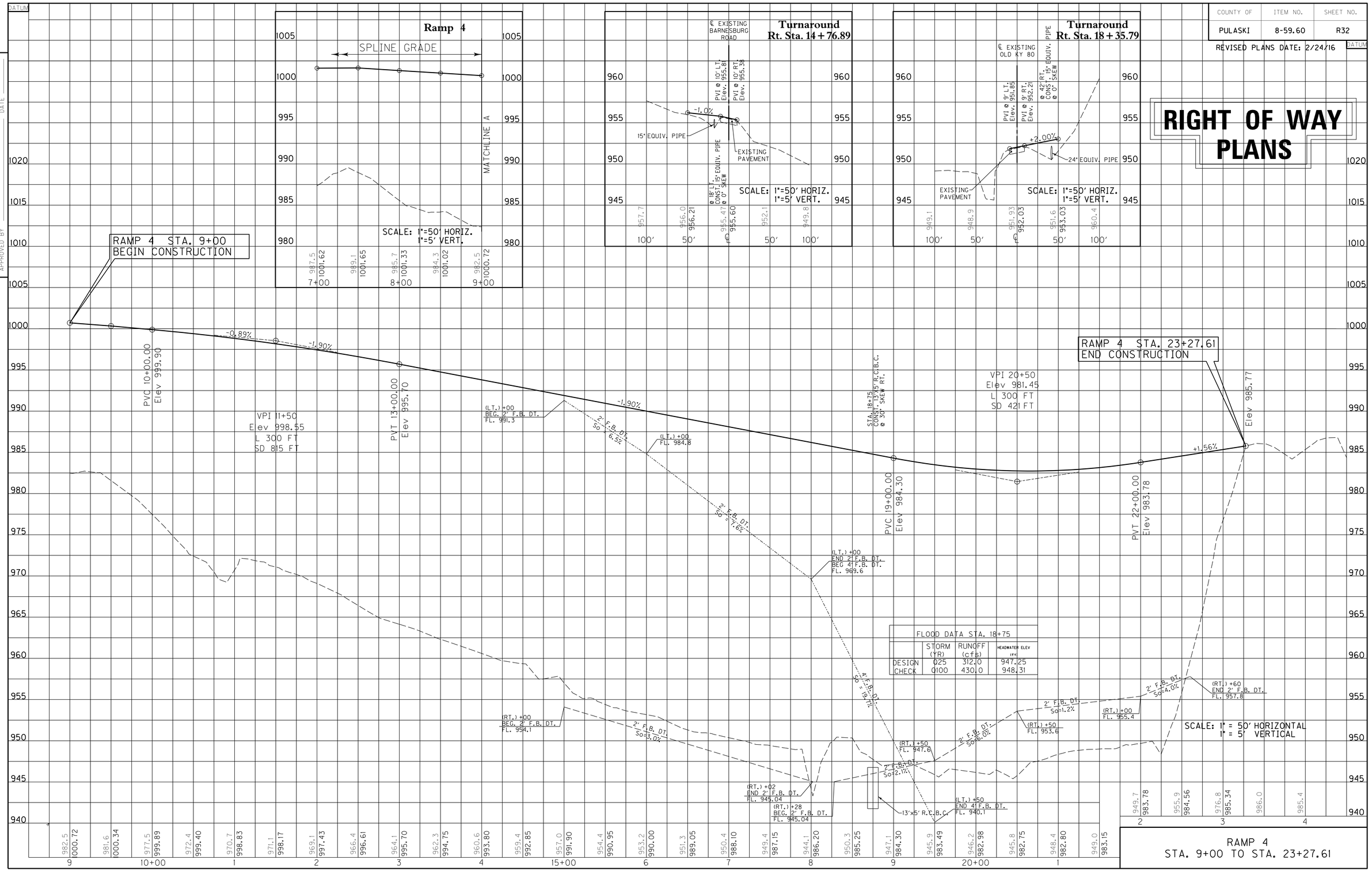
PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R32

REVISED PLANS DATE: 2/24/16

RIGHT OF WAY PLANS



FLOOD DATA STA. 18+75			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	312.0	947.25
CHECK	0100	430.0	948.31

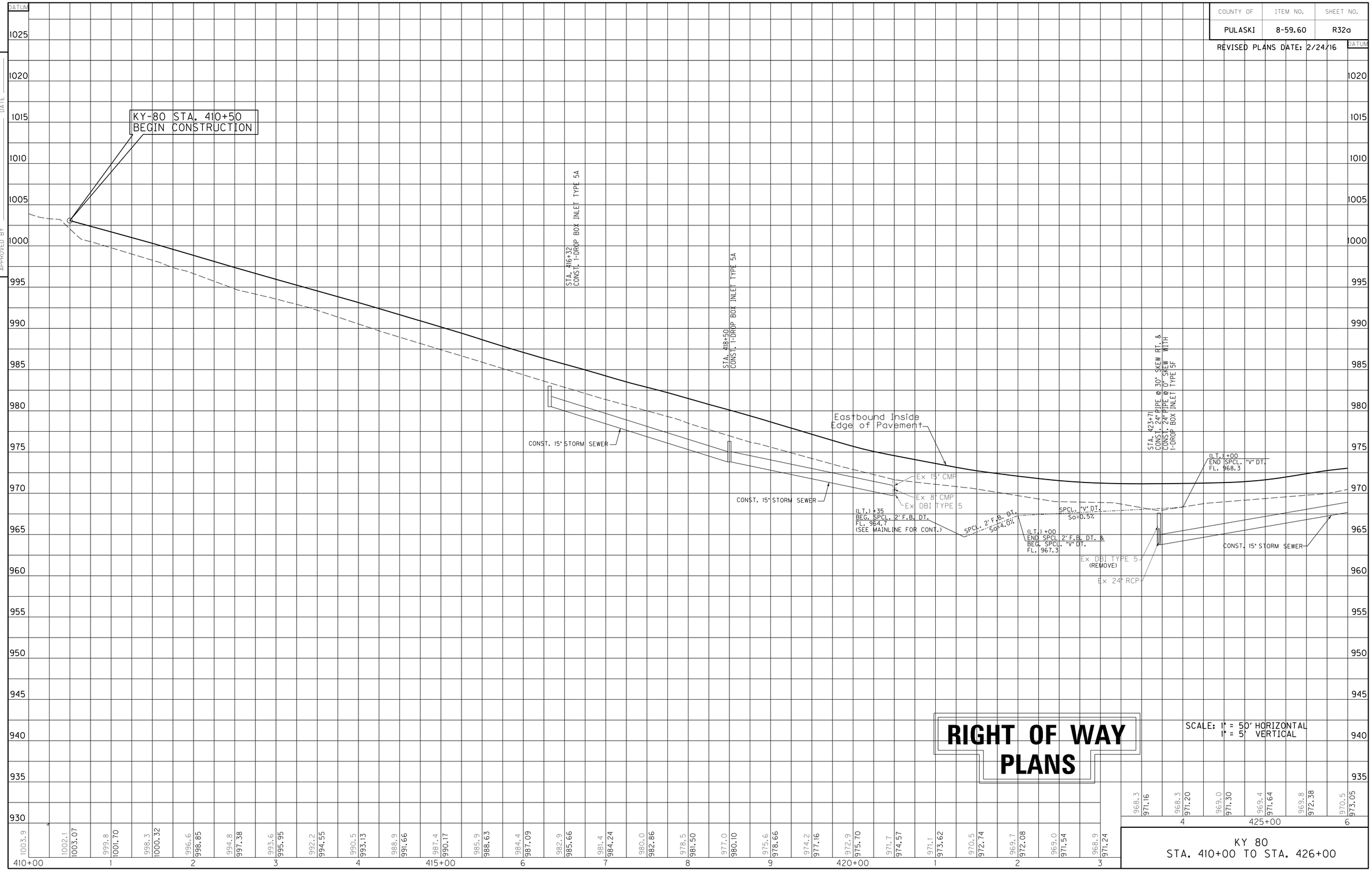
PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R32a

REVISED PLANS DATE: 2/24/16

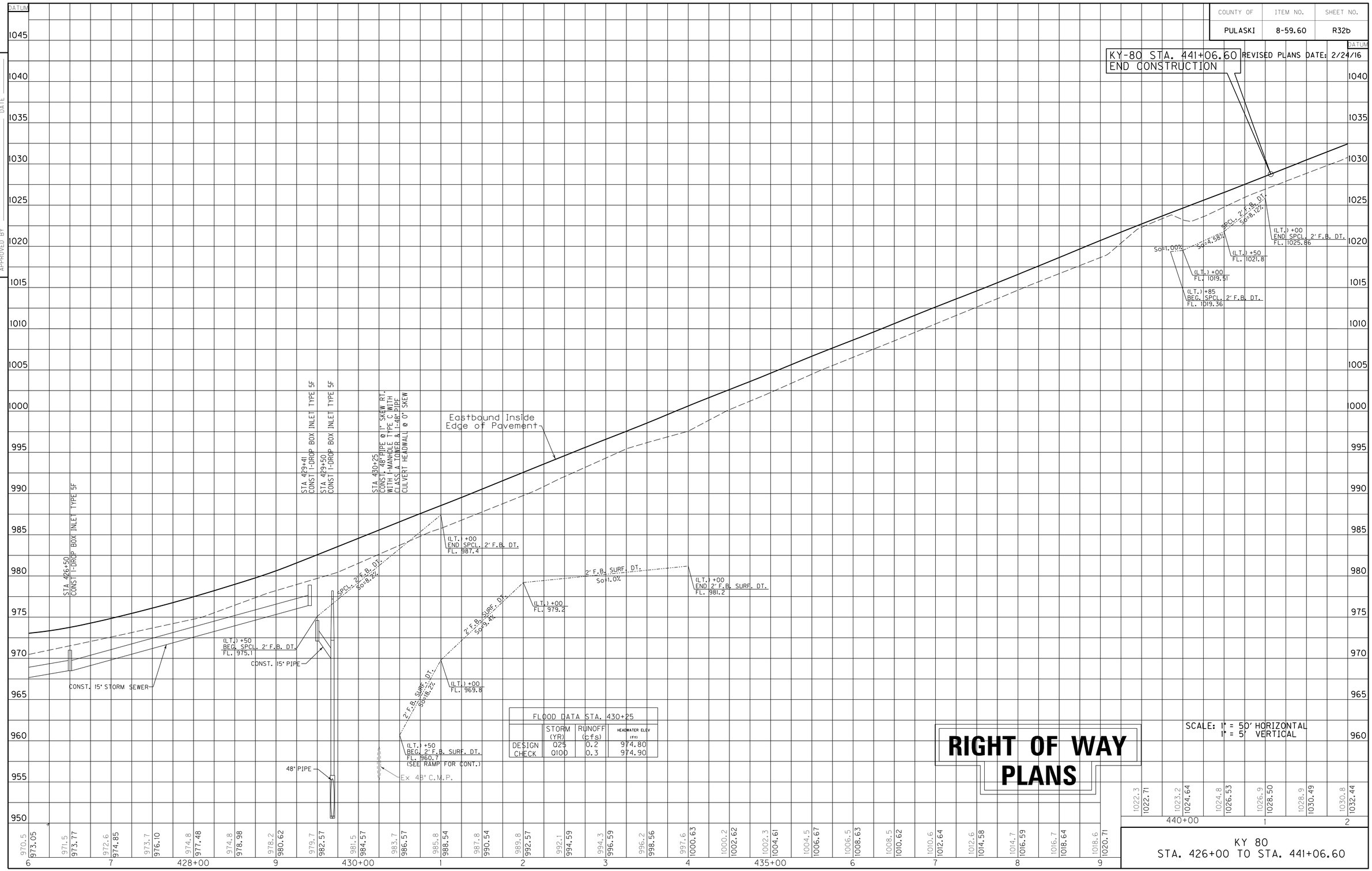
PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R32b

REVISED PLANS DATE: 2/24/16



FLOOD DATA STA. 430+25

	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	0.2	974.80
CHECK	0100	0.3	974.90

