

TENN.	YEAR	SHEET NO.
	2016	1
FED. AID PROJ. NO.		
STATE PROJ. NO.	83950-3562-04	

Index Of Sheets
Const.
SEE SHEET NO. 1A

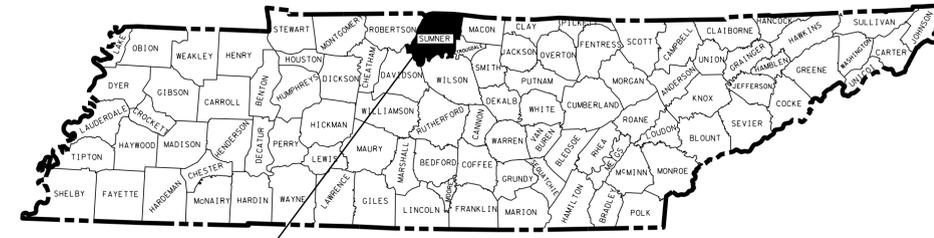
STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION BUREAU OF ENGINEERING

SUMNER COUNTY

INDUSTRIAL ACCESS ROAD SERVING ABC AND
OTHER INDUSTRIES IN GALLATIN

CONSTRUCTION

STATE HIGHWAY NO. N/A F.A.H.S. NO. N/A



PROJECT LOCATION

**NO EXCLUSIONS
NO EQUATIONS**

**TVA /2 TRACK R.R. CROSSING # 909218K
@ GRADE (L.M. 1.730)
STA. 56+92.07**

**END PROJ. NO. 83950-3562-04 (CONST.)
STATION 104+00.00
N 743327.0821
E 1845791.4419**

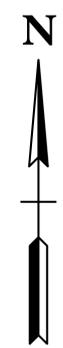
**ADJACENT PROJECT
PIN NO. 112818.00**

**UNOFFICIAL
SET
NOT FOR
BIDDING**

TRAFFIC DATA	
ADT (2016)	15,943
ADT (2036)	24,128
DHV (2036)	2,541
D	55 - 45
T (ADT)	10 %
T (DHV)	7 %
V	40 MPH

SURVEY DATE: 09-17-14
SURVEY UPDATE DATE: 07-08-15
SURVEY UPDATE DATE: 06-28-16

**BEGIN PROJ. NO. 83950-3562-04 (CONST.)
STATION 49+50.78
N 742992.5990
E 1840761.1654**



PROJECT TO BE LET TOGETHER WITH PIN 112818.00

SPECIAL NOTES

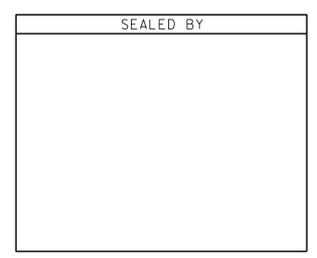
PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2015, AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT TRANS. PROJ. SPEC. SV. 2 BRADLEY MARTIN, P.E.
DESIGNER NATHAN BARTLETT CHECKED BY FRANK RAINEAR
P.E. NO. 83950-1562-04 (DESIGN)
PIN NO. 119592.00



ROADWAY LENGTH	1.032 MILES
BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES
PROJECT LENGTH	1.032 MILES



APPROVED: Paul D. Degges
PAUL D. DEGGES, CHIEF ENGINEER

DATE: _____
APPROVED: John Schroer
JOHN SCHROER, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

23-SEP-2016 11:48 \\J033WF01.tdot.state.tn.us\033shor\ed\SURVEY\DESIGN\PIN 119592.00 Sumner Co. SIA Servng ABC\01-119592-00-Const\raction-0001.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	1 A

INDEX

SHEET NAME	SHEET NO.
TITLE SHEET	1
ROADWAY INDEX AND STANDARD DRAWINGS INDEX.....	1A
PROJECT COMMITMENTS.....	1B
ESTIMATED ROADWAY QUANTITIES	2
TYPICAL SECTIONS AND PAVEMENT SCHEDULE	2A - 2B
GENERAL NOTES AND SPECIAL NOTES.....	2C - 2E
TABULATED QUANTITIES	2F
PROPERTY MAP AND RIGHT-OF-WAY ACQUISITION TABLE	3, 3A
PRESENT LAYOUTS	4 - 8
RIGHT-OF-WAY DETAILS	4A - 8A
PROPOSED LAYOUTS.....	4B - 8B
PROPOSED PROFILES.....	4C - 8C
SIDE ROADS PROFILES.....	9
PRIVATE DRIVE PROFILES.....	10
DRAINAGE MAPS	11, 11A
CULVERT CROSS SECTIONS.....	12-12A
EROSION PREVENTION AND SEDIMENT CONTROL PLAN NOTES	13
EPSC PLAN STAGE 1.....	14-14D
EPSC PLAN STAGE 2.....	15-15D
EPSC PLAN STAGE 3.....	16-16D
TRAFFIC CONTROL NOTES.....	17
TRAFFIC CONTROL PLAN.....	18 - 20
SIGNING AND PVMT MARKING PLANS	21 - 21D
SIGN SCHEDULE SHEETS.....	22
ROADWAY CROSS SECTIONS	23-67
SIDEROAD CROSS SECTIONS.....	68-73
UTILITIES INDEX, UTILITY OWNERS, AND UTILITY SHEETS	U1-1-U1-6
SWPP INDEX.....	S1-1

STANDARD ROADWAY DRAWINGS

DWG. NO	REV.	DESCRIPTION
ROADWAY DESIGN STANDARDS		
RD-A-1	12-18-99	STANDARD ABBREVIATIONS
RD-L-1	10-26-94	STANDARD LEGEND
RD-L-2	09-05-01	STANDARD LEGEND FOR UTILITY INSTALLATIONS
RD-L-5	05-01-08	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-6	03-30-10	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD-L-7	05-24-12	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
RD01-S-11	04-04-03	DESIGN AND CONSTRUCTION DETAILS FOR ROADSIDE SLOPE DEVELOPMENT
RD01-S-11A	10-15-02	ROADSIDE DITCH DETAILS FOR DESIGN AND CONSTRUCTION
RD01-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD01-SD-2		INTERSECTION SIGHT DISTANCE LANDSCAPE AND OBSTRUCTION
RD01-SD-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS
RD01-SD-7		INTERSECTION SIGHT DISTANCE FOR PASSIVE RAILROAD HIGHWAY GRADE CROSSINGS
RD01-SE-2	10-15-02	URBAN SUPERELEVATION DETAILS
RD01-TS-1	02-05-16	DESIGN STANDARDS FOR LOCAL ROADS AND STREETS
RD01-TS-7	10-15-02	DESIGN STANDARDS 2-LANE HIGHWAY WITH CONTINUOUS 2-WAY LEFT-TURN LANE
PIPE CULVERTS AND ENDWALLS		
D-PB-1	01-02-13	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
D-PB-3		INDUCED TRENCH SOIL EMBANKMENT FOR PIPE CULVERT INSTALLATION
D-PO-1	05-27-01	OVAL & FLAT BASE CONCRETE CULVERT PIPE
D-PE-18A	01-06-15	18" CONCRETE ENDWALL CROSS DRAIN
D-PE-18B		18" CONCRETE ENDWALL CROSS DRAIN
D-PE-24A	01-21-16	24" CONCRETE ENDWALL CROSS DRAIN
D-PE-24B		24" CONCRETE ENDWALL CROSS DRAIN
D-PE-36A	06-14-13	36" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE
D-PE-36B		36" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE
D-PE-48A	06-14-13	48" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE
D-PE-48B		48" CONCRETE ENDWALL CROSS DRAIN WITH STEEL PIPE GRATE
D-PE-99	11-01-13	PIPE GRATE & SKEWED CONNECTION DETAILS FOR "U" ENDWALLS
D-PE-4	02-03-16	STRAIGHT TYPE CONCRETE ENDWALL
D-PE-7	05-27-01	STRAIGHT ENDWALLS FLATBASE CONCRETE PIPES
CATCH BASINS AND MANHOLES		
D-CB-38S	08-01-12	STANDARD 32"X32" SQUARE CONCRETE NO.38 CATCH BASIN
D-CB-99	05-20-14	MISCELLANEOUS DETAILS FOR RECTANGULAR STRUCTURES
SAFETY DEVICES AND FENCES		
S-CZ-1		CLEAR ZONE CRITERIA
S-F-1	05-24-12	HIGH VISIBILITY FENCE
S-GR31-1	04-04-16	W-BEAM GUARDRAIL
S-GR-31-1A		W-BEAM BARRIER FASTENING HARDWARE
S-GRS-4	04-12-16	SPECIAL CASE: GUARDRAIL HEIGHT TRANSITION DETAIL
S-GRT-2	04-04-16	TYPE 38 GUARDRAIL TERMINAL
S-GRT-2R		EARTH PAD FOR TYPE 38 TERMINAL (RETROFIT)
S-GRT-4	04-23-15	TYPE 13 GUARDRAIL TERMINAL (TRAILING END)

DWG. NO	REV.	DESCRIPTION
DESIGN - TRAFFIC CONTROL		
T-M-1	07-24-14	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	07-24-14	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-3	07-24-14	MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS
T-M-4	07-24-14	STANDARD INTERSECTION PAVEMENT MARKINGS
T-M-11	12-01-14	SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES AND ROUTES ON RURAL ROADS
T-M-13		SIGNING AND PAVEMENT MARKINGS FOR BICYCLE LANES
T-M-16	01-30-15	ASPHALT SHOULDER RUMBLE STRIPE INSTALLATION DETAILS FOR NON-ACCESS CONTROLLED ROUTES
T-FAB-1	05-27-97	FLASHING YELLOW ARROW BOARD
T-PBR-1	06-30-09	INTERCONNECTED PORTABLE BARRIER RAIL
T-WZ-18	03-13-09	SHOULDER CLOSURE DETAIL FOR FREEWAYS AND DIVIDED HIGHWAYS
EROSION PREVENTION AND SEDIMENT CONTROL		
EC-STR-3B	08-01-12	SILT FENCE
EC-STR-3C	08-01-12	SILT FENCE WITH WIRE BACKING
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-34	08-01-12	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-37	06-10-14	SEDIMENT TUBE
EC-STR-6	05-06-16	ROCK CHECK DAM
EC-STR-6A	05-06-16	ENHANCED ROCK CHECK DAM
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-39	08-01-12	CURB INLET PROTECTION TYPE 1& 2

STANDARD TRAFFIC OPERATIONS DRAWINGS

SIGNS		
T-S-9	06-10-14	STANDARD LAYOUT MOUNTED SIGNS
T-S-10	04-04-12	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN
T-S-16	07-02-15	GROUND MOUNTED ROADSIDE SIGN AND DETAILS
T-S-16A	07-02-15	GROUND MOUNTED ROADSIGN PLACEMENT DETAILS
T-S-17	07-02-15	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-18	02-14-14	END OF ROADWAY AND DEAD END SIGNS, METAL BARRICADES (TYPE III) & WORK ZONE SPEED SIGNS
T-S-19	07-19-15	STANDARD STEEL SIGN SUPPORTS
T-S-20	11-01-11	SIGN DETAILS
RAILROAD		
T-RR-1	11-01-11	TYPICAL PAVEMENT MARKING AT RAILROAD HIGHWAY GRADE CROSSINGS AND RAILROAD ADVANCE WARNING SIGN
T-RR-2	11-01-11	STANDARD DRAWING FOR RAILROAD AND HIGHWAY CROSSING SIGNAL WITH GATE
T-RR-3	11-01-11	STANDARD DRAWING FOR RAILROAD-HIGHWAY CROSSING SIGNAL
T-RR-4	11-01-11	STANDARD DRAWING FOR TYPICAL CURB & GUTTER PLAN FOR RAILROAD-HIGHWAY CROSSING WITH OR WITHOUT GATES
T-RR-5	11-01-11	STANDARD DRAWING FOR RAILROAD-HIGHWAY CROSSING SIGNAL TYPICAL CANTILEVER SIGN

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROADWAY INDEX
AND
STANDARD
DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	1A
CONST.	2016	83950-3562-04	1B

PROJECT COMMITMENTS

COMMITMENT ID	SOURCE DIVISION	DESCRIPTION	STA. / LOCATION
EDEC001	ENVIRONMENTAL DIVISION, ECOLOGY	This project (PIN 119592.00) is covered by the 2015 Range-wide Programmatic Informal Consultation between the Federal Highway Administration (FHWA) and the U.S. Fish and Wildlife Service (USFWS). To receive a determination of "Not Likely to Adversely Affect," for Indiana bats and Northern Long-eared bats, TDOT has a commitment to clear trees on this project between October 15 and March 31.	All areas containing trees within project R.O.W.

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**PROJECT
COMMITMENTS**

(1)(14)
(13)

(2)

(2)

(2)

(2)

(2)

(3)

(4)

(5)

(6)

(7)

(20)

(8)

(8)

(8)

(12)

(11)

(18)

(18)

(18)

(18)

(9)

(19)

(2)

(9)

(16)

(17)

ESTIMATED ROADWAY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	PARTICIPATING QUANTITY	NON PARTICIPATING QUANTITY	TOTAL QUANTITY
105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	0.5		0.5
201-01	CLEARING AND GRUBBING	LS	0.5		0.5
202-02.01	REMOVAL OF PIPE (SIZE 36", STA. 72+60.17)	L.F.	70		70
202-02.02	REMOVAL OF PIPE (SIZE 24", STA. 72+65.69)	L.F.	66		66
202-02.03	REMOVAL OF PIPE (SIZE 24", STA. 72+68.54)	L.F.	66		66
202-02.04	REMOVAL OF PIPE (SIZE 18", RT. STA. 82+58.23)	L.F.	41		41
202-02.05	REMOVAL OF PIPE (SIZE 18", RT. STA. 86+41.36)	L.F.	40		40
202-02.07	REMOVAL OF PIPE (SIZE 15", RT. STA. 101+03.00)	L.F.	40		40
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	5837		5837
203-04	PLACING AND SPREADING TOPSOIL	C.Y.	24		24
203-06	WATER	M.G.	62		62
209-05	SEDIMENT REMOVAL	C.Y.	92		92
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	1800		1800
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	3520		3520
209-08.08	ENHANCED ROCK CHECK DAM	EACH	22		22
209-09.40	CURB INLET PROTECTION (TYPE 1)	EACH	2		2
209-40.30	CATCH BASIN PROTECTION (TYPE A)	EACH	1		1
303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	13303		13303
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	7566		7566
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	2551		2551
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	11	7	18
402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	42.5	27.5	70
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	16	1	17
411-02.10	ACS MIX(PG70-22) GRADING D	TON	1650	305	1955
411-12.03	SCORING FOR RUMBLE STRIPE (NON-CONTINUOUS) (8IN WIDTH)	L.M.		2.1	2.1
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	1015		1015
604-01.01	CLASS A CONCRETE (ROADWAY)	C.Y.		3	3
607-03.30	18" PIPE CULVERT	L.F.	6		6
607-05.30	24" ELL PIPE CULVERT	L.F.	14		14
607-07.30	36" PIPE CULVERT	L.F.	11		11
607-09.30	48" PIPE CULVERT	L.F.	213		213
607-39.02	18" PIPE CULVERT (SIDE DRAIN)	L.F.	250		250
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	EACH	1		1
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	C.Y.	2		2
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	L.B.	68		68
611-02.11	JUNCTION BOX, TYPE 2	EACH	1		1
611-07.54	18IN ENDWALL (CROSS DRAIN) 3:1	EACH	2		2
611-07.57	24IN ENDWALL (CROSS DRAIN) 3:1	EACH	1		1
611-07.63	36IN ENDWALL (CROSS DRAIN) 3:1	EACH	2		2
611-07.69	48IN ENDWALL (CROSS DRAIN) 3:1	EACH	6		6
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	1		1
611-38.02	CATCH BASINS, TYPE 38, > 4' - 8' DEPTH	EACH	1		1
621-03.02	18" TEMPORARY DRAINAGE PIPE	L.F.	28		28
705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	225		225
705-02.10	GUARDRAIL TRANSITION 27IN TO 31IN	EACH	2		2
705-04.03	GUARDRAIL TERMINAL (TYPE 13)	EACH	1		1
705-04.07	TAN ENERGY ABSORBING TERM (NCHRP 350, TL3)	EACH	1		1
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	2		2
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	520		520
709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	100		100
712-01	TRAFFIC CONTROL	LS	0.5		0.5
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	4955		4955
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	50		50
712-05.01	WARNING LIGHTS (TYPE A)	EACH	24		24
712-06	SIGNS (CONSTRUCTION)	S.F.	331		331
712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	152		152
713-11.03	2 1/2" DIA ROUND STEEL TUBE SIGN POST	LB.	12		12
713-11.21	P POST SLIP BASE	EACH	2		2
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	16		16
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	33	36	69
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	5		5
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	5		5
713-16.41	RELOCATE SIGN	LS	1	3	4
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	L.F.	152		152
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	72		72
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	6		6
716-03.02	PLASTIC WORD PAVEMENT MARKING (RXR)	EACH	4		4

ESTIMATED ROADWAY QUANTITIES

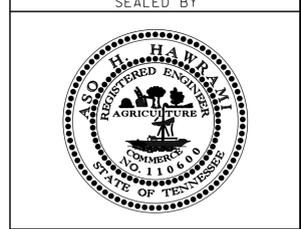
ITEM NO.	DESCRIPTION	UNIT	PARTICIPATING QUANTITY	NON PARTICIPATING QUANTITY	TOTAL QUANTITY
716-04.11	PLASTIC PAVEMENT MARKING (BICYCLE SYMBOL W/RIDER)	EACH		13	13
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	10.5		10.5
716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	5.25		5.25
717-01	MOBILIZATION	LS	0.5		0.5
(9) 740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	172		172
740-11.04	TEMPORARY SEDIMENT TUBE 20IN	L.F.	1750		1750
(13) 801-01	SEEDING (WITH MULCH)	UNIT	250		250
801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	157		157
801-02.08	TEMPORARY SEEDING (WITHOUT MULCH)	UNIT	290		290
801-03	WATER (SEEDING & SODDING)	M.G.	122		122
(10) 803-01	SODDING (NEW SOD)	S.Y.	7800		7800
805-12.01	EROSION CONTROL BLANKET (TYPE I)	S.Y.	330		330

FOOTNOTES

- (1) ITEM INCLUDES 405 C.Y. FOR STEAM PLANT ROAD AND 14.3 C.Y. FOR TEMPORARY CONSTRUCTION EXITS.
- (2) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.
- (3) INCLUDES 52 TONS FOR PRIVATE DRIVES AND 1210 TON FOR MAINTENANCE PURPOSES.
- (4) INCLUDES 0.4 TON FOR STEAM PLANT ROAD.
- (5) INCLUDES 3.7 TONS FOR STEAM PLANT ROAD.
- (6) INCLUDES 15 TONS FOR STEAM PLANT RD., AND 104 TONS FOR SIDE ROADS AND PRIVATE DRIVES.
- (7) TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.
- (8) BEDDING MATERIAL SHALL BE INCLUDED IN THE COST OF THE PROPOSED PIPE CULVERT.
- (9) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
- (10) ITEM INCLUDES 16 M.G TO BE USED FOR EROSION PREVENTION AND SEDIMENT CONTROL.
- (11) ITEM TO BE USED AT STA. 50+81.23 AS DIRECTED BY THE PROJECT ENGINEER.
- (12) ITEM INCLUDES 28 L.F. TO BE USED AS DIRECTED BY THE PROJECT ENGINEER FOR TEMPORARY CONSTRUCTION EXITS.
- (13) FOR USE IN SCARIFIED AREAS.
- (14) REFER TO SPECIAL GRADING NOTES 1-5, SHEET 2D.
- (16) REMOVE SIGN AND SUPPORT (NO FOOTING ON SIGNS) APPROXIMATELY 5 SIGNS WITHIN THE GRADING LIMITS OR AS DIRECTED BY THE ENGINEER.
- (17) PARTICIPATING ITEM USED FOR SUMNER CO. SIGN AT STA. 95+00 (RT). NON-PARTICIPATING ITEMS USED TO RELOCATE ONE SIGN POST WITH RAILROAD CROSSING GATE, SIGN, AND LIGHTS; AND TWO SIGN POSTS WITH RAILROAD CROSSING SIGNS AND LIGHTS.
- (18) SEE PROPOSED LAYOUT SHEETS FOR LOCATIONS.
- (19) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF NCHRP 350 FOR TEST LEVEL 3. EXAMPLES WOULD BE A QUAD-GUARD, A REACT 350 OR A TRACC. THE PAY ITEM WILL INCLUDE FURNISHING AND INSTALLING ALL COMPONENTS AS SHOWN ON THE MANUFACTURER'S DRAWING.
- (20) TO BE USED FOR AT GRADE CROSSING CONCRETE RAILROAD PANELS.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	2

UNOFFICIAL SET NOT FOR BIDDING

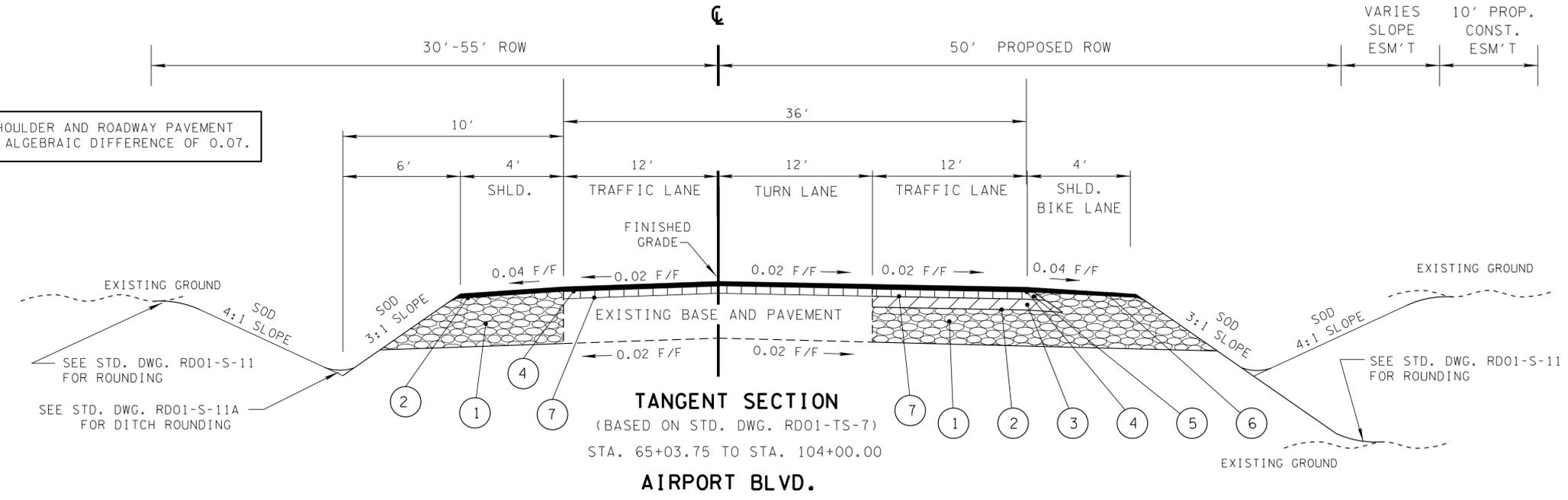


STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

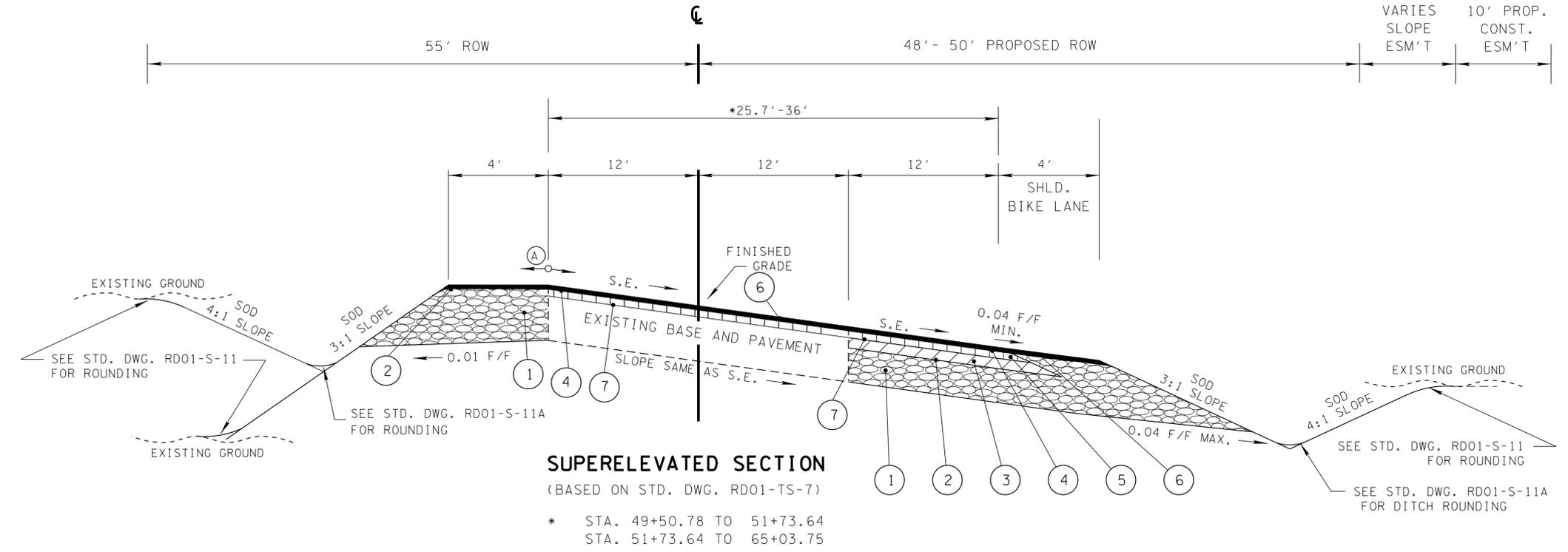
ESTIMATED ROADWAY QUANTITIES

AIRPORT BLVD.

(A) THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07.



AIRPORT BLVD.



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	2
CONST.	2016	83950-3562-04	2A

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED ALL PROPOSED EASEMENTS.

23-SEP-2016 11:22 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0002A.sht

**UNOFFICIAL SET
NOT FOR BIDDING**

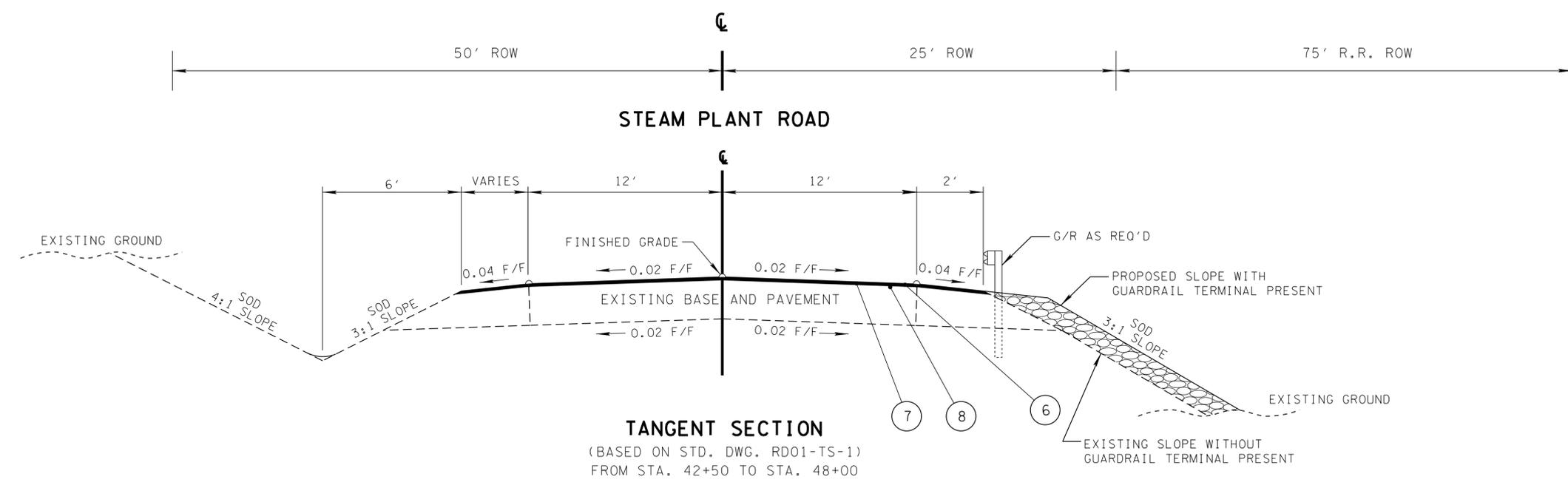
PROPOSED PAVEMENT SCHEDULE

<p>① MINERAL AGGREGATE BASE (10"± DEPTH) 303-01 MINERAL AGGREGATE, TYPE A BASE, GRADING D</p>	<p>④ TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (0.07 GAL/SY)</p>	<p>⑦ TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) (0.10 GAL/SY)</p>
<p>② PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) (0.30 - 0.35 GAL/SY) 402-02 AGGREGATE FOR COVER MATERIAL (PC) (8 - 12 LB/SY)</p>	<p>⑤ BINDER @ 2.00" THICK (APPROX. 226 LBS/SY) 307-02.08 ASPHALT CONCRETE MIX (PG70-22)(BPMB-HM) GRADING BM-2 SEE CROSS-SECTIONS FOR DETAIL</p>	<p>⑧ BINDER @ VARIABLE THICKNESS 307-02.08 ASPHALT CONCRETE MIX (PG70-22)(BPMB-HM) GRADING BM-2 SEE CROSS-SECTIONS FOR DETAIL</p>
<p>③ BLACK BASE @ 6.00" THICK (APPROX. 690 LBS/SY) 307-02.01 ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A TO BE APPLIED IN TWO EQUAL LIFTS</p>	<p>⑥ GRADING "D" SURFACE @ 1.25" (APPROX 132.5 LBS/SY) PERFORMANCE GRADE PG70-22 411-02.10 ACS MIX (PG70-22) GRADING "D"</p>	

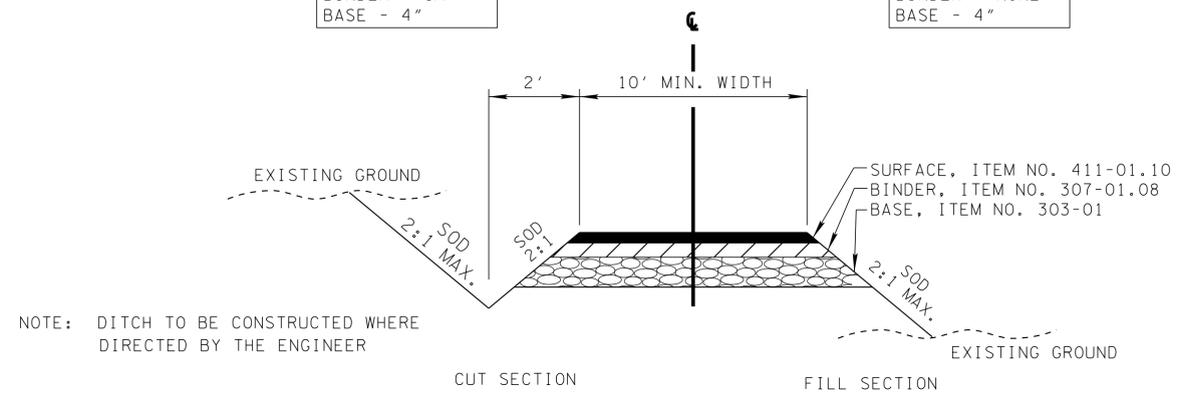
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PAVEMENT SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	2A
CONST.	2016	83950-3562-04	2B



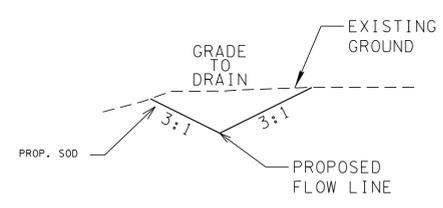
BUSINESS	FIELD OR RESIDENTIAL
SURFACE - 1 1/4"	SURFACE - 1 1/2"
BINDER - 1 1/4"	BINDER - NONE
BASE - 4"	BASE - 4"



NOTE: DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER

NOTE: SLOPE IN BUSINESS ENTRANCES SHALL BE FLATENED TO 12:1.

TYPICAL SECTION
PRIVATE DRIVE TO BUSINESS,
FIELD, OR RESIDENTIAL PROPERTY



SPECIAL DITCH RT

- STA. 50+80.40 (OFFSET 127.65±)
TO
- STA. 51+64.21 (OFFSET 34.64±)
- STA. 57+21.63 (OFFSET 116.54±)
TO
- STA. 57+51.35 (OFFSET 50.00±)

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**TYPICAL
SECTIONS
AND
PAVEMENT
SCHEDULE**

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	2C

GENERAL NOTES

GRADING

- ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
- THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY WITHOUT APPROVAL BY SAME. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER FEDERAL, STATE OR LOCAL AGENCY.

SEEDING AND SODDING

- SOD SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS TO PREVENT DAMAGE TO ADJACENT FACILITIES AND PROPERTY DUE TO EROSION ON ALL NEWLY GRADED CUT AND FILL SLOPES AS WORK PROGRESSES.

GUARDRAIL

- THE CONTRACTOR SHALL NOT REMOVE ANY SECTIONS OF EXISTING GUARDRAIL TO REWORK SHOULDERS OR FLATTEN SLOPES UNTIL THE ENGINEER CONCURS IN THE NECESSITY OF REMOVAL DUE TO CONSTRUCTION REQUIREMENTS AND THE APPROPRIATE WARNING DEVICES ARE INSTALLED. THE PROPOSED GUARDRAIL, INCLUDING ANY ANCHOR SYSTEM, SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR A SECTION OF PROPOSED GUARDRAIL, INCLUDING ANCHORS, UNTIL IT IS COMPLETE IN PLACE.
- IF ANY APPROACH END OF A SECTION OF GUARDRAIL OR BRIDGE RAIL MUST TEMPORARILY BE LEFT INCOMPLETE AND EXPOSED TO TRAFFIC, THE CONTRACTOR SHALL USE TWO (2) TEMPORARY BARRICADES OR DRUMS WITH TYPE A LIGHTS AND ROUNDED END ELEMENTS AS MINIMUM MEASURES TO PROTECT TRAFFIC FROM THE HAZARD OF AN EXPOSED END. ALL COST OF FURNISHING AND INSTALLING A TEMPORARY ROUNDED END ELEMENT SHALL BE INCLUDED IN THE COST OF THE PROPOSED GUARDRAIL.

DRAINAGE

- THE CONTRACTOR SHALL SHAPE DITCHES TO THE SPECIFIED DESIGN. THIS WORK WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.
- EXCAVATION FOR PIPE CULVERTS AND CATCH BASINS WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE PRICE BID PER LINEAR FOOT OF PIPE (PIPE CULVERTS, STORM SEWERS, CONDUITS, ALL OTHER CULVERTS AND MINOR STRUCTURES).
- THE CUTTING OF INLET AND OUTLET DITCHES WHERE SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER WILL BE MEASURED AND PAID FOR AS ITEM NO. 203-01 ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED).
- WHERE A CULVERT (PIPE, SLAB OR BOX) IS MOVED TO A NEW LOCATION OTHER THAN THAT SHOWN ON THE PLANS, INCREASING OR DECREASING THE AMOUNT OF CULVERT EXCAVATION, NO INCREASE OR DECREASE IN THE AMOUNT OF PAYMENT WILL BE MADE DUE TO SUCH CHANGE.
- DURING CONSTRUCTION OF DRAINAGE STRUCTURES ALL COST ASSOCIATED WITH MAINTAINING THE FLOW OF WATER AND TRAFFIC, AT THESE STRUCTURES, DURING THE PHASED CONSTRUCTION OF THIS PROJECT ARE TO BE INCLUDED IN THE UNIT PRICE OF THE DRAINAGE STRUCTURES AND TRAFFIC CONTROL ITEMS.

MISCELLANEOUS

- ALL DETOUR, ACCESS, SERVICE AND FRONTAGE ROADS SHALL BE CONSTRUCTED WITH A MINIMUM OF ONE (1) COURSE OF BASE MATERIAL BEFORE TRAFFIC IS INTERRUPTED ON EXISTING ROADS.
- THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES WHERE AND AS DIRECTED BY THE ENGINEER.
- NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND CONVENIENCE OF THE GENERAL PUBLIC AND THE RESIDENTS ALONG THE PROPOSED CONSTRUCTION AREA

ROAD CLOSURE

- NO LESS THAN SEVEN (7) DAYS PRIOR TO THE CLOSURE OF THE ROAD, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING INDIVIDUALS OR AGENCIES COMPLETELY DESCRIBING THE AFFECTED ROADS AND THE APPROXIMATE DURATION OF THE CONSTRUCTION: THESE PARTIES INCLUDE, BUT ARE NOT LIMITED TO: (1) LOCAL LAW ENFORCEMENT OFFICE, (2) LOCAL FIRE DEPARTMENT, (3) AMBULANCE SERVICE, (4) LOCAL SCHOOL SUPERINTENDENT, (5) UNITED STATES POSTAL SERVICE, AND (6) LOCAL ROAD SUPERINTENDENT.

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS

- TEMPORARY PAVEMENT LINE MARKINGS ON INTERMEDIATE LAYERS OF PAVEMENT SHALL BE REFLECTIVE TAPE OR REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAYS WORK. SHORT, UNMARKED SECTIONS SHALL NOT BE ALLOWED. THESE MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-05.01, PAINTED PAVEMENT MARKING (4" LINE), L.M.

FINAL PAVEMENT MARKING

- PERMANENT PAVEMENT LINE MARKINGS SHALL BE 4" SPRAY THERMOPLASTIC (60 mil) INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK. SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR UNDER ITEM NO. 716-13.01, SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT MARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR THE PERMANENT MARKINGS.

PAVEMENT

PAVING

- THE CONTRACTOR SHALL ATTACH A DEVICE TO THE SCREED OF THE PAVER SUCH THAT MATERIAL IS CONFINED AT THE END GATE AND EXTRUDES THE ASPHALT MATERIAL IN SUCH A WAY THAT RESULTS IN A CONSOLIDATED WEDGE-SHAPE PAVEMENT EDGE OF APPROXIMATELY 25 TO 30 DEGREES AS IT LEAVES THE PAVER (MEASURED FROM A LINE PARALLEL TO THE PAVEMENT SURFACE.) THE DEVICE SHALL MEET THE REQUIREMENTS THAT ARE CURRENTLY SET FORTH IN SPECIAL PROVISION 407SE.

SIGNING

- THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUTOUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND. THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL EXTRUDED PANEL SIGNS SHALL BE DEMOUNTABLE AND ATTACHED TO THE SIGN FACE, AS OUTLINED IN THE STANDARD SPECIFICATIONS. ALL SHIELDS ON GUIDE SIGNS SHALL BE DEMOUNTABLE AND ATTACHED TO THE SIGN FACE AS OUTLINED IN THE STANDARD SPECIFICATIONS.
- THE TOP OF THE SIGN FOOTINGS SHALL BE PLACED LEVEL WITH THE GROUND LINE.
- AFTER THE SIGN LOCATIONS HAVE BEEN STAKED, BUT PRIOR TO ORDERING ANY MATERIAL FOR THE SUPPORTS, THERE SHALL BE A FIELD INSPECTION AND APPROVAL BY THE REGIONAL CONSTRUCTION OFFICE.
- THE CONTRACTOR SHALL BE REQUIRED TO FURNISH LAYOUT DRAWINGS (3 SETS) OF ALL EXTRUDED PANEL SIGNS WITH SPACING OF ALL LETTERS, NUMERALS, SHIELDS, AND ARROWS. THE LAYOUT DRAWINGS SHALL BE SENT TO THE ROADWAY DESIGN DIVISION, SIGNING AND MARKING SECTION, SUITE 1300, J. K. POLK BUILDING, NASHVILLE, TN 37243-1402.
- ALL SIGNS MARKED "TO BE REMOVED" ARE TO BE REMOVED BY THE CONTRACTOR AND PAID FOR UNDER ITEM 713-15 AND BECOME THE PROPERTY OF THE CONTRACTOR.
- THE EXISTING FOOTINGS ARE TO BE REMOVED 6 INCHES BELOW GROUND LINE.

- THE LENGTHS OF ALL SIGN SUPPORTS SHOWN ON THE SIGN SCHEDULE ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY ALL SUPPORT LENGTHS AT THE SITE PRIOR TO ERECTION.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

- ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FACE IS FULLY COVERED.
- IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OR REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER. COSTS OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.
- A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN FACE IS FULLY COVERED.
- TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.
- USE OF BARRICADES, PORTABLE BARRIER RAILS, VERTICAL PANELS, AND DRUMS SHALL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESENT. THESE DEVICES SHALL NOT BE STORED ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. THESE DEVICES SHALL BE REMOVED FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL CURVE. WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO USE THEM.
- ALL DETOUR AND CONSTRUCTION SIGNING SHALL BE IN STRICT ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ALL DETOURS SHALL BE PAVED, STRIPED, SIGNED AND THE VERTICAL PANELS ARE TO BE IN PLACE BEFORE IT IS OPENED TO TRAFFIC.

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**GENERAL
NOTES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	2D

GENERAL NOTES (CONT.)

EROSION PREVENTION AND SEDIMENT CONTROL NATURAL RESOURCES

- (1) SOIL MATERIALS MUST BE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. EPSC MEASURES TO PROTECT NATURAL RESOURCES AND WATER QUALITY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. APPROPRIATE EPSC MEASURES MUST BE INSTALLED ALONG THE BASE OF ALL FILLS AND CUTS, ON THE DOWNHILL SIDE OF STOCKPILED SOIL, AND ALONG NATURAL RESOURCES IN CLEARED AREAS TO PREVENT SEDIMENT MIGRATION INTO STREAMS, WETLANDS OR OTHER NATURAL FEATURES IN ACCORDANCE WITH TDOT STANDARDS. EPSC MEASURES SHALL BE INSTALLED ON THE CONTOUR, ENTRENCHED AND STAKED, AND EXTEND THE WIDTH OF THE AREA TO BE CLEARED.
- (2) NEW CHANNEL CONSTRUCTION SHALL BE COMPLETED IN THE DRY AND STABILIZED FOR AT LEAST 72 HOURS PRIOR TO DIVERTING WATER FROM THE EXISTING AND/OR TEMPORARY CHANNEL.
- (3) INSTREAM EPSC DEVICES REQUIRE THE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION REVIEW AND MUST BE PROCESSED BY THE PERMITS SECTION TO OBTAIN WATER QUALITY PERMITS.
- (4) THE OPERATION OF EQUIPMENT IN WATERS OF THE STATE/U.S., INCLUDING WETLANDS AND EPHEMERAL, INTERMITTENT, AND PERENNIAL STREAMS, SHALL BE ONLY AS DEPICTED ON THE CONSTRUCTION PLANS AND/OR AS SO SPECIFIED IN THE WATER QUALITY PERMITS, IF APPLICABLE. ANY DISCREPANCIES BETWEEN PLANS AND PERMITS SHALL BE BROUGHT TO THE ATTENTION OF THE TDOT RESPONSIBLE PARTY AS SOON AS POSSIBLE. ADDITIONAL PERMITS REQUIRED BY THE CONTRACTOR'S METHOD OF OPERATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AFTER RECEIVING THE APPROVAL OF THE TDOT ENVIRONMENTAL DIVISION, PERMITS SECTION.
- (5) THE WIDTH OF THE FILL ASSOCIATED WITH TEMPORARY CROSSINGS SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR THE ACTUAL CROSSING, NOT TO EXCEED THE WIDTH SPECIFIED IN THE STANDARD DRAWING.
- (6) STREAM BEDS SHALL NOT BE USED AS TRANSPORTATION ROUTES FOR CONSTRUCTION EQUIPMENT. TEMPORARY CULVERT CROSSINGS SHALL BE LIMITED TO ONE POINT PER STREAM AND EPSC MEASURES SHALL BE USED WHERE THE STREAM BANKS ARE DISTURBED. WHERE THE STREAMBED IS NOT COMPOSED OF BEDROCK, A PAD OF CLEAN ROCK SHALL BE USED AT THE CROSSING POINT AND CULVERTED TO PREVENT THE IMPOUNDMENT OF WATER FLOW. CLEAN ROCK IS ROCK OF VARIOUS TYPE AND SIZE, DEPENDING UPON APPLICATION, WHICH CONTAINS NO FINES, SOILS, OR OTHER WASTES OR CONTAMINANTS. OTHER MATERIALS USED FOR ALL TEMPORARY FILLS SHALL BE COMPLETELY REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED AND THE AFFECTED AREAS RETURNED TO PREEXISTING ELEVATIONS. ALL TEMPORARY CROSSINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DWG. EC-STR-25 UNLESS SPECIFICALLY ADDRESSED IN THE EPSC PLANS. ALTERNATIVELY, PLACING A TEMPORARY BRIDGE (E.G. BAILEY BRIDGE OR EQUIVALENT, TIMBERS, ETC.) FROM TOP OF BANK TO TOP OF BANK OR THE APPROPRIATE USE OF BARGES AT THE CROSSING TO AVOID DISTURBANCE OF THE STREAMBED IS AN ACCEPTABLE OPTION.
- (7) HEAVY EQUIPMENT WORKING IN WETLANDS MUST BE PLACED ON MATS, OR OTHER MEASURES MUST BE TAKEN TO MINIMIZE SOIL DISTURBANCE UNLESS SPECIFICALLY ADDRESSED IN THE EPSC PLANS. ANY MATS AND OTHER MEASURES USED FOR HEAVY EQUIPMENT MUST BE REMOVED IN THEIR ENTIRETY AFTER THE WORK IS COMPLETED.
- (8) WETLANDS SHALL NOT BE USED AS EQUIPMENT STORAGE, STAGING, OR TRANSPORTATION AREAS, UNLESS SPECIFICALLY PROVIDED FOR IN THE CONSTRUCTION PLANS AND PERMITS.
- (9) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS BEFORE ALL CONSTRUCTION AND MAINTENANCE ACTIVITIES TO ENSURE THAT ENVIRONMENTAL FEATURES (E.G. STREAM, WETLANDS, SPRINGS, ETC.) ARE NOT IMPACTED BEYOND THE PERMITTED LOCATIONS. IF THE CONTRACTOR OR TDOT INSPECTOR IS UNSURE OF THE IDENTITY OF AN ENVIRONMENTAL FEATURE, THE INSPECTOR IS UNSURE OF THE IDENTITY OF AN ENVIRONMENTAL FEATURE, THE INSPECTOR SHALL CONTACT THE TDOT REGION 3 ENVIRONMENTAL TECH GROUP IMMEDIATELY.

SPECIES

- (10) NO ACTIVITY MAY SUBSTANTIALLY DISRUPT THE MOVEMENT OF THOSE SPECIES OF AQUATIC LIFE INDIGENOUS TO THE WATER BODY, INCLUDING THOSE SPECIES THAT NORMALLY MIGRATE THROUGH THE AREA.

INSPECTION, MAINTENANCE, & REPAIR

- (11) REFER TO THE STORM WATER POLLUTION AND PREVENTION PLAN SHEETS (S-1) FOR SWPPP, PERMITS, AND RECORDS NOTES.

PERMITS, PLANS & RECORDS

- (12) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND OBTAIN ANY NECESSARY ENVIRONMENTAL PERMITS OR APPROVALS, INCLUDING BUT NOT LIMITED TO ARCHAEOLOGY, ECOLOGY, HISTORICAL, HAZARDOUS MATERIALS, AIR AND NOISE, TDEC ARAP/401, USACE SECTION 404, TVA SECTION 26A, AND TDEC NPDES PERMITS, FROM FEDERAL, STATE AND/OR LOCAL AGENCIES REGARDING ANY MATERIAL AND STAGING AREAS AND THE OPERATION OF ANY PROJECT-DEDICATED ASPHALT AND/OR CONCRETE PLANTS TO BE USED. ANY SUCH PERMITS SHALL BE SUPPLIED TO THE TDOT PROJECT RESPONSIBLE PARTY PRIOR TO THE USE OF THE PERMITTED AREA(S).
- (13) ANY DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, THE PROJECT AS CONSTRUCTED, AND THE PERMIT(S) ISSUED FOR THE PROJECT, SHALL BE BROUGHT TO THE ATTENTION OF THE TDOT PROJECT RESPONSIBLE PARTY. THE ENVIRONMENTAL DIVISION, DESIGN DIVISION, AND HEADQUARTERS CONSTRUCTION OFFICE SHALL BE CONTACTED IN THESE INSTANCES AND DECIDE WHICH HAS PRECEDENCE AND WHETHER PERMIT OR PLANS REVISIONS ARE NEEDED. IN GENERAL, PERMIT CONDITIONS WILL PREVAIL.
- (14) IF A CHANGE IN PROJECT SCOPE OCCURS DURING CONSTRUCTION, INCLUDING VALUE ENGINEERING, THE TDOT PERMIT SECTION SHALL BE CONTACTED TO DETERMINE WHETHER PERMIT REVISIONS ARE NEEDED. THE ROADWAY DESIGN DIVISION SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.
- (15) THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATE. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE TDOT PROJECT RESPONSIBLE PARTY TO COMMENCE PERMIT RENEWAL PROCESS
- (16) ALL WATER QUALITY PERMITS SHALL BE POSTED NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE ACCESSIBLE TO THE PUBLIC. THE NAME, COMPANY NAME, EMAIL ADDRESS, TELEPHONE NUMBER AND ADDRESS OF THE PROJECT SITE OWNER, OPERATOR, OR A LOCAL CONTACT PERSON WITH A BRIEF DESCRIPTION OF THE PROJECT SHALL ALSO BE POSTED. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE, THE INFORMATION SHALL BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION NEAR WHERE THE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY. THIS LOCATION SHALL BE POSTED AT THE CONSTRUCTION SITE. ALL POSTINGS SHALL BE MAINTAINED IN LEGIBLE CONDITION.

GOOD HOUSEKEEPING MEASURES & WASTE DISPOSAL

- (17) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS SHALL BE REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFFSITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER USE, MATERIALS USED FOR EPSC SHALL BE REMOVED FROM THE SITE.
- (18) THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE THAT PETROLEUM PRODUCTS OR OTHER CHEMICAL POLLUTANTS ARE PREVENTED FROM ENTERING WATERS OF THE STATE/U.S. ALL EQUIPMENT REFUELING, SERVICING, AND STAGING AREAS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS, AND ORDINANCES, INCLUDING THOSE OF THE NATIONAL FIRE PROTECTION ASSOCIATION. APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED.
- (19) CONTRACTORS SHALL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELF CONTAINED, NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ONSITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL REGULATIONS.
- (20) WHEEL WASH WATER SHALL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE. WHEEL WASH WATER SHALL NOT BE DISCHARGED DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM.

- (21) IF PORTABLE SANITARY FACILITIES ARE PROVIDED ON CONSTRUCTION SITES, SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY REGULATIONS. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.

- (22) ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ONSITE BY THE CONTRACTOR. THE CONTRACTOR SHALL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE CONTAINERS. PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. THE CONTRACTOR'S RESPONSIBLE PARTY SHALL INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER USE AND DISPOSAL.

- (23) WHEN POSSIBLE, ALL PRODUCTS SHALL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE CONTAINER OFFSITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS SHALL BE FOLLOWED.

- (24) ALL PAINT CONTAINERS SHALL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT SHALL BE DISPOSED OF ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.

- (25) ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S RESPONSIBLE PARTY SHALL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR SHALL OBTAIN ANY AND ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.

- (26) OPEN BURNING IS PROHIBITED UNLESS IT IS SPECIFICALLY ALLOWED BY LAW. IF ALLOWED, NATURAL VEGETATION, TREES, AND UNTREATED LUMBER SHALL BE THE ONLY MATERIALS THAT CAN BE OPEN BURNED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL APPLICABLE STATE AND LOCAL PERMITS PRIOR TO ANY BURNING.

- (27) DISPOSAL OF ONSITE VEGETATION AND TREES BY CHIPPING THEM INTO MULCH IS PREFERABLE TO OPEN BURNING. THIS MULCH MAY BE USED AS AN ONSITE SOIL STABILIZATION MEASURE WHERE APPROPRIATE.

- (28) WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ANY AND ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S), CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE MATERIALS.

SUPPORT ACTIVITIES

- (29) MATERIALS AND STAGING AREAS SHALL NOT AFFECT ANY WATERS OF THE STATE/U.S. UNLESS THESE AREAS ARE SPECIFICALLY COVERED BY ENVIRONMENTAL PERMITS, OBTAINED SOLELY BY THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW ALL EXISTING PERMITS TO ENSURE THAT WORK AT PERMITTED SITES DOES NOT EXCEED EXPIRATION DATES. IF WORK IS GOING TO BE CONTINUED AFTER EXPIRATION DATES, THE CONTRACTOR SHALL CONTACT THE TDOT PROJECT RESPONSIBLE PARTY TO COMMENCE PERMIT RENEWAL PROCESS.

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**GENERAL
NOTES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	2E

SPECIAL NOTES

GRADING

- (1) THE GRADING TABULATIONS AND RESULTING EARTHWORK ASSOCIATED BID QUANTITIES WERE PREPARED UTILIZING AVAILABLE GEOTECHNICAL INFORMATION AND/OR REPORTS PREPARED FOR THIS PROJECT. THIS INFORMATION IS PROVIDED FOR GENERAL INFORMATION AND ESTIMATION GUIDANCE ONLY.
- (2) BORING DEPICTIONS SHOWN ON THE FOUNDATION DATA SHEETS, SOILS SHEETS, PLANS, AND CROSS-SECTIONS INDICATE SOIL AND ROCK CONDITIONS AT THE SPECIFIC BORING LOCATIONS. ANY SOIL PROFILE AND/OR ROCK LINE IS INTERPRETIVE BASED ON THE JUDGMENT OF THE GEOTECHNICAL ENGINEER/GEOLOGIST. THE TRANSITION BETWEEN BORINGS AND LAYERS MAY VARY SIGNIFICANTLY DEPENDING ON THE GEOLOGIC FORMATIONS ENCOUNTERED.
- (3) TO ASSIST IN BID PREPARATION FOR EARTHWORK AND FOUNDATION CONSTRUCTION, DETAIL ROCK AND SOIL DESCRIPTION AND ON SOME PROJECTS, ROCK CORE SAMPLES ARE AVAILABLE FOR INSPECTION AT THE MATERIALS AND TESTS HEADQUARTERS AT 6601 CENTENNIAL BOULEVARD, NASHVILLE, TN OR AT THE TDOT REGION 1 BUILDING IN KNOXVILLE, TN.
- (4) THE CONTRACTOR SHALL UTILIZE ALL INFORMATION PROVIDED IN THE PLANS, CROSS-SECTIONS AND CONTRACT DOCUMENTS INCLUDING ANY SPECIAL PROVISIONS AS WELL AS UTILIZING HIS PAST EXPERIENCE WITH PROJECTS OF SIMILAR NATURE, SCOPE AND LOCATION IN PREPARATION OF HIS BID FOR EARTHWORK ITEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE AND PROVIDE EQUIPMENT AND MEANS NECESSARY TO CONDUCT THE EXCAVATION ACTIVITIES IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
- (5) EARTHWORK IS PAID FOR UNDER ITEM 203-01, ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED). NO ADDITIONAL PAYMENT WILL BE MADE FOR EARTHWORK QUANTITIES BASED SOLELY ON A CLAIM THAT THE QUANTITIES SHOWN IN THE GRADING TABULATION OR ELSEWHERE IN THE PLANS ARE INACCURATE WITH RESPECT TO THE TYPE OF MATERIALS ENCOUNTERED DURING CONSTRUCTION EXCEPT AS PROVIDED FOR BY SECTION 104.02 IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS AMENDED IN SUPPLEMENTAL SPECIFICATIONS.

EROSION PREVENTION AND SEDIMENT CONTROL

ENVIRONMENTAL

- (1) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE SHALL BE INVITED TO ALL PRE-CONSTRUCTION MEETINGS.

ECOLOGY

- (2) STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE WILL ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING CONCERNING WHEN ENVIRONMENTAL DIVISION PERSONNEL OR DESIGNATED CONSULTANT WILL NEED TO BE ON-SITE FOR WORK BEING DONE WHICH COULD AFFECT THE STREAM OR SPECIES.
- (3) STAFF FROM THE TOOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL ATTEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH HAVE THREATENED OR ENDANGERED SPECIES OR CRITICAL HABITAT PROXIMAL TO SCHEDULED WORK. THIS WILL PROVIDE THE OPPORTUNITY TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE NECESSARY PRECAUTIONS THAT MUST BE FOLLOWED.
- (4) ALL PROJECTS WITH LEGALLY PROTECTED SPECIES OR CRITICAL HABITAT IDENTIFIED SHALL HAVE MEASURES IN PLACE TO CONTAIN CONCRETE DUST, CEMENT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE NOT ALLOWED TO ENTER WATERS OF THE STATE/U.S.

PROJECT COMMITMENTS

- (5) SEE PROJECT COMMITMENTS, SHEET 1B, FOR DETAILS RELATING TO SPECIAL ENVIRONMENTAL COMMITMENTS REQUIRED BY THIS PROJECT.