RIGHT OF WAY PLANS

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

KY 80
STA. 426+00 TO STA. 441+06.60

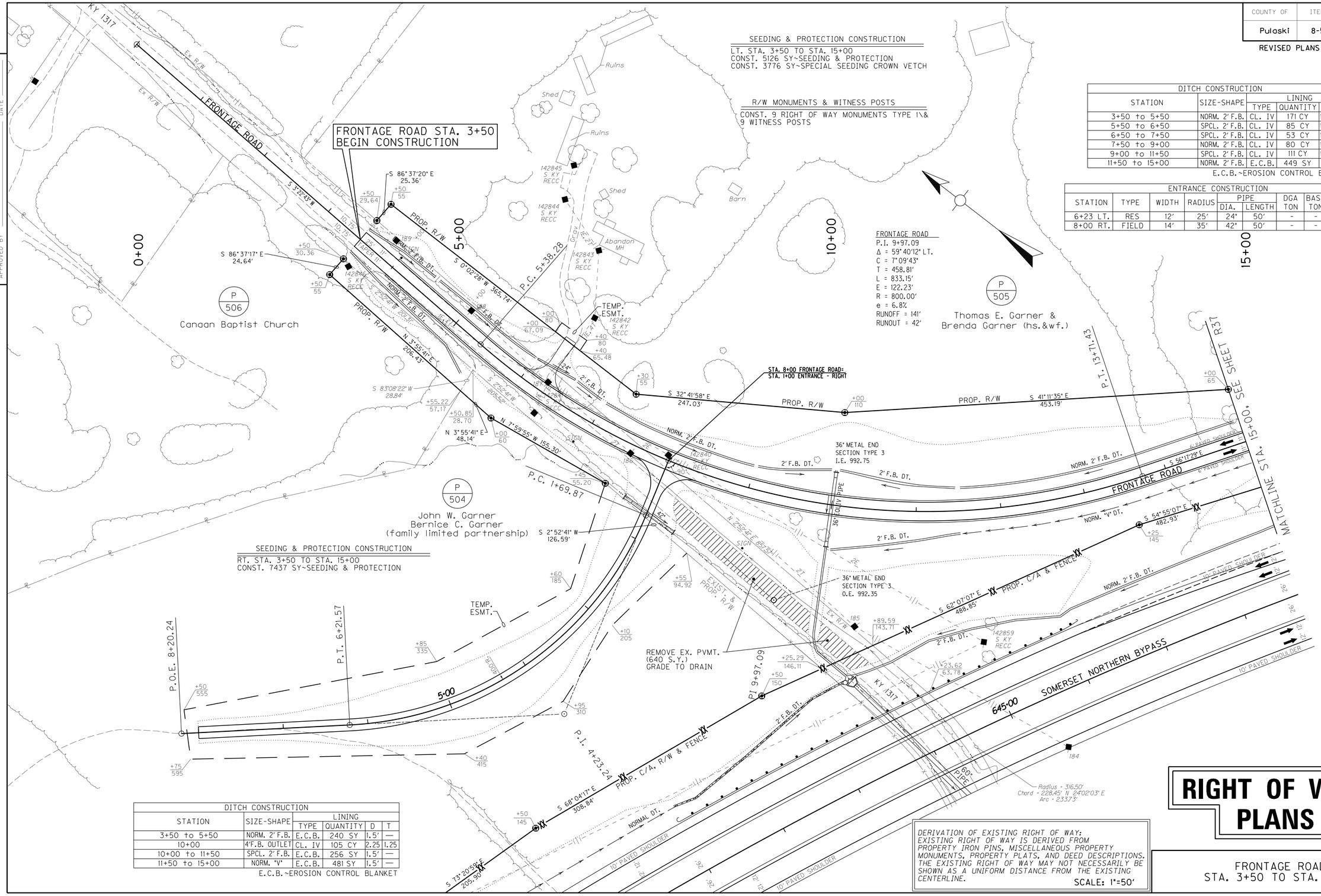
PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
Pulaski	8-59.60	R33

REVISED PLANS DATE: 2/24/16

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



SEEDING & PROTECTION CONSTRUCTION

LT. STA. 3+50 TO STA. 15+00
CONST. 5126 SY~SEEDING & PROTECTION
CONST. 3776 SY~SPECIAL SEEDING CROWN VETCH

R/W MONUMENTS & WITNESS POSTS

CONST. 9 RIGHT OF WAY MONUMENTS TYPE 1\&
9 WITNESS POSTS

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 3+50 TO STA. 15+00
CONST. 7437 SY~SEEDING & PROTECTION

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
3+50 to 5+50	NORM. 2' F.B.	CL. IV	171 CY	1.5'	2.0'
5+50 to 6+50	SPCL. 2' F.B.	CL. IV	85 CY	1.5'	2.0'
6+50 to 7+50	SPCL. 2' F.B.	CL. IV	53 CY	1.5'	1.25'
7+50 to 9+00	NORM. 2' F.B.	CL. IV	80 CY	1.5'	1.25'
9+00 to 11+50	SPCL. 2' F.B.	CL. IV	111 CY	1.5'	1.25'
11+50 to 15+00	NORM. 2' F.B.	E.C.B.	449 SY	1.5'	—

E.C.B.~EROSION CONTROL BLANKET

ENTRANCE CONSTRUCTION									
STATION	TYPE	WIDTH	RADIUS	PIPE		DGA TON	BASE TON	SURF TON	TBB TON
				DIA.	LENGTH				
6+23 LT.	RES	12'	25'	24"	50'	-	-	-	17
8+00 RT.	FIELD	14'	35'	42"	50'	-	-	-	268

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
3+50 to 5+50	NORM. 2' F.B.	E.C.B.	240 SY	1.5'	—
10+00	4' F.B. OUTLET	CL. IV	105 CY	2.25	1.25
10+00 to 11+50	SPCL. 2' F.B.	E.C.B.	256 SY	1.5'	—
11+50 to 15+00	NORM. "V"	E.C.B.	481 SY	1.5'	—

E.C.B.~EROSION CONTROL BLANKET

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

SCALE: 1"=50'

RIGHT OF WAY PLANS

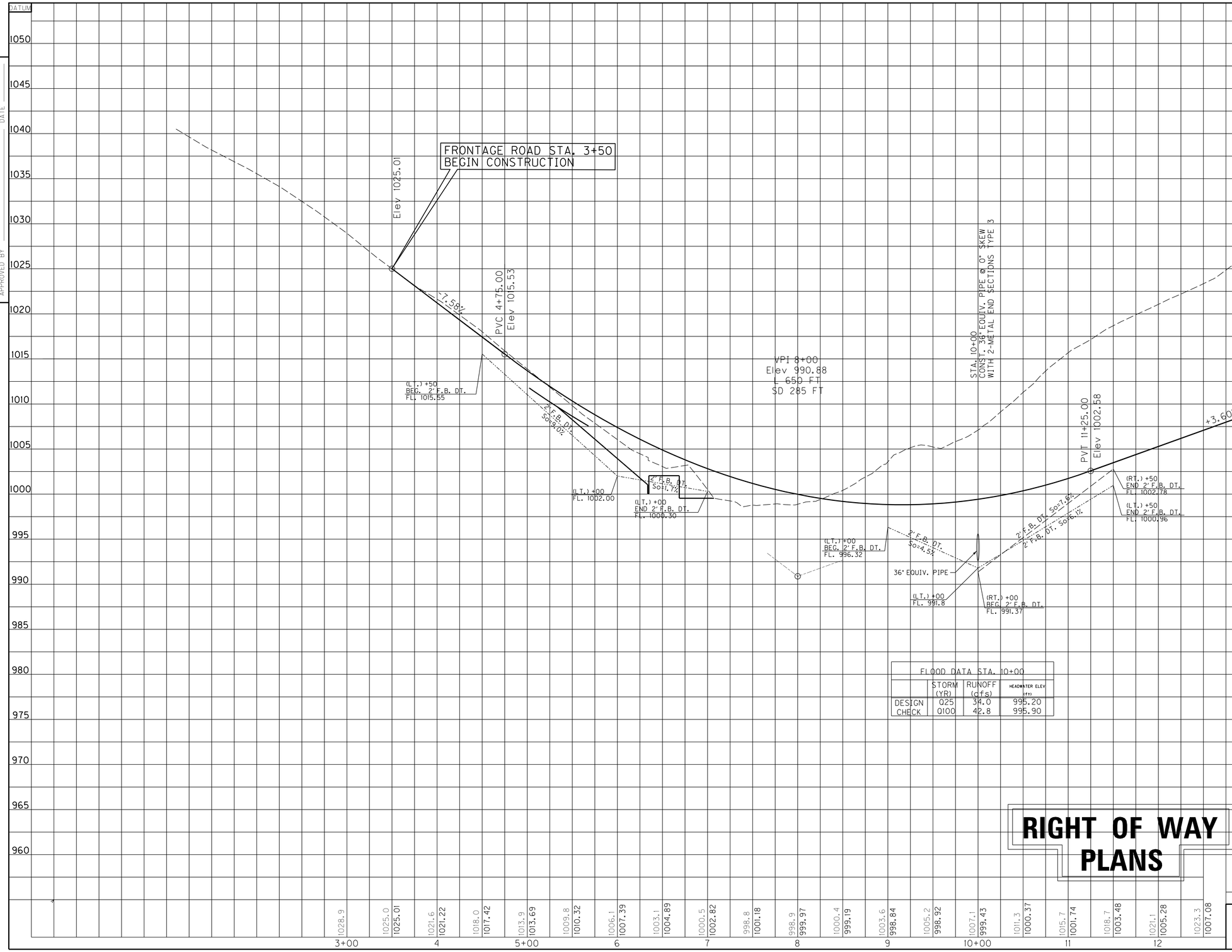
FRONTAGE ROAD
STA. 3+50 TO STA. 15+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R34

REVISED PLANS DATE: 2/24/16

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



FLOOD DATA STA. 10+00

	STORM (YR)	RUNOFF (c.f.s.)	HEADWATER ELEV. (ft)
DESIGN	Q25	34.0	995.20
CHECK	Q100	42.8	995.90

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

RIGHT OF WAY PLANS

FRONTAGE ROAD
STA. 3+50 TO STA. 15+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
Pulaski	8-59.60	R35

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
15+00 to 17+50	SPCL. "V"	E.C.B.	344 SY	1.5'	—
17+50 to 23+00	NORMAL. "V"	E.C.B.	530 SY	1.5'	—
23+00 to 25+00	SPCL. 2' F.B.	CL. IV	63 CY	1.0'	1.25'
25+00 to 27+50	SPCL. 2' F.B.	E.C.B.	399 SY	1.5'	—
27+50 to 29+50	SPCL. 2' F.B.	CL. IV	95 CY	1.0'	1.25'
29+50 to 30+00	SPCL. 2' F.B.	E.C.B.	64 SY	1.5'	—

E.C.B.~EROSION CONTROL BLANKET

ENTRANCE CONSTRUCTION									
STATION	TYPE	WIDTH	RADIUS	PIPE		DGA TON	BASE TON	SURF TON	TBB TON
				DIA.	LENGTH				
18+00 LT.	FIELD	16'	25'	-	-	-	-	-	34
24+55 LT.	RES.	16'	25'	18"	40'	-	-	-	37

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

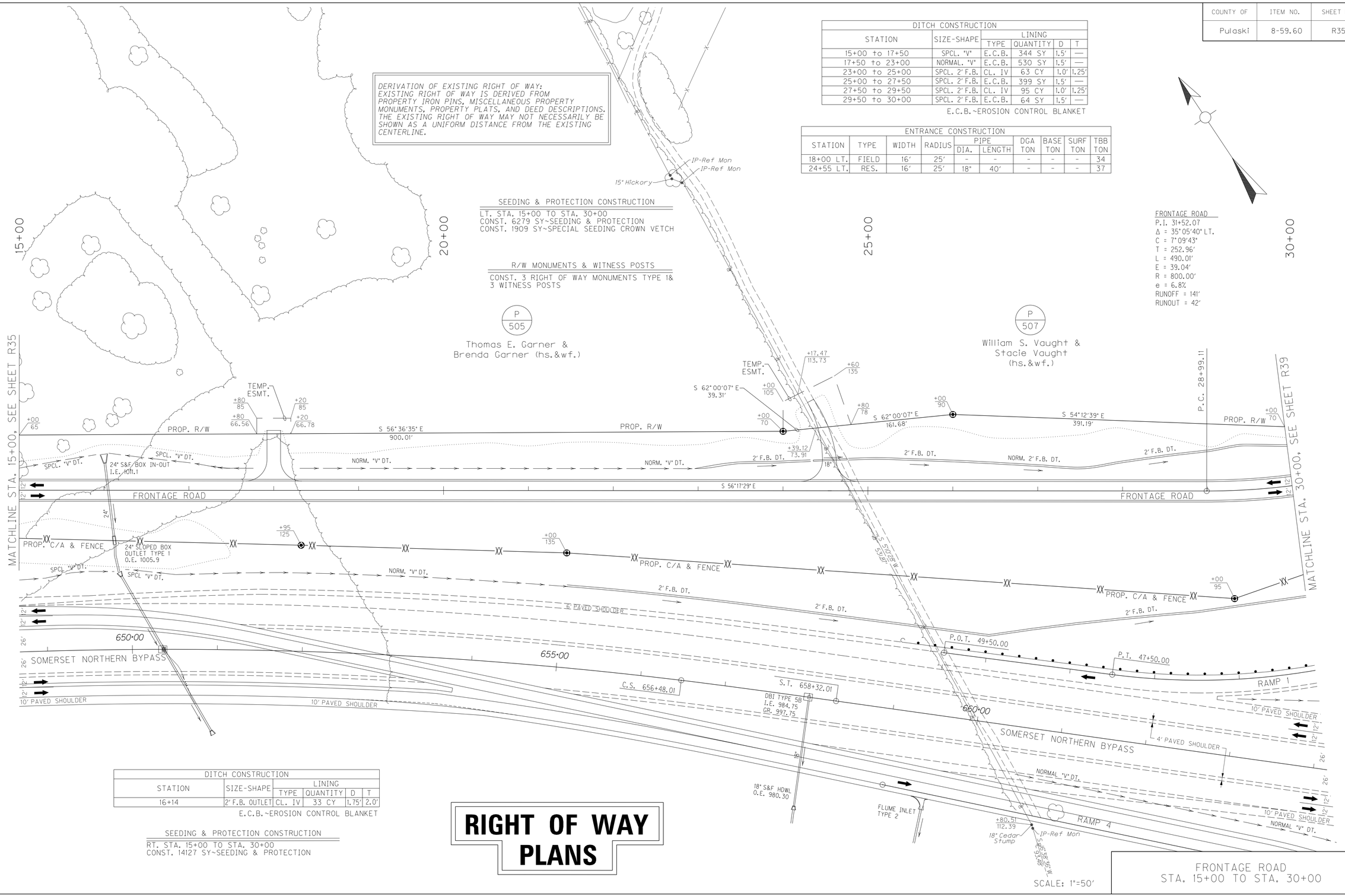
SEEDING & PROTECTION CONSTRUCTION

LT. STA. 15+00 TO STA. 30+00
CONST. 6279 SY~SEEDING & PROTECTION
CONST. 1909 SY~SPECIAL SEEDING CROWN VETCH

R/W MONUMENTS & WITNESS POSTS

CONST. 3 RIGHT OF WAY MONUMENTS TYPE 1& 3 WITNESS POSTS

FRONTAGE ROAD
P.I. 31+52.07
Δ = 35°05'40" LT.
C = 7°09'43"
T = 252.96'
L = 490.01'
E = 39.04'
R = 800.00'
e = 6.8%
RUNOFF = 141'
RUNOUT = 42'



DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
16+14	2' F.B. OUTLET	CL. IV	33 CY	1.75'	2.0'

E.C.B.~EROSION CONTROL BLANKET

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 15+00 TO STA. 30+00
CONST. 14127 SY~SEEDING & PROTECTION

RIGHT OF WAY PLANS

SCALE: 1"=50'

FRONTAGE ROAD
STA. 15+00 TO STA. 30+00

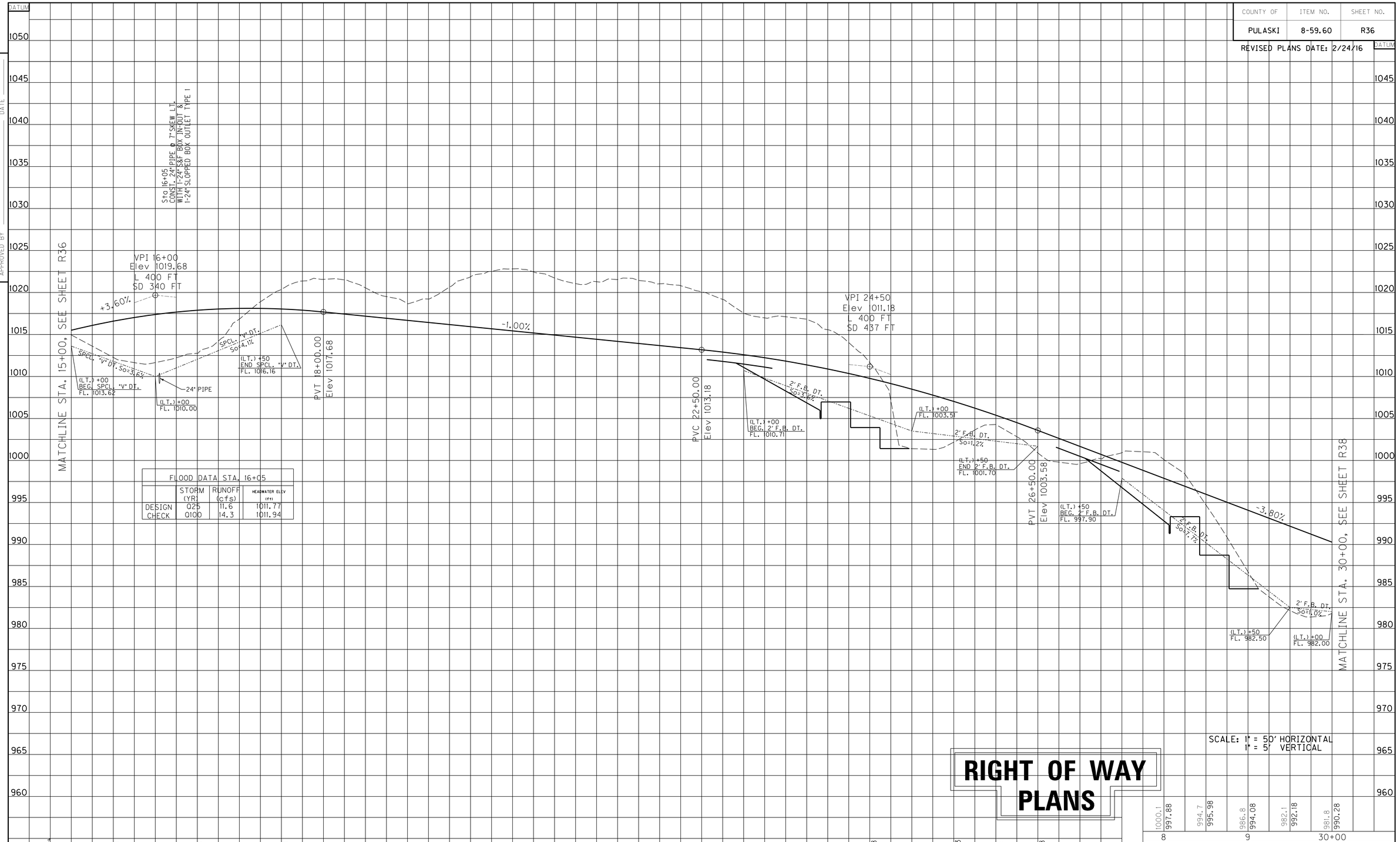
PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$$file$$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R36

REVISED PLANS DATE: 2/24/16

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



FLOOD DATA STA. 16+05			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	11.6	1011.77
CHECK	0100	14.3	1011.94

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

RIGHT OF WAY PLANS

FRONTAGE ROAD
STA. 15+00 TO STA. 30+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
Pulaski	8-59.60	R37

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
30+00 to 32+00	SPCL. 2' F.B.	E.C.B.	256 SY	1.5'	—
32+00 to 35+00	SPCL. 2' F.B.	CL. IV	138 CY	1.25'	1.25'
35+00 to 36+30	2' F.B. SURF.	CL. IV	111 CY	1.5'	2.0'
37+50 to 41+00	2' F.B. SURF.	CL. IV	186 CY	1.5'	1.25'
43+35	OUTLET	-	-	-	-
41+00 to 43+30	2' F.B. SURF.	E.C.B.	374 SY	2.0'	—
43+30 to 45+00	2' F.B. SURF.	CL. IV	58 CY	1.0'	1.25'
61+50 to 64+50 (B'BURG RD.)	NORM. 2' F.B.	E.C.B.	479 SY	1.5'	—
64+50 to 66+40 (B'BURG RD.)	2' F.B. SURF.	E.C.B.	243 SY	1.5'	—

E.C.B.~EROSION CONTROL BLANKET

ENTRANCE CONSTRUCTION									
STATION	TYPE	WIDTH	RADIUS	PIPE		DGA TON	BASE TON	SURF TON	TBB TON
				DIA.	LENGTH				
62+17 LT.	RES.	12'	25'	-	-	-	-	-	14
63+71 LT.	RES.	12'	25'	-	-	-	-	-	22
64+50 LT.	FIELD	16'	25'	-	-	50	23	15	-

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
64+63	1	-	45+00	-	-	987.5 FT

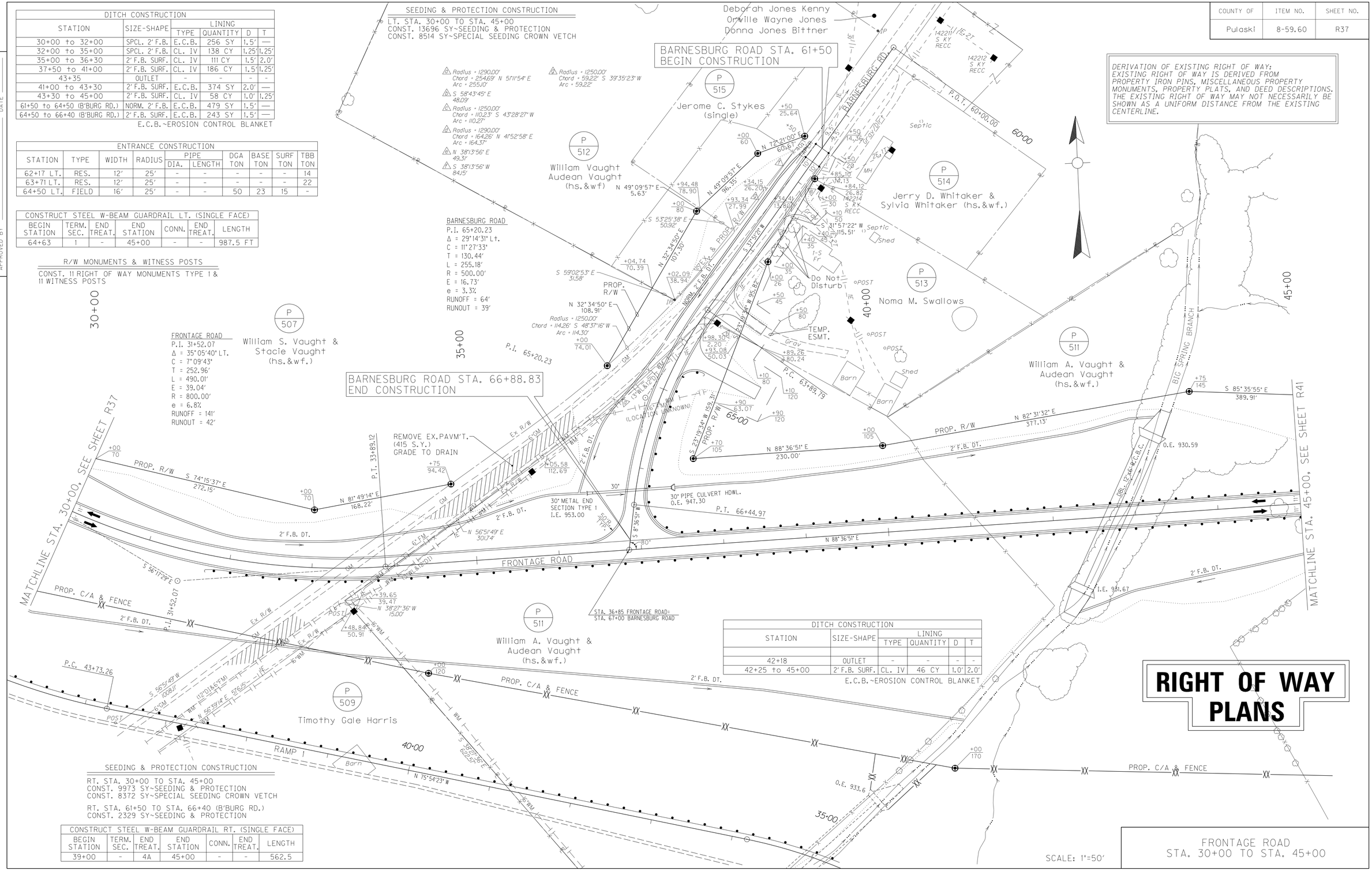
R/W MONUMENTS & WITNESS POSTS

CONST. 11 RIGHT OF WAY MONUMENTS TYPE 1 & 11 WITNESS POSTS

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 30+00 TO STA. 45+00
CONST. 13696 SY~SEEDING & PROTECTION
CONST. 8514 SY~SPECIAL SEEDING CROWN VETCH

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.



DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
42+18	OUTLET	-	-	-	-
42+25 to 45+00	2' F.B. SURF.	CL. IV	46 CY	1.0'	2.0'

E.C.B.~EROSION CONTROL BLANKET

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 30+00 TO STA. 45+00
CONST. 9973 SY~SEEDING & PROTECTION
CONST. 8372 SY~SPECIAL SEEDING CROWN VETCH

RT. STA. 61+50 TO STA. 66+40 (B'BURG RD.)
CONST. 2329 SY~SEEDING & PROTECTION

CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
39+00	-	4A	45+00	-	-	562.5

RIGHT OF WAY PLANS

SCALE: 1"=50'

FRONTAGE ROAD
STA. 30+00 TO STA. 45+00

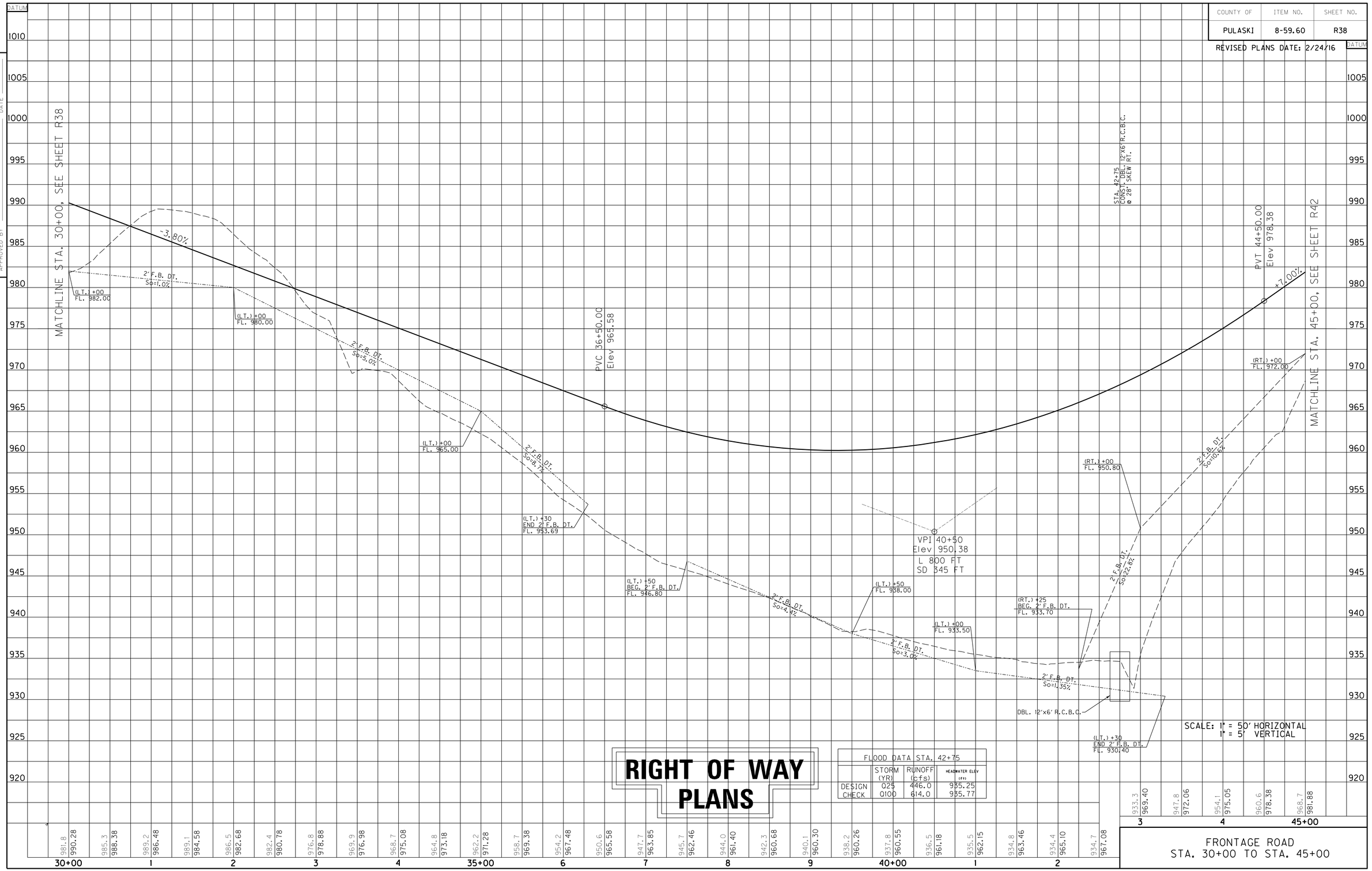
PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R38

REVISED PLANS DATE: 2/24/16

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____



RIGHT OF WAY PLANS

FLOOD DATA STA. 42+75			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	446.0	935.25
CHECK	0100	614.0	935.77

FRONTAGE ROAD
STA. 30+00 TO STA. 45+00

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
Pulaski	8-59.60	R39

REVISED PLANS DATE: 2/24/16

CONSTRUCT STEEL W-BEAM GUARDRAIL LT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	TERM. SEC.	LENGTH
45+00	-	-	48+93	-	1	425 FT

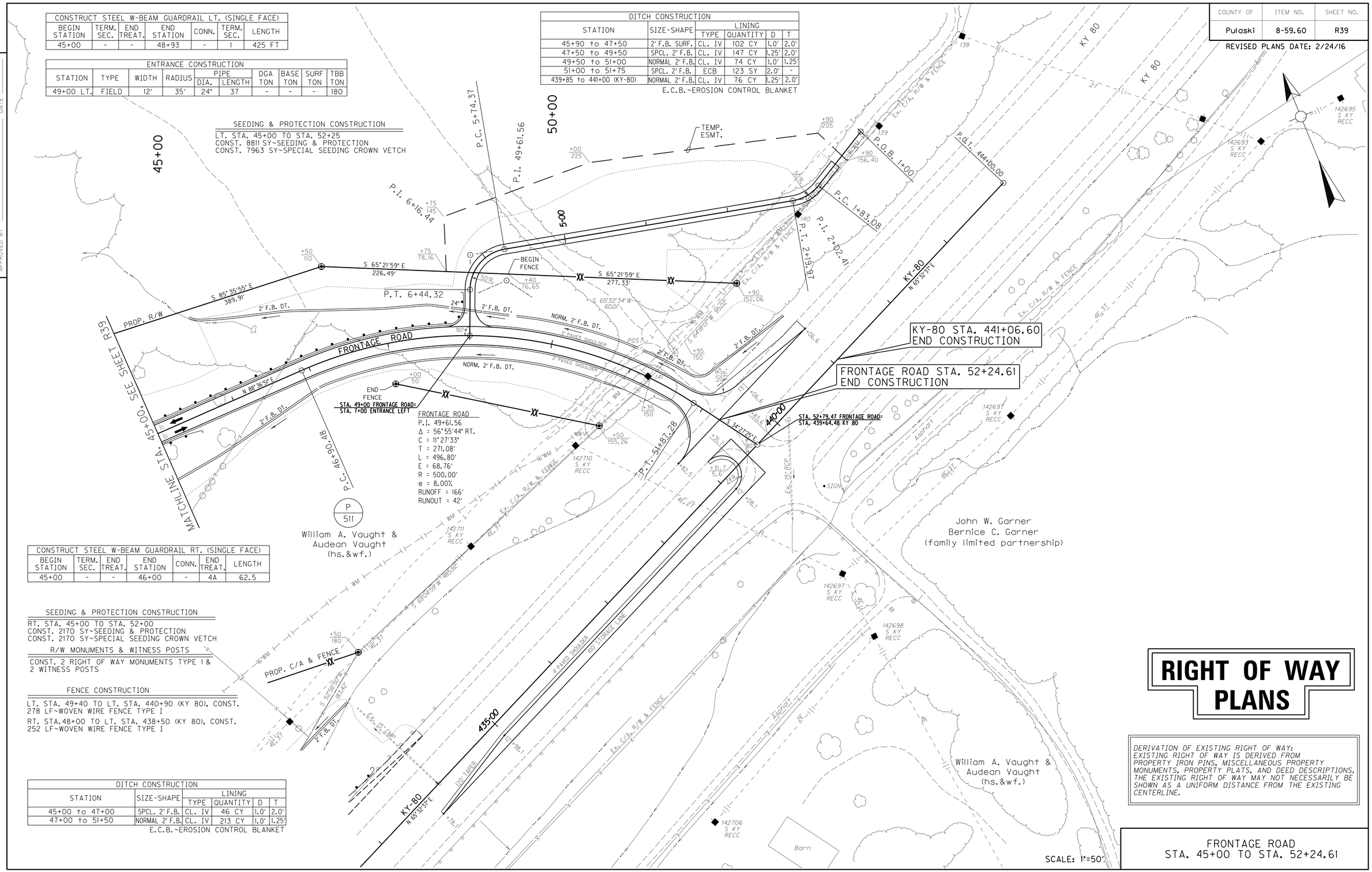
ENTRANCE CONSTRUCTION									
STATION	TYPE	WIDTH	RADIUS	PIPE		DGA TON	BASE TON	SURF TON	TBB TON
				DIA.	LENGTH				
49+00 LT.	FIELD	12'	35'	24"	37	-	-	-	180

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
45+90 to 47+50	2' F.B. SURF.	CL. IV	102 CY	1.0'	2.0'
47+50 to 49+50	SPCL. 2' F.B.	CL. IV	147 CY	1.25'	2.0'
49+50 to 51+00	NORMAL 2' F.B.	CL. IV	74 CY	1.0'	1.25'
51+00 to 51+75	SPCL. 2' F.B.	ECB	123 SY	2.0'	-
439+85 to 441+00 (KY-80)	NORMAL 2' F.B.	CL. IV	76 CY	1.25'	2.0'

E.C.B.~EROSION CONTROL BLANKET

SEEDING & PROTECTION CONSTRUCTION

LT. STA. 45+00 TO STA. 52+25
CONST. 8811 SY~SEEDING & PROTECTION
CONST. 7963 SY~SPECIAL SEEDING CROWN VETCH



CONSTRUCT STEEL W-BEAM GUARDRAIL RT. (SINGLE FACE)						
BEGIN STATION	TERM. SEC.	END TREAT.	END STATION	CONN.	END TREAT.	LENGTH
45+00	-	-	46+00	-	4A	62.5

SEEDING & PROTECTION CONSTRUCTION

RT. STA. 45+00 TO STA. 52+00
CONST. 2170 SY~SEEDING & PROTECTION
CONST. 2170 SY~SPECIAL SEEDING CROWN VETCH

R/W MONUMENTS & WITNESS POSTS

CONST. 2 RIGHT OF WAY MONUMENTS TYPE 1 & 2 WITNESS POSTS

FENCE CONSTRUCTION

LT. STA. 49+40 TO LT. STA. 440+90 (KY 80), CONST. 278 LF~WOVEN WIRE FENCE TYPE I

RT. STA.48+00 TO LT. STA. 438+50 (KY 80), CONST. 252 LF~WOVEN WIRE FENCE TYPE I

DITCH CONSTRUCTION					
STATION	SIZE-SHAPE	LINING			
		TYPE	QUANTITY	D	T
45+00 to 47+00	SPCL. 2' F.B.	CL. IV	46 CY	1.0'	2.0'
47+00 to 51+50	NORMAL 2' F.B.	CL. IV	213 CY	1.0'	1.25'

E.C.B.~EROSION CONTROL BLANKET

RIGHT OF WAY PLANS

DERIVATION OF EXISTING RIGHT OF WAY:
EXISTING RIGHT OF WAY IS DERIVED FROM PROPERTY IRON PINS, MISCELLANEOUS PROPERTY MONUMENTS, PROPERTY PLATS, AND DEED DESCRIPTIONS. THE EXISTING RIGHT OF WAY MAY NOT NECESSARILY BE SHOWN AS A UNIFORM DISTANCE FROM THE EXISTING CENTERLINE.

FRONTAGE ROAD
STA. 45+00 TO STA. 52+24.61

SCALE: 1"=50'

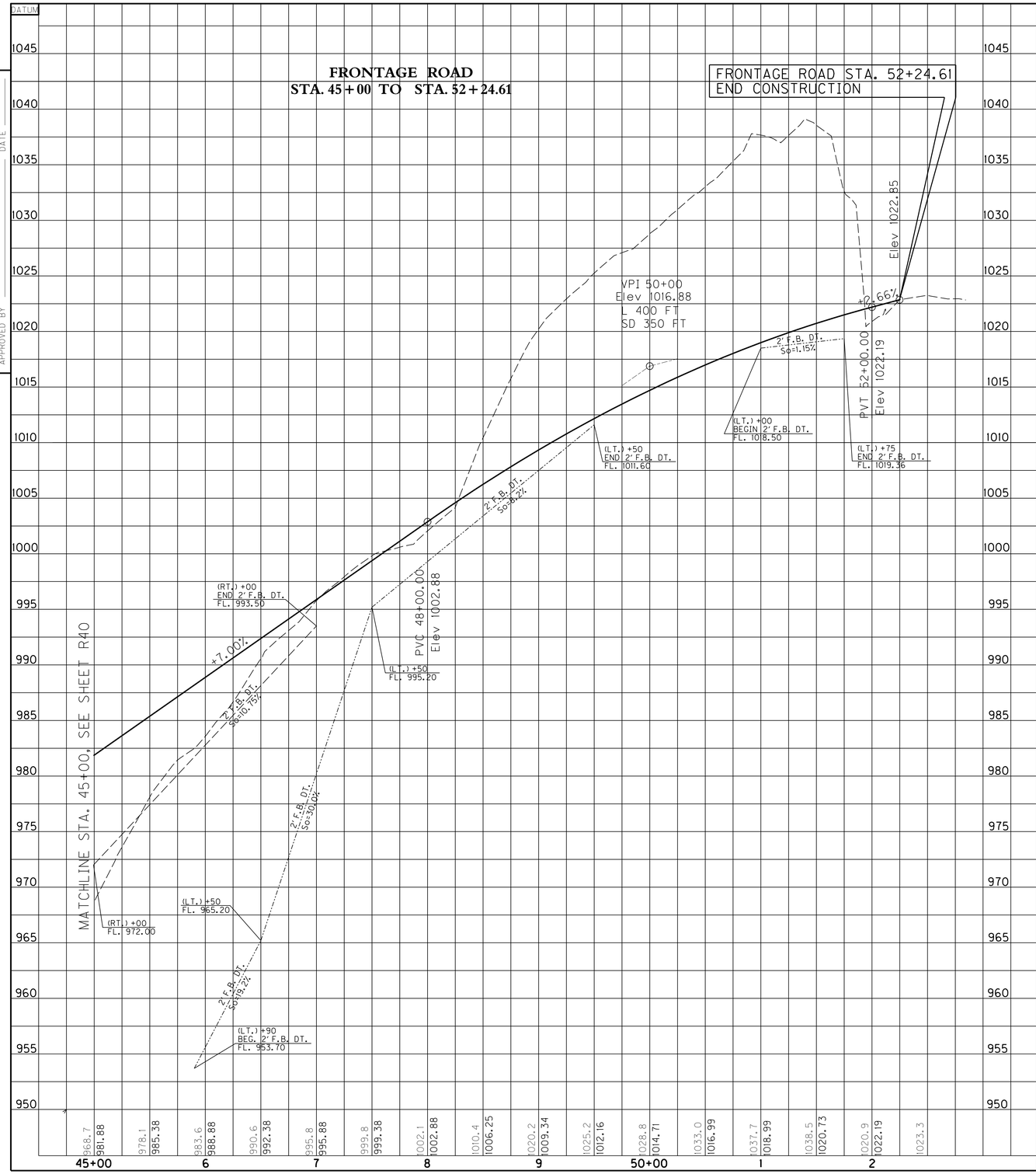
PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

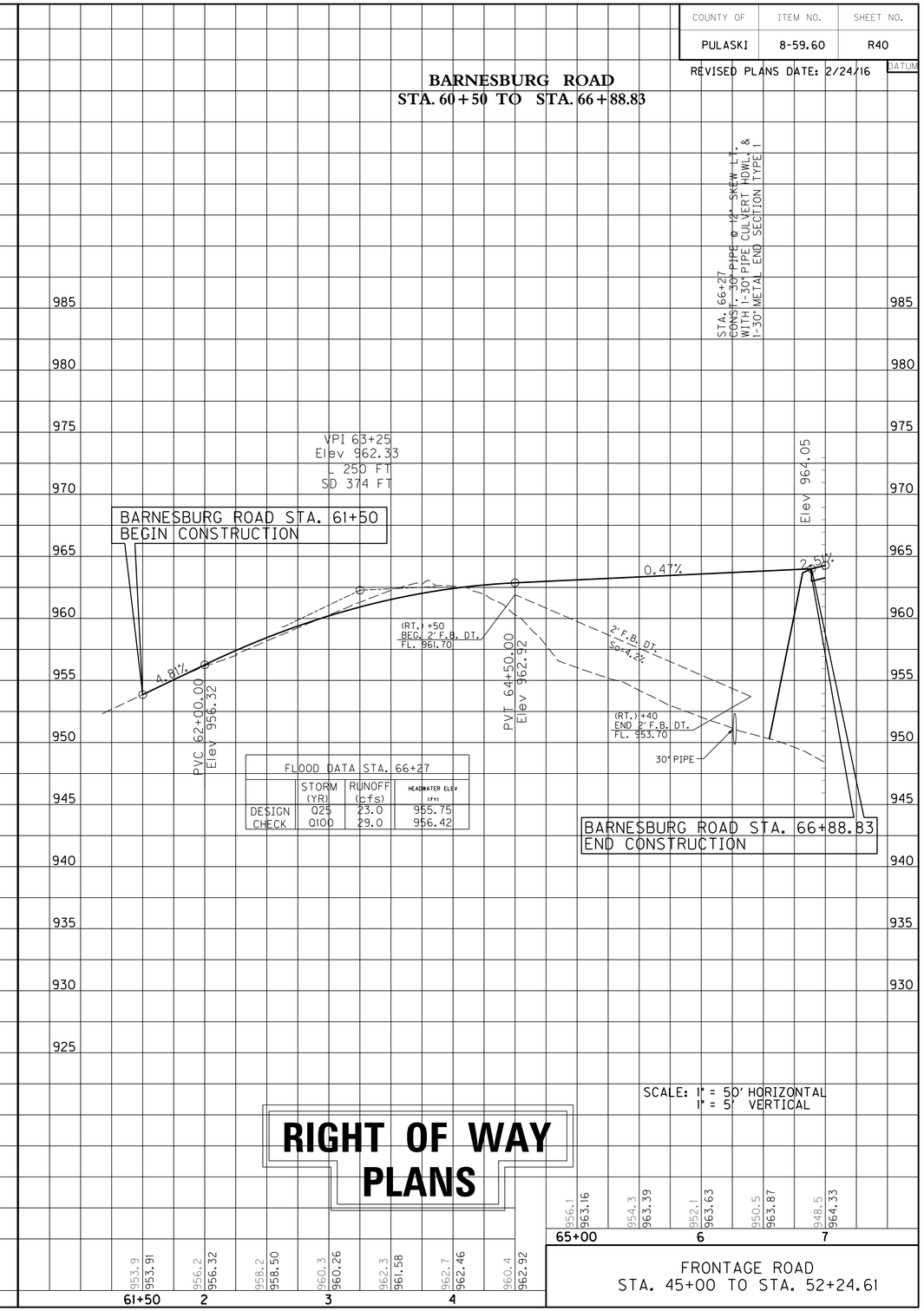
USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R40

REVISED PLANS DATE: 2/24/16

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____





FLOOD DATA STA. 66+27			
	STORM (YR)	RUNOFF (cfs)	HEADWATER ELEV (ft)
DESIGN	025	23.0	955.75
CHECK	0100	29.0	956.42

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

RIGHT OF WAY PLANS

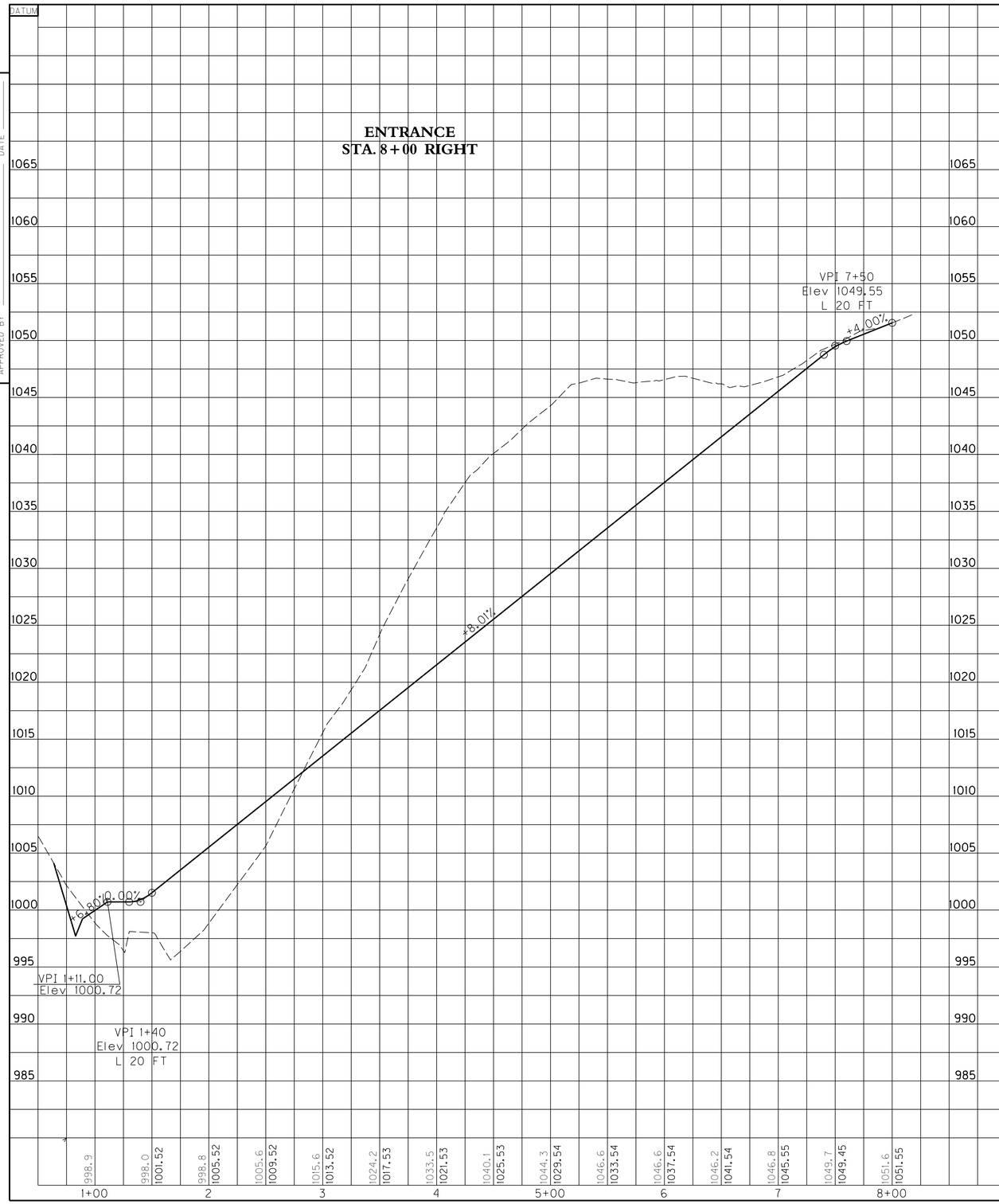
FRONTAGE ROAD
STA. 45+00 TO STA. 52+24.61

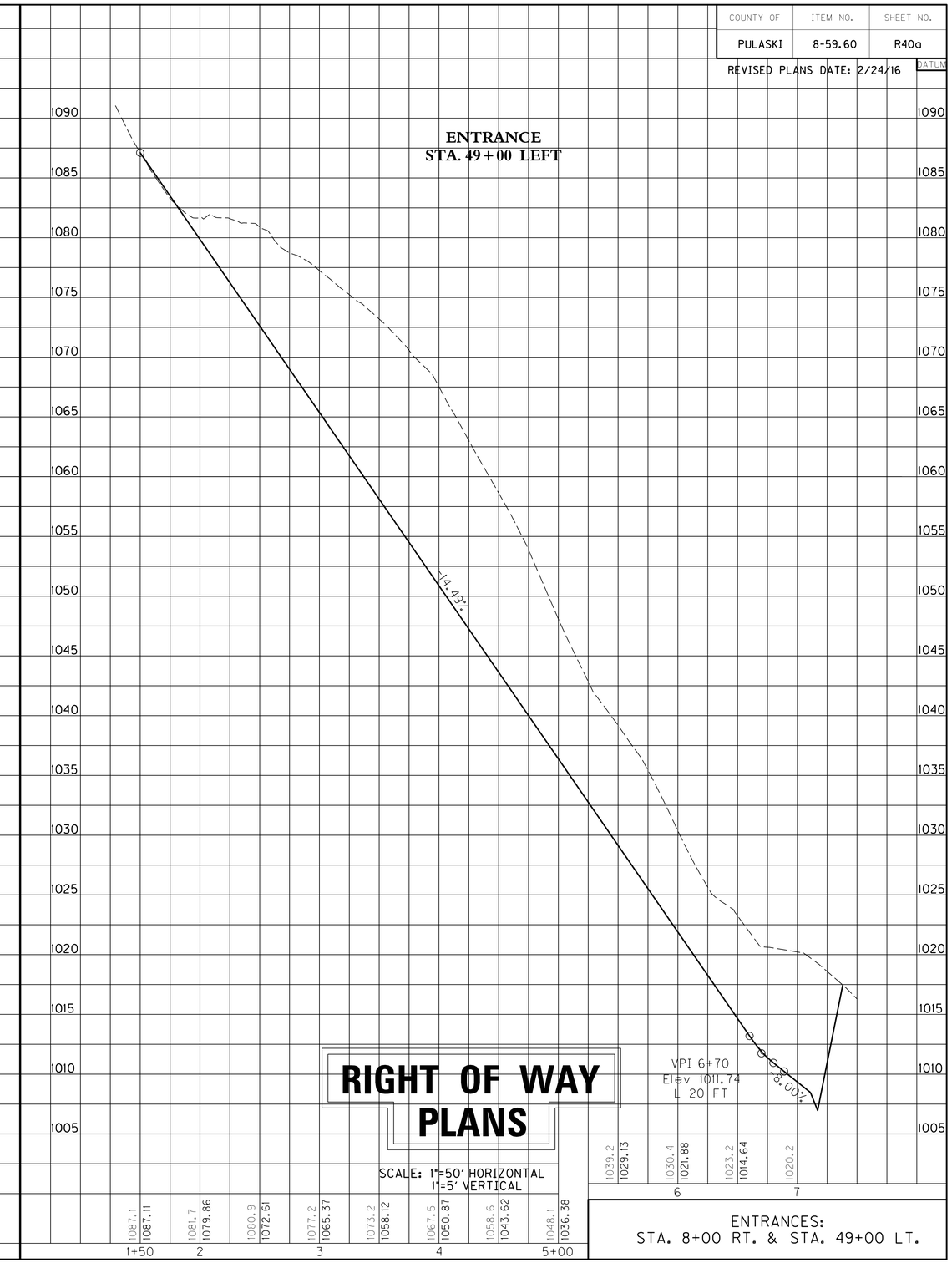
USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R40a

REVISED PLANS DATE: 2/24/16

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____





RIGHT OF WAY PLANS

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

ENTRANCES:
STA. 8+00 RT. & STA. 49+00 LT.