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES
AND
SPECIAL NOTES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	2F

SIDE DRAIN TABULATION															
STATION	LOCATION		DESCRIPTION	SURFACE WIDTH (L.F.)	RCP CLASS III OR CMP 16 GA. OR HDPE OR PVC OR SRTRP (L.F.) FILL HEIGHT < OR = 10 FT.					END TREATMENT				REMARKS	
					18"	24"	30"	36"	48"	TYPE	DRAWING NO.	CLASS A CONC. 611-07.01 (C.Y.)	REINF. STEEL 611-07.02 (LB.)		STRUC. STEEL 611-07.03 (LB.)
81+84.48		X	AIRPORT BLVD.	41	56										SHEET 6B
82+58.23		X	AIRPORT BLVD.	31	43										SHEET 6B
86+41.36		X	AIRPORT BLVD.	29	41										SHEET 6B
92+51.33		X	AIRPORT BLVD.	27	60										SHEET 7B
101+03.00		X	AIRPORT BLVD.	35	50										SHEET 8B
TOTALS					250	0	0	0	0			0	0	0	

STORM DRAINAGE PIPES											
SHEET NO.	FROM		TO		% GRADE	REINFORCED CONC. PIPE - CLASS III SIZE & LENGTH (L.F.)					RIP-RAP 709-05.06 (TON)
	CODE	OUTLET ELEV.	CODE	INLET ELEV.		18"	24"	30"	36"	48"	
	7B	1	550.52	EXIST.		550.45	1.00	6			
TOTALS						6	0	0	0	0	0

PROPOSED GUARDRAIL											
SHEET NO.	LOCATION	SIDE	STATION		SINGLE TYPE 2 705-02.02 (L.F.)	GUARDRAIL TRANSITION 705-02.10 (EACH)	TYPE 13 705-04.03 (EACH)	TYPE 38 705-04.07 (EACH)	REMARKS		
			LT	RT						FROM	TO
			7B	STEAMPLANT						X	42+50.00
7B	STEAMPLANT	X	46+50.00	48+00.00	125	1	1				
TOTALS						225	2	1	1		

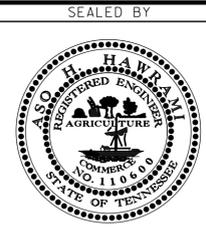
PAVEMENT QUANTITIES							
LOCATION	PAY ITEMS						
	303-01 (TON)	307-02.01 (TON)	307-02.08 (TON)	402-01 (TON)	402-02 (TON)	403-01 (TON)	411-02.10 (TON)
Airport Road	12038.8	7565.9	2478.1	17.7	70.2	15.8	1752.6
Steam Plant Road	2.6	0.0	0.0	0.0	0.0	1.0	153.3
Drives	52.0	0.0	72.5	0.0	0.0	0.0	48.5
TOTALS	12093.4	7565.9	2550.6	17.7	70.2	16.8	1954.4

ESTIMATED GRADING QUANTITIES							
STATION TO STATION	ROAD & DRAINAGE EXC. (UNCL.)		BORROW EXCAVATION		CHANNEL EXC. C.Y.	EXCESS EXC. WASTE C.Y.	EMB. C.Y.
	COMMON - C.Y.	S. ROCK - C.Y.	UNCL. - C.Y.	S. ROCK - C.Y.			
AIRPORT BLVD.	5418					1930	3033
STEAM PLANT ROAD	405					336	60
TOTALS	5823	0	0	0	0	2266	3093

CATCH BASINS AND MANHOLES																	
SHEET NO.	LOCATION	STATION	OFFSET (FT.)	DRAINAGE CODE	GRATE/TOP ELEV.	STRUCTURE TYPE	INSIDE DIMENSIONS	DEPTH (FT.)	STANDARD DRAWING	PAY ITEMS							
										TYPE 3 611-01-03 8' - 12'	TYPE 12 611-12-01 0' - 4'	TYPE 12 611-12-02 4' - 8'	TYPE 12 611-12-03 8' - 12'	TYPE 14 611-14-02 4' - 8'	TYPE 38 611-38-01 0' - 4'	TYPE 38 611-38-02 4' - 8'	TYPE 38 611-38-03 8' - 12'
										7B	AIRPORT RD	96+14.26	39.75'	1	554.89	38 CB	32" X 32"
TOTALS										0	0	0	0	0	1	0	

CROSS DRAIN TABULATION													
SHEET NO.	STATION	RCP CLASS III OR CMP 14 GA. OR HDPE OR PVC OR SRTRP (L.F.) FILL HEIGHT < OR = 16 FT.				SKEW	RIP-RAP 709-05.06 (TON)	END TREATMENT				REMARKS	
		18"	24"	36"	48"			INLET		OUTLET			
								TYPE	DRAWING NO.	TYPE	DRAWING NO.		
4B	51+62.68		14			90°00'00"			Straight	D-PB-1, D-PE-4	1.86	68	AIRPORT BLVD.
4B	57+65.44			11		90°00'00"			"U"	D-PE-36A, D-PE-36B			AIRPORT BLVD.
5B	72+80.27				213	86°56'48" L	"U"	D-PB-1, D-PE-48A, D-PE-48B, D-PE-99	"U"	D-PB-1, D-PE-48A, D-PE-48B, D-PE-99			AIRPORT BLVD.
TOTALS		0	14	11	213						1.86	68	

UNOFFICIAL SET
NOT FOR BIDDING



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

23-SEP-2016 11:27 \\J03WF01.tdot.stor.te.m.us\03Shor.ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Serv'ing ABC\0-119592-00-Construction-0002F.sht

SEE SHEET 3A FOR R.O.W. ACQUISITION TABLE AND R.O.W. NOTES

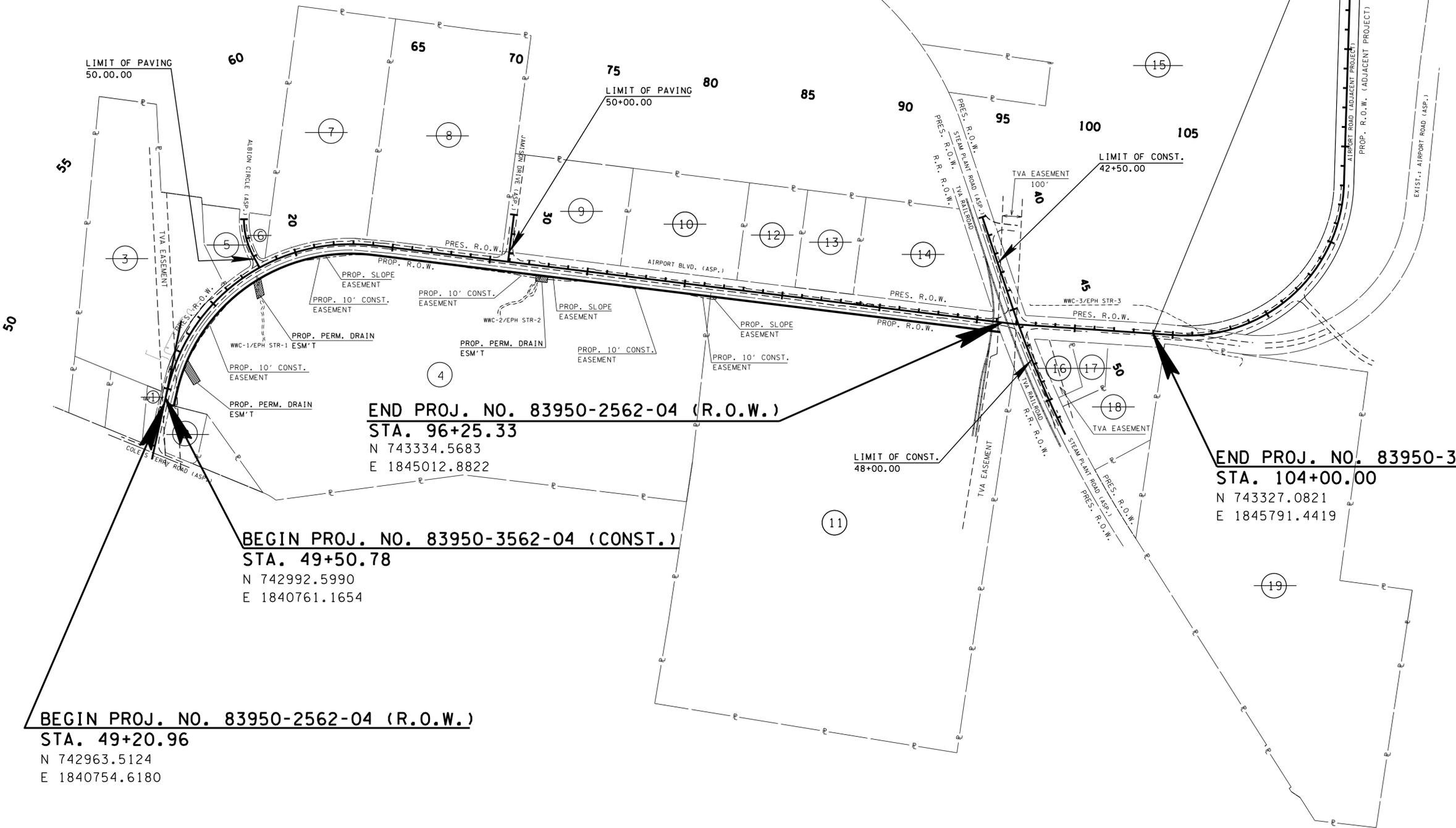
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	3
CONST.	2016	83950-3562-04	3

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE AND UPDATED ALL PROPOSED EASEMENTS. UPDATED BEGIN AND END PROJECT FLAGS.



END PROJECT NO. 83950-3562-04 (CONST.)
PIN NO. 119592.00, STATION 104+00.00=

PROJECT NO. HPP-9306(16)(FUTURE)
PIN NO. 112818.00, STATION 104+00.00



END PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 96+25.33
N 743334.5683
E 1845012.8822

BEGIN PROJ. NO. 83950-3562-04 (CONST.)
STA. 49+50.78
N 742992.5990
E 1840761.1654

BEGIN PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 49+20.96
N 742963.5124
E 1840754.6180

END PROJ. NO. 83950-3562-04 (CONST.)
STA. 104+00.00
N 743327.0821
E 1845791.4419

UNOFFICIAL SET
NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP
STA. 46+28.48 TO STA. 120+00.00
SCALE: 1"=300'

23-SEP-2016 11:29 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0003.sht

R.O.W. ACQUISITION TABLE

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA ACRES			AREA TO BE ACQUIRED ACRES			AREA REMAINING ACRES		EASEMENT (SQUARE FEET)		
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE		LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.
				BK.	PAGE											
1	City of Gallatin	126L C	027.01	419	587	0.335		0.335			0.335					
2	H&S Properties	126	007.04	3022	848		1.094	1.094				1.094				
3	Gallatin Housing Association LP	126	007.00	2098	497	16.243		16.243			16.243					
4	Oak Tree Partners, LLC	126	007.03	3507	237		65.708	65.708	1.391	1.391		64.317	0.224 AC	891	0.249 AC	
5	Oak Tree Partners, LLC	127L E	072.00	3451	9	1.519		1.519			1.519					
6	Oak Tree Partners, LLC	127L E	073.00	3451	9	0.421		0.421			0.421					
7	Linatex Corp. of America	126	007.02	240	493	13.742		13.742			13.742					
8	Sumner County Board of Education	126	007.01	3043	88	18.105		18.105			18.105					
9	Sunbelt Properties	127	063.03	501	899	7.024		7.024			7.024					
10	ABC Group Properties INC	127	063.02	526	887	6.911		6.911			6.911					
11	Hoegannaes Corporation	127	061.00	398	41		77.006	77.006	0.663	0.663		76.343		67	289	
12	Garry L. Clark	127	063.05	2235	493	3.456		3.456			3.456					
13	Metro Ready Mix Concrete INC	127	063.04	955	810	3.453		3.453			3.453					
14	ABC Group Properties INC	127	063.00	3840	466	6.906		6.906			6.906					
15	R R Donnelley & Sons	127	064.00	456	662	145.396		145.396			145.396					
16	Stephen Dwight Fann	127	065.02	3365	693		1.000	1.000				1.000				
17	Stephen Dwight Fann	127	065.03	3365	693		0.999	0.999				0.999				
18	Ty Holdings LLC	127	065.00	3148	567		4.504	4.504				4.504				
19	Richard A Isaacson	127	066.00	3179	627		50.101	50.101				50.101				

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	3A
CONST.	2016	83950-3562-04	3A

REV. 04-05-16: UPDATED TRACT NOS. 4 & 11 ON THE R.O.W. ACQUISITION TABLE TO PROPOSED 50' RIGHT-OF-WAY OFF-SET FROM CENTERLINE, UPDATED EASEMENTS ON TRACTS 4 & 11 AS NECESSARY.

UNOFFICIAL SET NOT FOR BIDDING

DISTURBED AREA	
IN BETWEEN SLOPE LINE	3.854 (AC)
15 FOOT WIDE STRIP (OUTSIDE SLOPE LINE)	2.435 (AC)
TOTAL DISTURBED AREA	6.289 (AC)

RIGHT - OF - WAY NOTES

- IT IS INTENDED THAT ALL BUILDINGS AND/OR PORTIONS OF BUILDINGS THAT ARE WITHIN THE PROPOSED RIGHT-OF-WAY AND/OR EASEMENT LINES FOR THE PROJECT BE REMOVED THERE FROM IN THE PROCESS OF RIGHT-OF-WAY ACQUISITION. IF ANY SUCH BUILDINGS OR IMPROVEMENTS ARE NOT REMOVED IN THE COURSE OF RIGHT-OF-WAY ACQUISITION, THE CIVIL ENGINEERING MANAGER 2, DESIGN DIVISION AND THE CIVIL ENGINEERING MANAGER 1, REGIONAL DESIGN OFFICE, ARE TO BE NOTIFIED IN SUFFICIENT TIME TO PERMIT HAVING SUCH REMOVALS DESIGNATED AS A PART OF THE CONSTRUCTION CONTRACT.
- ALL RAMPS MUST CONFORM TO THE DEPARTMENT'S "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING, RECONSTRUCTION AND CONSTRUCTION PROJECTS ON NEW LOCATIONS", THE MANUAL ON RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF-WAY, STANDARD DRAWING RP-R-1, AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.
- EXISTING PAVED DRIVEWAY PER TRACT REMAINDER WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.
- WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY EXCEEDS 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED TO A TOUCHDOWN POINT OR UNTIL THE GRADE IS LESS THAN 7 PERCENT.
- WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY IS LESS THAN 7 PERCENT IN GRADE, EACH DRIVEWAY WILL BE PAVED A SHOULDER WIDTH FROM THE EDGE OF PAVEMENT AND THE REMAINDER OF THAT DRIVEWAY REPLACED IN KIND TO A TOUCHDOWN POINT.
- ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- NEW DRIVEWAYS PROVIDED IN THE PLANS WILL BE PAVED BASED ON THE 7 PERCENT CRITERIA. THOSE 7 PERCENT OR STEEPER IN GRADE WILL BE PAVED AND THOSE FLATTER THAN 7 PERCENT WILL BE COVERED WITH BASE STONE.
- ON PROJECTS WITHOUT CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT AND TO CONSTRUCT ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.
- ON NON-STATE ROUTES, ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS SHALL REQUIRE A PERMIT ONLY IF THE LOCAL AGENCY SPECIFIES THE NEED FOR THAT PERMIT.

UTILITY NOTES

- THE LOCATIONS OF UTILITIES SHOWN WITHIN THESE PLANS ARE APPROXIMATE ONLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY CONTACTING THE UTILITY COMPANIES INVOLVED. NOTIFICATION BY CALLING THE TENNESSEE ONE CALL SYSTEM, INC., AT 1-800-351-1111 AS REQUIRED BY TCA 65-31-106 WILL BE REQUIRED.
- UNLESS OTHERWISE NOTED, ALL UTILITY ADJUSTMENTS WILL BE PERFORMED BY THE UTILITY OR IT'S REPRESENTATIVE. THE CONTRACTOR AND UTILITY OWNERS WILL BE REQUIRED TO COOPERATE WITH EACH OTHER IN ORDER TO EXPEDITE THE WORK REQUIRED BY THIS CONTRACT. ON CONTRACTS WHERE CONSTRUCTION STAKES, LINES, AND GRADES ARE CONTRACT ITEMS, THE CONTRACTOR WILL BE REQUIRED TO PROVIDE RIGHT-OF-WAY OR SLOPE STAKES, DITCH OR STREAM BED GRADES, OR OTHER ESSENTIAL SURVEY STAKING TO PREVENT CONFLICTS WITH THE HIGHWAY CONSTRUCTION. FREQUENTLY, THIS WILL BE REQUIRED AS THE FIRST ITEM OF WORK AND AT ANY LOCATION ON THE PROJECT DIRECTED BY THE ENGINEER.
- THE CONTRACTOR WILL PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION OF THIS PROJECT. IN THE EVENT THAT SPECIAL EQUIPMENT IS REQUIRED TO WORK OVER AND AROUND THE UTILITIES, THE CONTRACTOR WILL BE REQUIRED TO FURNISH SUCH EQUIPMENT. THE COST OF PROTECTING UTILITIES FROM DAMAGE AND FURNISHING SPECIAL EQUIPMENT WILL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.
- PRIOR TO SUBMITTING HIS BID, THE CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONTACTING OWNERS OF ALL AFFECTED UTILITIES IN ORDER TO DETERMINE THE EXTENT TO WHICH UTILITY RELOCATIONS AND/OR ADJUSTMENTS WILL HAVE UPON THE SCHEDULE OF WORK FOR THE PROJECT. WHILE SOME WORK MAY BE REQUIRED 'AROUND' UTILITY FACILITIES THAT WILL REMAIN IN PLACE, OTHER UTILITY FACILITIES MAY NEED TO BE ADJUSTED CONCURRENTLY WITH THE CONTRACTOR'S OPERATIONS. ADVANCE CLEAR CUTTING MAY BE REQUIRED BY THE ENGINEER AT ANY LOCATION WHERE CLEARING IS CALLED FOR IN THE SPECIFICATIONS AND CLEAR CUTTING IS NECESSARY FOR A UTILITY RELOCATION. ANY ADDITIONAL COST WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE CLEARING ITEM SPECIFIED IN THE PLANS.
- THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106.

UTILITY OWNERS							
UTILITY	OWNER	PHONE NO.	CONTACT	EMAIL	ADDRESS	CITY	STATE ZIP CODE
TELEPHONE	AT&T	O:(615) 214-7318, C:(615) 955-0653	KIM BEAN	KB1078@att.com	333 COMMERCE STREET ROOM 23C142	NASHVILLE	TN 37201
WATER	CITY OF GALLATIN WATER, SEWER AND GAS	O:(615) 451-5922, F:(615) 452-0568	DAVID GREGORY	dgregory@gallatinutilities.com	239 HANCOCK STREET	GALLATIN	TN 37066
SEWER	CITY OF GALLATIN WATER, SEWER AND GAS	O:(615) 451-5922, F:(615) 452-0568	DAVID GREGORY	dgregory@gallatinutilities.com	239 HANCOCK STREET	GALLATIN	TN 37066
GAS	CITY OF GALLATIN WATER, SEWER AND GAS	O:(615) 451-5922, F:(615) 452-0568	DAVID GREGORY	dgregory@gallatinutilities.com	239 HANCOCK STREET	GALLATIN	TN 37066
CABLE	COMCAST (XFINITY)	O:615-896-5126	JERRY STENDER	Jerry_stender@comcast.com	600 MAINSTREAM DR.	NASHVILLE	TN 37228
ELECTRIC	C.E.M.C.	O:(931) 645-2481, EXT: 1117	MARK COOK	MCOOK@CEMC.ORG	1940 MADISON EXTENSION	CLARKSVILLE	TN 37043
	GALLATIN ELECTRIC	O:(615) 452-5152, F:(615) 452-6060	MIKE TAYLOR	MTAYLOR@GALLATINELECTRIC.COM	135 JONES ST.	GALLATIN	TN 37066
	TVA	O: 423-751-2213	SHANE BEASLEY	skbeasley@tva.gov	1101 MARKET STREET MR4G	CHATTANOOGA	TN 37402-2801

DISCLAIMER

THIS SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. ABOVE GRADE AND UNDERGROUND UTILITIES SHOWN WERE TAKEN FROM VISIBLE APPURTENANCES AT THE SITE, PUBLIC RECORDS AND/OR MAPS PREPARED BY OTHERS. THEREFORE, RELIANCE UPON THE TYPE, SIZE AND LOCATION OF UTILITIES SHOWN SHOULD BE DONE SO WITH THIS CIRCUMSTANCE CONSIDERED. DETAILED VERIFICATION OF EXISTENCE, LOCATION, AND DEPTH SHOULD ALSO BE MADE PRIOR TO ANY DECISION RELATIVE THERETO IS MADE. AVAILABILITY AND COST OF SERVICE SHOULD BE CONFIRMED WITH THE APPROPRIATE UTILITY COMPANY. IN TENNESSEE, IT IS A REQUIREMENT, PER "THE UNDERGROUND UTILITY DAMAGE PREVENTION ACT", THAT WHO ENGAGES IN EXCAVATION MUST NOTIFY ALL KNOWN UNDERGROUND UTILITY OWNERS, NO LESS THAN (3) THREE OR NO MORE THAN (10) TEN WORKING DAYS PRIOR TO THE DATE OF THEIR INTENT TO EXCAVATE AND ALSO TO AVOID ANY POSSIBLE HAZARD OR CONFLICT, TENNESSEE ONE CALL 1-800-351-1111.

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	4
CONST.	2016	83950-3562-04	4

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED ALL PROPOSED EASEMENTS, UPDATED BEGIN PROJECT FLAG AND NORTHING & EASTING COORDINATES.

ALBION CIRCLE STA. 20+00.00
N 743911.3247
E 1841159.8135

BEGIN PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 49+20.96

N 742963.5124
E 1840754.6180

BEGIN PROJ. NO. 83950-3562-04 (CONST.)
STA. 49+50.78

N 742992.5990
E 1840761.1654

CURVE SC4
ALBION CIRCLE
PI 21+03.70
N 743,807.6198
E 1,841,159.8135
Δ 29° 04' 09" (LT)
D 14' 19' 26"
R 400.00
L 202.94
T 103.70

CURVE SC1
AIRPORT BLVD.
PI 58+64.17
N 743,884.7160
E 1,840,957.1602
Δs 84° 38' 00" (RT)
Δs 6° 00' 00"
Δc 72° 38' 00" (RT)
Dc 6° 00' 00"
Rc 954.93
Lc 1,210.56
Ts 970.98
Ls 200.00
SE 0.062 FT/FT
DESIGN SPEED 40 MPH
TRANS. LENGTH 119.55'

POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPS83-999-64	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

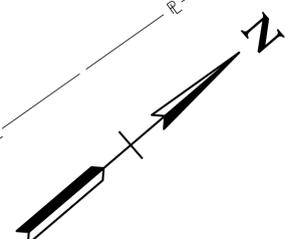
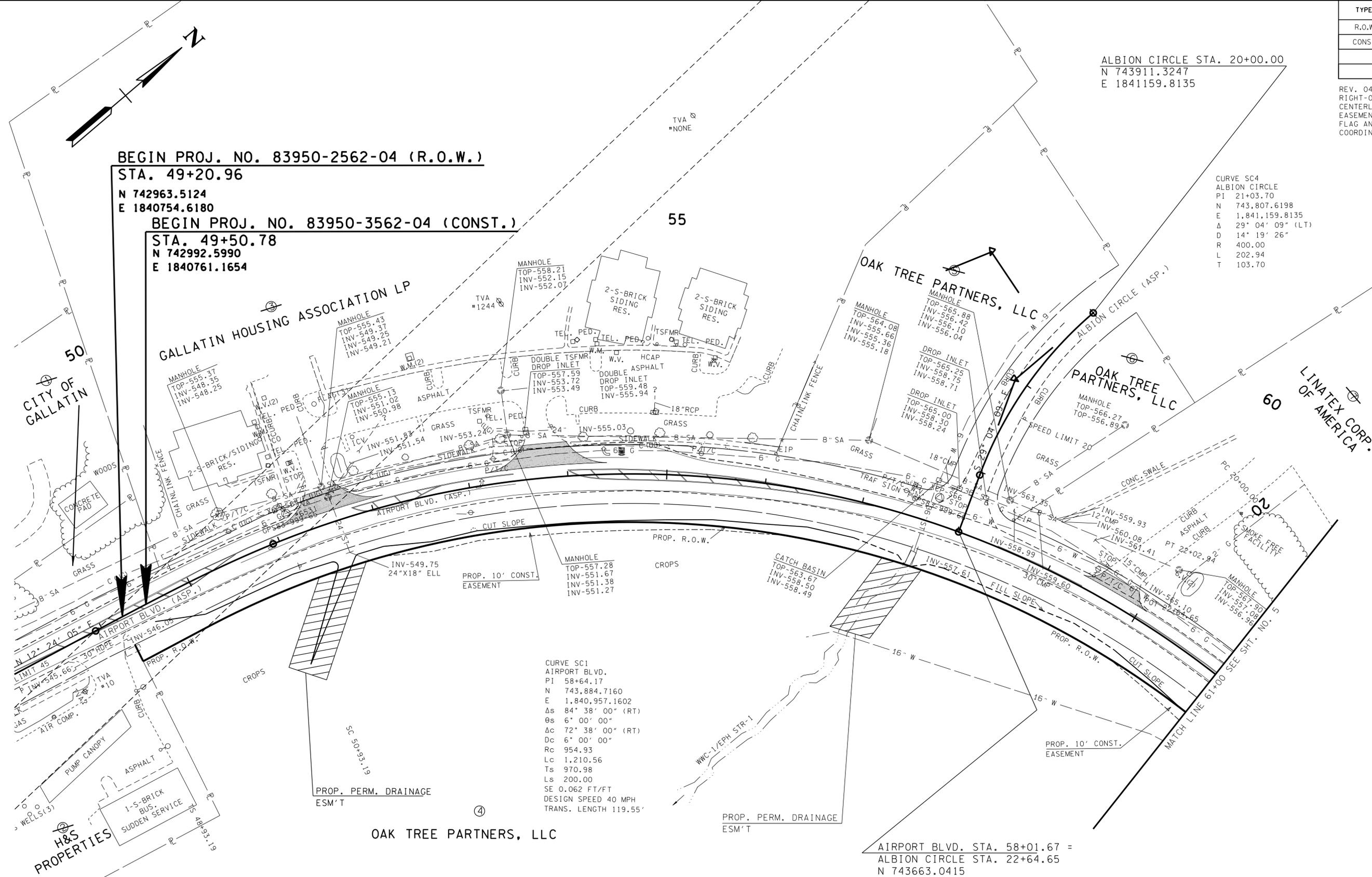
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**PRESENT
LAYOUT**

STA. 49+20.96 TO STA. 61+00

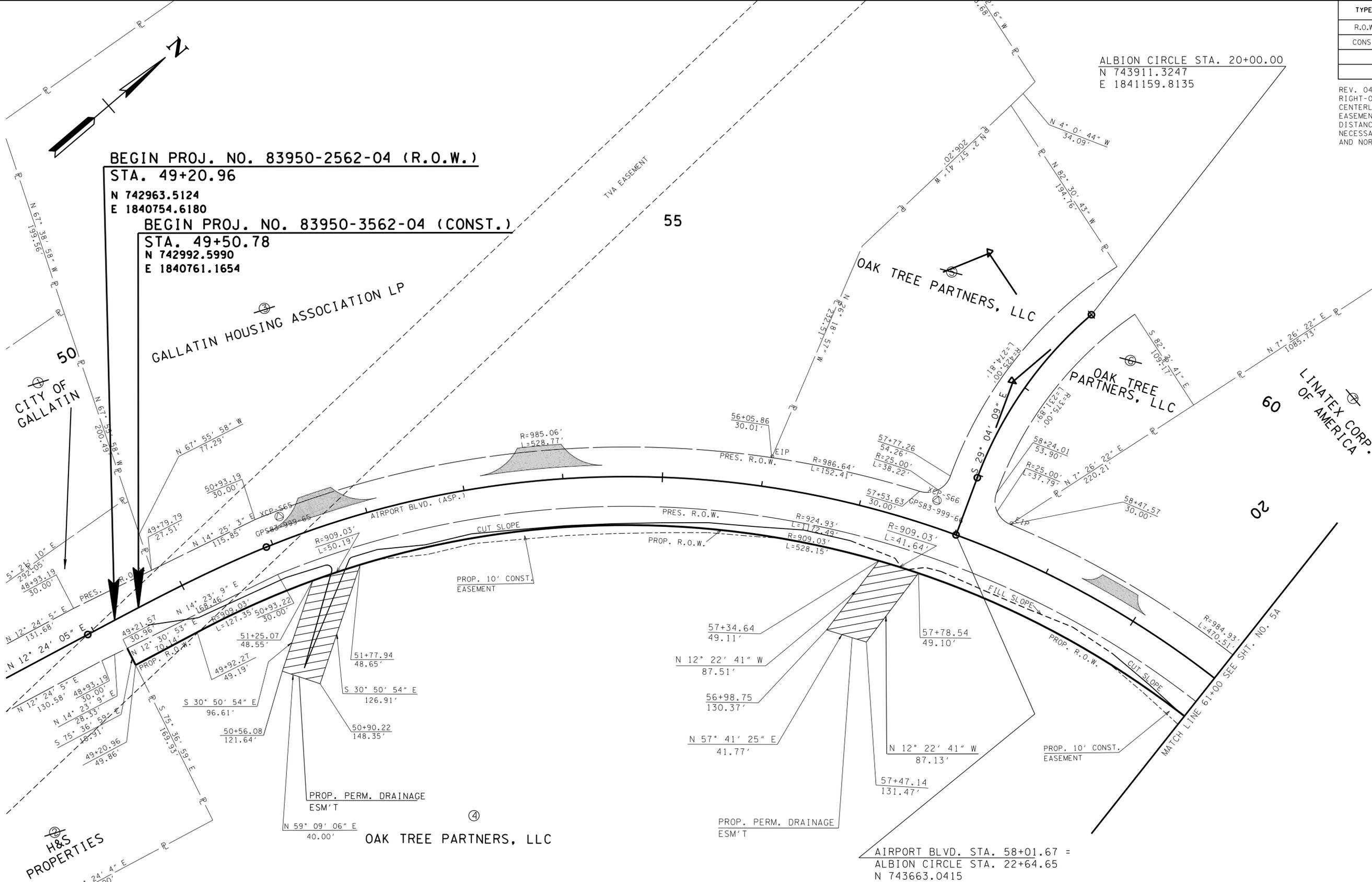
SCALE: 1" = 50'

23-SEP-2016 11:30 \\J033\F01\tdot\stote\tnus\035hor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0004.sht



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	4A
CONST.	2016	83950-3562-04	4A

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE. UPDATED ALL PROPOSED EASEMENTS. UPDATED BEARINGS AND DISTANCES & STATION AND OFFSETS AS NECESSARY. UPDATED BEGIN PROJECT FLAG AND NORTHING & EASTING COORDINATES.



BEGIN PROJ. NO. 83950-2562-04 (R.O.W.)
 STA. 49+20.96
 N 742963.5124
 E 1840754.6180

BEGIN PROJ. NO. 83950-3562-04 (CONST.)
 STA. 49+50.78
 N 742992.5990
 E 1840761.1654

ALBION CIRCLE STA. 20+00.00
 N 743911.3247
 E 1841159.8135

AIRPORT BLVD. STA. 58+01.67 =
 ALBION CIRCLE STA. 22+64.65
 N 743663.0415
 E 1841240.1831

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**R.O.W.
 DETAILS**

STA. 49+20.96 TO STA. 61+00

SCALE: 1" = 50'

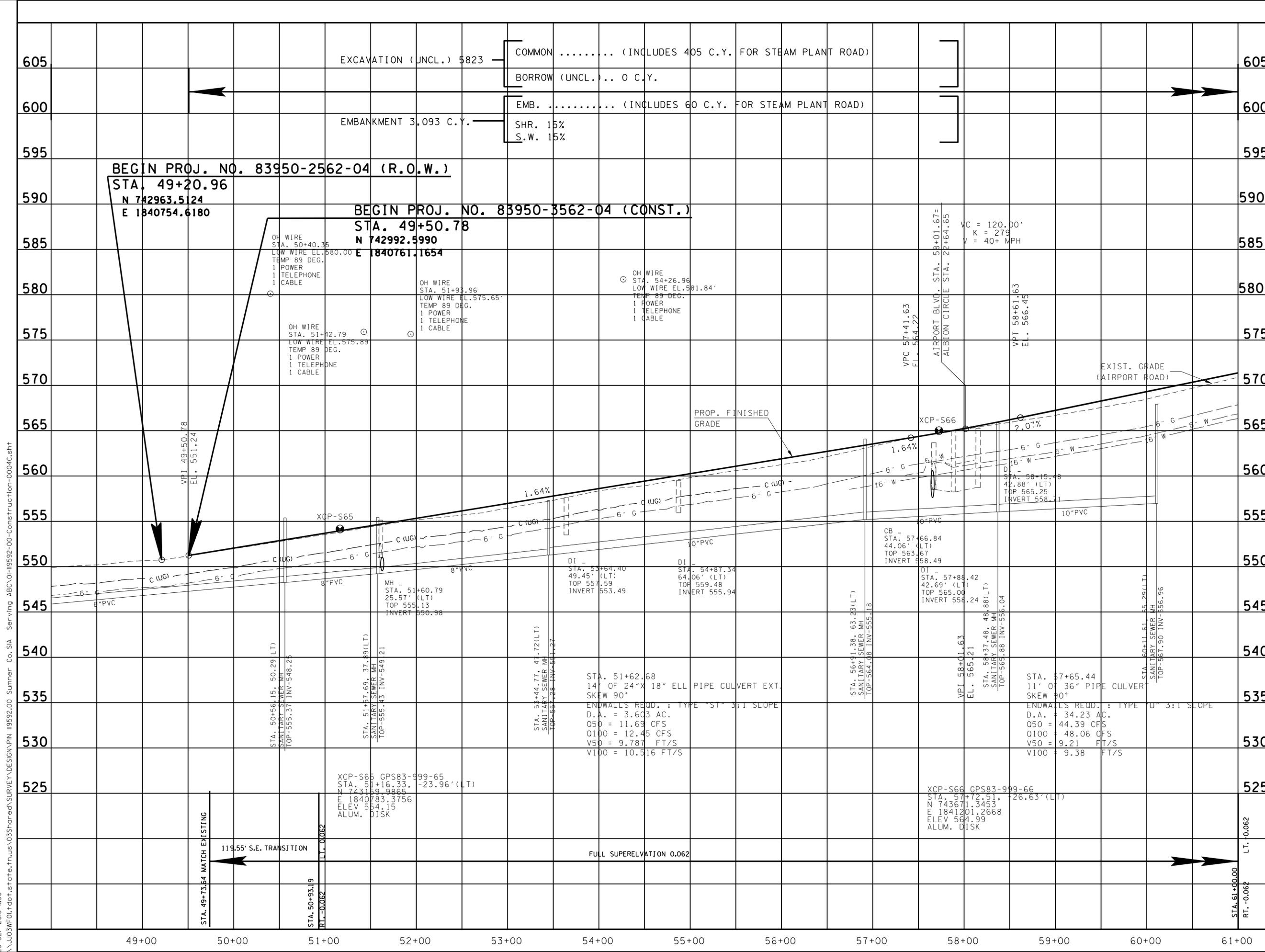
POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPSCP-1	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

23-SEP-2016 11:30 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0004A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	4C
CONST.	2016	83950-3562-04	4C

REV. 04-05-16: UPDATED BEGIN PROJECT FLAG.

23-SEP-2016 11:30 \\J033WF01.tdot.state.tn.us\03Shorbed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0004C.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY



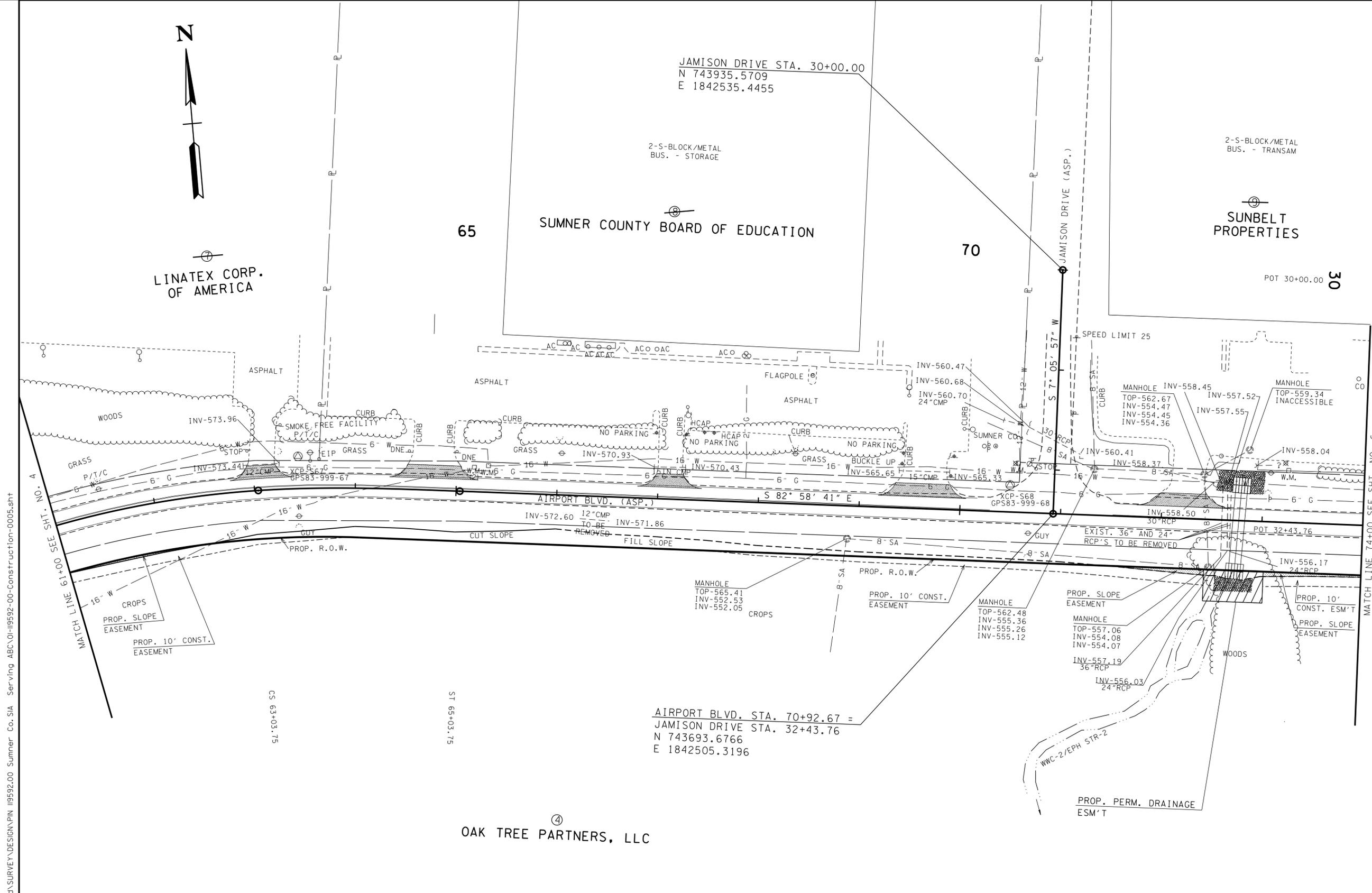
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 49+20.96 TO STA. 61+00
SCALE: 1"=50' HORIZ.
1"=5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	5
CONST.	2016	83950-3562-04	5

REV. 04-05-16; MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE. UPDATED ALL PROPOSED EASEMENTS.



23-SEP-2016 11:30 \\J03WF01.tdot.state.tn.us\03Shored\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0005.sht

JAMISON DRIVE STA. 30+00.00
N 743935.5709
E 1842535.4455

65

SUMNER COUNTY BOARD OF EDUCATION

70

SUNBELT PROPERTIES

POT 30+00.00 30

LINATEX CORP. OF AMERICA

AIRPORT BLVD. STA. 70+92.67 =
JAMISON DRIVE STA. 32+43.76
N 743693.6766
E 1842505.3196

OAK TREE PARTNERS, LLC

POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPSCP-1	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

UNOFFICIAL SET NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT
STA. 61+00 TO STA. 74+00

SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	5A
CONST.	2016	83950-3562-04	5A

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE. UPDATED ALL PROPOSED EASEMENTS. UPDATED BEARINGS AND DISTANCES & STATIONS AND OFFSETS AS NECESSARY.



LINATEX CORP.
OF AMERICA

65 SUMNER COUNTY BOARD OF EDUCATION

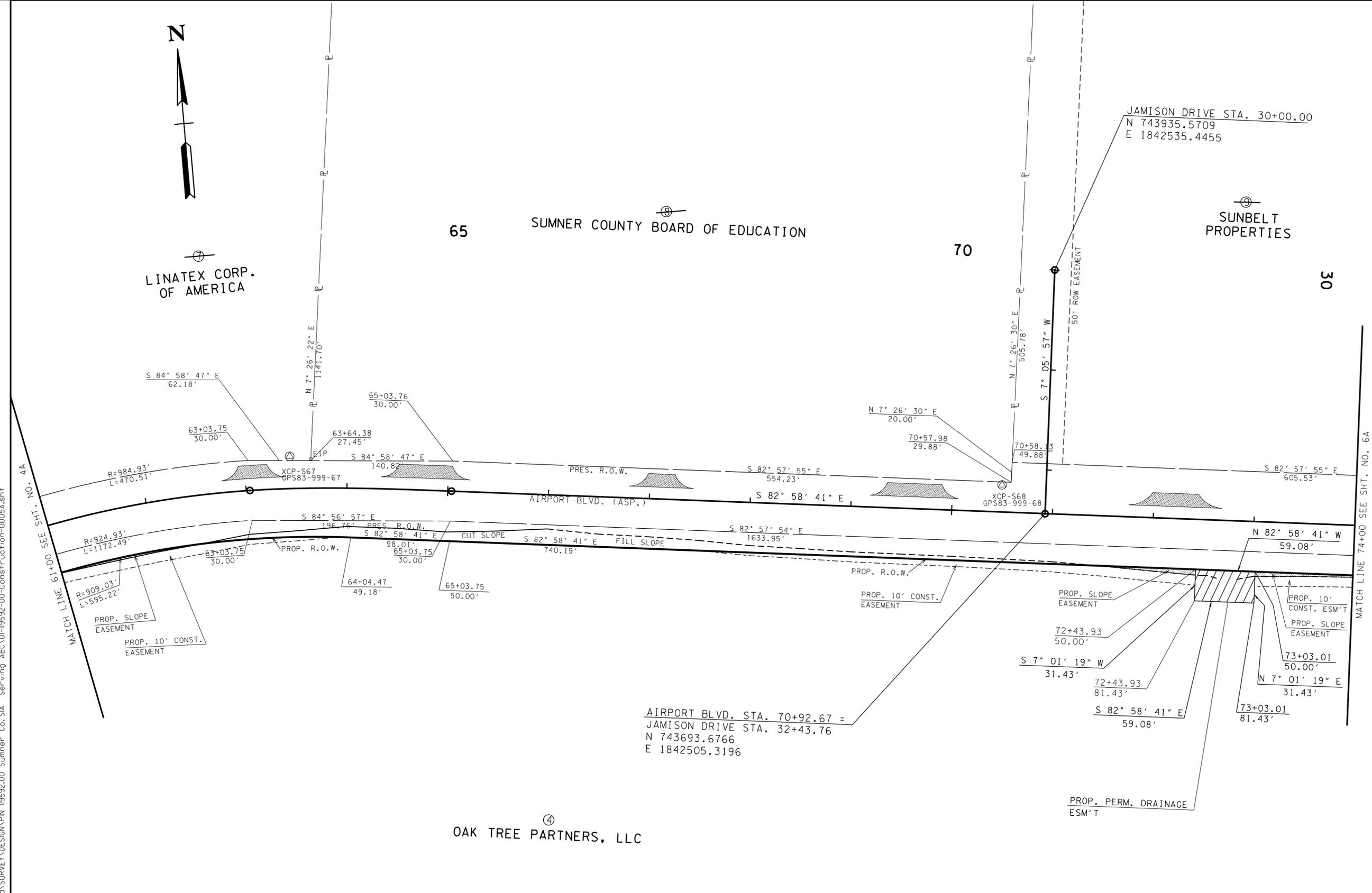
70

SUNBELT
PROPERTIES

30

MATCH LINE 16+00 SEE SHT. NO. 4A

MATCH LINE 74+00 SEE SHT. NO. 6A



AIRPORT BLVD. STA. 70+92.67 =
JAMISON DRIVE STA. 32+43.76
N 743693.6766
E 1842505.3196

④
OAK TREE PARTNERS, LLC

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.00003 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**R.O.W.
DETAILS**

STA. 61+00 TO STA. 74+00

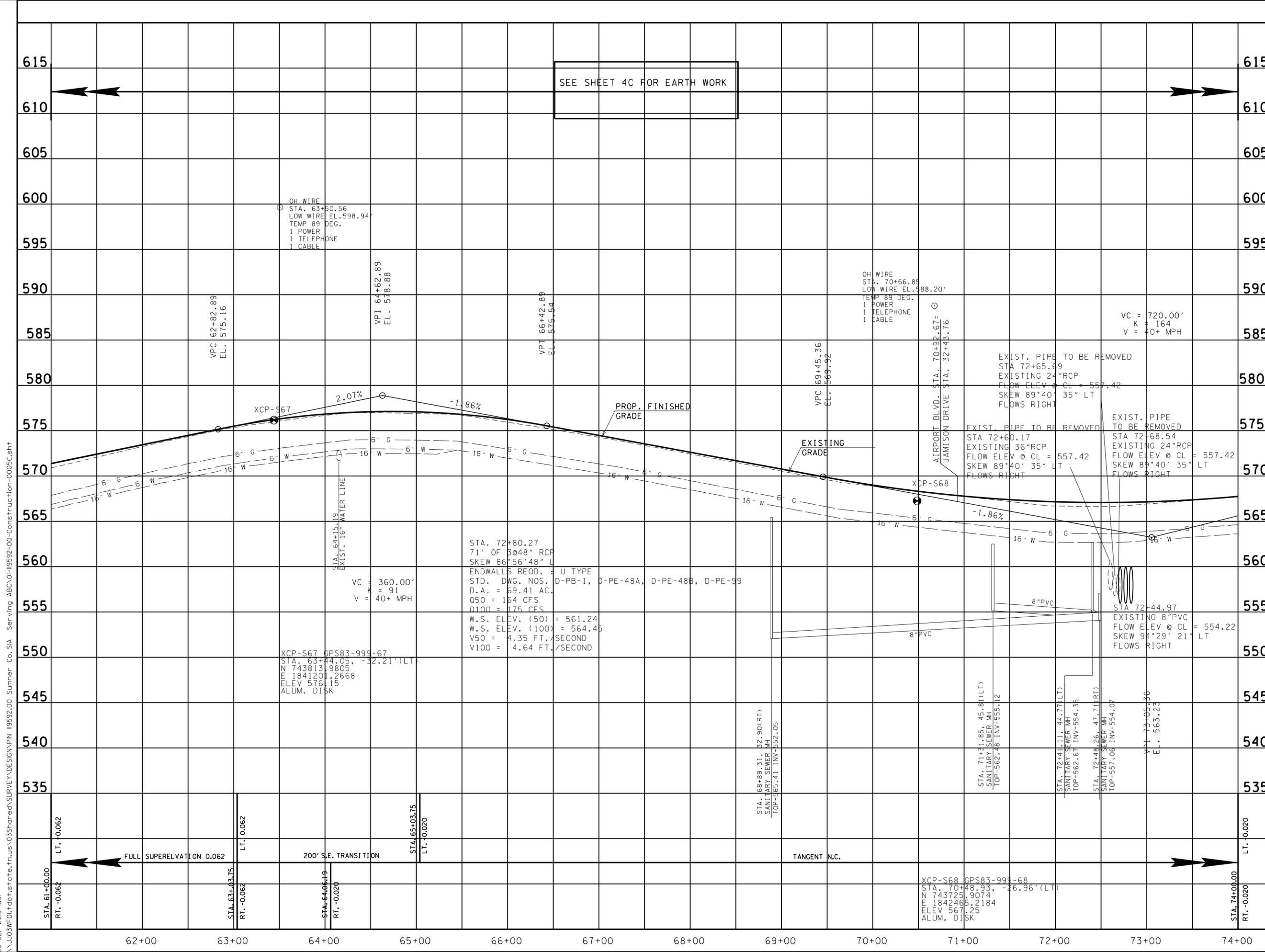
SCALE: 1"=50'

POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPSCP-1	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

23-SEP-2016 11:30 \\J03WF01.tdot.storfe.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Sumner Co. SIA Servng ABC\0119592-00-Construction-0005A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	5C
CONST.	2016	83950-3562-04	5C

23-SEP-2016 11:31 \\J033WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Serv'ing ABC\0119592-00-Construction-0005C.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

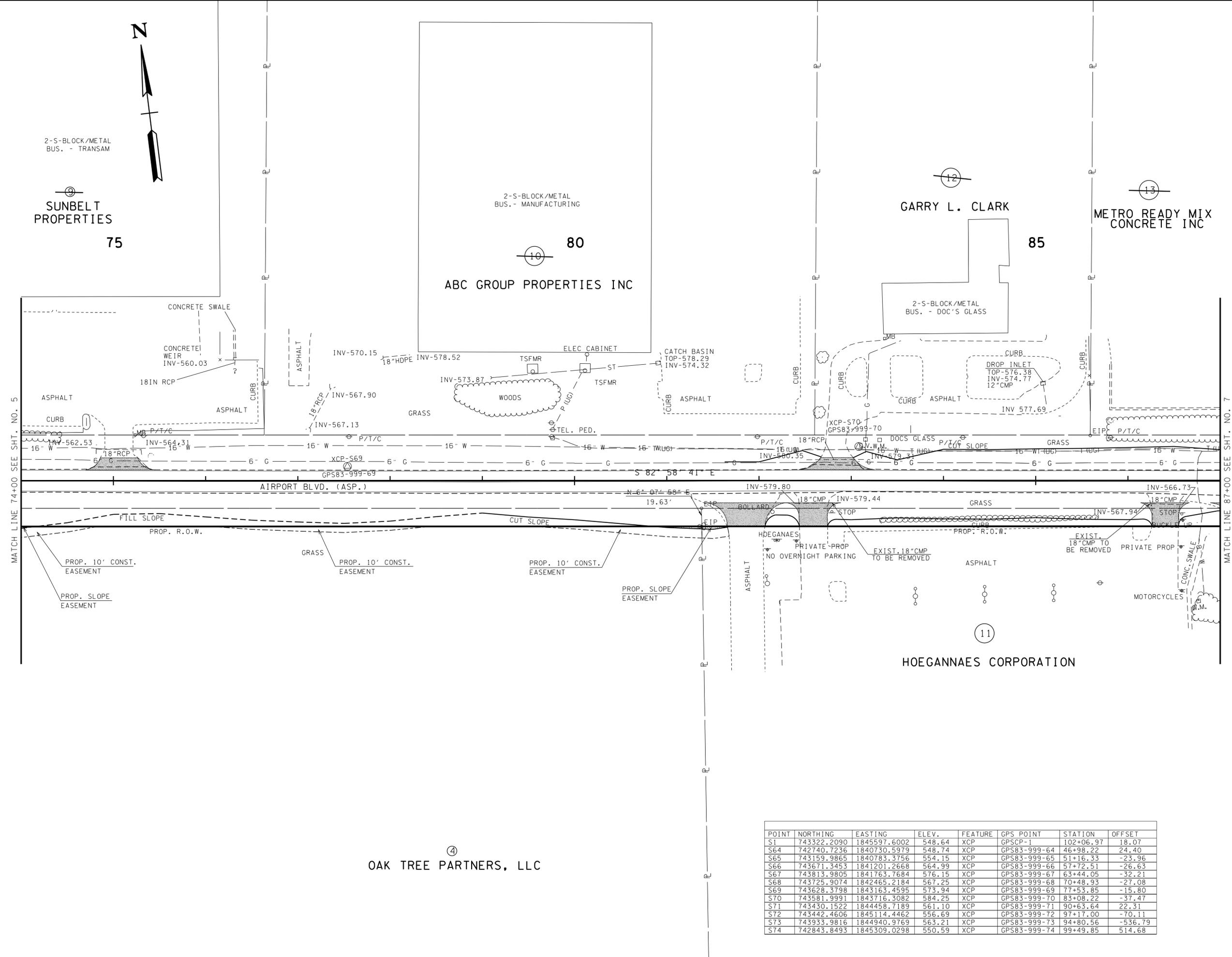
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE
STA. 61+00 TO STA. 74+00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	6
CONST.	2016	83950-3562-04	6

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED ALL PROPOSED EASEMENTS.



23-SEP-2016 11:31 \\J033\F01.tdot.storfe.tn.us\033\Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0006.sht

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**PRESENT
LAYOUT**
STA. 74+00 TO STA. 87+00

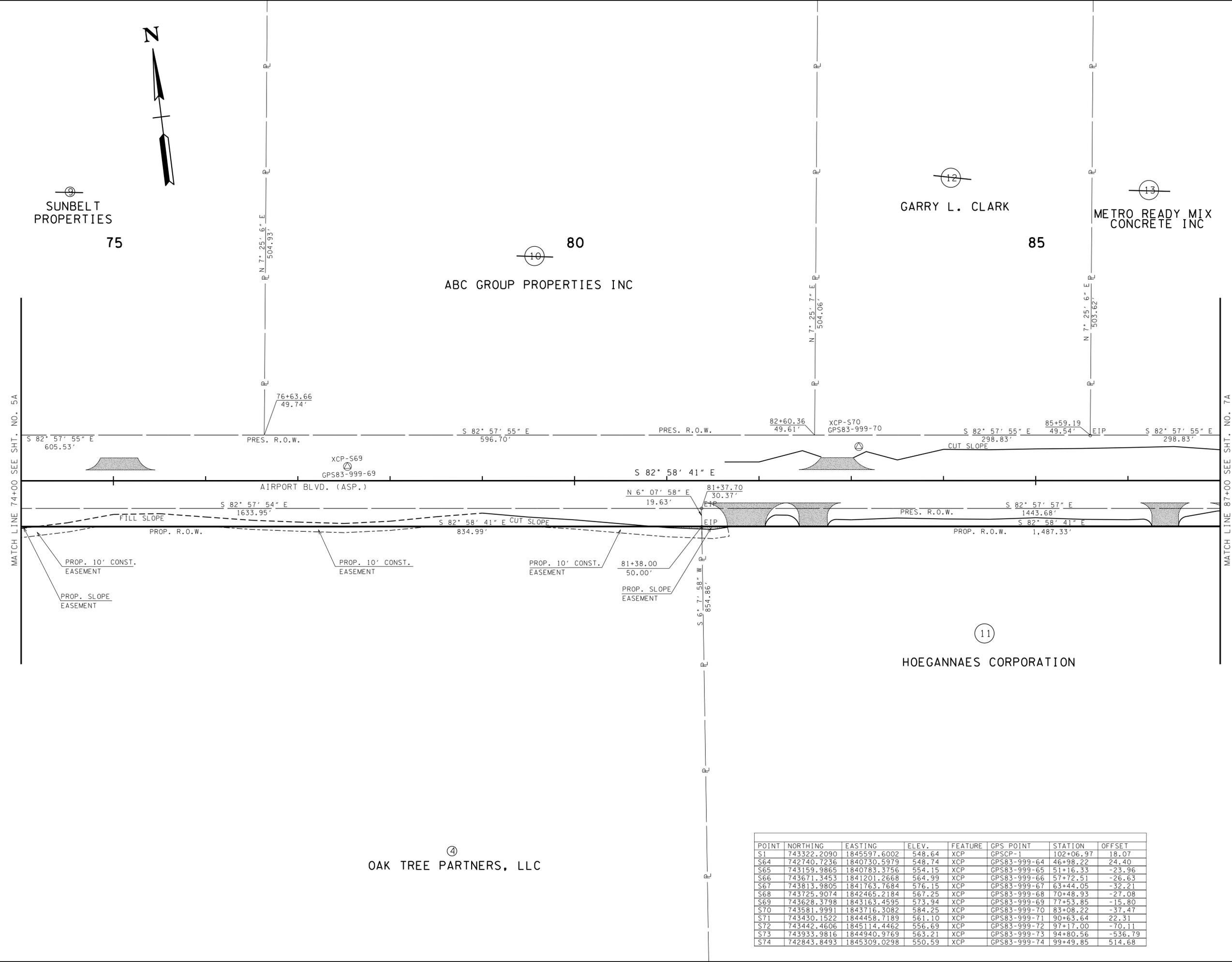
SCALE: 1" = 50'

POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPSCP-1	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

④
OAK TREE PARTNERS, LLC

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	6A
CONST.	2016	83950-3562-04	6A

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE. UPDATED ALL PROPOSED EASEMENTS. UPDATED BEARINGS AND DISTANCES & STATION AND OFFSETS AS NECESSARY.



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**R.O.W.
DETAILS**

STA. 74+00 TO STA. 87+00

SCALE: 1" = 50'

POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPS1-1	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

23-SEP-2016 11:31 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0006A.sht

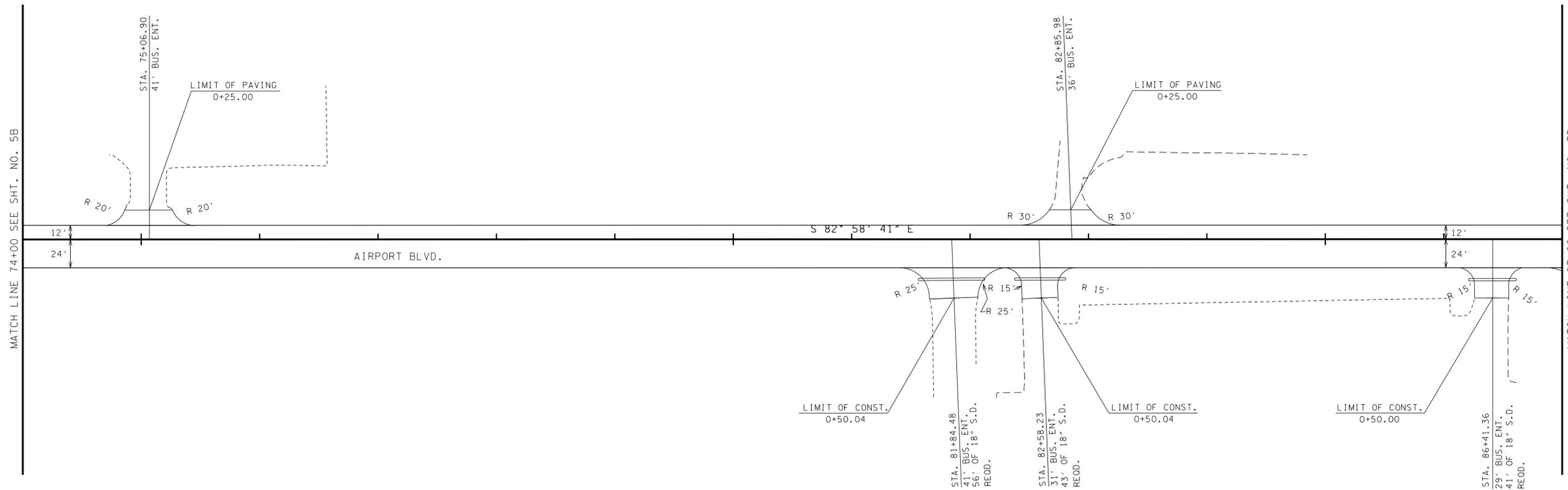
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	6B
CONST.	2016	83950-3562-04	6B



75

80

85



MATCH LINE 74+00 SEE SHT. NO. 5B

MATCH LINE 87+00 SEE SHT. NO. 7B

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

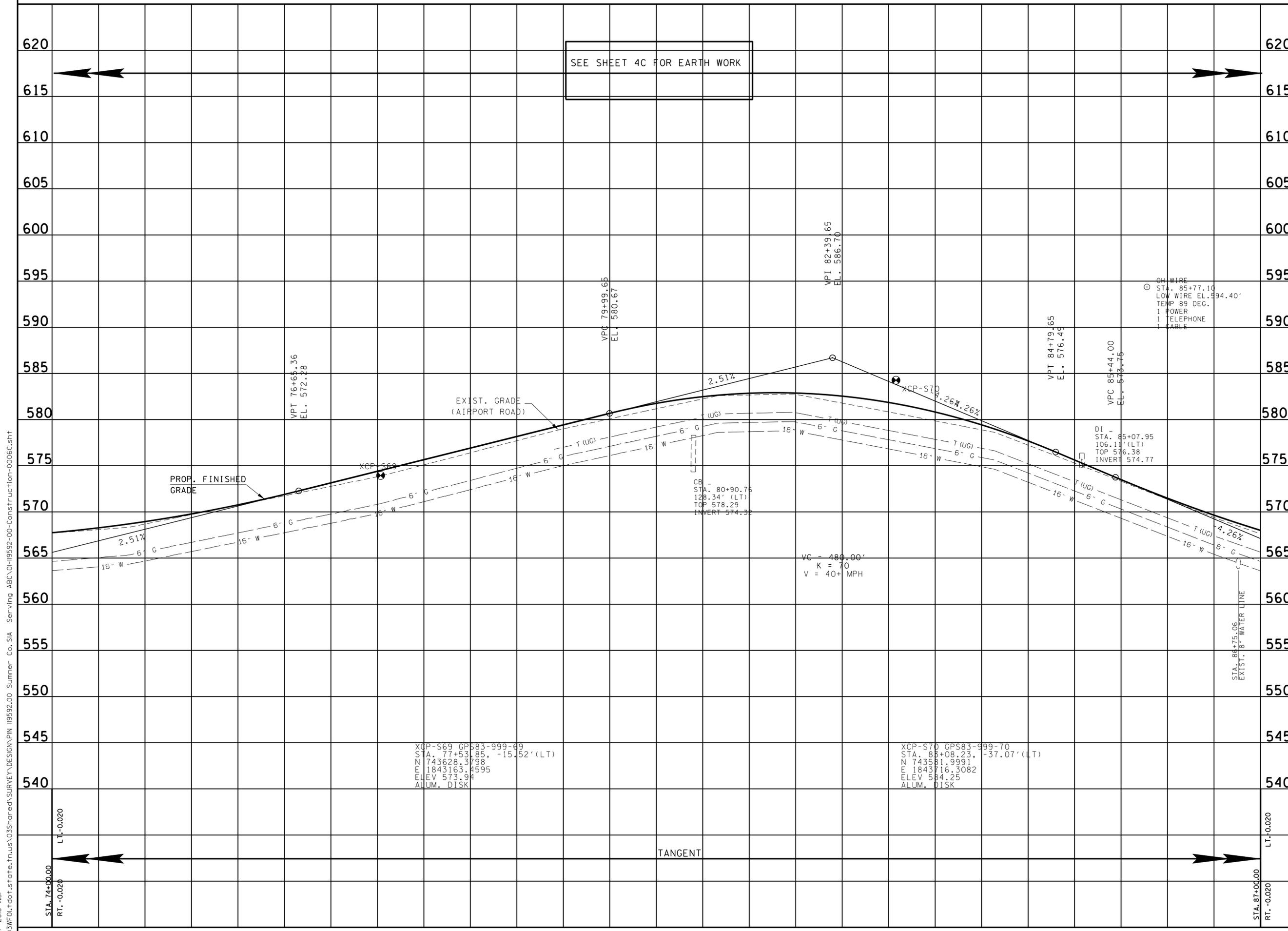
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**PROPOSED
LAYOUT**
STA. 74+00 TO STA. 87+00
SCALE: 1" = 50'

23-SEP-2016 11:31 \\J03WF01.tdot.state.tn.us\03Shor.ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0006B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	6C
CONST.	2016	83950-3562-04	6C

23-SEP-2016 11:31 \\J03WF01.tdot.state.tn.us\03Shorad\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servng ABC\0119592-00-Construction-0006C.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE
STA. 74+00 TO STA. 87+00
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	7
CONST.	2016	83950-3562-04	7

REV. 04-05-16; MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED END PROJECT FLAG AND NORTHING & EASTING COORDINATES.