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R41

REVISED PLANS DATE: 2/24/16

RIGHT OF WAY SUMMARY

PARCEL NO.	NAME	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				HAZARDOUS WASTE	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		
500	~~Ernest Alexander & Cynthia Alexander (hs. & wf.)~~	② ~~24.754~~	~~1078284~~	~~0.144~~	~~6259~~			~~24.610~~	~~1072025~~					~~24.610~~	~~1072025~~									DB 634 PG 244
502	Charles R. Rimer & Lorraine Z. Rimer (wf.)	② 77.250	3365010	15.451	673067	2702	658	31.981	1393076	29.818 LL	1298878 LL			61.799	2691954									DB 440 PG 33
503	Hinkle Contracting Corp.	② 30.404	1324398	0.063	2741			29.130	1268886					30.341	1321657									DB 803 PG 260, DB 23 PG 538
504	Thomas C. Garner & Kathy Garner Family Living Trust	② 202.750	8831790	16.401	714407	21110	66007	177.591	7735880	4.447 4.311 LL	193701 187802 LL			186.349	8117383									DB 927 PG 232: Tract VII
505	Thomas E. Garner & Brenda Garner (hs.&wf.)	② 170.213	7414478	16.572	721882		2358	32.911	1433588	120.730	5259008			153.641	6692596									DB 702 PG 210
506	Canaan Baptist Church, C/O Troy Hayes, ET AL	② 9.604	418368	0.124	5404			9.480	412964					9.480	412964									DB 712 PG 700
507	William S. Vaught & Stacie Vaught (hs.&wf.)	① 54.743	2384605	8.468	368841		2283	44.946	1957880	1.329	57884			46.375	2015764									DB 862 PG 444
508	Virthel Taylor & Geneva Taylor (hs. & wf.)	① 1.250	54450	1.073	46747					0.177	7709	0.177	7709	Total	Take									DB 435 PG 637
509	Timothy Gale Harris	① 6.720	292718	6.720	292718									0	0						1			DB 664 PG 96
510	John W. Garner & Bernice C. Garner Family Limited Partnership	① 10.908	475152	5.592	243608					5.316	231544			5.316	231544									DB 111 PG 514, WB 9 PG 427, WB 10 PG 423
511	William A. Vaught & Audean Vaught (hs.&wf.)	① 99.350	4327686	19.449	847188		63301	79.901	3480498					79.901	3480498						1			DB 809 PG 49
512	William Vaught & Audean Vaught (hs.&wf.)	② 8.769	381978	0.109	4740					8.660	377238			8.660	377238									DB 777 PG 542
513	RC Investments, LLC	② 1.318	57395	0.085	3684		3897	1.233	53711					1.233	53711									DB 858 PG 010
514	Jerry D. Whitaker & Sylvia Whitaker (hs.&wf.)	② 0.780	33977				319	0.780	33977					0.780	33977									DB 768 PG 403
515	Jerome C. Stykes (single)	② 2.139	93175	0.112	4871					2.027	88304			2.027	88304									DB 776 PG 266
516	The Evelyn Debord Family Limited Partnership, Evelyn Debord, General Partner	① 168.060	7320709	10.671	464824	32894	2839	0.223 LL	9694 LL	157.166	6846191			157.389	6855885							3		DB 681 PG 616
517	Wade Phelps & Jannetta Phelps (hs. & wf.)	② 0.896	39039	0.896	39039					Total	Take			Total	Take									DB 726 PG 359
518	The Evelyn Debord Family Limited Partnership, Evelyn Debord, General Partner	① 342.940	14938451	34.309	1494488	5005	20611	223.376 0.098 LL	9730256 4257 LL	85.255	3713707			308.631	13443963						1	3		DB 681 PG 616

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

THIS PROJECT IS A FULLY CONTROLLED ACCESS HIGHWAY MAINLINE STA. 545+00 TO STA. 674+60

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT COLEMAN RD. STA. 40+50 TO STA. 69+50 AND FRONTAGE RD. STA. 3+50 TO STA. 49+40

① AREA CALCULATED
② AREA FROM DEED
③ AREA FROM PVA

RIGHT OF WAY PLANS

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

HAZARDOUS WASTE
UST - UNDERGROUND STORAGE TANK

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

Cell Library: kytc.cel
Cell Name: srrs
DD-MMM-YYYY HH:MM

RIGHT-OF-WAY SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R42

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

RIGHT OF WAY PLANS

R/W STRIP MAP
SOMERSET NORTHERN BYPASS
STA. 545+00 TO STA. 605+00

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R43

REVISED PLANS DATE: 2/24/16

PREPARED BY	AMERICAN ENGINEERS, INC.	DATE	08-08-03
CHECKED BY	AMERICAN ENGINEERS, INC.	DATE	08-08-03
APPROVED BY		DATE	

USER: $$$$USER$$$$

DATE: 9-28-07

FILE NAME: $$$$design$file$specification$$$$

E-SHEET NAME:

RIGHT OF WAY PLANS

SCALE: 1"= 200'

R/W STRIP MAP
SOMERSET NORTHERN BYPASS
STA. 605+00 TO STA. 655+00

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R44

REVISED PLANS DATE: 2/24/16

RIGHT OF WAY PLANS

RIGHT OF WAY STRIP MAP
SOMERSET NORTHERN BYPASS
STA. 655+00 TO STA. 682+81

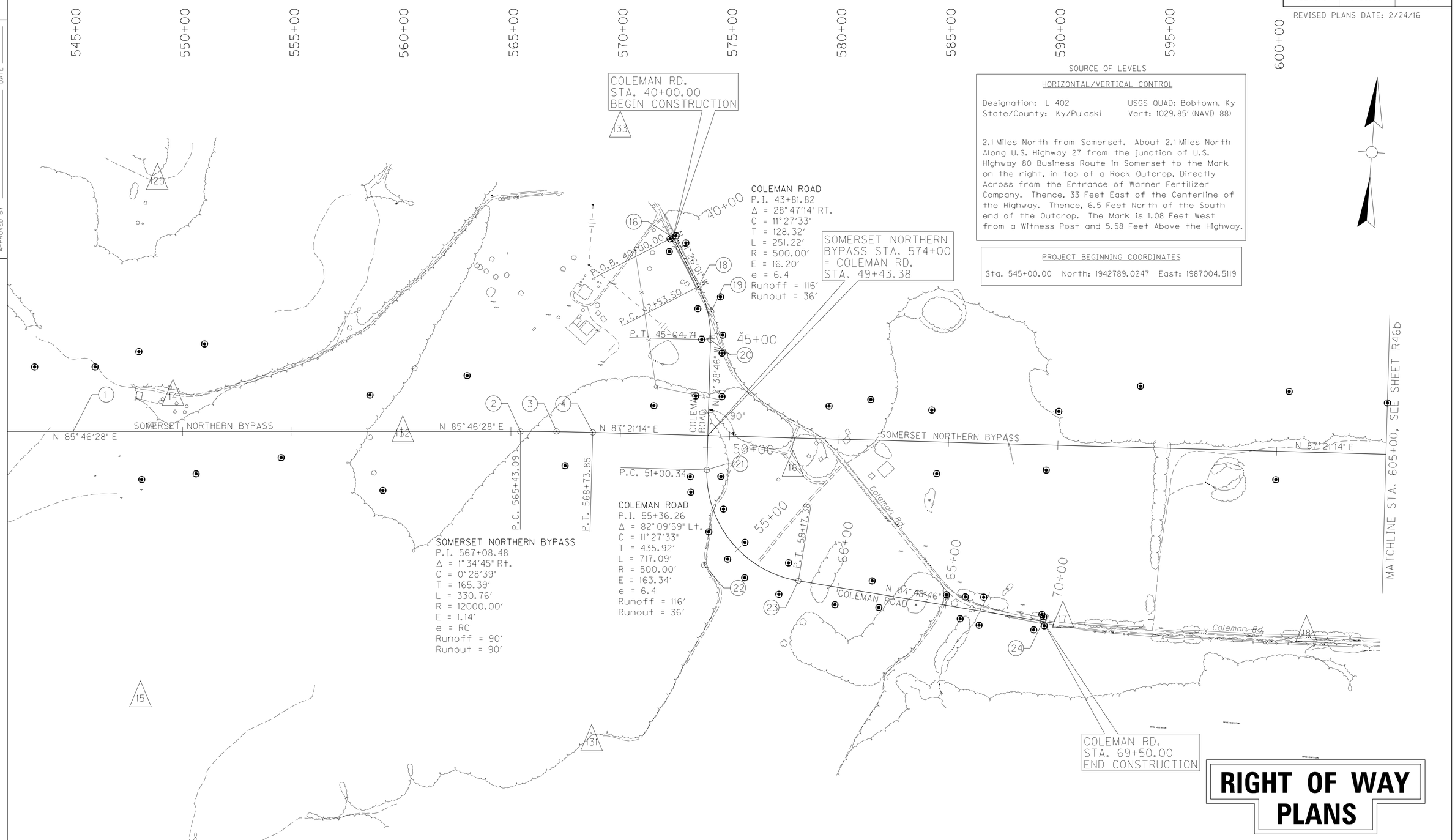
PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

USER: $USER$$$$
DATE: $DATE$$$$
$$FILE NAME: $file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R45

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY _____ DATE _____



SOURCE OF LEVELS

HORIZONTAL/VERTICAL CONTROL

Designation: L 402 USGS QUAD: Bobtown, Ky
State/County: Ky/Pulaski Vert: 1029.85' (NAVD 88)

2.1 Miles North from Somerset. About 2.1 Miles North Along U.S. Highway 27 from the junction of U.S. Highway 80 Business Route in Somerset to the Mark on the right, in top of a Rock Outcrop, Directly Across from the Entrance of Warner Fertilizer Company. Thence, 33 Feet East of the Centerline of the Highway. Thence, 6.5 Feet North of the South end of the Outcrop. The Mark is 1.08 Feet West from a Witness Post and 5.58 Feet Above the Highway.

PROJECT BEGINNING COORDINATES

Sta. 545+00.00 North: 1942789.0247 East: 1987004.5119

RIGHT OF WAY PLANS

SCALE: 1"= 200'

COORDINATE CONTROL
SOMERSET NORTHERN BYPASS
STA. 545+00.00 TO STA. 605+00.00

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R46

REVISED PLANS DATE: 2/24/16

PREPARED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
CHECKED BY AMERICAN ENGINEERS, INC. DATE 08-08-03
APPROVED BY DATE

RIGHT OF WAY PLANS

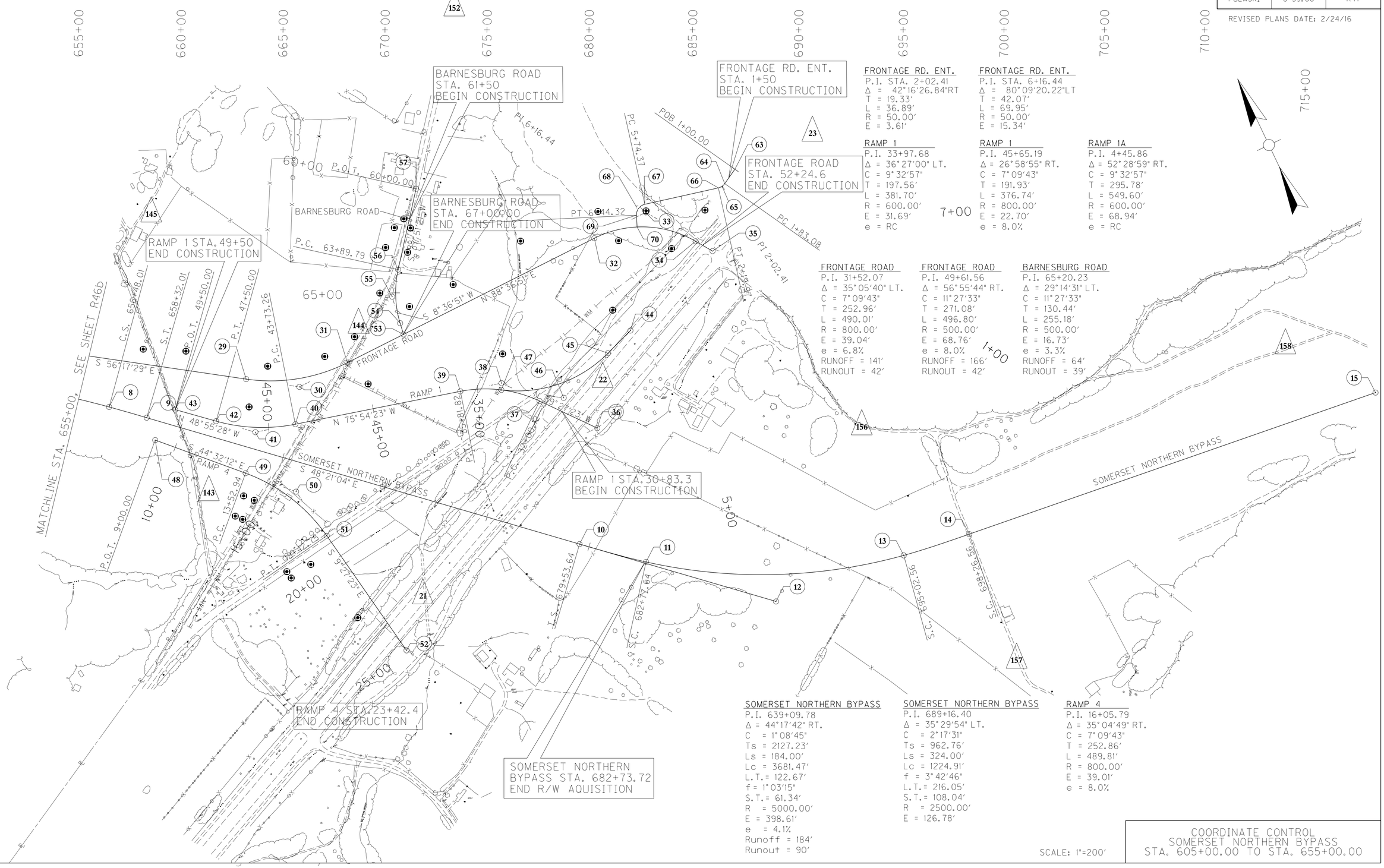
SCALE: 1"= 200'