RAILROAD SPUR
 CURVE SC8
 PI 60+37.36
 N 743,697.2573
 E 1,844,944.0947
 Δ 8° 32' 49" (RT)
 D 11° 27' 33"
 R 500.00
 L 74.59
 T 37.36
 SE N/A FT/FT
 DESIGN SPEED N/A MPH

TVA RAILROAD
 CURVE SC9
 PI 62+82.21
 N 743,455.8789
 E 1,844,985.9765
 Δ 18° 16' 53" (RT)
 D 11° 27' 33"
 R 500.00
 L 159.54
 T 80.45
 SE N/A FT/FT
 DESIGN SPEED N/A MPH
 TRANS. LENGTH N/A

STEAM PLANT ROAD STA. 40+00.00
 N 743924.9039
 E 1844921.1004

R R DONNELLEY & SONS

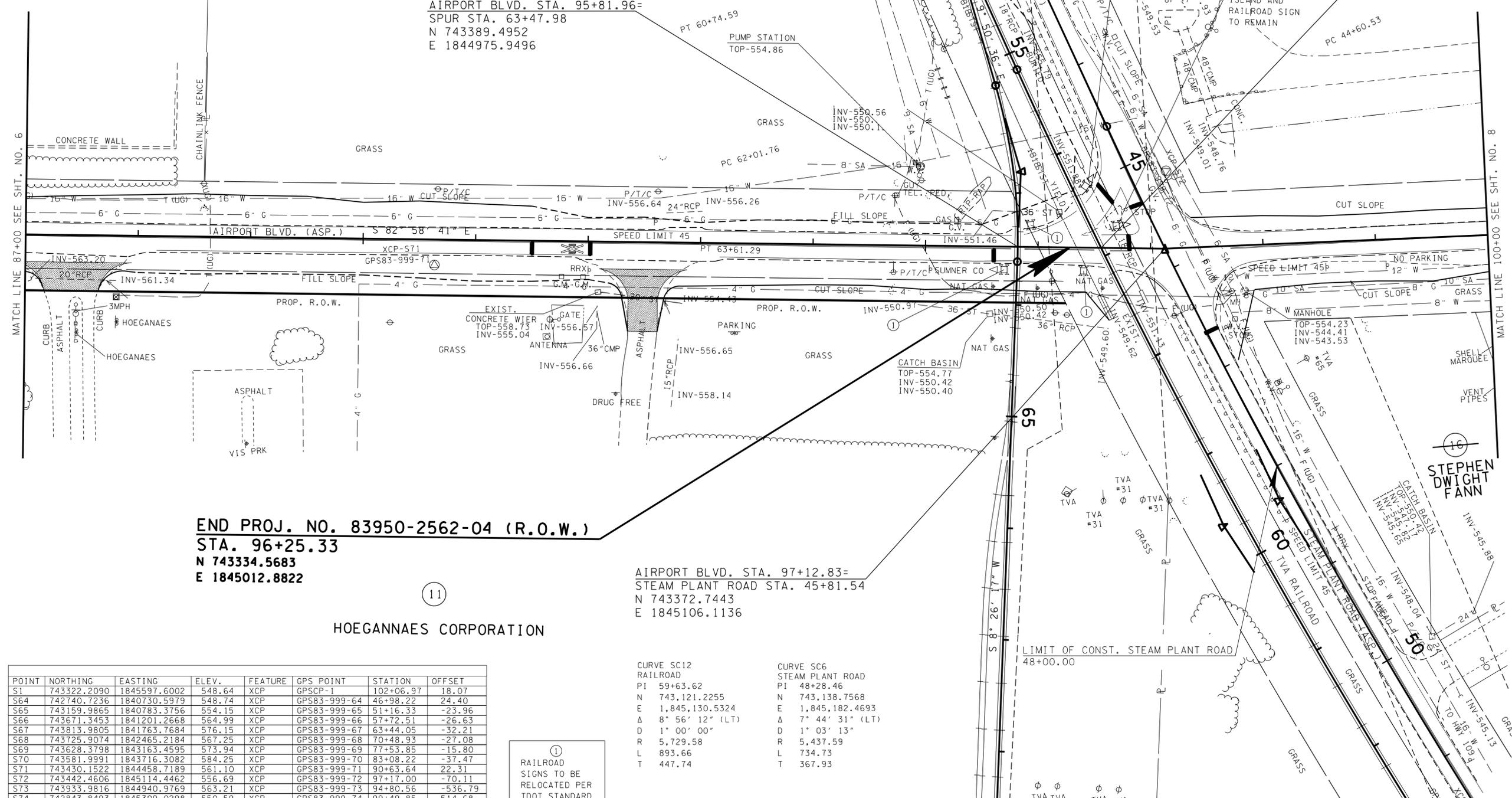
AIRPORT BLVD. STA. 96+56.04=
 RAILROAD STA. 56+92.07
 N 743379.7001
 E 1845049.7453

SPUR STA. 60+00.00=
 TVA RAILROAD STA. 53+20.81
 N 743732.7113
 E 1844932.3074

90 ABC GROUP PROPERTIES INC

AIRPORT BLVD. STA. 95+81.96=
 SPUR STA. 63+47.98
 N 743389.4952
 E 1844975.9496

METRO READY MIX
 CONCRETE INC



END PROJ. NO. 83950-2562-04 (R.O.W.)
 STA. 96+25.33
 N 743334.5683
 E 1845012.8822

HOEGANNAES CORPORATION

AIRPORT BLVD. STA. 97+12.83=
 STEAM PLANT ROAD STA. 45+81.54
 N 743372.7443
 E 1845106.1136

POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPSCP-1	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

①
 RAILROAD
 SIGNS TO BE
 RELOCATED PER
 TDOT STANDARD

CURVE SC12
 RAILROAD
 PI 59+63.62
 N 743,121.2255
 E 1,845,130.5324
 Δ 8° 56' 12" (LT)
 D 1° 00' 00"
 R 5,729.58
 L 893.66
 T 447.74

CURVE SC6
 STEAM PLANT ROAD
 PI 48+28.46
 N 743,138.7568
 E 1,845,182.4693
 Δ 7° 44' 31" (LT)
 D 1° 03' 13"
 R 5,437.59
 L 734.73
 T 367.93

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**



COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**PRESENT
 LAYOUT**

AIRPORT ROAD
 STA. 87+00 TO STA. 100+00
 STEAM PLANT ROAD
 STA. 40+00 TO STA. 51+50
 SCALE: 1" = 50'

23-SEP-2016 11:31 \\J033\F01\tdot\stote\trn\us\03\Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co.SIA Serv\ing ABC\01\19592-00-Const\raction-0007.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	7A
CONST.	2016	83950-3562-04	7A

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED BEARINGS AND DISTANCES & STATIONS AND OFFSETS AS NECESSARY. UPDATED END PROJECT FLAG AND NORTHING & EASTING COORDINATES.

15
R R DONNELLEY & SONS



13
METRO READY MIX CONCRETE INC

90 ABC GROUP PROPERTIES INC

AIRPORT BLVD. STA. 95+81.96=
SPUR STA. 63+47.98
N 743389.4952
E 1844975.9496

SPUR STA. 60+00.00=
TVA RAILROAD STA. 53+20.81
N 743732.7113
E 1844932.3074

AIRPORT BLVD. STA. 96+56.04=
RAILROAD STA. 56+92.07
N 743379.7001
E 1845049.7453

AIRPORT BLVD. STA. 97+12.83=
STEAM PLANT ROAD STA. 45+81.54
N 743372.7443
E 1845106.1136

11
HOEGANNAES CORPORATION

END PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 96+25.33
N 743334.5683
E 1845012.8822

POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPSCP-1	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

UNOFFICIAL SET
NOT FOR BIDDING

SEALED BY

16
STEPHEN DWIGHT FANN

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

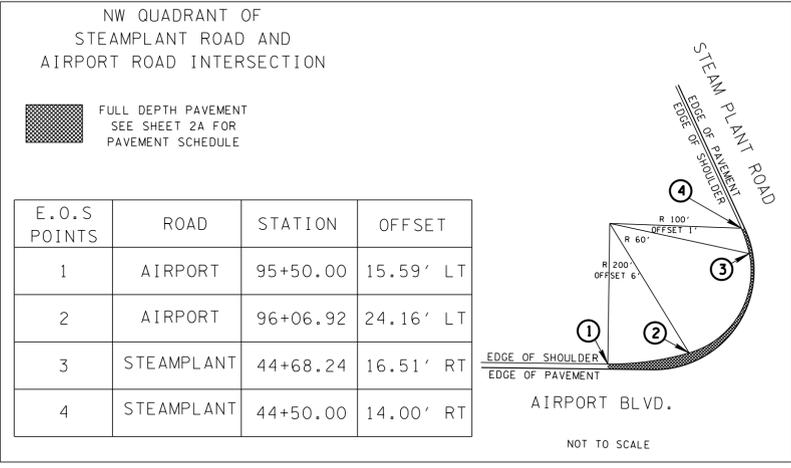
R.O.W. DETAILS
AIRPORT ROAD
STA. 87+00 TO STA. 100+00
STEAM PLANT ROAD
STA. 40+00 TO STA. 51+50

SCALE: 1" = 50'

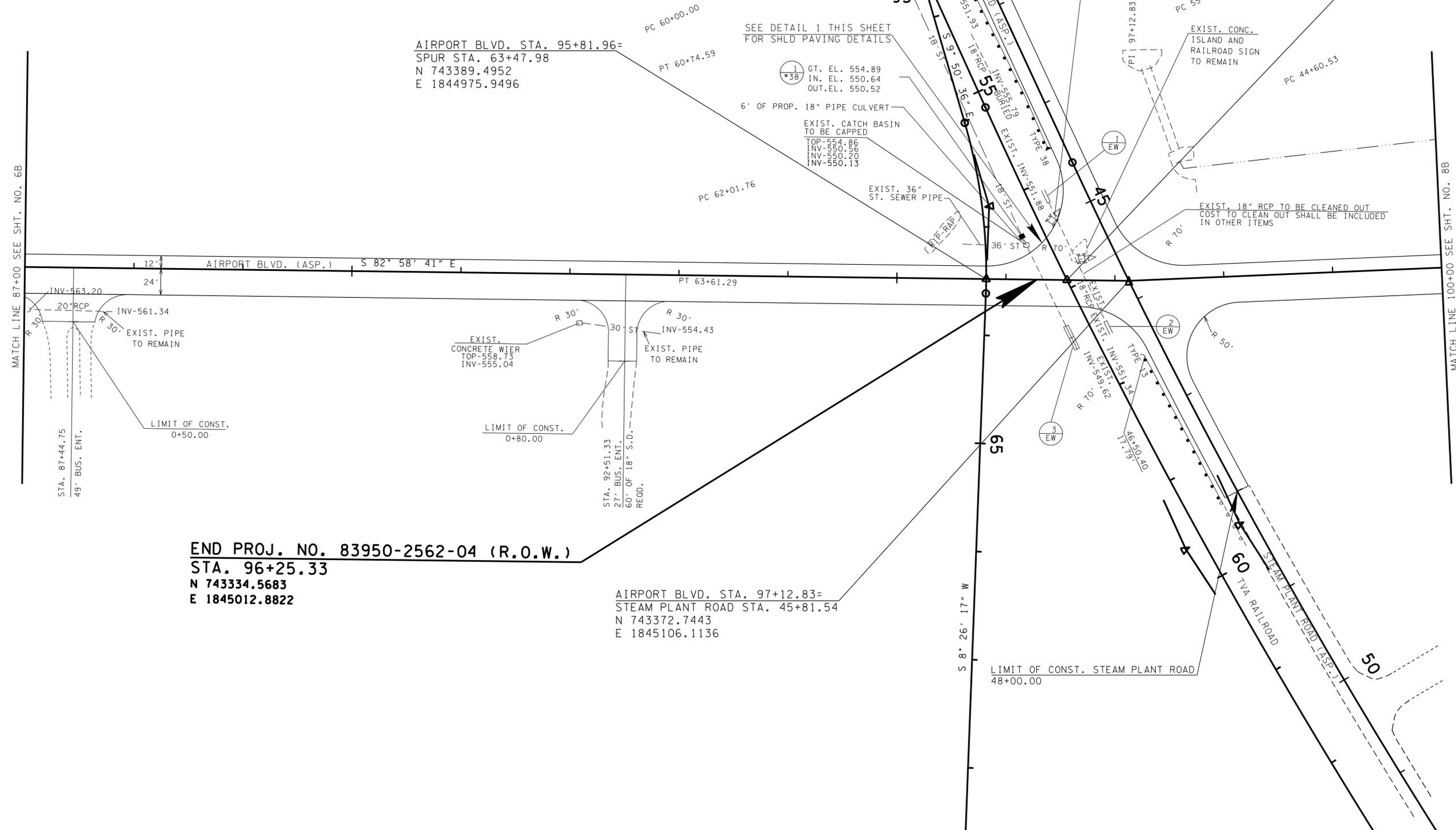
23-SEP-2016 11:31 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co.SIA Servng ABC\0119592-00-Construction-0007A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	7B
CONST.	2016	83950-3562-04	7B

REV. 04-05-16: UPDATED END PROJECT FLAG AND NORTHING & EASTING COORDINATES, ADDED RAILROAD RECOMMENDATIONS.



DETAIL 1 90



END PROJ. NO. 83950-2562-04 (R.O.W.)
 STA. 96+25.33
 N 743334.5683
 E 1845012.8822

AIRPORT BLVD. STA. 97+12.83=
 STEAMPLANT ROAD STA. 45+81.54
 N 743372.7443
 E 1845106.1136

UNOFFICIAL SET
NOT FOR BIDDING



COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

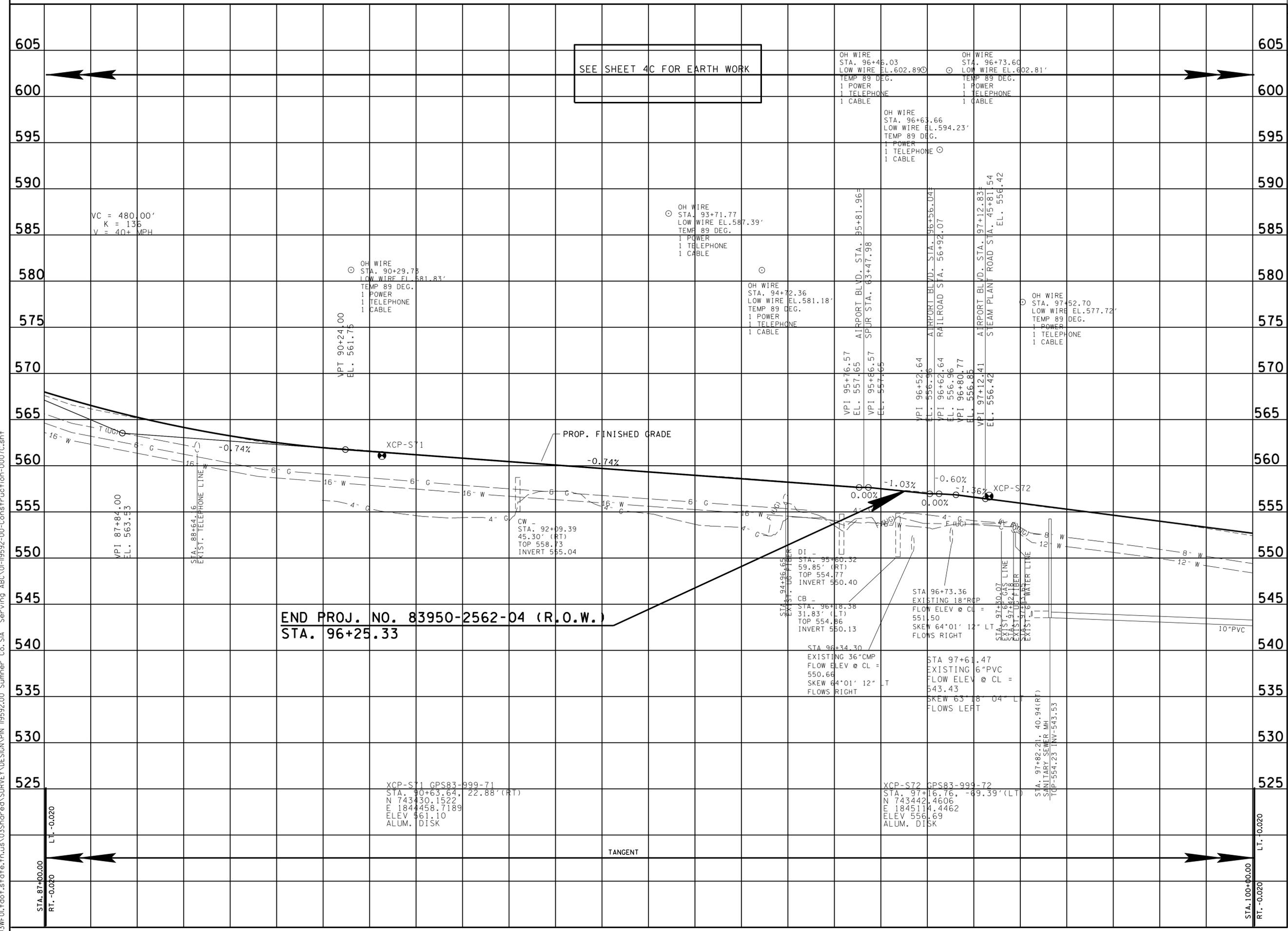
AIRPORT ROAD
 STA. 87+00 TO STA. 100+00
 STEAMPLANT ROAD
 STA. 40+00 TO STA. 51+50
 SCALE: 1" = 50'

23-SEP-2016 11:31 \\J033WF01.tdot.stote.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Serv'ing ABC\01-119592-00-Construction-0007B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	7C
CONST.	2016	83950-3562-04	7C

REV. 04-05-16; UPDATED END PROJECT FLAG.

SEE SHEET 4C FOR EARTH WORK



END PROJ. NO. 83950-2562-04 (R.O.W.)
 STA. 96+25.33

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 87+00 TO STA. 100+00
 SCALE: 1" = 50' HORIZ.
 1" = 5' VERT.

23-SEP-2016 11:31 \\J03WF01.tdot.state.tn.us\03Shorad\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0007C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	8
CONST.	2016	83950-3562-04	8

END PROJECT NO. 83950-3562-04 (CONST.)
 PIN NO. 119592.00, STATION 104+00.00=
 PROJECT NO. HPP-9306(16) (ADJACENT PROJECT)
 PIN NO. 112818.00, STATION 104+00.00
 N 743327.0821
 E 1845791.4419

CURVE CUR120
 AIRPORT BLVD.
 PI 113+48.81
 N 743,262.9960
 E 1,846,738.0875
 Δ 92° 09' 15" (LT)
 D 7° 09' 43"
 R 800.00
 L 1,286.72
 T 830.66
 SE 0.039 FT/FT
 DESIGN SPEED 45 MPH
 TRANS. LENGTH 187'



100

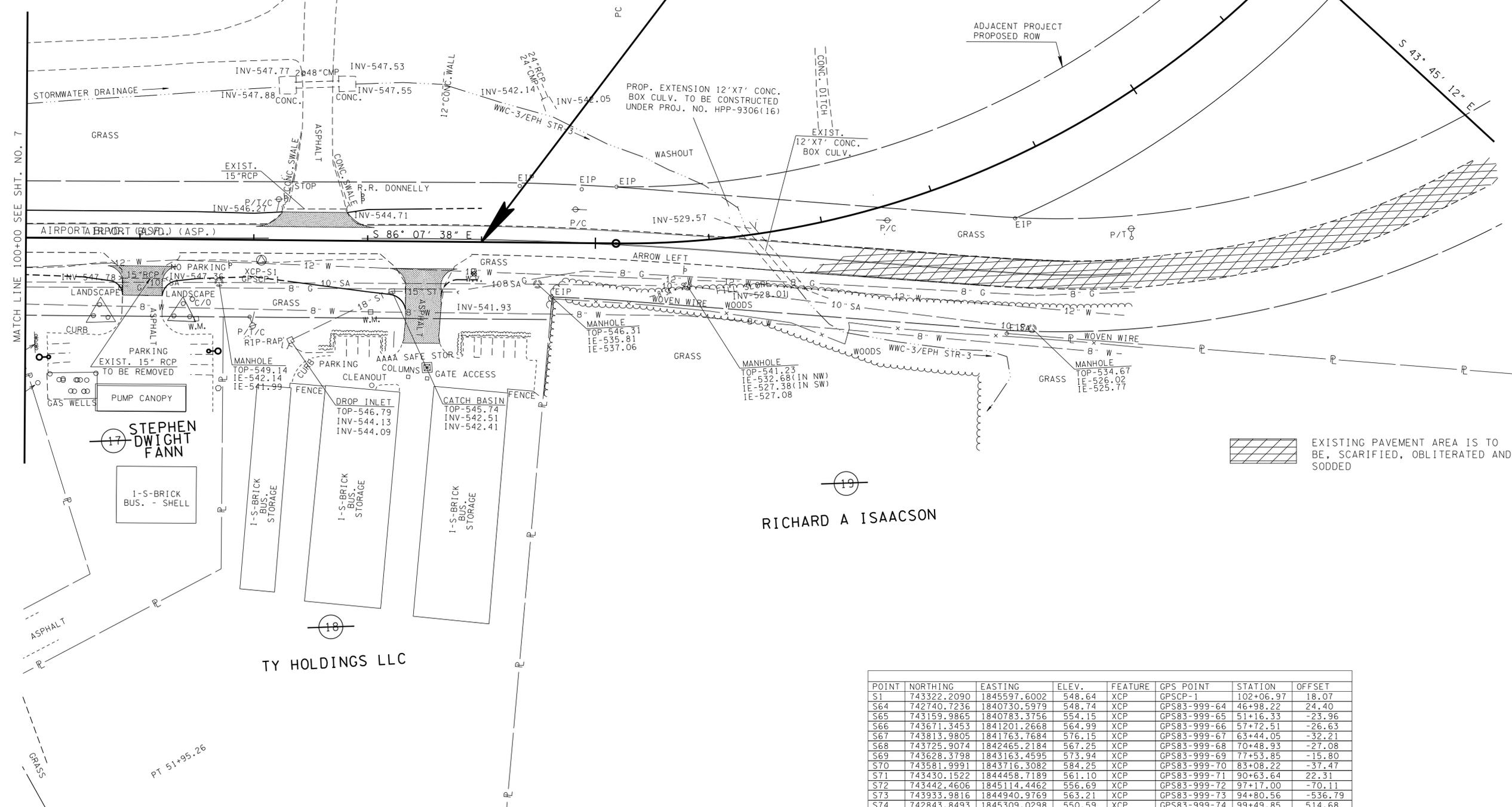
105

110

R R DONNELLEY & SONS

TY HOLDINGS LLC

RICHARD A ISAACSON



EXISTING PAVEMENT AREA IS TO BE, SCARIFIED, OBLITERATED AND SODDED

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**PRESENT
 LAYOUT**

STA. 100+00 TO STA. 104+00

SCALE: 1" = 50'

POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPSCP-1	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

23-SEP-2016 11:31 \\J033WF01.tdot.state.tn.us\033Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co.SIA Serv\ing ABC\0119592-00-Construction\0008.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	8A
CONST.	2016	83950-3562-04	8A

END PROJECT NO. 83950-3562-04 (CONST.)
 PIN NO. 119592.00, STATION 104+00.00=
 PROJECT NO. HPP-9306(16) (ADJACENT PROJECT)
 PIN NO. 112818.00, STATION 104+00.00
 N 743327.0821
 E 1845791.4419



100

15
 R R DONNELLEY & SONS

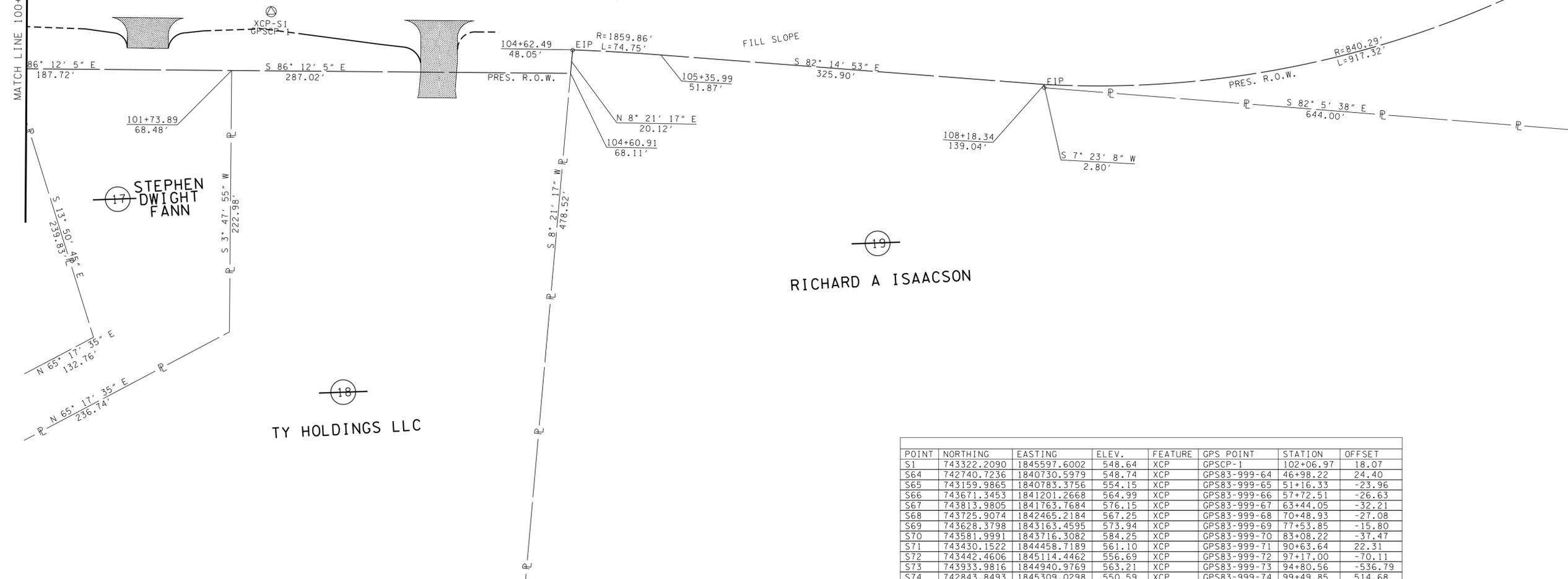
105

110

MATCH LINE 100+00 SEE SHT. NO. 7A

AIRPORT BLVD. (ASP.)

ADJACENT PROJECT PROPOSED ROW



UNOFFICIAL SET
NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD(83)(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

R.O.W. DETAILS

STA. 100+00 TO STA. 104+00

SCALE: 1" = 50'

POINT	NORTHING	EASTING	ELEV.	FEATURE	GPS POINT	STATION	OFFSET
S1	743322.2090	1845597.6002	548.64	XCP	GPSCP-1	102+06.97	18.07
S64	742740.7236	1840730.5979	548.74	XCP	GPS83-999-64	46+98.22	24.40
S65	743159.9865	1840783.3756	554.15	XCP	GPS83-999-65	51+16.33	-23.96
S66	743671.3453	1841201.2668	564.99	XCP	GPS83-999-66	57+72.51	-26.63
S67	743813.9805	1841763.7684	576.15	XCP	GPS83-999-67	63+44.05	-32.21
S68	743725.9074	1842465.2184	567.25	XCP	GPS83-999-68	70+48.93	-27.08
S69	743628.3798	1843163.4595	573.94	XCP	GPS83-999-69	77+53.85	-15.80
S70	743581.9991	1843716.3082	584.25	XCP	GPS83-999-70	83+08.22	-37.47
S71	743430.1522	1844458.7189	561.10	XCP	GPS83-999-71	90+63.64	22.31
S72	743442.4606	1845114.4462	556.69	XCP	GPS83-999-72	97+17.00	-70.11
S73	743933.9816	1844940.9769	563.21	XCP	GPS83-999-73	94+80.56	-536.79
S74	742843.8493	1845309.0298	550.59	XCP	GPS83-999-74	99+49.85	514.68

23-SEP-2016 11:31 \\J033WF01.tdot.state.tn.us\033Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co.SIA Servng ABC\0119592-00-Construction-0008A.sht

17
 STEPHEN DWIGHT FANN

19
 RICHARD A ISAACSON

18
 TY HOLDINGS LLC

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	8B
CONST.	2016	83950-3562-04	8B

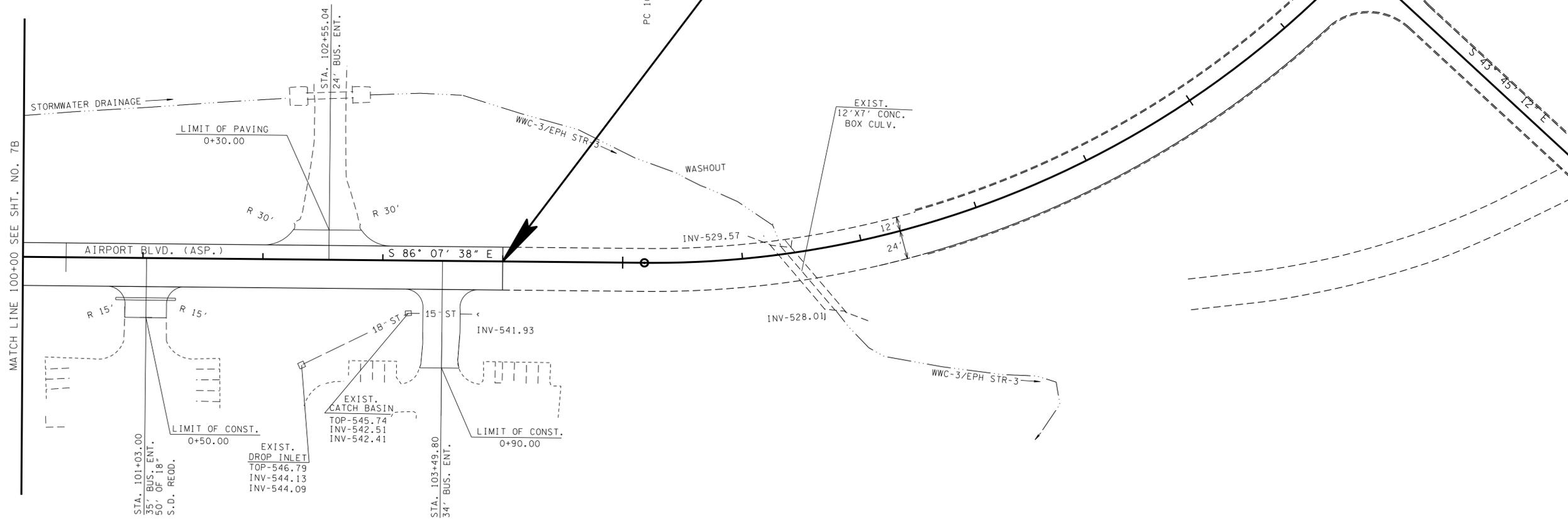
END PROJECT NO. 83950-3562-04 (CONST.)
 PIN NO. 119592.00, STATION 104+00.00=
 PROJECT NO. HPP-9306(16) (ADJACENT PROJECT)
 PIN NO. 112818.00, STATION 104+00.00
 N 743327.0821
 E 1845791.4419



100

105

110



MATCH LINE 100+00 SEE SHIT. NO. 7B

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**PROPOSED
LAYOUT**

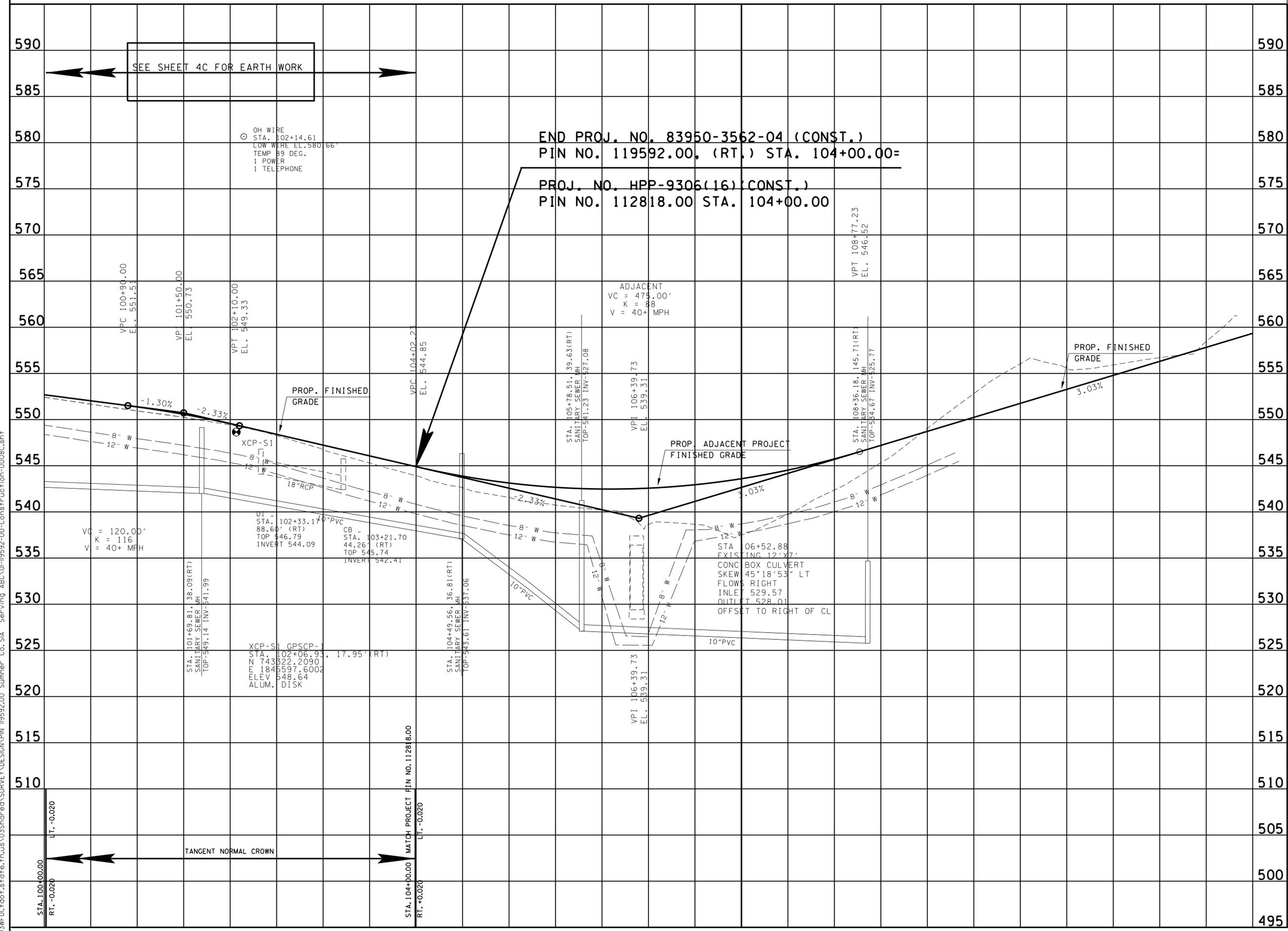
STA. 100+00 TO STA. 104+00

SCALE: 1" = 50'

23-SEP-2016 11:31 \\J03WF01.tdot.stote.rnus\03Shor.ed\SURVEY\DESIGN\PIN 119592.00 Summer Co.SIA Servng ABC\0119592-00-Construction-0008B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	8C
CONST.	2016	83950-3562-04	8C

23-SEP-2016 11:31 \\J033WF01.tdot.state.tn.us\03Shorad\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0008C.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

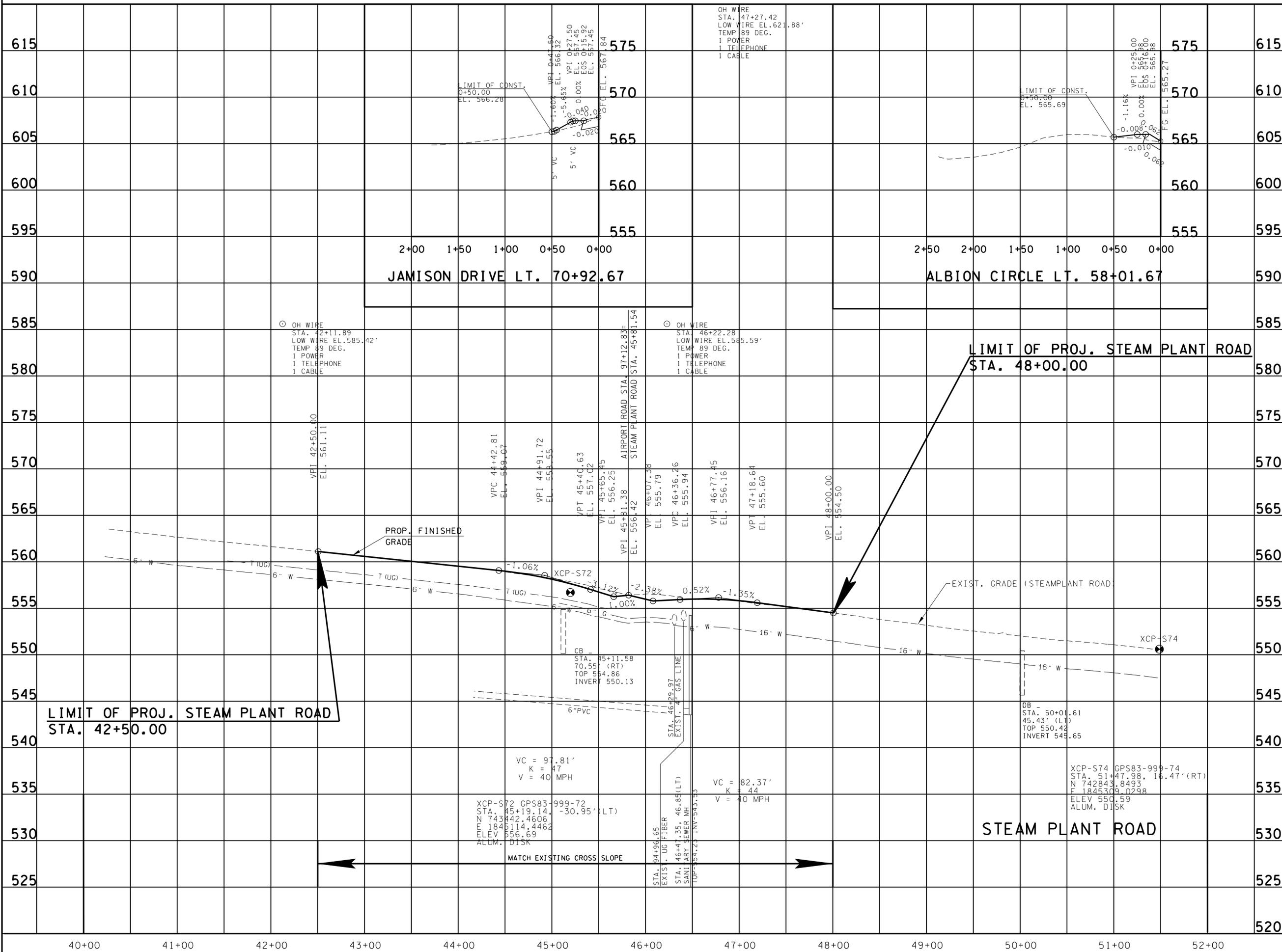
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 100+00 TO STA. 104+00
 SCALE: 1" = 50' HORIZ.
 1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	9
CONST.	2016	83950-3562-04	9

23-SEP-2016 11:31 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Serv'ing ABC\0119592-00-Construction-0009.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

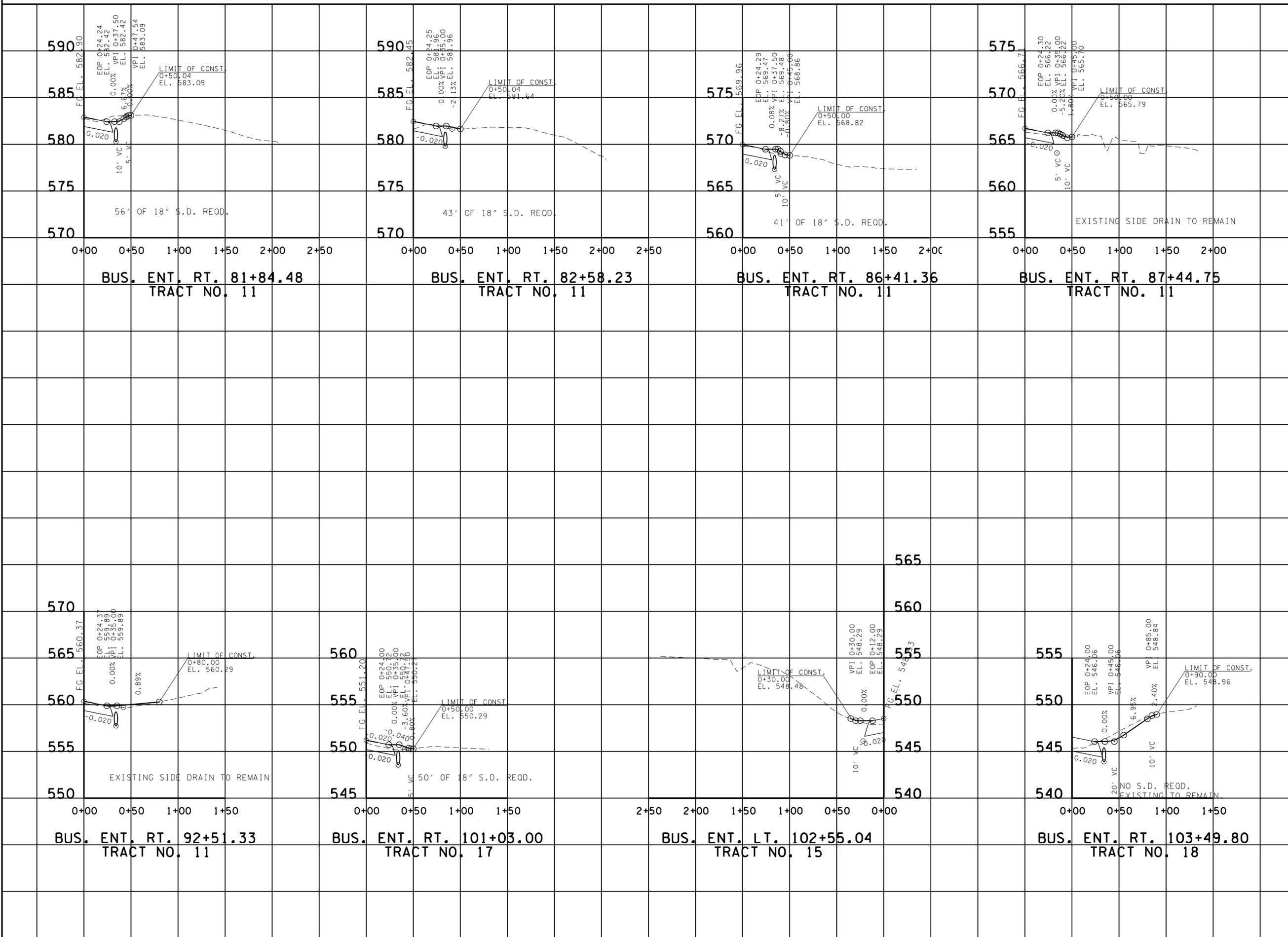
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**SIDE
ROADS
PROFILES**
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	10
CONST.	2016	83950-3562-04	10

23-SEP-2016 11:31 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0010.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**PRIVATE
DRIVE
PROFILES**
 SCALE: 1" = 50' HORIZ.
 1" = 5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	11
CONST.	2016	83950-3562-04	11

REV. 04-05-16: UPDATED BEGIN PROJECT FLAG.



DRAINAGE DATA FOR PIPE
 STATION 57+65.71
 DIRECTION OF FLOW RIGHT
 DRAINAGE AREA 34.2 AC FLAT
 PRESENT STRUCTURE: 36" RCP
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

DRAINAGE DATA FOR PIPE
 STATION 72+60.21
 DIRECTION OF FLOW RIGHT
 DRAINAGE AREA 69.4 AC FLAT
 PRESENT STRUCTURE: 36" RCP & (2) 24" RCP
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

DRAINAGE DATA FOR PIPE
 STATION 51+63.38
 DIRECTION OF FLOW RIGHT
 DRAINAGE AREA 3.60 AC FLAT
 PRESENT STRUCTURE: 24"x18" ELL
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

60
 ALBION CIRCLE STA. 20+00.00
 N 743911.3247
 E 1841159.8135

65
 70
 JAMISON ROAD STA. 32+63.24
 N 743935.5709
 E 1842535.4455

DRAINAGE DATA FOR PIPE
 STATION 47+07.98
 DIRECTION OF FLOW RIGHT
 DRAINAGE AREA 22.0 AC FLAT
 PRESENT STRUCTURE: 36"x24" ELL
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

50
 COLES FERRY ROAD STA. 10+00.00
 N 742805.3633
 E 1840469.6348

AIRPORT ROAD STA. 46+62.79=
 COLES FERRY ROAD STA. 12+48.02
 N 742711.3623
 E 1840699.1543

AIRPORT ROAD STA. 46+28.48
 N 742677.8552
 E 1840691.7865

COLES FERRY ROAD STA. 14+46.61
 N 742636.1528
 E 1840882.7911

BEGIN PROJ. NO. 83950-2562-04 R.O.W.
 STA. 49+20.96
 N 742963.5124
 E 1840754.6180

BEGIN PROJ. NO. 83950-3562-04 CONST.
 STA. 49+50.78
 N 742992.5990
 E 1840761.1654

MATCH LINE 80+00 SEE SHT. NO. 11A

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**DRAINAGE
 MAP**

STA. 49+20 TO STA. 80+00
 SCALE: 1"=200'

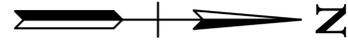
23-SEP-2016 11:31 \\J03WF01.tdot.storfe.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servng ABC\0119592-00-Construction-001i.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	11A
CONST.	2016	83950-3562-04	11A

REV. 04-05-16: UPDATED END PROJECT FLAG.

MATCH LINE 80+00 SEE SHT. NO. 11

END PROJ. NO. 83950-2562-04 R.O.W.
 STA. 96+25.33
 N 743334.5683
 E 1845012.8822



DRAINAGE DATA FOR PIPE
 STATION 96+75.07
 DIRECTION OF FLOW RIGHT
 DRAINAGE AREA 40.5 AC FLAT
 PRESENT STRUCTURE: 36" RCP
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

RAILROAD STA. 50+00.00
 N 744038.0219
 E 1844833.7955

STEAM PLANT ROAD STA. 40+00.00
 N 743924.9039
 E 1844921.1004

END PROJECT NO. 83950-3562-04 (CONST.)
 PIN NO. 119592.00, STATION 104+00.00=
 PROJECT NO. HPP-9306(16)(ADJACENT PROJECT)
 PIN NO. 112818.00, STATION 104+00.00
 N 743327.0821
 E 1845791.4419

DRAINAGE DATA FOR BOX
 STATION 106+52.88
 DIRECTION OF FLOW RIGHT
 DRAINAGE AREA 214.2 AC FLAT
 PRESENT STRUCTURE: 12'x7' BOX CULVERT
 EXISTING STRUCTURE CONDITION: GOOD
 REMARKS:

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**DRAINAGE
 MAP**

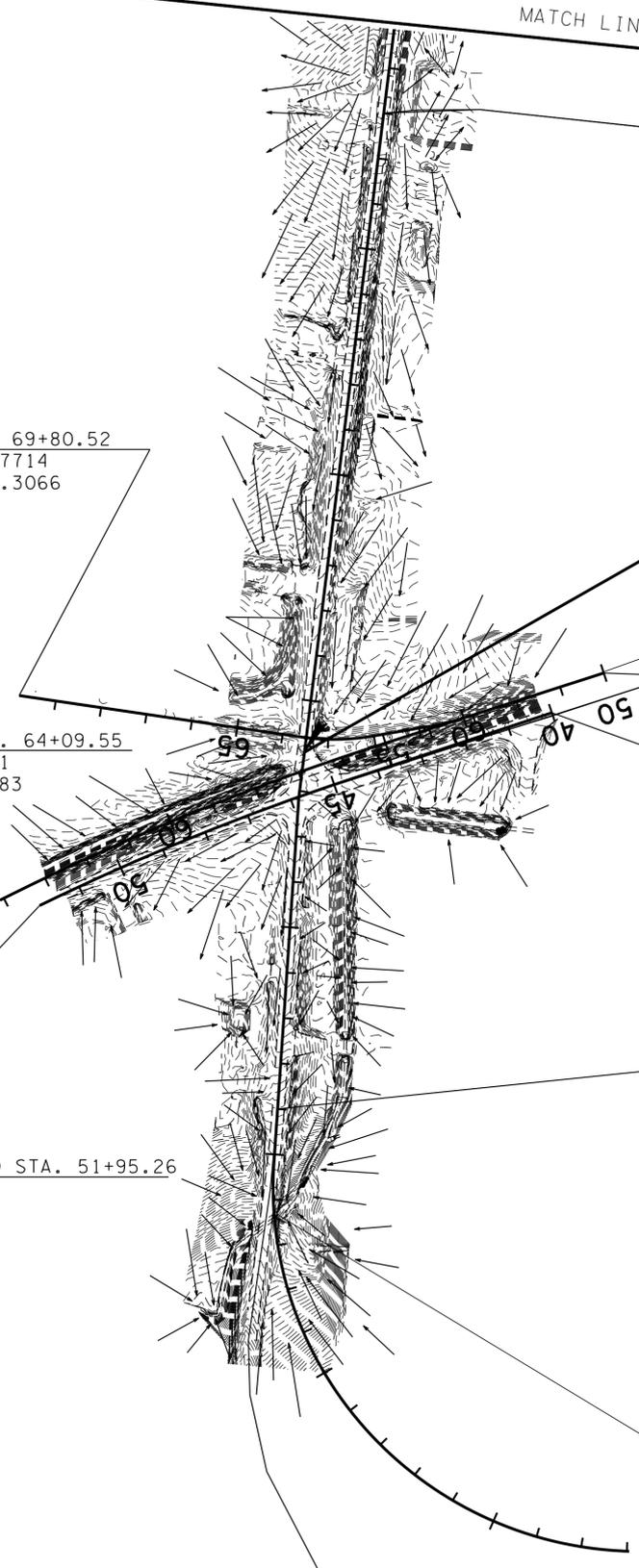
STA. 80+00 TO STA. 104+00
 SCALE: 1"=200'

23-SEP-2016 11:31 \\J03WF01.tdot.state.tn.us\03Shorbed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-001A.sht

SPUR STA. 69+80.52
 N 742763.7714
 E 1844883.3066

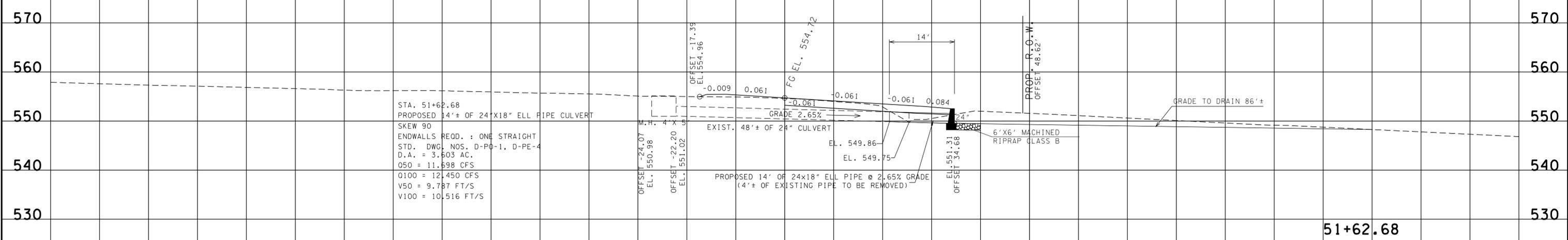
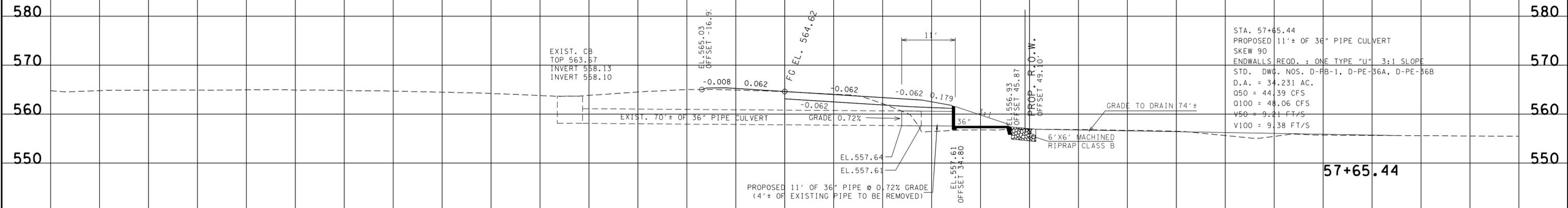
RAILROAD STA. 64+09.55
 N 742721.8321
 E 1845332.9083

STEAM PLANT ROAD STA. 51+95.26
 N 742808.4406
 E 1845344.5196



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	12
CONST.	2016	83950-3562-04	12

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE.



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**CULVERT
CROSS-SECTIONS**

SCALE: 1"=10' HORIZ.
1"=10' VERT.

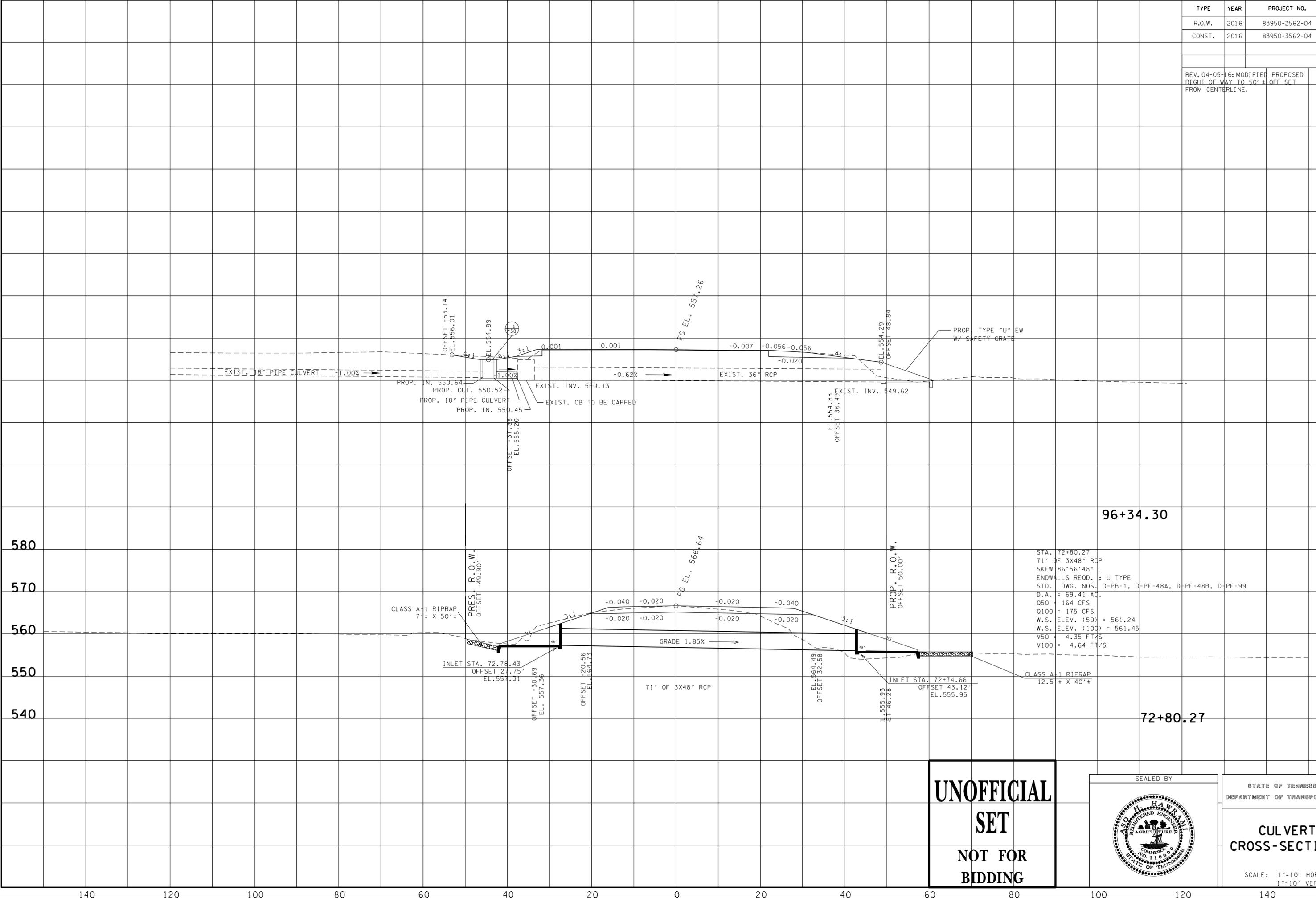
23-SEP-2016 11:31 \\J03WF01\dot.state.tn.us\3\Shared\SURVEY\DESIGN\PIN 119592.00 Summer Co.SIA ServVing ABC\01-119592-00-Construction-002.sht

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	12A
CONST.	2016	83950-3562-04	12A

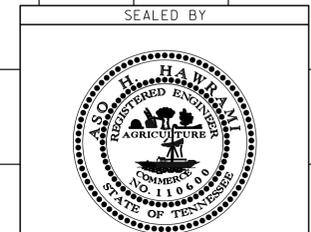
REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE.

23-SEP-2016 11:31 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_ServVing ABC\01-119592-00-Construction-002A.sht



STA. 72+80.27
 71' OF 3X48" RCP
 SKEW 86°56'48" L
 ENDWALLS REOD. : U TYPE
 STD. DWG. NOS. D-PB-1, D-PE-48A, D-PE-48B, D-PE-99
 D.A. = 69.41 AC.
 050 = 164 CFS
 0100 = 175 CFS
 W.S. ELEV. (50) = 561.24
 W.S. ELEV. (100) = 561.45
 V50 = 4.35 FT/S
 V100 = 4.64 FT/S

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**



STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**CULVERT
 CROSS-SECTIONS**

SCALE: 1"=10' HORIZ.
 1"=10' VERT.

EPSC NOTES

STREAMS, WETLANDS & BUFFER ZONES

- (1) ANY WORK WITHIN THE STREAM CHANNEL AREA (E.G., PIER FOOTING, RIP-RAP PLACEMENT, CULVERT/BRIDGE CONSTRUCTION, ETC.) SHALL BE SEPARATED FROM FLOWING WATER OR EXPECTED FLOW PATH AND PERFORMED DURING LOW FLOW CONDITIONS. ALL ITEMS USED WITHIN THE STREAM CHANNEL AREA FOR DIVERSION OF FLOW (OR EXPECTED FLOW), UNLESS SPECIFIED IN THE PLANS, SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE COST OF OTHER ITEMS. THIS NOTE EXCLUDES ANY ITEMS SPECIFIED IN THE PLANS FOR THE TEMPORARY DIVERSION CHANNELS (EC-STR-31) AND TEMPORARY DIVERSION CULVERTS (EC STR-32) FOR SINGLE BARREL CULVERT CONSTRUCTION.

ENVIRONMENTAL

- (1) THIS PROJECT (PIN 119592.00) IS COVERED BY THE 2015 RANGE-WIDE PROGRAMMATIC INFORMAL CONSULTATION BETWEEN THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) AND THE U.S. FISH AND WILDLIFE SERVICE (USFWS). TO RECEIVE A DETERMINATION OF "NOT LIKELY TO ADVERSELY AFFECT," FOR INDIANA BATS AND NORTHERN LONG-EARED BATS, TDOT HAS A COMMITMENT TO CLEAR TREES ON THIS PROJECT BETWEEN OCTOBER 15 AND MARCH 31.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	13
CONST.	2016	83950-3562-04	13

EROSION PREVENTION AND SEDIMENT CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
(1)(2)	203-01 ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	14.3
(2)	209-05 SEDIMENT REMOVAL	C.Y.	92
(2)	209-08.02 TEMPORARY SILT FENCE (WITH BACKING)	L.F.	1800
(2)	209-08.03 TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	3520
(2)	209-08.08 ENHANCED ROCK CHECK DAM	EACH	22
(2)	209-09.40 CURB INLET PROTECTION (TYPE 1)	EACH	2
(2)	209-40.30 CATCH BASIN PROTECTION (TYPE A)	EACH	1
(1)(2)	621-03.02 18" TEMPORARY DRAINAGE PIPE	L.F.	28
(2)	707-08.11 HIGH-VISIBILITY CONSTRUCTION FENCE	L.F.	520
(1)(2)	709-05.05 MACHINED RIP-RAP (CLASS A-3)	TON	100
(1)(2)	740-10.03 GEOTEXTILE (TYPE III) (EROSION CONTROL)	S.Y.	172
(2)	740-11.04 TEMPORARY SEDIMENT TUBE 20IN	L.F.	1750
(3)	801-01 SEEDING (WITH MULCH)	UNIT	250
(2)	801-01.07 TEMPORARY SEEDING (WITH MULCH)	UNIT	157
(2)	801-03 WATER (SEEDING & SODDING)	M.G.	122
(4)	801-02.08 TEMPORARY SEEDING (WITHOUT MULCH)	UNIT	290
(5)	803-01 SODDING (NEW SOD)	S.Y.	7800
(4)	805-12.01 EROSION CONTROL BLANKET (TYPE I)	S.Y.	330

FOOTNOTES

- (1) TO BE USED FOR TEMPORARY CONSTRUCTION EXITS.
 (2) SEE SUBSECTION 209.07 OF THE STD. SPEC'S. FOR MAINTENANCE REPLACEMENT.
 (3) FOR USE IN SCARIFIED AREAS.
 (4) TO BE USED ON ALL SLOPES ADJACENT TO AND ABOVE STREAMS
 (5) TO BE USED ON ALL FINAL SLOPES

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
(A)	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
(A)	*SFB* SFB* SFB* SILT FENCE WITH WIRE BACKING	EC-STR-3C
(B) (A)	EROSION CONTROL BLANKET	EC-STR-34
(A)	** TUBE ** TUBE ** SEDIMENT TUBE	EC-STR-37
(A)	* HVF * HVF HIGH VISIBILITY FENCE	S-F-1
	CURB INLET PROTECTION (TYPE 1)	EC-STR-39
(A)	* SF * SF * SF * SILT FENCE	EC-STR-3B
(A)	CATCH BASIN PROTECTION (TYPE A)	EC-STR-19

(A) TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.

(B) TO BE USED ON SLOPES ADJACENT TO AND ABOVE STREAMS

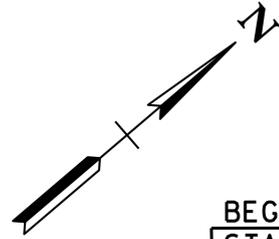
**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN
NOTES**

NOTE: EXISTING CONTOURS ARE SHOWN



STAGE 1

CLEARING AND GRUBBING AS NEEDED.

OUTFALL	DRAINAGE AREA	SLOPE
1	0.39 AC	1.82%
2	0.14 AC	1.74%
3	0.54 AC	2.51%
4	1.33 AC	1.11%
5	0.73 AC	1.26%
6	1.08 AC	2.68%

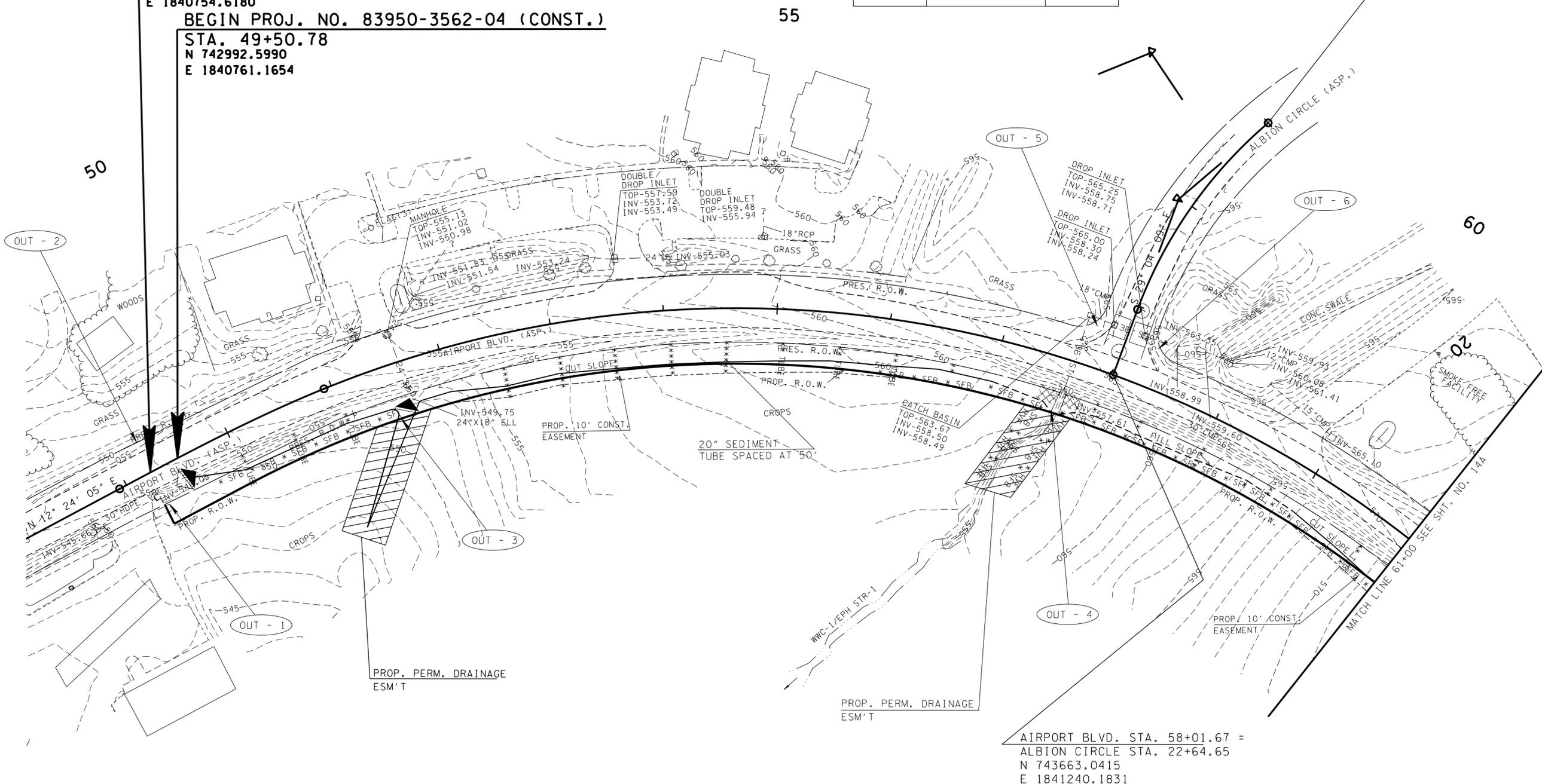
ALBION CIRCLE STA. 20+00.00
 N 743911.3247
 E 1841159.8135

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	14
CONST.	2016	83950-3562-04	14

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED ALL PROPOSED EASEMENTS, UPDATED BEGIN PROJECT FLAG AND NORTHING & EASTING COORDINATES.

BEGIN PROJ. NO. 83950-2562-04 (R.O.W.)
 STA. 49+20.96
 N 742963.5124
 E 1840754.6180

BEGIN PROJ. NO. 83950-3562-04 (CONST.)
 STA. 49+50.78
 N 742992.5990
 E 1840761.1654



**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**EPSC PLAN
 STAGE 1**

STA. 49+20 TO STA. 61+00
 SCALE: 1" = 50'

- EPSC NOTES:**
- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
 - ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOUR.

23-SEP-2016 11:32 \\J033\F01.tdot.storfe.tn.us\033\Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0014.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	14A
CONST.	2016	83950-3562-04	14A

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE. UPDATED ALL PROPOSED EASEMENTS.

STAGE I

CLEARING AND GRUBBING AS NEEDED.

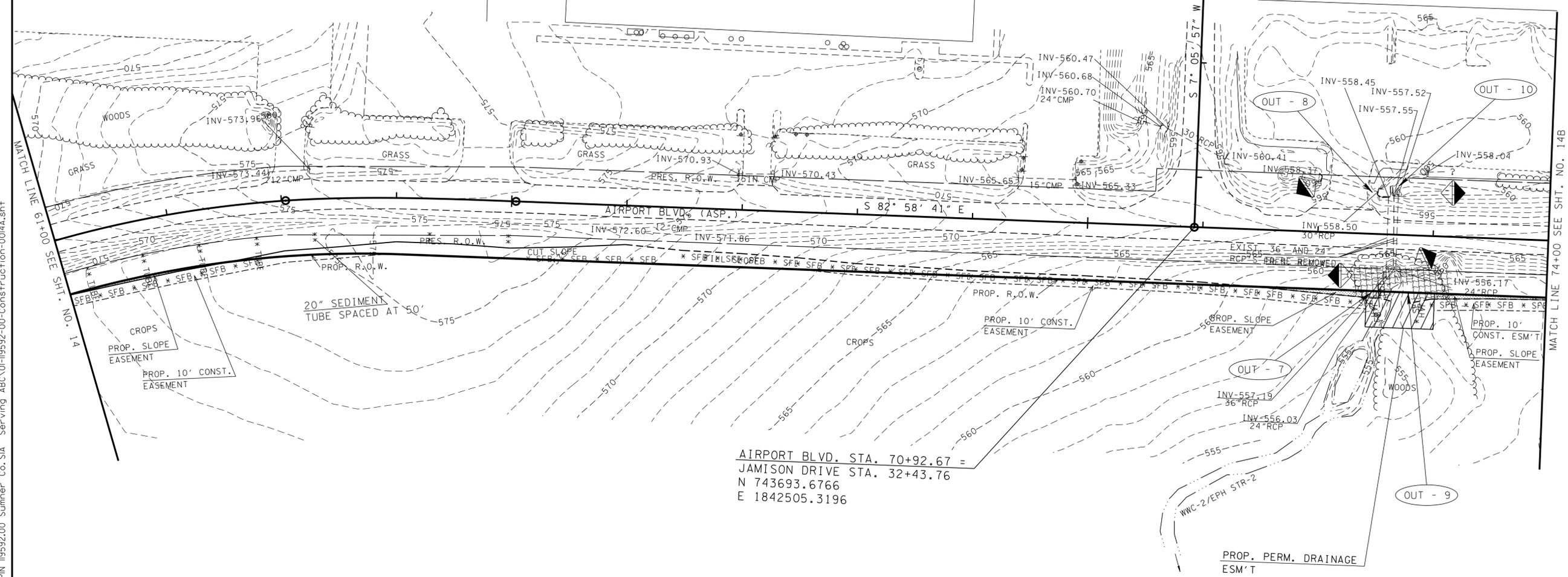
OUTFALL	DRAINAGE AREA	SLOPE
7	0.93 AC	1.12%
8	0.90 AC	1.34%
9	0.66 AC	1.81%
10	0.90 AC	1.97%



NOTE: EXISTING CONTOURS ARE SHOWN

JAMISON DRIVE STA. 30+00.00
 N 743935.5709
 E 1842535.4455

AIRPORT BLVD. STA. 70+92.67 =
 JAMISON DRIVE STA. 32+43.76
 N 743693.6766
 E 1842505.3196



23-SEP-2016 11:32 \\J033\F01.tdot.stor.te.tn.us\033Shor.ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servicing ABC\0119592-00-Construct\0044.sht

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**EPSC PLAN
STAGE 1**

STA. 61+00 TO STA. 74+00
 SCALE: 1" = 50'

- EPSC NOTES:**
- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
 - ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOURS.

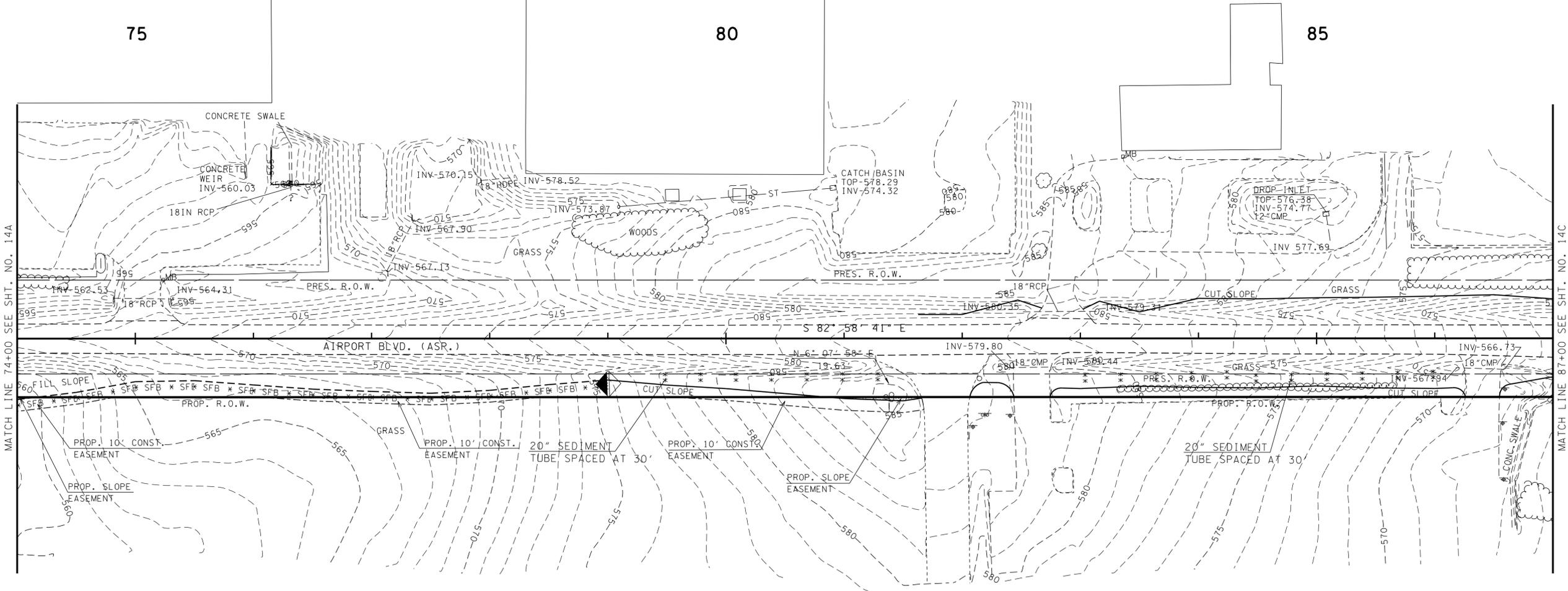
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	148
CONST.	2016	83950-3562-04	148

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED ALL PROPOSED EASEMENTS.

NOTE: EXISTING CONTOURS ARE SHOWN



STAGE 1
CLEARING AND GRUBBING AS NEEDED.



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

EPSC NOTES:

- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
- ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOURS.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**EPSC PLAN
STAGE 1**

STA. 74+00 TO STA. 87+00
SCALE: 1" = 50'

23-SEP-2016 11:32 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-004B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	14C
CONST.	2016	83950-3562-04	14C

REV. 04-05-16; MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED END OF PROJECT FLAG AND NORTHING & EASTING COORDINATES.

NOTE: EXISTING CONTOURS ARE SHOWN

STAGE 1
CLEARING AND GRUBBING AS NEEDED.

STEAM PLANT ROAD STA. 40+00.00
N 743924.9039
E 1844921.1004

SPUR STA. 60+00.00=
TVA RAILROAD STA. 53+20.81
N 743732.7113
E 1844932.3074

AIRPORT BLVD. STA. 96+56.04=
RAILROAD STA. 56+92.07
N 743379.7001
E 1845049.7453

AIRPORT BLVD. STA. 95+81.96=
SPUR STA. 63+47.98
N 743389.4952
E 1844975.9496

AIRPORT BLVD. STA. 97+12.83=
STEAM PLANT ROAD STA. 45+81.54
N 743372.7443
E 1845106.1136

END PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 96+25.33
N 743334.5683
E 1845012.8822

EPSC NOTES:

- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
- ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOURS.

OUTFALL	DRAINAGE AREA	SLOPE
11	1.7 AC	1.1%
12	2.2 AC	1.5%
20	0.4 AC	0.9%
21	0.8 AC	1.2%

UNOFFICIAL SET
NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLAN
STAGE 1

STA. 87+00 TO STA. 100+00
SCALE: 1" = 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	140
CONST.	2016	83950-3562-04	140

NOTE: EXISTING CONTOURS ARE SHOWN

STAGE 1

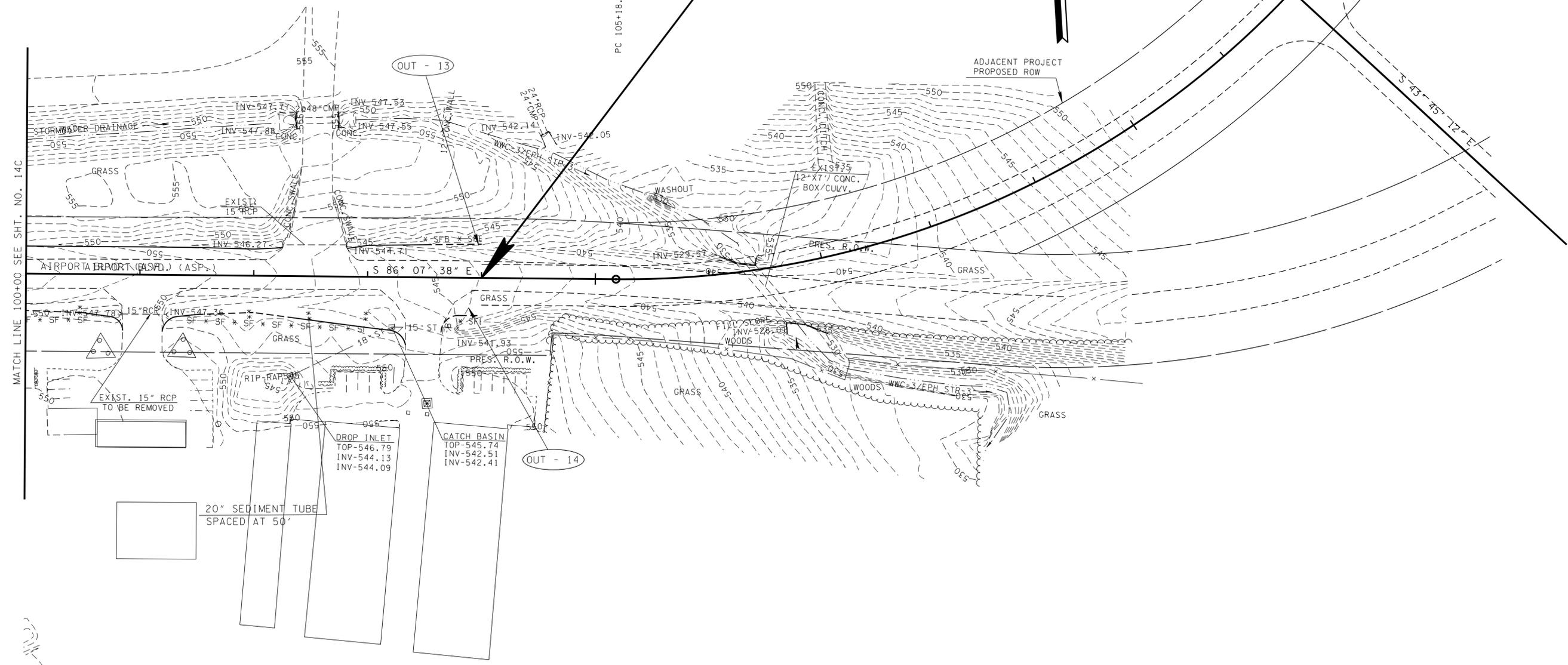
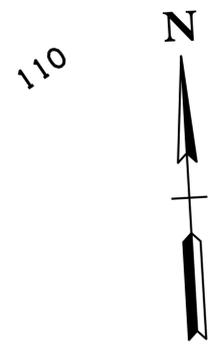
CLEARING AND GRUBBING AS NEEDED.

END PROJECT NO. 83950-3562-04 (CONST.)
 PIN NO. 119592.00, STATION 104+00.00=
 PROJECT NO. HPP-9306(16) (ADJACENT PROJECT)
 PIN NO. 112818.00, STATION 104+00.00
 N 743327.0821
 E 1845791.4419

OUTFALL	DRAINAGE AREA	SLOPE
13	0.61 AC	1.6%
14	0.58 AC	1.6%

100

105



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

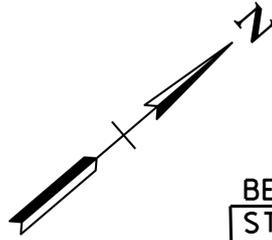
**EPSC PLAN
STAGE 1**

STA. 100+00 TO STA. 107+50
SCALE: 1" = 50'

- EPSC NOTES:**
- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
 - ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOUR.

23-SEP-2016 11:32 \\J033WF01.tdot.state.tn.us\033hor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-00140.d.sh

NOTE: PROPOSED CONTOURS ARE SHOWN



STAGE 2

CONSTRUCTING PROPOSED ROAD WIDENING, FILL SLOPES AND DITCHES.

OUTFALL	DRAINAGE AREA	SLOPE
1	0.39 AC	1.82%
2	0.14 AC	1.74%
3	0.54 AC	2.51%
4	1.33 AC	1.11%
5	0.73 AC	1.26%
6	1.08 AC	2.68%

ALBION CIRCLE STA. 20+00.00
N 743911.3247
E 1841159.8135

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	15
CONST.	2016	83950-3562-04	15

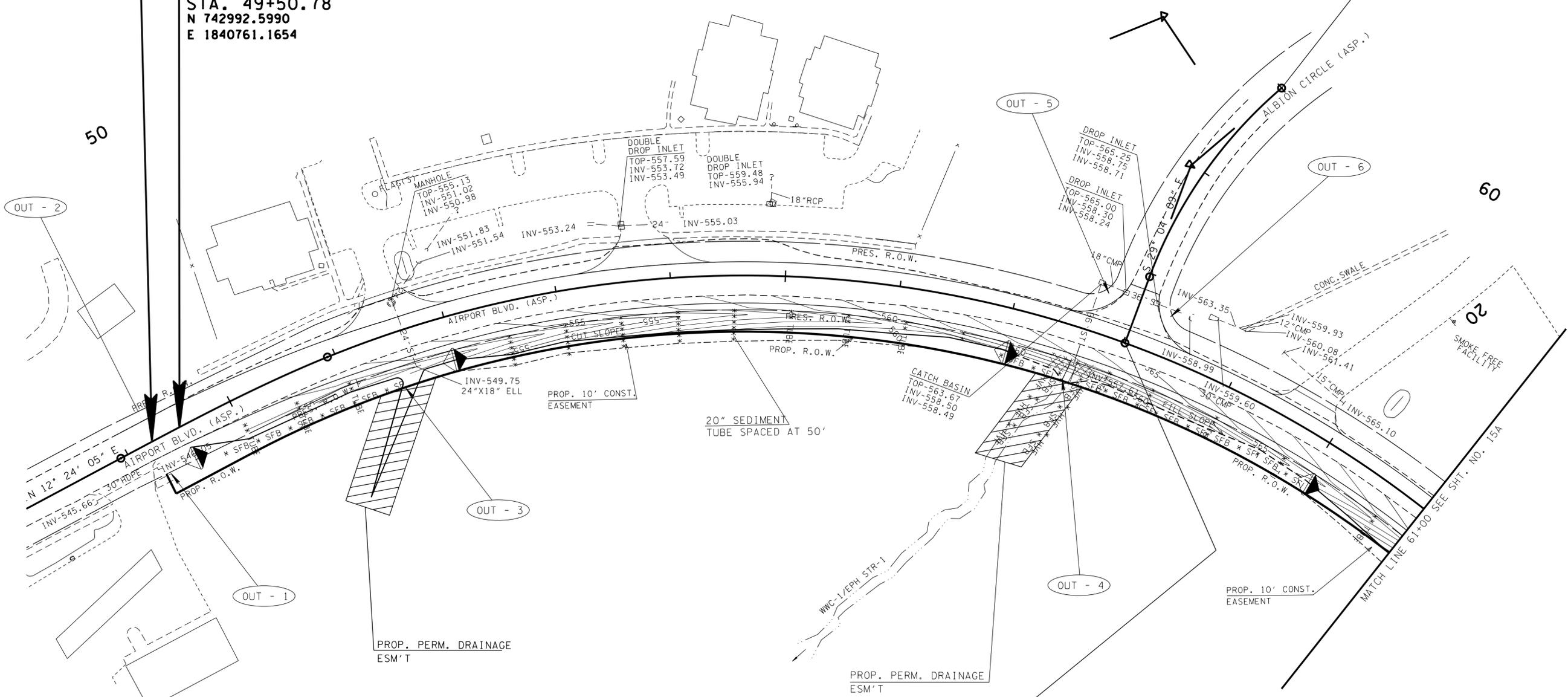
REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED ALL PROPOSED EASEMENTS, UPDATED BEGIN PROJECT FLAG AND NORTHING & EASTING COORDINATES.

BEGIN PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 49+20.96

N 742963.5124
E 1840754.6180

BEGIN PROJ. NO. 83950-3562-04 (CONST.)

STA. 49+50.78
N 742992.5990
E 1840761.1654



- EPSC NOTES:**
- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
 - ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOURS.
 - ③ EPSC MEASURES FROM PREVIOUS STAGE ARE TO REMAIN IN PLACE UNTIL NO LONGER NEEDED.

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**EPSC PLAN
STAGE 2**

STA. 49+20 TO STA. 61+00
SCALE: 1" = 50'

23-SEP-2016 11:32 \\J033WF01.tdot.storfe.tn.us\033Shorfe\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction\0015.sht

STAGE 2

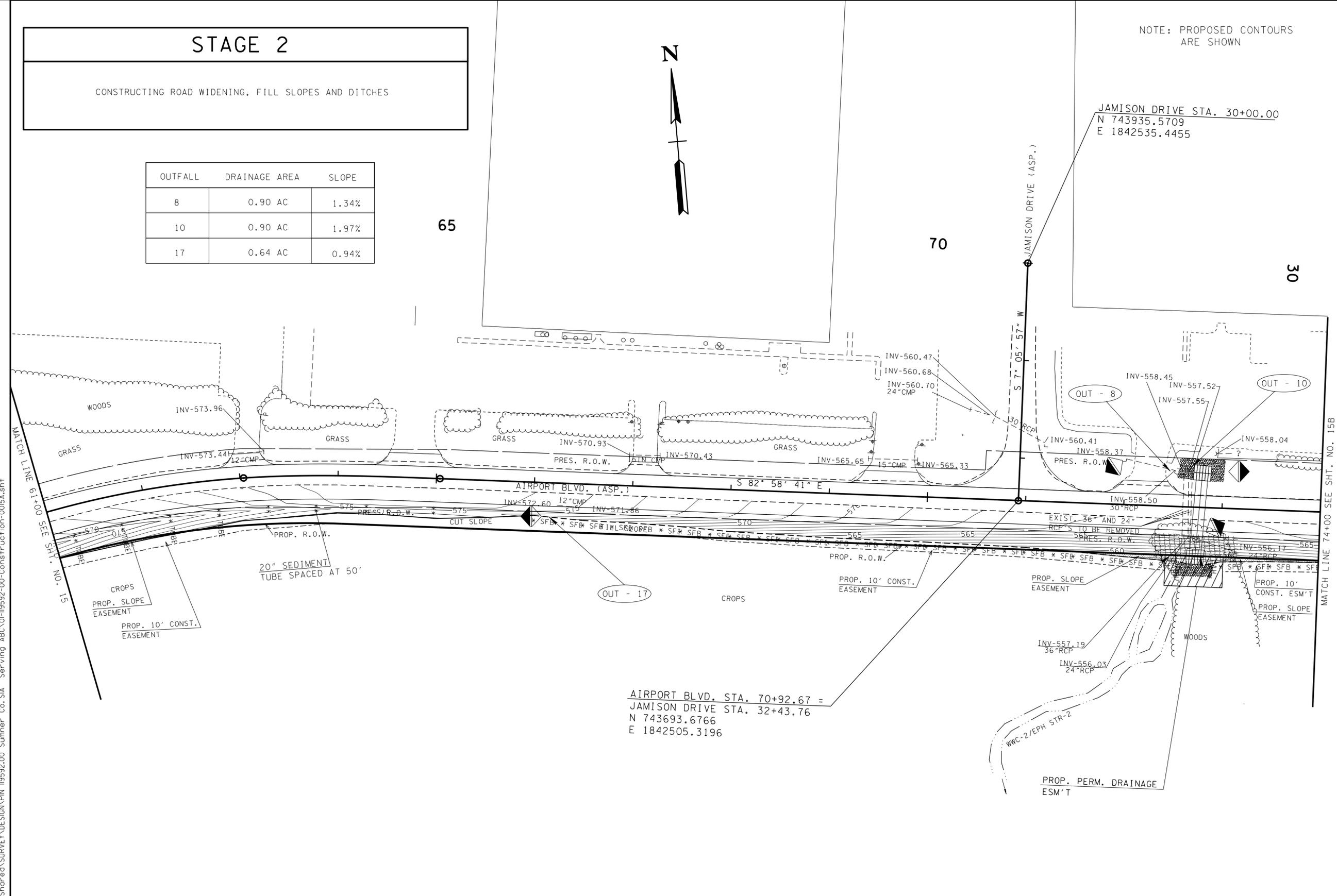
CONSTRUCTING ROAD WIDENING, FILL SLOPES AND DITCHES

OUTFALL	DRAINAGE AREA	SLOPE
8	0.90 AC	1.34%
10	0.90 AC	1.97%
17	0.64 AC	0.94%

NOTE: PROPOSED CONTOURS ARE SHOWN

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	15A
CONST.	2016	83950-3562-04	15A

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE. UPDATED ALL PROPOSED EASEMENTS.



AIRPORT BLVD. STA. 70+92.67 =
 JAMISON DRIVE STA. 32+43.76
 N 743693.6766
 E 1842505.3196

EPSC NOTES:

- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
- ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOURS.

UNOFFICIAL SET
NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

EPSC PLAN
STAGE 2

STA. 61+00 TO STA. 74+00
 SCALE: 1" = 50'

23-SEP-2016 11:32 \\J033WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0015A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	158
CONST.	2016	83950-3562-04	158

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED ALL PROPOSED EASEMENTS.

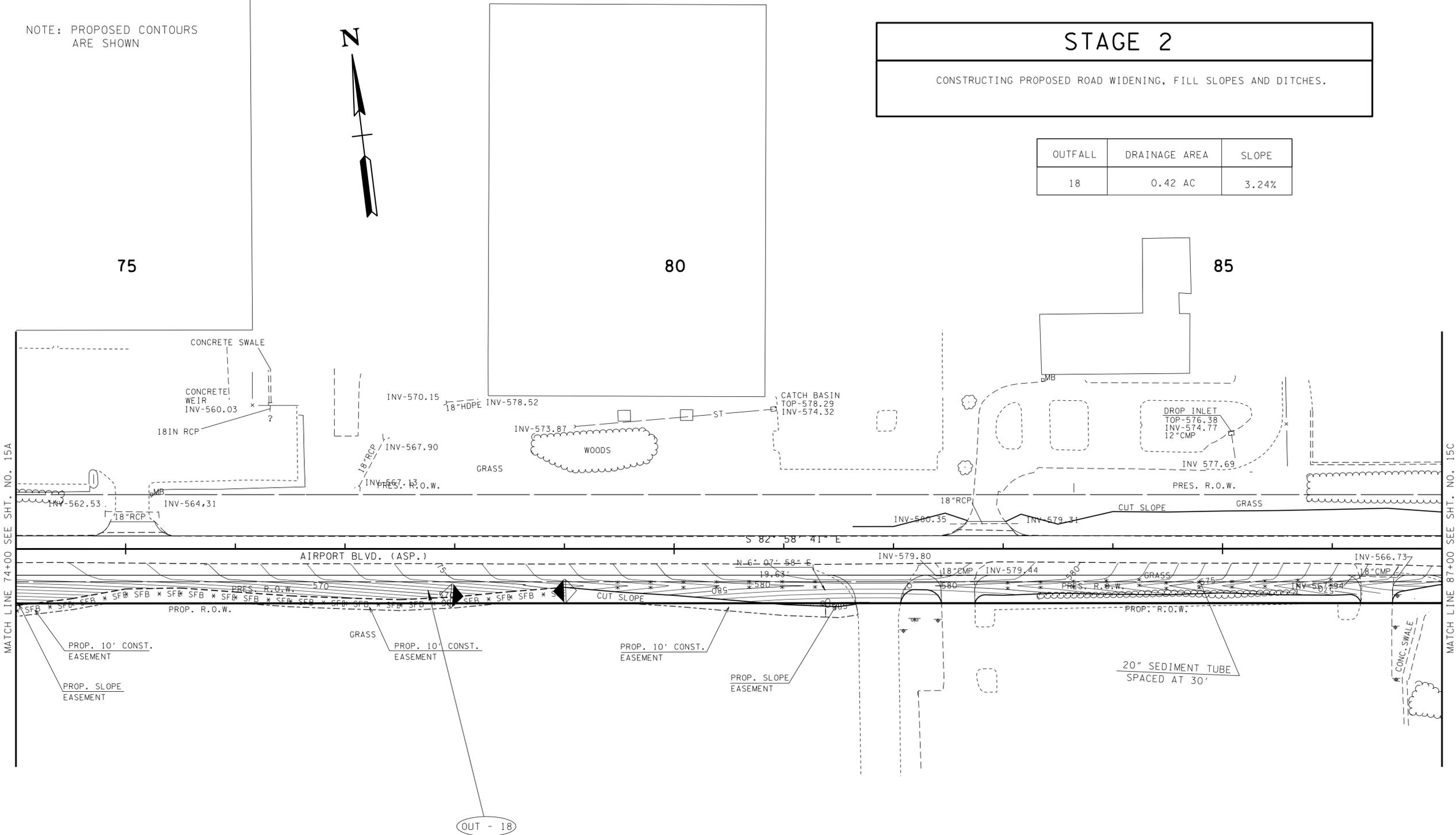
NOTE: PROPOSED CONTOURS ARE SHOWN



STAGE 2

CONSTRUCTING PROPOSED ROAD WIDENING, FILL SLOPES AND DITCHES.

OUTFALL	DRAINAGE AREA	SLOPE
18	0.42 AC	3.24%



MATCH LINE 74+00 SEE SHT. NO. 15A

MATCH LINE 87+00 SEE SHT. NO. 15C

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**EPSC PLAN
STAGE 2**

STA. 74+00 TO STA. 87+00
SCALE: 1" = 50'

EPSC NOTES:

- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
- ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOUR.

23-SEP-2016 11:33 \\J03WF01.tdot.state.tn.us\03Shored\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0015B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	15C
CONST.	2016	83950-3562-04	15C

REV. 04-05-16; MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED END OF PROJECT FLAG AND NORTHING & EASTING COORDINATES.

**UNOFFICIAL SET
NOT FOR BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

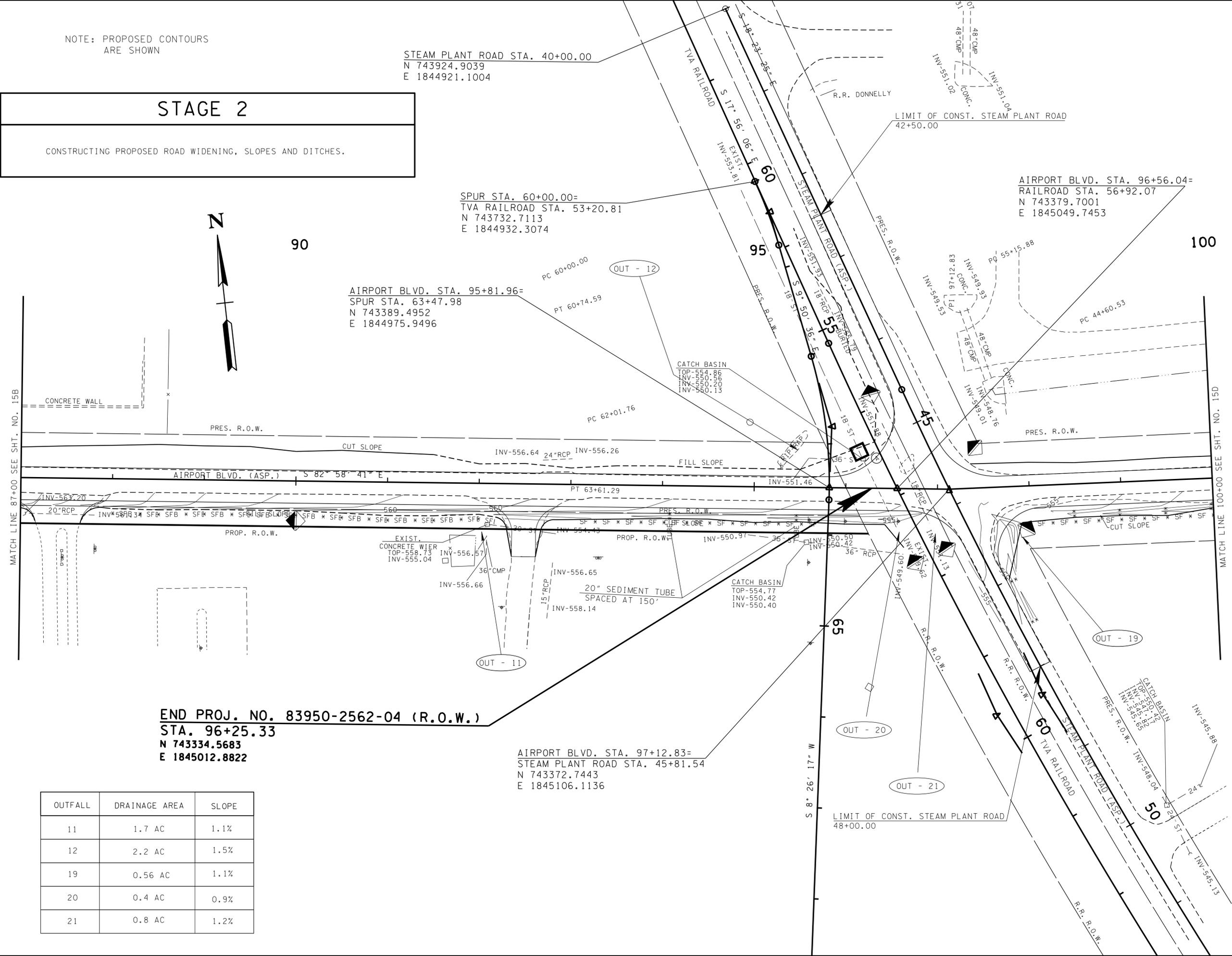
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**EPSC PLAN
STAGE 2**

STA. 87+00 TO STA. 100+00
SCALE: 1" = 50'

NOTE: PROPOSED CONTOURS ARE SHOWN

STAGE 2
CONSTRUCTING PROPOSED ROAD WIDENING, SLOPES AND DITCHES.



**END PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 96+25.33
N 743334.5683
E 1845012.8822**

OUTFALL	DRAINAGE AREA	SLOPE
11	1.7 AC	1.1%
12	2.2 AC	1.5%
19	0.56 AC	1.1%
20	0.4 AC	0.9%
21	0.8 AC	1.2%

23-SEP-2016 11:33 \\J033WF01.tdot.srte.tn.us\033Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0015C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	150
CONST.	2016	83950-3562-04	150

NOTE: PROPOSED CONTOURS ARE SHOWN

STAGE 2

CONSTRUCTING PROPOSED ROAD WIDENING, FILL SLOPES AND DITCHES.

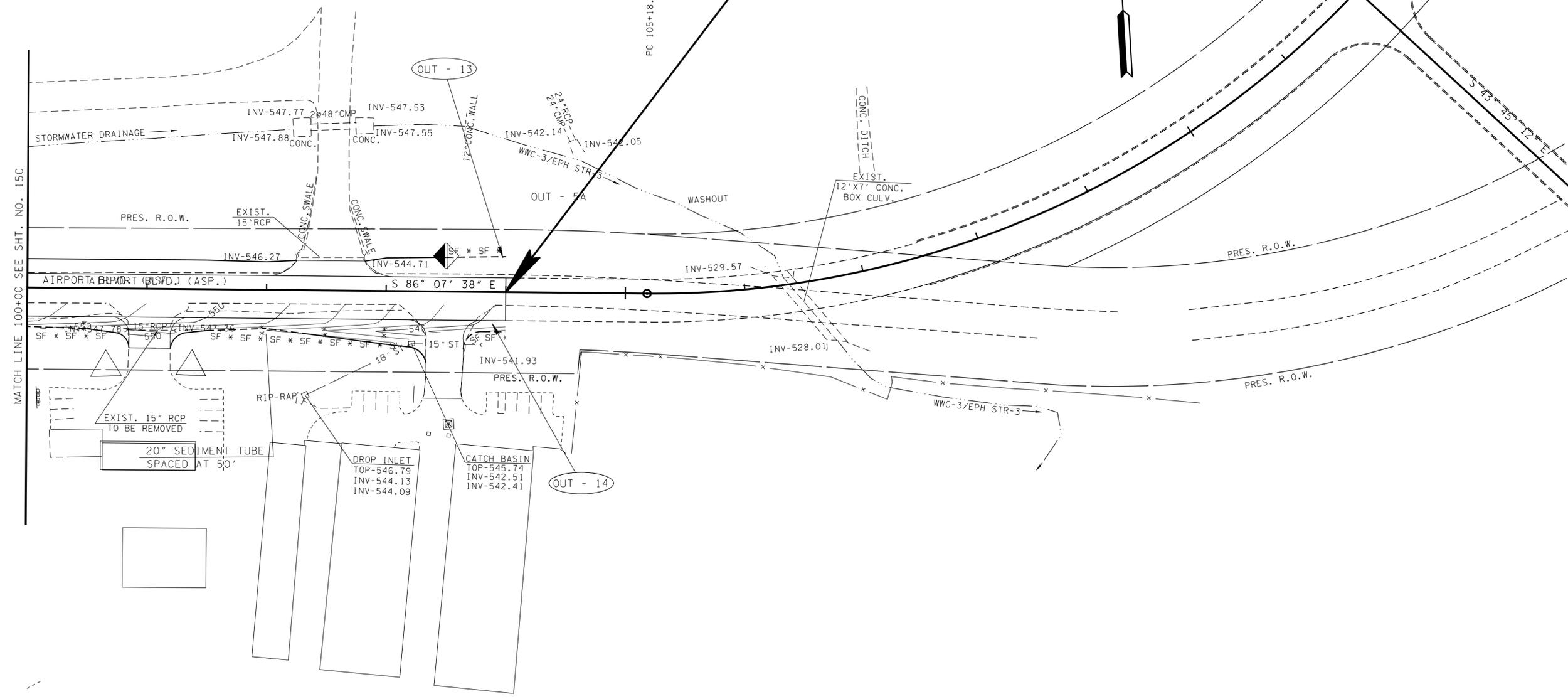
END PROJECT NO. 83950-3562-04 (CONST.)
 PIN NO. 119592.00, STATION 104+00.00=
 PROJECT NO. HPP-9306(16) (ADJACENT PROJECT)
 PIN NO. 112818.00, STATION 104+00.00
 N 743327.0821
 E 1845791.4419

OUTFALL	DRAINAGE AREA	SLOPE
13	0.61 AC	1.6%
14	0.58 AC	1.6%

30

105

110



UNOFFICIAL SET
NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

EPSC PLAN
STAGE 2

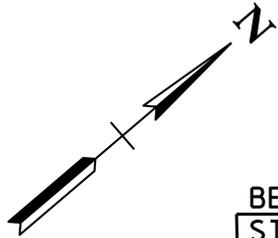
STA. 100+00 TO STA. 104+00
 SCALE: 1" = 50'

EPSC NOTES:

- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
- ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOUR.

23-SEP-2016 11:33
 \\J033WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Serv\ing ABC\0119592-00-Construction-00150.d.sh

NOTE: PROPOSED CONTOURS ARE SHOWN



STAGE 3

CONSTRUCTING PROPOSED ROAD WIDENING, FILL SLOPES AND DITCHES.

OUTFALL	DRAINAGE AREA	SLOPE
1	0.39 AC	1.82%
2	0.14 AC	1.74%
3	0.54 AC	2.51%
4	1.33 AC	1.11%
5	0.73 AC	1.26%
6	1.08 AC	2.68%

ALBION CIRCLE STA. 20+00.00
 N 743911.3247
 E 1841159.8135

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	16
CONST.	2016	83950-3562-04	16

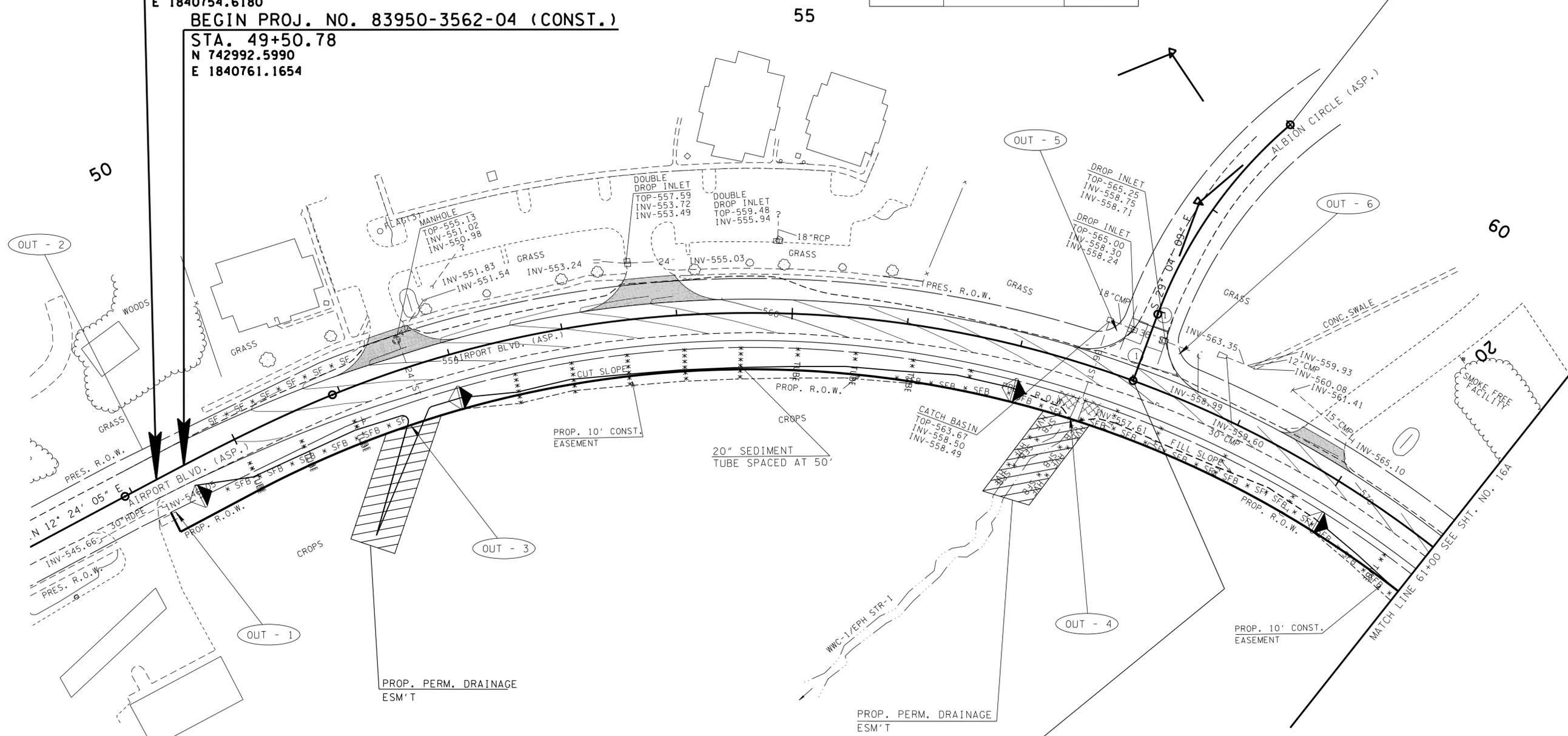
REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED ALL PROPOSED EASEMENTS, UPDATED BEGIN PROJECT FLAG AND NORTHING & EASTING COORDINATES.

BEGIN PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 49+20.96

N 742963.5124
E 1840754.6180

BEGIN PROJ. NO. 83950-3562-04 (CONST.)

STA. 49+50.78
N 742992.5990
E 1840761.1654



- EPSC NOTES:**
- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
 - ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOURS.
 - ③ EPSC MEASURES FROM PREVIOUS STAGE ARE TO REMAIN IN PLACE UNTIL NO LONGER NEEDED.

NOTE: FINAL SLOPES ARE TO BE SODDED

AIRPORT BLVD. STA. 58+01.67 =
 ALBION CIRCLE STA. 22+64.65
 N 743663.0415
 E 1841240.1831

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**EPSC PLAN
 STAGE 3**

STA. 49+20 TO STA. 61+00
 SCALE: 1" = 50'

23-SEP-2016 11:33 \\J033\F01\tdot.storfe.rn.us\033\Shorfe\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0016.sht

STAGE 3

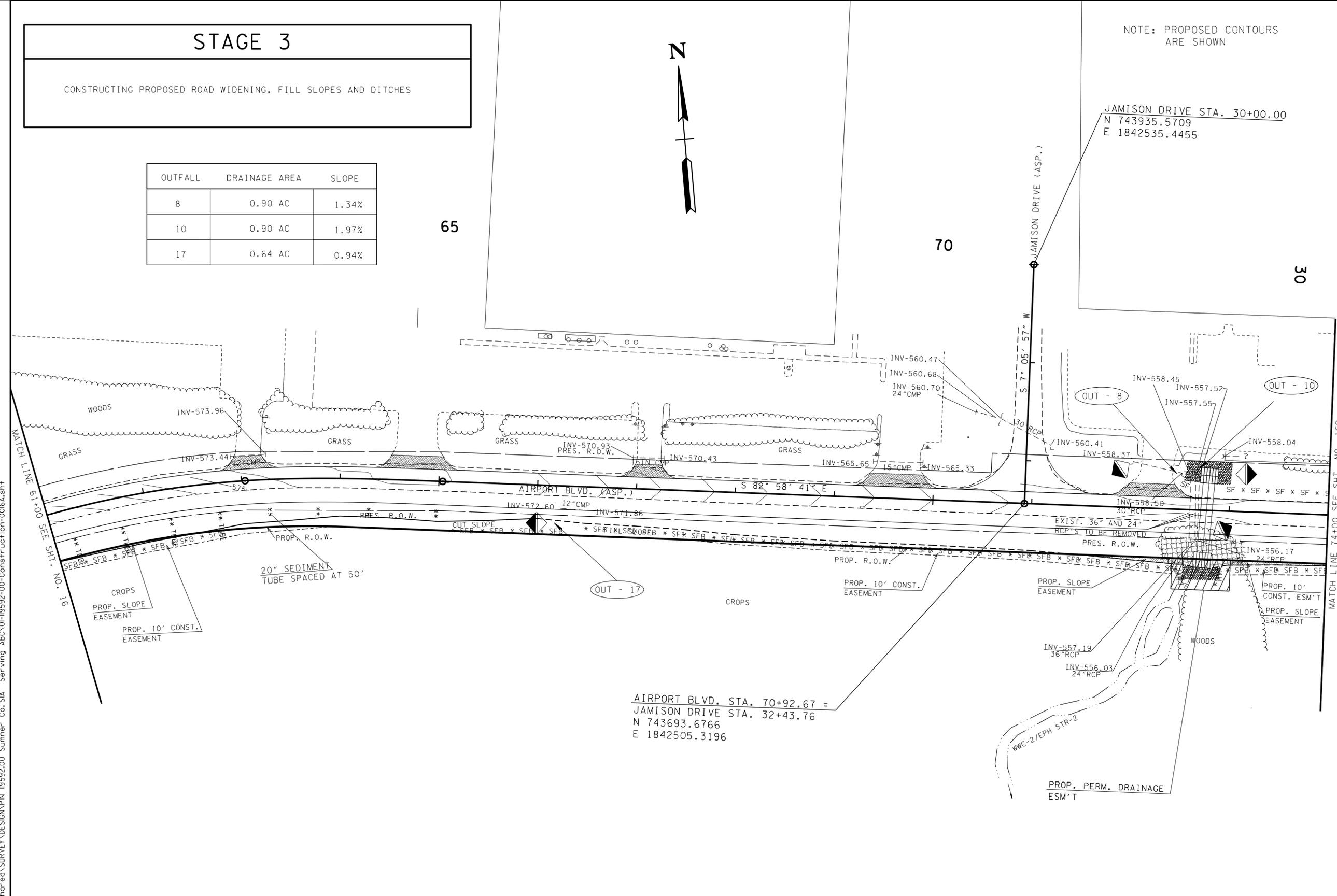
CONSTRUCTING PROPOSED ROAD WIDENING, FILL SLOPES AND DITCHES

OUTFALL	DRAINAGE AREA	SLOPE
8	0.90 AC	1.34%
10	0.90 AC	1.97%
17	0.64 AC	0.94%

NOTE: PROPOSED CONTOURS ARE SHOWN

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	16A
CONST.	2016	83950-3562-04	16A

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE. UPDATED ALL PROPOSED EASEMENTS.



AIRPORT BLVD. STA. 70+92.67 =
 JAMISON DRIVE STA. 32+43.76
 N 743693.6766
 E 1842505.3196

EPSC NOTES:

- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
- ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOURS.

UNOFFICIAL SET
NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

EPSC PLAN
STAGE 3

STA. 61+00 TO STA. 74+00
 SCALE: 1" = 50'

23-SEP-2016 11:33 \\J033\F01\dot.sta\te.tn.us\033\Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Serv'ing ABC\01\19592-00-Construction-0016A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	16B
CONST.	2016	83950-3562-04	16B

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE, UPDATED ALL PROPOSED EASEMENTS.

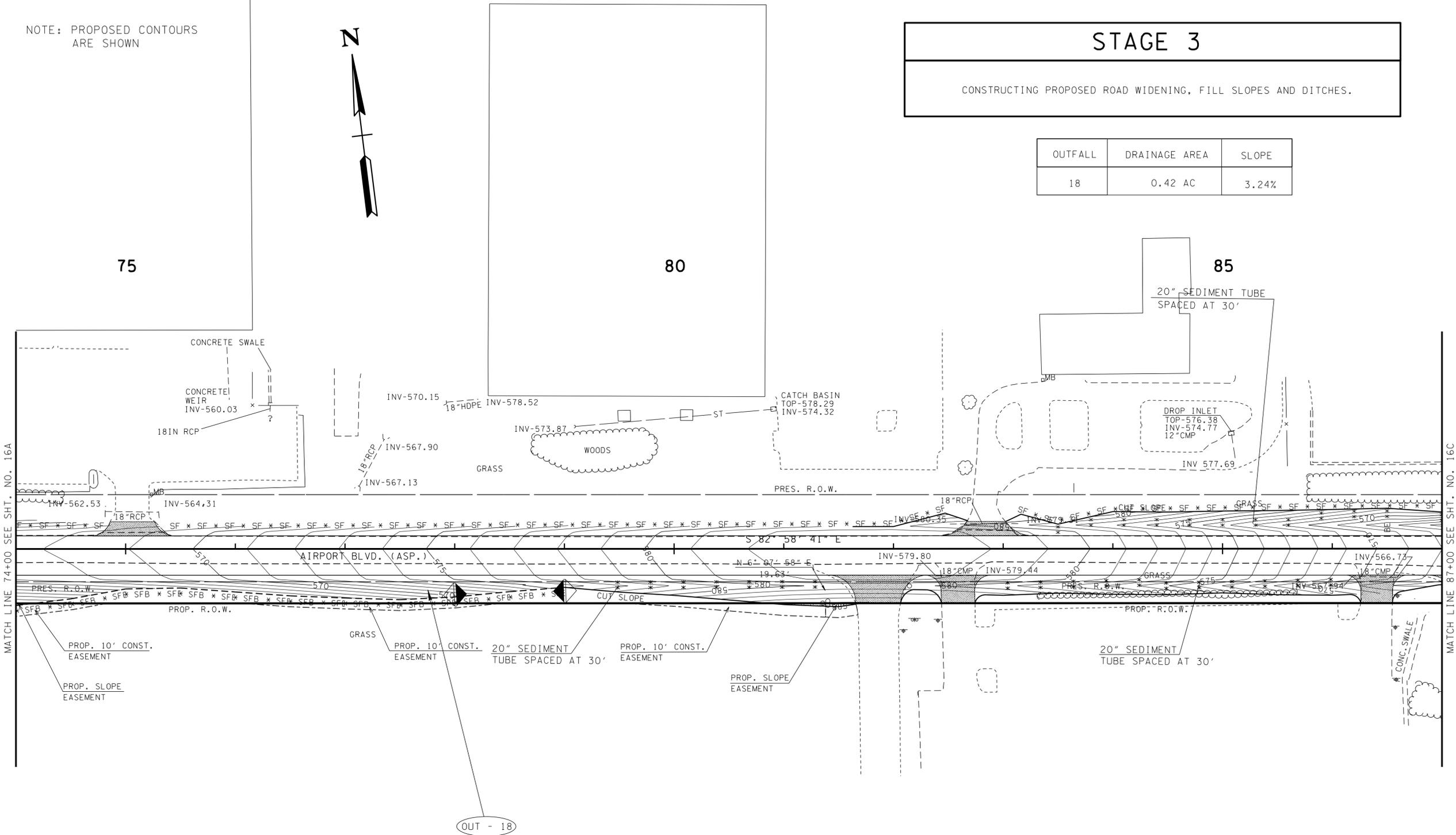
NOTE: PROPOSED CONTOURS ARE SHOWN



STAGE 3

CONSTRUCTING PROPOSED ROAD WIDENING, FILL SLOPES AND DITCHES.

OUTFALL	DRAINAGE AREA	SLOPE
18	0.42 AC	3.24%



UNOFFICIAL
SET
NOT FOR
BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLAN STAGE 3

STA. 74+00 TO STA. 87+00
SCALE: 1" = 50'

EPSC NOTES:

- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
- ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOUR.

23-SEP-2016 11:33 \\J03WF01.tdot.state.tn.us\03Shorad\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction\016B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	16C
CONST.	2016	83950-3562-04	16C

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFF-SET FROM CENTERLINE. UPDATED END PROJECT FLAG AND NORTHING & EASTING COORDINATES.

NOTE: PROPOSED CONTOURS ARE SHOWN

STAGE 3
CONSTRUCTING PROPOSED WIDENING, SLOPES AND DITCHES.



STEAM PLANT ROAD STA. 40+00.00
N 743924.9039
E 1844921.1004

SPUR STA. 60+00.00=
TVA RAILROAD STA. 53+20.81
N 743732.7113
E 1844932.3074

AIRPORT BLVD. STA. 96+56.04=
RAILROAD STA. 56+92.07
N 743379.7001
E 1845049.7453

AIRPORT BLVD. STA. 95+81.96=
SPUR STA. 63+47.98
N 743389.4952
E 1844975.9496

AIRPORT BLVD. STA. 97+12.83=
STEAM PLANT ROAD STA. 45+81.54
N 743372.7443
E 1845106.1136

END PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 96+25.33
N 743334.5683
E 1845012.8822

OUTFALL	DRAINAGE AREA	SLOPE
11	1.7 AC	1.1%
12	2.2 AC	1.5%
19	0.56 AC	1.1%
20	0.4 AC	0.9%
21	0.8 AC	1.2%

UNOFFICIAL SET
NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EPSC PLAN
STAGE 3

STA. 87+00 TO STA. 100+00
SCALE: 1" = 50'

23-SEP-2016 11:33 \\J033WF01.tdot.srte.tn.us\033Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction\016C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	160
CONST.	2016	83950-3562-04	160

NOTE: PROPOSED CONTOURS ARE SHOWN

STAGE 3

CONSTRUCTING PROPOSED ROAD WIDENING, FILL SLOPES AND DITCHES.

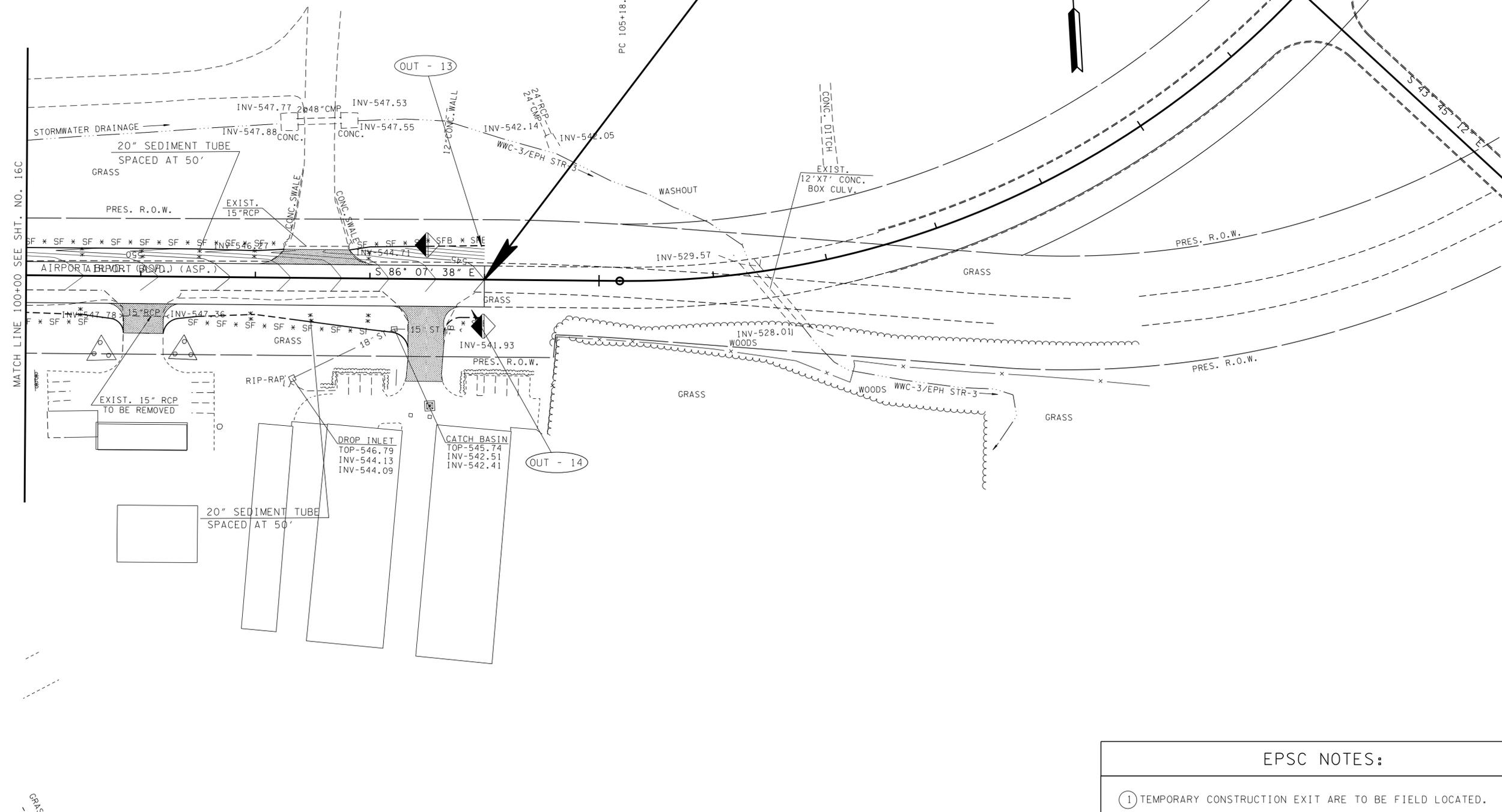
END PROJECT NO. 83950-3562-04 (CONST.)
 PIN NO. 119592.00, STATION 104+00.00=
 PROJECT NO. HPP-9306(16) (ADJACENT PROJECT)
 PIN NO. 112818.00, STATION 104+00.00
 N 743327.0821
 E 1845791.4419

OUTFALL	DRAINAGE AREA	SLOPE
13	0.61 AC	1.6%
14	0.58 AC	1.6%

100

105

110



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00003 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**EPSC PLAN
STAGE 3**

STA. 100+00 TO STA. 104+00
SCALE: 1" = 50'

- EPSC NOTES:**
- ① TEMPORARY CONSTRUCTION EXIT ARE TO BE FIELD LOCATED.
 - ② USE J-HOOKS FOR SILT FENCE INSTALLED ACROSS CONTOUR.

23-SEP-2016 11:33 \\J033\F01\tdot.stote.rtu.us\03Shor.ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Serv'ing ABC\0119592-00-Construction-00160.d.sh

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	17

PAVEMENT EDGE DROP-OFF TRAFFIC CONTROL NOTES

A. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES OR TRAFFIC LANE AND SHOULDER WHERE THE TRAFFIC LANE IS BEING USED BY TRAFFIC, CAUSED BY BASE, PAVING OR RESURFACING:

1. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 0.75 INCH AND NOT EXCEEDING 2 INCHES:
 - a. WARNING SIGNS, UNEVEN LANES (W8-11) AND/OR SHOULDER DROP-OFF WITH PLAQUE (W8-17 AND W8-17P), SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
 - b. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY ADDED PAVEMENT SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - c. DIFFERENCES IN ELEVATION BETWEEN ADJACENT TRAFFIC LANES BEING UTILIZED BY TRAFFIC CAUSED BY COLD PLANING SHALL BE ELIMINATED WITHIN THREE WORKDAYS.
 - d. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE TRAFFIC LANE BEING UTILIZED BY TRAFFIC AND SHOULDER THE DIFFERENCE IN ELEVATION SHALL BE ELIMINATED WITHIN SEVEN WORKDAYS AFTER THE CONDITION IS CREATED.
2. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES. TRAFFIC IS NOT TO BE ALLOWED TO TRAVERSE THIS DIFFERENCE IN ELEVATION.
 - a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
 - b. IF THE DIFFERENCE IN ELEVATION IS ELIMINATED OR DECREASED TO 2 INCHES OR LESS BY THE END OF EACH WORKDAY, CONES MAY BE USED DURING DAYLIGHT HOURS IN LIEU OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES MENTIONED IN PARAGRAPH a. PROVIDED WARNING SIGNS ARE ERECTED. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.
 - c. WHEN THE DIFFERENCE IN ELEVATION IS BETWEEN THE THROUGH TRAFFIC LANE AND THE SHOULDER AND THE ELEVATION DIFFERENCE IS LESS THAN 3.5 INCHES, THE CONTRACTOR MAY USE WARNING SIGNS AND/OR PROTECTIVE DEVICES AS APPLICABLE AND APPROVED BY THE ENGINEER. SEE PARAGRAPH a REGARDING USE OF DRUMS, BARRICADES OR OTHER APPROVED PROTECTIVE DEVICES. WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) WILL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 2 MILES IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

3. DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 6 INCHES BUT NOT EXCEEDING 18 INCHES, THE CONTRACTOR, WITH THE ENGINEER'S APPROVAL, MAY UTILIZE ONE OF THE FOLLOWING:

- a. THE CONTRACTOR SHALL ACCOMPLISH SEPARATION BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

IN ORDER TO USE THIS METHOD, THE CONTRACTOR MUST REDUCE THE DIFFERENCE IN ELEVATION TO 6 INCHES OR LESS BY THE END OF THE WORKDAY THAT THE CONDITION IS CREATED.

- b. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a. AND CONSTRUCT A STONE WEDGE WITH A 4:1 SLOPE, OR FLATTER, TO ELIMINATE THE VERTICAL OFFSET IF THE LOWER ELEVATION IS AT OR BELOW SUBGRADE AT THE END OF EACH DAY.
- c. THE CONTRACTOR SHALL PROVIDE DRUMS, BARRICADES OR OTHER APPROVED SEPARATION DEVICES AS SPECIFIED IN PARAGRAPH a AND IF THE LOWER ELEVATION IS BASE STONE OR ASPHALT PAVEMENT, PLACEMENT OF SUBSEQUENT LAYERS OF PAVEMENT MUST BEGIN THE NEXT WORK DAY AND PROGRESS CONTINUOUSLY UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED OR REDUCED TO SIX INCHES OR LESS.
- d. THE CONTRACTOR SHALL PROVIDE SEPARATION BY PORTABLE BARRIER RAIL.

FOR PRECEDING CONDITIONS a, b, AND c, THE CONTRACTOR SHALL USE THE SHOULDER DROP-OFF WARNING SIGN WITH PLAQUE (W8-17 AND W8-17P). IT SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN THE SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. IN THESE SITUATIONS, THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

4. FOR DIFFERENCES IN ELEVATION BETWEEN ADJACENT ROADWAY ELEMENTS GREATER THAN 18 INCHES. SEPARATION WILL BE PROVIDED BY USE OF PORTABLE BARRIER RAIL.

IN THIS SITUATION THE CONTRACTOR SHALL LIMIT HIS OPERATIONS TO ONE WORK ZONE NOT EXCEEDING 1 MILE IN LENGTH UNLESS OTHERWISE NOTED ON THE PLANS OR APPROVED BY THE ENGINEER. ONCE THE CONTRACTOR BEGINS WORK IN A WORK ZONE, A CONTINUOUS OPERATION SHALL BE MAINTAINED UNTIL THE DIFFERENCE IN ELEVATION IS ELIMINATED. SIMULTANEOUS WORK ON SEPARATE ROADWAYS OF DIVIDED HIGHWAYS WILL BE CONSIDERED INDEPENDENTLY IN REGARD TO RESTRICTION OF WORK ZONE ACTIVITY.

B. IF THE DIFFERENCE IN ELEVATION IS WITHIN 30 FEET OF THE NEAREST TRAFFIC LANE BEING USED BY TRAFFIC CAUSED BY GRADING, EXCAVATION FOR UTILITIES, DRAINAGE STRUCTURES, UNDERCUTTING, ETC.:

1. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 3/4 INCH AND NOT EXCEEDING 2 INCHES.

WARNING SIGNS (UNEVEN LANES AND/OR SHOULDER DROP-OFF) SHALL BE PLACED IN ADVANCE OF AND THROUGHOUT THE EXPOSED AREA. MAXIMUM SPACING BETWEEN SIGNS SHALL BE 2,000 FEET WITH A MINIMUM OF 2 SIGNS PER EXPOSED AREA. WHERE UNEVEN PAVEMENT IS ENCOUNTERED, SIGNS SHALL BE PLACED ON EACH SIDE OF THE ROADWAY.

2. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES AND NOT EXCEEDING 6 INCHES:

- a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

3. IF THE DIFFERENCE IN ELEVATION IS WITHIN 8 FEET OF THE NEAREST TRAFFIC LANE WITH DIFFERENCE IN ELEVATION GREATER THAN 6 INCHES:

- a. SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:
 - (1) WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
 - (2) WHERE POSTED SPEEDS ARE LESS THAN 50 MPH THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.
- b. ELIMINATE VERTICAL OFFSET BY CONSTRUCTING A STONE WEDGE OR GRADING TO A 4:1 SLOPE, OR FLATTER, OR USE PORTABLE BARRIER RAIL.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE WITHIN 8 FEET OF A TRAFFIC LANE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

C. IF THE DIFFERENCE IN ELEVATION IS FARTHER THAN 8 FEET FROM THE NEAREST TRAFFIC LANE BUT NOT MORE THAN 30 FEET FROM THE NEAREST TRAFFIC LANE:

SEPARATION SHALL BE ACCOMPLISHED BY DRUMS, BARRICADES OR OTHER APPROVED DEVICES IN ACCORDANCE WITH THE FOLLOWING:

1. WHERE POSTED SPEEDS ARE 50 MPH OR GREATER, SPACING OF THE PROTECTIVE DEVICES SHALL NOT EXCEED 100 FEET.
2. WHERE POSTED SPEEDS ARE LESS THAN 50 MPH, THE MAXIMUM SPACING OF THE PROTECTIVE DEVICES IN FEET SHALL NOT EXCEED TWICE THE POSTED SPEED IN MILES PER HOUR OR 50 FEET, WHICHEVER SPACING IS GREATER.

THE CONTRACTOR SHALL SCHEDULE THE WORK SO AS TO MINIMIZE THE TIME TRAFFIC IS EXPOSED TO AN ELEVATION DIFFERENCE. ONCE THE CONTRACTOR BEGINS AN ACTIVITY THAT CREATES AN ELEVATION DIFFERENCE, THE ACTIVITY SHALL BE PURSUED AS A CONTINUOUS OPERATION UNTIL THE ELEVATION DIFFERENCE IS ELIMINATED.

**UNOFFICIAL
SET
NOT FOR
BIDDING**

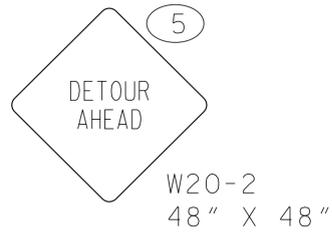
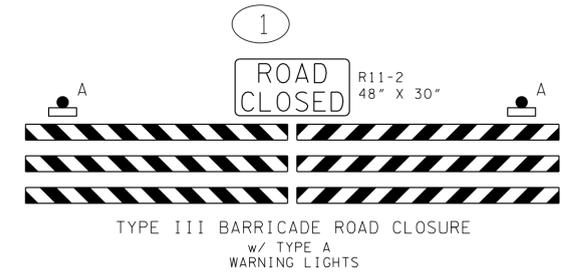
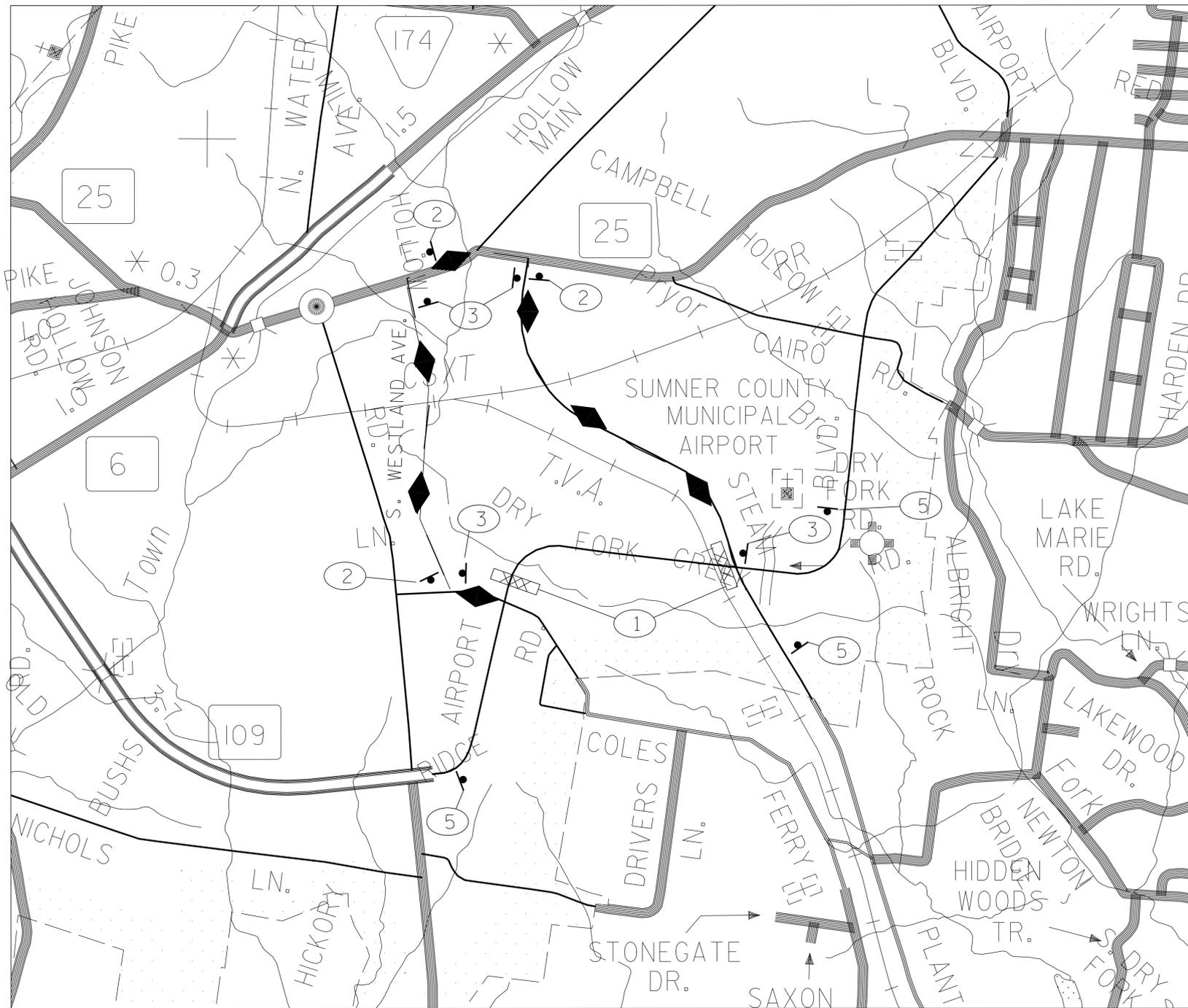
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**TRAFFIC
CONTROL
NOTES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	18

DETOUR DETAIL



DETOUR ROUTE — ◆ — ◆ —

LEFT ON COLES FERRY ROAD - RIGHT ON S. WESTLAND AVE. - RIGHT ON HWY 25 (HARTSVILLE PK.) - RIGHT ON STEAM PLANT ROAD.

NOTE:
 AIRPORT ROAD CLOSED ONE WEEKEND (48 HRS.)
 8 PM FRIDAY NIGHT TO 8 PM SUNDAY NIGHT.
 REMOVE EXISTING 36" & 24" R.C.P. CULVERTS
 AND INSTALL 3 @ 48" R.C.P. CULVERTS.
 BACKFILL AND PAVE UP TO BM-2 LAYER.

23-SEP-2016 11:35
 \\J03WF01\dot.state.tn.us\035Shared\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servicing ABC\01-119592-00-Construction-0018.sht

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC
 CONTROL
 PLAN**

SCALE: 1"=2640'

PHASE 1

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	19

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	TEMPORARY BARRICADE (TYPE III)
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	FLEXIBLE DRUMS (CHANNELIZING)

BEGIN PROJ. NO. 83950-2562-04 (R.O.W.)

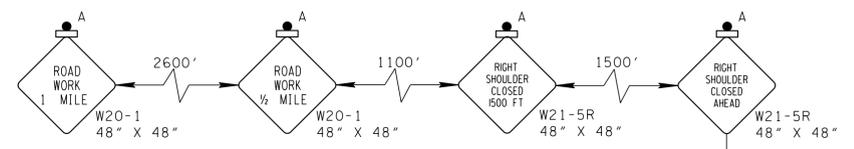
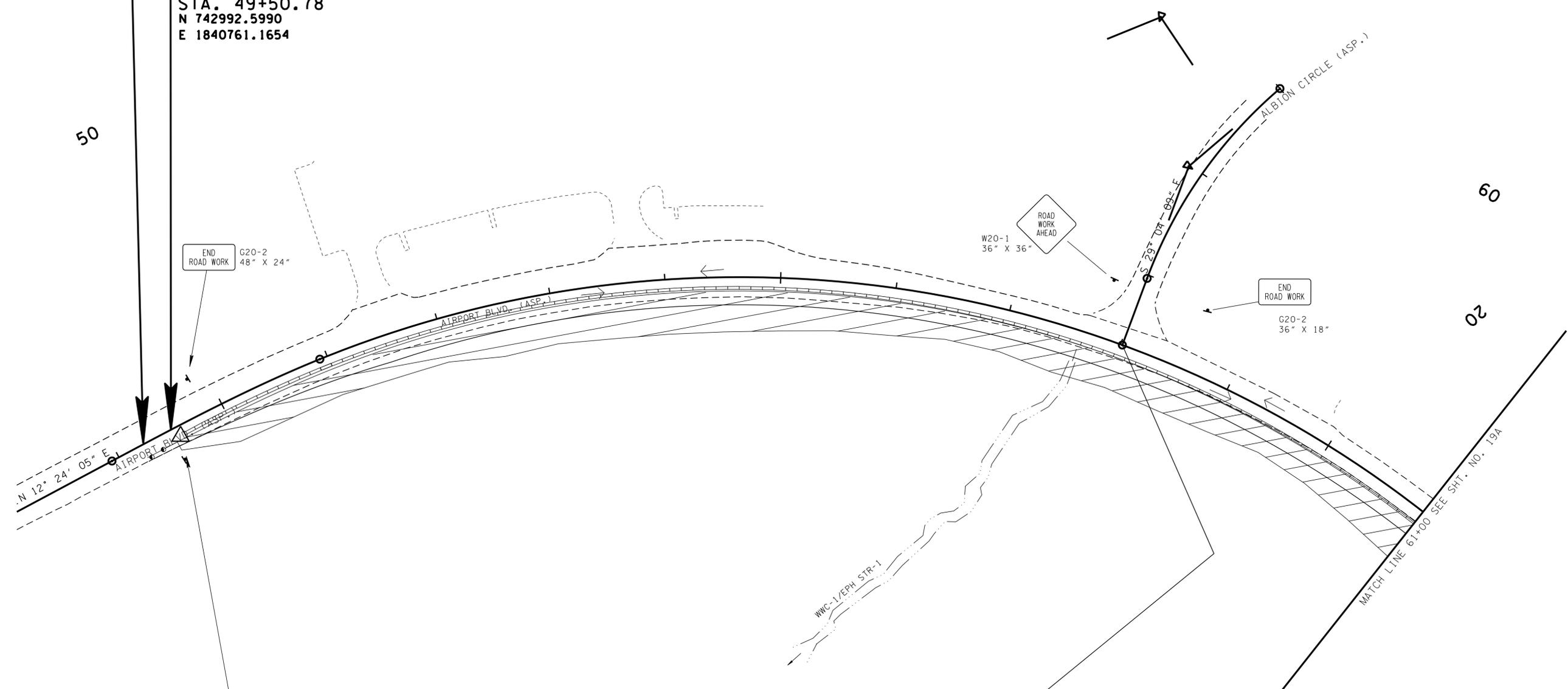
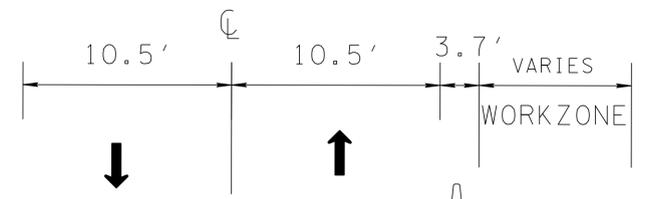
STA. 49+20.96

N 742963.5124
E 1840754.6180

BEGIN PROJ. NO. 83950-3562-04 (CONST.)

STA. 49+50.78

N 742992.5990
E 1840761.1654



NOTE: SEE STANDARD DRAWING (T-WZ-18) FOR LOCATIONS OF DEVICES AND SIGN PLACEMENTS

AIRPORT BLVD. STA. 58+01.67 =
ALBION CIRCLE STA. 22+64.65
N 743663.0415
E 1841240.1831

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEAL BY

COORDINATES ARE NAD/83(1995).
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.00003 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**TRAFFIC
CONTROL
PLAN**
STA. 49+00 TO STA. 61+00
SCALE: 1" = 50'

PHASE 2

23-SEP-2016 11:35 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0019.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	19A

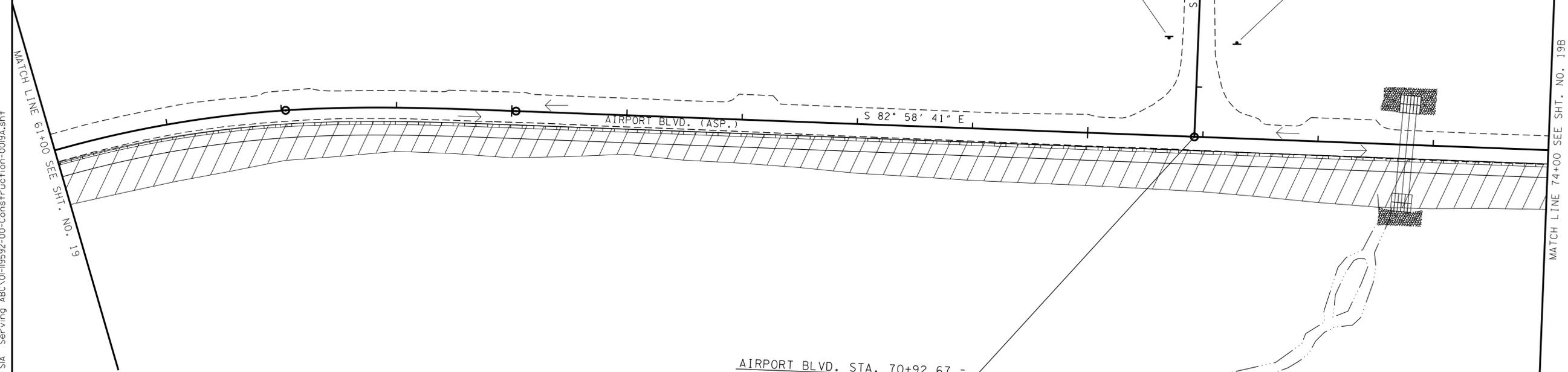
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	FLEXIBLE DRUMS (CHANNELIZING)



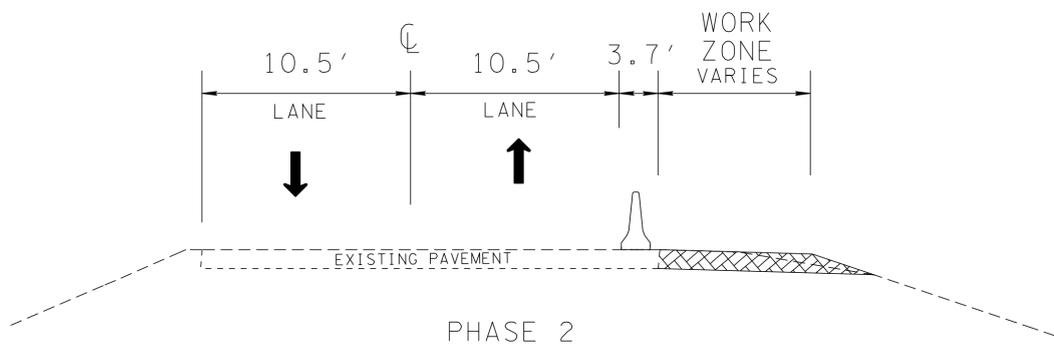
65

70

30



AIRPORT BLVD. STA. 70+92.67 =
 JAMISON DRIVE STA. 32+43.76
 N 743693.6766
 E 1842505.3196



PHASE 2

PHASE 2

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC
 CONTROL
 PLAN**

STA. 61+00 TO STA. 74+00
 SCALE: 1" = 50'

23-SEP-2016 11:35 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0019A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	198

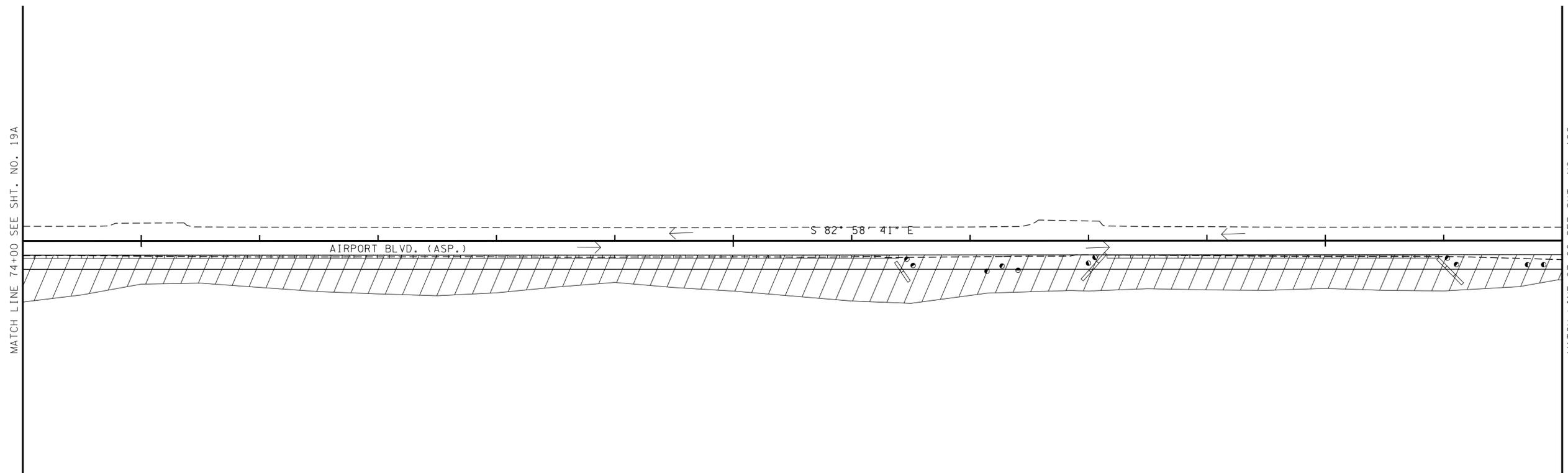
TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	FLEXIBLE DRUMS (CHANNELIZING)



75

80

85



MATCH LINE 74+00 SEE SHT. NO. 19A

MATCH LINE 87+00 SEE SHT. NO. 19C

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**TRAFFIC
CONTROL
PLAN**
STA. 74+00 TO STA. 87+00
SCALE: 1" = 50'

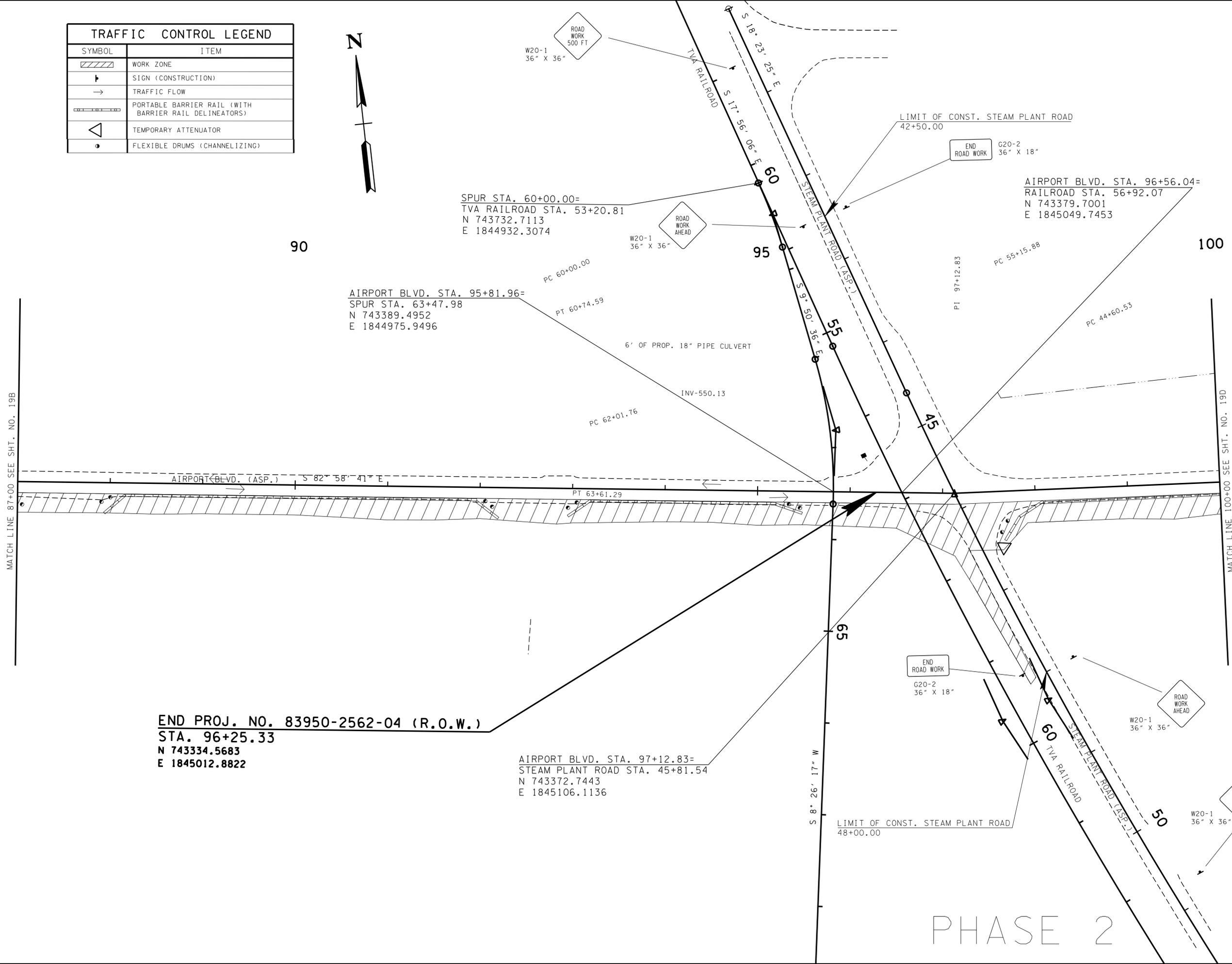
PHASE 2

NOTE: ACCESS TO PRIVATE DRIVES MUST BE MAINTAINED AT ALL TIMES.

23-SEP-2016 11:35 \\J03WF01.tdot.state.tn.us\03Shored\SURVEY\DESIGN\PIN 119592.D0 Summer Co. SIA Servimg ABC\0119592-00-Construction-0019B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	19C

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	FLEXIBLE DRUMS (CHANNELIZING)



90

100

MATCH LINE 87+00 SEE SHT. NO. 19B

MATCH LINE 100+00 SEE SHT. NO. 19D

END PROJ. NO. 83950-2562-04 (R.O.W.)
STA. 96+25.33
N 743334.5683
E 1845012.8822

AIRPORT BLVD. STA. 97+12.83=
 STEAM PLANT ROAD STA. 45+81.54
 N 743372.7443
 E 1845106.1136

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC
 CONTROL
 PLAN**
 STA. 87+00 TO STA. 100+00
 SCALE: 1" = 50'

PHASE 2

23-SEP-2016 11:35 \\J03WF01.tdot.state.tn.us\03Shorad\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-0019C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	190

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	SIGN (CONSTRUCTION)
	TRAFFIC FLOW
	PORTABLE BARRIER RAIL (WITH BARRIER RAIL DELINEATORS)
	TEMPORARY ATTENUATOR
	FLEXIBLE DRUMS (CHANNELIZING)



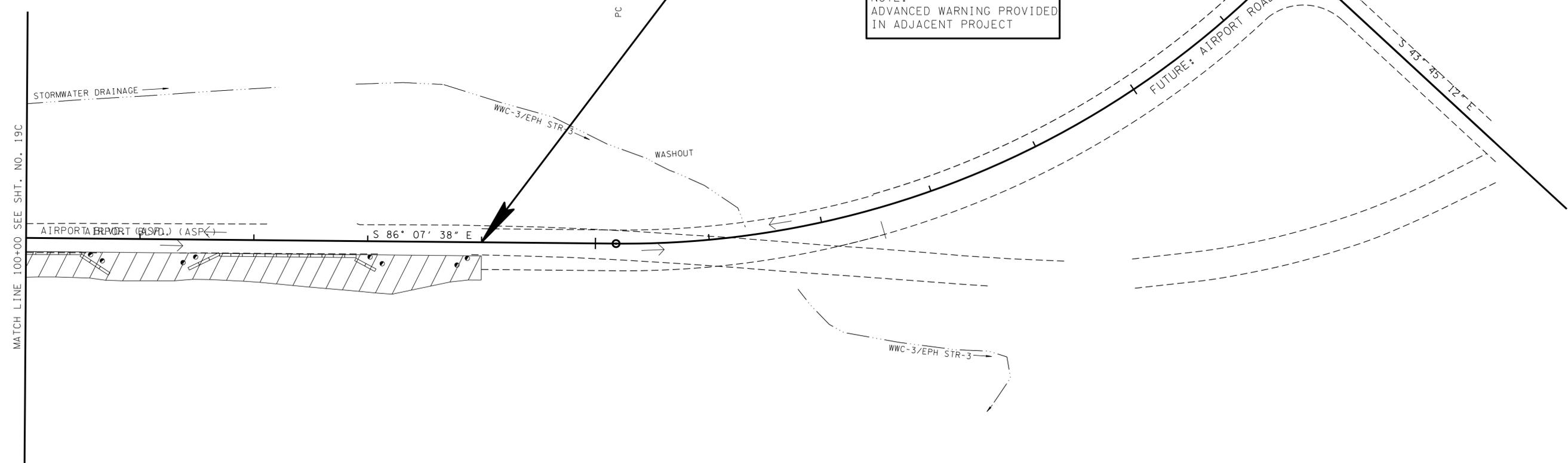
END PROJECT NO. 83950-3562-04 (CONST.)
 PIN NO. 119592.00, STATION 104+00.00=
 PROJECT NO. HPP-9306(16) (ADJACENT PROJECT)
 PIN NO. 112818.00, STATION 104+00.00
 N 743327.0821
 E 1845791.4419

NOTE:
 ADVANCED WARNING PROVIDED
 IN ADJACENT PROJECT

100

105

110



**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

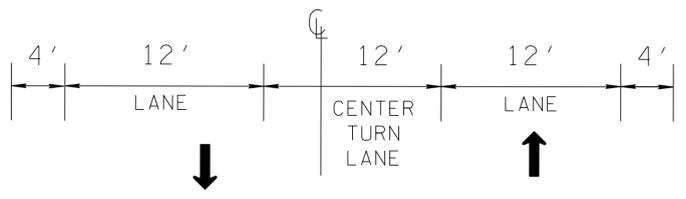
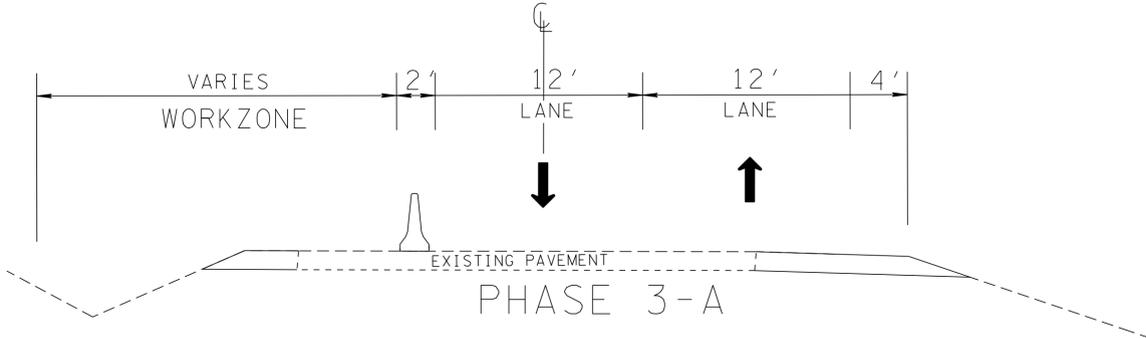
**TRAFFIC
 CONTROL
 PLAN**

STA. 100+00 TO STA. 107+50
 SCALE: 1" = 50'

PHASE 2

23-SEP-2016 11:35 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-00190D.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	20



PHASE 3-B
OVERLAY ENTIRE PROJECT
COLD PLANE AS NEEDED

END PROJECT NO. 83950-3562-04 (CONST.)
PIN NO. 119592.00, STATION 104+00.00=
PROJECT NO. HPP-9306(16)(ADJACENT PROJECT)
PIN NO. 112818.00, STATION 104+00.00
N 743327.0821
E 1845791.4419

NOTE:
ADVANCED WARNING PROVIDED
IN ADJACENT PROJECT

ALBION CIRCLE STA. 20+00.00
N 743911.3247
E 1841159.8135

JAMISON ROAD STA. 32+63.24
N 743935.5709
E 1842535.4455

SEE DETAIL-1
(WORK TO BE DONE IN PHASE 3)

BEGIN PROJ. NO. 83950-3562-04 CONST.
STA. 49+50.78
N 742992.5990
E 1840761.1654

BEGIN PROJ. NO. 83950-2562-04 R.O.W.
STA. 49+20.96
N 742963.5124
E 1840754.6180

NW QUADRANT OF
STEAMPLANT ROAD AND
AIRPORT ROAD INTERSECTION

DETAIL-1

FULL DEPTH PAVEMENT
SEE SHEET 2A FOR
PAVEMENT SCHEDULE

E.O.S POINTS	ROAD	STATION	OFFSET
1	AIRPORT	95+50.00	15.59' LT
2	AIRPORT	96+06.92	24.16' LT
3	STEAMPLANT	44+68.24	16.51' RT
4	STEAMPLANT	44+50.00	14.00' RT

NOT TO SCALE

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

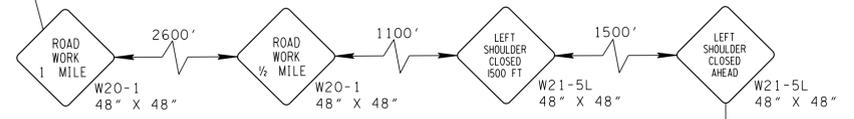
COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 1.00003 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**TRAFFIC
CONTROL
PLAN**

SCALE: 1"=200'

PHASE 3



NOTE: SEE STANDARD DRAWING (T-WZ-18) FOR
LOCATIONS OF DEVICES AND SIGN PLACEMENTS

23-SEP-2016 11:35 \\J03WF01.tdot.state.tn.us\03Shorbed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0020.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-2562-04	21

ALBION CIRCLE STA. 20+00.00
 N 743911.3247
 E 1841159.8135

BEGIN PROJ. NO. 83950-2562-04 (R.O.W.)

STA. 49+20.96

N 742963.5124
 E 1840754.6180

BEGIN PROJ. NO. 83950-3562-04 (CONST.)

STA. 49+50.78

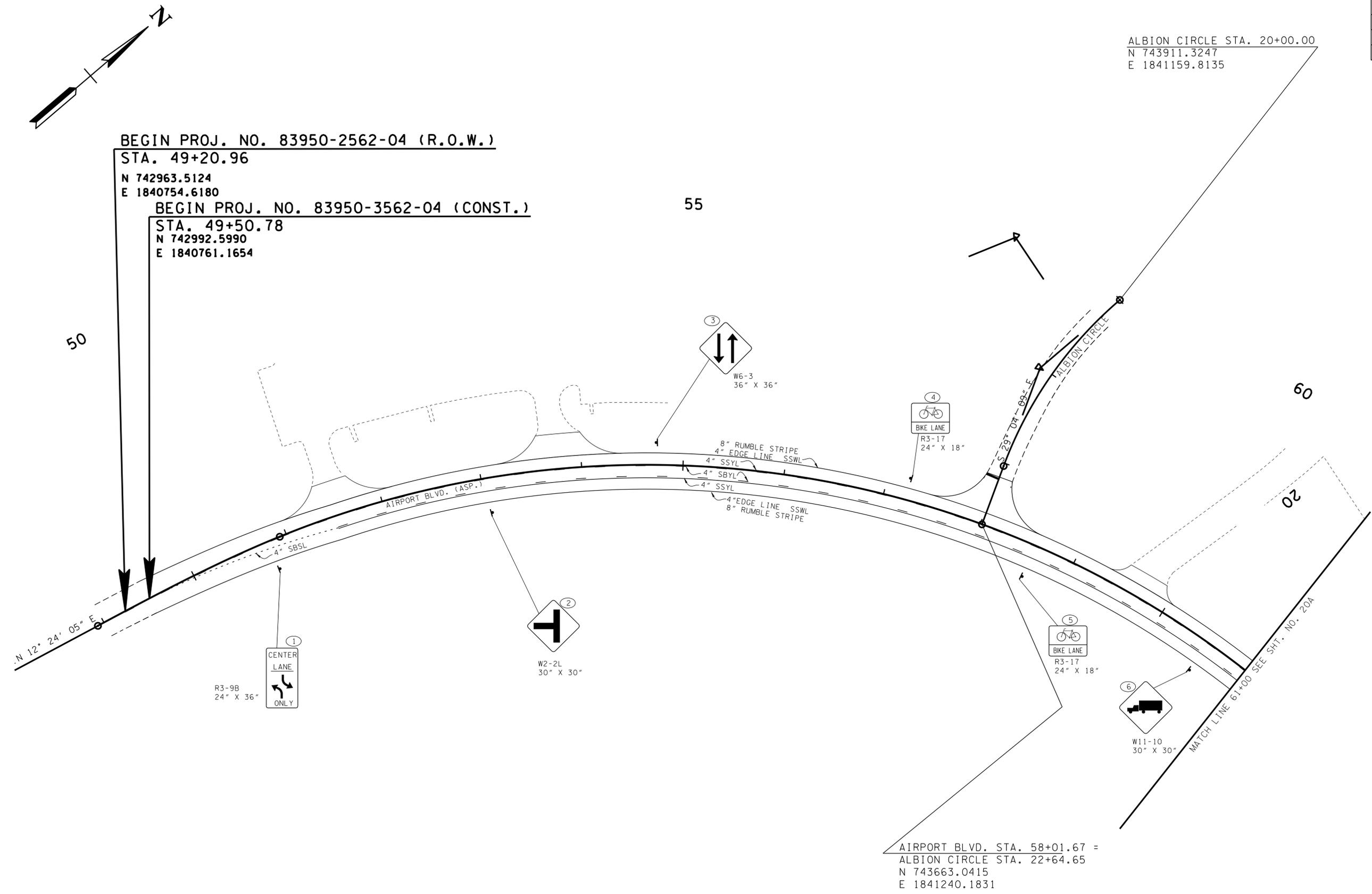
N 742992.5990
 E 1840761.1654

55

50

60

20



AIRPORT BLVD. STA. 58+01.67 =
 ALBION CIRCLE STA. 22+64.65
 N 743663.0415
 E 1841240.1831

**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND
 PAVEMENT
 MARKING PLANS**

STA. 49+20 TO STA. 61+00

SCALE: 1"=50'

23-SEP-2016 11:35
 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.D0 Summer Co. SIA Servimg ABC\01119592-00-Construction-0021.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-2562-04	21 A



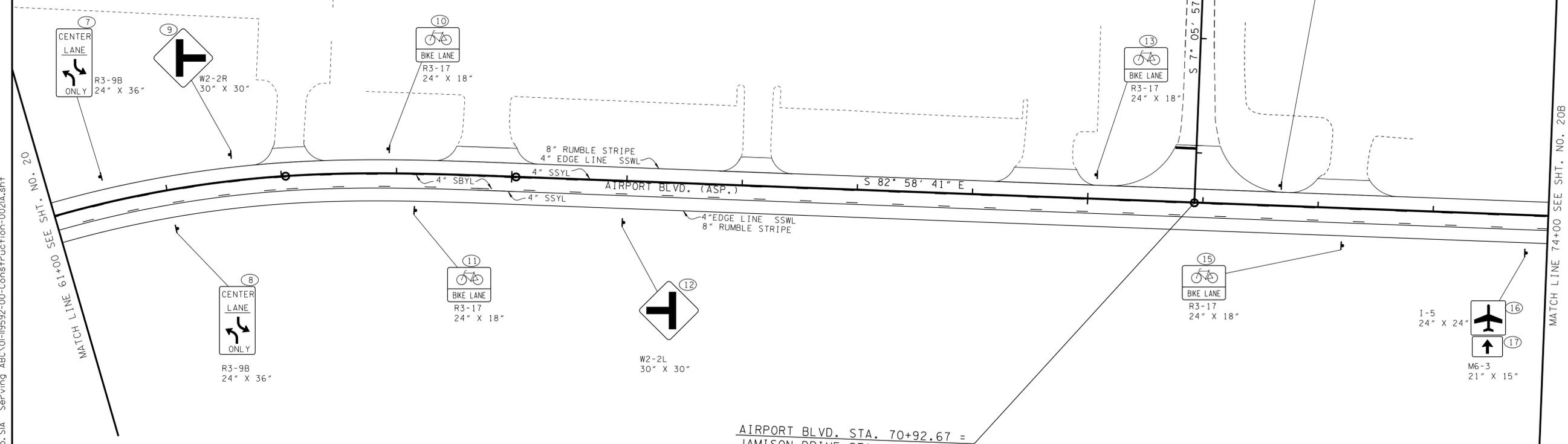
65

70

30

JAMISON DRIVE STA. 30+00.00
 N 743935.5709
 E 1842535.4455

AIRPORT BLVD. STA. 70+92.67 =
 JAMISON DRIVE STA. 32+43.76
 N 743693.6766
 E 1842505.3196



MATCH LINE 61+00 SEE SHT. NO. 20

MATCH LINE 74+00 SEE SHT. NO. 20B

**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND
PAVEMENT
MARKING PLANS**

STA. 61+00 TO STA. 74+00

SCALE: 1"=50'

NOTE:
 EMBEDDED RIP-RAP SHALL BE PLACED AS TO MIMIC THE
 EXISTING CONTOURS OF THE STREAM CHANNEL. THE TOP
 OF THE PROPOSED RIP-RAP SHALL BE AT GRADE WITH THE
 BOTTOM OF THE EXISTING STREAM CHANNEL. VOIDS
 WITHIN THE RIP-RAP SHALL BE FILLED WITH CREEK
 GRAVEL, IF AVAILABLE, TO PREVENT LOSS OF STREAM
 WITHIN RIP-RAP AREAS. CREEK GRAVEL CAN BE REMOVED
 FROM CULVERT EXCAVATION AREA.

23-SEP-2016 11:35 \\J033WF01.tdot.storfe.rtu.us\033shor.ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0021A.sht

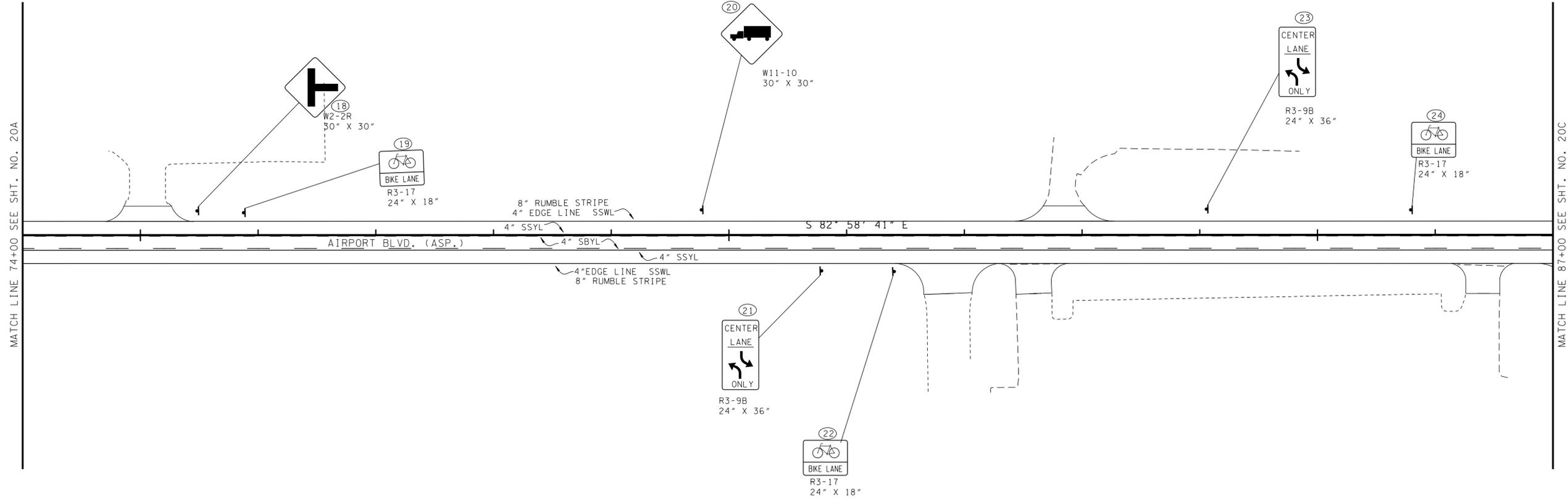
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-2562-04	21 B



75

80

85



**UNOFFICIAL
SET
NOT FOR
BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**SIGNING AND
PAVEMENT
MARKING PLANS**

STA. 74+00 TO STA. 87+00

SCALE: 1"=50'

23-SEP-2016 11:35 \\J03WF01.tdot.state.tn.us\03Shored\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-002B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-2562-04	21 C



STEAM PLANT ROAD STA. 40+00.00
 N 743924.9039
 E 1844921.1004

SPUR STA. 60+00.00=
 TVA RAILROAD STA. 53+20.81
 N 743732.7113
 E 1844932.3074

AIRPORT BLVD. STA. 96+56.04=
 RAILROAD STA. 56+92.07
 N 743379.7001
 E 1845049.7453

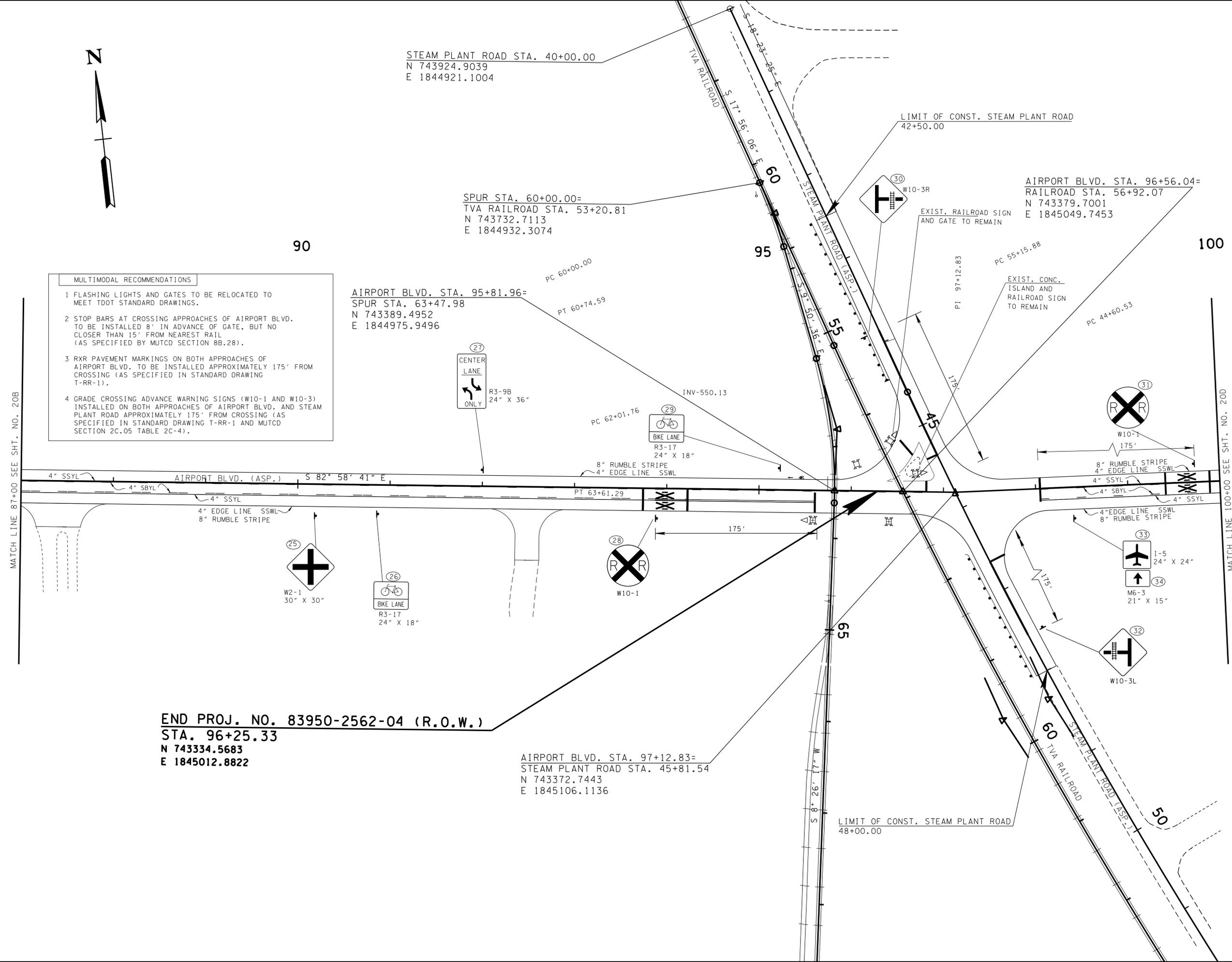
AIRPORT BLVD. STA. 95+81.96=
 SPUR STA. 63+47.98
 N 743389.4952
 E 1844975.9496

AIRPORT BLVD. STA. 97+12.83=
 STEAM PLANT ROAD STA. 45+81.54
 N 743372.7443
 E 1845106.1136

- MULTIMODAL RECOMMENDATIONS**
- 1 FLASHING LIGHTS AND GATES TO BE RELOCATED TO MEET TDOT STANDARD DRAWINGS.
 - 2 STOP BARS AT CROSSING APPROACHES OF AIRPORT BLVD. TO BE INSTALLED 8' IN ADVANCE OF GATE, BUT NO CLOSER THAN 15' FROM NEAREST RAIL (AS SPECIFIED BY MUTCD SECTION 8B.28).
 - 3 RXR PAVEMENT MARKINGS ON BOTH APPROACHES OF AIRPORT BLVD. TO BE INSTALLED APPROXIMATELY 175' FROM CROSSING (AS SPECIFIED IN STANDARD DRAWING T-RR-1).
 - 4 GRADE CROSSING ADVANCE WARNING SIGNS (W10-1 AND W10-3) INSTALLED ON BOTH APPROACHES OF AIRPORT BLVD. AND STEAM PLANT ROAD APPROXIMATELY 175' FROM CROSSING (AS SPECIFIED IN STANDARD DRAWING T-RR-1 AND MUTCD SECTION 2C.05 TABLE 2C-4).

MATCH LINE 87+00 SEE SHT. NO. 20B

MATCH LINE 100+00 SEE SHT. NO. 20D



**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND
 PAVEMENT
 MARKING PLANS**
 AIRPORT ROAD
 STA. 87+00 TO STA. 100+00
 STEAM PLANT ROAD
 STA. 40+00 TO STA. 51+50
 SCALE: 1" = 50'

23-SEP-2016 11:35 \\J03WF01.tdot.state.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\0119592-00-Construction-002C.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-2562-04	21 D

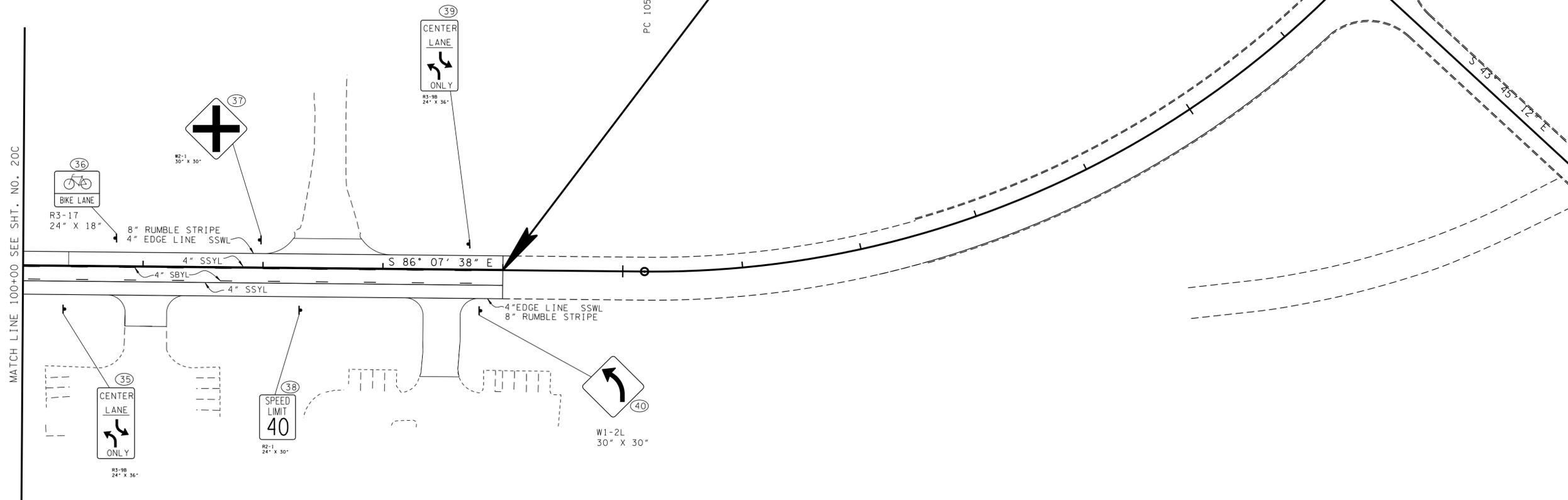
END PROJECT NO. 83950-3562-04 (CONST.)
 PIN NO. 119592.00, STATION 104+00.00=
 PROJECT NO. HPP-9306(16) (ADJACENT PROJECT)
 PIN NO. 112818.00, STATION 104+00.00
 N 743327.0821
 E 1845791.4419



100

105

110



**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

SEALED BY

COORDINATES ARE NAD/83(1995),
 ARE DATUM ADJUSTED BY THE
 FACTOR OF 1.00003 AND TIED TO
 THE TGRN. ALL ELEVATIONS ARE
 REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**SIGNING AND
 PAVEMENT
 MARKING PLANS**

STA. 100+00 TO STA. 104 +00

SCALE: 1"=50'

23-SEP-2016 11:35 \\J03WF01.tdot.state.tn.us\03Shor.ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servng ABC\0119592-00-Construction-002D.sht

ALL SIGNS SHOWN WITH DESIGNATIONS ARE TO BE FABRICATED AS DETAILED IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (CURRENT EDITION)

SEE STD. DWG. NO. T-S-19

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	22

SIGN NO	LEGEND	SHEET NO	SIZE				COPY			SHIELD	ARROW	SIGN FACE			STEEL DESIGN (BREAK-AWAY)					MINIMUM VERTICAL CLEARANCE	REMARKS				
			LENGTH	HEIGHT	RADIUS	BORDER WIDTH	CAPITAL	LOWER CASE	NUMERAL			SERIES	COPY	BACKGROUND	MATERIAL	SUPPORT TYPE	SUPPORT LENGTH	FOOTING	CONC. CU. YD.			REIN STEEL LBS.			
38		R2-1	21D	30"	36"								BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h = 12'-6"				5'-0"				
30		W10-3R	21C	36"	36"								BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	P8	h = 13'-6"				6'-0"				
32		W10-3L	21C	36"	36"								BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	P8	h = 13'-6"				6'-0"				
1		R3-9B	21	24"	36"																				
7, 8, 14			21A																						
21, 23			21B																						
27			21C																						
35, 39			21D																						
25		W2-1	21C	36"	36"																				
37			21D																						
9		W2-2R	21A	36"	36"																				
18			21B																						
3		W6-3	21	36"	36"																				
			21A																						
			21B																						
			21C																						
			21D																						
6		W11-10	21	36"	36"																				
20			21B																						
4, 5, 10, 11 13, 15, 19, 21 22, 24, 26, 29 36		R3-17	21	24"	18"																				
16, 17		I-5	21A	24"	24"																				
33, 34			21C																						
28, 31		W10-1	21C	36" DIA.									BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	** U6	h = 14'-6"				6'-0"	** REQUIRES SLIP BASE ITEM NO. 713-11.21 SEE STD. DWG. NO. T-S-23A			
2		W2-2L	21	36"	36"																				
12			21A																						
40		W1-2L	21D	36"	36"								BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	P8	h = 13'-6"				5'-0"				

** NOTE:
1) 2 1/2" DIA. SUPPORT (ITEM NO. 713-11.03) TO BE SPECIFIED ON THE "QUALIFIED PRODUCT LISTS". LIST 33. "POZ-LOC SLIPBASE SYSTEM". NORTHWEST PIPE CO. TRAFFIC SYSTEMS OR EQUIVALENT. ITEM TO INCLUDE CONCRETE FOOTING AND ALL HARDWARE TO ATTACH SIGNS TO POST.

U-POST SUBSTITUTION TABLE

BID ITEM 713-11.01	SUBSTITUTION ALLOWED
2*/FT. U1	2*/FT. MU1 OR 2*/FT. R1
2.5*/FT. U3	2.5*/FT. MU3 OR 3*/FT. R2*
3*/FT. U6	
4*/FT. U7	NO SUBSTITUTES

* PAID AT A RATE OF 2.5*/FT.

**UNOFFICIAL SET
NOT FOR BIDDING**

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

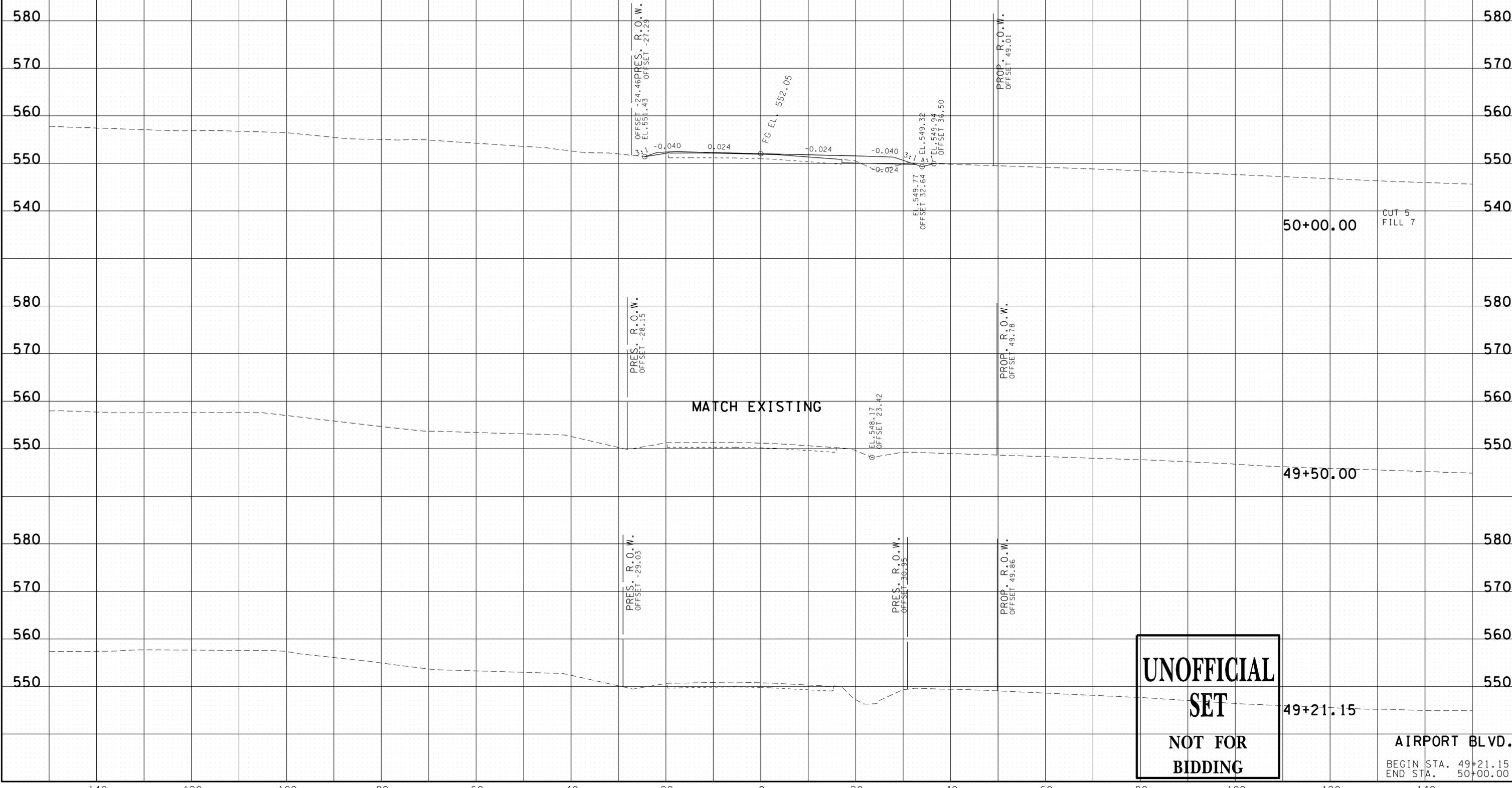
SIGN SCHEDULE SHEETS

23-SEP-2016 11:35 \\J03WF01.tdot.storfe.tn.us\03Shor\ed\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Servimg ABC\01-119592-00-Construction-0022.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	17
CONST.	2016	83950-3562-04	23

SOILS AND GEOLOGY REPORT CONSIDERERATIONS:
 PRE-BENCHING OF THE EXISTING FILL SLOPE PRIOR TO FILL PLACEMENT
 IS REQUIRED FOR ALL EXISTING SLOPE STEEPER THAN 4:1, PER TDOT
 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION
 205.03-PREPARATION OF EMBANKMENT AREAS.

REV. 04-05-16: MODIFIED PROPOSED
 RIGHT-OF-WAY TO 50'± OFF-SET FROM
 CENTERLINE



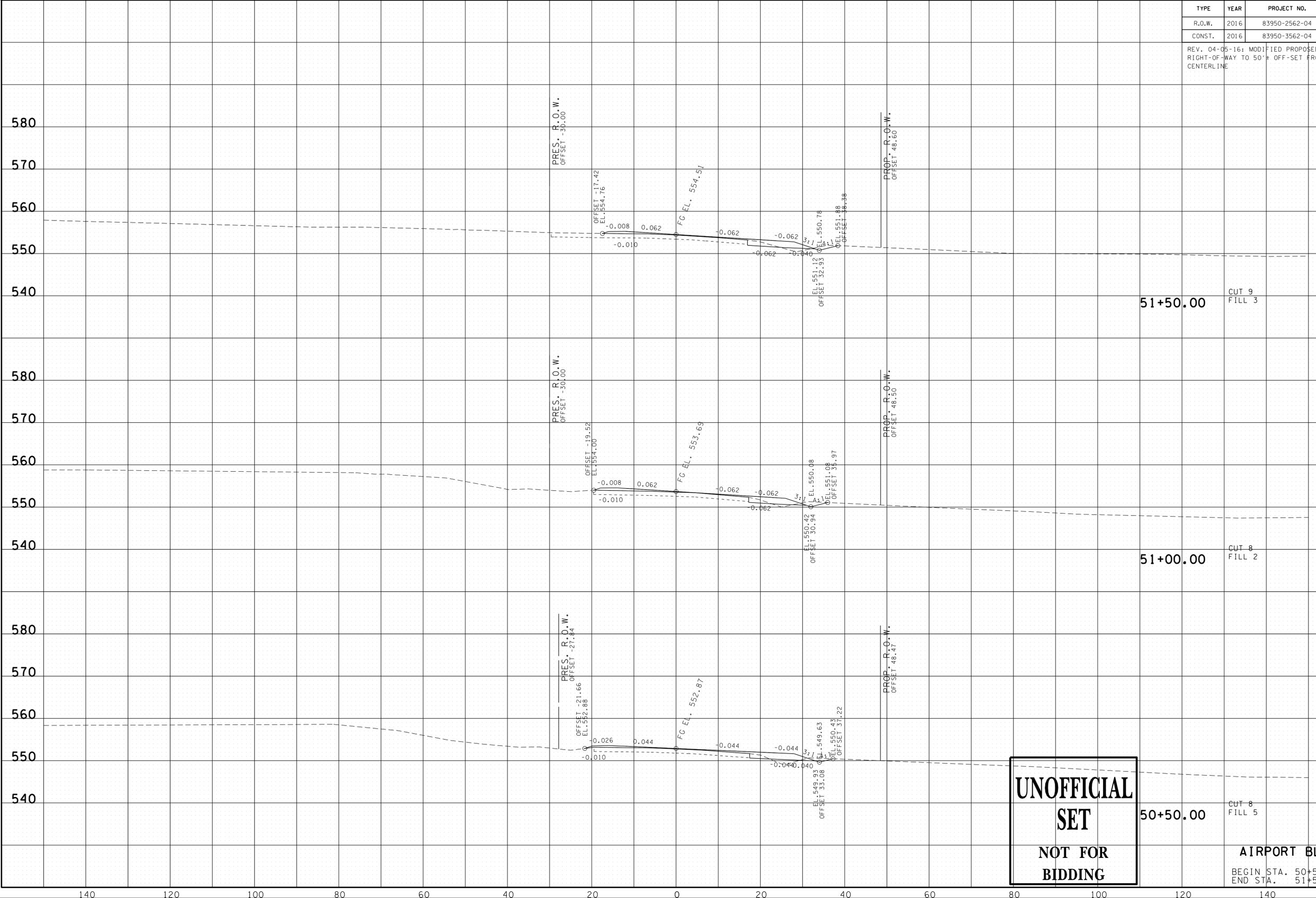
**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

AIRPORT BLVD.
 BEGIN STA. 49+21.15
 END STA. 50+00.00

23-SEP-2016 11:35
 \\J03WF01\dot.state.tn.us\3\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\mainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	18
CONST.	2016	83950-3562-04	24

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



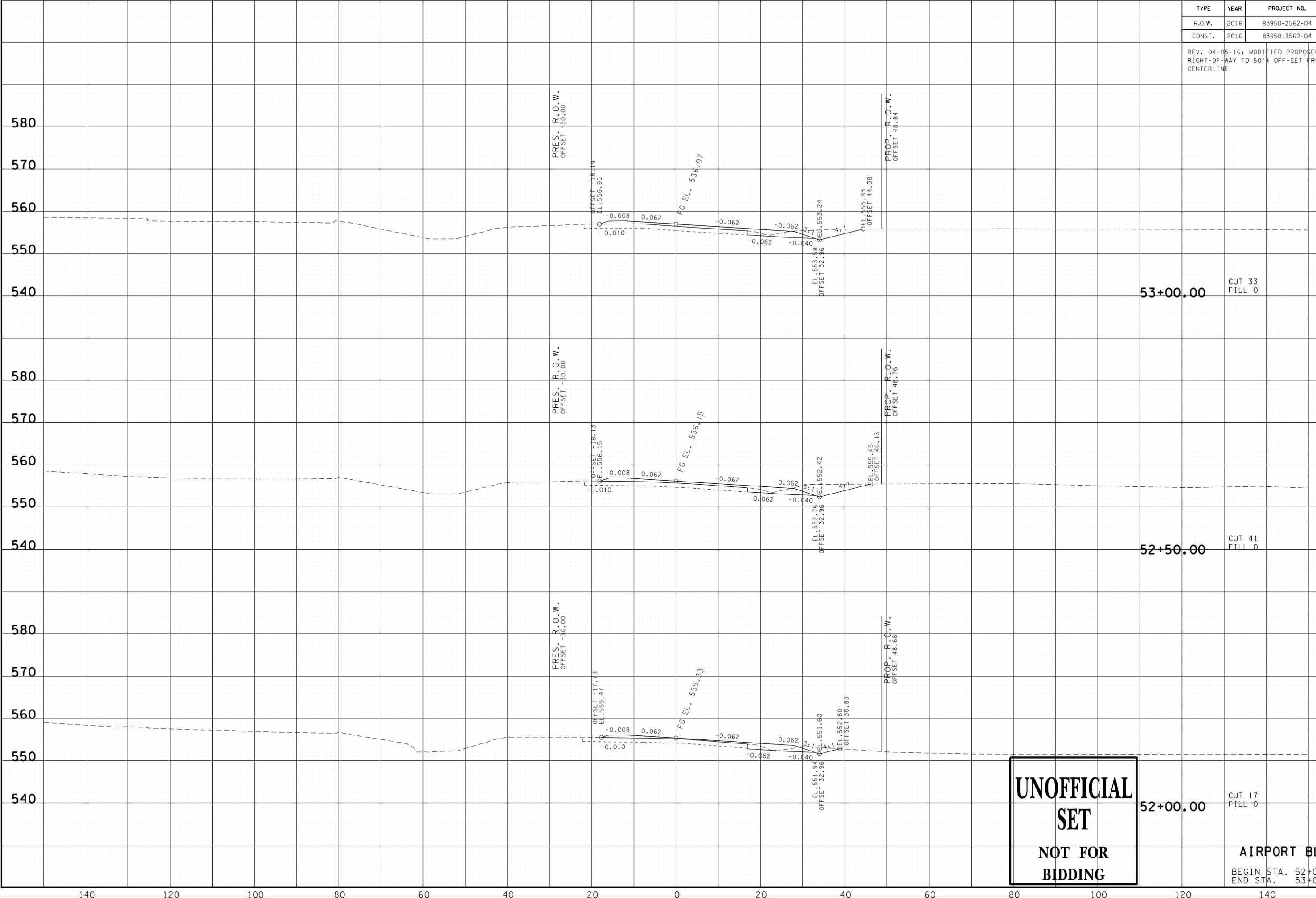
**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.
BEGIN STA. 50+50.00
END STA. 51+50.00

23-SEP-2016 11:35
\\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co. SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	19
CONST.	2016	83950-3562-04	25

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



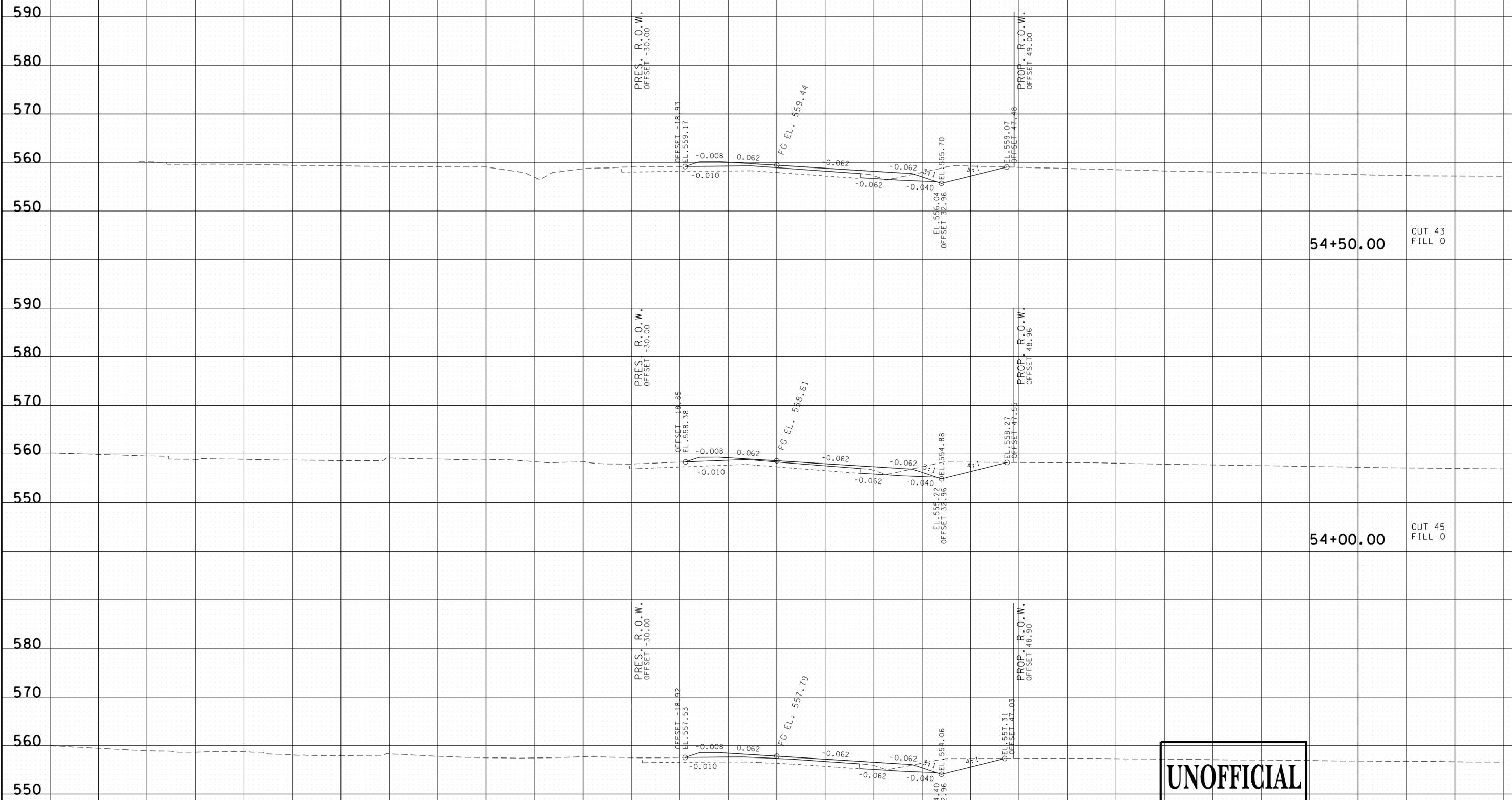
**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.
BEGIN STA. 52+00.00
END STA. 53+00.00

23-SEP-2016 11:35
\\J03WF01\dot.state.tn.us\3\Shared\SURVEY\DESIGN\PIN_119592.00_Summer_Co_SIA_Serving_ABC\U999-10\mainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	20
CONST.	2016	83950-3562-04	26

REV. 04-05-16; MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



54+50.00
CUT 43
FILL 0

54+00.00
CUT 45
FILL 0

53+50.00
CUT 41
FILL 0

**UNOFFICIAL
SET
NOT FOR
BIDDING**

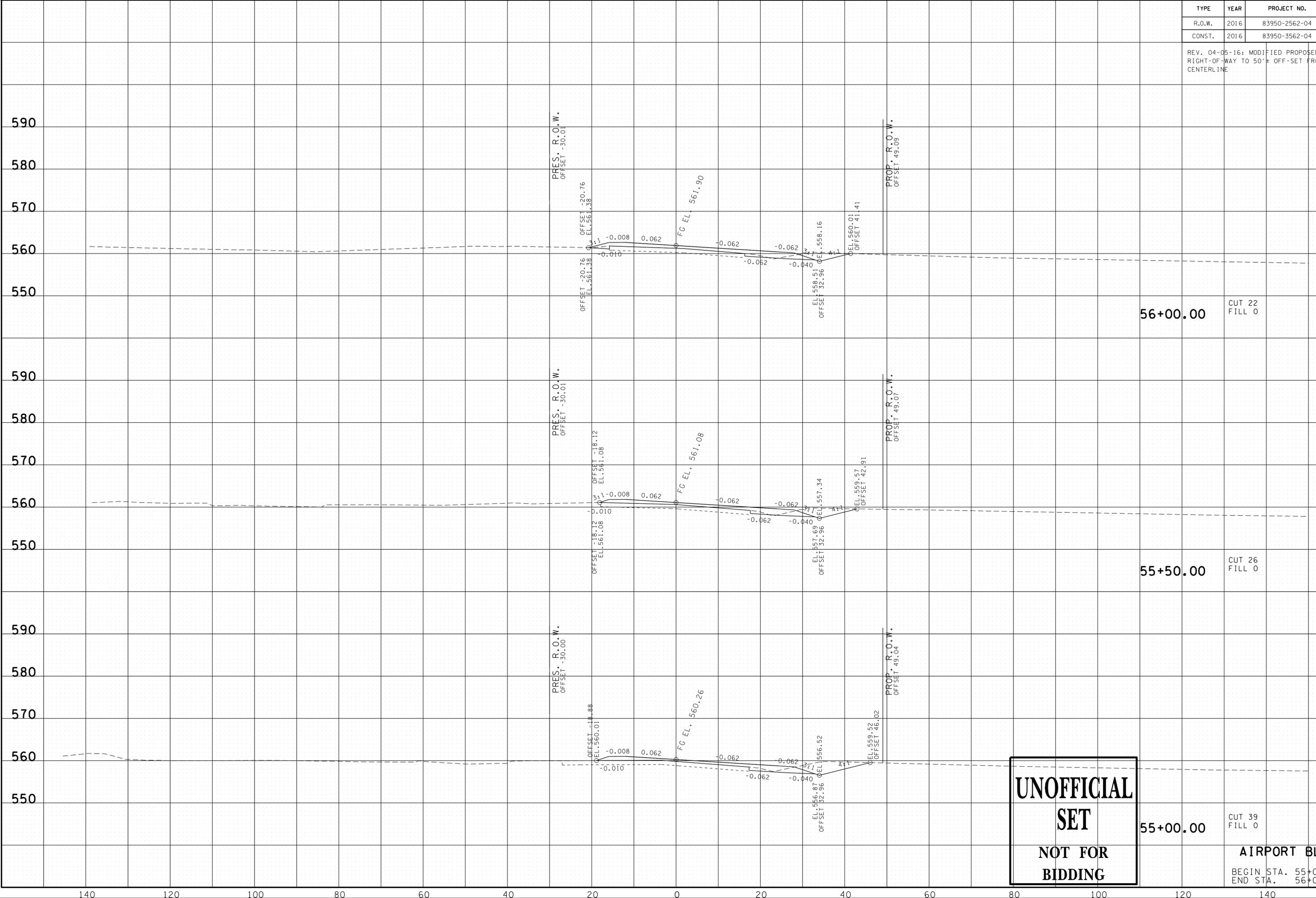
AIRPORT BLVD.
BEGIN STA. 53+50.00
END STA. 54+50.00

23-SEP-2016 11:35 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer_Co_SIA_Serv\ing ABC\U999-00\MainlineXSSheets - Merged.sht

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	21
CONST.	2016	83950-3562-04	27

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



56+00.00 CUT 22 FILL 0

55+50.00 CUT 26 FILL 0

55+00.00 CUT 39 FILL 0

**UNOFFICIAL
SET
NOT FOR
BIDDING**

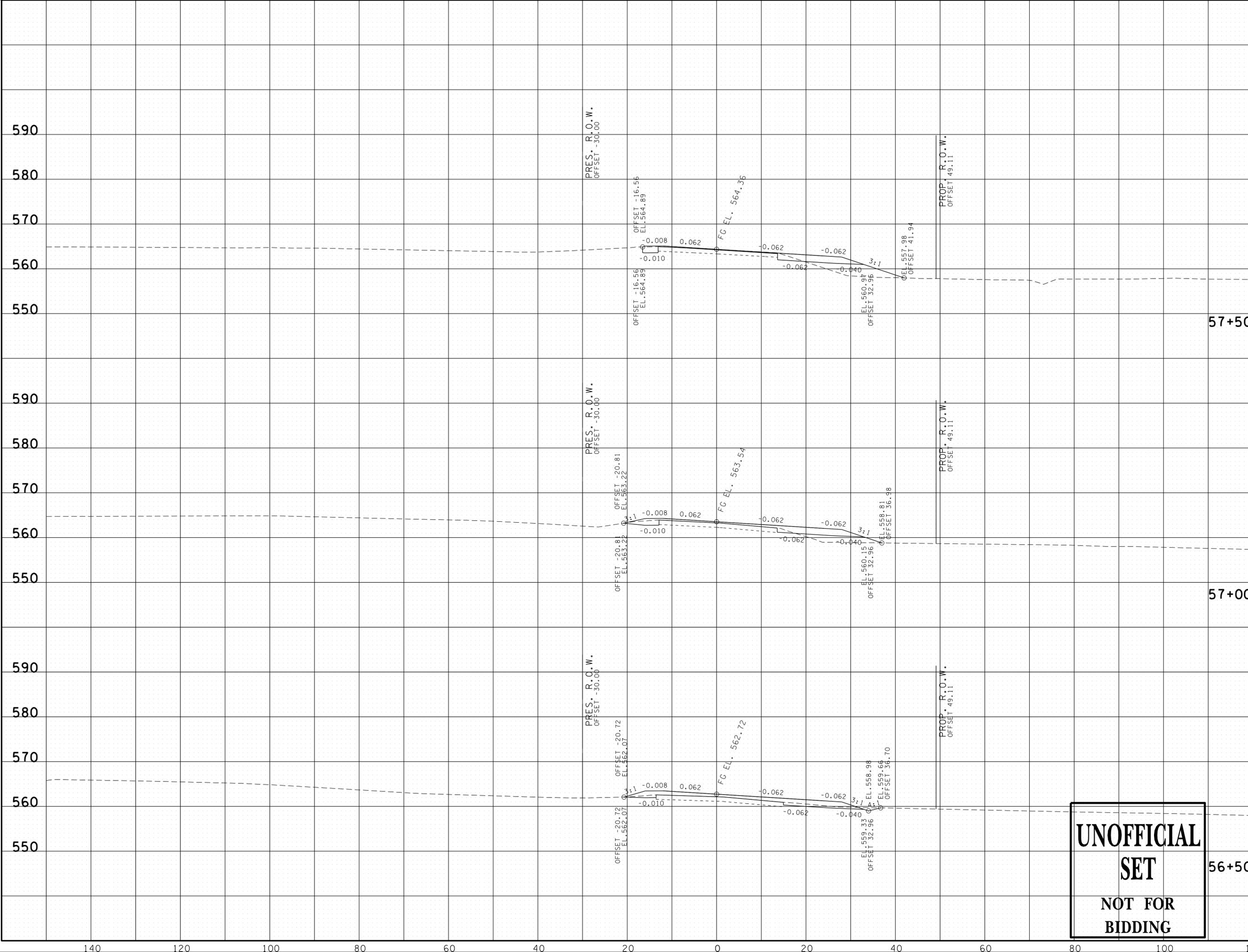
AIRPORT BLVD.

BEGIN STA. 55+00.00
END STA. 56+00.00

23-SEP-2016 11:35 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-00\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	22
CONST.	2016	83950-3562-04	28

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'-0" OFF-SET FROM CENTERLINE



57+50.00 CUT 12 FILL 35

57+00.00 CUT 8 FILL 20

56+50.00 CUT 12 FILL 0

**UNOFFICIAL SET
NOT FOR BIDDING**

AIRPORT BLVD.

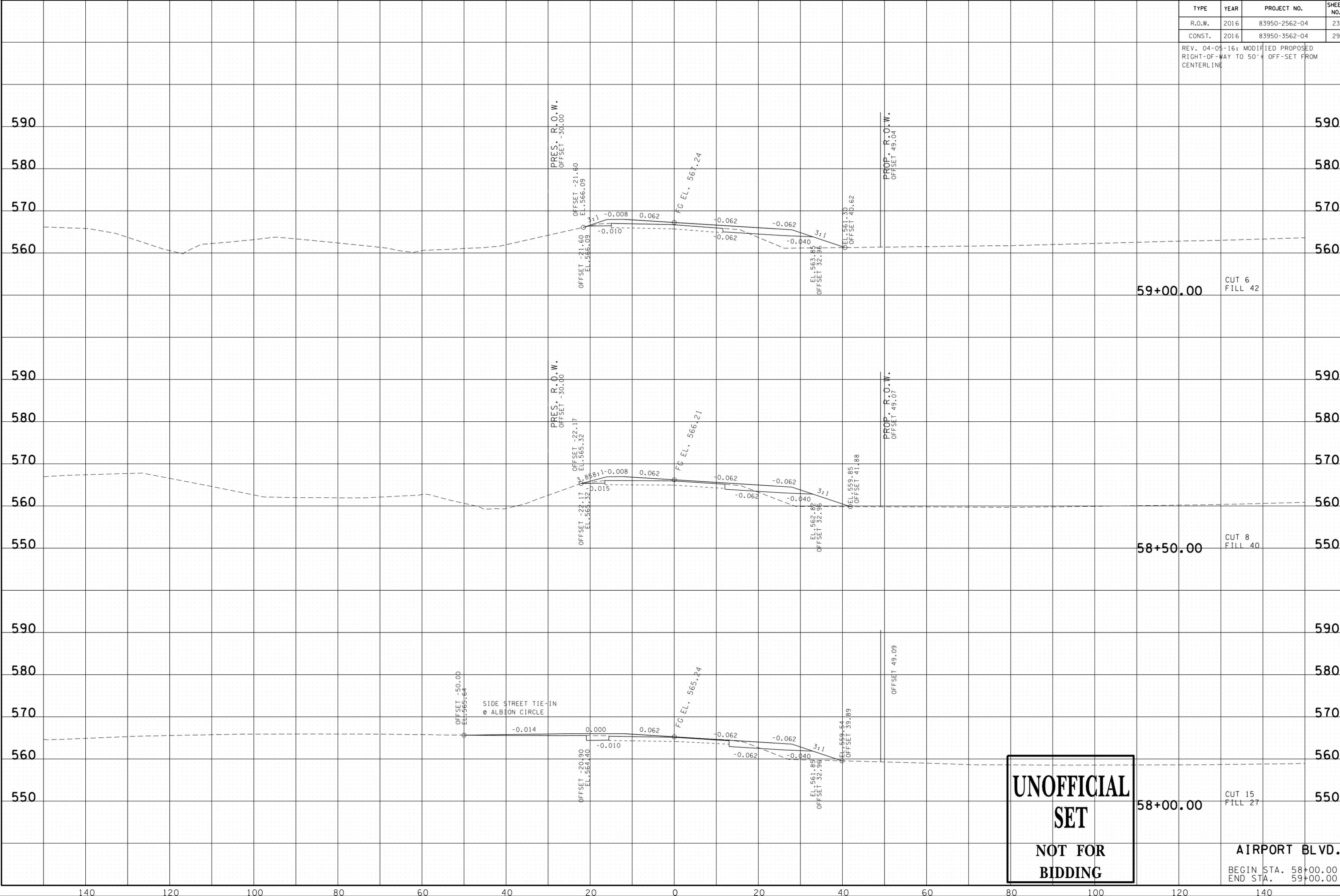
BEGIN STA. 56+50.00
END STA. 57+50.00

23-SEP-2016 11:35 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\mainlineXSSheets - Merged.sht

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	23
CONST.	2016	83950-3562-04	29

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'-0" OFF-SET FROM CENTERLINE



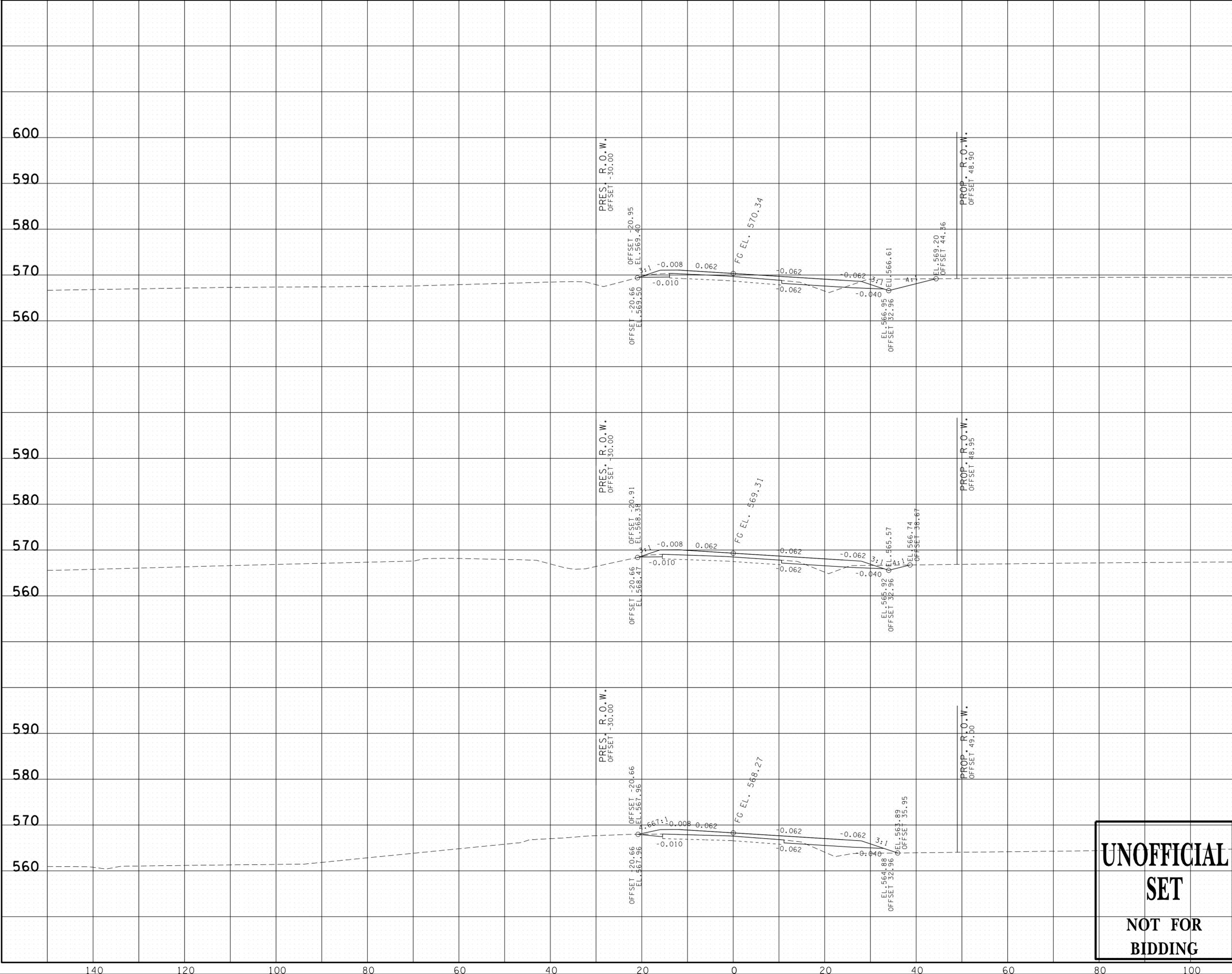
**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.
BEGIN STA. 58+00.00
END STA. 59+00.00

23-SEP-2016 11:35 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serv\ing ABC\U999-0\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	24
CONST.	2016	83950-3562-04	30

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'-0" OFF-SET FROM CENTERLINE



60+50.00
CUT 34
FILL 6

60+00.00
CUT 12
FILL 8

59+50.00
CUT 4
FILL 24

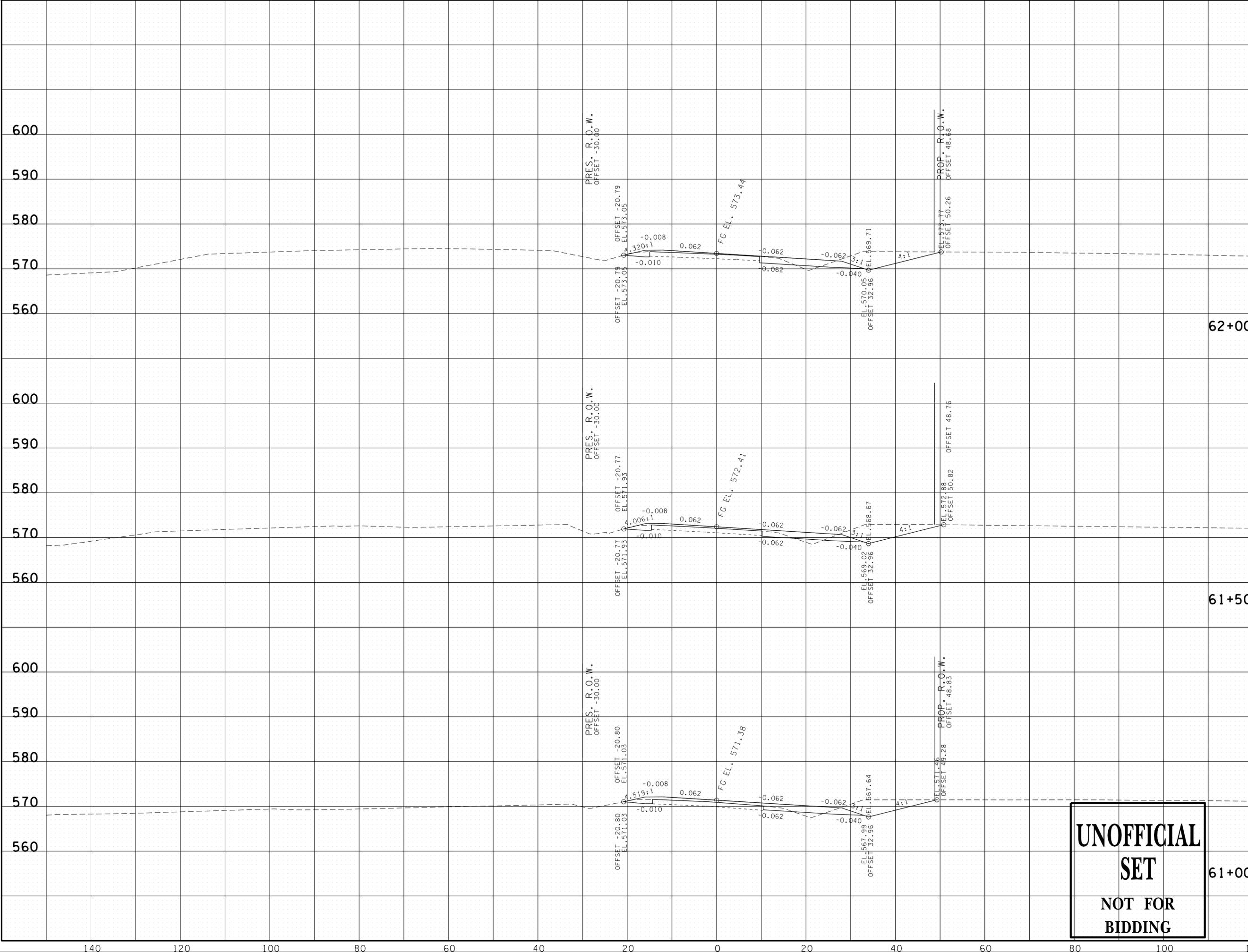
**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.
BEGIN STA. 59+50.00
END STA. 60+50.00

23-SEP-2016 11:35 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\US0999-0\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	25
CONST.	2016	83950-3562-04	31

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



62+00.00
CUT 70
FILL 3

61+50.00
CUT 69
FILL 4

61+00.00
CUT 57
FILL 4

**UNOFFICIAL
SET
NOT FOR
BIDDING**

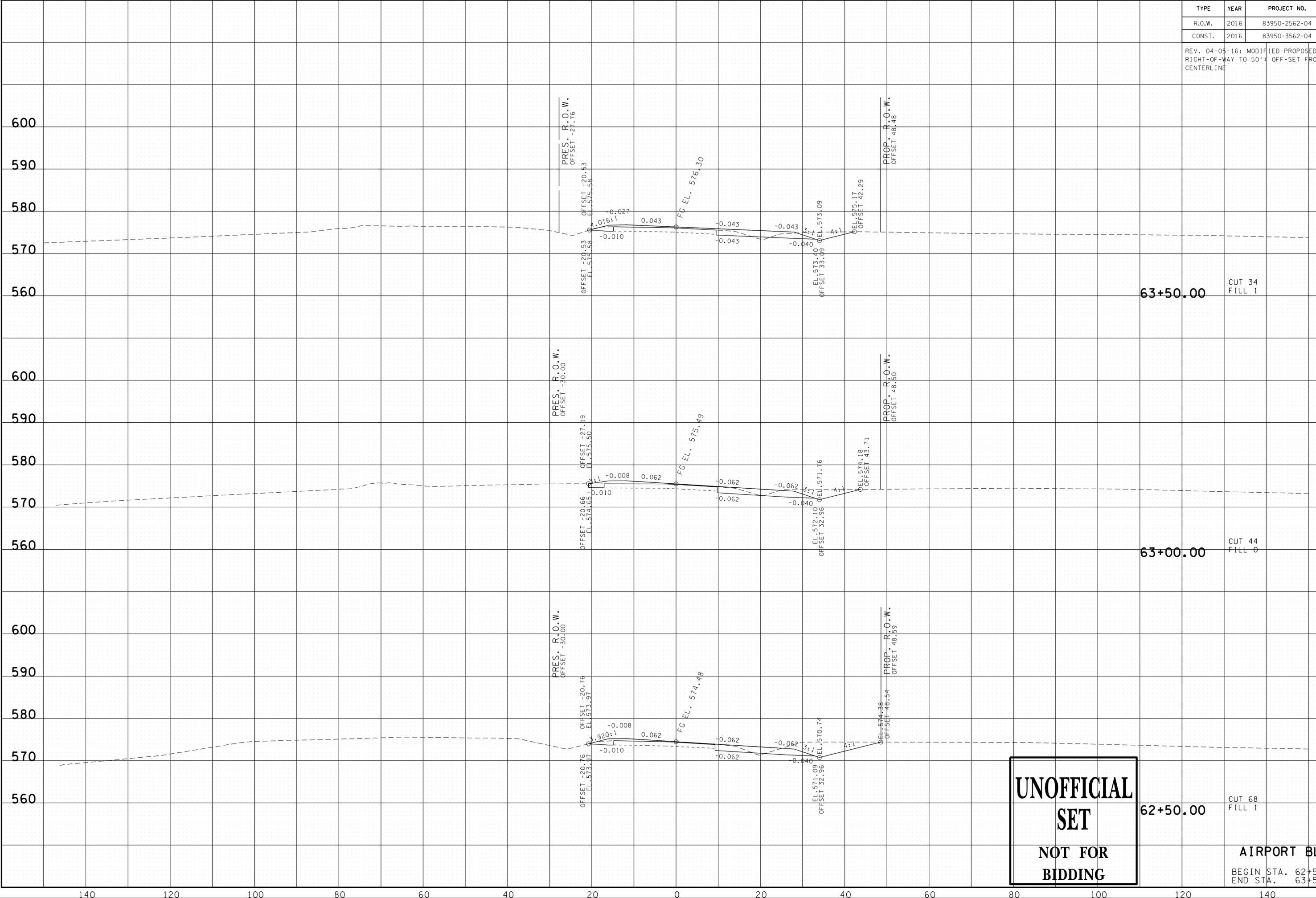
AIRPORT BLVD.

BEGIN STA. 61+00.00
END STA. 62+00.00

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer_Co_SIA_Serv\ing ABC\U999-10\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	26
CONST.	2016	83950-3562-04	32

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' OFFSET FROM CENTERLINE



**UNOFFICIAL
SET
NOT FOR
BIDDING**

63+50.00 CUT 34 FILL 1

63+00.00 CUT 44 FILL 0

62+50.00 CUT 68 FILL 1

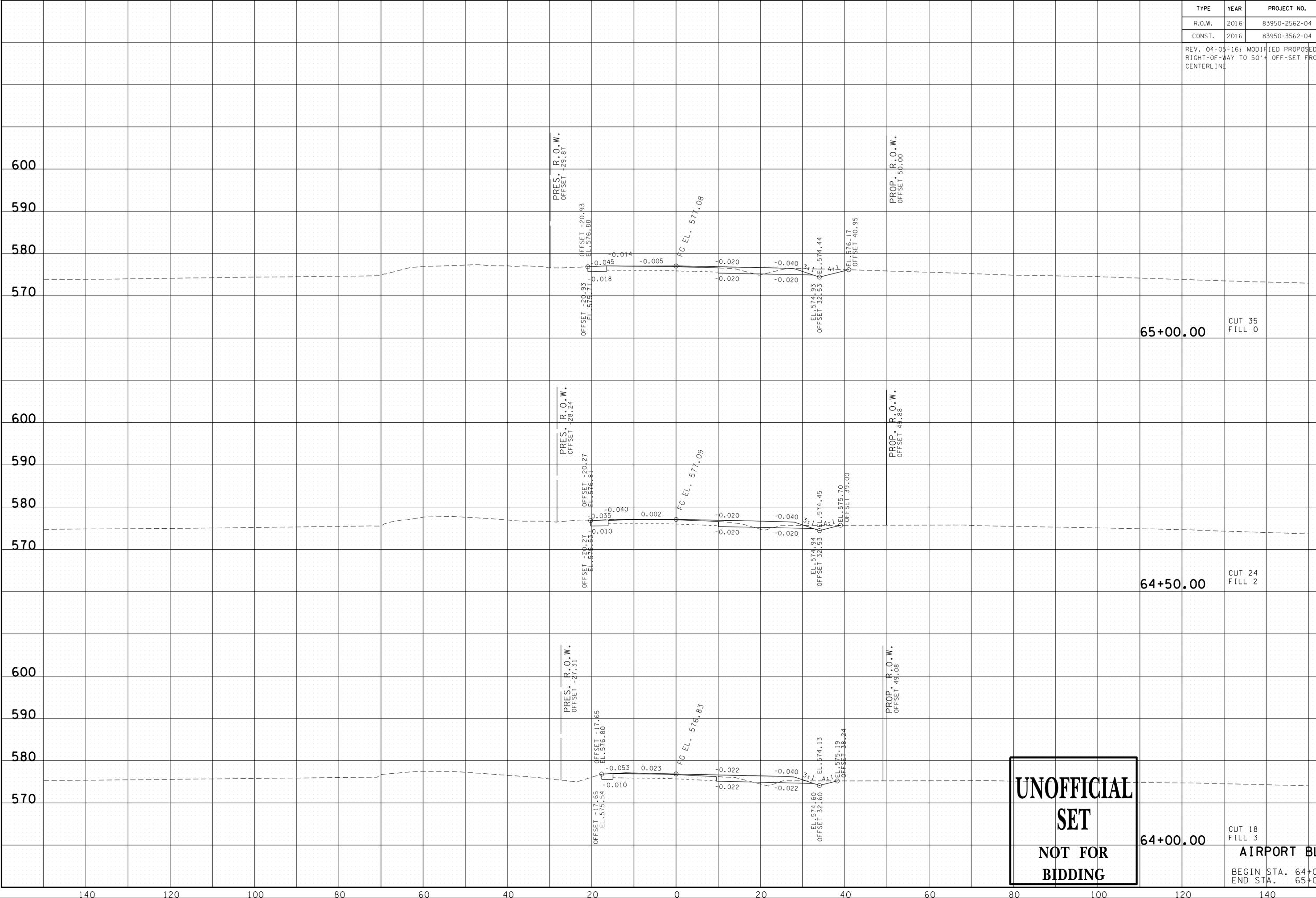
AIRPORT BLVD.

BEGIN STA. 62+50.00
END STA. 63+50.00

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\mainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	27
CONST.	2016	83950-3562-04	33

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFFSET FROM CENTERLINE



**UNOFFICIAL
SET
NOT FOR
BIDDING**

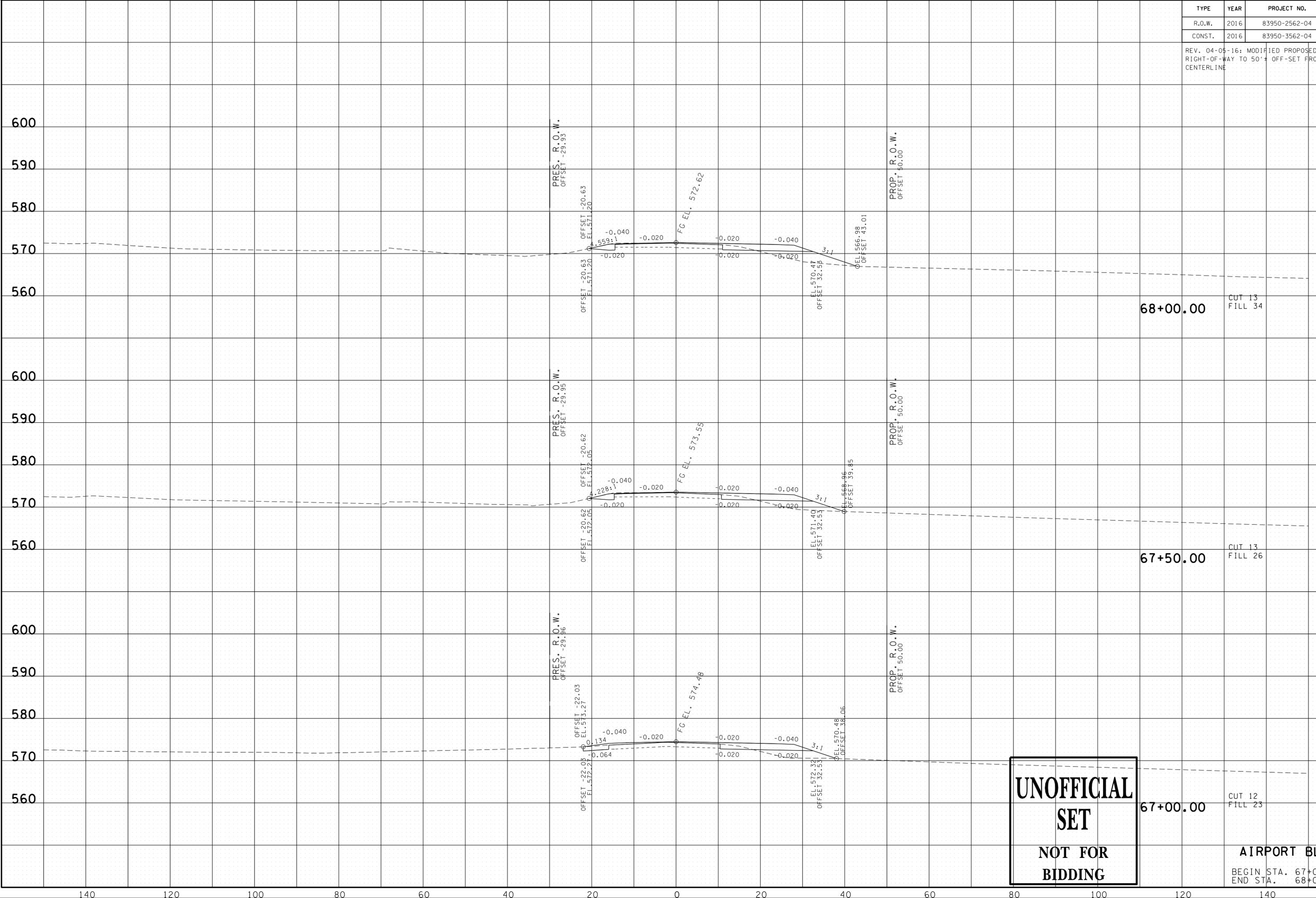
64+00.00 CUT 18 FILL 3
AIRPORT BLVD.
BEGIN STA. 64+00.00
END STA. 65+00.00

23-SEP-2016 11:36
\\J03WF01\dot.state.tn.us\3\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co. SIA_Serving ABC\SU999-10\MainlineXSSheets - Merged.sht

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	29
CONST.	2016	83950-3562-04	35

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE



68+00.00 CUT 13 FILL 34

67+50.00 CUT 13 FILL 26

67+00.00 CUT 12 FILL 23

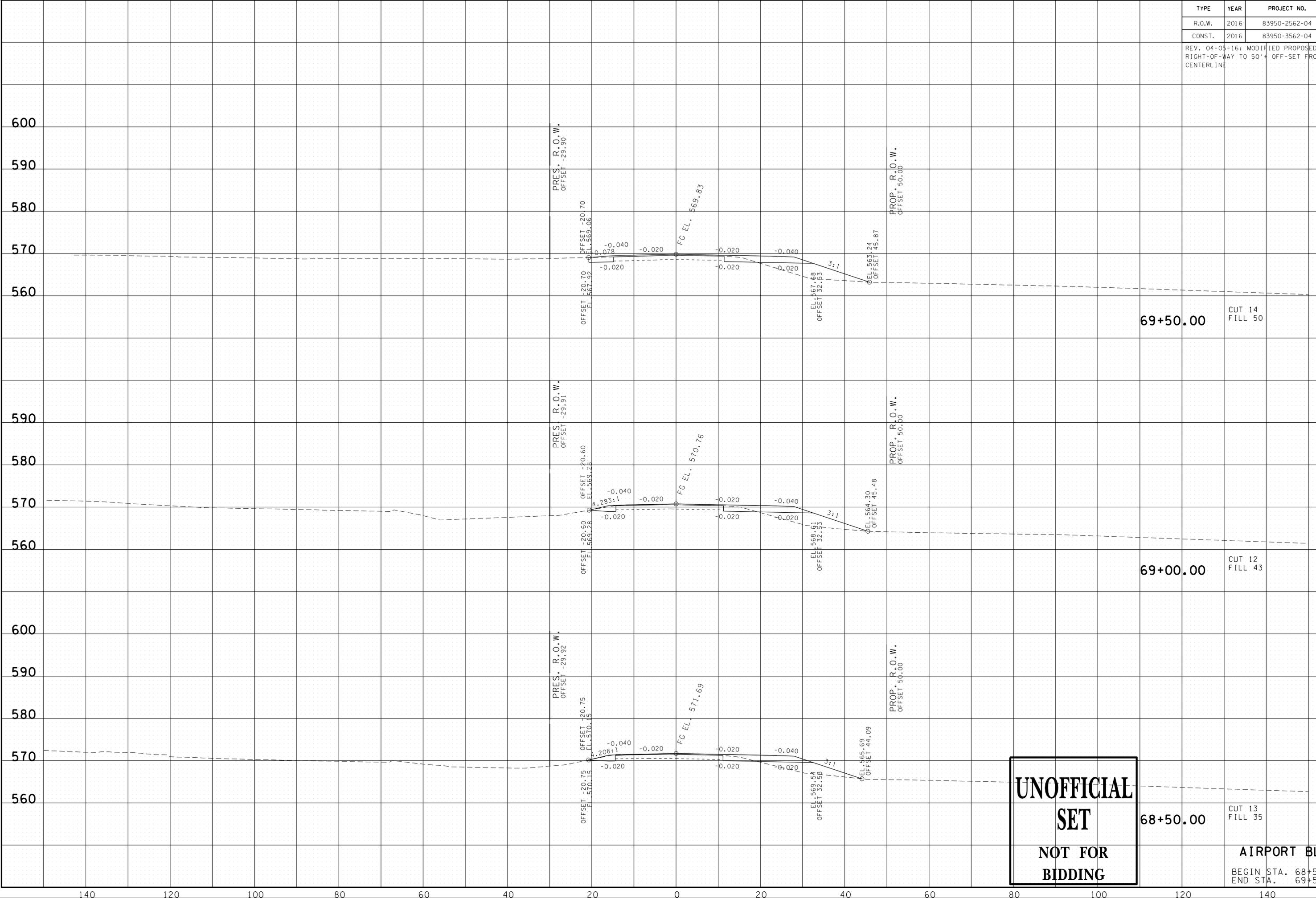
UNOFFICIAL SET
NOT FOR BIDDING

AIRPORT BLVD.
BEGIN STA. 67+00.00
END STA. 68+00.00

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\SU999-00\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	30
CONST.	2016	83950-3562-04	36

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



**UNOFFICIAL
SET
NOT FOR
BIDDING**

69+50.00 CUT 14 FILL 50

69+00.00 CUT 12 FILL 43

68+50.00 CUT 13 FILL 35

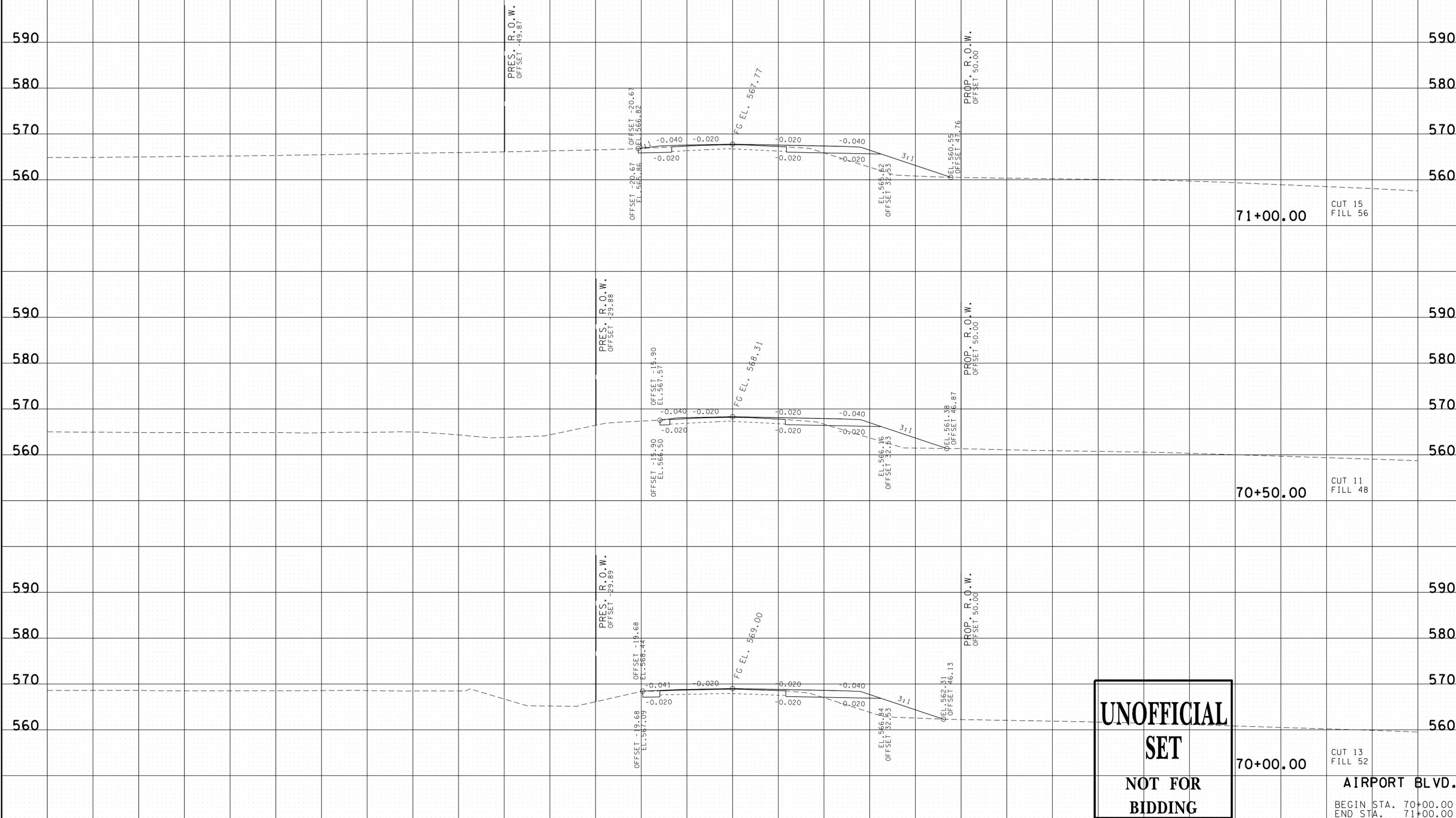
AIRPORT BLVD.

BEGIN STA. 68+50.00
END STA. 69+50.00

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00 Summer Co.SIA Serv'ing ABC\U999-00\mainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	31
CONST.	2016	83950-3562-04	37

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE



71+00.00 CUT 15 FILL 56

70+50.00 CUT 11 FILL 48

70+00.00 CUT 13 FILL 52

**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.

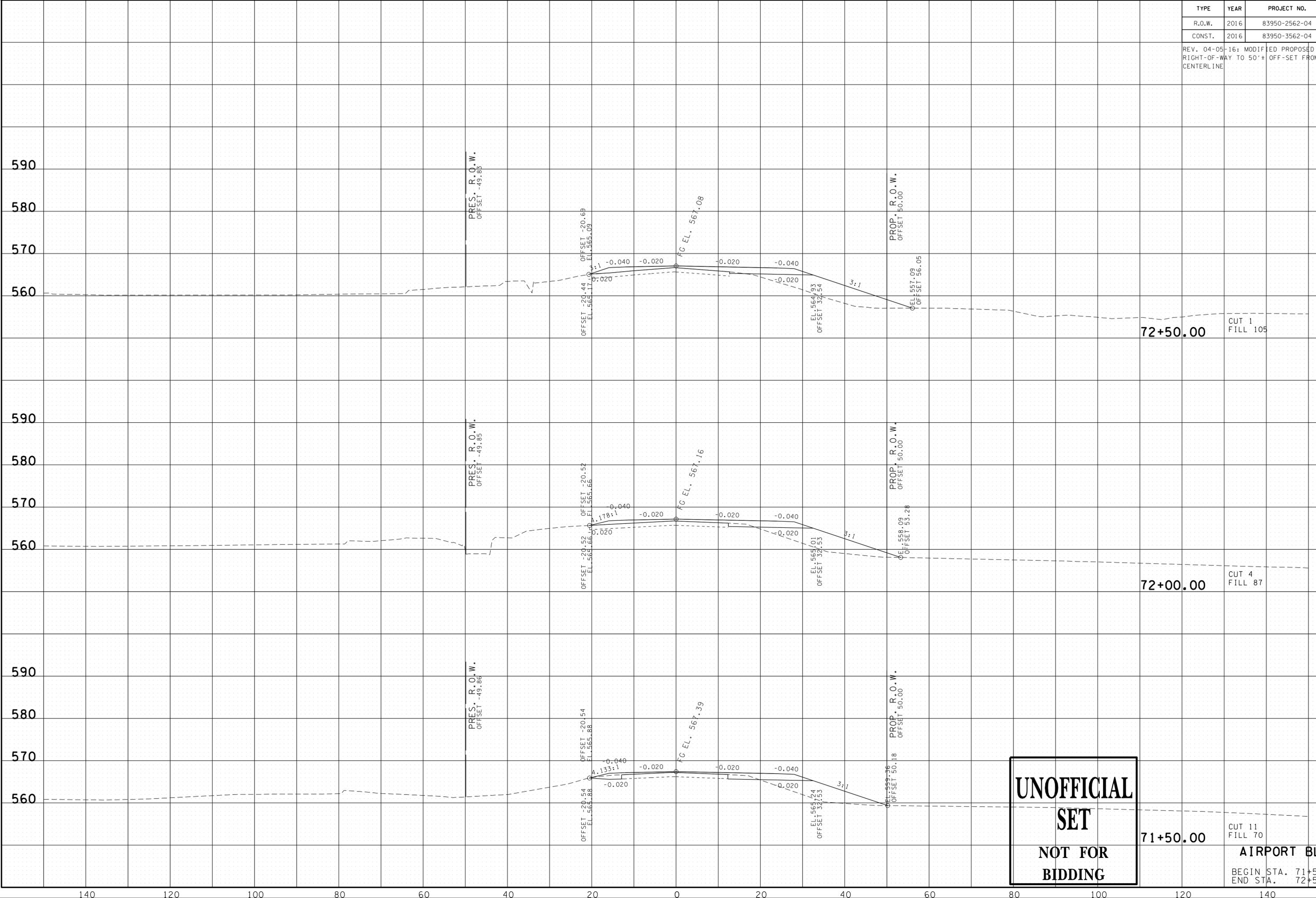
BEGIN STA. 70+00.00
END STA. 71+00.00

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN 119592.00 Summer Co. SIA Serv'ing ABC\U999-10\MainlineXSSheets - Merged.sht

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	32
CONST.	2016	83950-3562-04	38

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



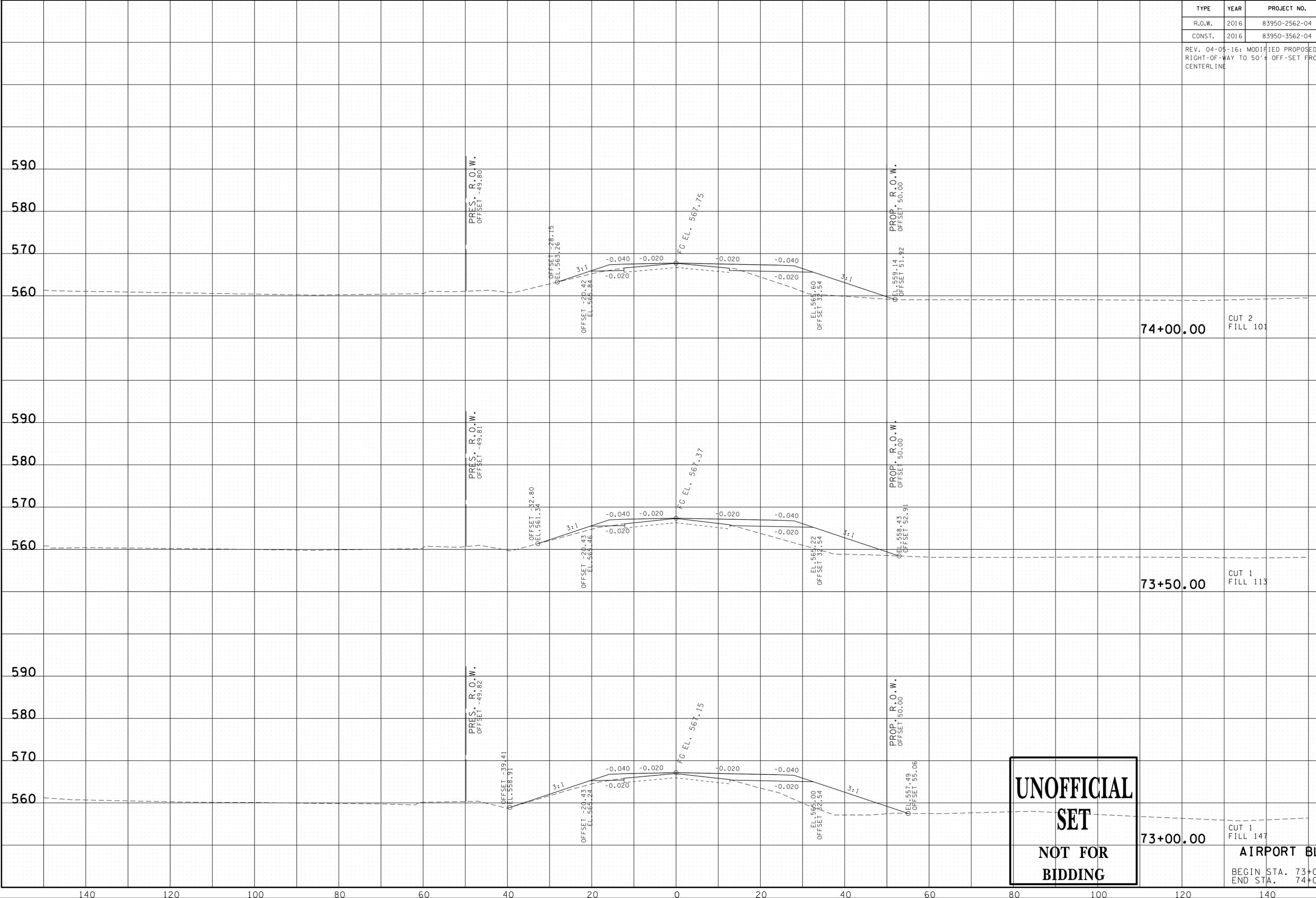
**UNOFFICIAL
SET
NOT FOR
BIDDING**

71+50.00 CUT 11 FILL 70
72+00.00 CUT 4 FILL 87
72+50.00 CUT 1 FILL 105
AIRPORT BLVD.
BEGIN STA. 71+50.00
END STA. 72+50.00

23-SEP-2016 11:36
\\J03WF01\dot.state.tn.us\3\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	33
CONST.	2016	83950-3562-04	39

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



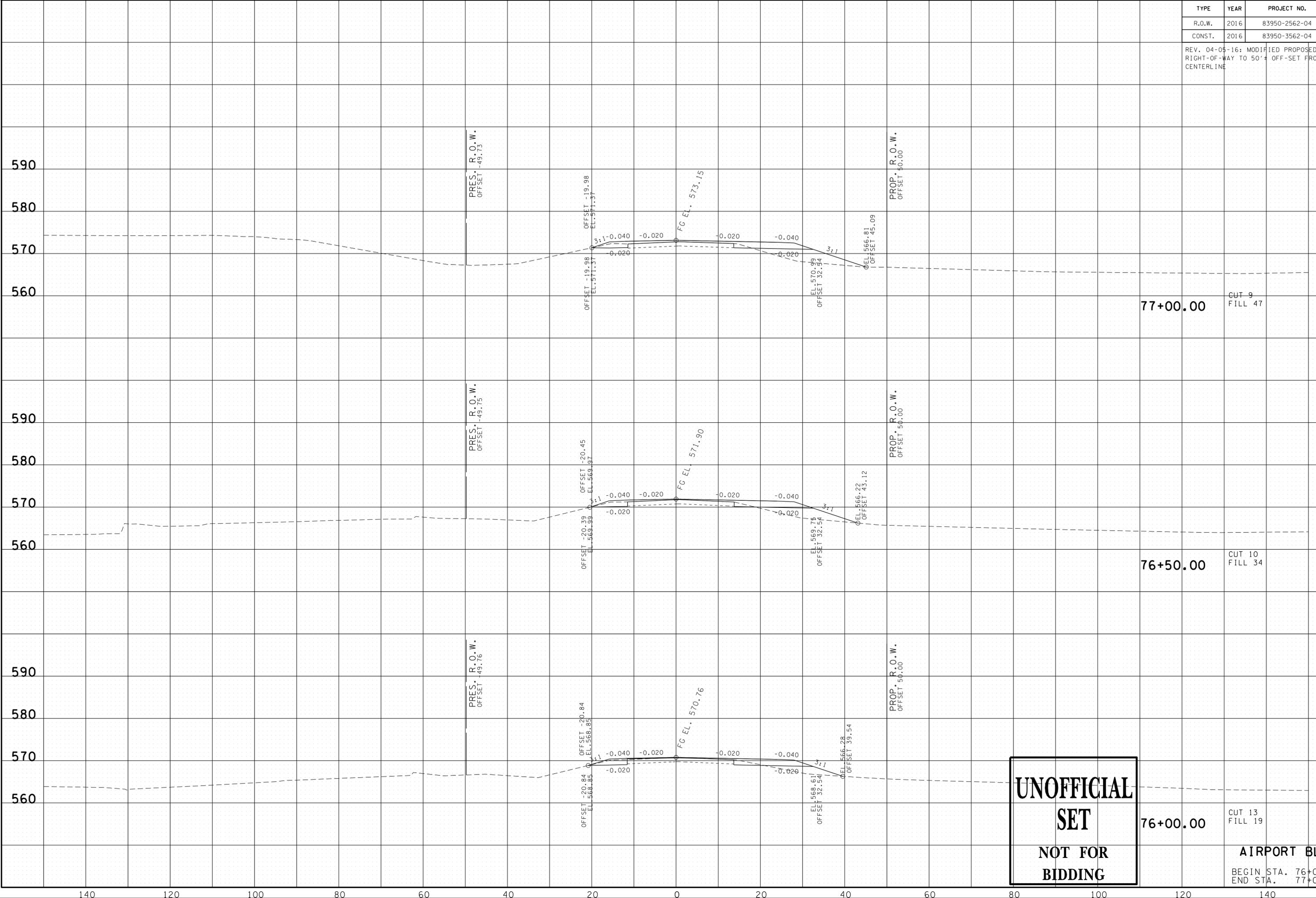
**UNOFFICIAL
SET
NOT FOR
BIDDING**

73+00.00 CUT 1 FILL 147
 73+50.00 CUT 1 FILL 113
 74+00.00 CUT 2 FILL 101
AIRPORT BLVD.
 BEGIN STA. 73+00.00
 END STA. 74+00.00

23-SEP-2016 11:36
 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co. SIA_Serving ABC\SU999-10\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	35
CONST.	2016	83950-3562-04	41

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE



**UNOFFICIAL
SET
NOT FOR
BIDDING**

76+00.00 CUT 13 FILL 19

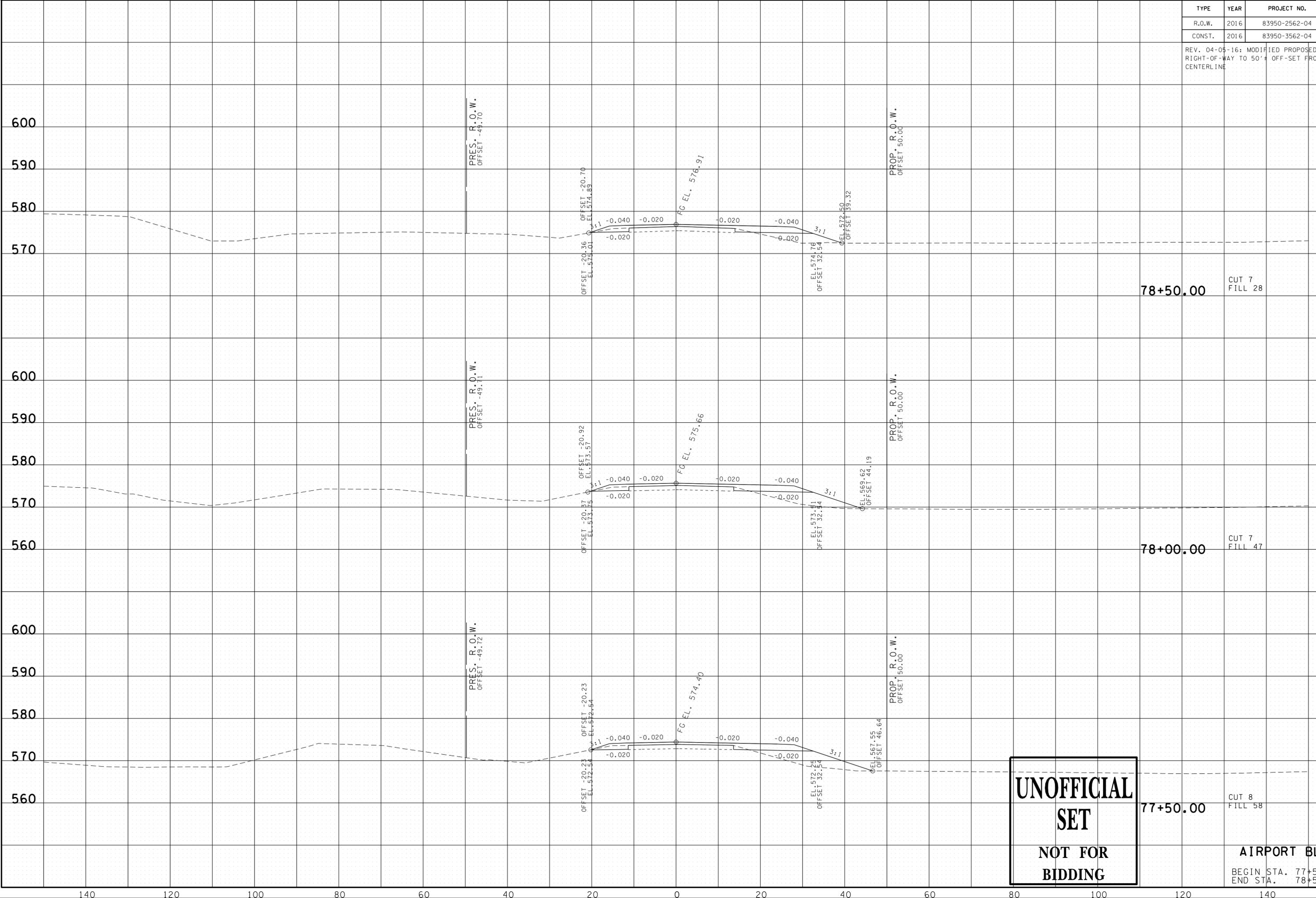
AIRPORT BLVD.

BEGIN STA. 76+00.00
END STA. 77+00.00

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\SU999-10\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	36
CONST.	2016	83950-3562-04	42

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE



**UNOFFICIAL
SET
NOT FOR
BIDDING**

78+50.00

CUT 7
FILL 28

78+00.00

CUT 7
FILL 47

77+50.00

CUT 8
FILL 58

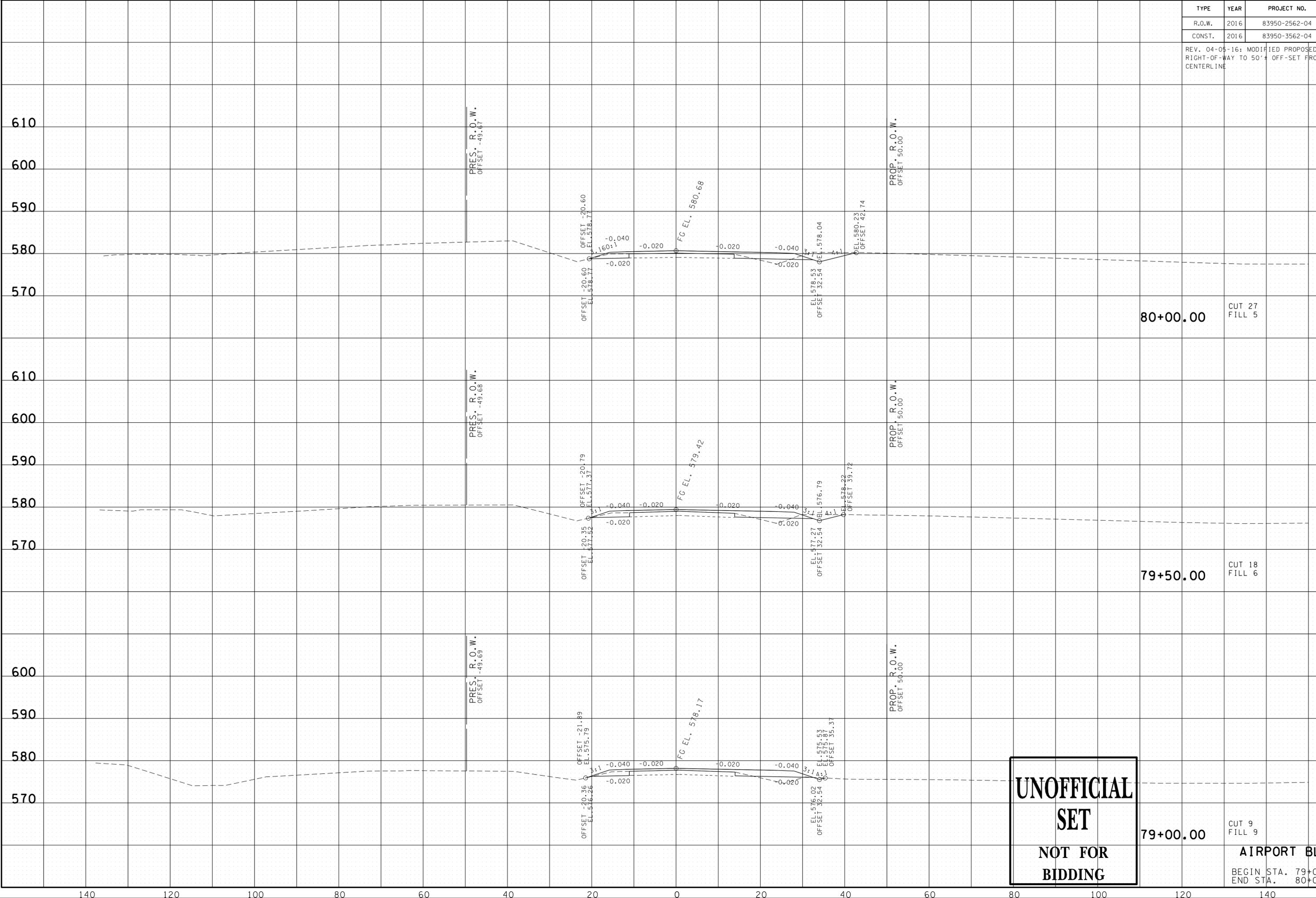
AIRPORT BLVD.

BEGIN STA. 77+50.00
END STA. 78+50.00

23-SEP-2016 11:36
\\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-0\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	37
CONST.	2016	83950-3562-04	43

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFFSET FROM CENTERLINE



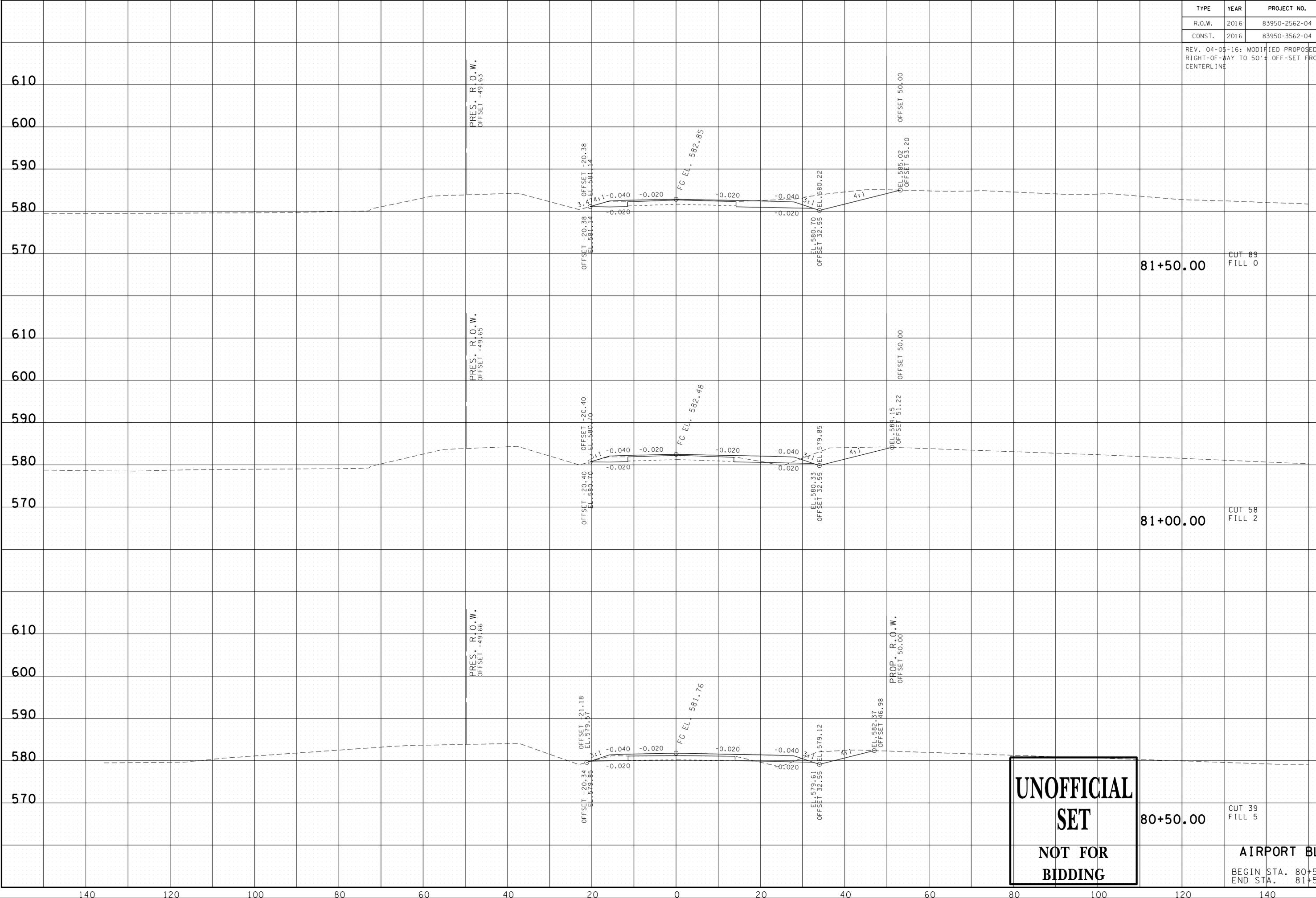
**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.
BEGIN STA. 79+00.00
END STA. 80+00.00

23-SEP-2016 11:36
\\J03WF01\dot.state.tn.us\03\shared\SURVEY\DESIGN\PIN_119592.00_Summer Co. SIA_Serving ABC\U999-10\mainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	38
CONST.	2016	83950-3562-04	44

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



**UNOFFICIAL
SET
NOT FOR
BIDDING**

80+50.00

CUT 39
FILL 5

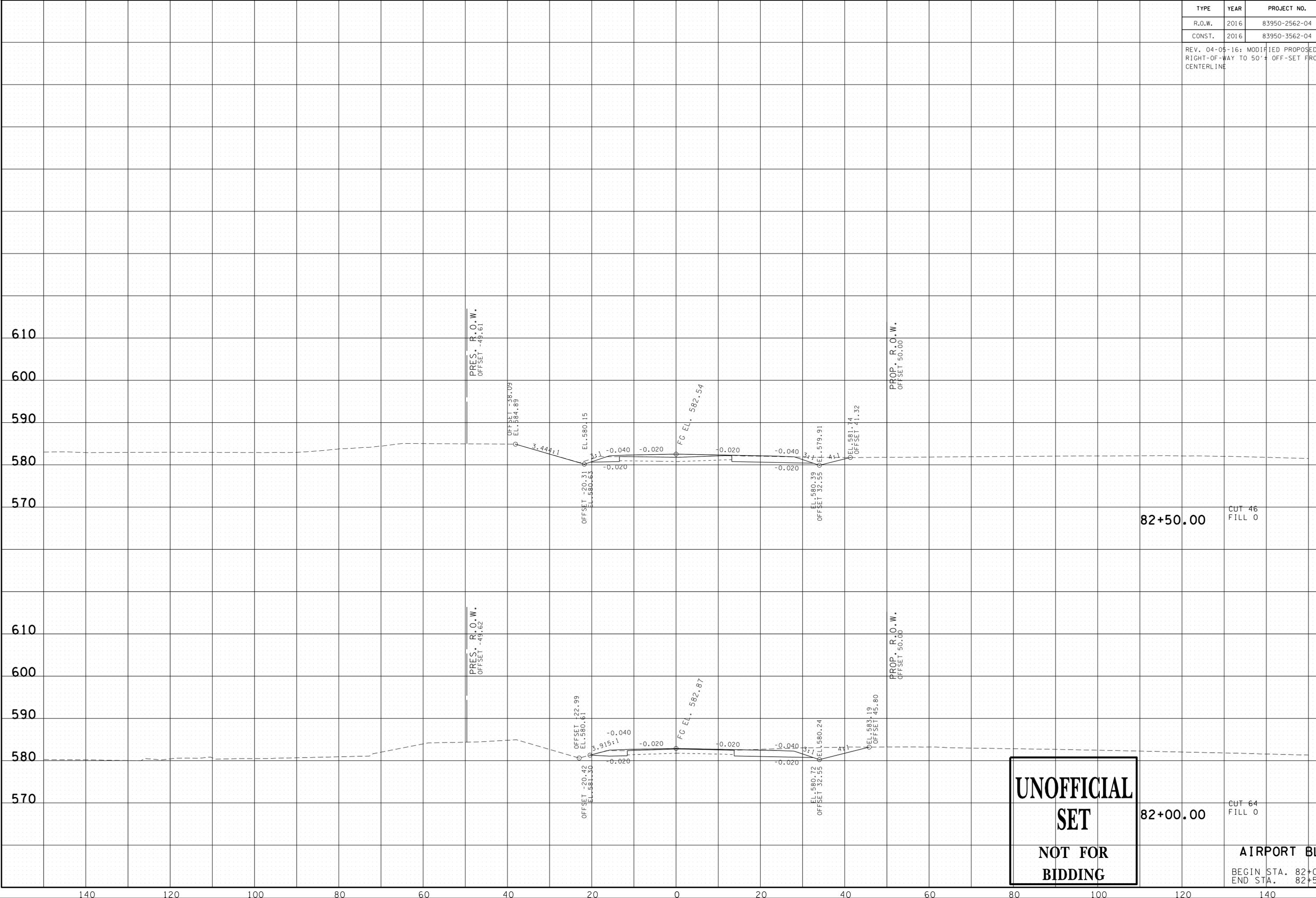
AIRPORT BLVD.

BEGIN STA. 80+50.00
END STA. 81+50.00

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serv\ing ABC\SU999-10\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	39
CONST.	2016	83950-3562-04	45

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE



82+50.00 CUT 46 FILL 0

82+00.00 CUT 64 FILL 0

**UNOFFICIAL
SET
NOT FOR
BIDDING**

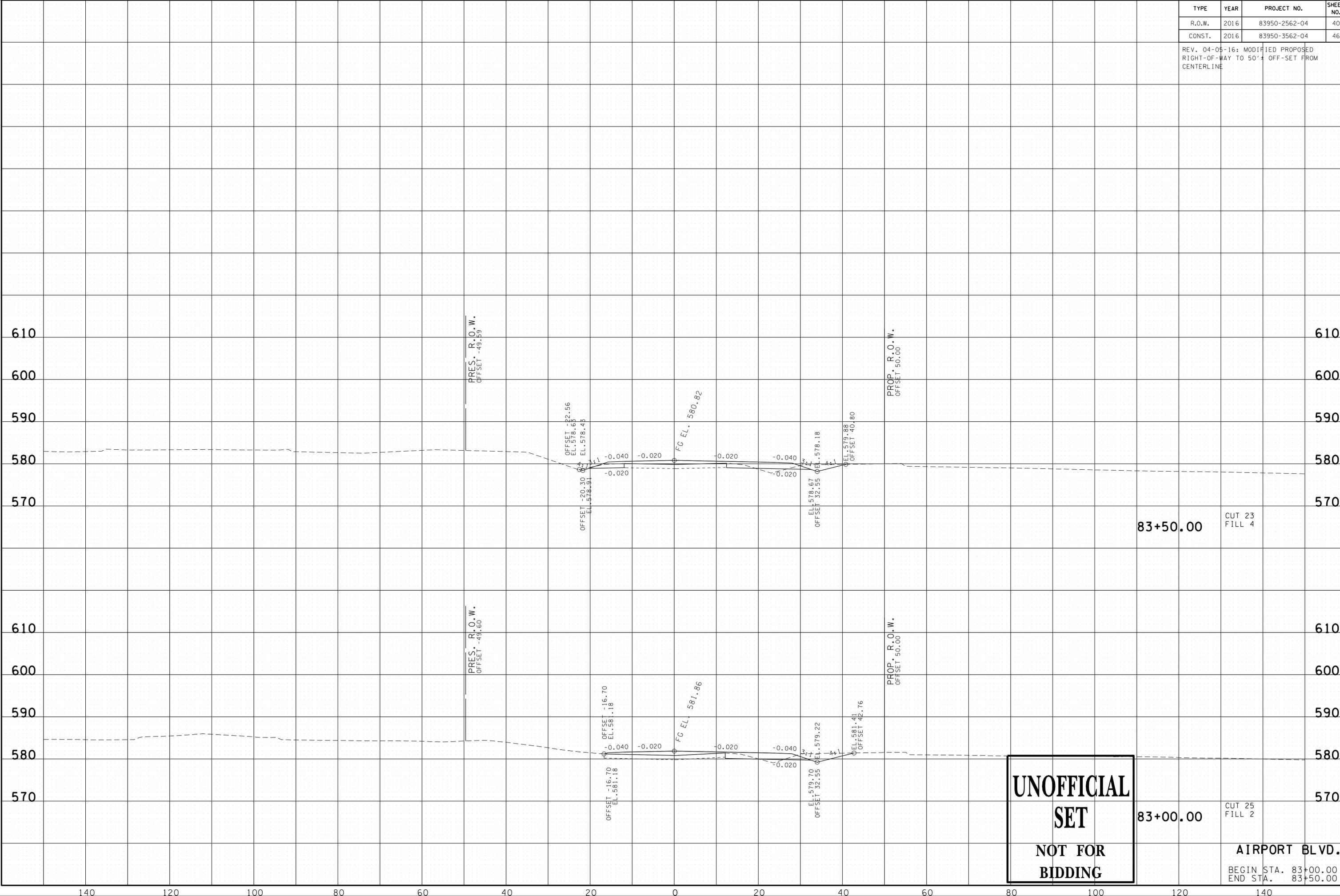
AIRPORT BLVD.
BEGIN STA. 82+00.00
END STA. 82+50.00

23-SEP-2016 11:36 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	40
CONST.	2016	83950-3562-04	46

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht

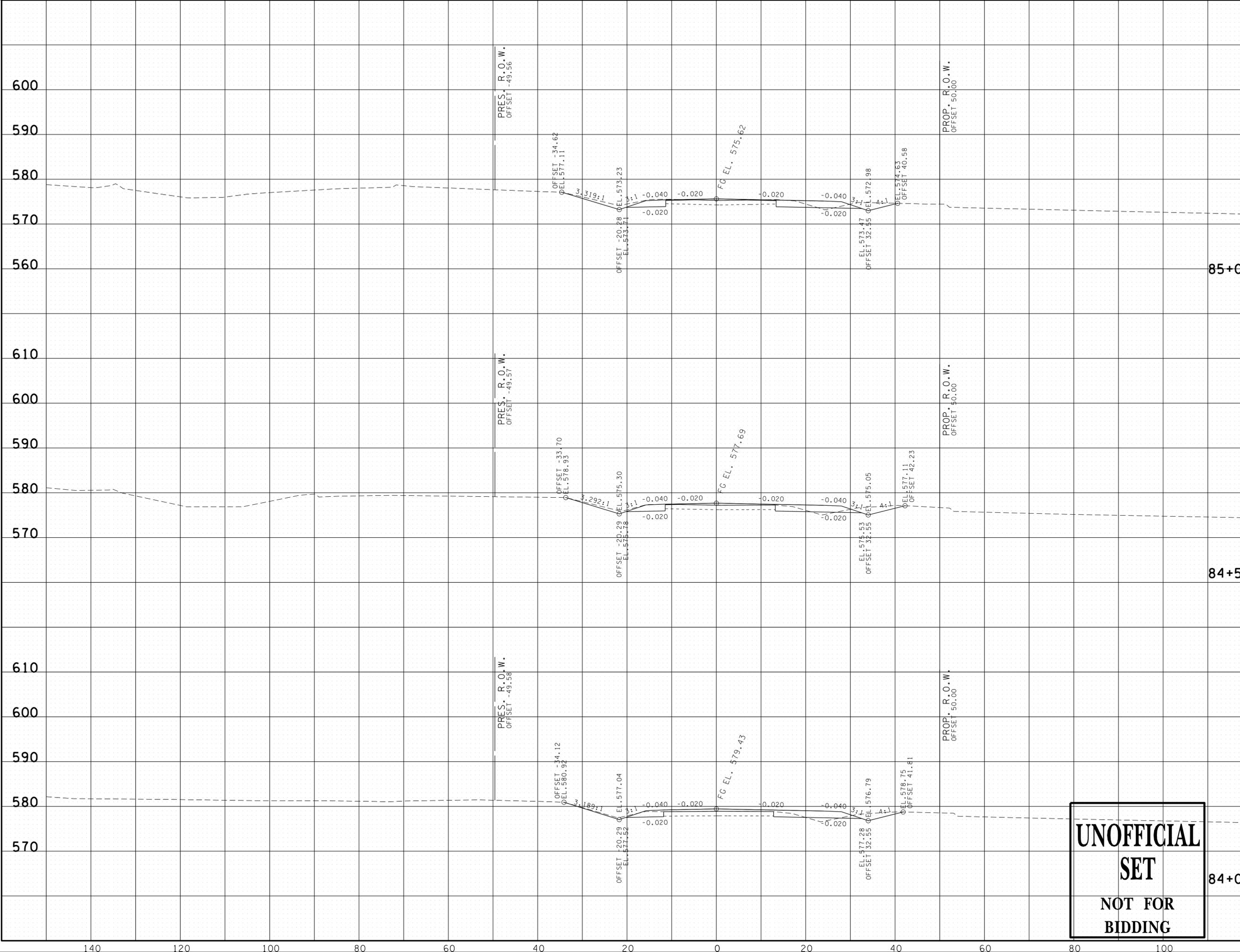


**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.
 BEGIN STA. 83+00.00
 END STA. 83+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	41
CONST.	2016	83950-3562-04	47

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE



**UNOFFICIAL
SET
NOT FOR
BIDDING**

85+00.00 CUT 44 FILL 1

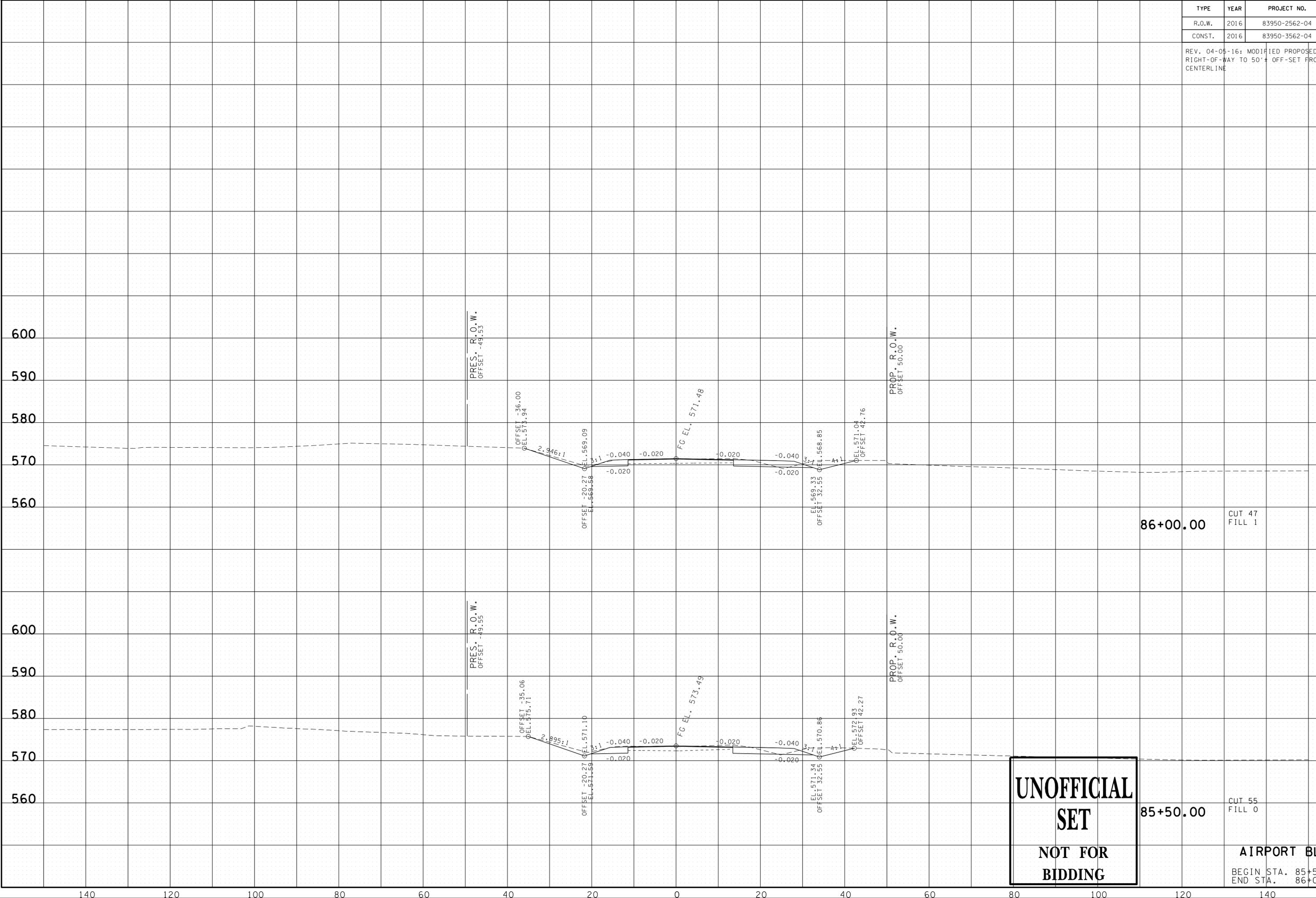
84+50.00 CUT 36 FILL 2

84+00.00 CUT 27 FILL 4

AIRPORT BLVD.
BEGIN STA. 84+00.00
END STA. 85+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	42
CONST.	2016	83950-3562-04	48

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE



**UNOFFICIAL
SET
NOT FOR
BIDDING**

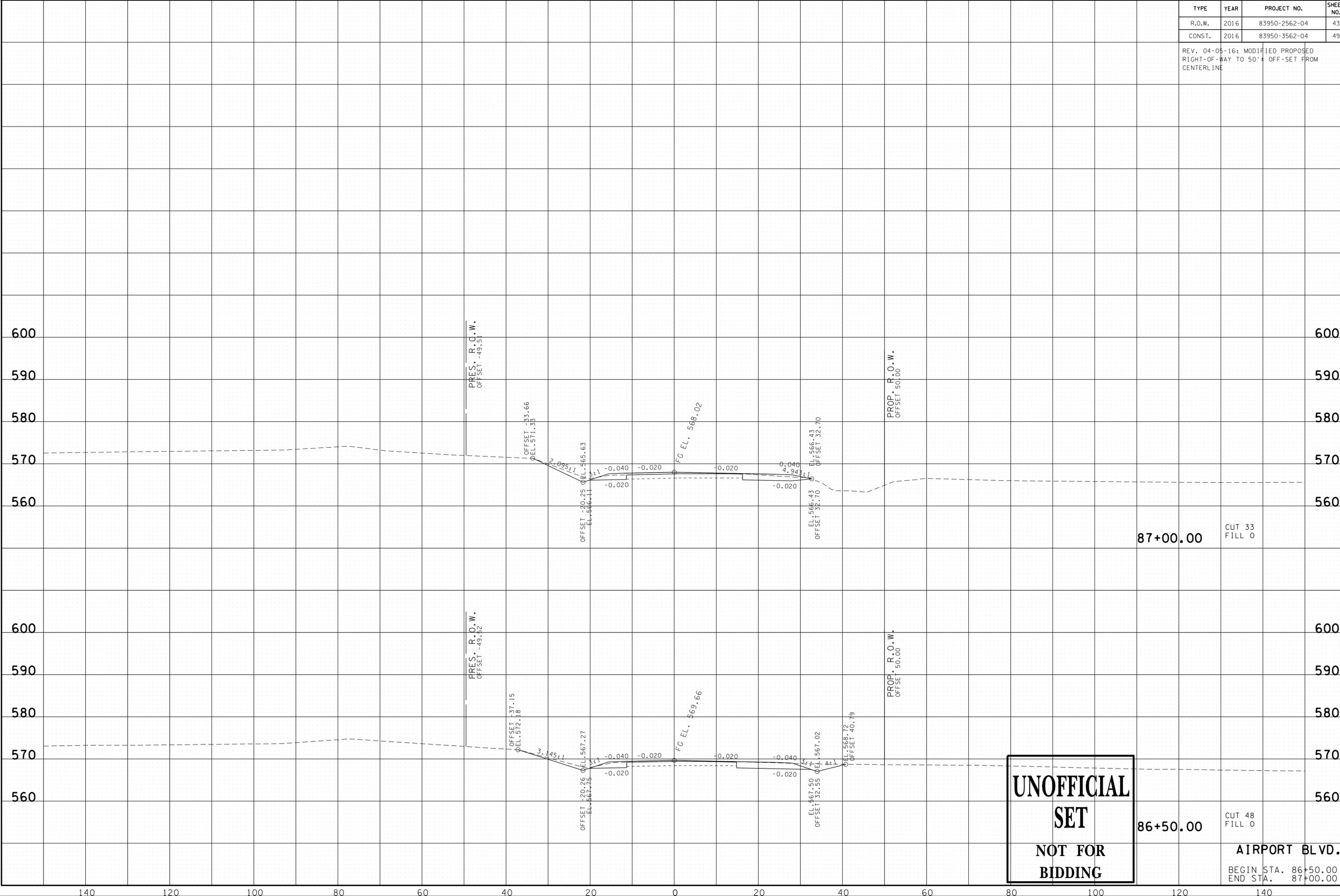
AIRPORT BLVD.
BEGIN STA. 85+50.00
END STA. 86+00.00

23-SEP-2016 11:36
\\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer_Co_SIA_Serving_ABC\U999-0\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	43
CONST.	2016	83950-3562-04	49

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFFSET FROM CENTERLINE

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00 Summer Co.SIA Serv'ing ABC\U999-0\MainlineXSSheets - Merged.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

87+00.00
CUT 33
FILL 0

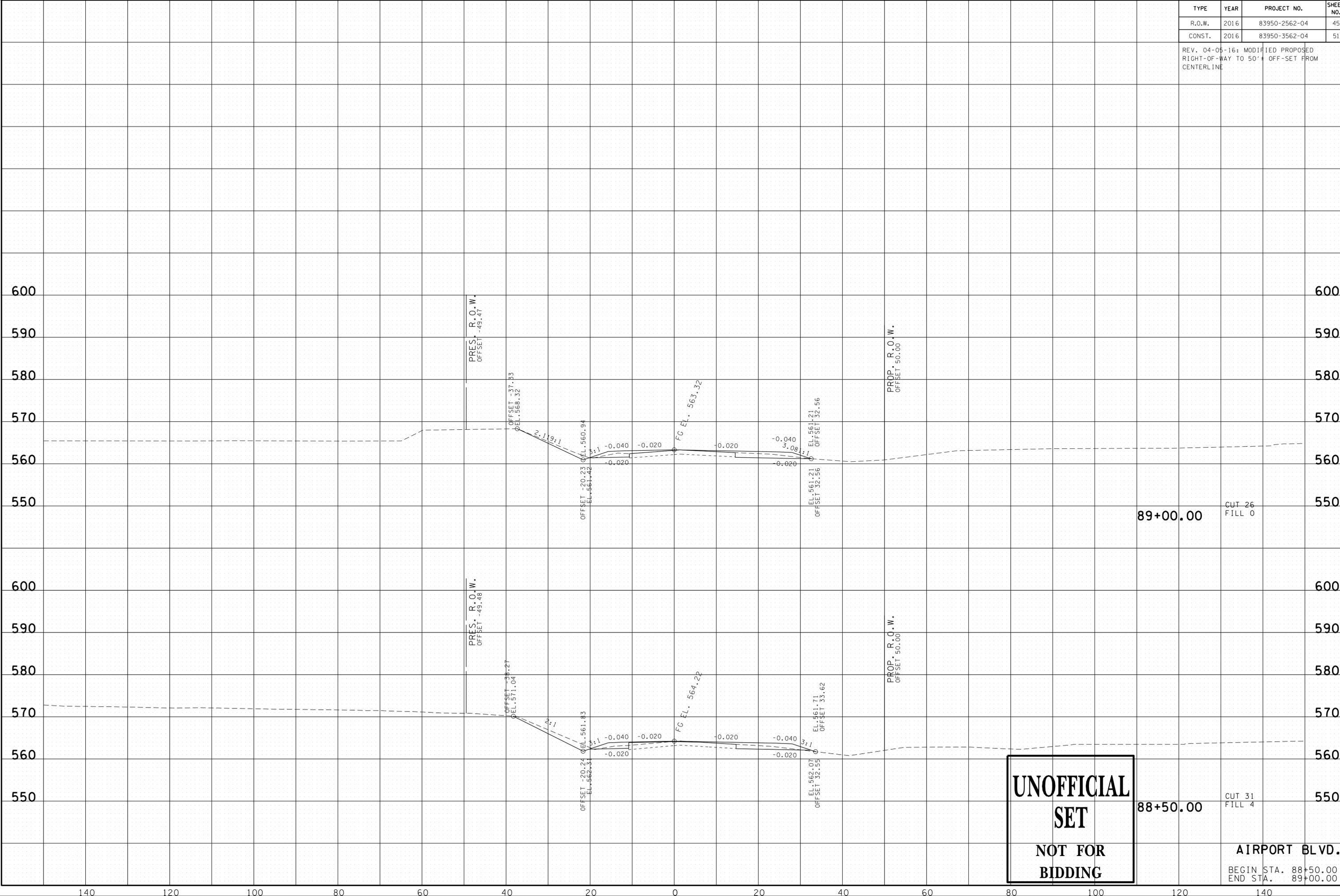
86+50.00
CUT 48
FILL 0

AIRPORT BLVD.
BEGIN STA. 86+50.00
END STA. 87+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	45
CONST.	2016	83950-3562-04	51

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE

23-SEP-2016 11:36 \\J03\WF01\dot.state.fn.us\3\Shared\SURVEY\DESIGN\PIN_119592.00 Summer Co.SIA Servng ABC\U999-10\mainlineXSSheets - Merged.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

88+50.00 CUT 31 FILL 4

89+00.00 CUT 26 FILL 0

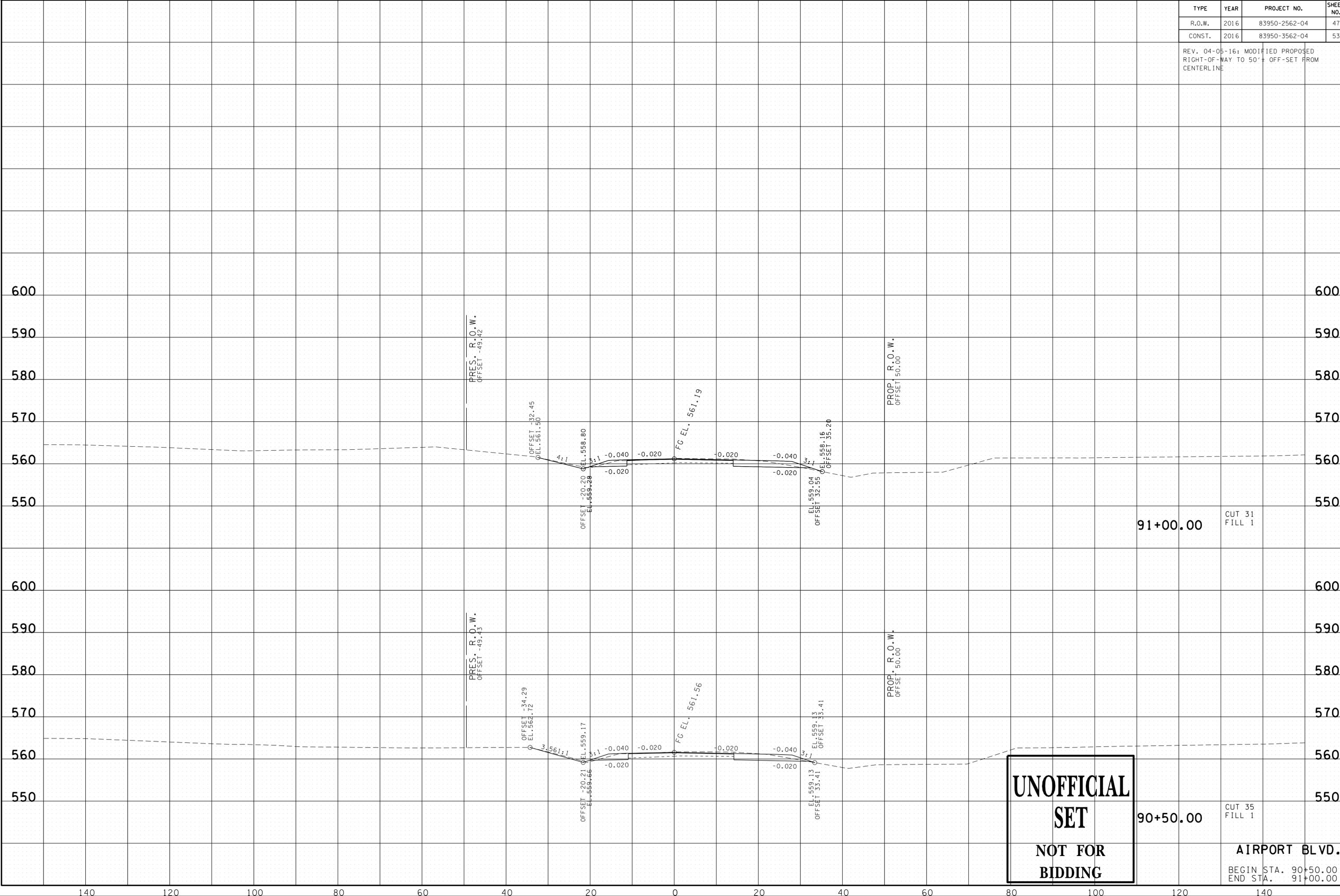
AIRPORT BLVD.

BEGIN STA. 88+50.00
END STA. 89+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	47
CONST.	2016	83950-3562-04	53

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00 Summer Co.SIA Servng ABC\U999-10\MainlineXSSheets - Merged.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

90+50.00 CUT 35 FILL 1

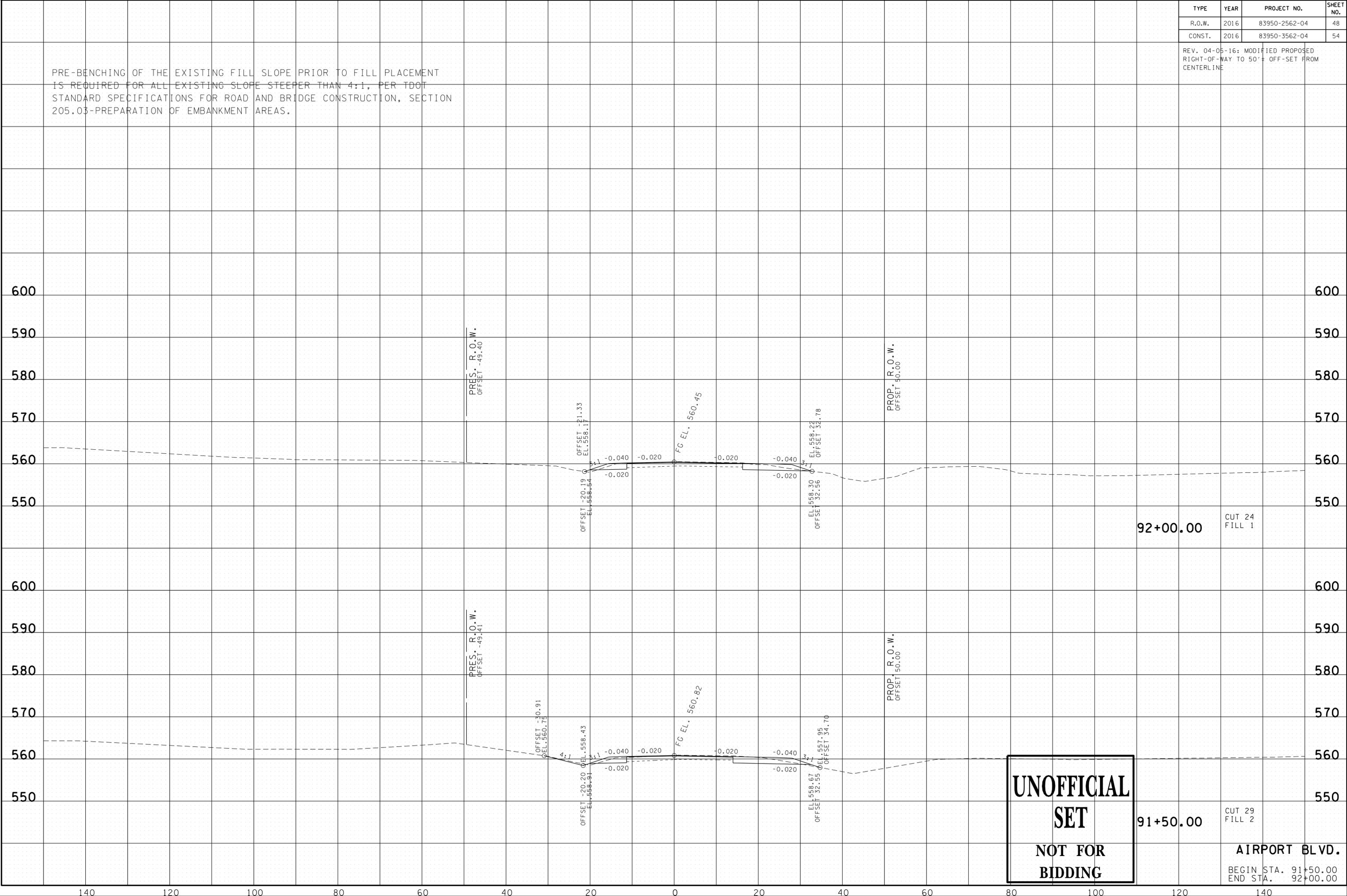
AIRPORT BLVD.

BEGIN STA. 90+50.00
END STA. 91+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	48
CONST.	2016	83950-3562-04	54

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE

PRE-BENCHING OF THE EXISTING FILL SLOPE PRIOR TO FILL PLACEMENT IS REQUIRED FOR ALL EXISTING SLOPE STEEPER THAN 4:1, PER TDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 205.03-PREPARATION OF EMBANKMENT AREAS.



**UNOFFICIAL
SET
NOT FOR
BIDDING**

92+00.00

CUT 24
FILL 1

91+50.00

CUT 29
FILL 2

AIRPORT BLVD.

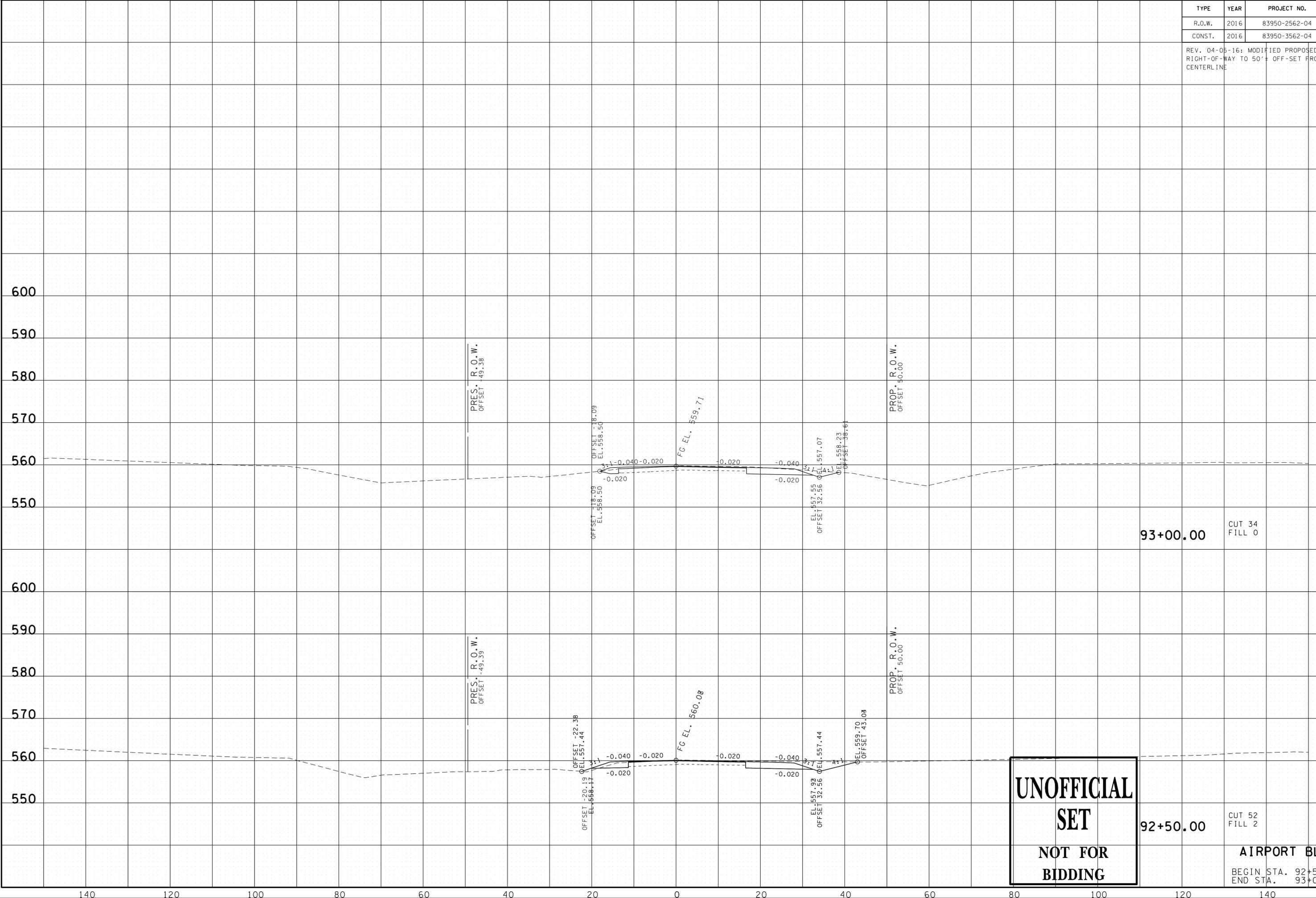
BEGIN STA. 91+50.00
END STA. 92+00.00

23-SEP-2016 11:36
\\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-0\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	49
CONST.	2016	83950-3562-04	55

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht



93+00.00 CUT 34 FILL 0

92+50.00 CUT 52 FILL 2

**UNOFFICIAL
SET
NOT FOR
BIDDING**

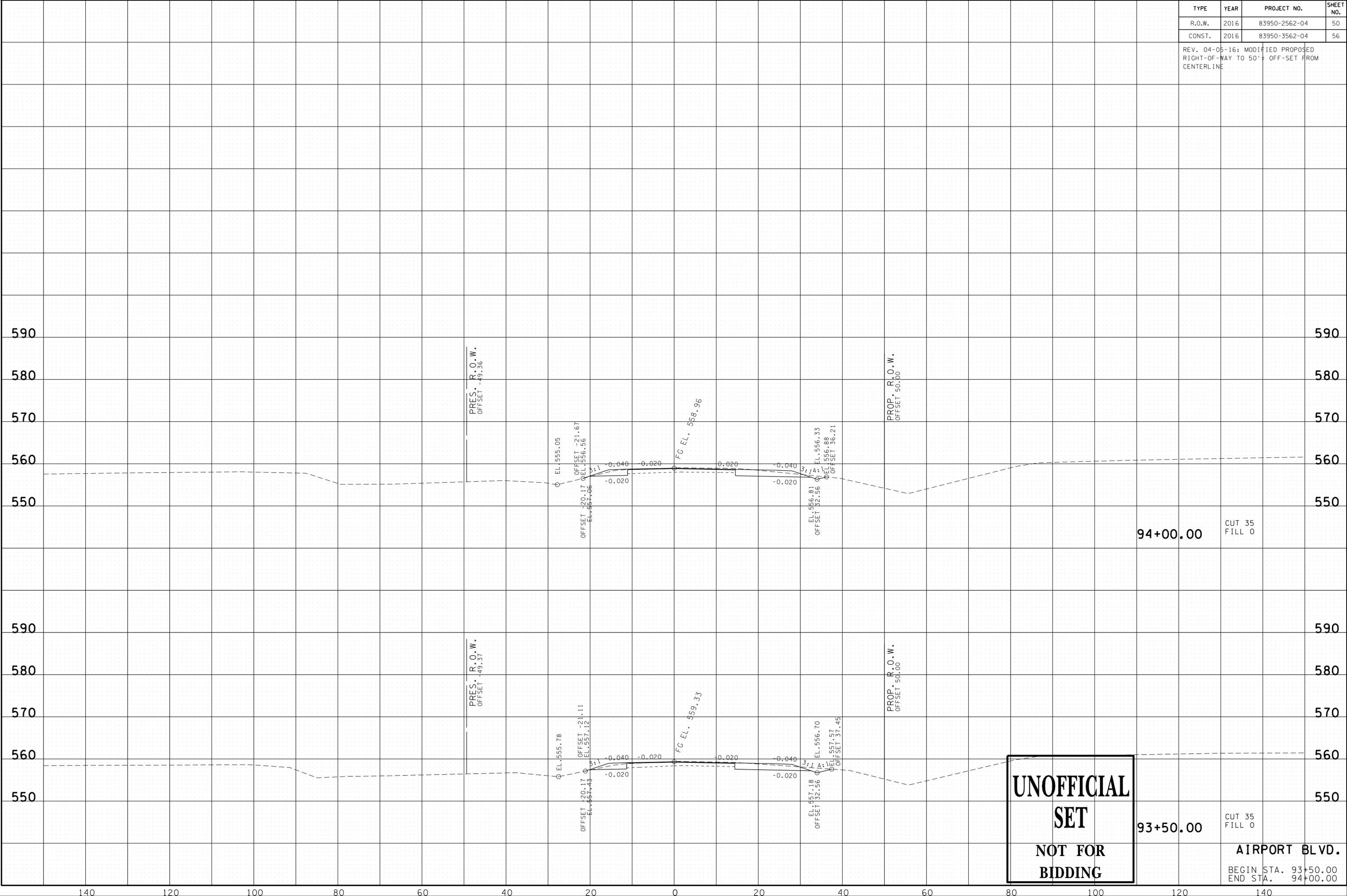
AIRPORT BLVD.
BEGIN STA. 92+50.00
END STA. 93+00.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	50
CONST.	2016	83950-3562-04	56

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-00\MainlineXSSheets - Merged.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

94+00.00

CUT 35
FILL 0

93+50.00

CUT 35
FILL 0

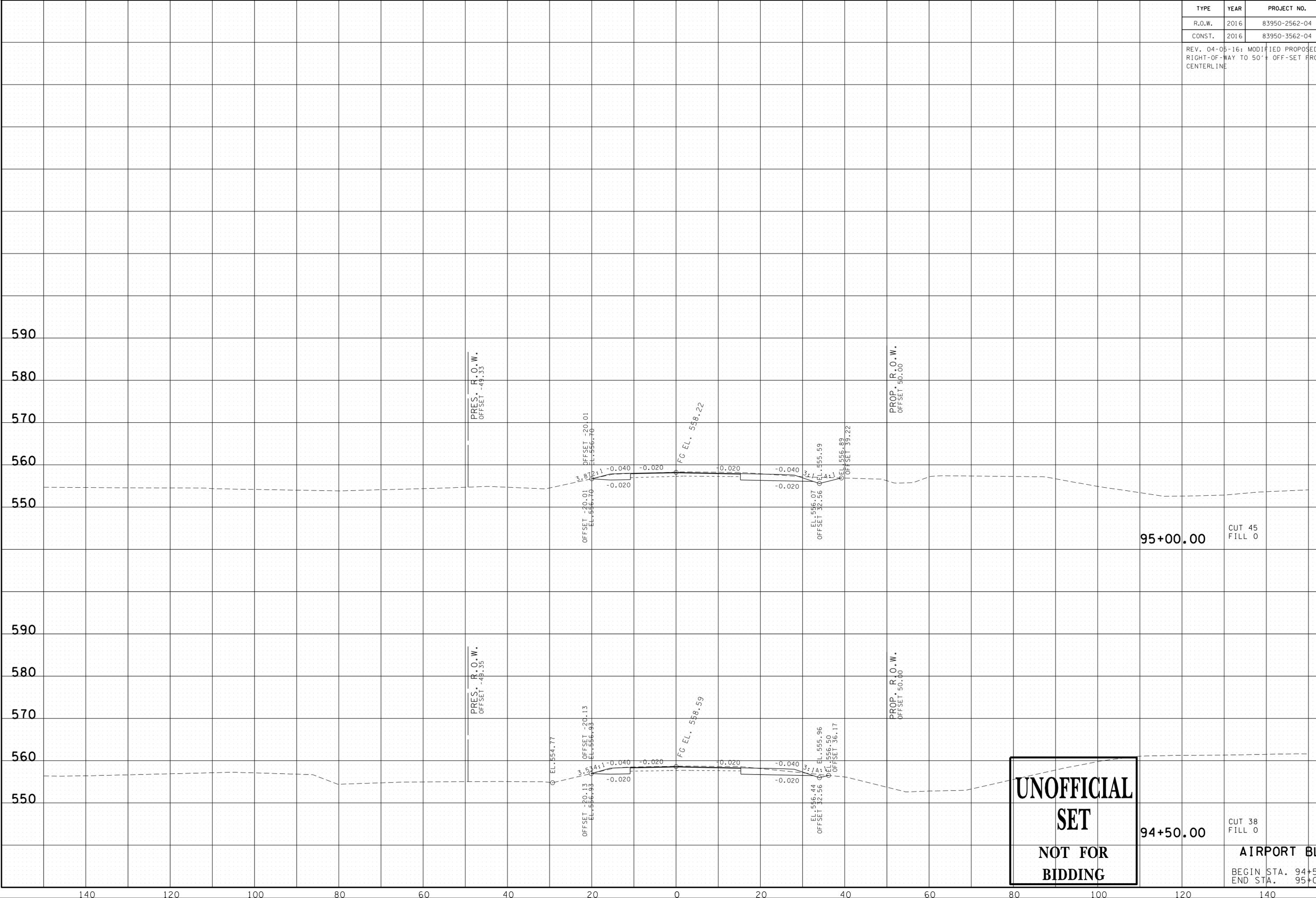
AIRPORT BLVD.

BEGIN STA. 93+50.00
END STA. 94+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	51
CONST.	2016	83950-3562-04	57

REV. 04-05-16; MODIFIED PROPOSED RIGHT-OF-WAY TO 50' ± OFF-SET FROM CENTERLINE

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\SU999-00\Mainline\SSheets - Merged.sht



95+00.00
CUT 45
FILL 0

94+50.00
CUT 38
FILL 0

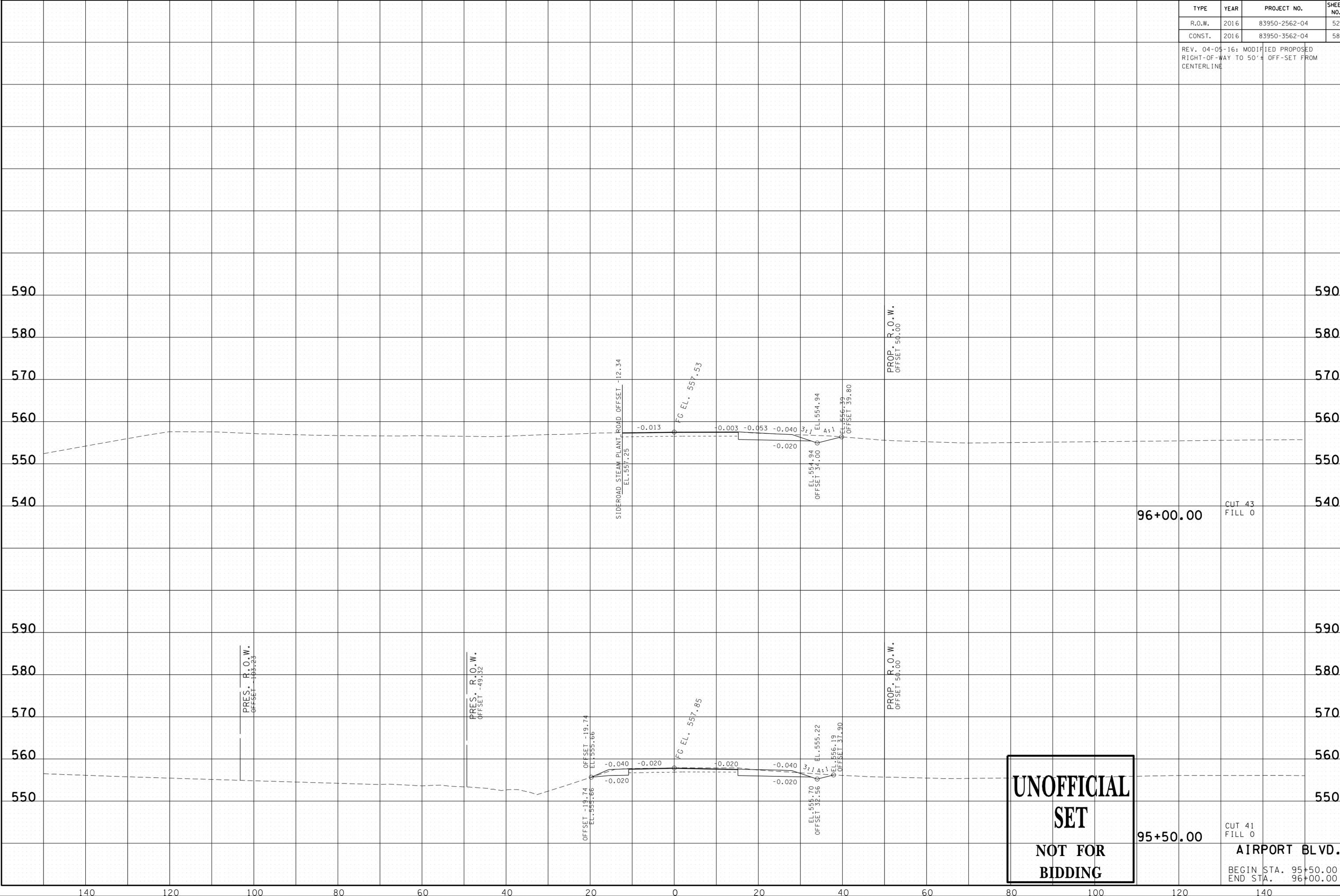
**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.
BEGIN STA. 94+50.00
END STA. 95+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	52
CONST.	2016	83950-3562-04	58

REV. 04-05-16: MODIFIED PROPOSED RIGHT-OF-WAY TO 50'± OFF-SET FROM CENTERLINE

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co. SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht

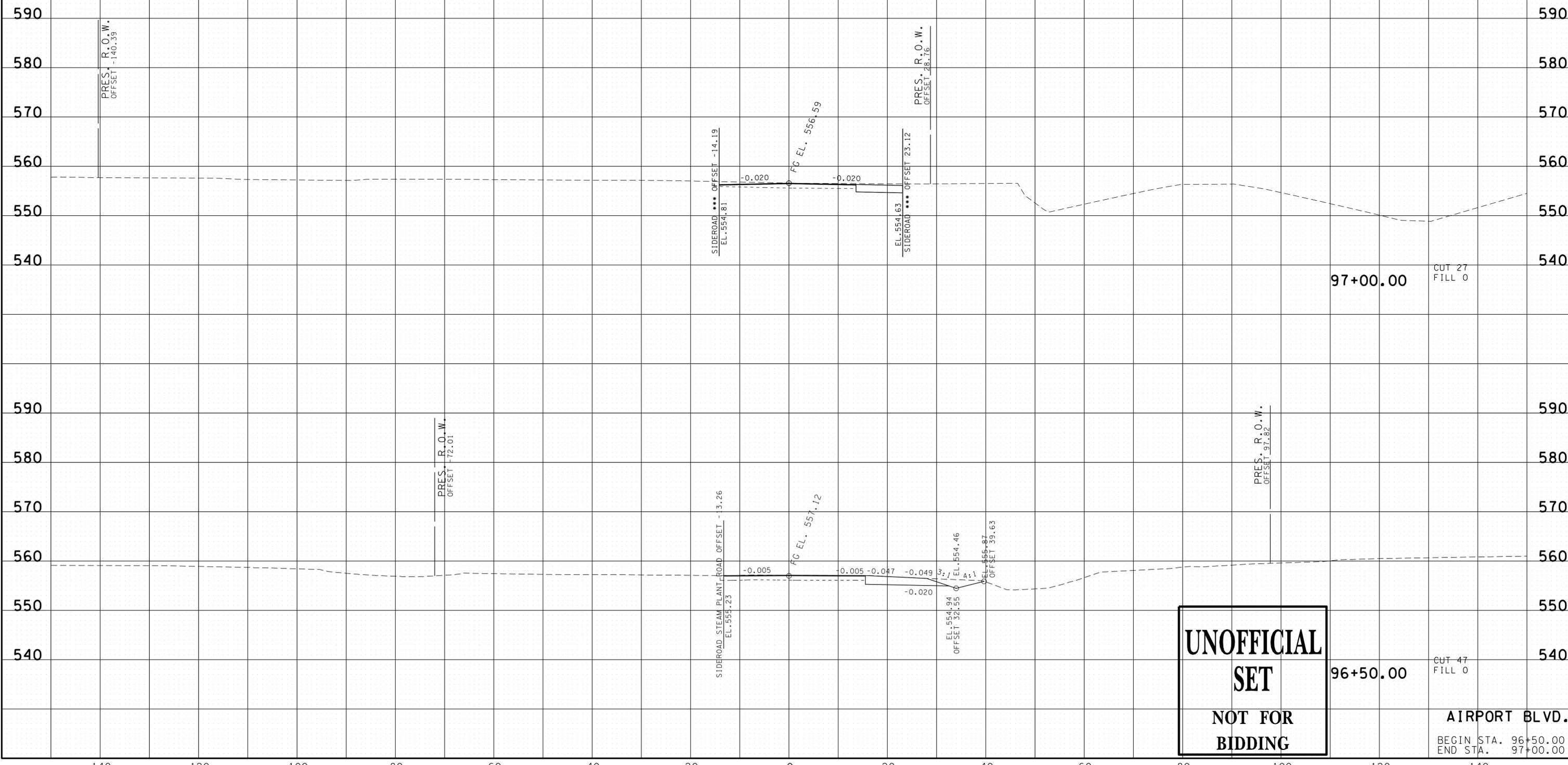


**UNOFFICIAL
SET
NOT FOR
BIDDING**

95+50.00 CUT 41
FILL 0
AIRPORT BLVD.
BEGIN STA. 95+50.00
END STA. 96+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	53
CONST.	2016	83950-3562-04	59

PRE-BENCHING OF THE EXISTING FILL SLOPE PRIOR TO FILL PLACEMENT IS REQUIRED FOR ALL EXISTING SLOPE STEEPER THAN 4:1, PER IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 205.03- PREPARATION OF EMBANKMENT AREAS.



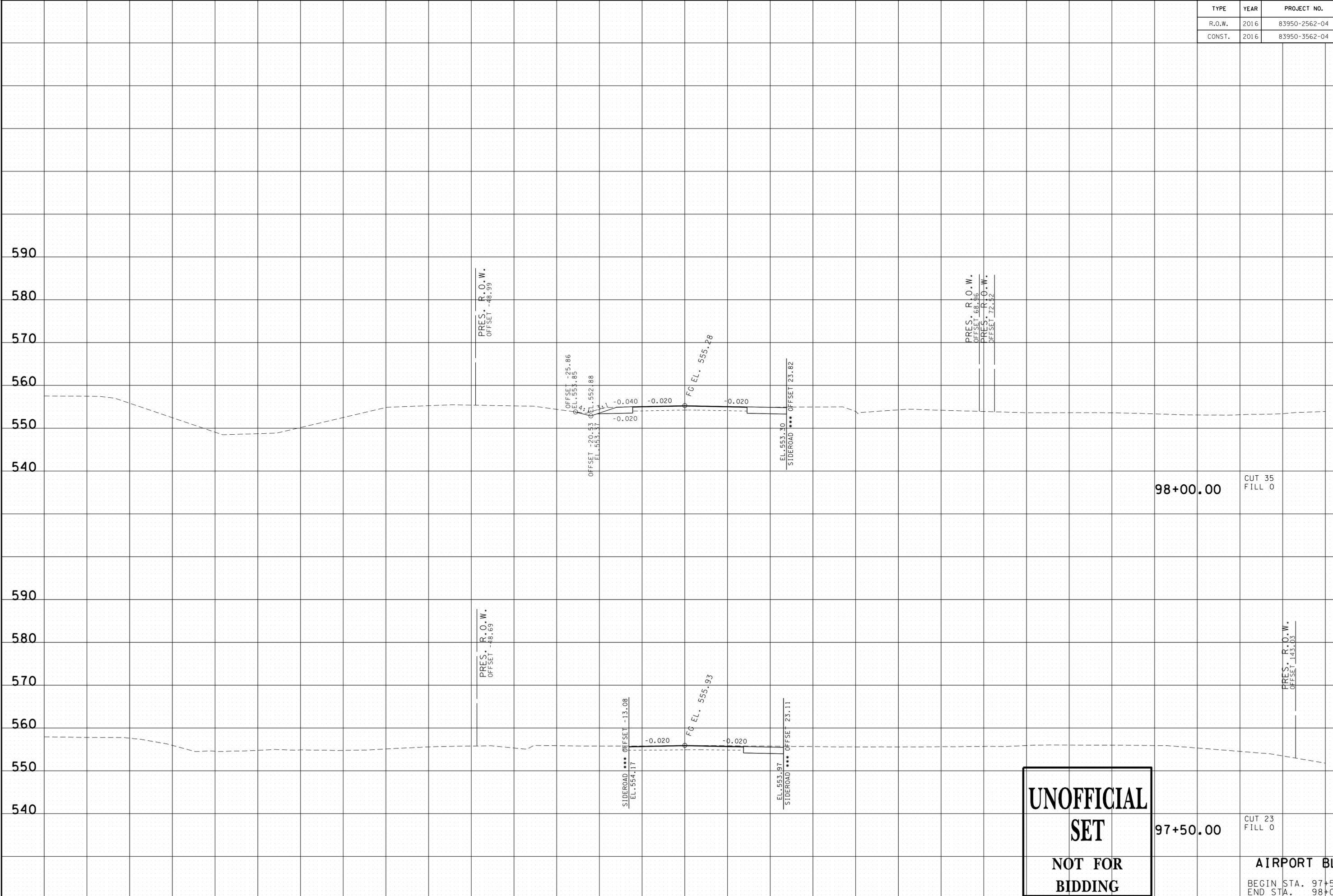
**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.
BEGIN STA. 96+50.00
END STA. 97+00.00

23-SEP-2016 11:36 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	54
CONST.	2016	83950-3562-04	60

23-SEP-2016 11:36
 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht



98+00.00

CUT 35
FILL 0

97+50.00

CUT 23
FILL 0

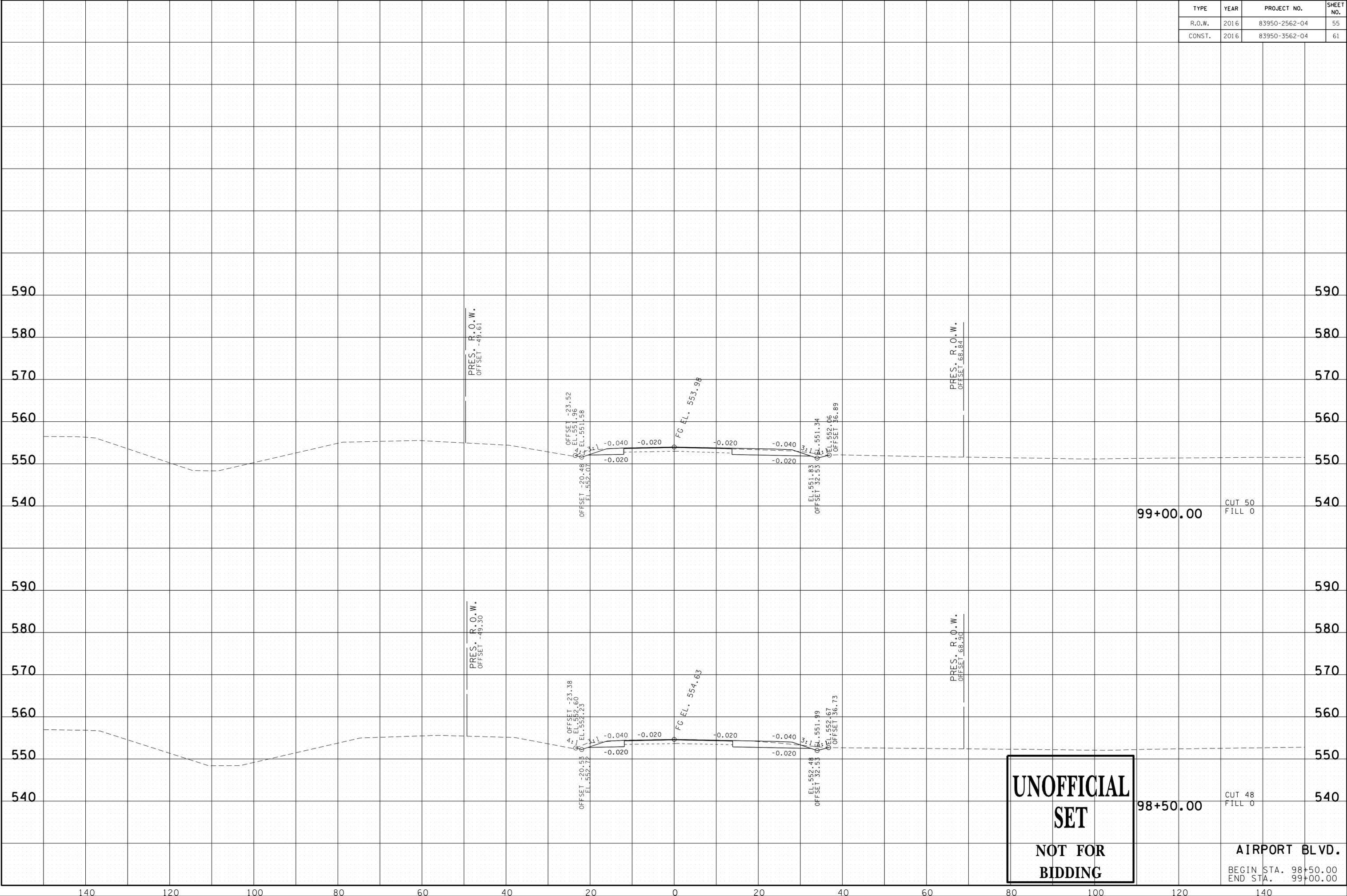
**UNOFFICIAL
SET
NOT FOR
BIDDING**

AIRPORT BLVD.

BEGIN STA. 97+50.00
END STA. 98+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	55
CONST.	2016	83950-3562-04	61

23-SEP-2016 11:36 \\J03WF01\dot.state.fn.us\3\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

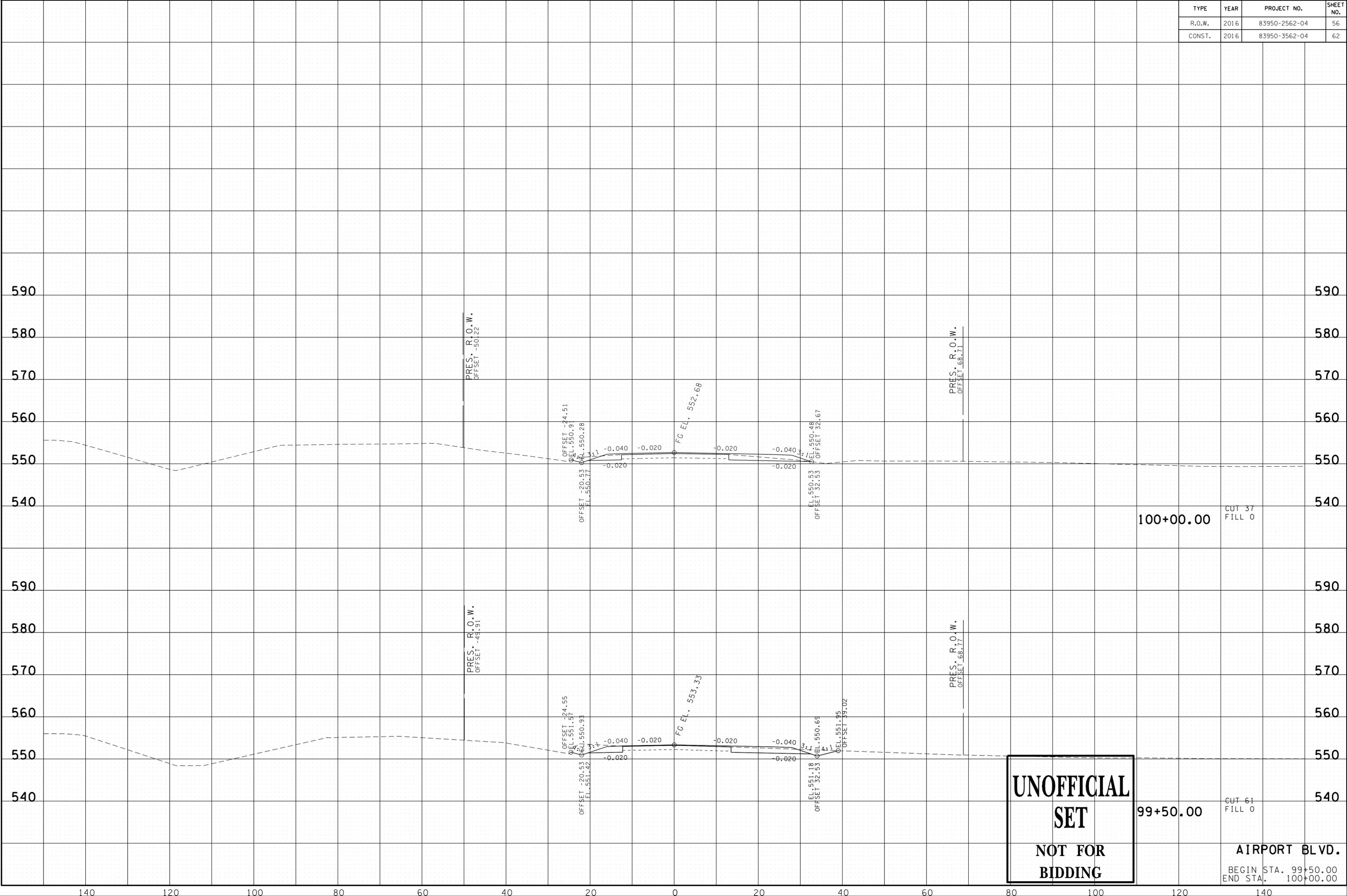
98+50.00 CUT 48 FILL 0

99+00.00 CUT 50 FILL 0

AIRPORT BLVD.
BEGIN STA. 98+50.00
END STA. 99+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	56
CONST.	2016	83950-3562-04	62

23-SEP-2016 11:36
 \\J03WF01\dot.state.tn.us\3\Shared\SURVEY\DESIGN\PIN 119592.00 Summer Co.SIA Serv'ng ABC\SU999-10\MainlineXSSheets - Merged.sht



**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

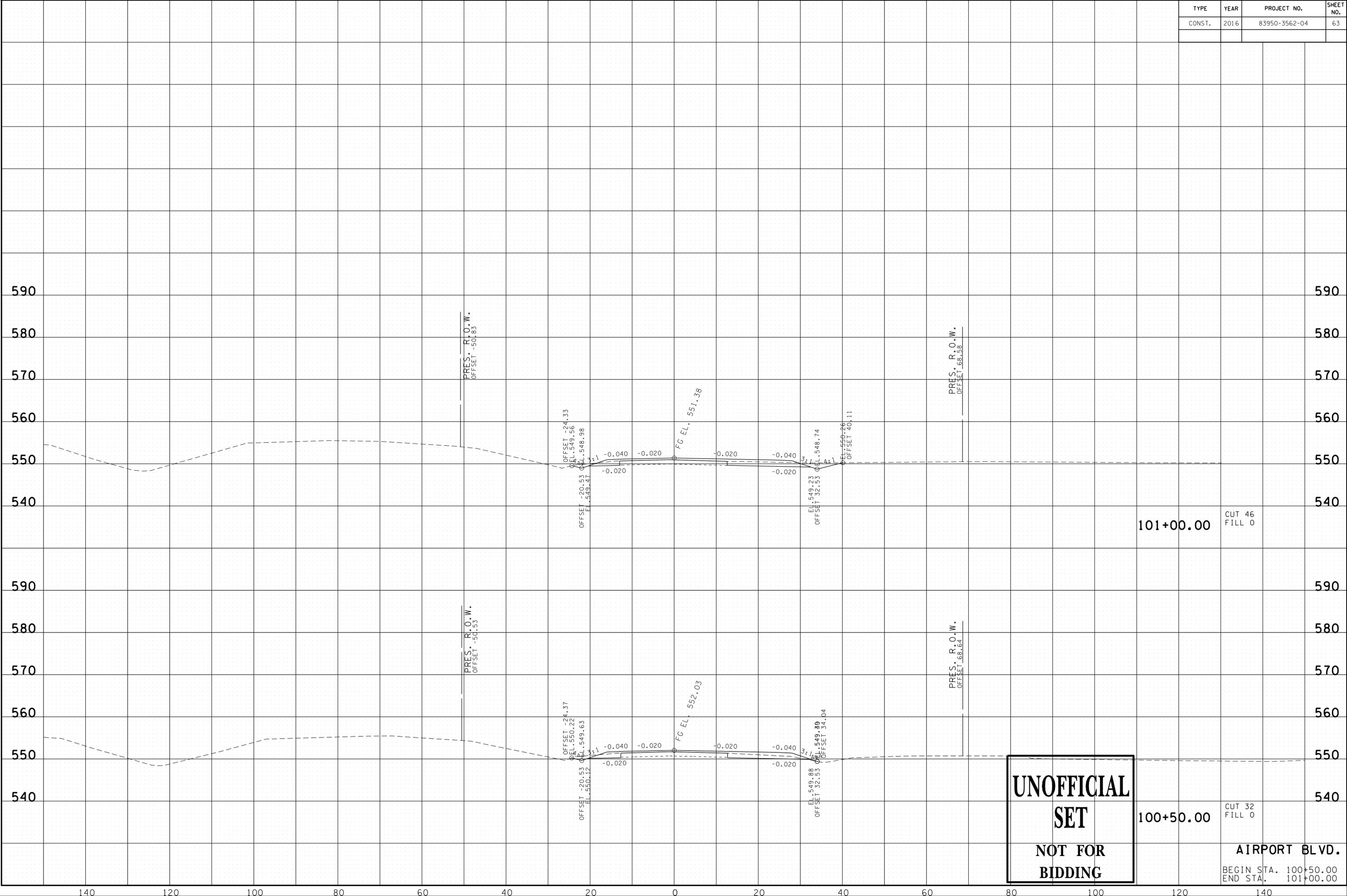
100+00.00 CUT 37
 FILL 0

99+50.00 CUT 61
 FILL 0

AIRPORT BLVD.
 BEGIN STA. 99+50.00
 END STA. 100+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	63

23-SEP-2016 11:36
 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht



**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

101+00.00

CUT 46
 FILL 0

100+50.00

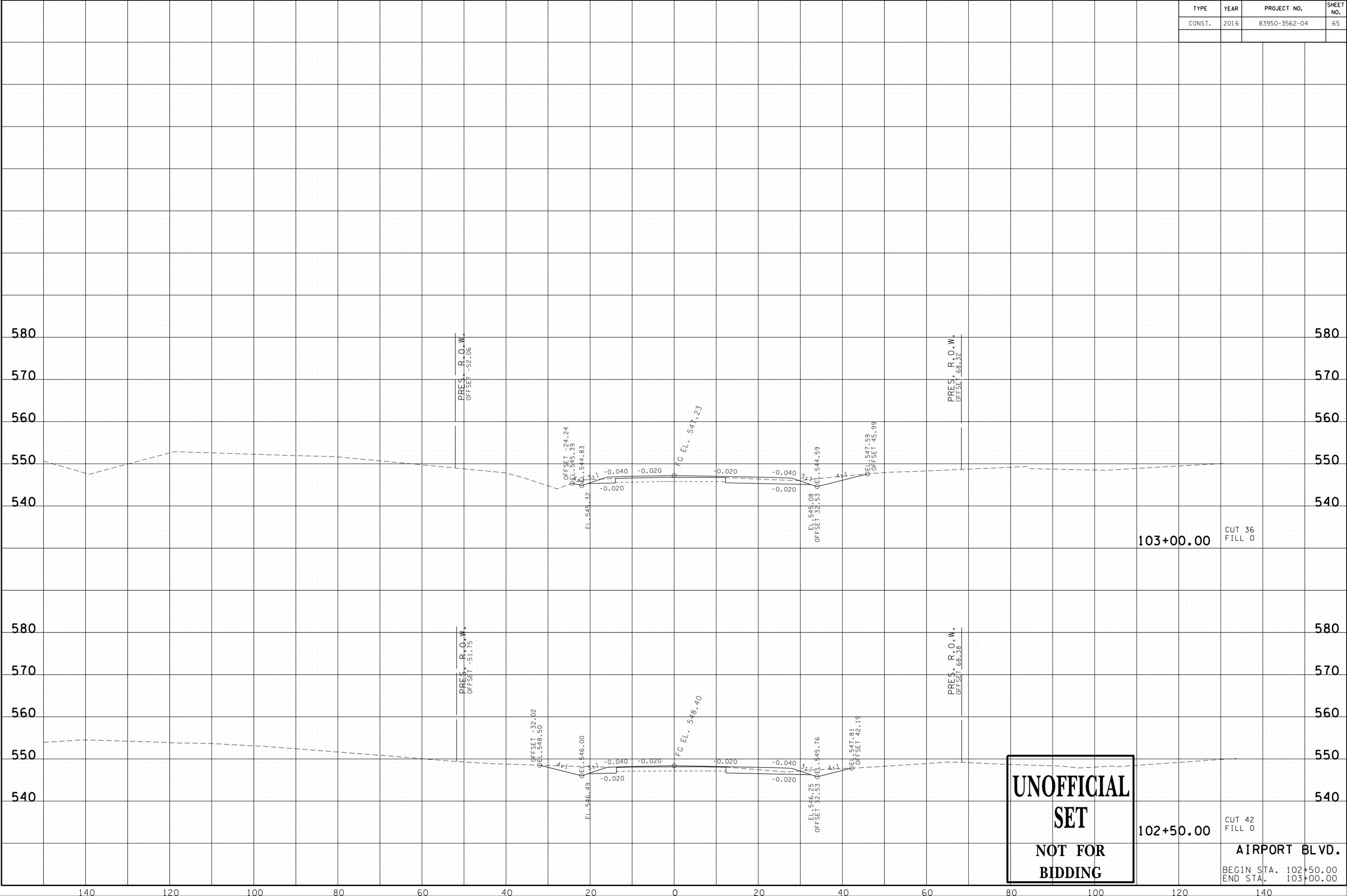
CUT 32
 FILL 0

AIRPORT BLVD.

BEGIN STA. 100+50.00
 END STA. 101+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	65

23-SEP-2016 11:36 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-0\MainlineXSSheets - Merged.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

103+00.00

CUT 36
FILL 0

102+50.00

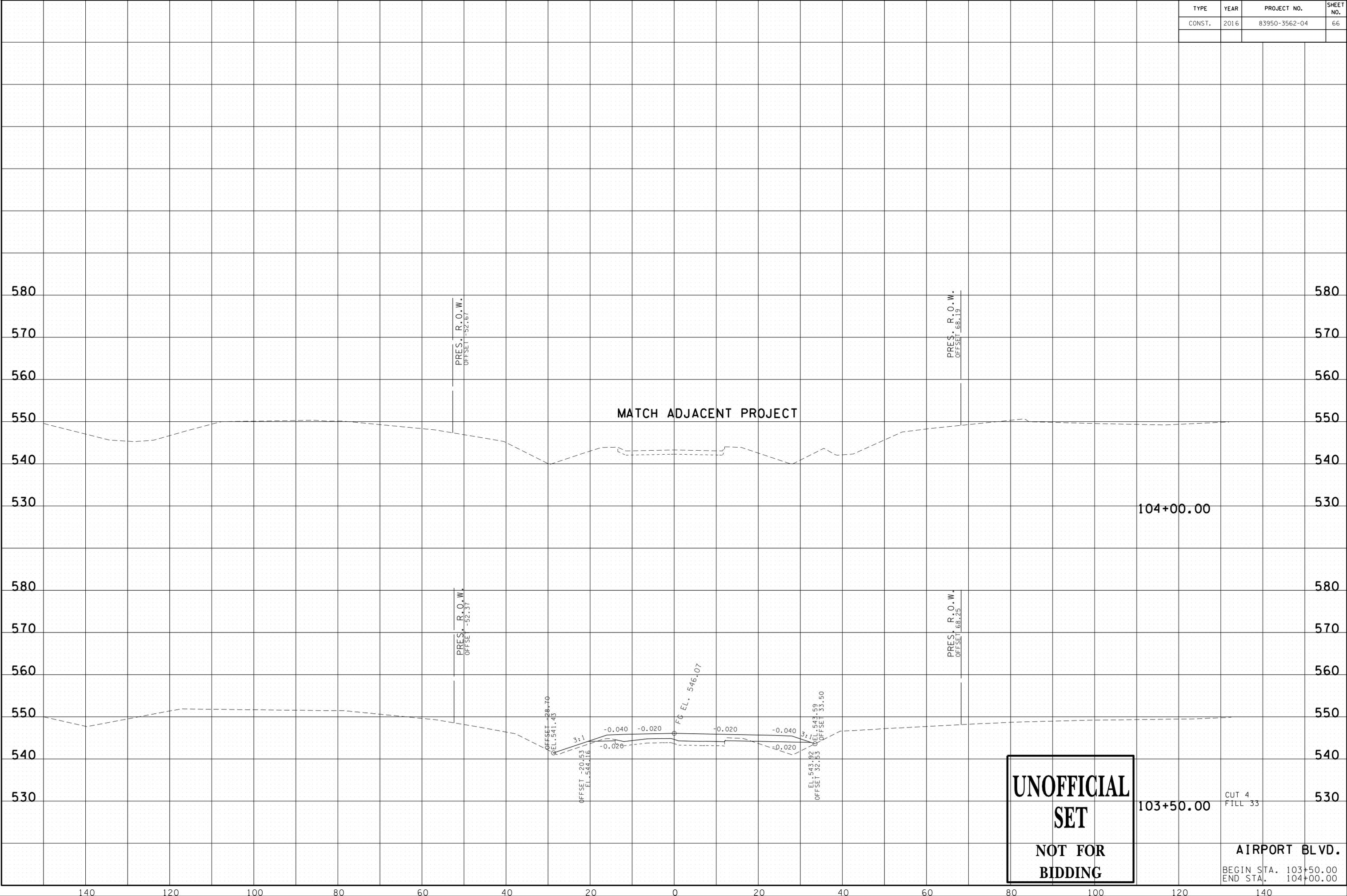
CUT 42
FILL 0

AIRPORT BLVD.

BEGIN STA. 102+50.00
END STA. 103+00.00

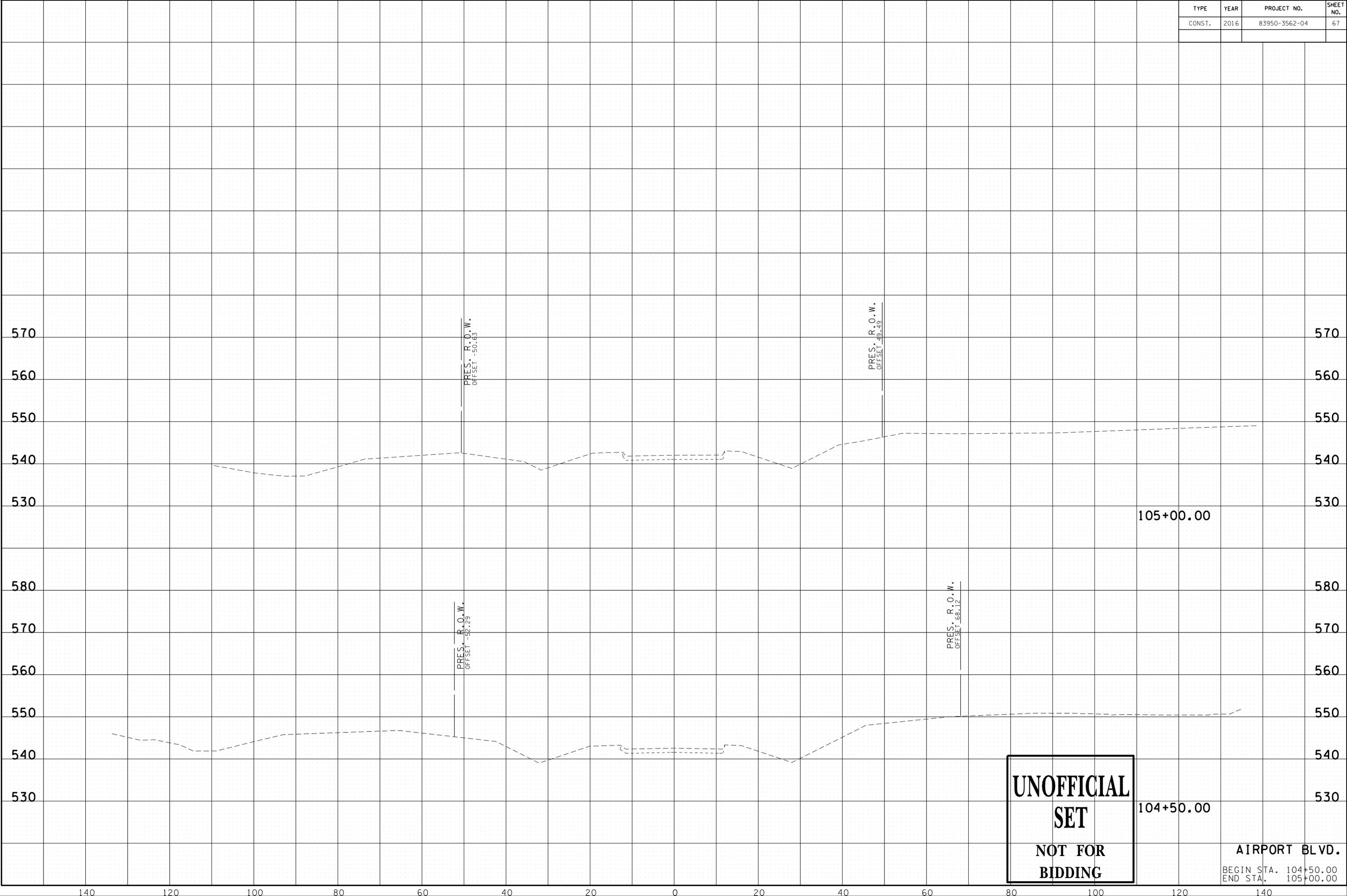
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	66

23-SEP-2016 11:36
 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht



TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2016	83950-3562-04	67

23-SEP-2016 11:36
 \\J03WF01\dot.state.tn.us\3\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-10\MainlineXSSheets - Merged.sht



**UNOFFICIAL
 SET
 NOT FOR
 BIDDING**

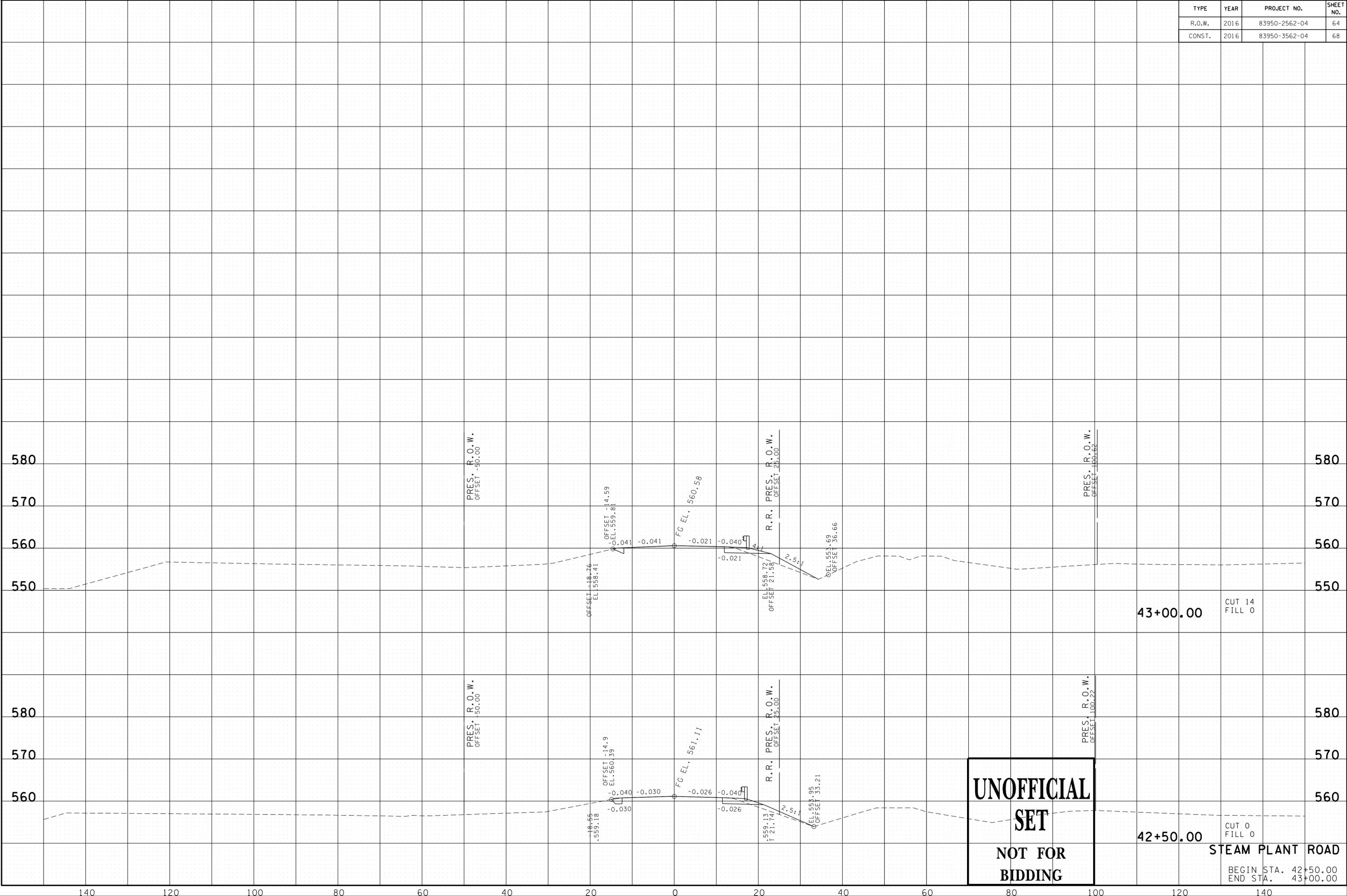
104+50.00

105+00.00

AIRPORT BLVD.
 BEGIN STA. 104+50.00
 END STA. 105+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	64
CONST.	2016	83950-3562-04	68

23-SEP-2016 11:37 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer Co.SIA_Serving ABC\U999-105\team\PlanRoadXSSheets.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

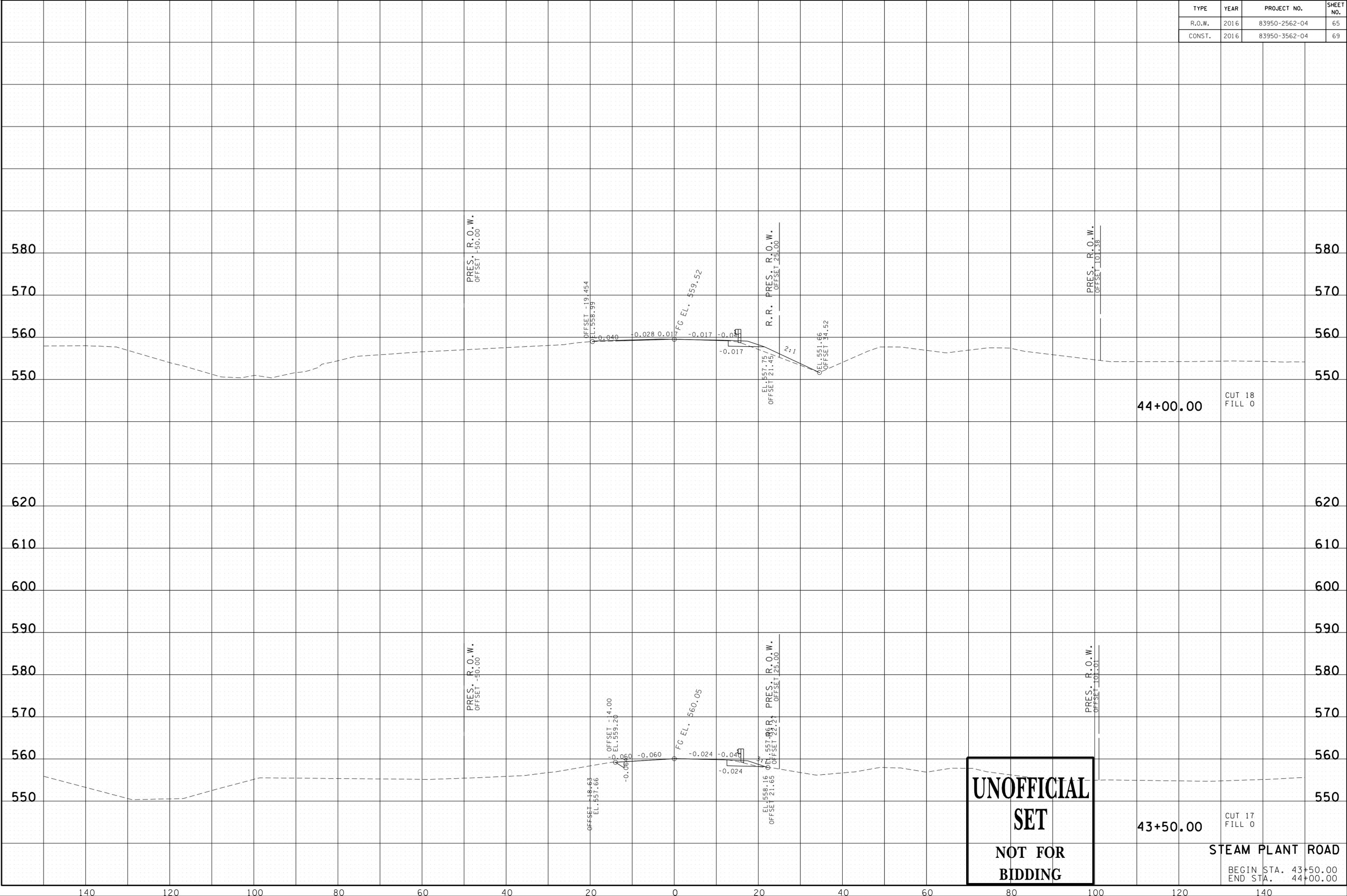
43+00.00 CUT 14
FILL 0

42+50.00 CUT 0
FILL 0

STEAM PLANT ROAD
BEGIN STA. 42+50.00
END STA. 43+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	65
CONST.	2016	83950-3562-04	69

23-SEP-2016 11:37 \\J03WF01\dot.state\trn.us\3\Shared\SURVEY\DESIGN\PIN_119592.00_Summer_Co_SIA_Serv\ng ABC\U999-105\team\PlanRoadXSSheets.sht



44+00.00 CUT 18 FILL 0

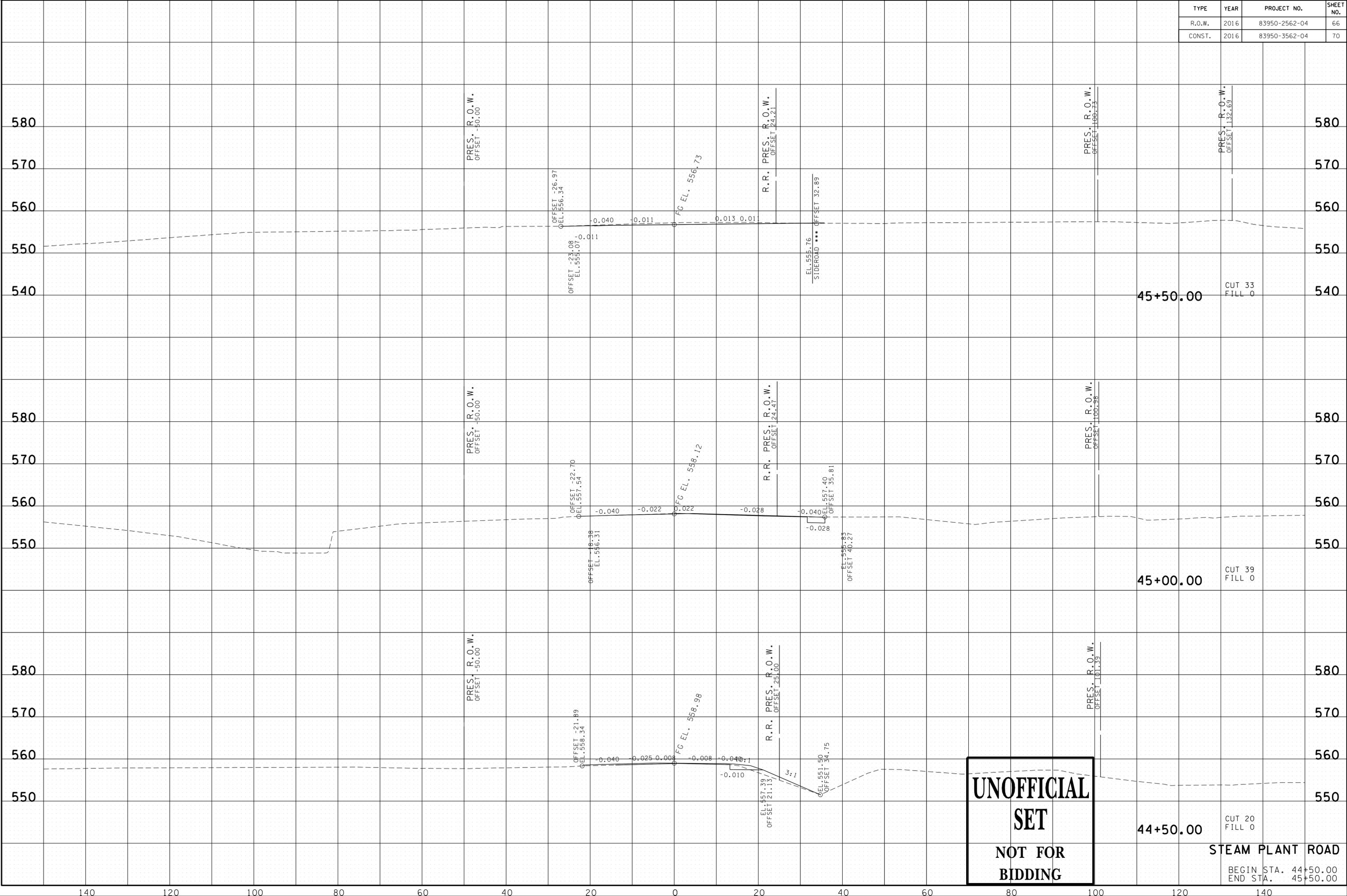
43+50.00 CUT 17 FILL 0

**UNOFFICIAL
SET
NOT FOR
BIDDING**

STEAM PLANT ROAD
 BEGIN STA. 43+50.00
 END STA. 44+00.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	66
CONST.	2016	83950-3562-04	70

23-SEP-2016 11:37 \\J03WF01\dot.state.tn.us\03Shared\SURVEY\DESIGN\PIN_119592.00_Summer_Co_SIA_Serv\ing ABC\U999-105team\PlantRoadXSSheets.sht

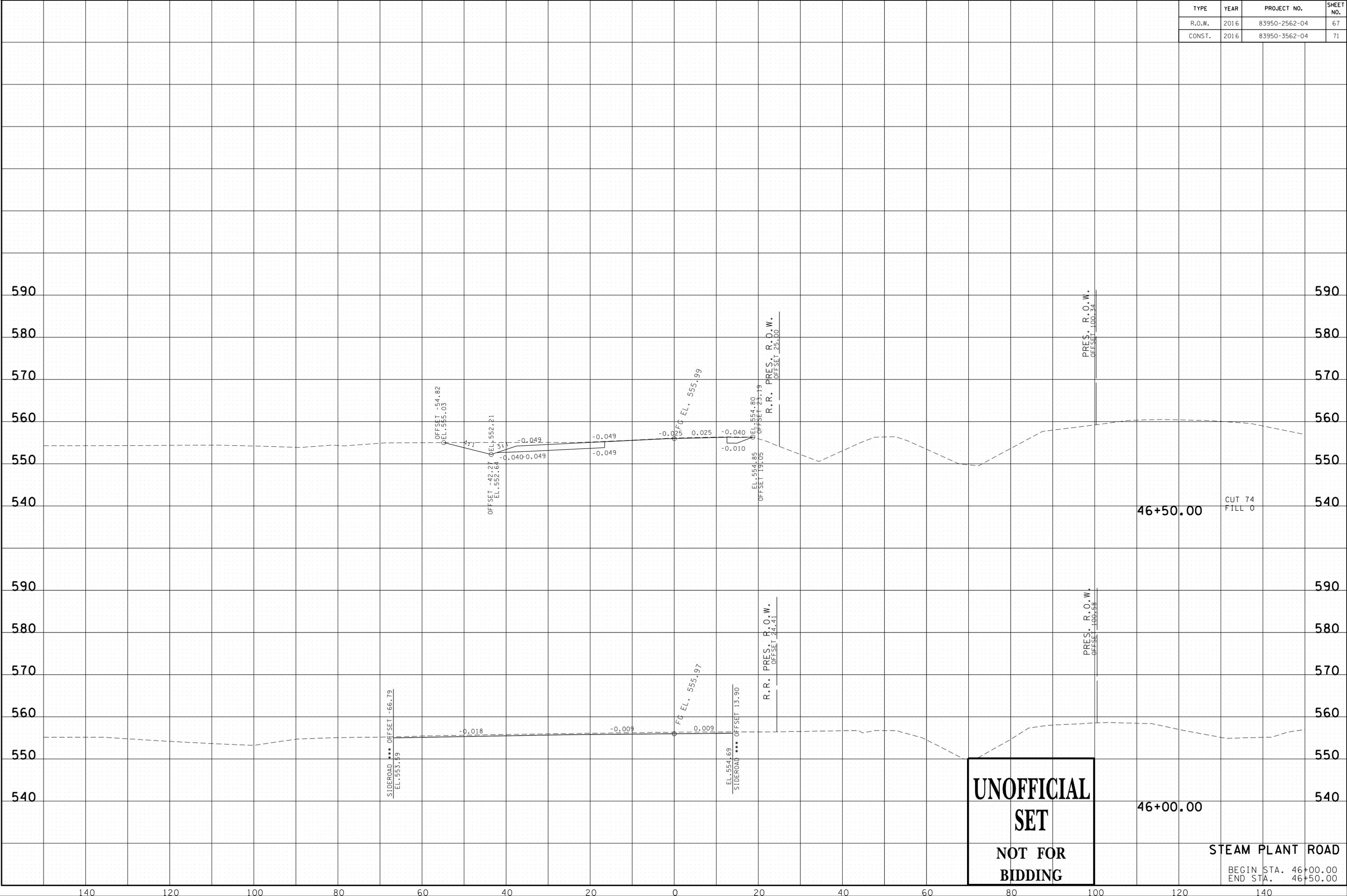


**UNOFFICIAL
SET
NOT FOR
BIDDING**

44+50.00 CUT 20 FILL 0
 45+00.00 CUT 39 FILL 0
 45+50.00 CUT 33 FILL 0
 STEAM PLANT ROAD
 BEGIN STA. 44+50.00
 END STA. 45+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	67
CONST.	2016	83950-3562-04	71

23-SEP-2016 11:37 \\J03\WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00 Summer Co.SIA Serv'ing ABC\U999-105\team\PlantRoad\SSheets.sht



**UNOFFICIAL
SET
NOT FOR
BIDDING**

46+50.00

CUT 74
FILL 0

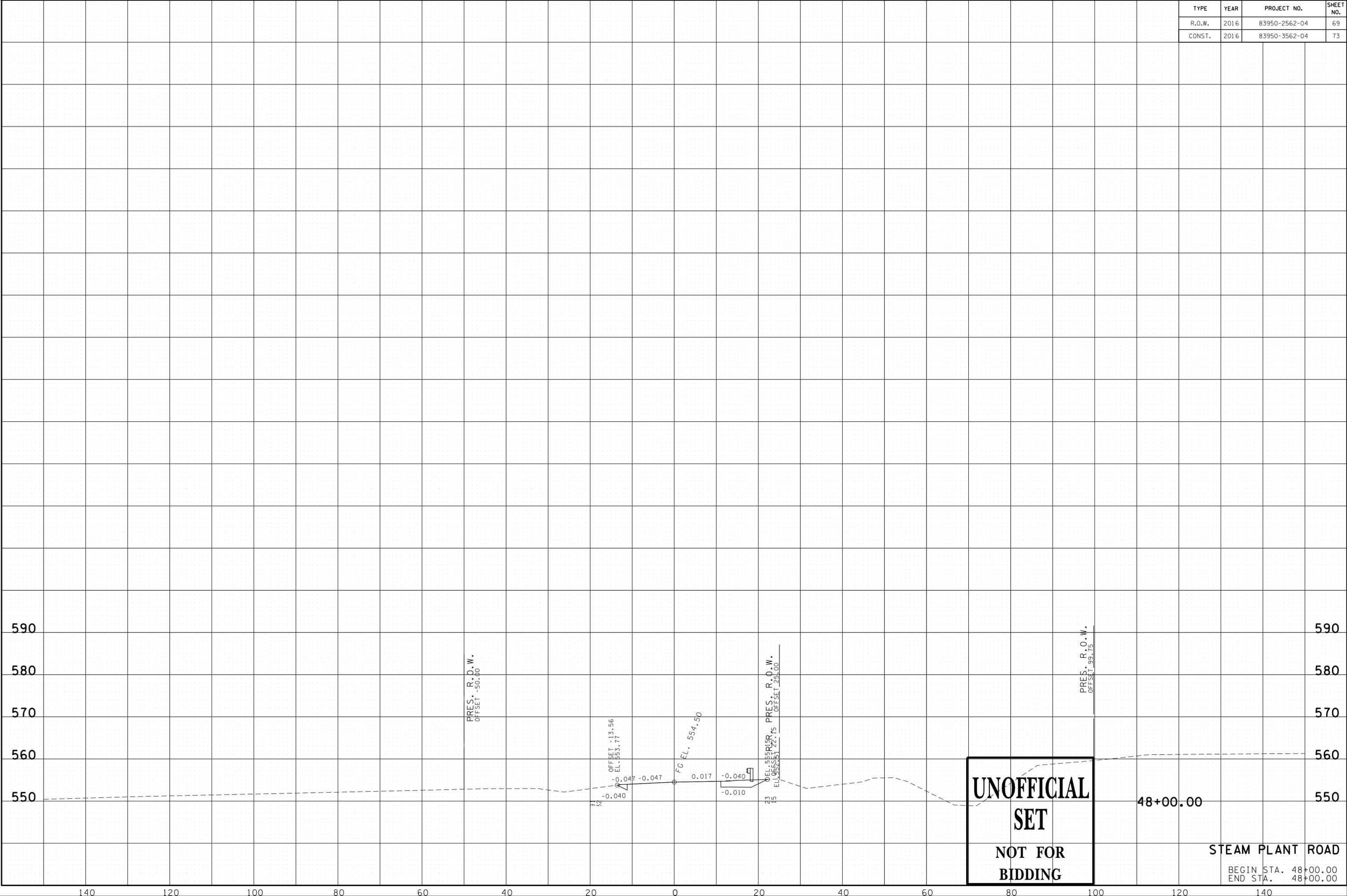
46+00.00

STEAM PLANT ROAD

BEGIN STA. 46+00.00
END STA. 46+50.00

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2016	83950-2562-04	69
CONST.	2016	83950-3562-04	73

23-SEP-2016 11:37 \\J03WF01\dot.state.tn.us\03\Shared\SURVEY\DESIGN\PIN_119592.00_Summer_Co_SIA_Serv\ng ABC\U999-105\team\PlantRoad\SSheets.sht



590
580
570
560
550

590
580
570
560
550

PRES. R.O.W.
OFFSET -50.00

OFFSET -13.56
EL. 553.77

FG EL. 554.50

15' EL. 555.15R PRES. R.O.W.
OFFSET 251.00

PRES. R.O.W.
OFFSET 99.75

**UNOFFICIAL
SET
NOT FOR
BIDDING**

48+00.00

STEAM PLANT ROAD

BEGIN STA. 48+00.00
END STA. 48+00.00

140 120 100 80 60 40 20 0 20 40 60 80 100 120 140