COORDINATE CONTROL
SOMERSET NORTHERN BYPASS
STA. 605+00.00 TO STA. 655+00.00

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$files$specification$$$$
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R47

REVISED PLANS DATE: 2/24/16



COORDINATE CONTROL
SOMERSET NORTHERN BYPASS
STA. 605+00.00 TO STA. 655+00.00

PREPARED BY ____ DATE ____
CHECKED BY ____ DATE ____
APPROVED BY ____ DATE ____

AMERICAN ENGINEERS, INC. 08-08-03
AMERICAN ENGINEERS, INC. 08-08-03

USER: $$$$USER$$$$
DATE: $$$$DATE$$$$
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

REFERENCE SHEET

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R48

REVISED PLANS DATE: 2/24/16

POINT NO.	DESCRIPTION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
1	P.O.T. 545+00 MAINLINE	1942789.0247	1987004.5119
2	P.C. 565+43.09 MAINLINE	1942939.5628	1989042.0503
3	P.I. 567+08.48 MAINLINE	1942951.7489	1989206.9903
4	P.T. 568+73.85 MAINLINE	1942959.3848	1989372.2034
5	T.S. 617+82.54 MAINLINE	1943186.0128	1994275.6580
6	S.C. 619+66.54 MAINLINE	1943193.3802	1994459.5076
7	P.I. 639+09.77 MAINLINE	1943284.2218	1996400.6228
8	C.S. 656+48.01 MAINLINE	1941991.9737	1997851.9284
9	S.T. 658+32.01 MAINLINE	1941870.5414	1997990.1644
10	T.S. 679+53.64 MAINLINE	1940460.5829	1999575.5151
11	S.C. 682+77.64 MAINLINE	1940250.5826	1999822.1661
12	P.I. 689+16.40 MAINLINE	1939820.7695	2000294.9183
13	C.S. 695+02.56 MAINLINE	1939759.2761	2000930.8841
14	S.T. 698+26.56 MAINLINE	1939717.6220	2001252.1344
15	P.O.E. 718+51.07 MAINLINE	1939500.7209	2003264.9928
16	P.O.B. 40+00.00 COLEMAN RD	1943825.8369	1989672.4955
17	NOT USED		
18	P.C. 42+53.50 COLEMAN RD	1943659.5418	1989804.6967
19	P.I. 43+81.82 COLEMAN RD	1943550.0544	1989871.6156
20	P.T. 45+04.71 COLEMAN RD	1943421.8728	1989877.5399
21	P.C. 51+00.34 COLEMAN RD	1942826.8825	1989905.0391
22	P.I. 55+36.26 COLEMAN RD	1942391.4274	1989925.1650
23	P.T. 58+17.38 COLEMAN RD	1942352.0146	1990359.2996
24	P.O.E. 69+50.00 COLEMAN RD	1942249.6108	1991487.2857
25	P.O.B. 0+00.00 FRONTAGE RD	1943932.1580	1996897.0240
26	P.C. 5+38.28 FRONTAGE RD	1943394.8116	1996865.3019
27	P.I. 9+97.09 FRONTAGE RD	1942936.7960	1996838.2630
28	P.T. 13+71.43 FRONTAGE RD	1942682.1690	1997219.9363
29	P.C. 28+99.11 FRONTAGE RD	1941834.3573	1998490.7644
30	P.I. 31+52.07 FRONTAGE RD	1941693.9700	1998701.1980
31	P.T. 33+89.12 FRONTAGE RD	1941700.0882	1998954.0882
32	P.C. 46+90.48 FRONTAGE RD	1941731.5628	2000255.0719
33	P.I. 49+61.56 FRONTAGE RD	1941738.1190	2000526.0690
34	P.T. 51+87.28 FRONTAGE RD	1941514.6026	2000679.4405
35	P.O.E. 52+79.47 FRONTAGE RD	1941438.5847	2000731.6022

POINT NO.	DESCRIPTION	STATE PLANE COORDINATES	
		NORTH (Y)	EAST (X)
36	P.O.B. 29+00.00 RAMP 1	1940918.0794	1999884.6159
37	P.C. 32+00.12 RAMP 1	1941149.8023	1999693.8945
38	P.I. 33+97.68 RAMP 1	1941302.3404	1999568.3468
39	P.T. 35+81.82 RAMP 1	1941350.4477	1999376.7332
40	P.C. 43+73.26 RAMP 1	1941543.1686	1998609.1161
41	P.I. 45+65.19 RAMP 1	1941589.9048	1998422.9636
42	P.T. 47+50.00 RAMP 1	1941716.0129	1998278.2786
43	P.O.E. 49+50.00 RAMP 1	1941847.4236	1998127.5098
44	P.O.B. 0+00.00 RAMP 1A	1941266.3090	2000222.3440
45	P.C. 1+50.08 RAMP 1A	1941215.2406	2000081.2155
46	P.I. 4+45.86 RAMP 1A	1941114.5980	1999803.0880
47	P.T. 6+99.68 RAMP 1A	1941273.9101	1999553.8823
48	P.I. 9+00.00 RAMP 4	1941758.1057	1997981.1598
49	P.C. 13+52.94 RAMP 4	1941435.2501	1998298.8352
50	P.I. 16+05.79 RAMP 4	1941255.0143	1998476.1791
51	P.T. 18+42.75 RAMP 4	1941005.5950	1998517.7223
52	P.O.E. 25+00.00 RAMP 4	1940357.2780	1998625.7058
53	P.O.E. 67+00.00 BARNESBURG ROAD	1941707.2443	1999249.8847
54	P.T. 66+44.97 BARNESBURG ROAD	1941761.6499	1999258.1265
55	P.I. 65+20.23 BARNESBURG ROAD	1941890.6136	1999277.6629
56	P.C. 63+89.79 BARNESBURG ROAD	1941993.5995	1999357.7081
57	P.O.B. 60+00.00 BARNESBURG ROAD	1942301.3612	1999596.9141
58	P.O.B. 1+00.00 FRONTAGE ROAD ENT. 8+00	1943135.6834	1996892.5079
59	P.C. 1+69.89 FRONTAGE ROAD ENT. 8+00	1943117.1649	1996825.1192
60	P.I. 4+23.24 FRONTAGE ROAD ENT. 8+00	1943050.0314	1996580.8208
61	P.T. 6+21.57 FRONTAGE ROAD ENT. 8+00	1943242.2051	1996415.7213
62	P.O.E. 8+20.24 FRONTAGE ROAD ENT. 8+00	1943392.9005	1996286.2565
63	P.O.B. 1+00.00 FRONTAGE ROAD ENT. 49+00	1941741.9169	2000991.7418
64	P.C. 1+83.08 FRONTAGE ROAD ENT. 49+00	1941701.0118	2000919.4286
65	P.I. 2+02.41 FRONTAGE ROAD ENT. 49+00	1941691.4943	2000902.6033
66	P.T. 2+19.97 FRONTAGE ROAD ENT. 49+00	1941695.7700	2000883.7516
67	P.C. 5+74.37 FRONTAGE ROAD ENT. 49+00	1941774.1590	2000538.1293
68	P.I. 6+16.44 FRONTAGE ROAD ENT. 49+00	1941783.4646	2000497.1006
69	P.T. 6+44.32 FRONTAGE ROAD ENT. 49+00	1941744.6309	2000480.9172
70	P.O.E. 7+00.00 FRONTAGE ROAD ENT. 49+00	1941693.2364	2000459.4993

POINT NO.	DESCRIPTION	PROJECT COORDINATES			STATION and OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)	
14	CONCRETE MONUMENT w/ 5/8 STEEL REBAR	1942981.190	1987446.940	1258.37	549+55.38 M.L. 159.04' LT.
15	CONCRETE MONUMENT w/ 5/8 STEEL REBAR	1941595.810	1987400.510	1415.42	548+07.00 M.L. 1219.15' RT.
16	CONCRETE MONUMENT w/ 5/8 STEEL REBAR	1942866.673	1990296.427	1009.25	577+92.81 M.L. 135.28' RT.
17	CONCRETE MONUMENT w/ 5/8 STEEL REBAR	1942269.410	1991577.550	1097.090	590+44.99 M.L. 791.06' RT.
18	CONCRETE MONUMENT w/ 5/8 STEEL REBAR	1942285.980	1992692.370	1063.65	601+59.39 M.L. 825.97' RT.
19	CONCRETE MONUMENT w/ 5/8 STEEL REBAR	1942202.800	1995576.190	1064.95	633+02.02 M.L. 874.95' RT.
20	CONCRETE MONUMENT w/ 5/8 STEEL REBAR	1942599.840	1997101.180	1015.15	646+89.10 M.L. 65.94' LT.
21	CONCRETE MONUMENT w/ REBAR	1940557.980	1998805.980	977.17	673+13.93 M.L. 438.62' RT.
22	CONCRETE MONUMENT w/ REBAR	1941115.510	2000006.690	988.74	678+40.59 M.L. 775.91' LT.
23	CONCRETE MONUMENT w/ REBAR	1941740.530	2001394.730	1044.46	697+42.84 M.L. 2026.43' LT.
29	5/8 STEEL REBAR w/ PLASTIC CAP	1943959.860	1987303.310	1116.49	548+84.25 M.L. 1145.64' LT.
31	5/8 STEEL REBAR w/ PLASTIC CAP	1941547.880	1989471.270	1112.01	569+07.64 M.L. 1414.57' RT.
32	5/8 STEEL REBAR w/ PLASTIC CAP	1942892.630	1988507.030	1115.24	560+06.07 M.L. 7.38' RT.
33	5/8 STEEL REBAR w/ PLASTIC CAP	1944354.150	1989395.480	1081.56	569+61.50 M.L. 1392.20' LT.
36	5/8 STEEL REBAR w/ PLASTIC CAP	1942291.560	1993367.030	1048.28	608+33.58 M.L. 851.55' RT.
37	5/8 STEEL REBAR w/ PLASTIC CAP	1941873.110	1994360.040	1023.48	618+06.63 M.L. 1315.40' RT.
43	PANEL POINT REBAR	1941428.330	1998103.840	962.95	662+10.83 M.L. 254.89' RT.
44	PANEL POINT REBAR	1941828.460	1999070.400	972.85	666+67.16 M.L. 686.44 LT.
45	5/8 STEEL REBAR w/ PLASTIC CAP	1942729.330	1998420.970	1013.56	656+07.79 M.L. 930.37 LT.
46	5/8 STEEL REBAR w/ PLASTIC CAP	1943958.050	1996878.630	1047.58	639+89.36 M.L. 1197.46 LT.
47	5/8 STEEL REBAR w/ PLASTIC CAP	1944685.350	1994267.460	1082.15	618+40.81 M.L. 1498.16' LT.
52	5/8 STEEL REBAR w/ PLASTIC CAP	1942995.020	2000124.720	928.13	666+79.74 M.L. 2258.77' LT.
56	5/8 STEEL REBAR w/ PLASTIC CAP	1940392.260	2001012.540	1057.34	694+64.99 M.L. 637.39' LT.
57	5/8 STEEL REBAR w/ PLASTIC CAP	1939087.700	2001200.290	995.740	698+42.57 M.L. 631.87' RT.
58	5/8 STEEL REBAR w/ PLASTIC CAP	1939882.460	2002976.900	992.670	715+23.73 M.L. 348.66' LT.

COORDINATE SYSTEM

Coordinates for horizontal control were obtained from GPS methods and adjusted to the National NAD83/FBN System.

Coordinates are based on State Plane Coordinate System, South Zone and in U.S. Feet.

BASIS OF ELEVATIONS

Elevations were derived from NGS/USGS Vertical Control Mark L 402. The Elevation used for this mark is 1029.85 and is the basis of elevation for this project. The location of the Benchmark is as follows:

2.1 MI N From Somerset. About 2.1 Miles North Along U.S. Highway 27 from the junction of U.S. Highway 80 Business Route in Somerset to the Mark on the right, in top of a Rock Outcrop, Directly Across from the Entrance of Warner Fertilizer Company. Thence, 33 Feet East of the Centerline of the Highway. Thence, 6.5 Feet North of the South end of the Outcrop. The Mark is 1.08 Feet West from a Witness Post and 5.58 Feet Above the Highway.

NO SCALE

RIGHT OF WAY PLANS

COORDINATE CONTROL
REFERENCE SHEET

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME:

REFERENCE SHEET

COUNTY OF	ITEM NO.	SHEET NO.
PULASKI	8-59.60	R49

REVISED PLANS DATE: 2/24/16

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

(I–66) RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	PROJECT COORDINATES	
				NORTH (Y)	EAST (X)
543+23.82	295.00 LT.	1	R /W MONUMENT	1943070.238	1986807.071
546+00.01	295.00 LT.	1	R /W MONUMENT	1943090.588	1987082.510
548+00.01	365.00 LT.	1	R /W MONUMENT	1943175.136	1987276.812
548+13.00	220.00 RT.	1	R /W MONUMENT	1942592.682	1987332.873
550+61.35	193.76 RT.	1	R /W MONUMENT	1942637.153	1987578.613
551+00.00	400.00 LT.	1	R /W MONUMENT	1943232.145	1987573.413
554+50.00	120.00 RT.	1	R /W MONUMENT	1942739.348	1987960.771
558+56.05	166.21 LT.	1	R /W MONUMENT	1943054.699	1988344.629
559+15.00	270.00 RT.	1	R /W MONUMENT	1942624.018	1988435.560
563+00.00	255.00 LT.	1	R /W MONUMENT	1943175.958	1988780.830
567+50.00	155.00 RT.	1	R /W MONUMENT	1942798.276	1989257.271
571+50.00	130.00 LT.	1	R /W MONUMENT	1943101.996	1989642.057
573+25.00	190.00 RT.	1	R /W MONUMENT	1942790.416	1989831.644
573+40.00	180.00 LT.	1	R /W MONUMENT	1943160.714	1989829.546
574+60.00	180.00 LT.	1	R /W MONUMENT	1943166.255	1989949.418
574+65.00	185.00 RT.	1	R /W MONUMENT	1942801.875	1989971.264
579+50.00	150.00 LT.	1	R /W MONUMENT	1943158.909	1990440.281
581+40.00	185.00 LT.	1	R /W MONUMENT	1943202.644	1990628.462
584+20.00	145.00 LT.	1	R /W MONUMENT	1943175.614	1990910.010
584+50.00	145.00 RT.	1	R /W MONUMENT	1942887.308	1990953.367
589+50.00	115.00 RT.	1	R /W MONUMENT	1942940.361	1991451.449
590+00.00	155.00 LT.	1	R /W MONUMENT	1943212.381	1991488.930
593+70.00	280.00 LT.	1	R /W MONUMENT	1943354.330	1991852.764
600+00.00	130.00 RT.	1	R /W MONUMENT	1942973.854	1992501.022
600+50.00	275.00 LT.	1	R /W MONUMENT	1943380.730	1992532.270
605+00.00	235.00 LT.	1	R /W MONUMENT	1943361.549	1992983.637
606+00.00	165.00 RT.	1	R /W MONUMENT	1942966.592	1993101.998
608+20.00	295.00 LT.	1	R /W MONUMENT	1943436.259	1993300.526
611+50.00	300.00 LT.	1	R /W MONUMENT	1943456.489	1993629.943
612+00.00	135.00 RT.	1	R /W MONUMENT	1943024.262	1993699.973
617+00.00	170.00 LT.	1	R /W MONUMENT	1943352.021	1994185.358
618+50.00	125.00 RT.	1	R /W MONUMENT	1943064.191	1994348.512
624+00.00	145.00 LT.	1	R /W MONUMENT	1943331.386	1994901.317
624+00.00	160.00 RT.	1	R /W MONUMENT	1943026.915	1994883.361
626+00.00	150.00 RT.	1	R /W MONUMENT	1943021.607	1995077.333
628+00.00	150.00 RT.	1	R /W MONUMENT	1942998.595	1995269.950
630+50.00	175.00 LT.	1	R /W MONUMENT	1943278.247	1995570.206
632+00.00	105.00 RT.	1	R /W MONUMENT	1942973.493	1995661.428
635+50.00	175.00 LT.	1	R /W MONUMENT	1943155.837	1996072.798
637+50.00	133.00 LT.	1	R /W MONUMENT	1943053.160	1996256.420
639+50.00	145.00 LT.	1	R /W MONUMENT	1942994.165	1996453.683
642+00.00	155.00 RT.	1	R /W MONUMENT	1942621.383	1996569.179
642+50.00	150.00 LT.	1	R /W MONUMENT	1942878.827	1996740.183
644+75.00	165.00 RT.	1	R /W MONUMENT	1942497.455	1996804.946
647+25.00	145.00 LT.	1	R /W MONUMENT	1942650.218	1997172.289
647+75.00	110.00 RT.	1	R /W MONUMENT	1942404.746	1997086.939
650+50.00	153.00 RT.	1	R /W MONUMENT	1942225.824	1997290.694
651+95.00	125.00 LT.	1	R /W MONUMENT	1942372.660	1997567.484
652+50.00	120.00 RT.	1	R /W MONUMENT	1942141.624	1997469.131
655+00.00	125.00 RT.	1	R /W MONUMENT	1941989.325	1997659.637
655+00.00	135.00 LT.	1	R /W MONUMENT	1942191.672	1997822.902

(KY–80) RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	PROJECT COORDINATES	
				NORTH (Y)	EAST (X)
434+50.00	180.00 LT	1	R /W MONUMENT	1941389.440	2000188.763
438+50.00	155.26 LT	1	R /W MONUMENT	1941532.518	2000563.118
440+90.00	152.06 LT	1	R /W MONUMENT	1941628.967	2000782.907

(RAMP 1) RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	PROJECT COORDINATES	
				NORTH (Y)	EAST (X)
34+00.00	170.00 RT	1	R /W MONUMENT	1941425.348	1999632.451
40+00.00	120.00 RT	1	R /W MONUMENT	1941568.665	1999000.362
46+00.00	95.00 RT	1	R /W MONUMENT	1941710.597	1998447.883

(RAMP 4) RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	PROJECT COORDINATES	
				NORTH (Y)	EAST (X)
13+85.00	102.07 RT	1	R /W MONUMENT	1941343.339	1998245.295
13+85.00	205.00 RT	1	R /W MONUMENT	1941274.143	1998169.091
14+35.62	205.00 RT	1	R /W MONUMENT	1941245.491	1998193.500
14+47.12	100.00 RT	1	R /W MONUMENT	1941303.111	1998281.766
18+73.70	250.00 RT	1	R /W MONUMENT	1940933.990	1998276.205
19+10.00	138.06 RT	1	R /W MONUMENT	1940916.579	1998392.592
19+10.00	250.00 RT	1	R /W MONUMENT	1940898.186	1998282.168
22+41.83	100.00 RT	1	R /W MONUMENT	1940595.507	1998484.649

(FRONTAGE ROAD) RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	PROJECT COORDINATES	
				NORTH (Y)	EAST (X)
3+50.00	55.00 LT	1	R /W MONUMENT	1943579.525	1996931.302
3+50.00	29.64 LT	1	R /W MONUMENT	1943581.019	1996905.989
3+50.00	30.36 RT	1	R /W MONUMENT	1943584.556	1996846.091
3+50.00	55.00 RT	1	R /W MONUMENT	1943586.008	1996821.493
6+00.00	60.00 RT	1	R /W MONUMENT	1943332.031	1996804.054
7+30.00	55.00 LT	1	R /W MONUMENT	1943213.790	1996931.039
7+45.00	55.20 RT	1	R /W MONUMENT	1943178.241	1996825.664
10+00.00	110.00 LT	1	R /W MONUMENT	1943005.908	1997064.494
15+00.00	65.00 LT	1	R /W MONUMENT	1942664.889	1997362.962
24+00.00	70.00 LT	1	R /W MONUMENT	1942169.577	1998114.421
26+00.00	90.00 LT	1	R /W MONUMENT	1942075.220	1998291.894
30+00.00	70.00 LT	1	R /W MONUMENT	1941846.453	1998609.214
33+00.00	70.00 LT	1	R /W MONUMENT	1941772.628	1998871.158
34+75.00	94.42 LT	1	R /W MONUMENT	1941796.561	1999037.663
37+70.00	105.00 LT	1	R /W MONUMENT	1941814.269	1999332.320
40+00.00	105.00 LT	1	R /W MONUMENT	1941819.832	1999562.253
43+75.00	145.00 LT	1	R /W MONUMENT	1941868.890	1999936.176
47+50.00	110.00 LT	1	R /W MONUMENT	1941838.967	2000324.936
48+00.00	50.00 RT	1	R /W MONUMENT	1941673.194	2000354.294
49+40.00	76.65 LT	1	R /W MONUMENT	1941744.563	2000530.814

(COLEMAN ROAD) RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	PROJECT COORDINATES	
				NORTH (Y)	EAST (X)
40+00.00	15.00 LT.	1	R /W MONUMENT	1943883.659	1989685.294
40+00.00	15.00 RT.	1	R /W MONUMENT	1943868.014	1989659.697
40+50.00	40.00 LT.	1	R /W MONUMENT	1943854.034	1989732.700
40+50.00	45.00 RT.	1	R /W MONUMENT	1943809.708	1989660.173
43+30.00	75.00 LT.	1	R /W MONUMENT	1943620.376	1989908.660
43+50.00	40.00 RT.	1	R /W MONUMENT	1943558.943	1989809.293
44+84.80	55.79 LT.	1	R /W MONUMENT	1943446.533	1989931.813
45+05.00	40.00 RT.	1	R /W MONUMENT	1943419.738	1989837.595
45+65.11	54.47 LT.	1	R /W MONUMENT	1943364.055	1989934.744
51+90.00	80.00 RT.	1	R /W MONUMENT	1942720.277	1989839.191
53+00.00	45.00 LT.	1	R /W MONUMENT	1942653.899	1989993.918
53+65.00	60.00 RT.	1	R /W MONUMENT	1942545.180	1989934.714
55+00.00	45.00 LT.	1	R /W MONUMENT	1942509.486	1990102.682
55+00.00	65.00 RT.	1	R /W MONUMENT	1942427.172	1990029.713
56+00.00	80.00 RT.	1	R /W MONUMENT	1942348.162	1990113.659
57+50.00	70.00 LT.	1	R /W MONUMENT	1942430.833	1990308.450
57+50.00	80.00 RT.	1	R /W MONUMENT	1942284.623	1990274.942
60+00.00	80.00 RT.	1	R /W MONUMENT	1942255.831	1990533.943
61+50.00	55.00 LT.	1	R /W MONUMENT	1942376.716	1990695.535
62+00.00	60.00 RT.	1	R /W MONUMENT	1942257.666	1990734.933
64+95.00	48.26 LT.	1	R /W MONUMENT	1942338.810	1991038.512
65+75.00	50.00 RT.	1	R /W MONUMENT	1942233.720	1991109.301
65+81.94	52.36 LT.	1	R /W MONUMENT	1942335.033	1991125.468
66+65.00	65.00 LT.	1	R /W MONUMENT	1942340.112	1991209.330
66+65.00	65.00 RT.	1	R /W MONUMENT	1942210.645	1991197.576
69+15.00	45.00 RT.	1	R /W MONUMENT	1942207.960	1991448.360
69+40.00	30.00 LT.	1	R /W MONUMENT	1942280.392	1991480.039
69+50.00	21.03 LT.	1	R /W MONUMENT	1942270.553	1991489.187
69+59.39	19.05 RT.	1	R /W MONUMENT	1942229.787	1991494.919

(BARNESBURG ROAD) RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	PROJECT COORDINATES	
				NORTH (Y)	EAST (X)
61+50.00	25.64 RT	1	R /W MONUMENT	1942198.665	1999484.615
61+85.10	14.13 LT	1	R /W MONUMENT	1942146.545	1999494.476
62+00.00	60.00 RT	1	R /W MONUMENT	1942180.271	1999426.805
63+00.00	80.00 RT	1	R /W MONUMENT	1942113.589	1999349.646
63+00.00	26.00 LT	1	R /W MONUMENT	1942048.539	1999433.339
65+00.00	74.01 RT	1	R /W MONUMENT	1941931.405	1999233.222

RIGHT OF WAY PLANS

NO SCALE

COORDINATE CONTROL
REFERENCE SHEET

USER: $$$$USER$$$$
DATE: 9-28-07
FILE NAME: $$$$design$file$specification$$$$
E-SHEET NAME: