Index Of Sheets

SEE SHEET 1A

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

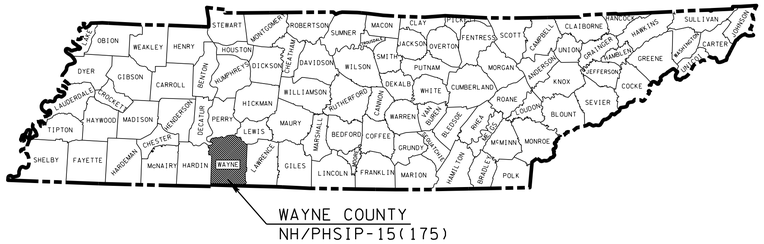
TENN.	YEAR	SHEET NO.
	2014	1
FED. AID PROJ. NO.	NH/PHSIP-15(175)	
STATE PROJ. NO.	91004-3251-14	

WAYNE COUNTY

CONSTRUCTION

SR-15 INTERSECTION AT DEXTER
L. WOODS MEMORIAL BOULEVARD

STATE HIGHWAY NO. 15 F.A.H.S. NO. 64



91004-3251-14
BEGIN PROJ. NO. NH/PHSIP-15(175) CONST.
STA. 9+00.00
N 365322.5301
E 1443770.6369

91004-3251-14
END PROJ. NO. NH/PHSIP-15(175) CONST.
STA. 24+00.00
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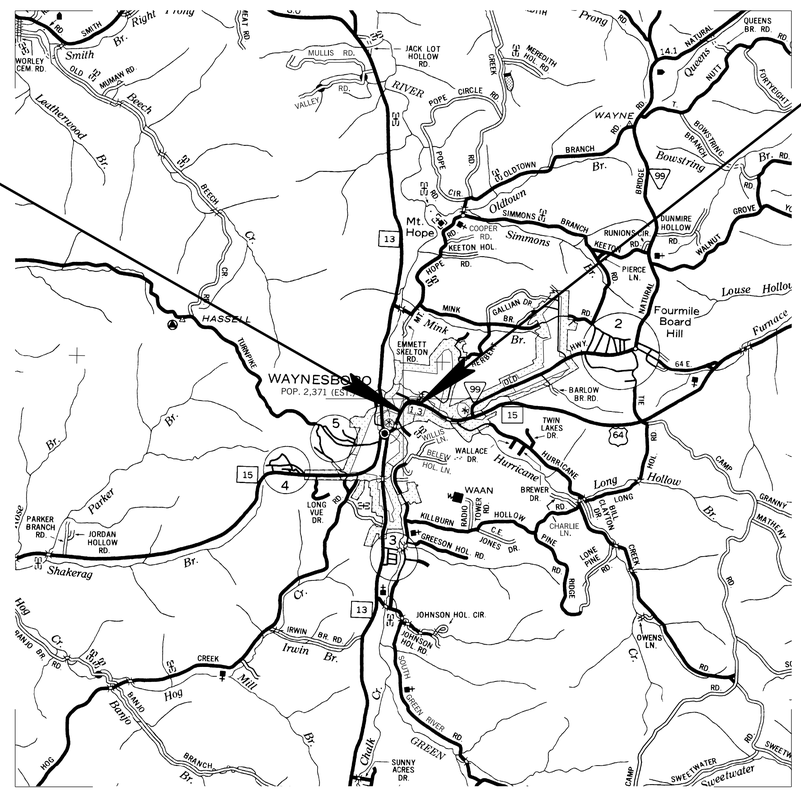

SCALE: 1"= 5280'

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 FEBRUARY 4, 2014 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT ROAD SP. SV. 2 ROBERT BRAUN, PE

DESIGNER MONICA CROMER CHECKED BY SHANNON HENRY

P.E. NO. 91004-1251-14 (DESIGN)

PIN NO. 114004.00

ROADWAY LENGTH	0.284 MILES
BRIDGE LENGTH	0.000 MILES
BOX BRIDGE LENGTH	0.000 MILES
PROJECT LENGTH	0.284 MILES

UNOFFICIAL SET

NOT FOR BIDDING

NO EXCLUSIONS

NO EQUATIONS

TRAFFIC DATA	
ADT (2015)	9,790
ADT (2035)	11,750
DHV (2035)	1,083
D	55 - 45
T (ADT)	7 %
T (DHV)	5 %
V	30 MPH

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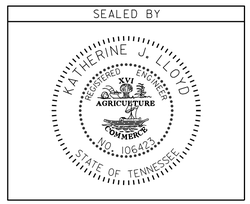

APPROVED: Paul D. Degges
PAUL D. DEGGES, CHIEF ENGINEER

DATE:

APPROVED:
JOHN SCHROER, COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED:

DIVISION ADMINISTRATOR DATE

SURVEY DATE: 3/4/13 (UPDATED 7/31/13)

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	1A

INDEX STANDARD ROADWAY DRAWINGS

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GENERAL NOTES AND SPECIAL NOTES	2E – 2G
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	U2-1–U2-4
STORM WATER POLLUTION PREVENTION PLAN (SWPPP)	S-1

There are no project commitment sheets included in this set of plans.

ROADWAY DESIGN STANDARDS

DWG. NO	REV.	DESCRIPTION
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-3	04-15-04	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
RD-L-4	04-15-04	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
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
RD-UD-3	09-05-96	UNDERDRAIN DETAILS
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-S-11B	10-15-02	DESIGN AND CONSTRUCTION DETAILS FOR ROCK CUT SLOPE AND CATCHMENT
RD01-SD-1		INTERSECTION SIGHT DISTANCE DESIGN AND GENERAL NOTES
RD01-SD-3		INTERSECTION SIGHT DISTANCE 2-LANE ROADWAYS
RD01-SD-4		INTERSECTION SIGHT DISTANCE 5-LANE AND 4-LANE UNDIVIDED ROADWAYS
RD01-SE-2	10-15-02	URBAN SUPERELEVATION DETAILS
RD01-TS-1	10-15-02	DESIGN STANDARDS FOR LOCAL ROADS AND STREETS
RD01-TS-2B	10-15-02	DESIGN STANDARDS 4 AND 6 LANE COLLECTOR HIGHWAYS WITH FLUSH MEDIANS
RD01-TS-6A	07-31-13	TYPICAL CURB AND GUTTER SECTIONS WITHOUT SHOULDER
RD01-TS-7A	10-15-02	DESIGN STANDARDS 2-LANE CURB & GUTTER WITH CONTINUOUS 2-WAY LEFT-TURN LANE

ROADWAY AND PAVEMENT APPURTENANCES

DWG. NO	REV.	DESCRIPTION
RP-NMC-10	07-29-03	STANDARD VERTICAL (NONMOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-NMC-11	02-28-02	STANDARD VERTICAL (NONMOUNTABLE) CONCRETE CURBS AND CONCRETE CURBS AND GUTTERS
RP-R-1	05-27-01	STANDARD RAMPS TO SIDE ROADS

SAFETY APPURTENANCES AND FENCE

DWG. NO	REV.	DESCRIPTION
S-CZ-1		CLEAR ZONE CRITERIA
S-F-1	05-24-12	HIGH VISIBILITY FENCE
S-GR-31-1		W-BEAM GUARDRAIL
S-GRA-3		GUARDRAIL ANCHOR FOR TYPE 21, 13, AND IN-LINE TERMINALS
S-PL-1		SAFETY PLAN AT ROADSIDE HAZARDS
S-PL-2		SAFETY PLAN AT SIDE ROADS OR PRIVATE DRIVES
S-PL-6		SAFETY PLAN: SAFETY HARDWARE PLACEMENT

TRAFFIC CONTROL APPURTENANCES

DWG. NO	REV.	DESCRIPTION
T-FAB-1	05-27-97	FLASHING YELLOW ARROW BOARD
T-M-1	11-01-11	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS AND MARKING ABBREVIATIONS
T-M-2	01-15-13	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
T-M-4	11-01-11	STANDARD INTERSECTION PAVEMENT MARKINGS
T-S-9	11-01-11	STANDARD LAYOUT GROUND MOUNTED SIGNS
T-S-10	04-04-12	STANDARD MOUNTING DETAILS FLAT SHEET SIGNS ALUMINUM-STEEL DESIGN
T-S-16	11-01-11	GROUND MOUNTED ROADSIDE SIGN AND DETAILS
T-S-17	07-19-13	STANDARD GROUND MOUNTED SIGN USING PERFORATED/KNOCKOUT SQUARE TUBE
T-S-18	05-27-01	END OF ROADWAY AND DEAD END SIGNS, METAL BARRICADES (TYPE III) & WORK ZONE SPEED SIGNS
T-S-19	07-19-13	STANDARD STEEL SIGN SUPPORTS
T-S-23A	07-19-13	MULTI-DIRECTIONAL SLIP BASE BREAKAWAY SQUARE TUBE SIGN SUPPORT
T-SG-2	07-29-04	LOOP LEAD-INS, CONDUIT AND PULL BOXES
T-SG-3	11-11-04	STANDARD NOTES AND DETAILS OF INDUCTIVE LOOPS
T-WZ-10	04-02-12	ADVANCE ROAD WORK SIGNING ON HIGHWAYS AND FREEWAYS
T-WZ-12	03-13-09	ONE LANE CLOSURE DETAIL FOR BRIDGES ON DIVIDED HIGHWAYS
T-WZ-21	03-15-11	LANE CLOSURE WITH LEFT HAND MERGE AND LANE SHIFT

EROSION PREVENTION AND SEDIMENT CONTROL

DWG. NO	REV.	DESCRIPTION
EC-STR-3B	08-01-12	SILT FENCE
EC-STR-3E	04-01-08	SILT FENCE FABRIC JOINING DETAILS
EC-STR-6A	08-01-12	ENHANCED ROCK CHECK DAM
EC-STR-11	08-01-12	CULVERT PROTECTION TYPE 1
EC-STR-25	08-01-12	TEMPORARY CULVERT CROSSING, CONSTRUCTION EXIT, CONSTRUCTION FORD
EC-STR-34	08-01-12	EROSION CONTROL BLANKET FOR SLOPE INSTALLATION
EC-STR-37	08-01-12	SEDIMENT TUBE
EC-STR-39A	08-01-12	CURB INLET PROTECTION TYPE 3 & 4

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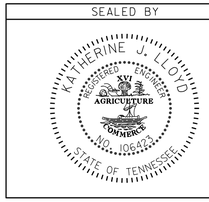

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

INDEX AND STANDARD DRAWINGS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	2

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	105-01	CONSTRUCTION STAKES, LINES AND GRADES	LS	1
	201-01	CLEARING AND GRUBBING	LS	1
	202-08.15	REMOVAL OF CURB AND GUTTER (SR-15, INDUSTRIAL DR., ORAN ST.)	L.F.	2350
8	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	10581
	203-06	WATER	M.G.	185
10	209-05	SEDIMENT REMOVAL	C.Y.	20
3 4	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	10926
	209-08.08	ENHANCED ROCK CHECK DAM	EACH	2
3	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	12
	209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	75
	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON	11402
6	303-10.01	MINERAL AGGREGATE (SIZE 57) (EROSION CONTROL)	TON	43
	307-01.08	ASPHALT CONCRETE MIX (PG64-22) (BPMB-HM) GRADING B-M2	TON	201
	307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	3673
	307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	TON	56
	307-02.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	TON	1652
	307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	2022
	402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	35
	402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	120
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON	8
	411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	TON	8
	411-01.10	ACS MIX(PG64-22) GRADING D	TON	118
	411-02.10	ACS MIX(PG70-22) GRADING D	TON	1164
14	415-01.02	COLD PLANING BITUMINOUS PAVEMENT	S.Y.	2100
	611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	10
	702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	239
	705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	350
	705-04.03	GUARDRAIL TERMINAL (TYPE 13)	EACH	2
	705-04.05	GUARDRAIL TERMINAL (TYPE-IN-LINE)	EACH	2
11	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	51
	710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	2200
	712-01	TRAFFIC CONTROL	LS	1
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	100
	712-05.01	WARNING LIGHTS (TYPE A)	EACH	50
	712-06	SIGNS (CONSTRUCTION)	S.F.	219
	712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	84
	712-08.03	ARROW BOARD (TYPE C)	EACH	2
	713-11.01	"U" SECTION STEEL POSTS	LB.	403
	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB.	613
	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	107
	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	95
9	713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	LS	1
	713-15.04	INSTALLATION OF LETTERS & ARROWS	LS	1

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	716-01.05	TEMPORARY RAISED PAVEMENT MARKER	EACH	54
	716-01.21	SNWPLWBLE PVMT MRKRS (BI-DIR)(1 COLOR)	EACH	54
	716-01.22	SNWPLWBLE PVMT MRKRS (MONO-DIR)(1 COLOR)	EACH	54
7	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	108
	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.	2
1	716-08.30	HYDROBLAST REMOVAL OF PAVEMENT MARKING (LINE, CROSSWALK)	L.M.	2
	716-13.01	SPRAY THERMO PVMT MRKNG (60 mil) (4IN LINE)	L.M.	3
	717-01	MOBILIZATION	LS	1
13	740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	S.Y.	86
5	740-11.04	TEMPORARY SEDIMENT TUBE 20IN (EROSION CONTROL)	L.F.	500
3	801-02.08	TEMPORARY SEEDING (WITHOUT MULCH)	UNIT	637
2	801-03	WATER (SEEDING & SODDING)	M.G.	22
	803-01	SODDING (NEW SOD)	S.Y.	23594
3	805-12.03	EROSION CONTROL BLANKET (TYPE II)	S.Y.	500

1. CONTRACTOR SHALL USE THE RIBBON METHOD FOR APPLICATION
2. INCLUDES 10 THOUSAND GALLONS FOR EROSION PREVENTION AND SEDIMENT CONTROL.
3. SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REQUIREMENTS.
4. QUANTITY TAKES INTO ACCOUNT THE LIFE SPAN OF THE SILT FENCE & MULTIPLIED BY A FACTOR OF 2.
5. TO BE USED WHERE AND AS DIRECTED BY THE ENGINEER, UNLESS NOTED ON THE PLANS.
6. 43 TON TO BE USED ON TEMPORARY CONSTRUCTION EXIT.
7. THE CONTRACTOR MAY ELECT TO SUBSTITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.
8. REFER TO SPECIAL NOTES. 29 CY TO BE USED ON TEMPORARY CONSTRUCTION EXIT.
9. REMOVE SIGN FACE AND SUPPORT (NO FOOTINGS ON THESE SIGNS) ON APPROXIMATELY 40 EXISTING SIGNS AND SUPPORTS WITHIN THE GRADING LIMITS OF THE PROJECT AND ANY OTHER CONFLICTING SIGNING OR AS DIRECTED BY THE ENGINEER.
10. TO BE USED ON TEMPORARY CONSTRUCTION EXIT.
11. TO BE USED ON TEMPORARY CONSTRUCTION EXIT.
13. 86 SY TO BE USED ON TEMPORARY CONSTRUCTION EXIT.
14. SEE SHEET 2A FOR LIMITS. A DEPTH OF 1.25" TO BE USED.

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

KATHERINE J. LLOYD
REGISTERED ENGINEER
AGRICULTURE COMMERCE
NO. 106423
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-15(175)	2A

ESTIMATED UTILITY QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	91004-3251-94 QUANTITY
795-01.04	6IN DIP SLIP JOINT WATER LINE	L.F.	20
795-01.06	8IN DIP SLIP JOINT WATER LINE	L.F.	20
795-01.08	10IN DIP SLIP JOINT WATER LINE	L.F.	500
795-01.25	2IN DIP SLIP JOINT WATER LINE	L.F.	50
795-07.03	6IN X 6IN TAPPING SLEEVE AND VALVE	EACH	1
795-07.06	8IN X 8IN TAPPING SLEEVE AND VALVE	EACH	1
795-07.10	10IN X 10IN TAPPING SLEEVE AND VALVE	EACH	2
795-07.35	2IN X 2IN TAPPING SADDLE AND VALVE	EACH	1
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	EACH	1
795-09.28	3/4IN COPPER SERVICE	L.F.	40
795-11.02	FIRE HYDRANT ASSEMBLY	EACH	1
795-13.01	DI FITTINGS	LBS	1000
795-14.01	CLASS A CONCRETE	C.Y.	5
795-14.02	CLASS B CONCRETE	C.Y.	5
795-14.08	RESTORE ASPHALT	S.Y.	30

*SEE SHEET U1-1 FOR INDEX OF UTILITY SHEETS. APPLICABLE FOOTNOTES FOR ESTIMATED UTILITIES QUANTITIES WILL BE ON THE UTILITY TABULATION BLOCKS.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED UTILITIES QUANTITIES

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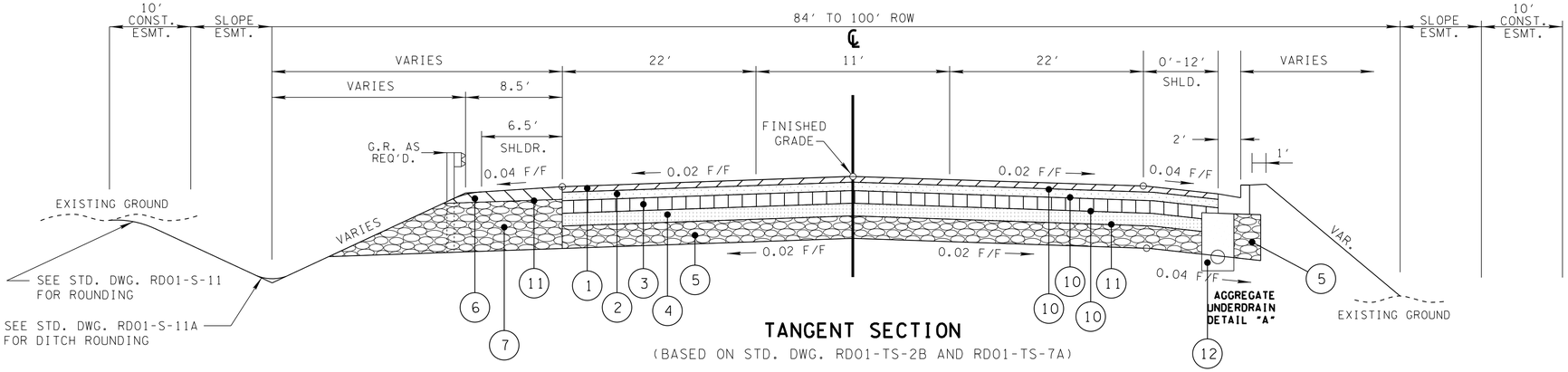
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	2
CONST	2014	NH/PHSIP-15(175)	2B

REV. 05/30/14: REVISED LIMITS OF TANGENT SECTION ON SR-15.



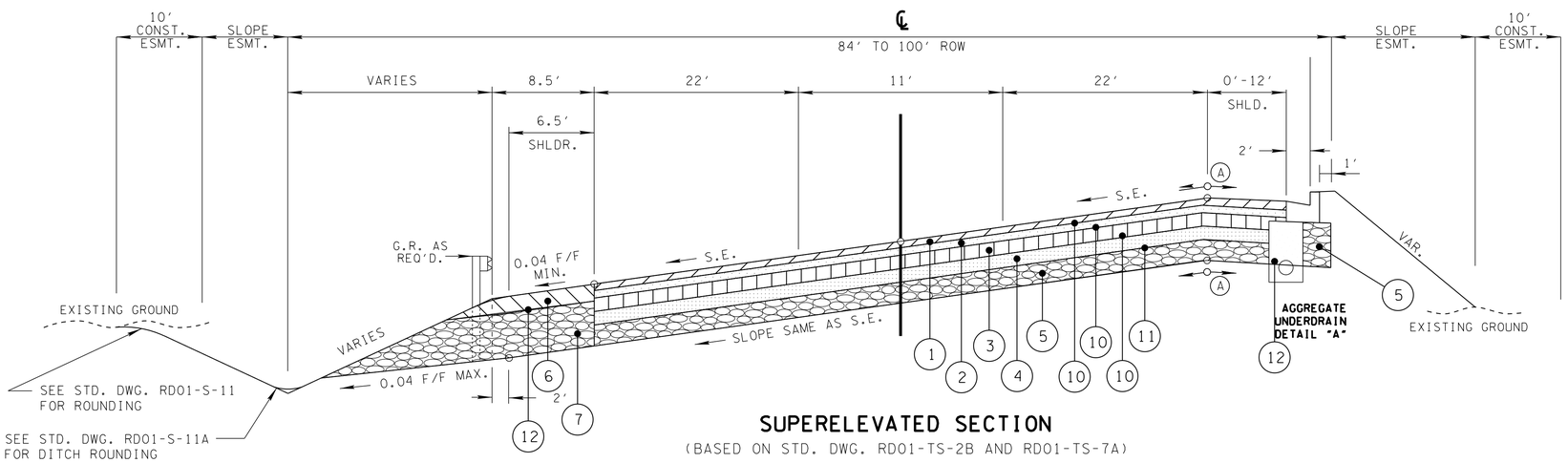
TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-2B AND RD01-TS-7A)

SR-15 (DEXTER L. WOODS MEMORIAL BLVD.) FROM STA. 11+15.00 TO STA. 11+96.25

NOTE: COLD PLANE & OVERLAY TO MATCH EXISTING PAVEMENT FROM STA. 9+00 TO STA. 11+15 & STA. 23+48.74 TO STA. 24+00

NOTE: ALL SIDE SLOPES TO BE SODDED.

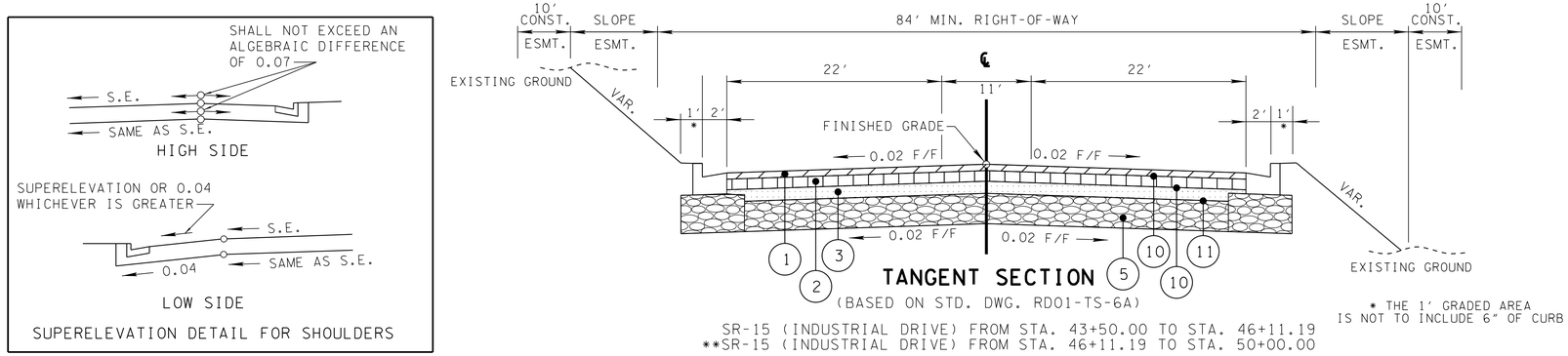


SUPERELEVATED SECTION

(BASED ON STD. DWG. RD01-TS-2B AND RD01-TS-7A)

SR-15 (DEXTER L. WOODS MEMORIAL BLVD.) FROM STA. 11+96.25 TO STA. 23+48.74

NOTE: ALL SIDE SLOPES TO BE SODDED.



TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-6A)

SR-15 (INDUSTRIAL DRIVE) FROM STA. 43+50.00 TO STA. 46+11.19

**SR-15 (INDUSTRIAL DRIVE) FROM STA. 46+11.19 TO STA. 50+00.00

** SEE SUPER DETAIL

NOTE: ALL SIDE SLOPES TO BE SODDED.

PAVEMENT SCHEDULE SHT. 2C

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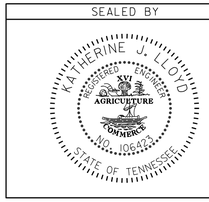

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

N.T.S.

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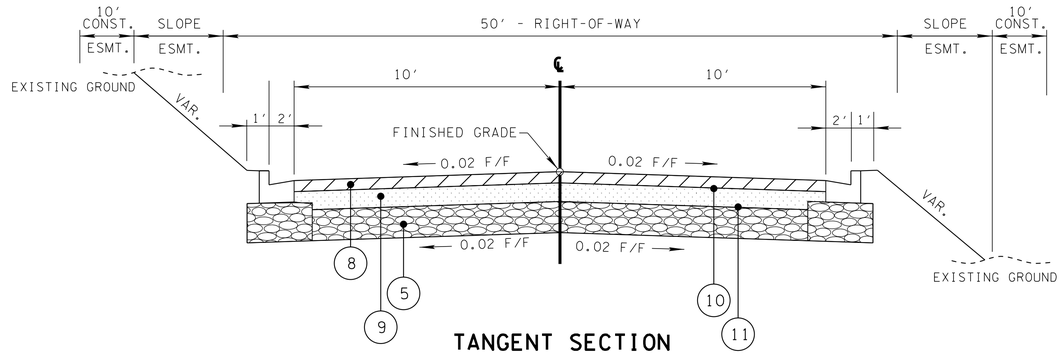
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	2A
CONST	2014	NH/PHSIP-15(175)	2C

REV. 05/30/14: REVISED LIMITS ON FARCE STAGGS LANE.

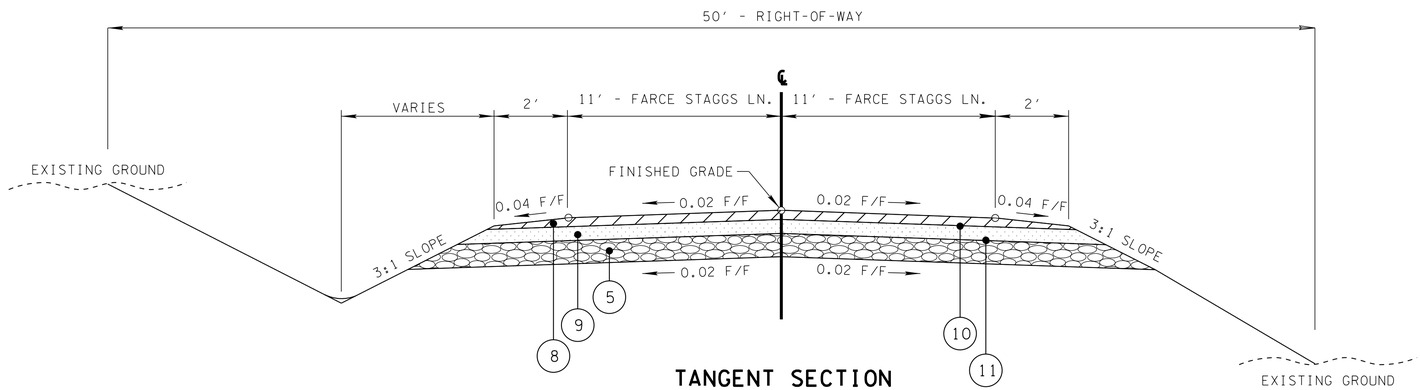


TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-6A)

ORAN ST. FROM STA. 60+00.00 TO STA. 62+25.00

NOTE: ALL SIDE SLOPES TO BE SODDED.



TANGENT SECTION

(BASED ON STD. DWG. RD01-TS-1)

FARCE STAGGS LANE FROM STA. 78+00.00 TO STA. 80+00.00

NOTE: ALL SIDE SLOPES TO BE SODDED.

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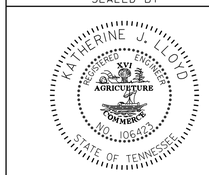

SIDE ROADS

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

N.T.S.

PAVEMENT SCHEDULE SHT. 2C

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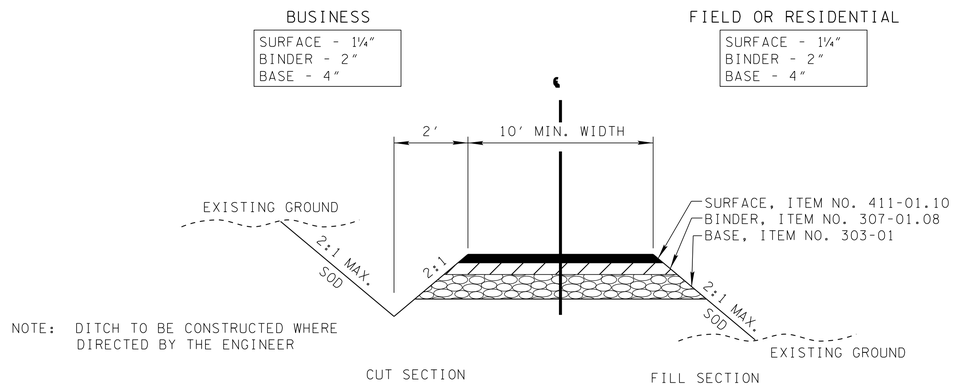
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	2B
CONST	2014	NH/PHSIP-15(175)	2D



NOTE: DITCH TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER

TYPICAL SECTION

PRIVATE DRIVE TO BUSINESS, FIELD, OR RESIDENTIAL PROPERTY

PROPOSED PAVEMENT SCHEDULE

(1) ACS MIX @ 1.25" THICK 411-02.10 ACS (PG70-22) GRADING "D" (APPROXIMATELY 132.5 LB/SY)	(7) MINERAL AGGREGATE @ 17.75" THICK 303-01 MINERAL AGG BASE GRADING "D"
(2) AC MIX @ 2.00" THICK 307-02.08 AC MIX (PG70-22) GRADING "B-M2" (APPROXIMATELY 226 LB/SY)	(8) ACS @ 1.25" THICK 411-01.10 ACS (PG64-22) GRADING "D"
(3) AC MIX @ 3.00" THICK 307-02.01 AC MIX (PG70-22) GRADING "A" (APPROXIMATELY 345 LB/SY)	(9) AC MIX @ 2.00" THICK 307-01.08 AC MIX (PG64-22) GRADING "B-M2" (APPROXIMATELY 226 LB/SY)
(4) PREF AC @ 3.00" THICK 307-02.02 PREF AC (PG70-22) GRADING "A-S" (APP 270 LB/SY) 307-02.03 PREF AC (PG70-22) GRADING "A-S" (APP 270 LB/SY)	(10) 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
(5) MINERAL AGGREGATE @ 10.00" THICK 303-01 MINERAL AGG BASE GRADING "D"	(11) TACK COAT 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC) 0.07 GAL/SY
(6) ACS @ 1.50" THICK 411-01.07 ACS (PG64-22) GRADING "E" (SHOULDER) (APPROXIMATELY 154.5 LB/SY)	(12) UNDERDRAINS 710-02 AGGREGATE UNDERDRAINS (WITH PIPE) REFERENCE STD DWG RD-UD-3 & RD-UD-4 DETAIL "A"

UNOFFICIAL SET

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TYPICAL SECTIONS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	2E

GENERAL NOTES

GRADING

(1) ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION DURING THE LIFE 0F THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.

(2) 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

(3) 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

(4) 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.

(5) 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.

(6) 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.

UTILITIES

(7) SEE SHEET 3C.

MISCELLANEOUS

(8) THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOXES WHERE AND AS DIRECTED BY THE ENGINEER.

(9) 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

RIGHT - OF – WAY

(10) SEE SHEET 3C.

PAVEMENT MARKINGS

TEMPORARY PAVEMENT MARKING ON INTERMEDIATE LAYERS

(11) 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. 716-05.20, PAINTED PAVEMENT MARKING (6" LINE), L.M.

FINAL PAVEMENT MARKING IF 4" SPRAY THERMOPLASTIC (60 mil) IS USED

(12) 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

(13) THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE DIRECTION OF TRAFFIC.

(14) 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

(15) 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.

(16) 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.

(17) THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING PROCESS, EXCEPT THAT CUT-OUT DIRECT APPLIED COPY SHALL BE USED ON ALL FLAT SHEET SIGNS WITH A GREEN BACKGROUND, OR BROWN BACKGROUND.

(18) 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.

SIGNALIZATION

(19) SALVAGEABLE EQUIPMENT SHALL BECOME THE PROPERTY OF THE (CITY OR COUNTY) AND SHALL BE STOCKPILED AT A LOCATION DESIGNATED BY THE ENGINEER FOR PICKUP BY THE (CITY OR COUNTY).

(20) IF RESURFACING IS INCLUDED IN THE PROJECT, SIGNAL DETECTION LOOPS SHALL BE INSTALLED BEFORE THE FINAL SURFACE IS APPLIED.

(21) THE PROJECT ENGINEER SHALL NOTIFY THE LOCAL GOVERNMENTAL AGENCY RESPONSIBLE FOR TRAFFIC CONTROL MAINTENANCE AT LEAST ONE DAY IN ADVANCE OF THE COLD PLANING ACTIVITY AT SIGNALIZED INTERSECTIONS WHERE DETECTOR LOOPS ARE ON THE PAVEMENT. THE MAINTAINING AGENCY WILL THEN BE RESPONSIBLE FOR DISCONNECTING THE LOOP DETECTORS AND MAKING ANY NECESSARY TIMING ADJUSTMENTS IN THE SIGNAL CONTROLLER PRIOR TO THE CONSTRUCTION.

(22) THE PROJECT ENGINEER SHALL BE RESPONSIBLE FOR SUPPLYING THE CONTRACTOR WITH AS BUILT SIGNAL PLANS AT THE PRE-CONSTRUCTION CONFERENCE. THESE PLANS WILL PROVIDE THE CONTRACTOR WITH THE DESIRED LOCATION FOR DETECTOR LOOP REPLACEMENT.

(23) LOOPS SHALL BE INSTALLED IN THE LEVELING COURSE IF A LEVELING COURSE IS PROVIDED.

(24) LOOP REPLACEMENT SHALL BE IN ACCORDANCE WITH SECTION 730 OF THE STANDARD SPECIFICATIONS.

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

(25) 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.

(26) 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.

(27) 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.

(28) TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING.

(29) 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.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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GENERAL NOTES (cont.)

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

(38) 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 A 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.

EROSION PREVENTION AND SEDIMENT CONTROL

DISTURBED AREA

(39) AREAS TO BE UNDISTURBED SHALL BE CLEARLY MARKED IN THE FIELD BEFORE CONSTRUCTION ACTIVITIES BEGIN.

(40) PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED (I.E. CLEARING AND GRUBBING INITIATED) MORE THAN 15 CALENDAR DAYS PRIOR TO GRADING OR EARTH MOVING ACTIVITIES UNLESS THE AREA IS MULCHED, SEEDED WITH MULCH, OR OTHER TEMPORARY COVER IS INSTALLED.

(41) CLEARING, GRUBBING, AND OTHER DISTURBANCE TO RIPARIAN VEGETATION SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR SLOPE CONSTRUCTION AND EQUIPMENT OPERATIONS. EXISTING VEGETATION SHOULD BE PRESERVED TO THE MAXIMUM EXTENT POSSIBLE. UNNECESSARY VEGETATION REMOVAL IS PROHIBITED.

(42) ALL DISTURBED AREAS SHALL BE PROPERLY STABILIZED AS SOON AS PRACTICABLE. PRIORITY SHALL BE GIVEN TO FINISHING OPERATIONS AND PERMANENT EPSC MEASURES OVER TEMPORARY EPSC MEASURES ON ALL PROJECTS.

(43) CONSTRUCTION SHALL BE SEQUENCED AND STAGED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED SOIL AREAS, PRESERVE TOPSOIL, AND MINIMIZE SOIL COMPACTION.

(44) NO MORE THAN 50 ACRES OF ACTIVE SOIL DISTURBANCE IS ALLOWED AT ANY TIME DURING THE CONSTRUCTION OF THE PROJECT. OFF-SITE BORROW OR WASTE AREAS ARE TO BE INCLUDED IN THE TOTAL DISTURBED AREA IF THE BORROW OR WASTE AREA IS EXCLUSIVE TO THE PROJECT PER TDOT'S WASTE AND BORROW MANUAL.

SEDIMENT CONTROL

(45) EPSC MEASURES SHALL BE INSTALLED AND FUNCTIONAL PRIOR TO ANY EARTH MOVING OPERATIONS, AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

(46) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFF-SITE MIGRATION OR DEPOSIT OF SEDIMENT ON ROADWAYS USED BY THE GENERAL PUBLIC. IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED AT A FREQUENCY SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS (E.G., FUGITIVE SEDIMENT THAT HAS ESCAPED THE CONSTRUCTION SITE AND HAS COLLECTED IN A STREET MUST BE REMOVED SO THAT IT IS NOT SUBSEQUENTLY WASHED INTO STORM SEWERS AND STREAMS BY THE NEXT RAIN AND/OR SO THAT IT DOES NOT POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS). ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT ON ADJOINING PROPERTY MUST BE SETTLED WITH THE ADJOINING PROPERTY OWNER BEFORE REMOVAL OF SEDIMENT.

(47) WATER PUMPED FROM WORK AREAS AND EXCAVATION MUST BE HELD IN SETTLING BASINS OR TREATED BY FILTRATION OR CHEMICAL TREATMENT PRIOR TO ITS DISCHARGE INTO SURFACE WATERS. ALL PHYSICAL AND/OR CHEMICAL TREATMENT WILL BE APPLIED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES AND FULLY DESCRIBED IN THE EPSC PLANS. WATER MUST BE HELD IN SETTLING BASINS UNTIL AT LEAST AS CLEAR AS THE RECEIVING WATERS. SETTLING BASINS SHALL NOT BE LOCATED CLOSER THAN 20 FEET FROM THE TOP BANK OF A STREAM. SETTLING BASINS AND SEDIMENT TRAPS SHALL BE PROPERLY DESIGNED ACCORDING TO THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE TREATED. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE OR WELL- VEGETATED OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR SEDIMENT TRANSPORT. DISCHARGES FROM BASINS AND IMPOUNDMENTS SHALL UTILIZE OUTLET STRUCTURES THAT ONLY WITHDRAW WATER FROM NEAR THE SURFACE OF THE BASIN OR IMPOUNDMENT. DISCHARGES MUST NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITH THE RECEIVING STREAM.

(48) CHECK DAMS SHALL BE USED WHERE RUNOFF IS CONCENTRATED. CLEAN ROCK, BRUSH, GABION, OR SANDBAG CHECK DAMS SHALL BE PROPERLY CONSTRUCTED TO REDUCE VELOCITY AND CONTROL EROSION.

(49) FOR AN OUTFALL IN A DRAINAGE AREA OF 10 ACRES OR MORE, A TEMPORARY (OR PERMANENT) SEDIMENT BASIN OR EQUIVALENT CONTROL MEASURES THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A MINIMUM 2-YEAR/ 24-HOUR STORM EVENT, SHALL BE PROVIDED UNTIL FINAL STABILIZATION OF THE SITE. THE ENVIRONMENTAL AND DESIGN DIVISIONS MAY BE CONTACTED TO REVIEW AND CONCUR WITH ANY REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE OUTFALL PROCEEDS.

(50) IF PERMANENT OR TEMPORARY VEGETATION IS TO BE USED AS AN EPSC MEASURE, THEN THE TIMING OF PLANTING OF VEGETATION SHALL BE SHOWN IN THE SWPPP. DELAYING PLANTING OF COVER VEGETATION UNTIL WINTER MONTHS OR DRY MONTHS SHOULD BE AVOIDED, IF POSSIBLE.

(51) OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION ACCESS (A POINT OF ENTRANCE/EXIT TO THE CONSTRUCTION PROJECT) SHALL BE PROVIDED, AS NEEDED, TO REDUCE THE TRACKING OF MUD AND DIRT ONTO PUBLIC ROADS BY CONSTRUCTION VEHICLES.

(52) TEMPORARY EPSC MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT MUST BE REPLACED AT THE END OF THE WORKDAY.

INSPECTION, MAINTENANCE, REPAIR

(53) EPSC CONTROLS WILL BE MAINTAINED IN ACCORDANCE WITH TDOT STANDARD DRAWINGS AND GOOD ENGINEERING PRACTICES.

(54) INSPECTION, REPAIR, AND MAINTENANCE OF EPSC MEASURES/STRUCTURES IS TO BE PERFORMED ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL STRUCTURES WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT (50%). DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT STRUCTURAL COMPONENTS OF EPSC MEASURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE STRUCTURES AT THE CONTRACTOR'S OWN EXPENSE.

(55) SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES SHALL BE PLACED AND BE TREATED IN A MANNER SO THAT THE SEDIMENT IS CONTAINED WITHIN THE PROJECT LIMITS AND DOES NOT MIGRATE INTO WATERS OF THE STATE/U.S. COST FOR THIS TREATMENT IS TO BE INCLUDED IN PRICE BID FOR ITEM NO. 209-05 SEDIMENT REMOVAL, C.Y.

(56) THE CONTRACTOR SHALL INSTALL A RAIN GAUGE EVERY LINEAR MILE AT ALL SITES WHERE CLEARING, GRUBBING, EXCAVATION, GRADING CUTTING OR FILLING IS BEING ACTIVELY PERFORMED, OR EXPOSED SOIL HAS NOT YET BEEN PERMANENTLY STABILIZED. IF THE PROJECT LENGTH IS LESS THAN ONE LINEAR MILE, ONE RAIN GAUGE SHALL BE INSTALLED AT THE CENTER OF THE PROJECT OR AS INDICATED BY THE TDOT EPSC INSPECTOR. THE CONTRACTOR SHALL ENSURE THAT EACH GAUGE IS MAINTAINED IN GOOD WORKING CONDITION. TDOT AND/OR THE CONTRACTOR SHALL RECORD DAILY PRECIPITATION AND FORECASTED PERCENTAGE OF PRECIPITATION IN DETAILED RECORDS OF RAINFALL EVENTS INCLUDING DATES, AMOUNTS OF RAINFALL PER GAUGE, THE ESTIMATED DURATION (OR STARTING AND ENDING TIMES), AND FORECASTED PERCENTAGE OF PRECIPITATION FOR THE PROJECT. THIS INFORMATION SHALL BE PROVIDED TO THE ENGINEER ON A MONTHLY BASIS. THE COST FOR THE RAIN GAUGES IS TO BE INCLUDED IN THE UNIT BID PRICES FOR OTHER ITEMS. RAIN GAUGES SHALL BE AS SPECIFIED IN THE APPROVED TDOT RAINFALL MONITORING PLAN.

(57) INSPECTION OF EPSC MEASURES SHALL BE DONE AT LEAST TWICE PER CALENDAR WEEK AT LEAST 72 HOURS APART. A CALENDAR WEEK IS DEFINED AS SUNDAY THROUGH SATURDAY. QUALITY ASSURANCE/QUALITY CONTROL SITE ASSESSMENT OF EPSC SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION'S COMPREHENSIVE INSPECTION OFFICE GUIDELINES.

(58) OUTFALL POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EPSC MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO SURROUNDING WATERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWNSTREAM LOCATIONS SHALL BE INSPECTED. LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE ROADWAY SEDIMENT TRACKING.

(59) UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES FOUND TO BE INEFFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT, IF POSSIBLE, BUT IN NO CASE MORE THAN 24 HOURS AFTER THE INSPECTION OR WHEN THE CONDITION IS IDENTIFIED. IF THE REPAIR, REPLACEMENT OR MODIFICATION IS NOT PRACTICAL WITHIN THE TIMEFRAME, WRITTEN DOCUMENTATION MUST BE PROVIDED IN THE FIELD BOOK AND AN ESTIMATED REPAIR, REPLACEMENT OR MODIFICATION SCHEDULE SHALL BE DOCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION.

(60) THE TDOT PROJECT SUPERVISOR (OR THEIR DESIGNEE) AND THE CONTRACTOR'S SITE SUPERINTENDENT ARE RESPONSIBLE FOR INSPECTIONS. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE TDOT PROJECT SUPERVISOR OR THEIR DESIGNEE WILL COMPLETE THE INSPECTION REPORTS AND DISTRIBUTE COPIES PER THE CONTRACT.

MATERIALS

(61) WASTE AND BORROW AREAS SHALL BE LOCATED IN NON-WETLAND AREAS AND ABOVE THE 100-YEAR, FEDERAL EMERGENCY MANAGEMENT AGENCY FLOODPLAIN. BORROW AND WASTE DISPOSAL AREAS SHALL NOT AFFECT ANY WATERS OF THE STATE/U.S. UNLESS THESE AREAS ARE SPECIFICALLY COVERED BY AN ARAP, 404, OR NPDES PERMIT, OBTAINED SOLELY BY THE CONTRACTOR.

SWPPP, PERMITS, PLANS, RECORDS

(62) THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND OBTAIN ANY NECESSARY ENVIRONMENTAL PERMITS OR APPROVALS, INCLUDING BUT NOT LIMITED TO TDEC ARAP/401, USACE SECTION 404, TVA SECTION 26A, AND TDEC NPDES PERMITS, FROM FEDERAL, STATE AND/OR LOCAL AGENCIES REGARDING THE OPERATION OF ANY PROJECT-DEDICATED ASPHALT AND/OR CONCRETE PLANTS.

(63) ANY DISAGREEMENT BETWEEN THE PROJECT PLANS, THE PROJECT AS CONSTRUCTED, AND THE PERMIT(S) ISSUED FOR THE PROJECT, SHALL BE BROUGHT TO THE ATTENTION OF THE TDOT PROJECT ENGINEER. 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.

(64) THE FOLLOWING INFORMATION SHALL BE MAINTAINED ON OR NEAR THE SITE: DATES THAT MAJOR GRADING ACTIVITIES OCCUR, DATES WHERE CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, DATES WHEN STABILIZATION MEASURES ARE INITIATED, EPSC INSPECTION RECORDS, QUALITY ASSURANCE SITE ASSESSMENT RECORDS, PRECIPITATION RECORDS, SWPPP, PROJECT ENVIRONMENTAL PERMITS, AND A COPY OF THE PROJECT EPSC INSPECTOR'S TDEC LEVEL 1 CERTIFICATION.

(65) ALL WATER QUALITY AND STORM WATER PERMITS, INCLUDING A COPY OF THE NOC WITH NPDES PERMIT TRACKING NUMBER AND THE LOCATION OF THE SWPPP, 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 BREIF 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.

(66) IF A CHANGE IN PROJECT SCOPE OCCURS DURING CONSTRUCTION, INCLUDING VALUE ENGINEERING, THE ENVIRONMENTAL DIVISION SHALL BE CONTACTED TO DETERMINE WHETHER PERMIT REVISIONS OR MODIFICATIONS OF THE SWPPP ARE NEEDED. THE DESIGN DIVISION SHALL BE CONTACTED TO DETERMINE IF ANY PLAN REVISIONS ARE NEEDED.

(67) THE SWPPP SHALL BE UPDATED BY CONSTRUCTION WHENEVER EPSC INSPECTIONS INDICATE, OR WHERE STATE OR FEDERAL OFFICIALS DETERMINE EPSC MEASURES ARE PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES OR ARE OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORM WATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY. THE ENVIRONMENTAL DIVISION SHALL BE CONTACTED WHEN MAJOR DESIGN REVISIONS ARE REQUESTED BY CONSTRUCTION. THE ENVIRONMENTAL DIVISION MAY BE CONTACTED FOR GUIDANCE ON SPECIFIC SWPPP NEEDS. A COPY OF ANY CORRESPONDENCE REGARDING THE EFFECTIVENESS OF THE SWPPP OR EPSC CONTROLS SHALL BE RETAINED IN THE SWPPP.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	2F

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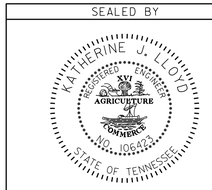

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	2G

GENERAL NOTES (cont.)

SWPPP, PERMITS, PLANS, RECORDS

(68) THE SWPPP SHALL BE UPDATED BY CONSTRUCTION WHENEVER A CHANGE IN CHEMICAL TREATMENT METHODS IS MADE INCLUDING USE OF A DIFFERENT CHEMICAL, DIFFERENT DOSAGE OR APPLICATION RATE, OR A DIFFERENT AREA OF APPLICATION.

(69) IF A TMDL IS DEVELOPED FOR THE RECEIVING WATERS FOR A POLLUTANT OF CONCERN (SILTATION AND/OR HABITAT ALTERATION) THE SWPPP SHALL BE MODIFIED OR UPDATED.

(70) PROJECT INSPECTORS AND SUPERVISORS (INCLUDING TDOT STAFF, CONSULTANTS AND CONTRACTOR STAFF) RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF EPSC PLANS SHALL SUCCESSFULLY COMPLETE THE TDEC "LEVEL 1 - FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES" COURSE AND ANY REFRESHER COURSES AS REQUIRED TO MAINTAIN CERTIFICATION. A COPY OF CERTIFICATION RECORDS FOR THE COURSES SHALL BE KEPT ON SITE AND AVAILABLE UPON REQUEST.

LITTER, DEBRIS, WASTE, PETROLEUM

(71) THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION WASTES FROM ENTERING WATERS OF THE STATE/U.S. THESE MATERIALS WILL BE PICKED UP AND REMOVED FROM STORMWATER EXPOSURE PRIOR TO ANTICIPATED STORM EVENTS. AFTER USE, MATERIALS USED FOR EPSC WILL BE REMOVED FROM THE SITE.

(72) 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 (NFPA). APPROPRIATE CONTAINMENT MEASURES FOR THESE AREAS SHALL BE USED. ALL SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING GROUNDWATER, SHOULD A SPILL OCCUR.

SPECIAL NOTES

EROSION PREVENTION AND SEDIMENT CONTROL

NPDES

(73) REFER TO THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN, SHEET 10, FOR NOTES REGARDING SEASONAL WORK LIMITATION OR LIMITATION ON THE TOTAL AREA OF EXPOSED SOIL.

GRADING

(74) 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.

(75) 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.

(76) 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.

(77) 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.

(78) 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.

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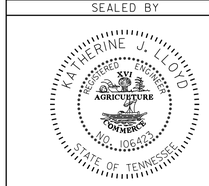

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
AND
SPECIAL NOTES

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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	2H

ESTIMATED GRADING QUANTITIES

STATION FROM	STATION TO	ROAD AND DRAINAGE EXCAVATION (UNCL.) COMMON (C.Y.)	ROAD AND DRAINAGE EXCAVATION (UNCL.) ROCK (C.Y.)	BORROW COMMON (C.Y.)	BORROW ROCK (C.Y.)	EMBANKMENT (C.Y.)	EXCESS (C.Y.)	TOPSOIL (C.Y.)	CHANNEL EXC. (C.Y.)	REMARKS
SR-15		6940		0		357	6476		0	30% SHRINKAGE
INDUSTRIAL		2306		0		2	2303		0	30% SHRINKAGE
ORAN ST.		972		0		0	972		0	30% SHRINKAGE
FARCE STAGGS LN.		85		0		53	16		0	30% SHRINKAGE
D/W		249		0		88	135		0	30% SHRINKAGE
TOTALS		10552	0	0	0	500	9902	0	0	

PROPOSED GUARDRAIL

SHEET NO.	LOCATION	SIDE LT	SIDE RT	STATION FROM	STATION TO	METAL BEAM GUARD FENCE 705-01.04 (L.F.)	SINGLE TYPE 2 GUARDRAIL 705-02.02 (L.F.)	TYPE 13 TERMINAL 705-04.03 (EACH)	TYPE IN-LINE TERMINAL 705-04.05 (EACH)	REMARKS
4B	DEXTER WOODS MEMORIAL BLVD.	X		11+22.45	14+29.50	0.00	350.00	2	2	
TOTALS						0.00	350.00	2.00	2	

PAVEMENT QUANTITIES

LOCATION	PAY ITEMS 303-01 (TON)	307-01.08 (TON)	307-02.01 (TON)	307-02.02 (TON)	307-02.03 (TON)	307-02.08 (TON)	402-01 (TON)	402-02 (TON)	403-01 (TON)	411-01.07 (TON)	411-01.10 (TON)	411-02.10 (TON)
SR-15 Dexter L. Woods Blvd.	8160.0		2987.0	56.0	1652.0	1573.0	23.0	80.0	5.0	8.0		900.0
Industrial Drive	2240.0		686.0			449.0	9.0	30.0	2.0			264.0
All other side roads	1002.0	201.0					3.0	10.0	1.0		118.0	
TOTALS	11402.0	201.0	3673.0	56.0	1652.0	2022.0	35.0	120.0	8.0	8.0	118.0	1164.0

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TABULATED QUANTITIES

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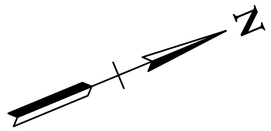
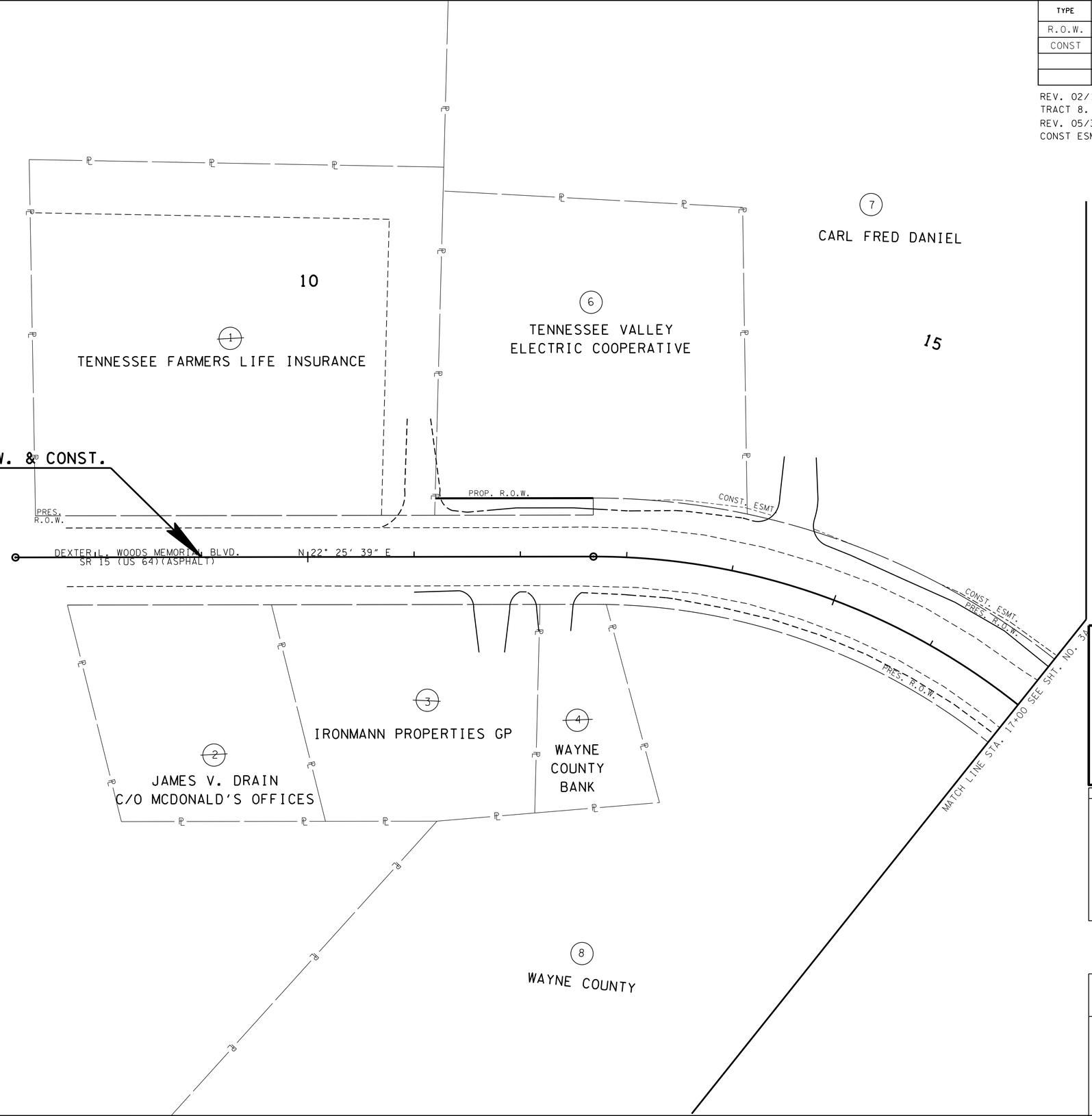
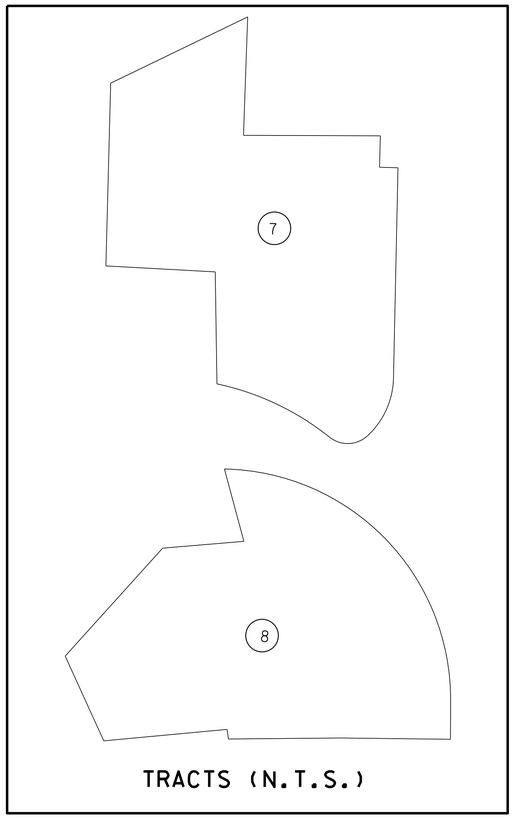
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	3
CONST	2014	NH/PHSIP-15(175)	3

REV. 02/18/14: NAME CHANGE ON TRACT 8.
REV. 05/30/14: REMOVED ROW & CONST ESMNT ON TRACT 1.



91004-3251-14
91004-2251-14
BEGIN PROJ. NO. NH-15(175) R.O.W. & CONST.
STA. 9+00.00
N 365322.5301
E 1443770.6369





TRACTS (N.T.S.)

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NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA.7+25 TO STA.17+00

SCALE: 1"=50'

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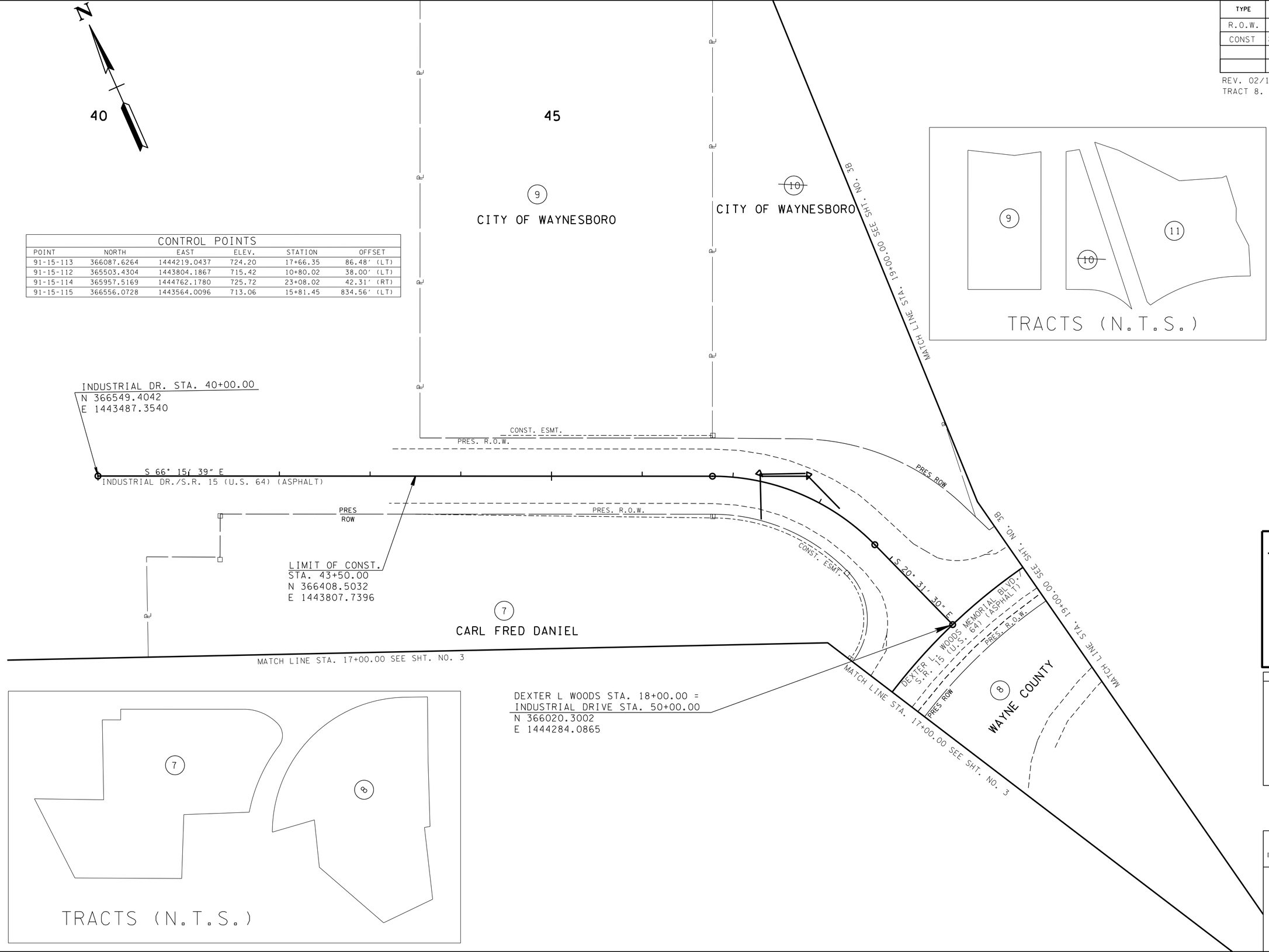
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	3A
CONST	2014	NH/PHSIP-15(175)	3A

REV. 02/18/14: NAME CHANGE ON TRACT 8.



CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
91-15-113	366087.6264	1444219.0437	724.20	17+66.35	86.48' (LT)
91-15-112	365503.4304	1443804.1867	715.42	10+80.02	38.00' (LT)
91-15-114	365957.5169	1444762.1780	725.72	23+08.02	42.31' (RT)
91-15-115	366556.0728	1443564.0096	713.06	15+81.45	834.56' (LT)

INDUSTRIAL DR. STA. 40+00.00
N 366549.4042
E 1443487.3540

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA.17+00 TO STA.19+00

SCALE: 1"=50'

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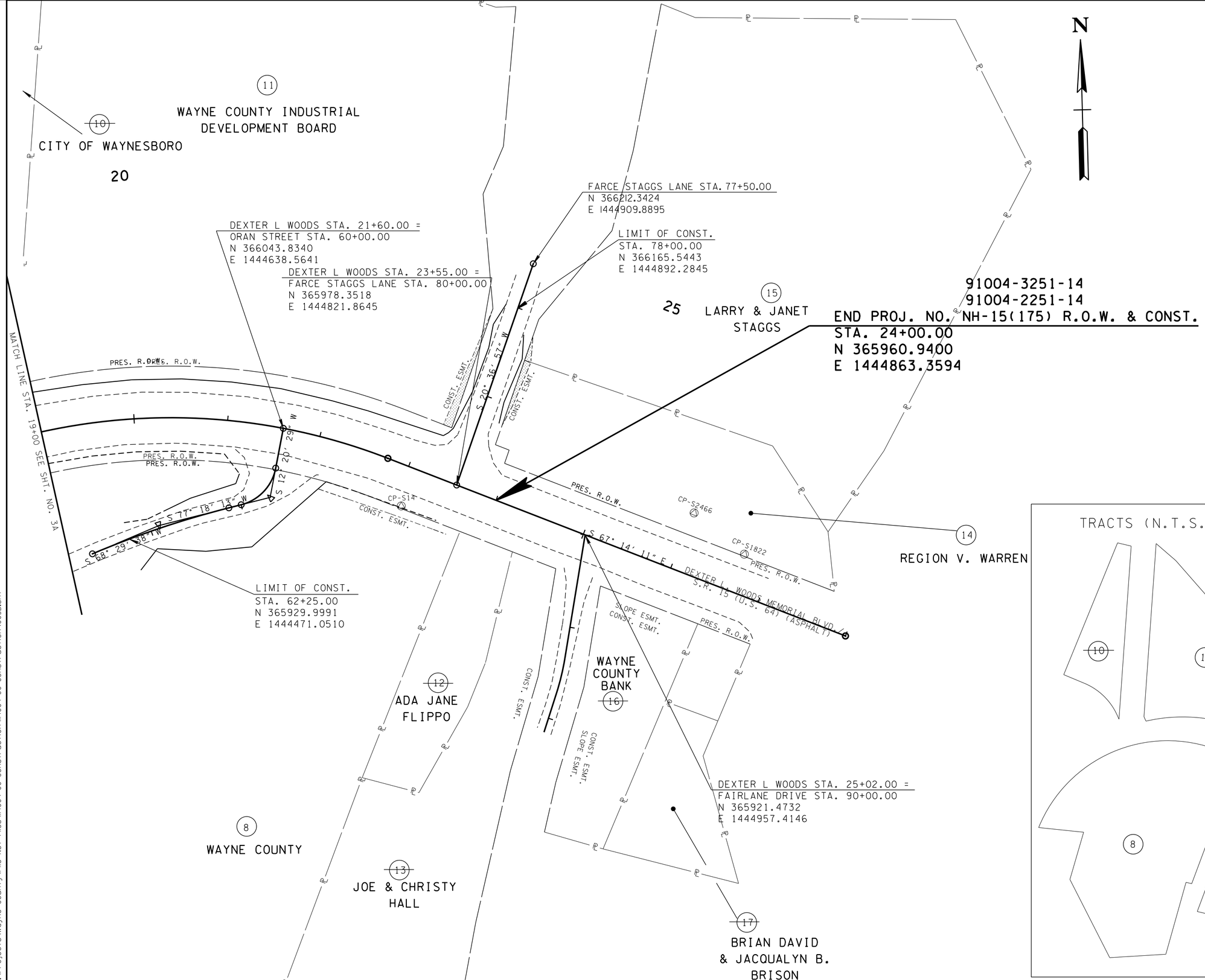
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	3B
CONST	2014	NH/PHSIP-15(175)	3B

REV. 02/18/14: NAME CHANGE ON TRACT 8.

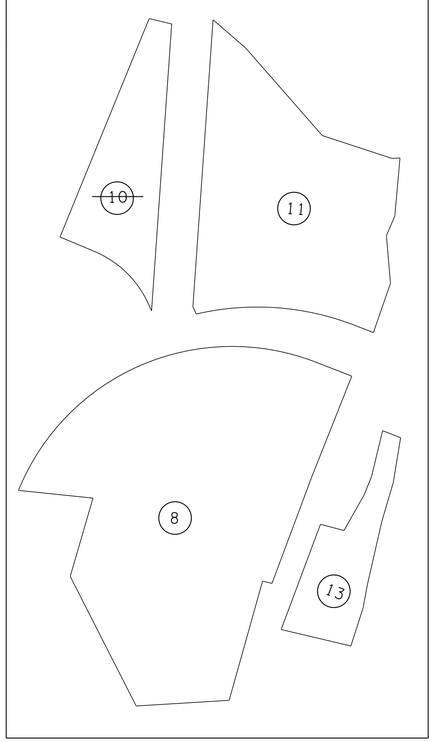
REV. 03/18/14: REMOVED CONST & SLOPE ESMNT ON TRACT 14 & 15.

REV. 05/30/14: REMOVED SLOPE ESMNT & REVISED CONST ESMNT ON TRACT 11. REMOVED CONST ESMNT ON TRACTS 12 & 13. ADDED CONST ESMNT ON TRACTS 14 & 15. REMOVED CONST & SLOPE ESMNT ON TRACT 16. REVISED PROJECT LIMITS.

REV. 07/22/14: REVISED CUT SLOPE ON EAST SIDE OF FARCE STAGGS LANE.



TRACTS (N.T.S.)



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SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA.19+00 TO STA.28+00

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	3C
CONST	2014	NH/PHSIP-15(175)	3C

REV. 02/18/14: REVISED TRACTS 8, 13, & 14.
REV. 03/18/14: REMOVED CONST. & SLOPE ESMNT FROM TRACT 14 & 15.
REV. 05/30/14: REMOVED ROW & CONST ESMNT ON TRACT 1. REMOVED SLOPE ESMNT & REVISED CONST ESMNT ON TRACT 11. REMOVED CONST ESMNT ON TRACTS 12 & 13. ADDED CONST ESMNT ON TRACTS 14 & 15. REMOVED CONST & SLOPE ESMNT ON TRACT 16.

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 BK.	DEED DOCUMENT REFERENCE PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.
1	~~Tennessee Farmers Life Insurance Company~~	~~066~~	~~049.01~~	~~65~~	~~656~~	~~2.910~~		~~2.910~~				~~2.910~~				
2	~~James V. Drain C/O McDonald's Office~~	~~077C-A~~	~~016.00~~	~~28~~	~~50~~		~~1.000~~	~~1.000~~					~~1.000~~			
3	~~Ironmann Properties GP~~	~~077C-A~~	~~019.01~~	~~121~~	~~949~~		~~1.000~~	~~1.000~~					~~1.000~~			
4	~~Wayne County Bank~~	~~077C-A~~	~~019.00~~	~~88~~	~~768~~		~~1.000~~	~~1.000~~					~~1.000~~			
5	~~Not Used~~															
6	Tennessee Valley Electric Cooperative	077C-A	018.00	78	738	1.000		1.000	2384 S.F.		2384 S.F.	0.945				294
7	Carl Fred Daniel	066	034.22	77	436	11.660		11.660				11.660				2166
8	Wayne County	077C-A	020.00	112	214		9.100	9.100					9.100			1300
9	City of Waynesboro C/O Tennessee Apparel Corporation	066	034.02	85	192	3.910		3.910				3.910				697
10	~~City of Waynesboro~~	~~066~~	~~034.12~~	~~154~~	~~434~~	~~2.220~~		~~2.220~~				~~2.220~~				
11	Wayne County Industrial Development Board C/O Lincoln Brass Works Inc.	066	034.20	129	508	5.660		5.660				5.660				635
12	~~Ada Jane Flippo C/O Myrtle Ida Dean Brewer~~	~~077C-A~~	~~021.00~~	~~143~~	~~753~~		~~0.450~~	~~0.450~~					~~0.450~~			
13	~~Joe and Christy Hall~~	~~077C-A~~	~~024.01~~	~~65~~	~~409~~		~~1.485~~	~~1.485~~					~~1.485~~			
14	Region V. Warren C/O Donald Gene Warren	066N-E	023.00	38	84	1.000		1.000				1.000				315
15	Larry W. and Janet Staggs	066N-E	024.00	70	301	3.060		3.060				3.060				96
16	~~Wayne County Bank~~	~~077C-A~~	~~023.02~~	~~37~~	~~506~~		~~0.519~~	~~0.519~~					~~0.519~~			
17	~~Brian David and Jacqualyn B. Brison Etux~~	~~077C-A~~	~~023.01~~	~~110~~	~~601~~		~~0.479~~	~~0.479~~					~~0.479~~			

UTILITY OWNERS

UTILITY	OWNER	PHONE NO.	CONTACT	ADDRESS	CITY	STATE	ZIP CODE
TELEPHONE	TDS TELECOM	(615) 758-5689	JOHN FERRELL	11646 Lebanon Rd.	MT. JULIET	TN	37122
ELECTRIC	TENNESSEE VALLEY ELECTRIC COOPERATIVE	(731) 925-4961	GERALD TAYLOR	590 Florence Rd.	SAVANNAH	TN	38372
ELECTRIC	TENNESSEE VALLEY ELECTRIC COOPERATIVE	(931) 722-5441	EDDIE BERRY	123 North High St.	WAYNESBORO	TN	38485
GAS	CITY OF WAYNESBORO	(931) 722-5458	JOHN HICKMAN	922 Public Square East / P.O. BOX 471	WAYNESBORO	TN	38485
WATER	CITY OF WAYNESBORO	(931) 722-5458	JOHN HICKMAN	922 Public Square East / P.O. BOX 471	WAYNESBORO	TN	38485
SEWER	CITY OF WAYNESBORO	(931) 722-5458	JOHN HICKMAN	922 Public Square East / P.O. BOX 471	WAYNESBORO	TN	38485
CABLE	TDS TELECOM	(615) 758-5689	JOHN FERRELL	11646 Lebanon Rd.	MT. JULIET	TN	37122
CABLE	CHARTER COMMUNICATIONS	(931) 241-8441	CURT BALANCE	1850 Business Park Dr. S-101	CLARKSVILLE	TN	37040-0022
INTERNET	TDS TELECOM	(931) 758-5689	JOHN FERRELL	11646 Lebanon Rd.	MT. JULIET	TN	37122
INTERNET	NETEASE INTERNET ACCESS SERVICES	(731) 845-5640	DUSTIN CARDEN	39 Tennessee Ave.	PARSONS	TN	38363

RIGHT - OF - WAY NOTES

(1) 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, ROADWAY DESIGN DIVISION IS TO BE NOTIFIED IN SUFFICIENT TIME TO PERMIT HAVING SUCH REMOVALS DESIGNATED AS A PART OF THE CONSTRUCTION CONTRACT.

(2) 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.

(3) EXISTING PAVED DRIVEWAY PER TRACT REMAINDER WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.

(4) 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.

(5) 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.

(6) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.

(7) 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.

(8) 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.

(9) ON PROJECTS WITH CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT. AFTER THE PERMIT HAS BEEN GRANTED, THE DEPARTMENT WILL CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE THROUGH THE CURB AND SIDEWALK, PROVIDED THE CURB AND SIDEWALK HAVE NOT BEEN CONSTRUCTED. IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE FROM BACK OF SIDEWALK TO TOUCHDOWN POINT FOR ANY ADDITIONAL DRIVEWAYS OR FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.

UTILITIES

(1) 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.

(2) 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.

(3) 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.

(4) 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.

(5) 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.

UNOFFICIAL SET

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DEPARTMENT OF TRANSPORTATION

RIGHT-OF-WAY ACQUISITION TABLE

29-SEP-2014 10:36
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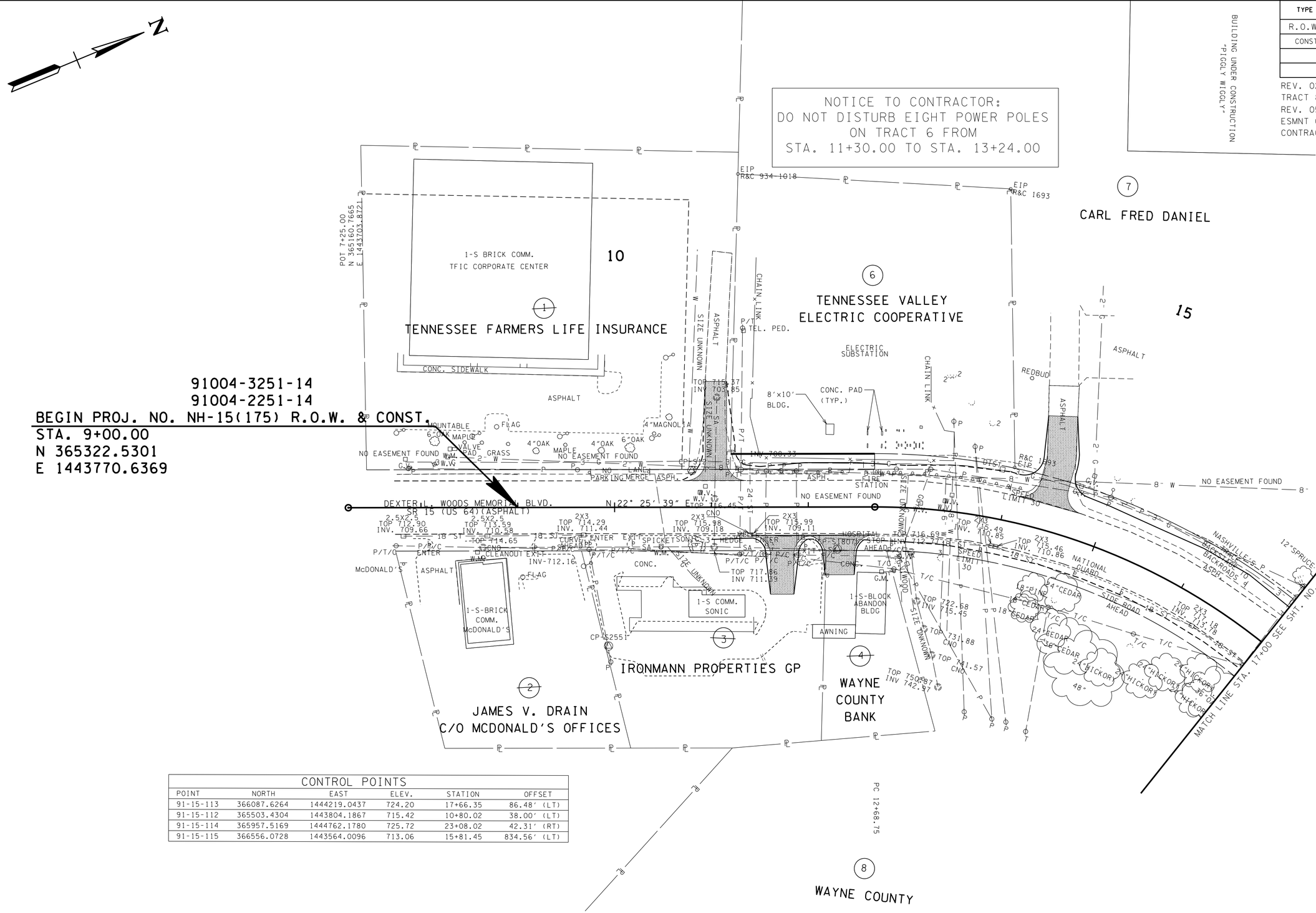
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	4
CONST	2014	NH/PHSIP-15(175)	4

REV. 02/18/14: NAME CHANGE ON TRACT 8.
REV. 05/30/14: REMOVED ROW & CONST ESMNT ON TRACT 1. ADDED NOTICE TO CONTRACTOR NOTE.



91004-3251-14
91004-2251-14
BEGIN PROJ. NO. NH-15(175) R.O.W. & CONST.
STA. 9+00.00
N 365322.5301
E 1443770.6369

CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
91-15-113	366087.6264	1444219.0437	724.20	17+66.35	86.48' (LT)
91-15-112	365503.4304	1443804.1867	715.42	10+80.02	38.00' (LT)
91-15-114	365957.5169	1444762.1780	725.72	23+08.02	42.31' (RT)
91-15-115	366556.0728	1443564.0096	713.06	15+81.45	834.56' (LT)

NOTE: CURVE DATA FOR DEXTER L. WOODS MEMORIAL BLVD. ON SHEET 5

UNOFFICIAL SET

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KATHERINE J. LLOYD
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 106475
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.7+25 TO STA.17+00

SCALE: 1"=50'

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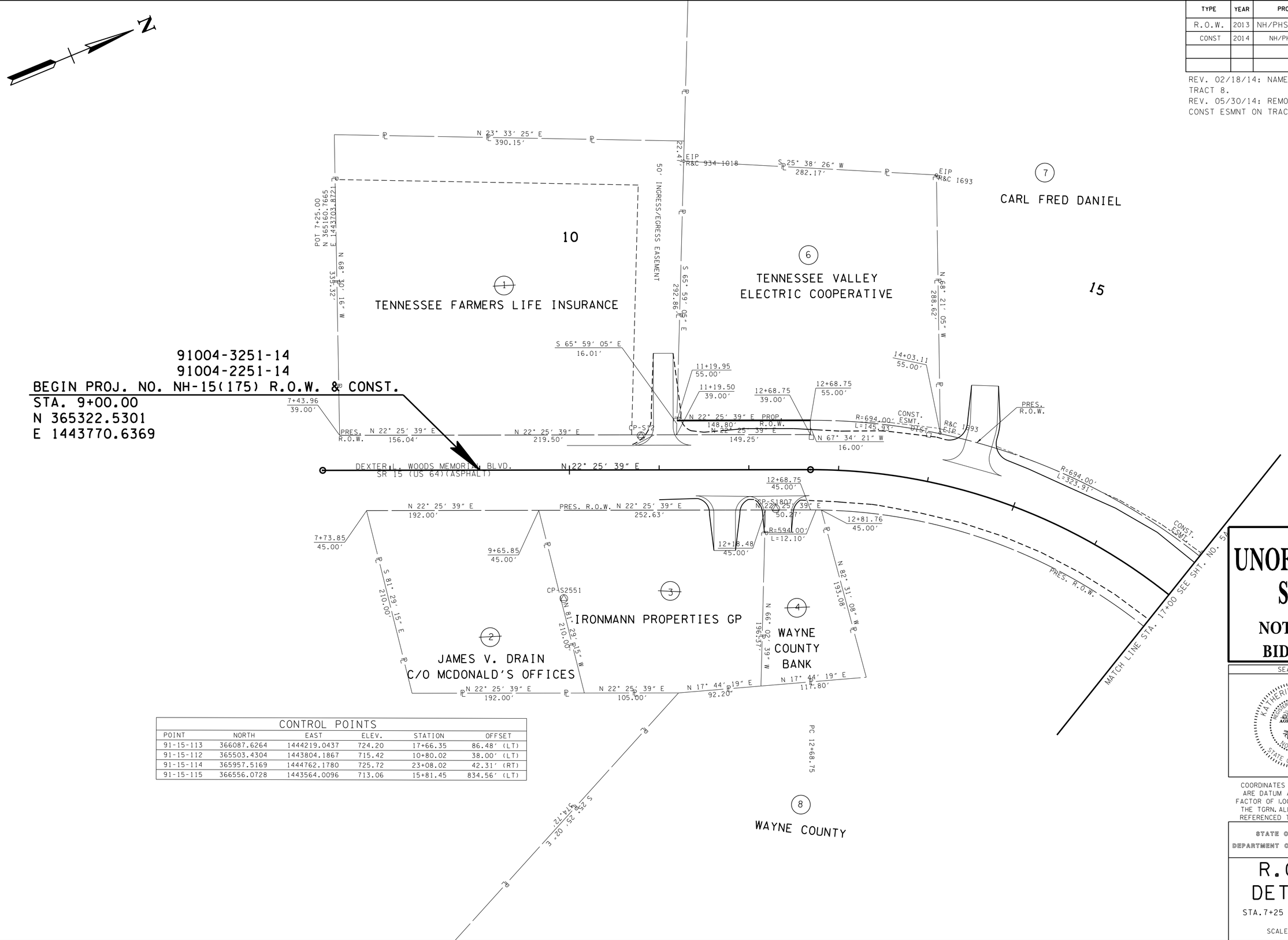
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	4A
CONST	2014	NH/PHSIP-15(175)	4A

REV. 02/18/14: NAME CHANGE ON TRACT 8.
REV. 05/30/14: REMOVED ROW & CONST ESMNT ON TRACT 1.



CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
91-15-113	366087.6264	1444219.0437	724.20	17+66.35	86.48′ (LT)
91-15-112	365503.4304	1443804.1867	715.42	10+80.02	38.00′ (LT)
91-15-114	365957.5169	1444762.1780	725.72	23+08.02	42.31′ (RT)
91-15-115	366556.0728	1443564.0096	713.06	15+81.45	834.56′ (LT)

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. DETAILS

STA.7+25 TO STA.17+00

SCALE: 1"=50′

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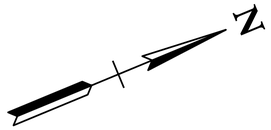
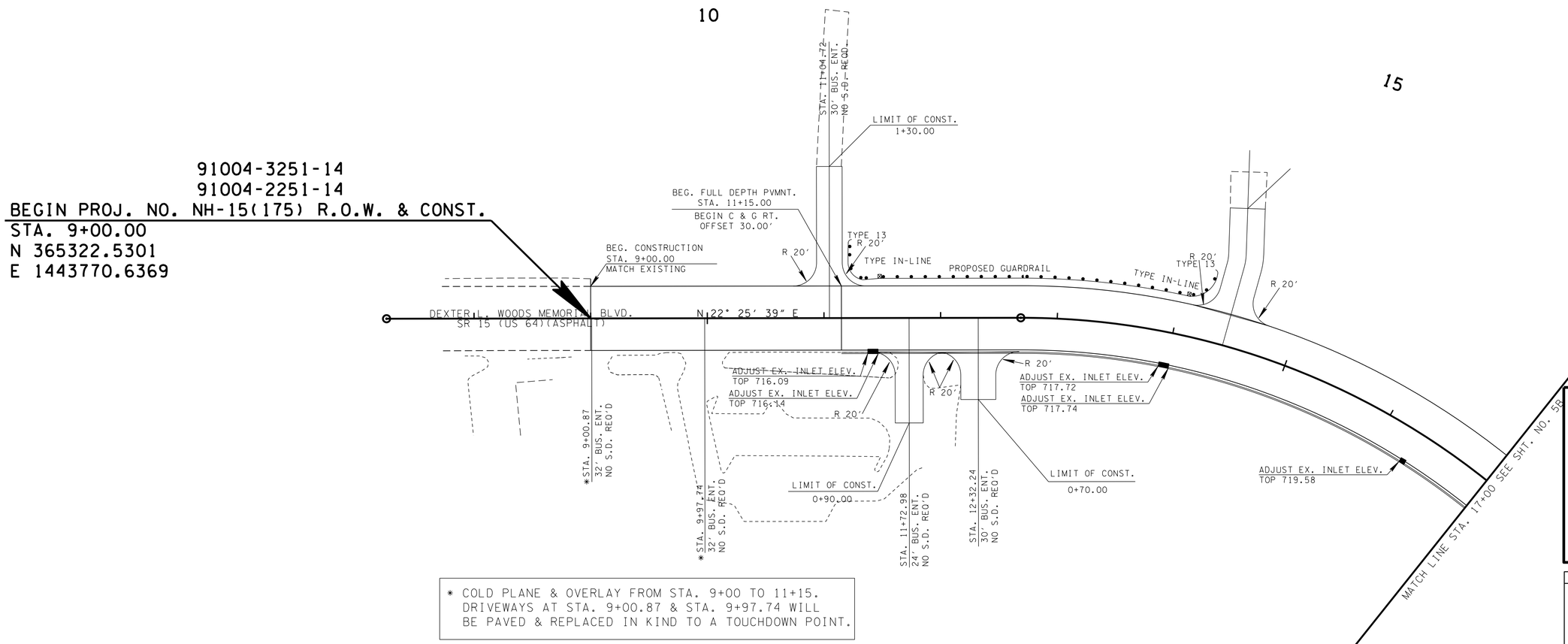
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	4B
CONST	2014	NH/PHSIP-15(175)	4B

REV. 05/30/14: ADJUSTED LIMITS OF FULL DEPTH PVMNT & C&G AT BEGINNING OF PROJECT.





* COLD PLANE & OVERLAY FROM STA. 9+00 TO 11+15. DRIVEWAYS AT STA. 9+00.87 & STA. 9+97.74 WILL BE PAVED & REPLACED IN KIND TO A TOUCHDOWN POINT.

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.7+25 TO STA.17+00

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	4C
CONST	2014	NH/PHSIP-15(175)	4C

ROADWAY EXC. (UNCL.) - SR-15 - 6,940 CY
ROADWAY EXC. (UNCL.) - INDUSTRIAL DR. - 2,306 CY
ROADWAY EXC. (UNCL.) - ORAN ST. - 972 CY
ROADWAY EXC. (UNCL.) - FARCE STAGGS LN. - 85 CY
ROADWAY EXC. (UNCL.) - D/W - 249 CY

TOTAL EXCAVATION = 10,552 CY

EMBANKMENT - SR-15 - 357 CY
EMBANKMENT - INDUSTRIAL DR. - 2 CY
EMBANKMENT - ORAN ST. - 0 CY
EMBANKMENT - FARCE STAGGS LN. - 53 CY
EMBANKMENT - D/W - 88 CY

TOTAL EMBANKMENT = 500 CY

91004-3251-14
91004-2251-14
BEGIN PROJ. NO. NH-15(175) R.O.W. & CONST.
STA. 9+00.00

OH WIRE
STA. 11+54.23
LOW WIRE EL.738.18'
TEMP. 53 DEG.
3 POWER
_ TELEPHONE
_ CABLE
_ GUY WIRE

OH WIRE
STA. 11+88.76
LOW WIRE EL.739.11'
TEMP. 53 DEG.
4 POWER
_ TELEPHONE
_ CABLE
_ GUY WIRE

OH WIRE
STA. 11+29.94
LOW WIRE EL.735.45'
TEMP. 53 DEG.
4 POWER
1 TELEPHONE
_ CABLE
_ GUY WIRE

_ GUY WIRE

OH WIRE
STA. 13+81.03
LOW WIRE EL.761.94'
TEMP. 47 DEG.
1 POWER
_ TELEPHONE
_ CABLE
_ GUY WIRE

OH WIRE
STA. 13+77.31
LOW WIRE EL.760.79'
TEMP. 47 DEG.
8 POWER
_ TELEPHONE
_ CABLE
_ GUY WIRE

OH WIRE
STA. 13+12.18
LOW WIRE EL.747.14'
TEMP. 53 DEG.
_ POWER
_ TELEPHONE
_ CABLE
1 GUY WIRE

OH WIRE
STA. 16+09.40
LOW WIRE EL.743.79'
TEMP. 47 DEG.
1 POWER
_ TELEPHONE
_ CABLE
_ GUY WIRE

VPI 9+00.00 EL. 714.85
VPI 9+32.75 EL. 715.12
VPI 9+86.12 EL. 715.55
VPI 10+36.12 EL. 715.93
VPI 10+94.47 EL. 716.40
VPI 11+47.96 EL. 716.88
VPI 11+65.25 EL. 716.99
VPI 11+97.97 EL. 717.9
VPI 12+60.36 EL. 717.60
VPI 13+18.28 EL. 718.13
VPI 13+63.78 EL. 718.58
VPI 14+20.12 EL. 718.89
VPI 14+76.59 EL. 719.36
VPI 15+39.41 EL. 719.81
VPI 15+65.06 EL. 720.05
VPI 15+80.79 EL. 720.15
VPI 15+92.49 EL. 720.30
VPI 16+30.97 EL. 720.66
VPI 16+91.43 EL. 721.08

MH -
STA. 8+64.11
41.34' (RT)
TOP 714.65
INVERT 712.05

CB -
STA. 7+82.02
29.59' (RT)
TOP 712.90
INVERT 709.66

CB -
STA. 8+68.56
29.53' (RT)
TOP 713.59
INVERT 710.58

CB -
STA. 9+68.18
28.62' (RT)
TOP 714.29
INVERT 711.64
TOP (ADJ) 714.70

MH -
STA. 11+03.00
40.87' (RT)
TOP 717.86
INVERT 711.39

91-15-112
STA. 10+80.02, -38.00'(LT)
N 365503.4304
E 1443804.1867
ELEV 715.42
ALUM. DISK

MH -
STA. 11+03.33
8.71' (LT)
TOP 716.45
INVERT 708.93

CB -
STA. 11+43.92
28.67' (RT)
TOP 715.99
INVERT 709.11
TOP (ADJ) 716.14

CB -
STA. 11+39.97
28.66' (RT)
TOP 715.98
INVERT 709.18
TOP (ADJ) 716.09

STA 11+39.96
EXISTING 24"
SKEW 89° 59' 13" RT
FLOWS LEFT
INLET 709.1800
OUTLET 708.3300

MH
STA. 13+09.14
45.32' (RT)
TOP 716.69
INVERT 712.77

CB -
STA. 13+95.60
28.34' (RT)
TOP 715.49
INVERT 710.85
TOP (ADJ) 717.72

CB -
STA. 13+99.67
28.35' (RT)
TOP 715.46
INVERT 710.86
TOP (ADJ) 717.74

EXIST. GROUND
GRAPHICAL GRADE
0.83% 0.80% 0.76% 0.80% 0.61% 0.60% 0.68% 0.88% 0.50% 0.89% 0.68% 0.61% 0.94% 0.48% 0.67% 0.90%
0.99%

EXIST. SEWER
EXIST. 3" GAS LINE
EXIST. 2" WATER LINE
EXIST. GAS LINE STA. 10+46.87
EXIST. GAS LINE STA. 13+01.51
EXIST. 6" WATER LINE STA. 13+41.12
EXIST. 8" WATER LINE STA. 13+48.16
EXIST. 8" WATER LINE
TOP (ADJ) 719.58
18" ST
SA
G
W

-0.02 (LEFT)
-0.02 (RIGHT)
0.033
-0.033
STA. 11+96.25
STA. 13+04.73
STA. 13+41.25

765 760 755 750 745 740 735 730 725 720 715 710 705 700 695 690 685 680 675 670

8+00 9+00 10+00 11+00 12+00 13+00 14+00 15+00 16+00 17+00

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KATHERINE J. LLOYD
REGISTERED ENGINEER
XVI AGRICULTURE
OMAHA
NO. 106425
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.7+25 TO STA.17+00
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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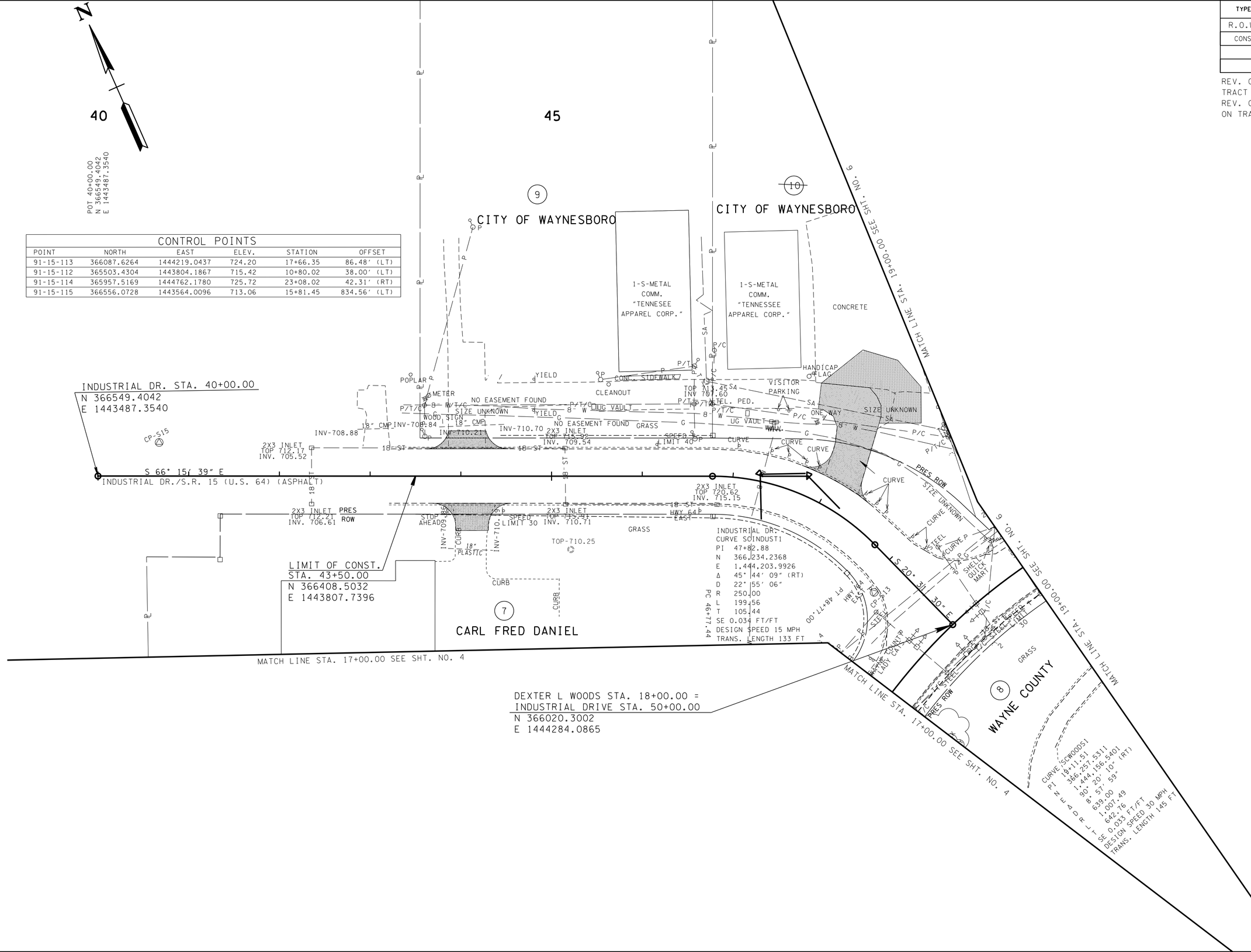
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	5
CONST	2014	NH/PHSIP-15(175)	5

REV. 02/18/14: NAME CHANGE ON TRACT 8.
REV. 05/30/14: REVISED DRIVEWAYS ON TRACTS 9 & 10.



CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
91-15-113	366087.6264	1444219.0437	724.20	17+66.35	86.48' (LT)
91-15-112	365503.4304	1443804.1867	715.42	10+80.02	38.00' (LT)
91-15-114	365957.5169	1444762.1780	725.72	23+08.02	42.31' (RT)
91-15-115	366556.0728	1443564.0096	713.06	15+81.45	834.56' (LT)

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KATHERINE J. LLOYD
REGISTERED ENGINEER
XVI
AGRICULTURE
COMMERCE
NO. 106423
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.17+00 TO STA.19+00

SCALE: 1"=50'

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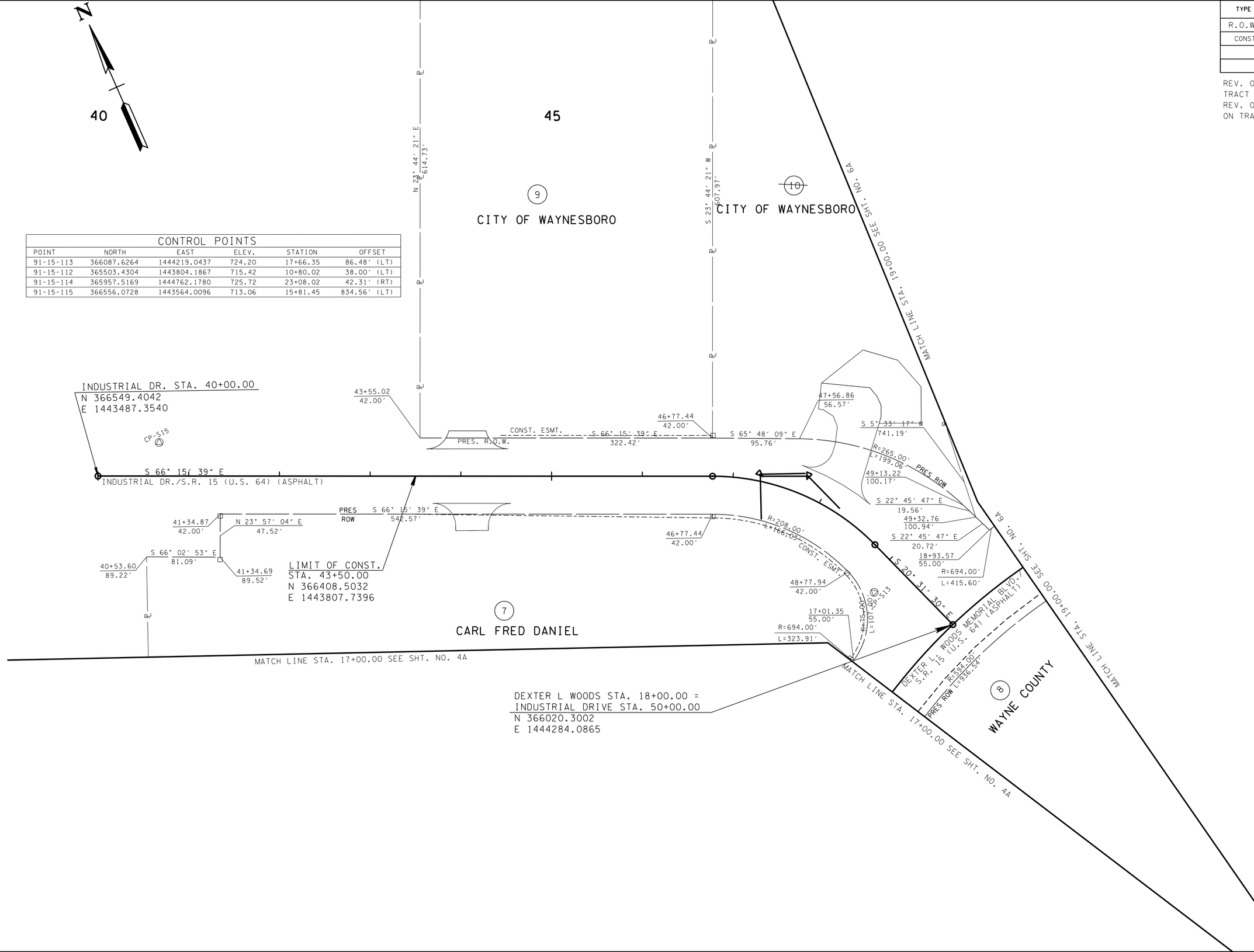
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	5A
CONST	2014	NH/PHSIP-15(175)	5A

REV. 02/18/14: NAME CHANGE ON TRACT 8.
REV. 05/30/14: REVISED DRIVEWAYS ON TRACTS 9 & 10.



CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
91-15-113	366087.6264	1444219.0437	724.20	17+66.35	86.48' (LT)
91-15-112	365503.4304	1443804.1867	715.42	10+80.02	38.00' (LT)
91-15-114	365957.5169	1444762.1780	725.72	23+08.02	42.31' (RT)
91-15-115	366556.0728	1443564.0096	713.06	15+81.45	834.56' (LT)

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KATHERINE J. LLOYD
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 106471
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. DETAILS

STA.17+00 TO STA.19+00

SCALE: 1"=50'

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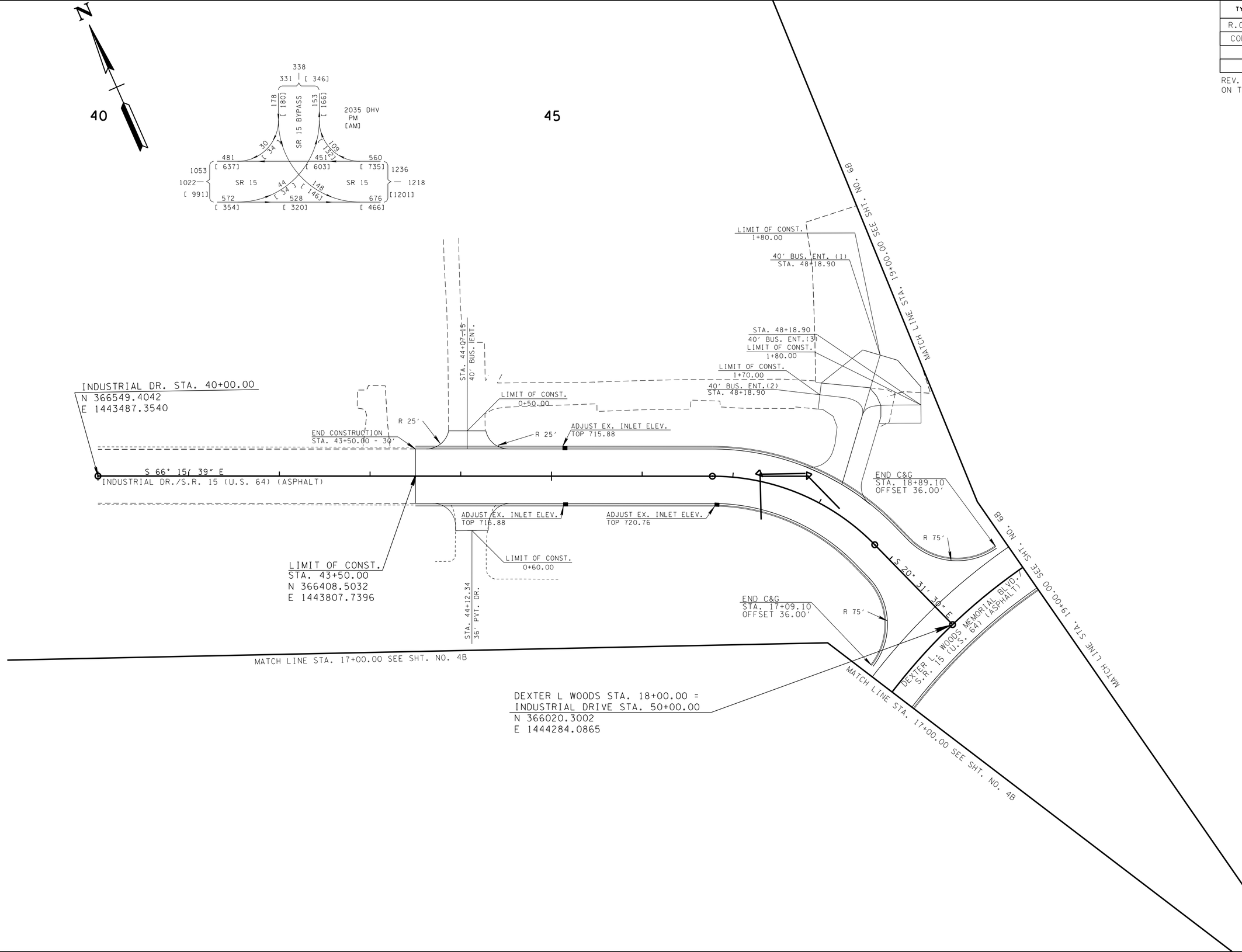
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	5B
CONST	2014	NH/PHSIP-15(175)	5B

REV. 05/30/14: REVISED DRIVEWAYS ON TRACTS 9 & 10.



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.17+00 TO STA.19+00

SCALE: 1"=50'

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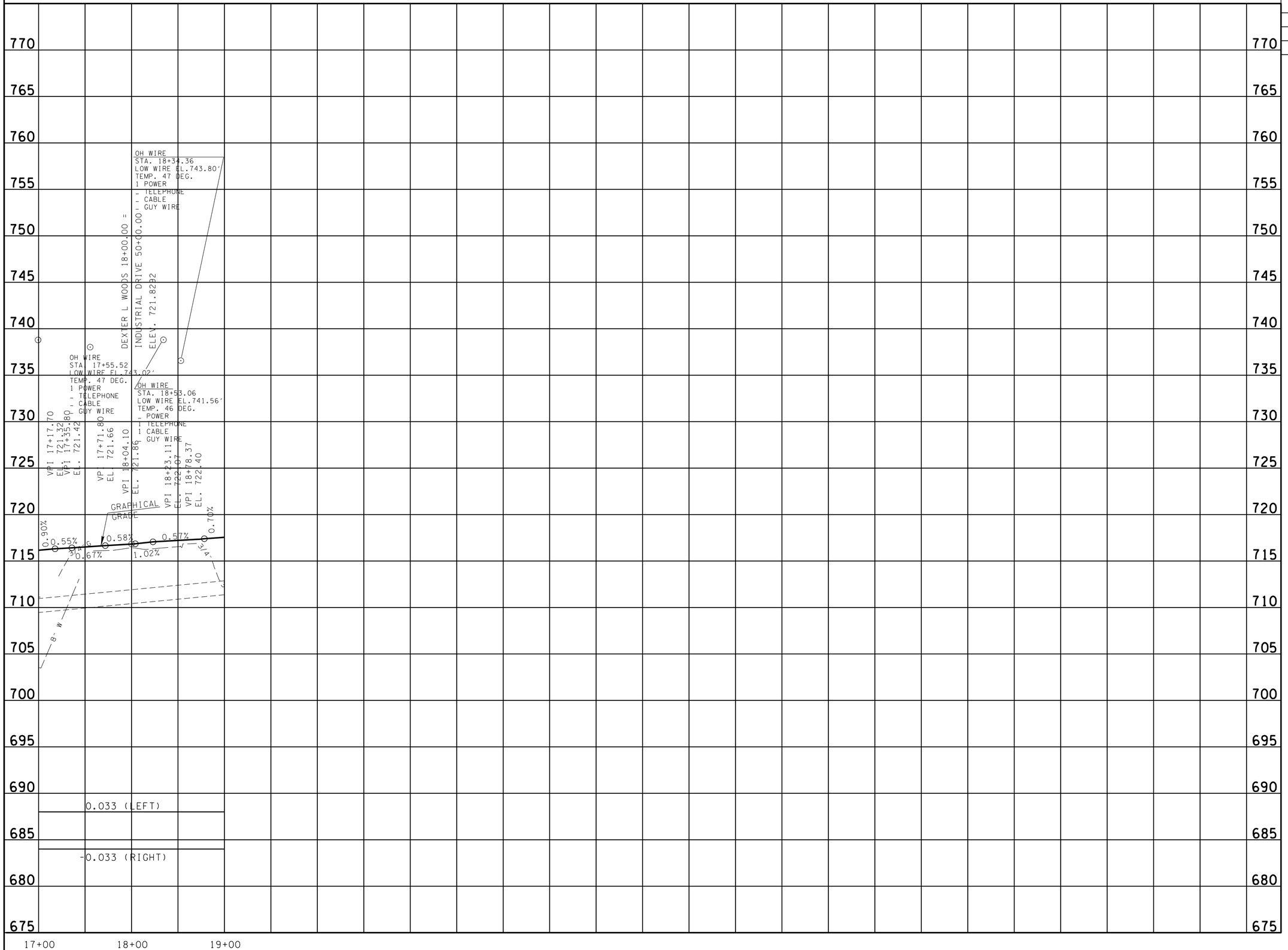
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	5C
CONST	2014	NH/PHSIP-15(175)	5C



UNOFFICIAL SET

NOT FOR BIDDING

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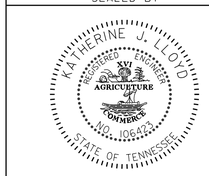

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.17+00 TO STA.19+00

SCALE: 1"=50' HORIZ.
1"=5' VERT.

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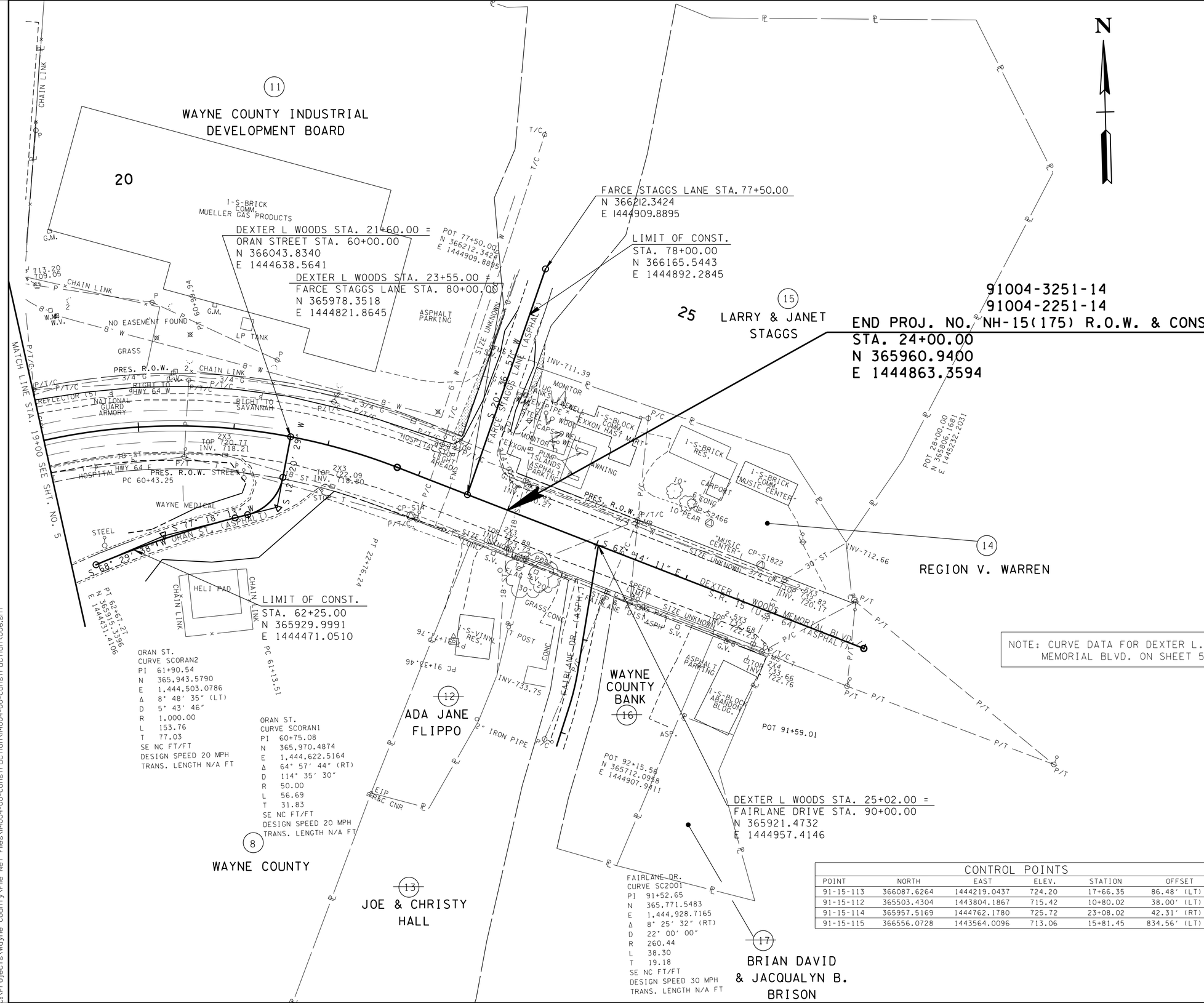
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	6
CONST	2014	NH/PHSIP-15(175)	6

REV. 02/18/14: NAME CHANGE ON TRACT 8.
REV. 03/18/14: REMOVED CONST & SLOPE ESMNT FROM TRACT 14 & 15.
REV. 05/30/14: REMOVED SLOPE ESMNT & REVISED CONST ESMNT ON TRACT 11. REMOVED CONST ESMNT ON TRACTS 12 & 13. ADDED CONST ESMNT ON TRACTS 14 & 15. REMOVED CONST & SLOPE ESMNT ON TRACT 16. REVISED PROJECT LIMITS.
REV. 07/22/14: REVISED CUT SLOPE ON EAST SIDE OF FARCE STAGGS LANE.



CONTROL POINTS					
POINT	NORTH	EAST	ELEV.	STATION	OFFSET
91-15-113	366087.6264	1444219.0437	724.20	17+66.35	86.48′ (LT)
91-15-112	365503.4304	1443804.1867	715.42	10+80.02	38.00′ (LT)
91-15-114	365957.5169	1444762.1780	725.72	23+08.02	42.31′ (RT)
91-15-115	366556.0728	1443564.0096	713.06	15+81.45	834.56′ (LT)

UNOFFICIAL SET

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KATHERINE J. LLOYD
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 106433
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA.19+00 TO STA.28+00

SCALE: 1"=50′

29-SEP-2014 10:38
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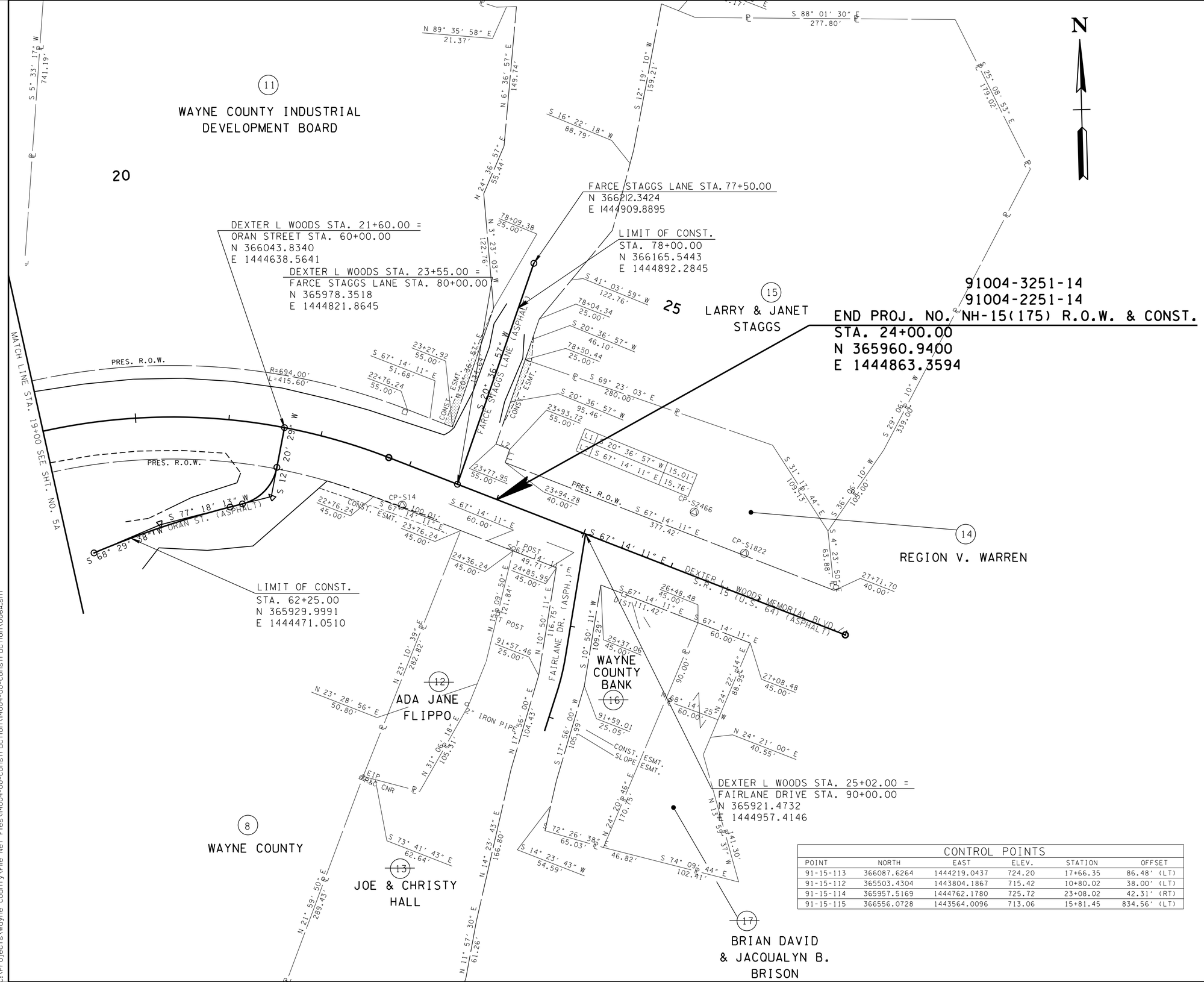
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	6A
CONST	2014	NH/PHSIP-15(175)	6A

REV. 02/18/14: NAME CHANGE ON TRACT 8.

REV. 03/18/14: REMOVED CONST & SLOPE ESMNT FROM TRACT 14 & 15.

REV. 05/30/14: REMOVED SLOPE ESMNT & REVISED CONST ESMNT ON TRACT 11. REMOVED CONST ESMNT ON TRACTS 12 & 13. ADDED CONST ESMNT ON TRACTS 14 & 15. REMOVED CONST & SLOPE ESMNT ON TRACT 16. UPDATED PROJECT LIMITS.

REV. 07/22/14: REVISED CUT SLOPE ON EAST SIDE OF FARCE STAGGS LANE.



CONTROL POINTS

POINT	NORTH	EAST	ELEV.	STATION	OFFSET
91-15-113	366087.6264	1444219.0437	724.20	17+66.35	86.48' (LT)
91-15-112	365503.4304	1443804.1867	715.42	10+80.02	38.00' (LT)
91-15-114	365957.5169	1444762.1780	725.72	23+08.02	42.31' (RT)
91-15-115	366556.0728	1443564.0096	713.06	15+81.45	834.56' (LT)

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KATHERINE J. LLOYD
REGISTERED ENGINEER
XIV AGRICULTURE COMMERCE
NO. 106473
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

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DEPARTMENT OF TRANSPORTATION

R.O.W. DETAILS

STA.19+00 TO STA.28+00

SCALE: 1"=50'

29-SEP-2014 10:38
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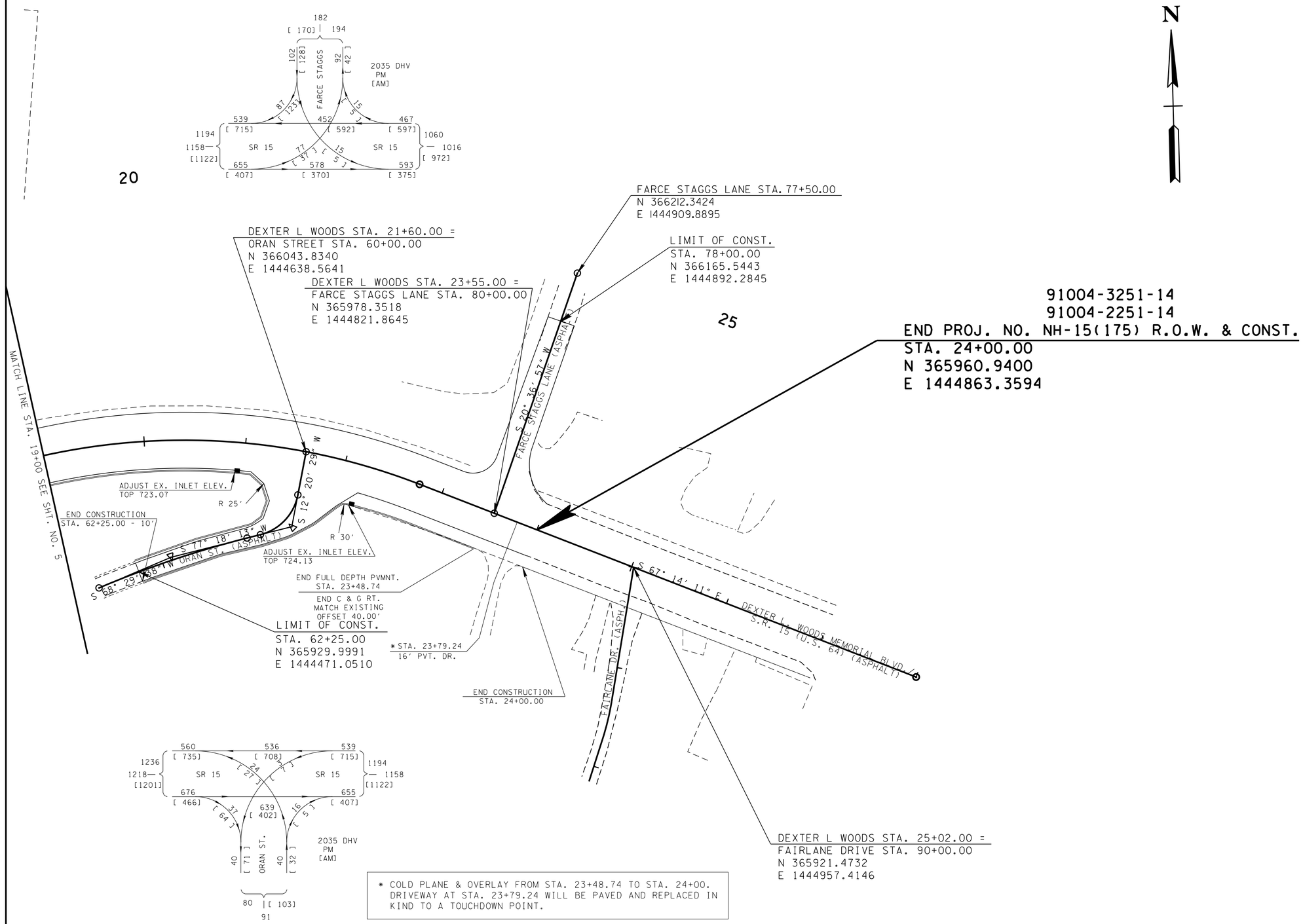
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	6B
CONST	2014	NH/PHSIP-15(175)	6B

REV. 05/30/14:REMOVED SLOPE ESMNT & REVISED CONST ESMNT ON TRACT 11. REMOVED CONST ESMNT ON TRACTS 12 & 13. ADDED CONST ESMNT ON TRACTS 14 & 15. REMOVED CONST & SLOPE ESMNT ON TRACT 16. REVISED PROJECT LIMITS.



* COLD PLANE & OVERLAY FROM STA. 23+48.74 TO STA. 24+00. DRIVEWAY AT STA. 23+79.24 WILL BE PAVED AND REPLACED IN KIND TO A TOUCHDOWN POINT.

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KATHERINE J. LLOYD
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 106423
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA.19+00 TO STA.28+00

SCALE: 1"=50'

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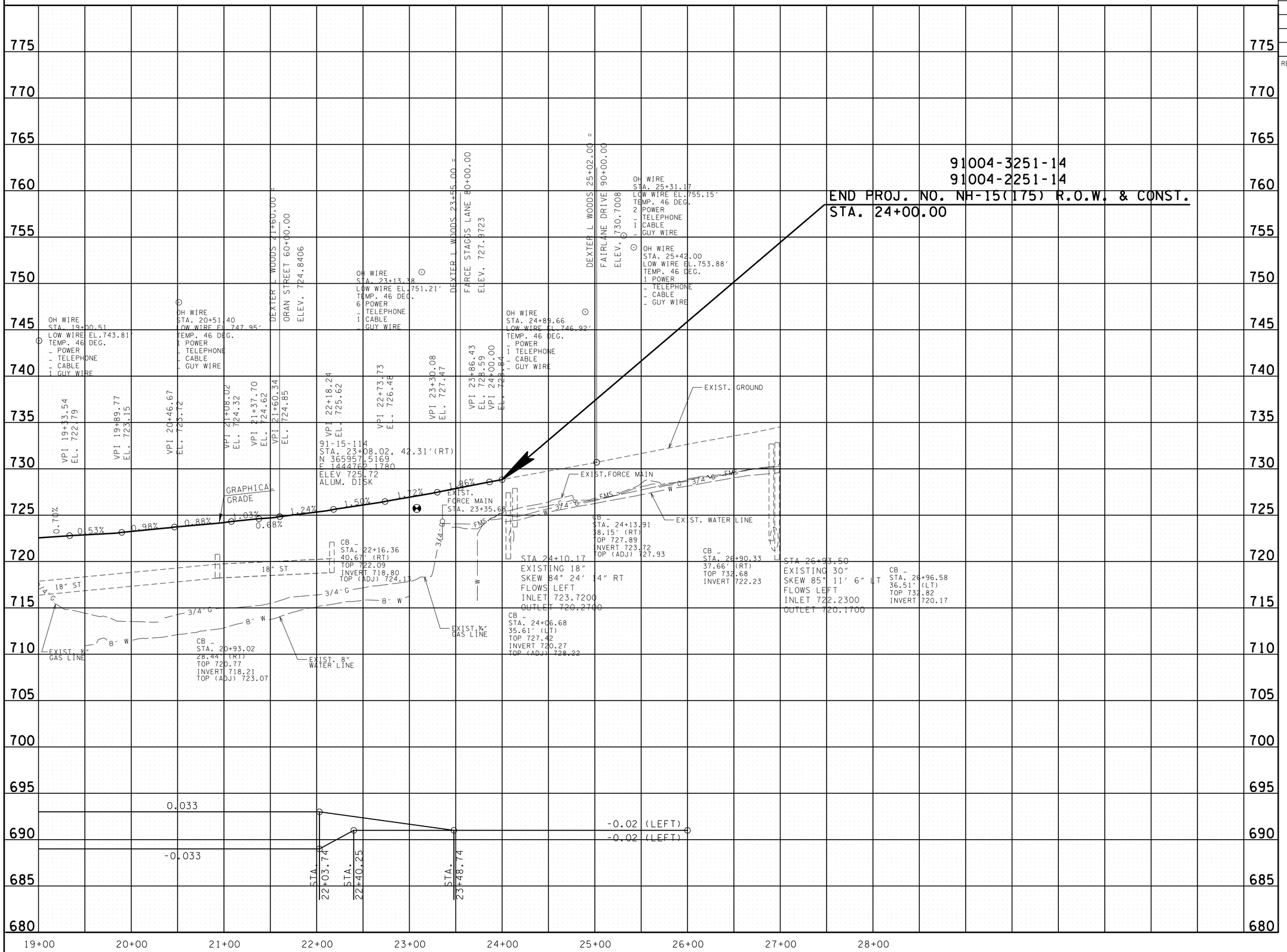
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	6C
CONST	2014	NH/PHSIP-15(175)	6C

REV. 05/30/14: REVISED PROJECT LIMITS.



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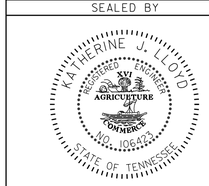

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.19+00 TO STA.28+00

SCALE: 1"=50' HORIZ.
1"=5' VERT.

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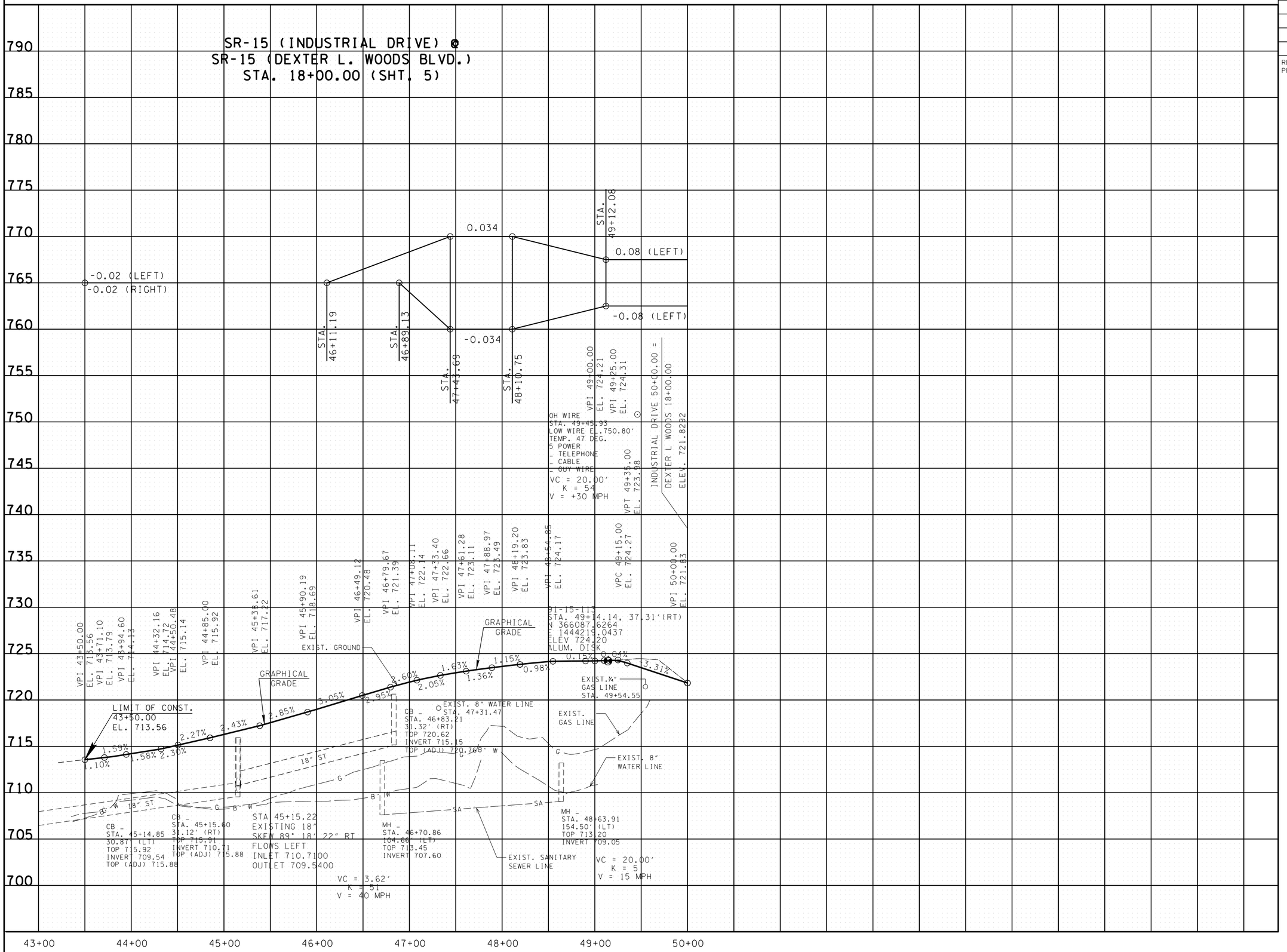
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	7
CONST	2014	NH/PHSIP-15(175)	7

REV. 05/30/14: REMOVED FAIRLANE DRIVE PROFILE.



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KATHERINE J. LLOYD
REGISTERED ENGINEER
XV
AGRICULTURE
COMMERCE
No. 106473
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

SCALE: 1"=50' HORIZ.
1"=5' VERT.

29-SEP-2014 10:38
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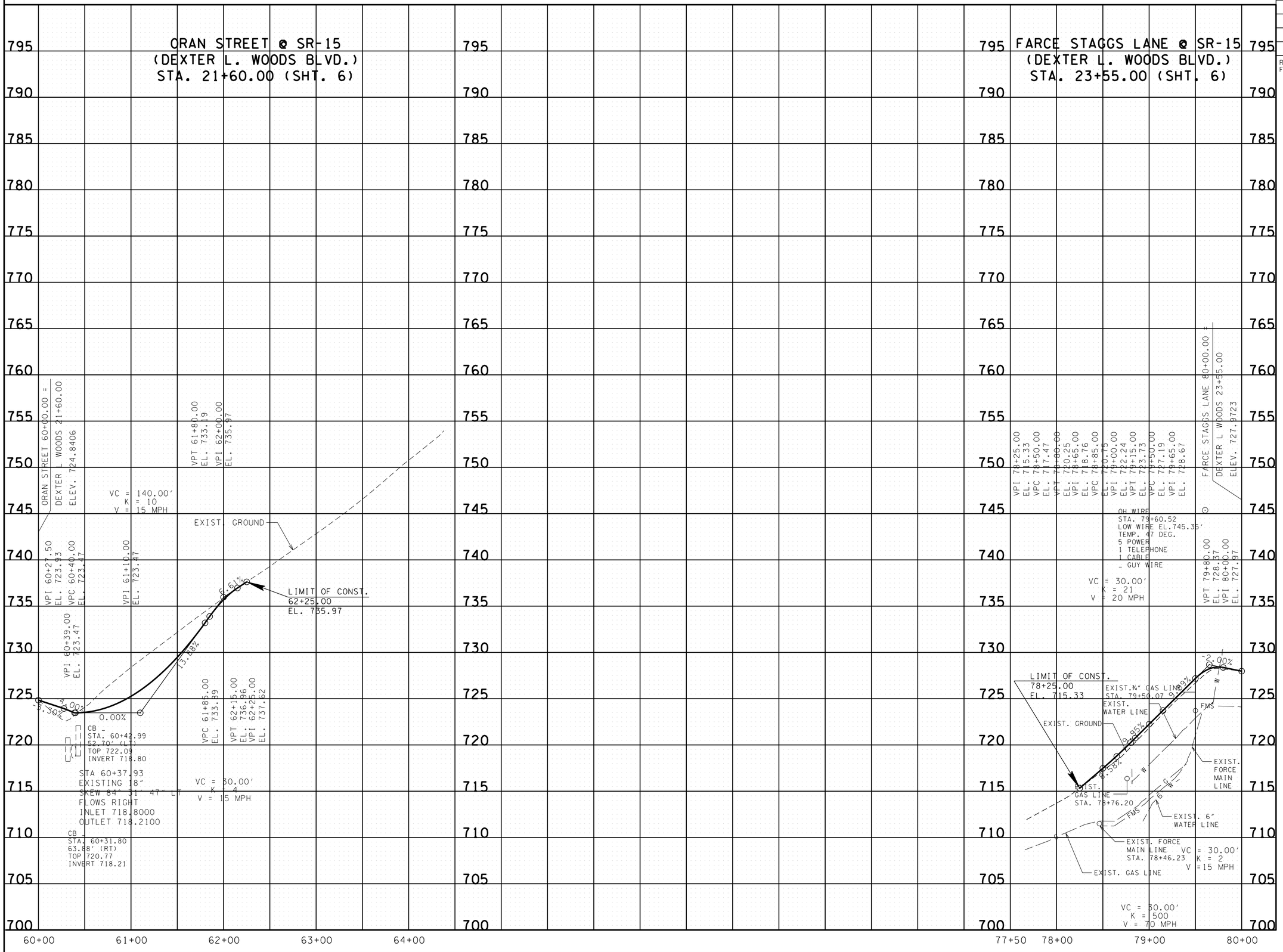
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	7A
CONST	2014	NH/PHSIP-15(175)	7A

REV. 05/30/14: REVISED ALIGNMENT ON FARCE STAGGS LANE.



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KATHERINE J. LLOYD
NO. 106423
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF SIDE ROADS AND STREETS

SCALE: 1"=50' HORIZ.
1"=5' VERT.

29-SEP-2014 10:38
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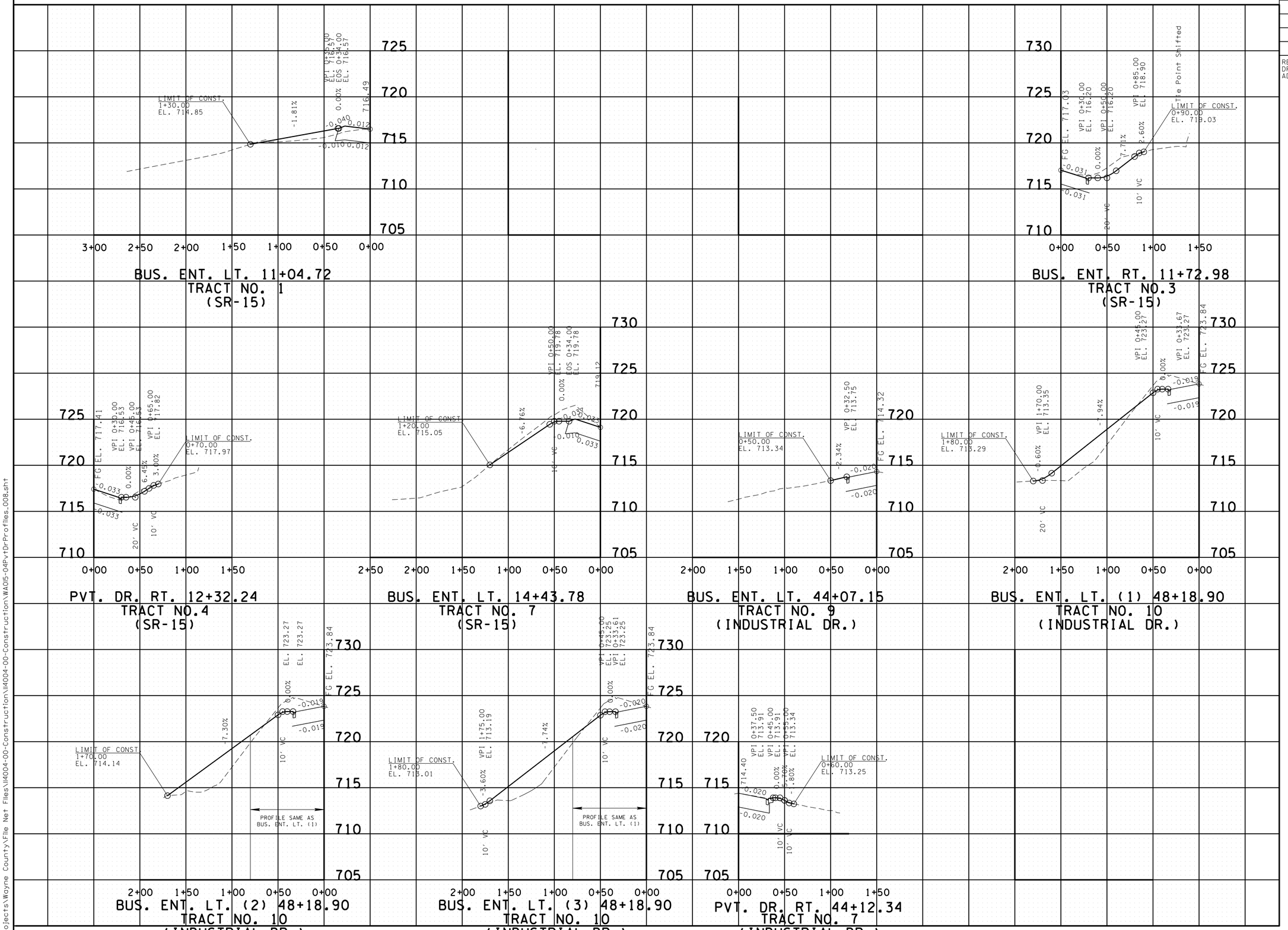
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	8
CONST	2014	NH/PHSIP-15(175)	8

REV. 05/30/14: REMOVED TRACTS 13 & 14 DRIVEWAYS. REVISED TRACT 9 DRIVEWAY. ADDED 3 DRIVEWAY PROFILES TO TRACT 10.



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PROFILE OF PRIVATE DRIVES

SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

29-SEP-2014 10:38
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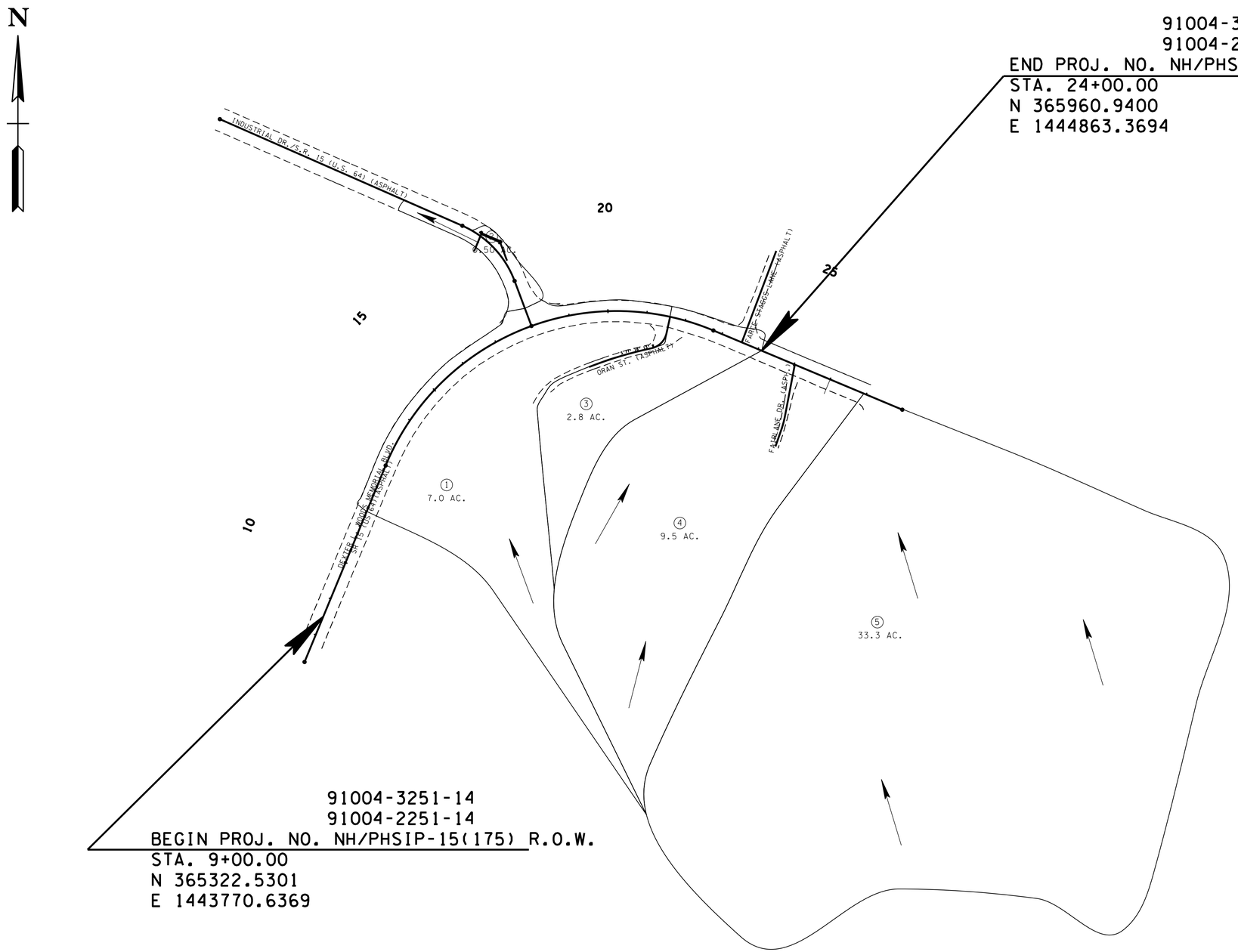
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	9
CONST	2014	NH/PHSIP-15(175)	9

SEE SHEETS 9A-9C FOR HYDRAULIC DATA

C FACTOR UNAVAILABLE



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COORDINATES ARE NAD/B3(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA.9+00 TO STA.26+00

SCALE: 1"=150'

29-SEP-2014 10:38
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	9A
CONST	2014	NH/PHSIP-15(175)	9A

DRAINAGE DATA FOR PIPE

STATION 11+39.96

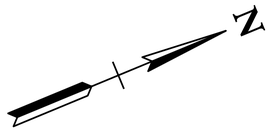
DIRECTION OF FLOW LEFT

DRAINAGE AREA 9.8 ACRES ,( )FLAT;(X)ROLLING;( )HILLY;( )MTNS.

PRESENT STRUCTURE: 24" RCP

EXISTING STRUCTURE CONDITION: POOR

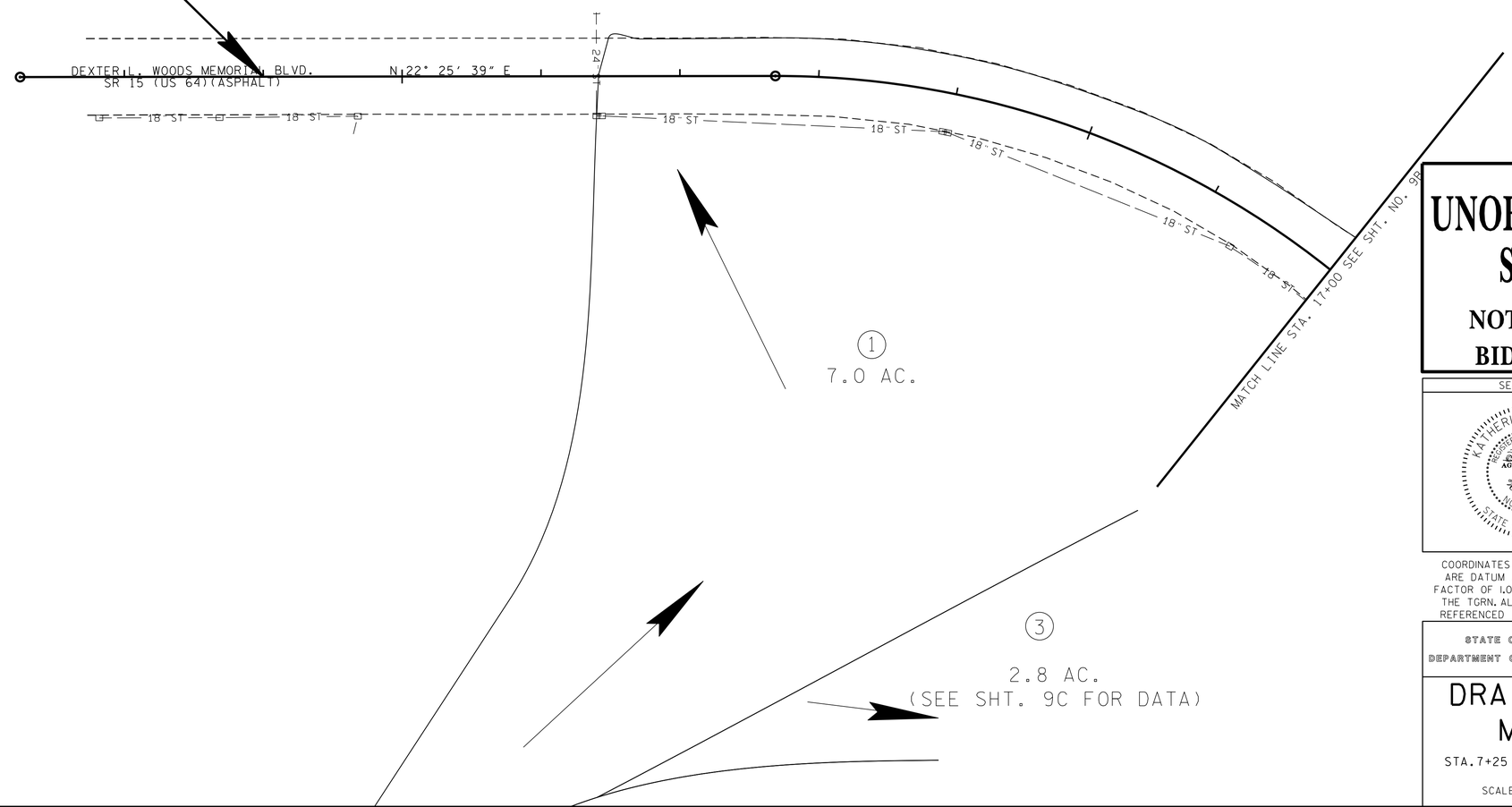
REMARKS:



10

15

91004-3251-14
91004-2251-14
BEGIN PROJ. NO. NH-15(175) R.O.W. & CONST.
STA. 9+00.00
N 365322.5301
E 1443770.6369



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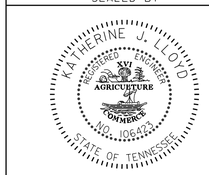
NOT FOR BIDDING

SEALED BY



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA.7+25 TO STA.17+00

SCALE: 1"=50'

29-SEP-2014 10:38
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	9B
CONST	2014	NH/PHSIP-15(175)	9B

DRAINAGE DATA FOR PIPE

STATION 45+15.22

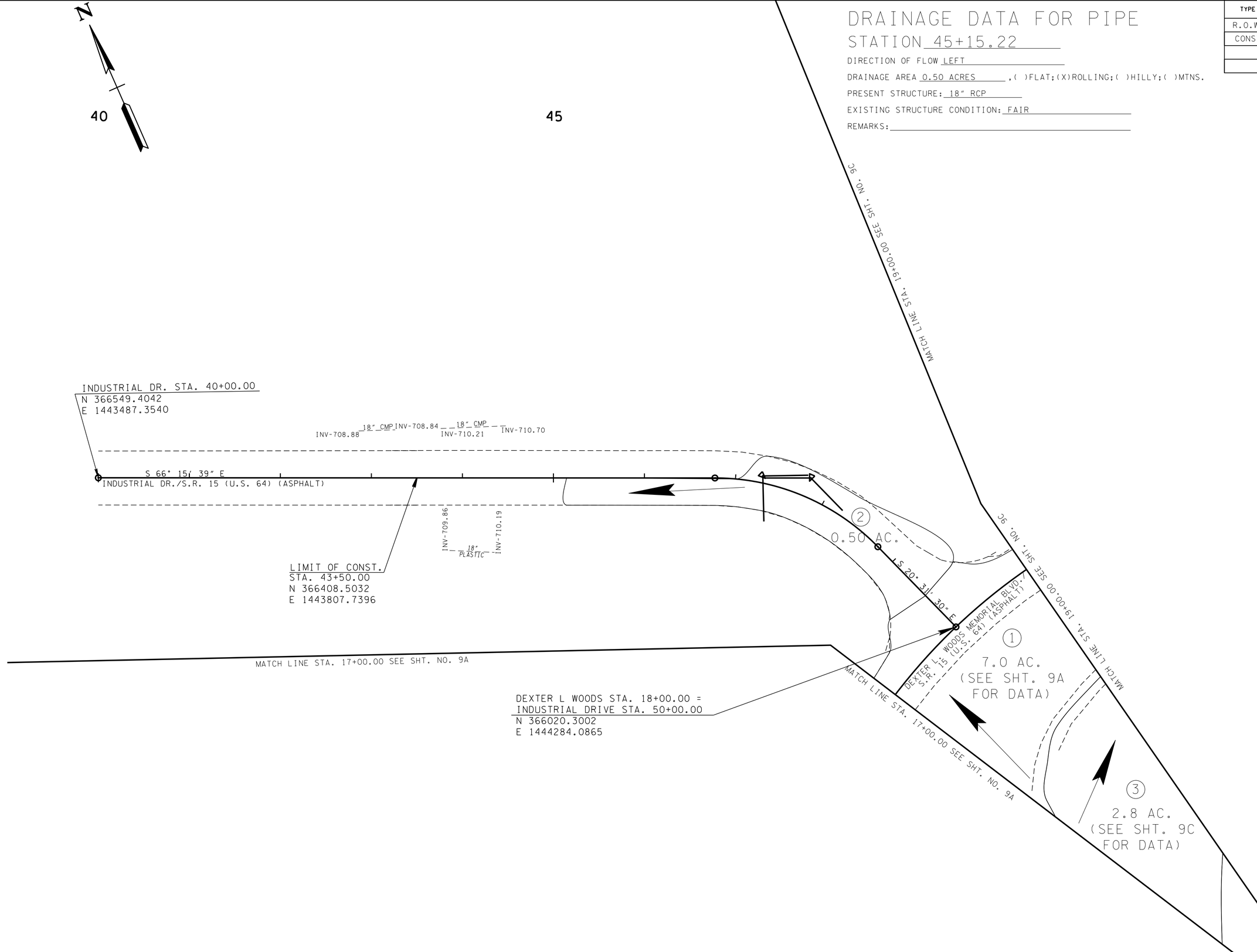
DIRECTION OF FLOW LEFT

DRAINAGE AREA 0.50 ACRES ,( )FLAT;(X)ROLLING;( )HILLY;( )MTNS.

PRESENT STRUCTURE: 18" RCP

EXISTING STRUCTURE CONDITION: FAIR

REMARKS:



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STATE OF TENNESSEE

DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA.17+00 TO STA.19+00

SCALE: 1"=50'

29-SEP-2014 10:38
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	9C
CONST	2014	NH/PHSIP-15(175)	9C

DRAINAGE DATA FOR PIPE
STATION 60+37.93 ORAN ST.

DIRECTION OF FLOW RIGHT

DRAINAGE AREA 2.8 ACRES ,( )FLAT;(X)ROLLING;( )HILLY;( )MTNS.

PRESENT STRUCTURE: 18" RCP

EXISTING STRUCTURE CONDITION: POOR

REMARKS:

DRAINAGE DATA FOR PIPE
STATION 24+10.17 SR 15

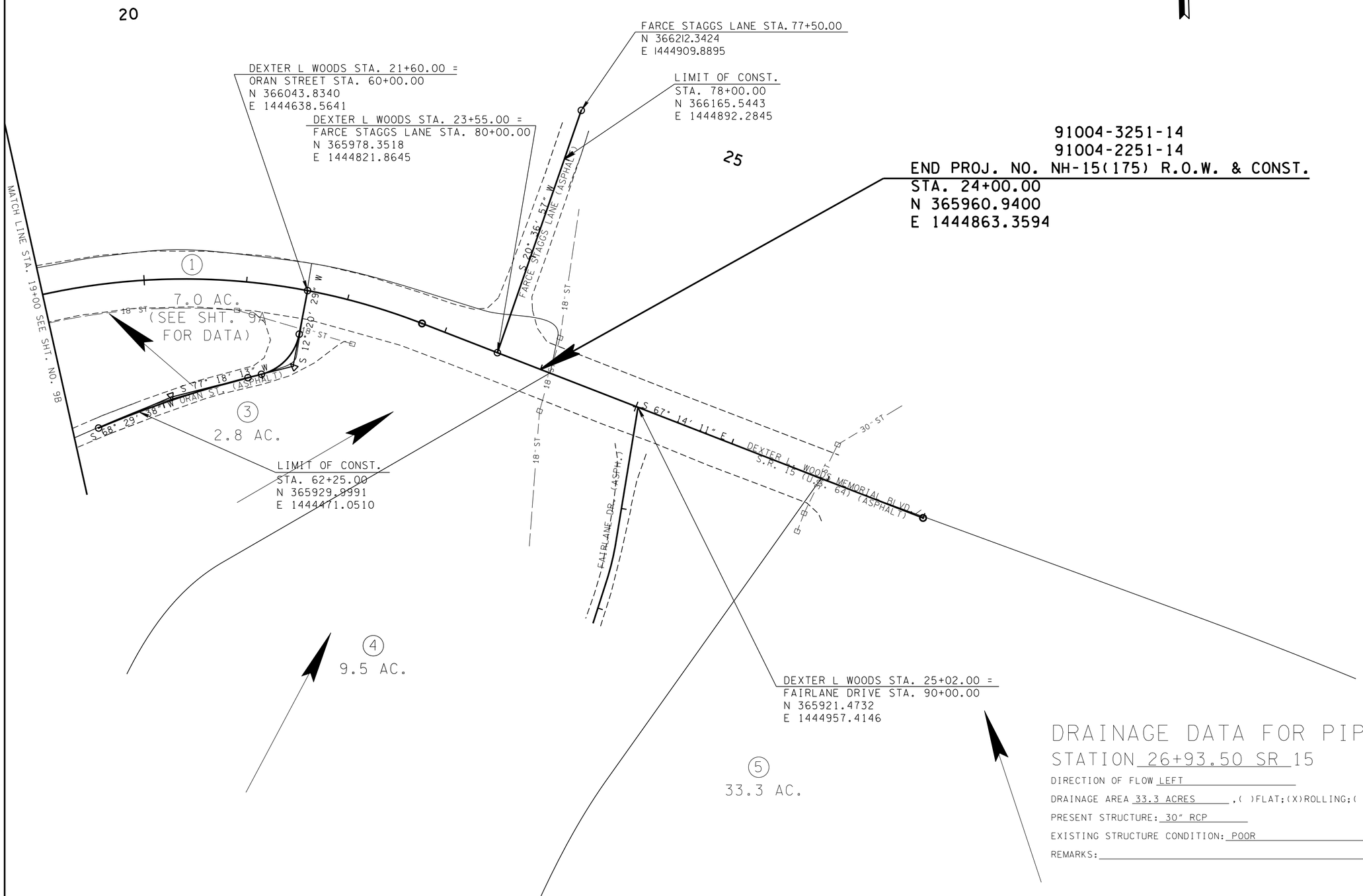
DIRECTION OF FLOW LEFT

DRAINAGE AREA 9.5 ACRES ,( )FLAT;(X)ROLLING;( )HILLY;( )MTNS.

PRESENT STRUCTURE: 18" RCP

EXISTING STRUCTURE CONDITION: POOR

REMARKS:



DRAINAGE DATA FOR PIPE
STATION 26+93.50 SR 15

DIRECTION OF FLOW LEFT

DRAINAGE AREA 33.3 ACRES ,( )FLAT;(X)ROLLING;( )HILLY;( )MTNS.

PRESENT STRUCTURE: 30" RCP

EXISTING STRUCTURE CONDITION: POOR

REMARKS:

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KATHERINE J. LLOYD
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 106433
STATE OF TENNESSEE

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA.19+00 TO STA.28+00

SCALE: 1"=50'

29-SEP-2014 10:38
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EROSION PREVENTION AND SEDIMENT CONTROL NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	10
CONST	2014	NH/PHSIP-15(175)	10

NPDES

(1) NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S PLAN FOR THE STAGING OF THEIR OPERATIONS, INCLUDING THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, HAS BEEN ACCEPTED BY THE ENGINEER. THE CONTRACTOR'S EPSC PLAN SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE BASIC EPSC DEVICES ON THE EPSC PLAN CONTAINED IN THE APPROVED SWPPP.

(2) THE EPSC MEASURES AND/OR PLAN SHALL BE MODIFIED AS NECESSARY SO THAT THEY ARE EFFECTIVE AT ALL TIMES THROUGHOUT THE COURSE OF THE PROJECT.

(3) THE ACCEPTED EPSC PLAN SHALL REQUIRE THAT EPSC MEASURES BE IN PLACE BEFORE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OCCURS, EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES, INCLUDING WITHOUT LIMITATION AS FOLLOWS:

A. INITIAL CLEARING AND GRUBBING SHALL BE LIMITED TO THAT NECESSARY FOR THE INSTALLATION OF APPLICABLE EPSC MEASURES IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

B. NO OTHER CLEARING AND GRUBBING OPERATIONS SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

C. NO CULVERT OR BRIDGE CONSTRUCTION SHALL BE STARTED BEFORE APPLICABLE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

D. NO GRADING, EXCAVATION, CUTTING, FILLING, OR OTHER EARTHWORK SHALL BE STARTED BEFORE EPSC MEASURES ARE IN PLACE IN ACCORDANCE WITH THE ACCEPTED EPSC PLAN INCORPORATED INTO THE SWPPP.

(4) PERMANENT EPSC MEASURES SHALL BE INITIATED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OF ANY SEQUENCE OR PHASE. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED WITHIN 14 CALENDAR DAYS AFTER FINAL GRADING OR WHEN CONSTRUCTION ACTIVITIES ON A PORTION OF THE SITE ARE TEMPORARILY CEASED AND EARTH DISTURBING ACTIVITIES WILL NOT RESUME UNTIL AFTER 14 CALENDAR DAYS. PERMANENT STABILIZATION WITH PERENNIAL VEGETATION OR OTHER PERMANENTLY STABLE NON-ERODING SURFACE SHALL REPLACE ANY TEMPORARY MEASURES AS SOON AS PRACTICABLE. UNPACKED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES) OR CRUSHER-RUN WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACE.

(5) STEEP SLOPES (A NATURAL OR CREATED SLOPE OF 35% GRADE (2.8H:1V) OR GREATER REGARDLESS OF HEIGHT) SHALL BE TEMPORARILY STABILIZED NO LATER THAN 7 CALENDAR DAYS AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED.

(6) FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION SUPPORT ACTIVITIES; TDOT PROJECTS ARE COVERED UNDER THE "WASTE AND BORROW" MANUAL PER THE SSWMP.

(7) EXCEPT AS OTHERWISE SPECIFIED, THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THIS PROJECT THAT INDICATE A NEED FOR SEASONAL LIMITATIONS ON THE CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING OR FILLING OPERATIONS OR ON THE TOTAL AREA OF EXPOSED SOIL.

UTILITY RELOCATION

(8) RAIN WATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A DEWATERING STRUCTURE OR SEDIMENT FILTER BAG AND MAINTAINED.

(9) SILT FENCE SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF STOCKPILED SOIL. TRENCHING ACROSS WET WEATHER CONVEYANCES SHALL BE DONE DURING NO FLOW CONDITIONS AND STABILIZED BY THE END OF THE WORK DAY

(10) UTILITY CROSSINGS FOR PERENNIAL STREAMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS AND NO WORK SHALL BE CONDUCTED IN FLOWING WATERS. TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO UTILITIES IN THIS PROJECT IN REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL (EPSC). THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTION PREVENTION PLANS (SWPPP).

(11) IT IS THE RESPONSIBILITY OF THE STATE UTILITY CONTRACTOR INSTALLER TO PROTECT FROM EROSION EXPOSED EARTH RESULTING FROM THEIR OPERATIONS AND TO PROVIDE FOR CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM THEIR WORK. PRIOR TO BEGINNING WORK, ADEQUATE MEASURES MUST BE IN PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE EVENT OF RAIN. DURING THE PROGRESSION OF THEIR WORK, EXPOSED EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EROSION. AT NO TIME SHALL EXPOSED EARTH RESULTING FROM THEIR OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND ENTERING WATERS OF THE STATE/U.S.

(12) FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES), TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED DAILY IF POSSIBLE, BUT NO LATER THAN SEVEN DAYS AFTER BEING BACKFILLED. ANY TEMPORARY SPOIL OF EXCAVATED EARTH SHALL BE LOCATED WITHIN TDOT EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES OR RECEIVE SEPARATE EPSC MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT, APPROPRIATE EPSC MEASURES WILL BE INSTALLED BY THE STATE UTILITY CONTRACTOR UNTIL SUCH TIME AS THE TRENCH IS BACKFILLED.

(13) IN REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL (EPSC), TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE STATE UTILITY CONTRACTORS IN THIS PROJECT, THEREFORE, THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTIONS PREVENTION PLANS (SWPPP). THE STATE CONTRACTOR IS RESPONSIBLE FOR EPSC MEASURES RELATED TO UTILITY CONSTRUCTION INCLUDED IN THE STATE CONTRACT WORK.

(14) TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY CAUSE STORM WATER RUNOFF TO CONCENTRATE AT THE TRENCH LINE. ADDITIONAL EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES MAY BE REQUIRED TO BE INSTALLED AS APPROVED BY THE TDOT PROJECT ENGINEER.

(15) FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE TDOT RIGHT-OF-WAY, EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) SHALL BE INSTALLED PRIOR TO CLEARING (TRENCHING AND ASSOCIATED BLASTING) IN THOSE AREAS NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA. THESE EPSC MEASURES SHALL REMAIN UNTIL THE BACKFILLED TRENCH IS STABILIZED WITH FINAL VEGETATIVE COVER.

(16) THE UTILITY CONTRACTOR SHALL RESTORE ALL AFFECTED WET WEATHER CONVEYANCES TO THE EXISTING TOPOGRAPHIC CONDITIONS (AS APPROVED BY THE TDOT PROJECT ENGINEER).

(17) THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES TO REPLACE IN-PLACE EPSC MEASURES REMOVED TO FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE TDOT PROJECT ENGINEER BEFORE COMMENCING WORK.

EPSC QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1	203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	29
2	209-05	SEDIMENT REMOVAL	C.Y.	20
	209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	10926
	209-08.08	ENHANCED ROCK CHECK DAM	EACH	2
	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	11
	209-20.03	POLYETHYLENE SHEETING (6 MIL. MINIMUM)	S.Y.	75
3	303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	43
4	709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	51
6	740-10.03	GEOTEXTILE (TYPE III) (EROSION CONTROL)	S.Y.	86
7	740-11.04	TEMPORARY SEDIMENT TUBE 20 IN (EROSION CONTROL)	L.F.	500
	805-12.03	EROSION CONTROL BLANKET (TYPE II)	S.Y.	500

1 TEMPORARY CONSTRUCTION EXIT - 29 CY
2 TO BE USED ON ROCK CHECK DAMS.
3 TEMPORARY CONSTRUCTION EXIT - 43 TON
4 TEMPORARY CONSTRUCTION EXIT - 51 TON
6 TEMPORARY CONSTRUCTION EXIT - 86 SY
7 TO BE USED WHERE AND AS DIRECTED BY THE ENGINEER, UNLESS NOTED ON PLANS.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND

SYMBOL	ITEM	STD. DWG.
* SF * SF * SF *	SILT FENCE	EC-STR-3B
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CULVERT PROTECTION (TYPE 1)	EC-STR-11
TCE	*TEMPORARY CONSTRUCTION EXIT	EC-STR-25
	*EROSION CONTROL BLANKET	EC-STR-34
4	CURB INLET PROTECTION (TYPE 4)	EC-STR-39A

* TO BE USED WHERE AND AS DIRECTED BY THE ENGINEER.

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

KATHERINE J. LLOYD
REGISTERED ENGINEER
AGRICULTURE COMMERCE
NO. 106423
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

29-SEP-2014 10:38
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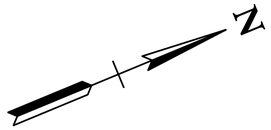
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	11
CONST	2014	NH/PHSIP-15(175)	11



POT 7+25.00
N 365160.7665
E 1443703.8721

10

15

91004-3251-14
91004-2251-14
BEGIN PROJ. NO. NH-15(175) R.O.W. & CONST.
STA. 9+00.00
N 365322.5301
E 1443770.6369

OUT - 1
DA = 0.5

OUT - 2
DA = 9.8

OUT - 3
DA = 1.3

DEXTER L. WOODS MEMORIAL BLVD.
SR-15 (US 64)(ASPHALT)

N 22° 25' 39" E

24-ST

18-ST

MATCH LINE STA. 17+00 SEE SHT. NO. 11A

PC 12+68.75

NOTE:
ALL DRAINAGE AREAS IN ACRES.

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.000004 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.7+25 TO STA.17+00

SCALE: 1"=50'

PHASE I
EXISTING
CONTOURS

29-SEP-2014 10:40
C:\Projects\Wayne County\File Net Files\11\4004-00-Construction\11\4004-00-Construction\WASR15EPSCPL11.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	11A
CONST	2014	NH/PHSIP-15(175)	11A

NOTE:
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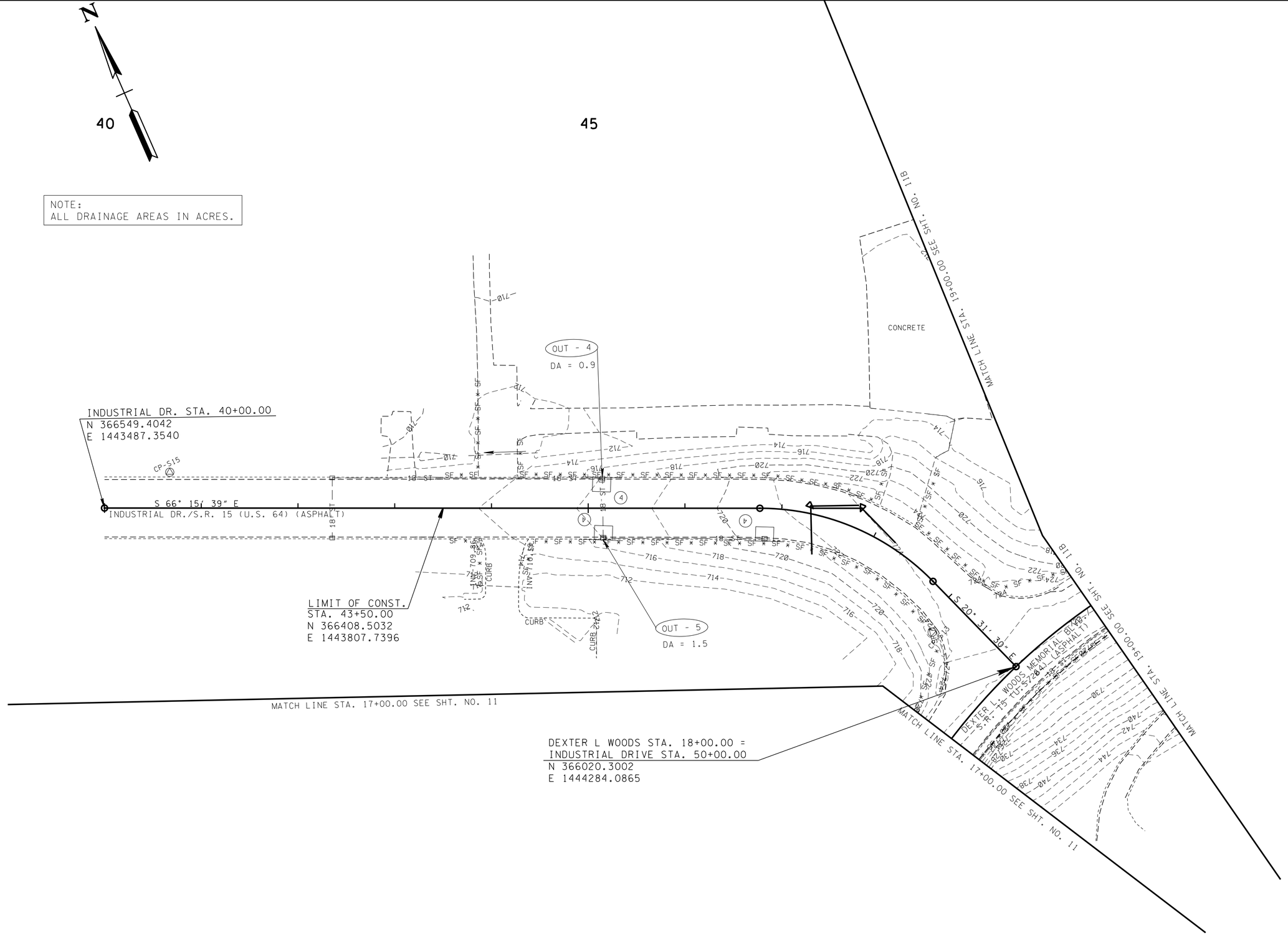

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PHASE I
EXISTING
CONTOURS

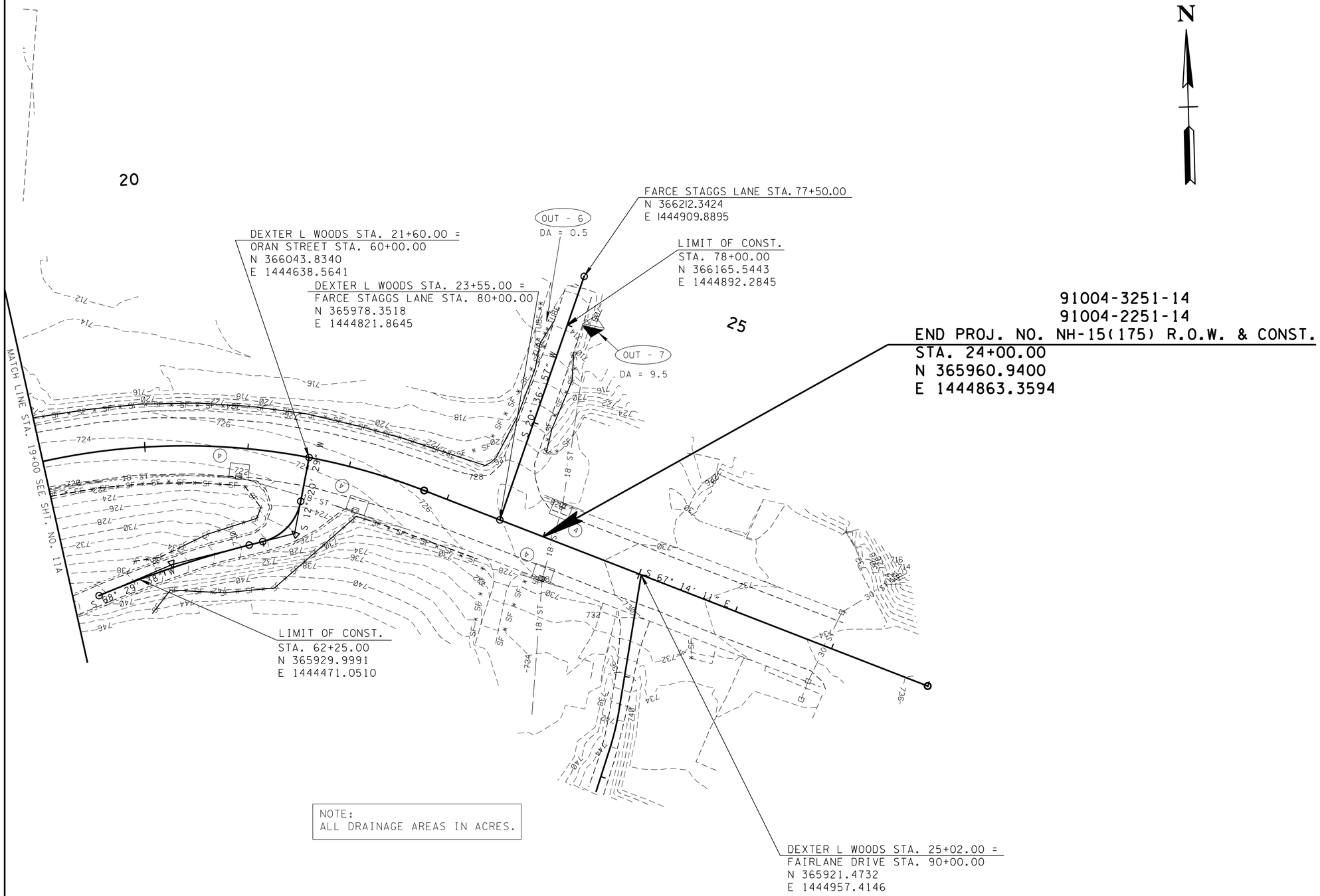
EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.17+00 TO STA.19+00

SCALE: 1"=50'

29-SEP-2014 10:40
C:\Projects\Wayne County\File Net Files\11A004-00-Construction\11A004-00-Construction\WASR15EPSCP_11A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	11B
CONST	2014	NH/PHSIP-15(175)	11B



NOTE:
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UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PHASE I EXISTING CONTOURS

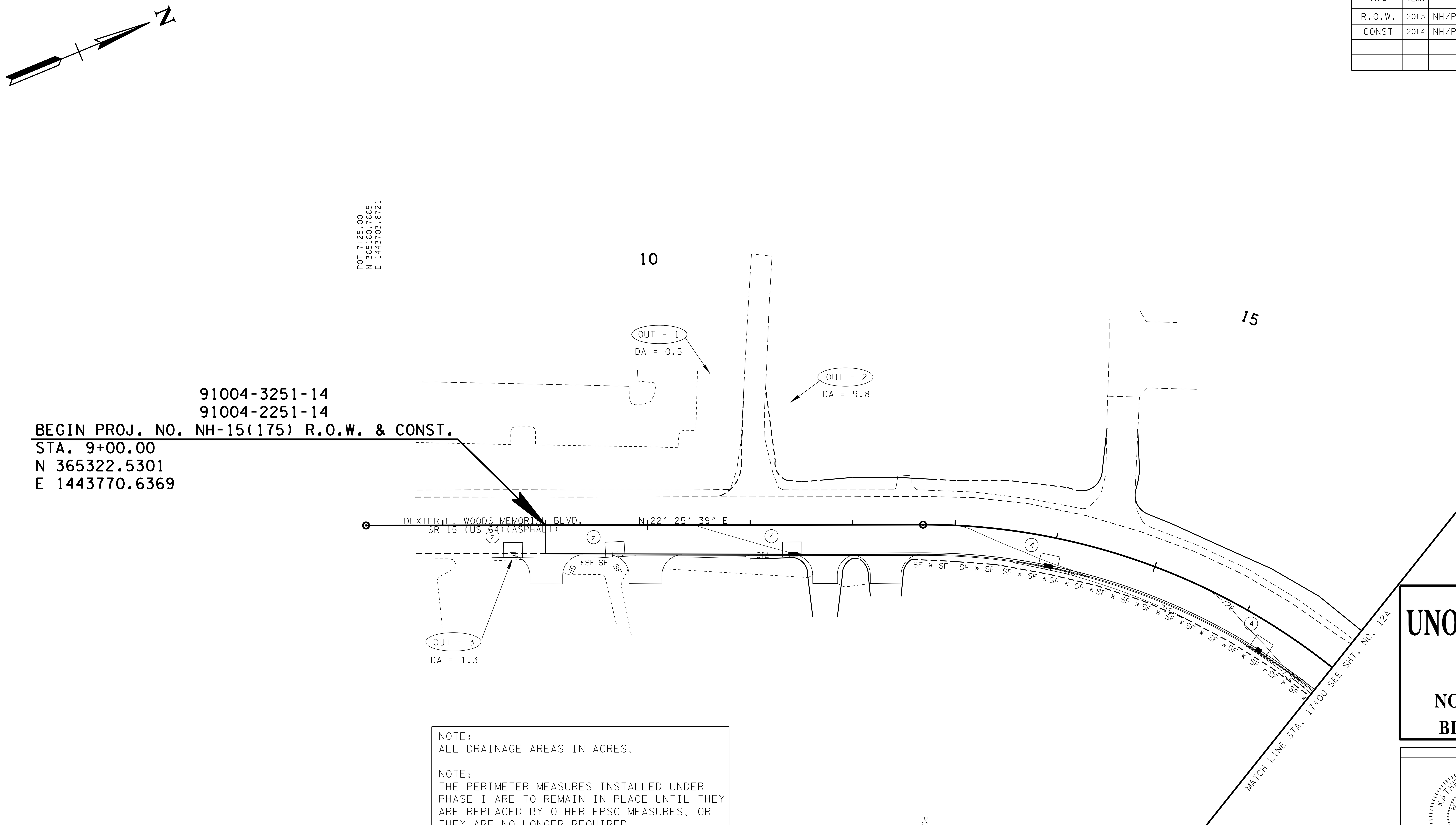
EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.19+00 TO STA.28+00

SCALE: 1"=50'

29-SEP-2014 10:40
C:\Projects\Wayne County\File Net Files\11A004-00-Construction\11A004-00-Construction\WASR15EPSCPL_11B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	12
CONST	2014	NH/PHSIP-15(175)	12



NOTE:
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NOTE:
THE PERIMETER MEASURES INSTALLED UNDER PHASE I ARE TO REMAIN IN PLACE UNTIL THEY ARE REPLACED BY OTHER EPSC MEASURES, OR THEY ARE NO LONGER REQUIRED.

NOTE:
EPSC PHASE II TO COINCIDE WITH PHASE II OF THE TRAFFIC CONTROL PLAN.

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

KATHERINE J. LLOYD
REGISTERED ENGINEER
XVI AGRICULTURE COMMERCE
NO. 106423
STATE OF TENNESSEE

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.7+25 TO STA.17+00

SCALE: 1″=50′

PHASE II PROPOSED CONTOURS

29-SEP-2014 10:40
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	12A
CONST	2014	NH/PHSIP-15(175)	12A

NOTE:
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NOTE:
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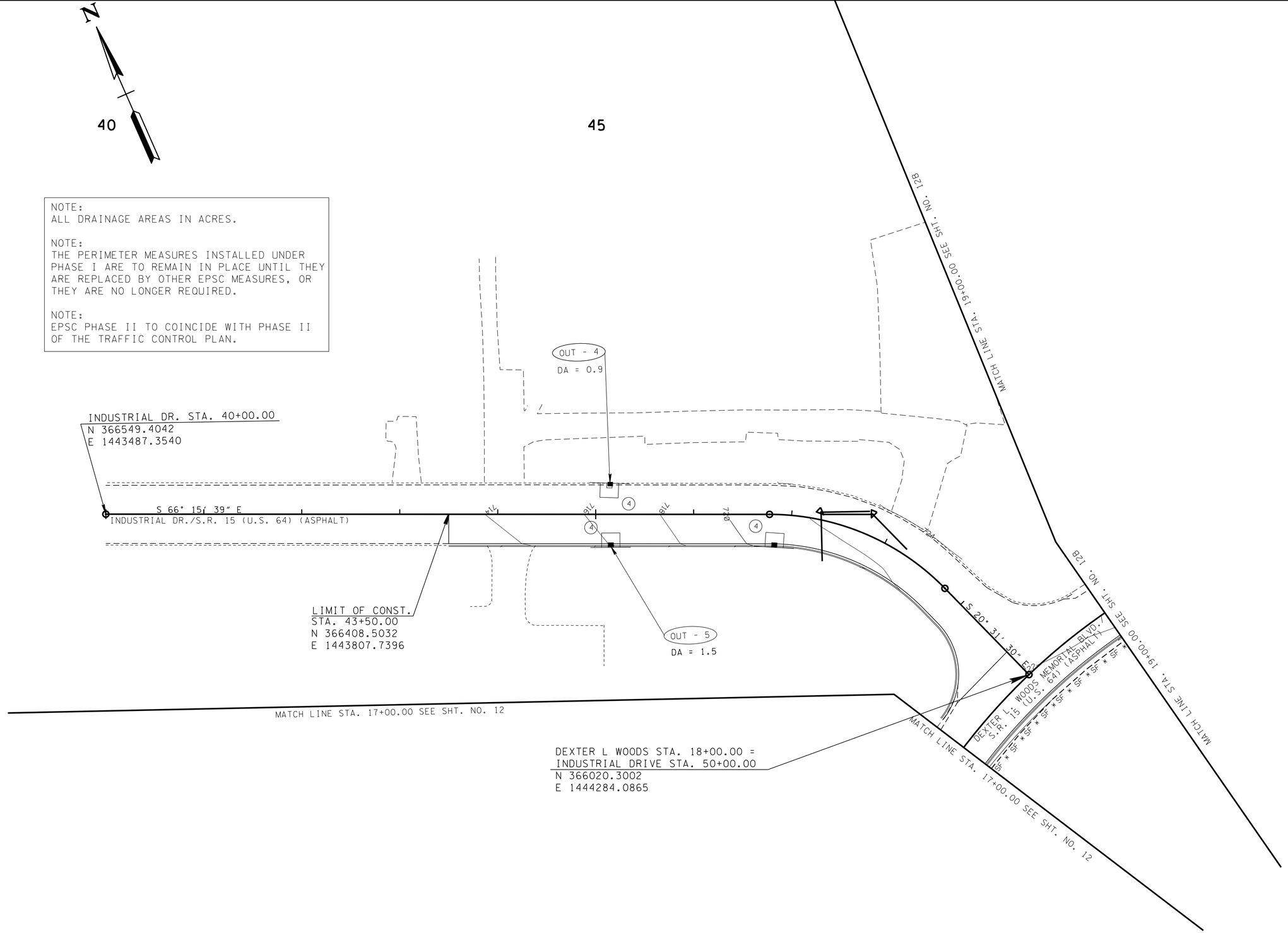
NOTE:
EPSC PHASE II TO COINCIDE WITH PHASE II OF THE TRAFFIC CONTROL PLAN.



UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PHASE II PROPOSED CONTOURS

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.17+00 TO STA.19+00

SCALE: 1"=50'

29-SEP-2014 10:40
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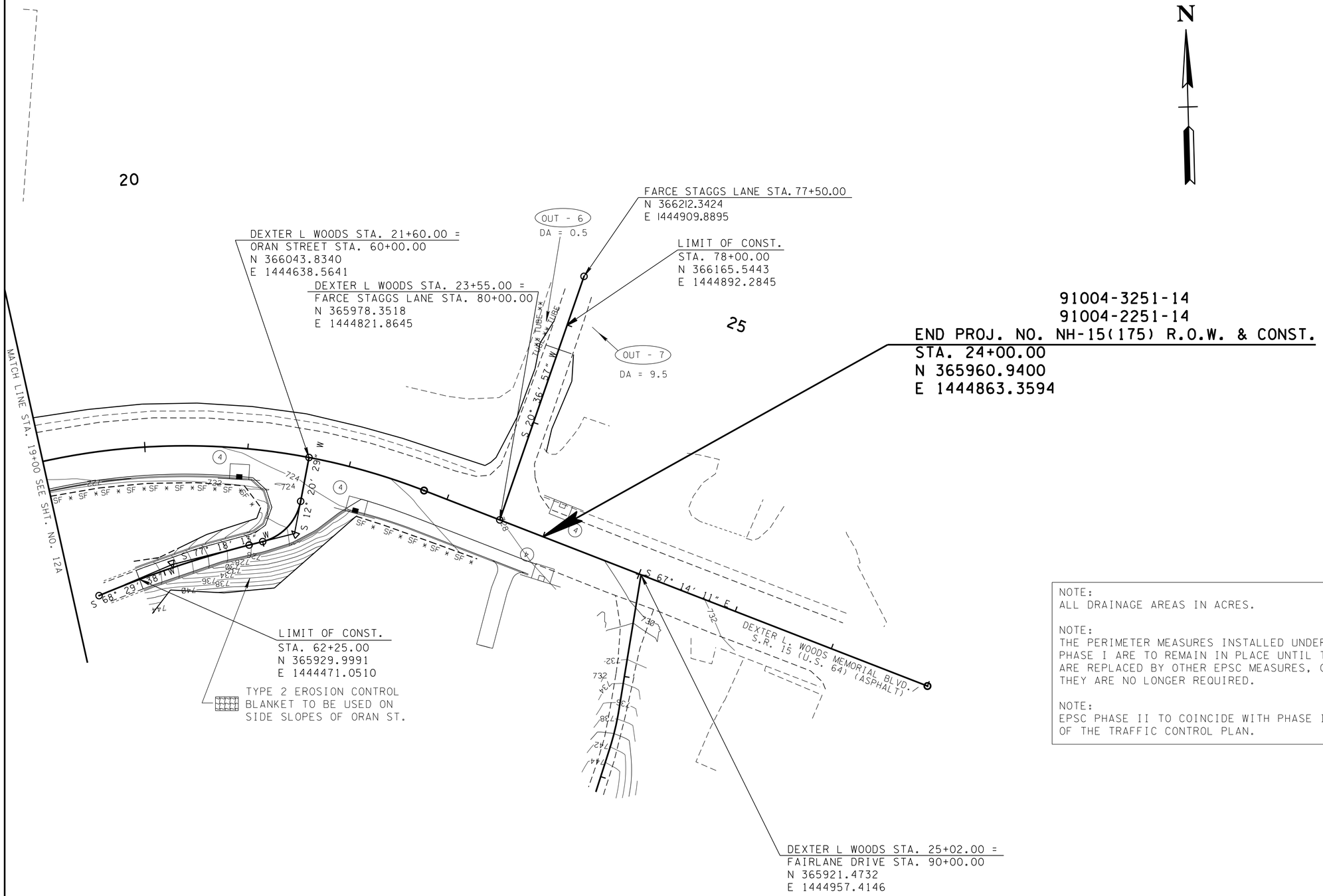
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	12B
CONST	2014	NH/PHSIP-15(175)	12B



NOTE:
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NOTE:
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NOTE:
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UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PHASE II PROPOSED CONTOURS

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.19+00 TO STA.28+00

SCALE: 1"=50'

29-SEP-2014 10:40
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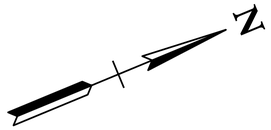
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	13
CONST	2014	NH/PHSIP-15(175)	13



POT 7+25.00
N 365160.7665
E 1443703.8721

10

15

91004-3251-14
91004-2251-14
BEGIN PROJ. NO. NH-15(175) R.O.W. & CONST.
STA. 9+00.00
N 365322.5301
E 1443770.6369

OUT - 1
DA = 0.5

OUT - 2
DA = 9.8

OUT - 3
DA = 1.3

DEXTER L. WOODS MEMORIAL BLVD.
SR 15 (US 64)(ASPHALT)

N 22° 25' 39" E

24' - 11'

18" ST

MATCH LINE STA. 17+00 SEE SHT. NO. 13A

PC 12+68.75

NOTE:
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NOTE:
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NOTE:
EPSC PHASE III TO COINCIDE WITH PHASE III OF THE TRAFFIC CONTROL PLAN.

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STATE OF TENNESSEE
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PHASE III
PROPOSED
CONTOURS

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.7+25 TO STA.17+00

SCALE: 1"=50'

29-SEP-2014 10:40
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	13A
CONST	2014	NH/PHSIP-15(175)	13A

NOTE:
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NOTE:
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NOTE:
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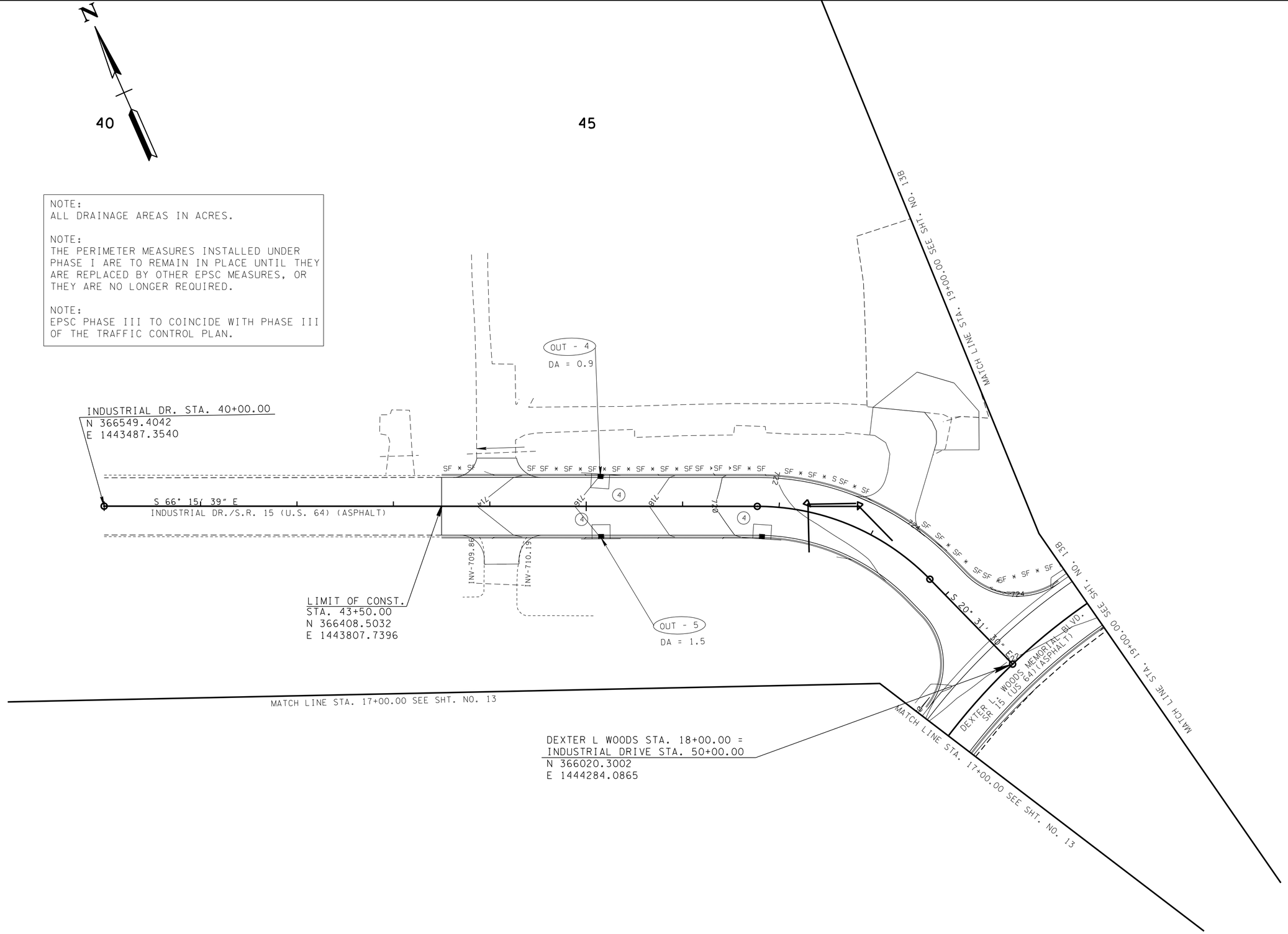

PHASE III
PROPOSED
CONTOURS

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DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.17+00 TO STA.19+00

SCALE: 1"=50'

29-SEP-2014 10:40
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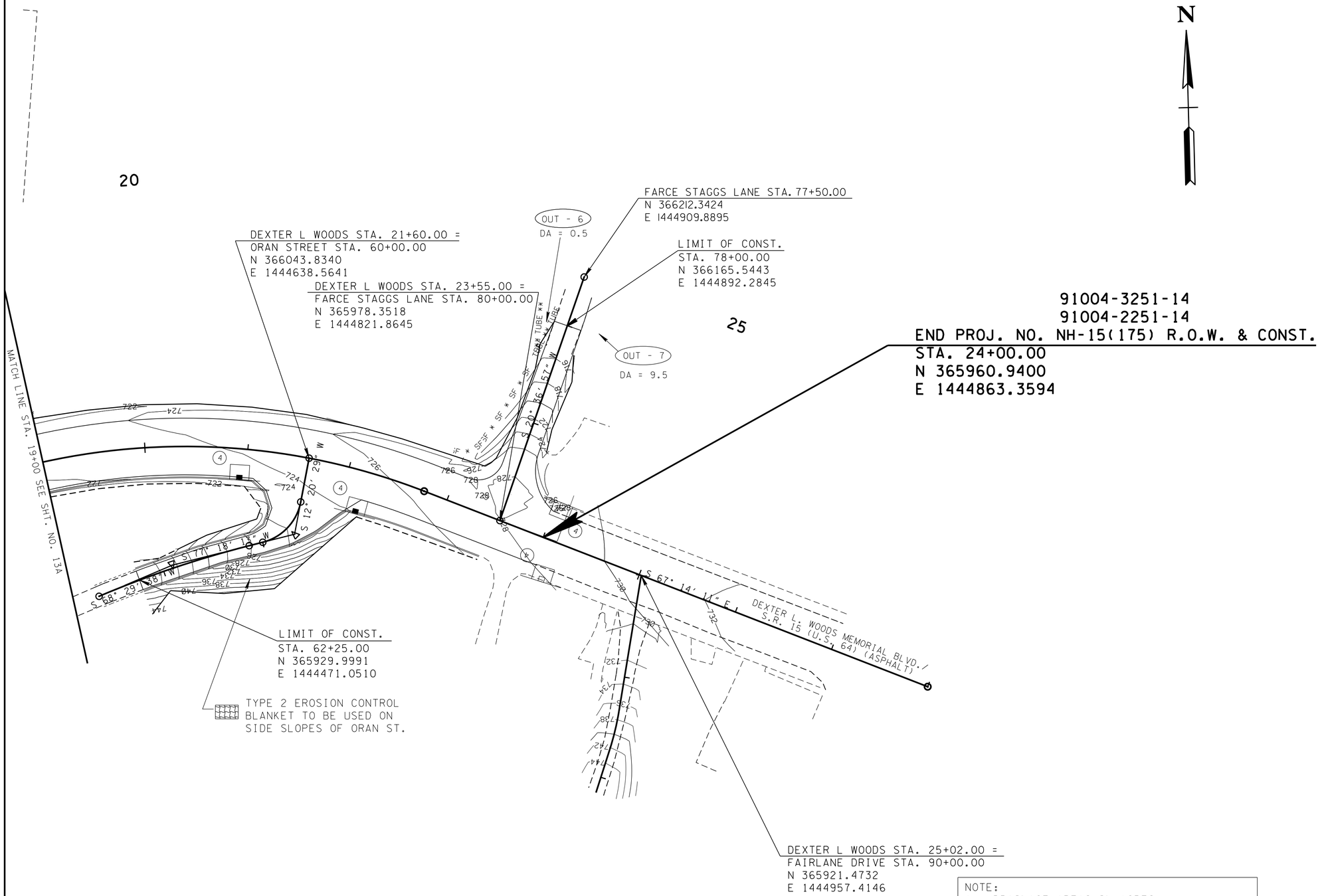
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	13B
CONST	2014	NH/PHSIP-15(175)	13B



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NOTE:
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PHASE III
PROPOSED
CONTOURS

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DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA.19+00 TO STA.28+00

SCALE: 1"=50'

29-SEP-2014 10:40
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TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	14

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 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 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 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 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 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.

TRAFFIC CONTROL LEGEND	
SYMBOL	ITEM
	WORK ZONE
	FLEXIBLE DRUMS (CHANNELIZING)
	SIGN (CONSTRUCTION)
→	TRAFFIC FLOW
	ARROW BOARD TYPE C
	ARROW BOARD TYPE C (SINGLE ARROW)
	TEMPORARY BARRICADE (TYPE III)
A	*WARNING LIGHT (TYPE A) (LOW-INTENSITY FLASHING)

*TO BE USED WHERE AND AS DIRECTED BY THE ENGINEER.

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL NOTES

29-SEP-2014 10:40
c:\Projects\Wayne County\File Net Files\11\4004-00-Construction\11\4004-00-Construction\WASR15TrafficControlNotes.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	14A

TRAFFIC CONTROL QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	ITEM NO. 712-06 (S.F.)	SIZE	M.U.T.C.D. NO.	REMARKS
712-01	TRAFFIC CONTROL	LS	1				
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	100				
712-05.01	WARNING LIGHTS (TYPE A)	EACH	50				
712-07.03	TEMPORARY BARRICADES (TYPE III)	L.F.	84				
712-08.03	ARROW BOARD (TYPE C)	EACH	2				
712-06	SIGNS (CONSTRUCTION)	S.F.					
	END ROAD WORK		6	27	36 X 18	G20-2	
	ROAD WORK 1500FT		3	27	36 X 36	W20-1	
	ROAD WORK 100 FT		2	18	36 X 36	W20-1	
	ROAD WORK 500 FT		2	18	36 X 36	W20-1	
	ROAD WORK AHEAD		3	27	36 X 36	W20-1	
	RIGHT LANE CLOSED 1000FT		2	18	36 X 36	W20-5R	
	MERGE LEFT SYMBOL		2	18	36 X 36	W20-5R	
	LANE SHIFT 250FT		3	27	36 X 36	W1-4B(MOD)	
	LEFT LANE CLOSED 1000FT		1	9	36 X 36	W20-5L	
	MERGE RIGHT SYMBOL		1	9	36 X 36	W4-2L	
	LANE SHIFT RIGHT SYMBOL		1	3	36 X 36	W1-4BR	
	LANE SHIFT LEFT SYMBOL		2	18	36 X 36	W1-4BL	
TOTAL				219			

PHASE 1
PLACEMENT OF ADVANCED WARNING SIGNS.
THESE SIGNS ARE TO REMAIN IN PLACE THROUGHOUT EACH PHASE.
PHASE 2
WORK ON RIGHT SIDE OF PROPOSED ROADWAY.
TRAFFIC TO RUN OF LEFT SIDE OF EXISTING ROADWAY.
MAINTAIN SIDEROAD AND DRIVEWAY ACCESS.
PHASE 3
WORK ON LEFT SIDE OF PROPOSED ROADWAY.
TRAFFIC TO RUN ON FINISHED ROADWAY ON RIGHT.
MAINTAIN SIDEROAD AND DRIVEWAY ACCESS.

UNOFFICIAL SET

NOT FOR BIDDING

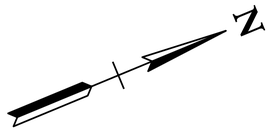
SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL NOTES

29-SEP-2014 10:41
C:\Projects\Wayne County\File Net Files\11400-00-Construction\11400-00-Construction\WASR15TrafficControlNotes.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	15



10

15

G20-2
36" X 18"
END
ROAD WORK

500'

91004-3251-14
91004-2251-14
BEGIN PROJ. NO. NH-15(175) R.O.W. & CONST.
STA. 9+00.00
N 365322.5301
E 1443770.6369

DEXTER L. WOODS MEMORIAL BLVD.
SR 15 (US 64)(ASPHALT)

N 22° 25' 39" E

1500'

ROAD
WORK
1500 FT

W20-1
36" X 36"

MATCH LINE STA. 17+00 SEE SHT. NO. 15A

ADVANCED
WARNING
SIGNS

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

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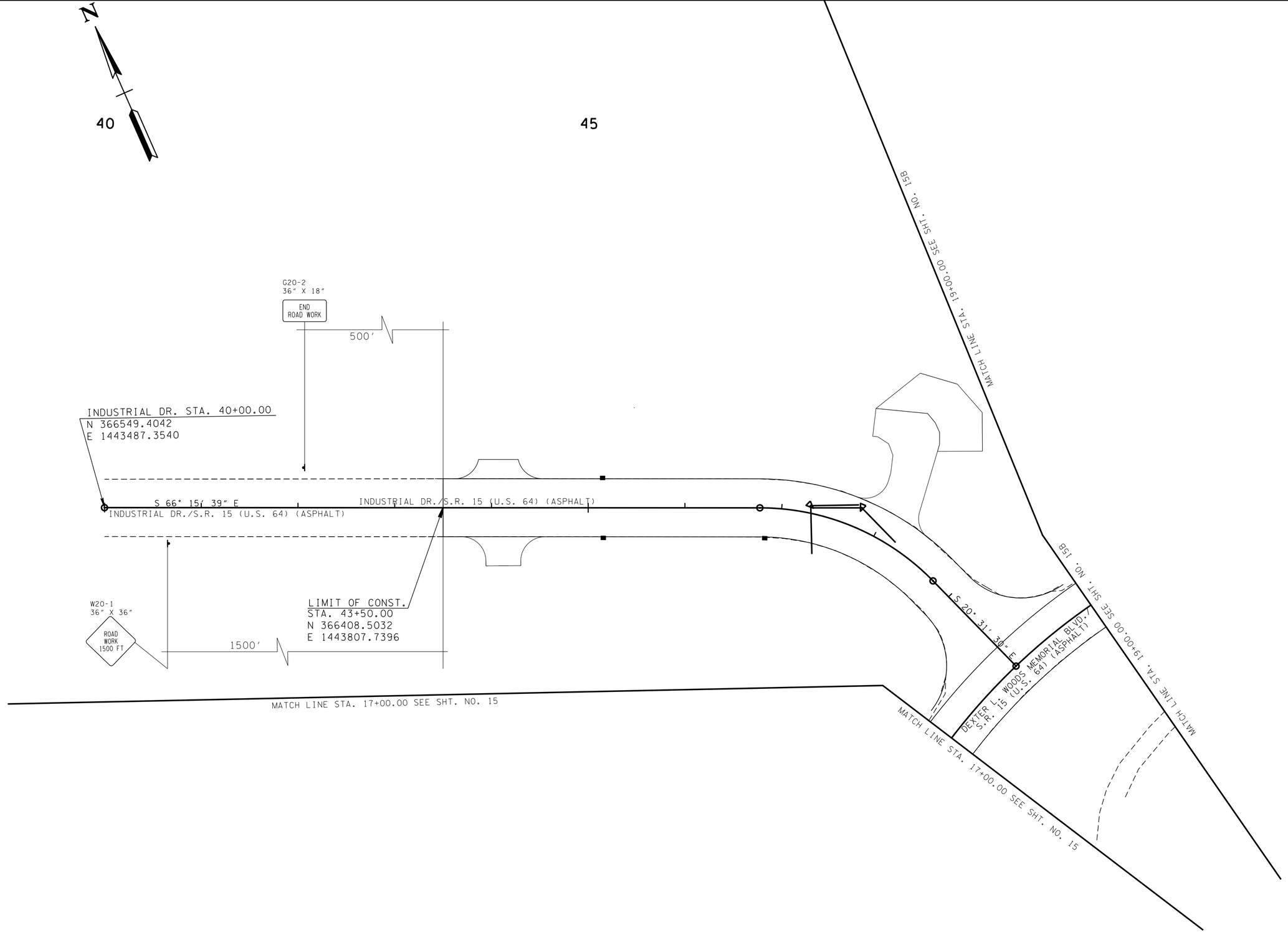
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN
PHASE I

STA.7+25 TO STA.17+00
SCALE: 1"=50'

29-SEP-2014 10:41
C:\Projects\Wayne County\File Net Files\NH004-00-Construction\NH004-00-Construction\WASR15TrafficControlPL015.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2014	NH/PHSIP-15(175)	15A



ADVANCED WARNING SIGNS

UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

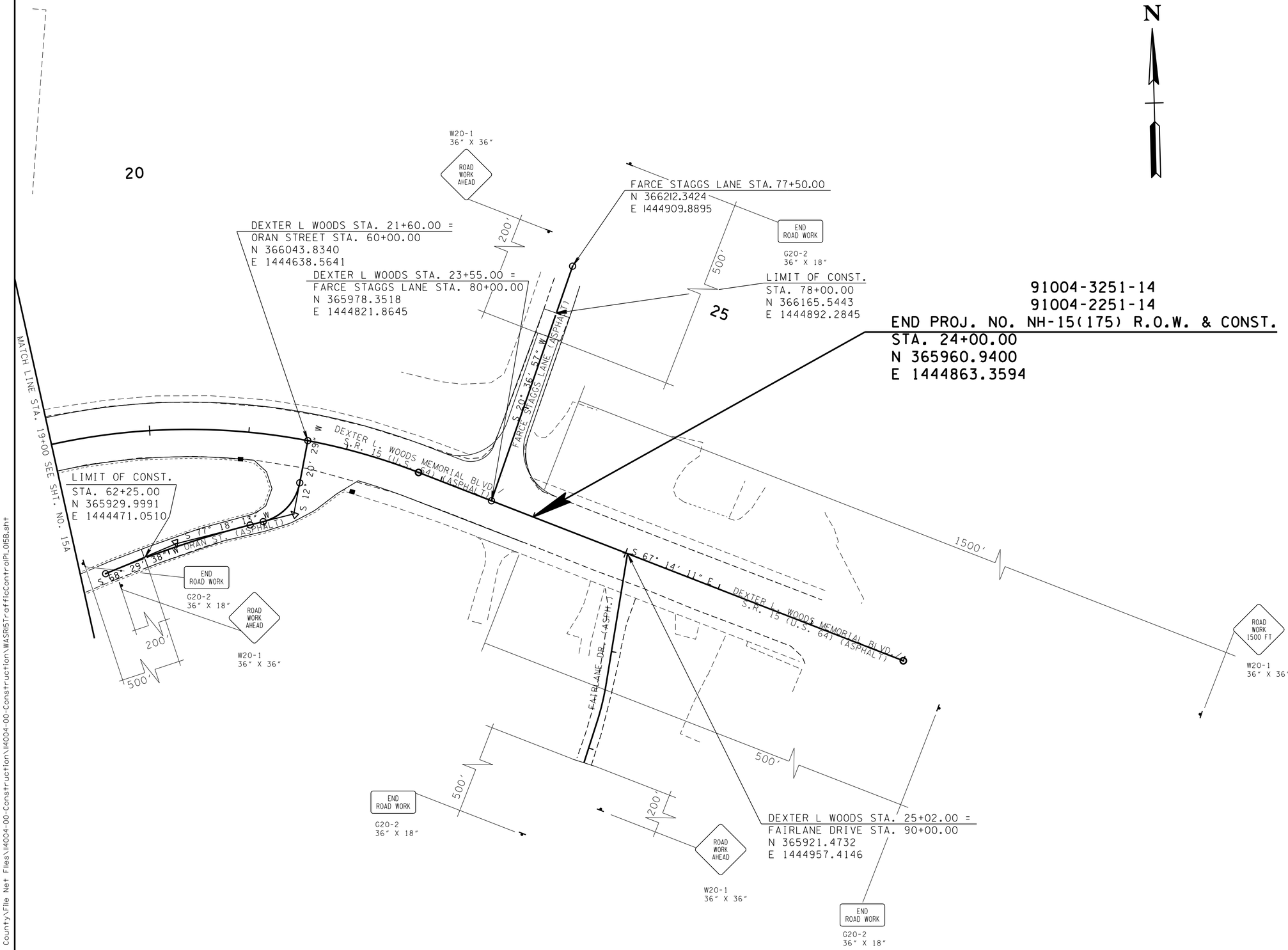
TRAFFIC CONTROL PLAN PHASE 1

STA. 17+00 TO STA. 19+00

SCALE: 1"= 50'

29-SEP-2014 10:41
C:\Projects\Wayne County\File Net Files\II4004-00-Construction\II4004-00-Construction\WASR15TrafficControlPL015A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2014	NH/PHSIP-15(175)	15B



ADVANCED WARNING SIGNS

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

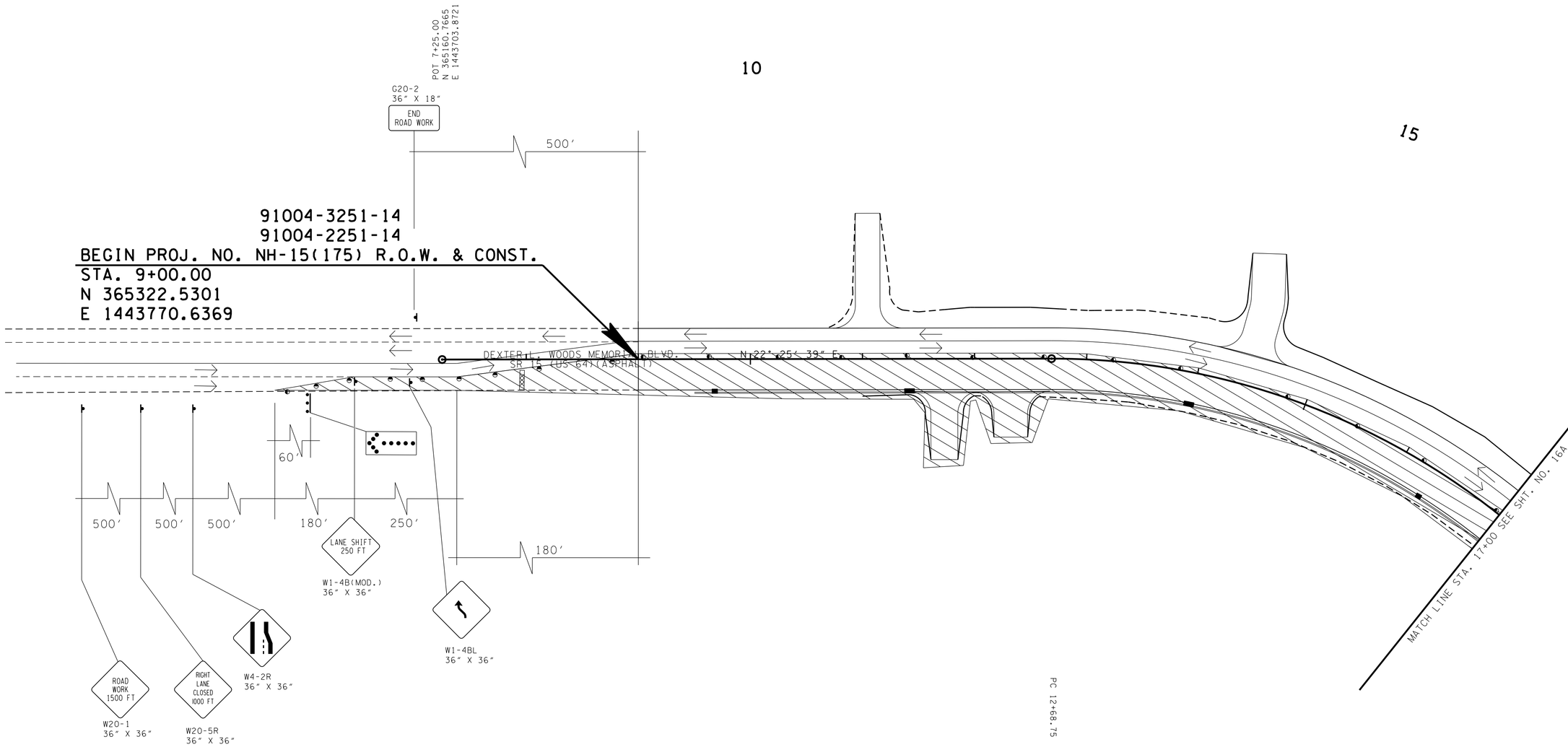
TRAFFIC CONTROL PLAN PHASE 1

STA. 19+00 TO STA. 28+00

SCALE: 1"= 50'

29-SEP-2014 10:41
C:\Projects\Wayne County\File Net Files\NH004-00-Construction\NH004-00-Construction\WASR15TrafficControlPl_015B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2014	NH/PHSIP-15(175)	16



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

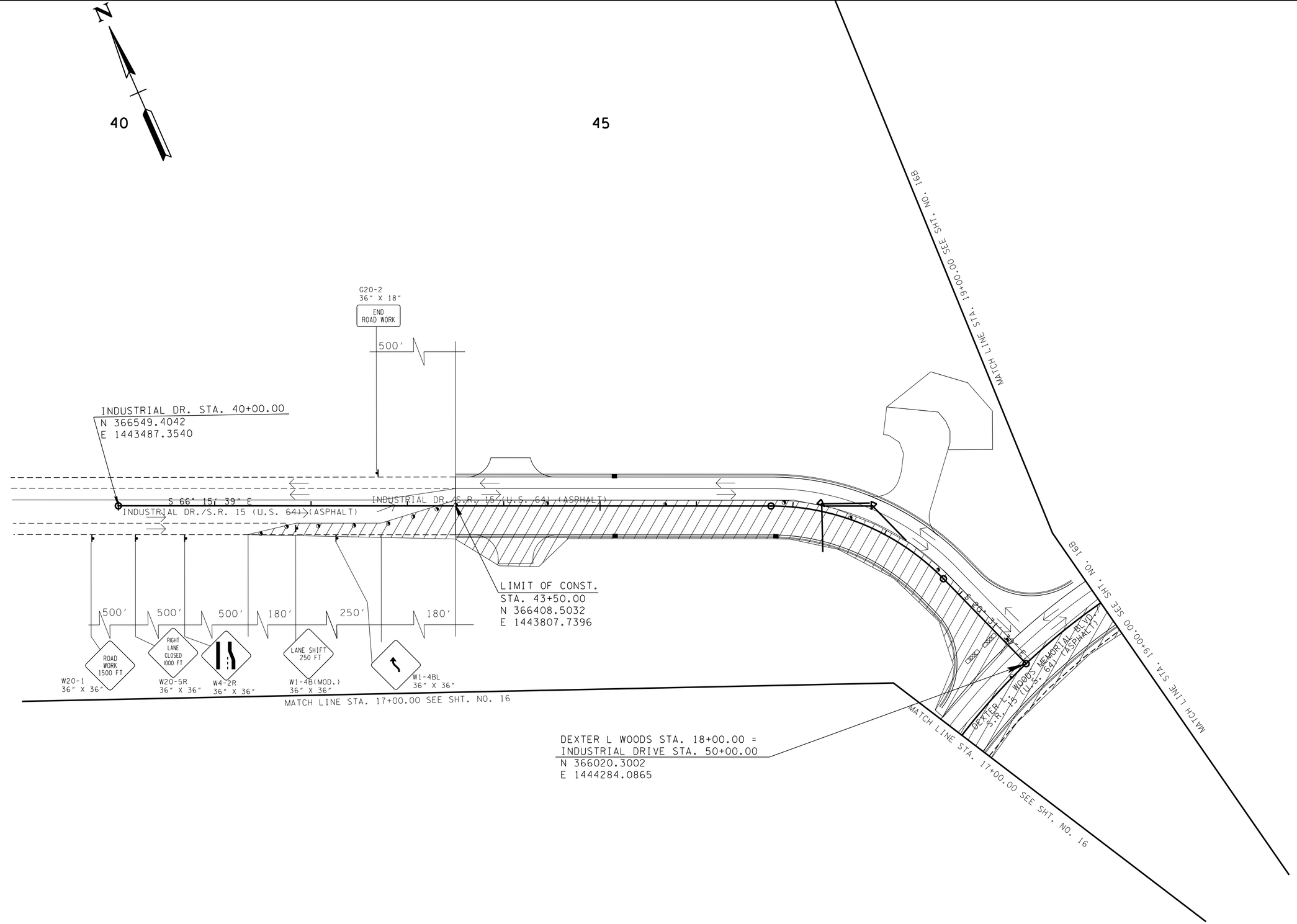
TRAFFIC CONTROL PLAN PHASE 2

STA. 7+25 TO STA. 17+00

SCALE: 1"= 50'

29-SEP-2014 10:41
c:\Projects\Wayne County\File Net Files\114004-00-Construction\114004-00-Construction\WASR15TrafficControlP2_016.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2014	NH/PHSIP-15(175)	16A



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

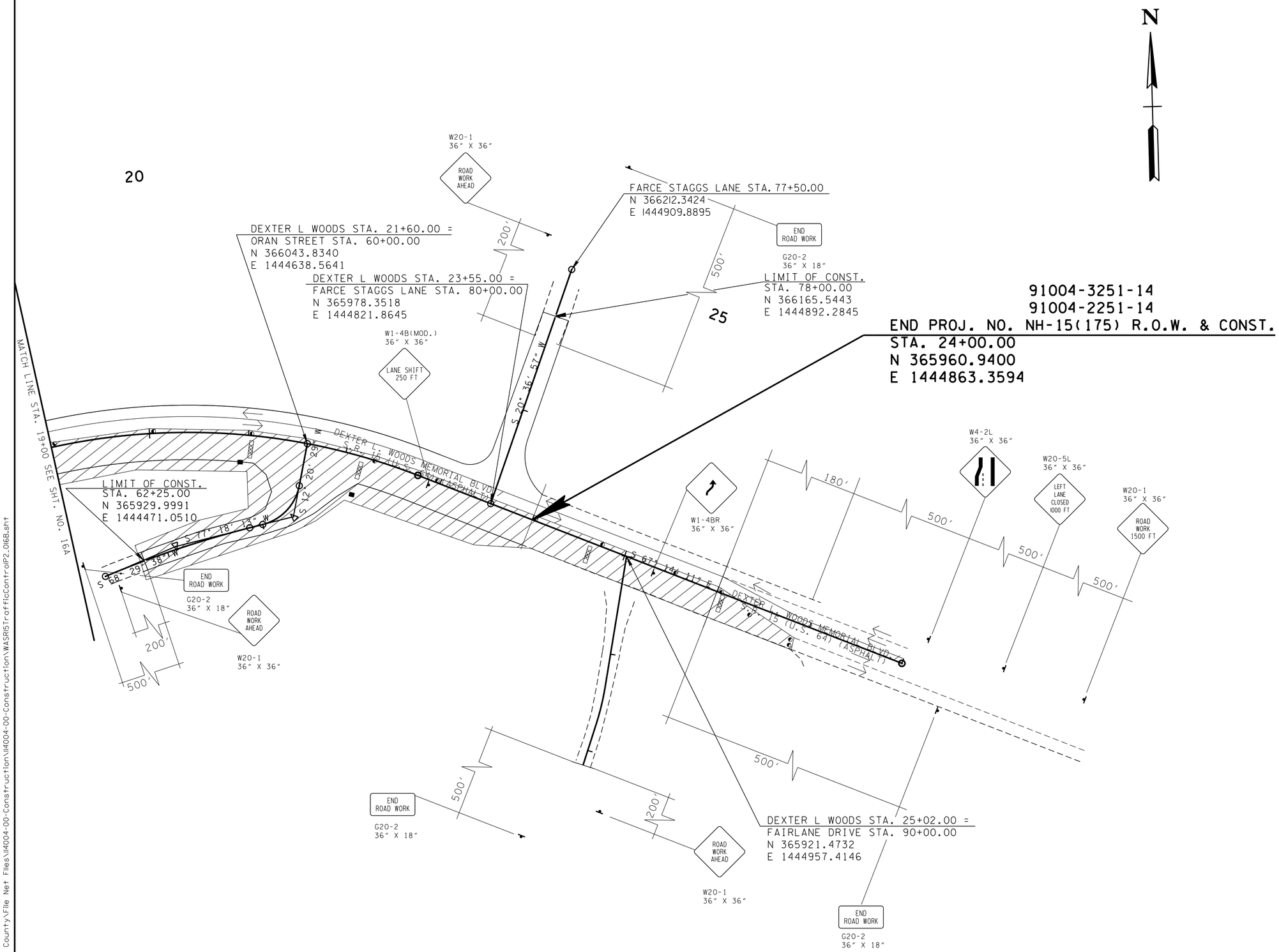
TRAFFIC CONTROL PLAN PHASE 2

STA. 17+00 TO STA. 19+00

SCALE: 1"= 50'

29-SEP-2014 10:41
C:\Projects\Wayne County\File Net Files\114004-00-Construction\114004-00-Construction\WASR15TrafficControlP2_016A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST	2014	NH/PHSIP-15(175)	16B



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

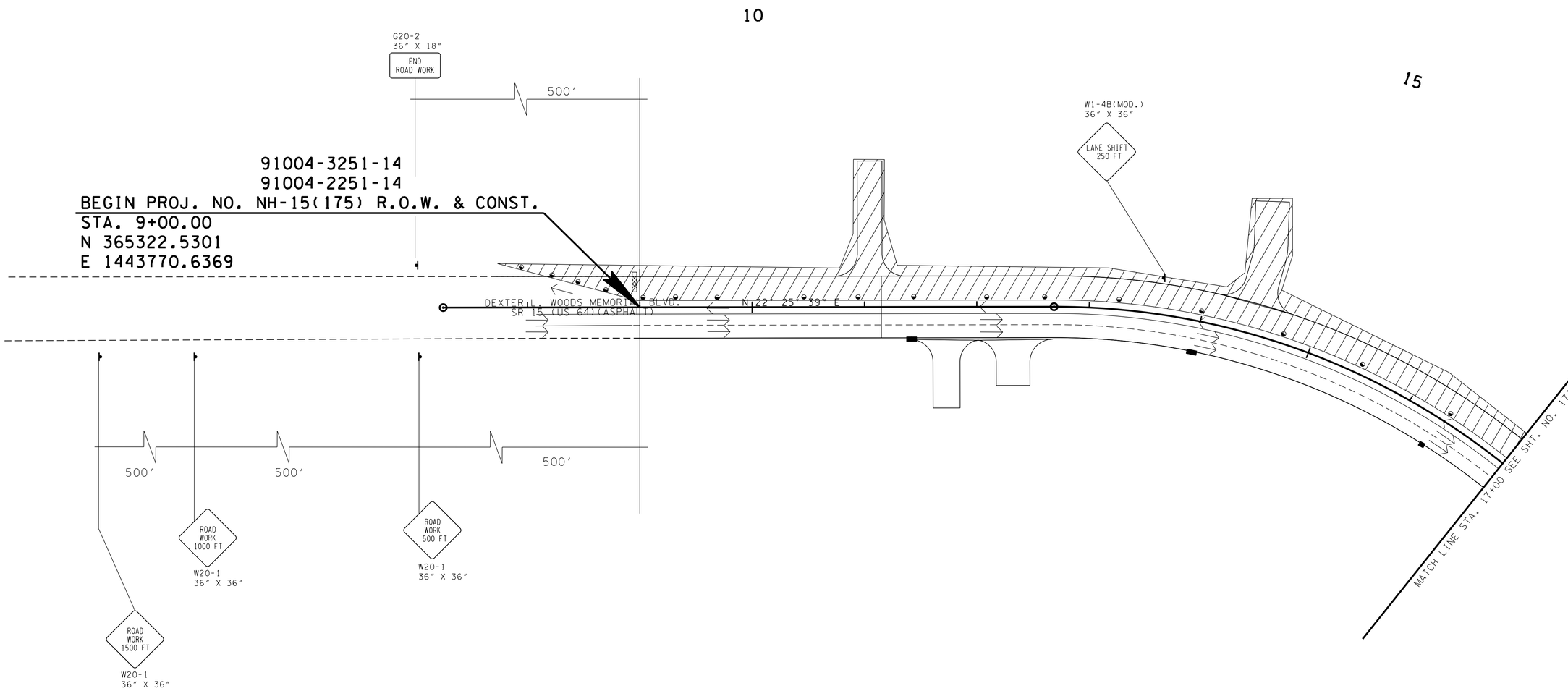
TRAFFIC CONTROL PLAN PHASE 2

STA. 19+00 TO STA. 28+00

SCALE: 1"= 50'

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\114004-00-Construction\114004-00-Construction\WASR15TrafficControlP2_016B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	17



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

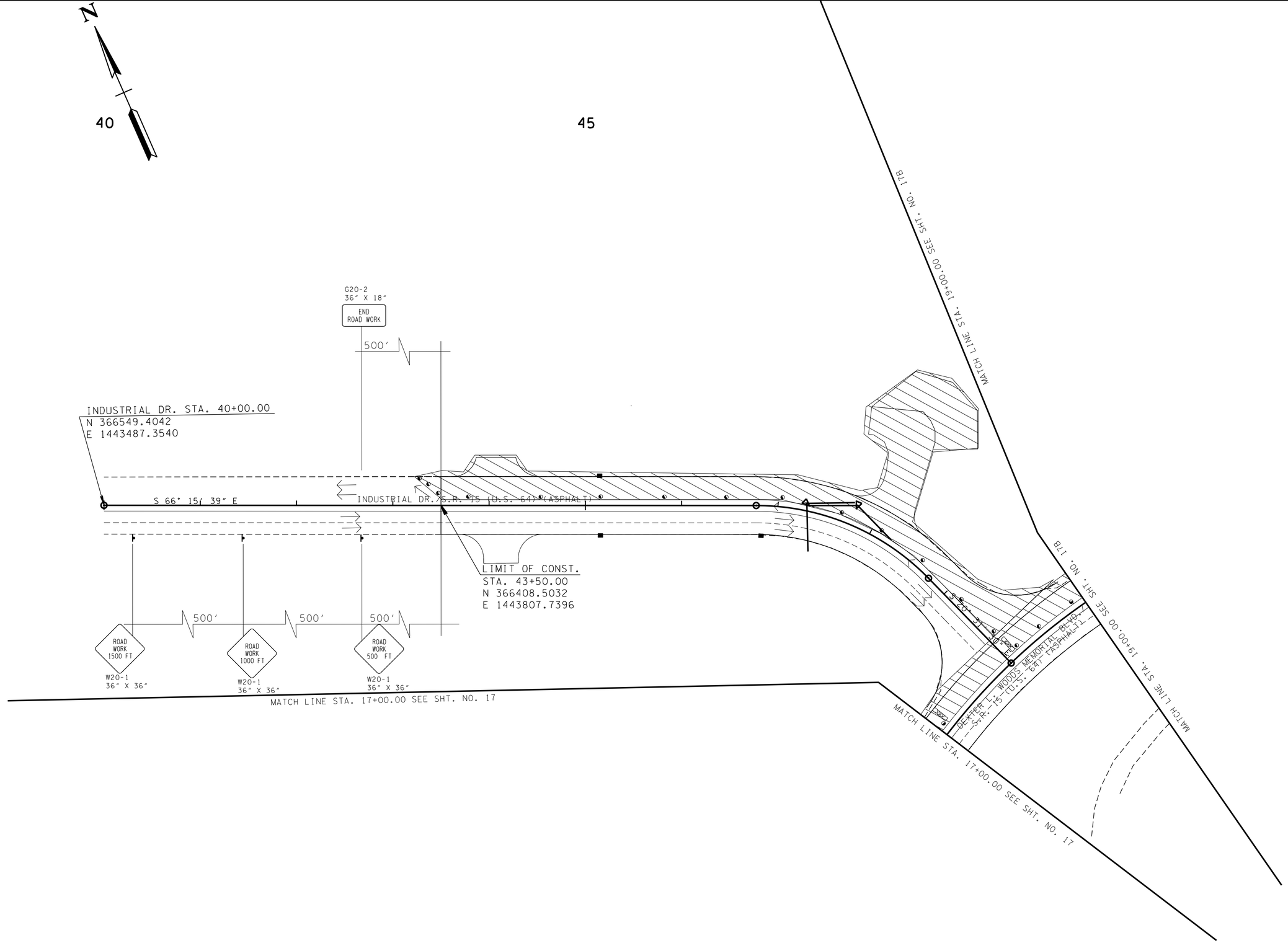
TRAFFIC CONTROL PLAN PHASE 3

STA.7+25 TO STA.17+00

SCALE: 1"=50'

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\NI4004-00-Construction\NI4004-00-Construction\WASR15TrafficControlP3_017.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	17A



UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

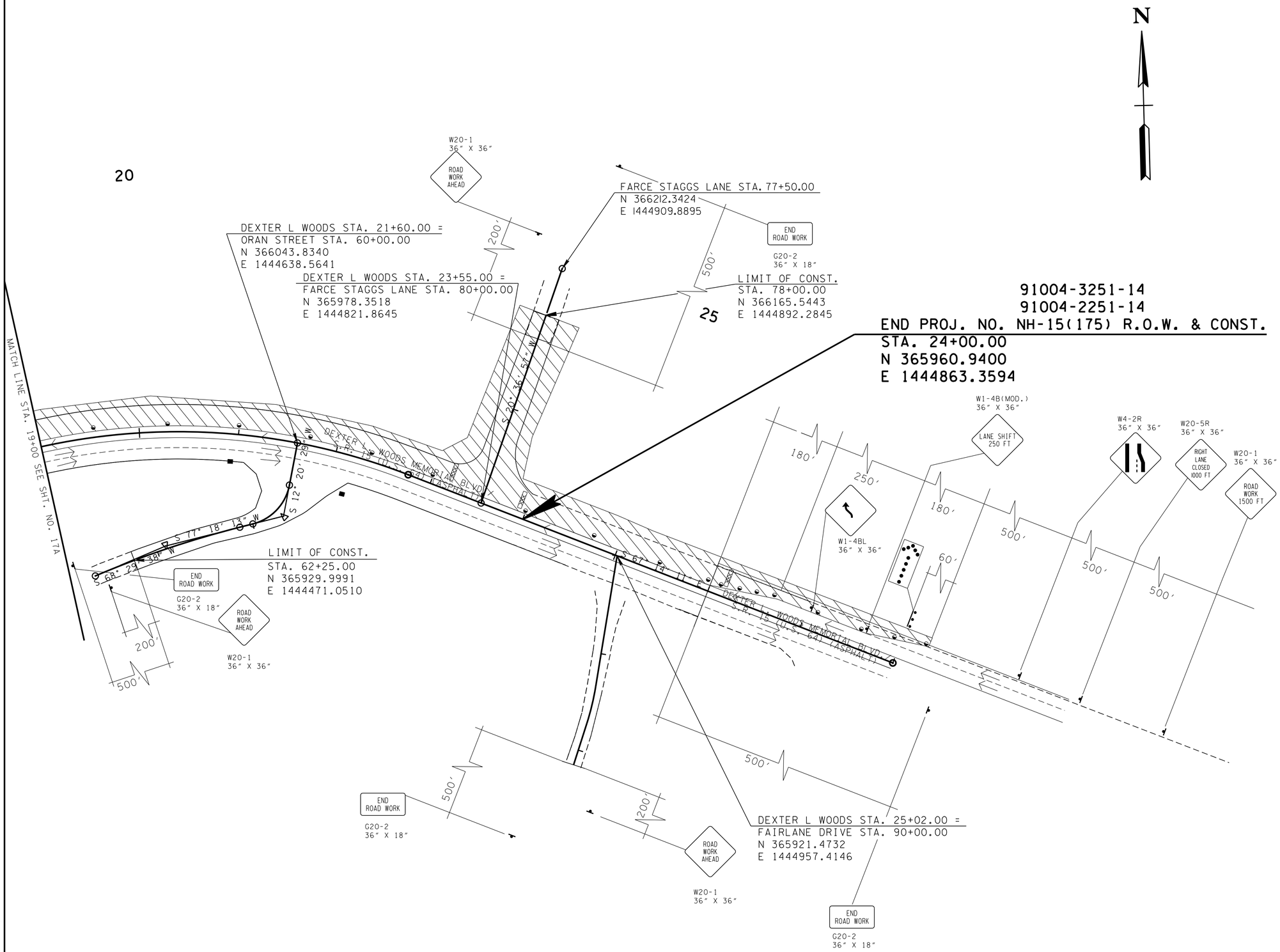
TRAFFIC CONTROL PLAN PHASE 3

STA.17+00 TO STA.19+00

SCALE: 1"=50'

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\11400-00-Construction\11400-00-Construction\WASR15TrafficControlP3_017A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	17B



UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

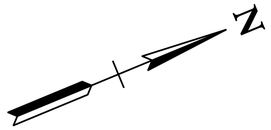
TRAFFIC CONTROL PLAN PHASE 3

STA.19+00 TO STA.28+00

SCALE: 1"=50'

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\11\4004-00-Construction\11\4004-00-Construction\WASR15TrafficControlP3_017B.sht

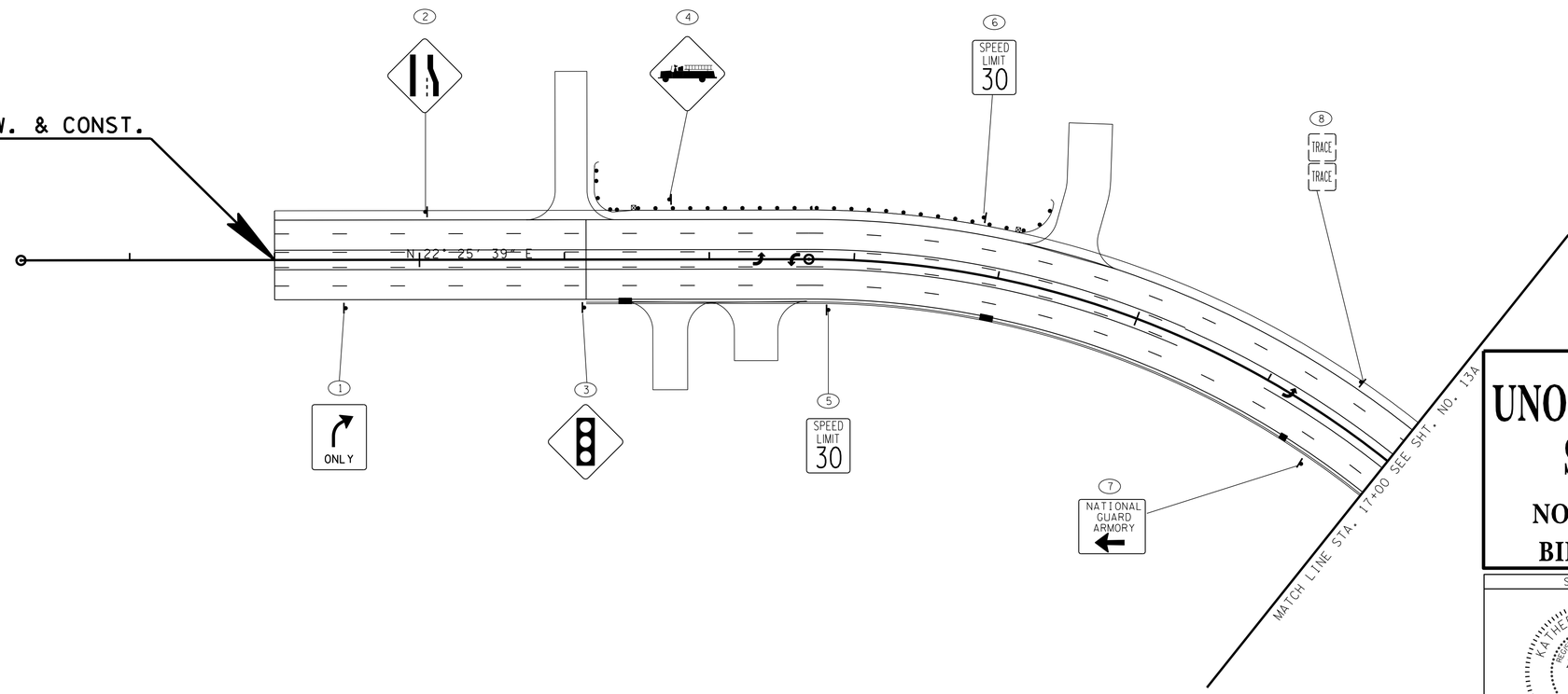
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	18



10

15

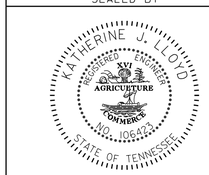
91004-3251-14
91004-2251-14
BEGIN PROJ. NO. NH-15(175) R.O.W. & CONST.
STA. 9+00.00
N 365322.5301
E 1443770.6369



UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

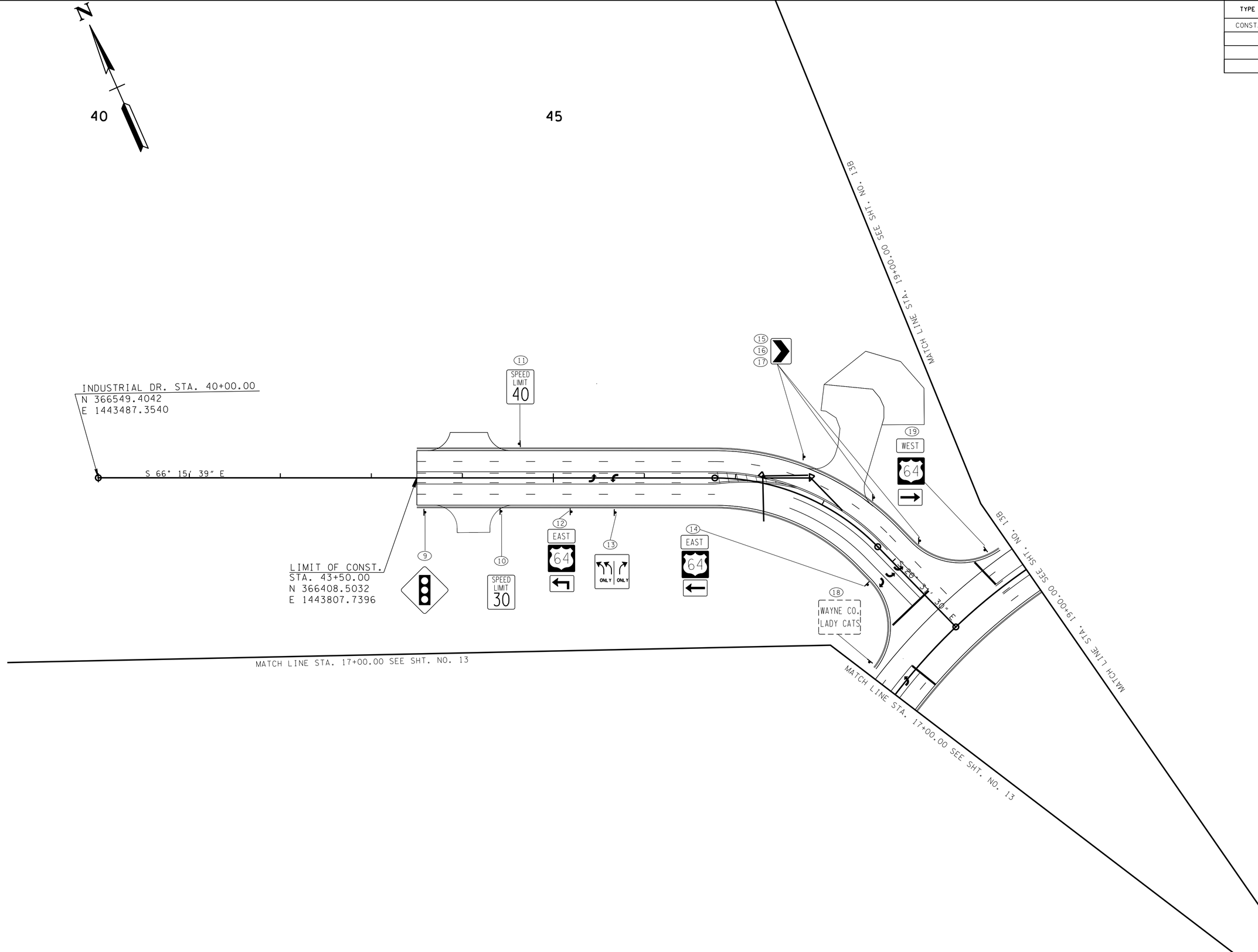
SIGNING AND PAVEMENT MARKING PLAN

STA.7+25 TO STA.17+00

SCALE: 1"=50'

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\11400-00-Construction\WASR15PavementMarking_018.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	18A



UNOFFICIAL SET

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

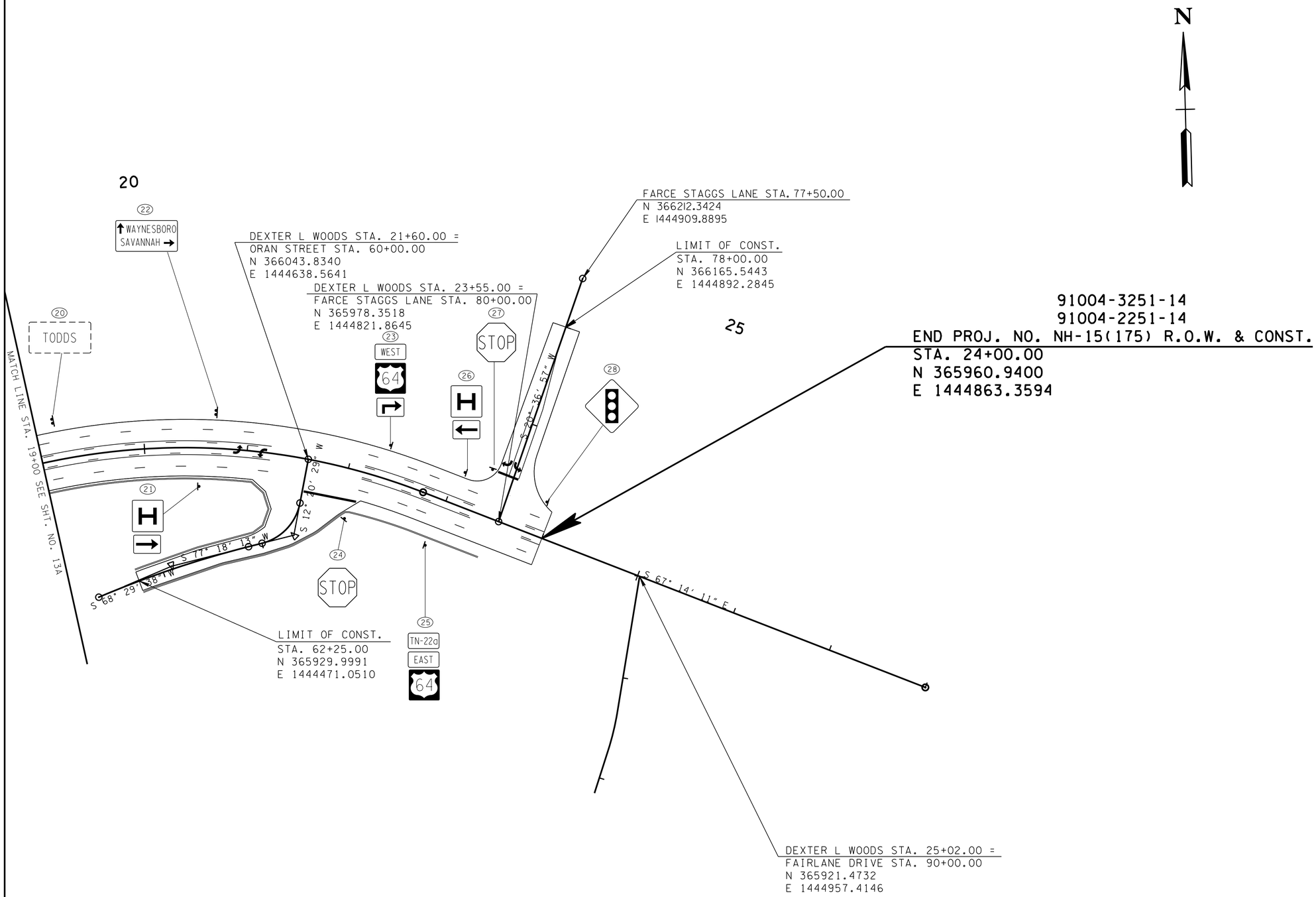
SIGNING AND PAVEMENT MARKING PLAN

STA.17+00 TO STA.19+00

SCALE: 1"=50'

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\11\4004-00-Construction\11\4004-00-Construction\WASR15PavementMarking_018A.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	18B



UNOFFICIAL SET

NOT FOR BIDDING

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGNING AND PAVEMENT MARKING PLAN

STA.19+00 TO STA.28+00

SCALE: 1"=50'

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\114004-00-Construction\114004-00-Construction\WASR\5Pavement+Marking_018B.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	19

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

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.		
21	H D9-2 M6-1		24" 21"	24" 15"									WHITE (REF.)	BLUE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
26	H D9-2 M6-1		24" 21"	24" 15"									WHITE (REF.)	BLUE (REF.)	0.080" SHEET ALUMINUM	P8	h =13'-0"				5'-0"	
5	SPEED LIMIT 30 R2-1		30"	36"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =12'-6"				5'-0"	
6																	h =12'-6"					
10																	h =12'-6"					
11	SPEED LIMIT 40 R2-1		30"	36"									BLACK	WHITE (REF.)	0.080" SHEET ALUMINUM	P8	h =12'-6"				5'-0"	
3	W3-3		36"	36"									BLACK RED (REF.) GREEN (REF.)	YELLOW (REF.)	0.100" SHEET ALUMINUM	P8	h =13'-6"				5'-0"	
9																	h =13'-6"					
28																	h =13'-6"					
24	STOP R1-1		36"	36"									WHITE (REF.)	RED (REF.)	0.080" SHEET ALUMINUM	P8	h =12'-6"				5'-0"	
27																	h =12'-6"					
2	W4-2		36"	36"									BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	P8	h =13'-6"				5'-0"	
1	W1-2R		36"	36"									BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	P8	h =13'-6"				5'-0"	
15	W1-8R		18"	24"									BLACK	WHITE (REF.) BLACK	0.080" SHEET ALUMINUM	U1	h =12'-0"				5'-0"	
16																	h =12'-0"					
17																	h =12'-0"					
13	ONLY ONLY ONLY R3-8a (MOD)		48"	30"									BLACK	WHITE (REF.)	0.100" SHEET ALUMINUM	U3	h_1=12'-6" h_2=13'-0"				5'-0"	
4	W11-8		36"	36"									BLACK	YELLOW (REF.)	0.100" SHEET ALUMINUM	P8	h =13'-6"				5'-0"	
12	EAST 64 M3-2 M1-4 M5-1		24" 24" 21"	12" 24" 15"									BLACK	(REF.) WHITE	0.080" SHEET ALUMINUM	P8	h =14'-6"				5'-0"	
14	EAST 64 M3-2 M1-4 M6-1		24" 24" 21"	12" 24" 15"									BLACK	(REF.) WHITE	0.080" SHEET ALUMINUM	P8	h =14'-6"				5'-0"	

UNOFFICIAL SET

NOT FOR BIDDING

SEALED BY

MICHAEL L. TUGWELL
REGISTERED ENGINEER
COMMISSION NO. 19094
STATE OF TENNESSEE

9/22/14

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SIGN SCHEDULE

9/19/2014 10:41:18 AM
C:\D Drive\JJ00591Drive(2)\JJ00591Drive\Wayne Co\SR-15@Dexter-WoodsMemorialsign schedule.dgn

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

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.		
23	WEST M3-4 64 M1-4 → M5-1		24" 24" 21"	12" 24" 15"									BLACK	(REF.) WHITE	0.080" SHEET ALUMINUM	P8	h =14'-6"				5'-0"	
19	WEST M3-4 64 M1-4 → M6-1		24" 24" 21"	12" 24" 15"									BLACK	(REF.) WHITE	0.080" SHEET ALUMINUM	P8	h =14'-6"				5'-0"	
25	TN-22a EAST M3-2 64 M1-4		24" 24" 24"	12" 12" 24"									BLACK	(REF.) WHITE	0.080" SHEET ALUMINUM	P8	h =14'-6"				5'-0"	
22	↑ Waynesboro Savannah → D1-2		72"	30"			6" 6"	4" 4"		EMOD		TYPE "A"	WHITE (REF.)	GREEN (REF.)	0.100" SHEET ALUMINUM	U3	h_1=12'-6" h_2=13'-0"				5'-0"	
7	National Guard Armory ←		48"	48"			6" 6" 6"	4" 4" 4"		EMOD		TYPE "A"	BROWN (REF.)	GREEN (REF.)	0.100" SHEET ALUMINUM	U3	h_1=14'-0" h_2=14'-6"				5'-0"	
8	TRACE TRACE		24"	48"				USE EXIST SIGN FACE								P8	h =13'-6"				5'-0"	
18	WAYNE CO LADY CATS		48"	48"				USE EXIST SIGN FACE								U3	h_1=14'-0" h_2=14'-6"				5'-0"	
20	TODDS		48"±	24"±				USE EXIST SIGN FACE								U3	h_1=12'-0" h_2=12'-6"				5'-0"	REMOVE AND RESET WITH NEW SUPPORTS- SHALL REMAIN UP THROUGH ALL PHASES OF CONSTRUCTION. ITEM NO. 713-16.41

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	19A

UNOFFICIAL SET

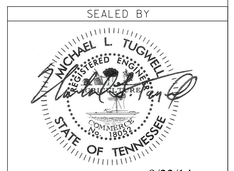
NOT FOR BIDDING

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.

SEALED BY



9/22/14

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

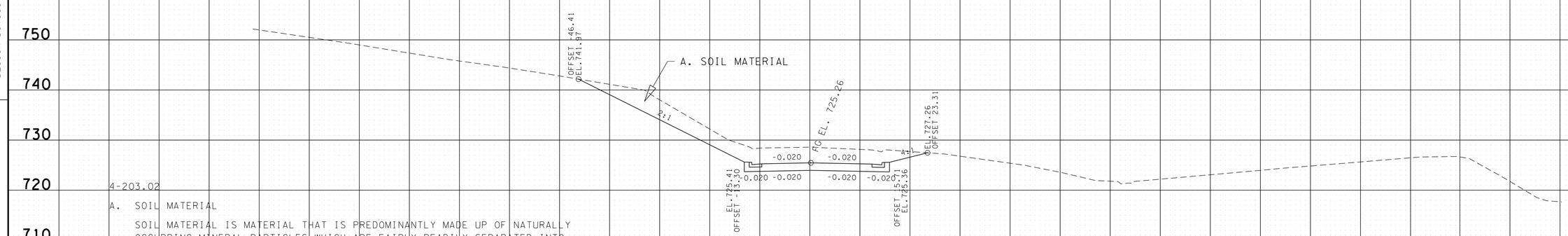
SIGN SCHEDULE

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH/PHSIP-15(175)	20

FILE NO.

TENNESSEE D.O.T.
DESIGN DIVISION

TYPICAL CUT SECTION THROUGH-OUT PROJECT AREA



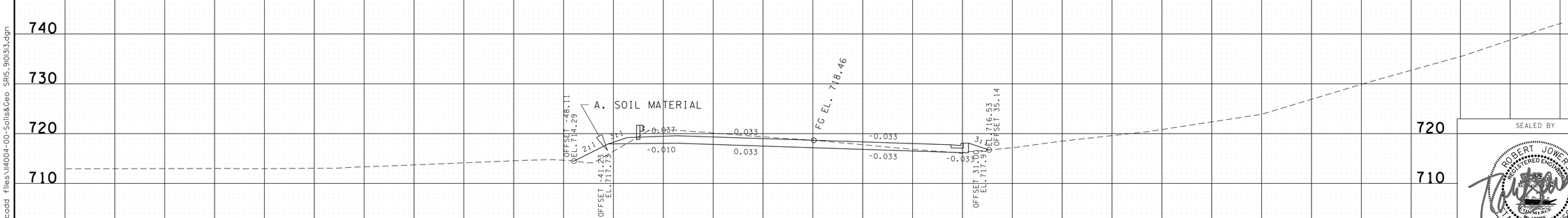
4-203.02

A. SOIL MATERIAL

SOIL MATERIAL IS MATERIAL THAT IS PREDOMINANTLY MADE UP OF NATURALLY OCCURRING MINERAL PARTICLES WHICH ARE FAIRLY READILY SEPARATED INTO RELATIVELY SMALL PIECES, AND IN WHICH THE MASS MAY CONTAIN AIR, OR ORGANIC MATERIALS. THIS MATERIAL MAY CONTAIN ROCK PIECES IN THE FORM OF DISCONNECTED SLABS, LENSES, OR BOULDERS OF LESS THAN APPROXIMATELY 0.5 CUBIC YARDS. THE MAIN SOIL GROUPS CONSIST OF CLAY, SILT, SAND, GRAVEL, COBBLES, BOULDERS (LESS THAN 0.5 CUBIC YARD VOLUME) OR A COMBINATION OF ANY OF THE CONSTITUENTS. FOR CONSTRUCTION PURPOSES, THIS MATERIAL WOULD TYPICALLY BE CONSIDERED TO BE EXCAVATABLE BY CONVENTIONAL EXCAVATION MACHINERY SUCH AS PANS, TRACK HOES, OR FRONT END EXCAVATORS/LOADERS. THIS MATERIAL WOULD HAVE A SHRINK FACTOR AS GIVEN IN THE SHRINK FACTORS SHOWN IN SECTION 2-145.10 OF THE DESIGN GUIDELINES OR AS RECOMMENDED BY THE GEOTECHNICAL ENGINEERING SECTION OF THE MATERIALS AND TESTS DIVISION.

61+00.00
ORAN STREET

TYPICAL FILL SECTION THROUGH-OUT PROJECT AREA



13+50.00
SR-15 (DEXTER L. WOODS MEMORIAL BLVD.)

SEALED BY
ROBERT JOWERS
REGISTERED ENGINEER
NO. 10395
STATE OF TENNESSEE
09/19/2014

UNOFFICIAL SET
NOT FOR BIDDING

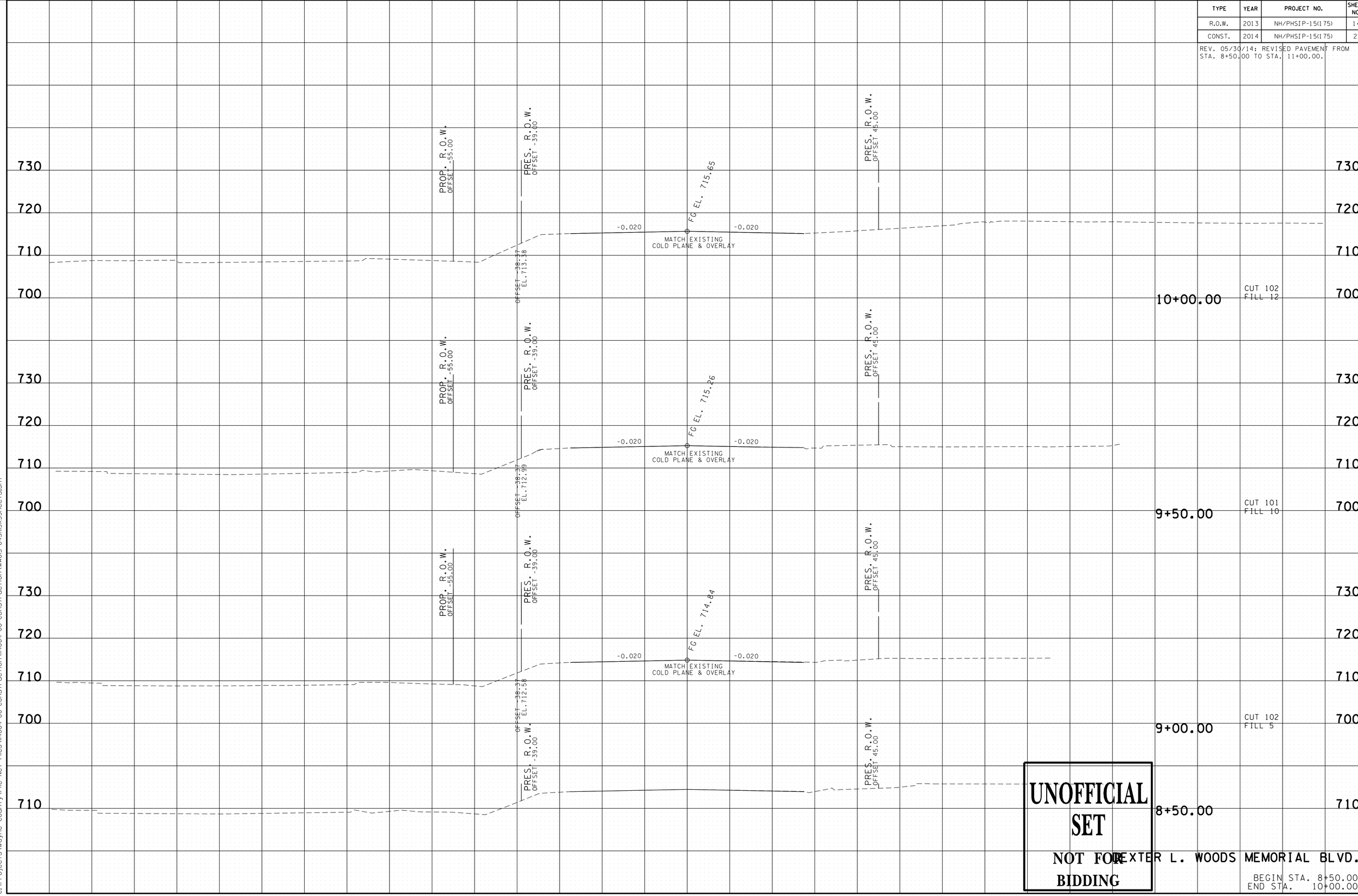
SOILS
WAYNE COUNTY

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

9/19/2014 10:05:54 AM
N:\Geotech\Files\Region 3\9i-Wayne\FY2013\910313\cadd files\II4004-00-Soils&Geo SR15.910313.dgn

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	14
CONST.	2014	NH/PHSIP-15(175)	21

REV. 05/30/14: REVISED PAVEMENT FROM STA. 8+50.00 TO STA. 11+00.00.



UNOFFICIAL SET

NOT FOR BIDDING

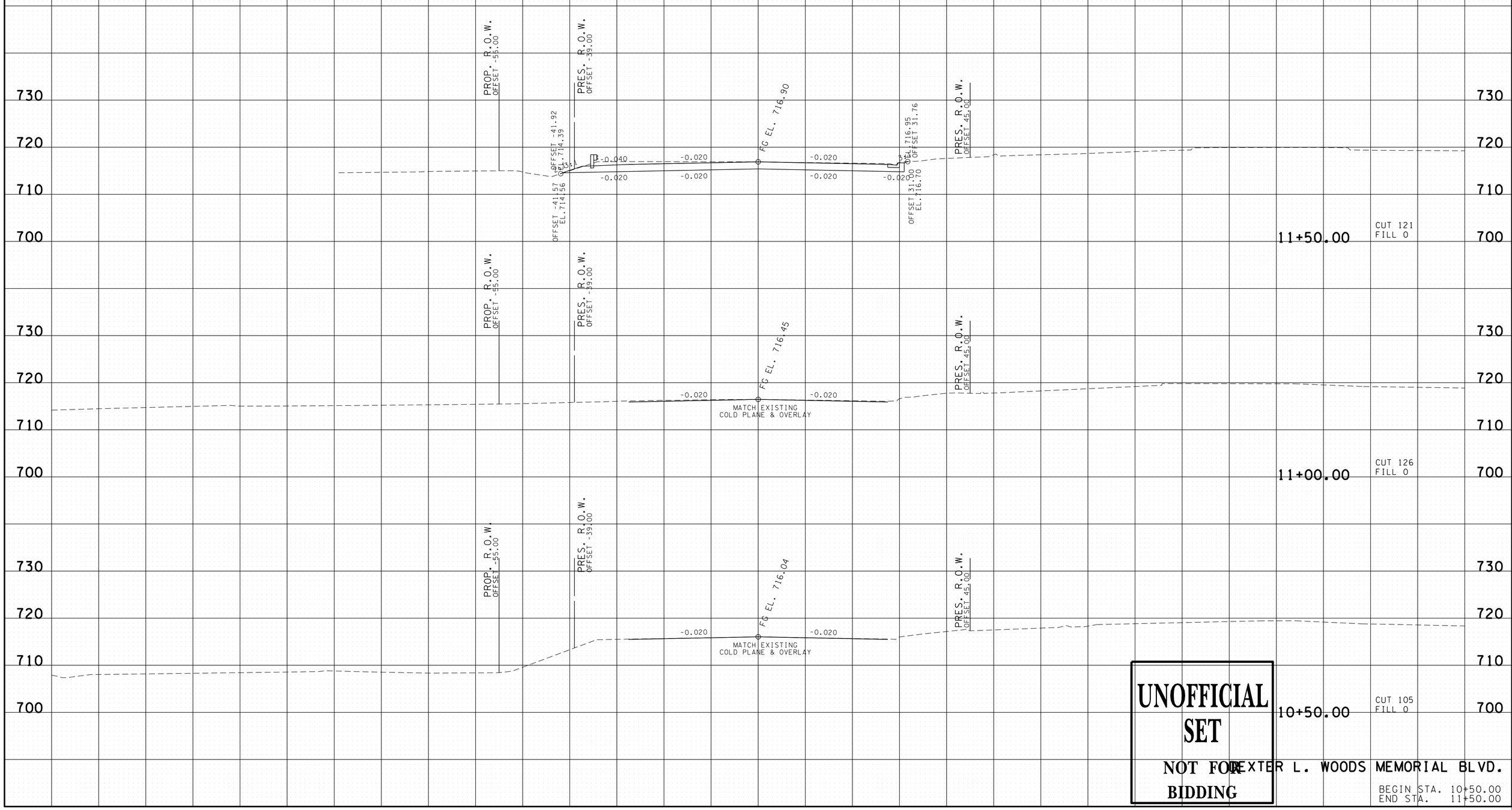
DEXTER L. WOODS MEMORIAL BLVD.

BEGIN STA. 8+50.00
END STA. 10+00.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\14004-00-Construction\14004-00-Construction\WA015-04SR15XSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	15
CONST.	2014	NH/PHSIP-15(175)	22

REV. 05/30/14: REVISED PAVEMENT FROM STA. 8+50.00 TO STA. 11+00.00.



UNOFFICIAL SET

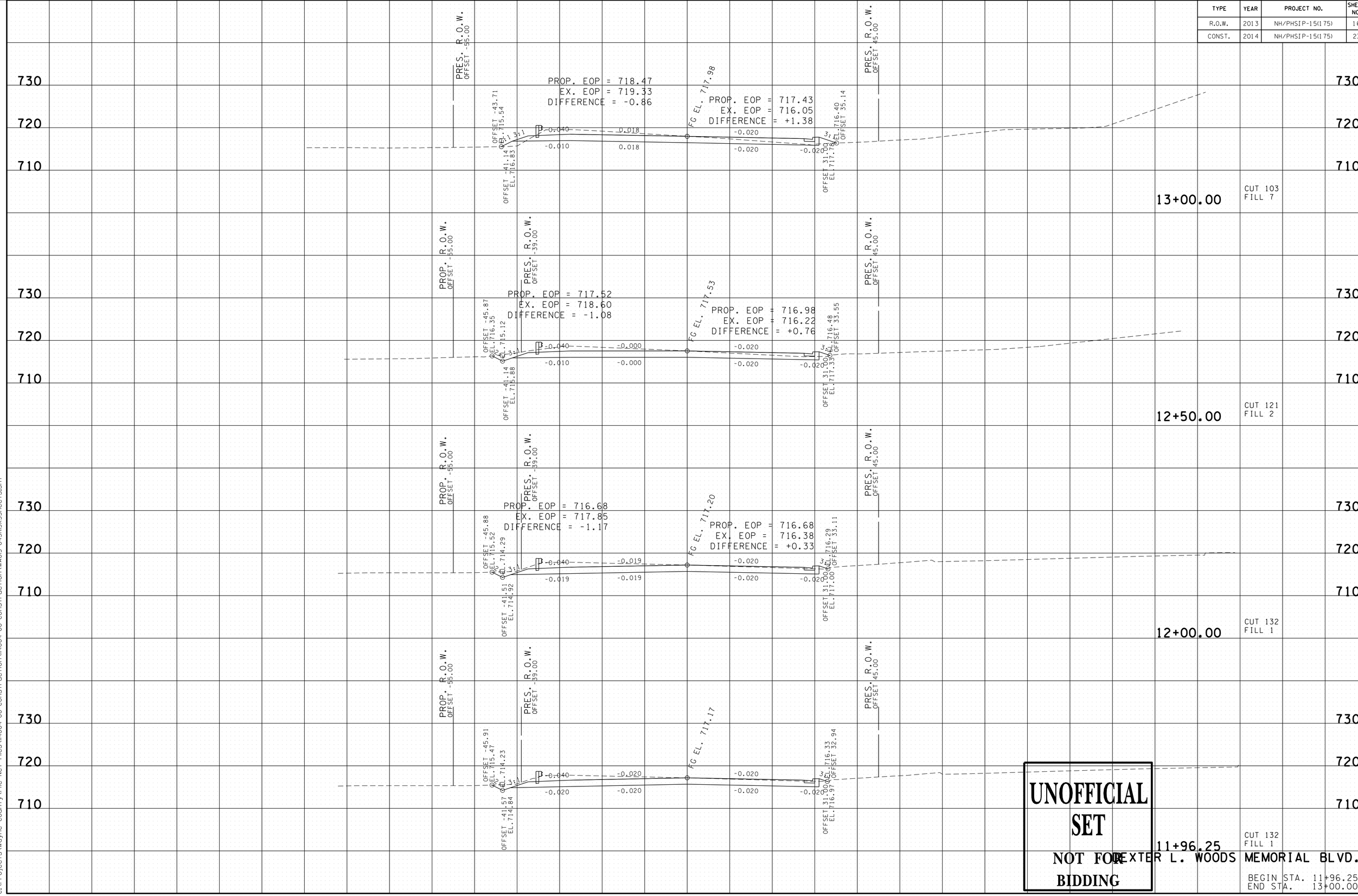
NOT FOR BIDDING

DEXTER L. WOODS MEMORIAL BLVD.

BEGIN STA. 10+50.00
END STA. 11+50.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\II4004-00-Construction\WA015-045R15XSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	16
CONST.	2014	NH/PHSIP-15(175)	23



UNOFFICIAL SET

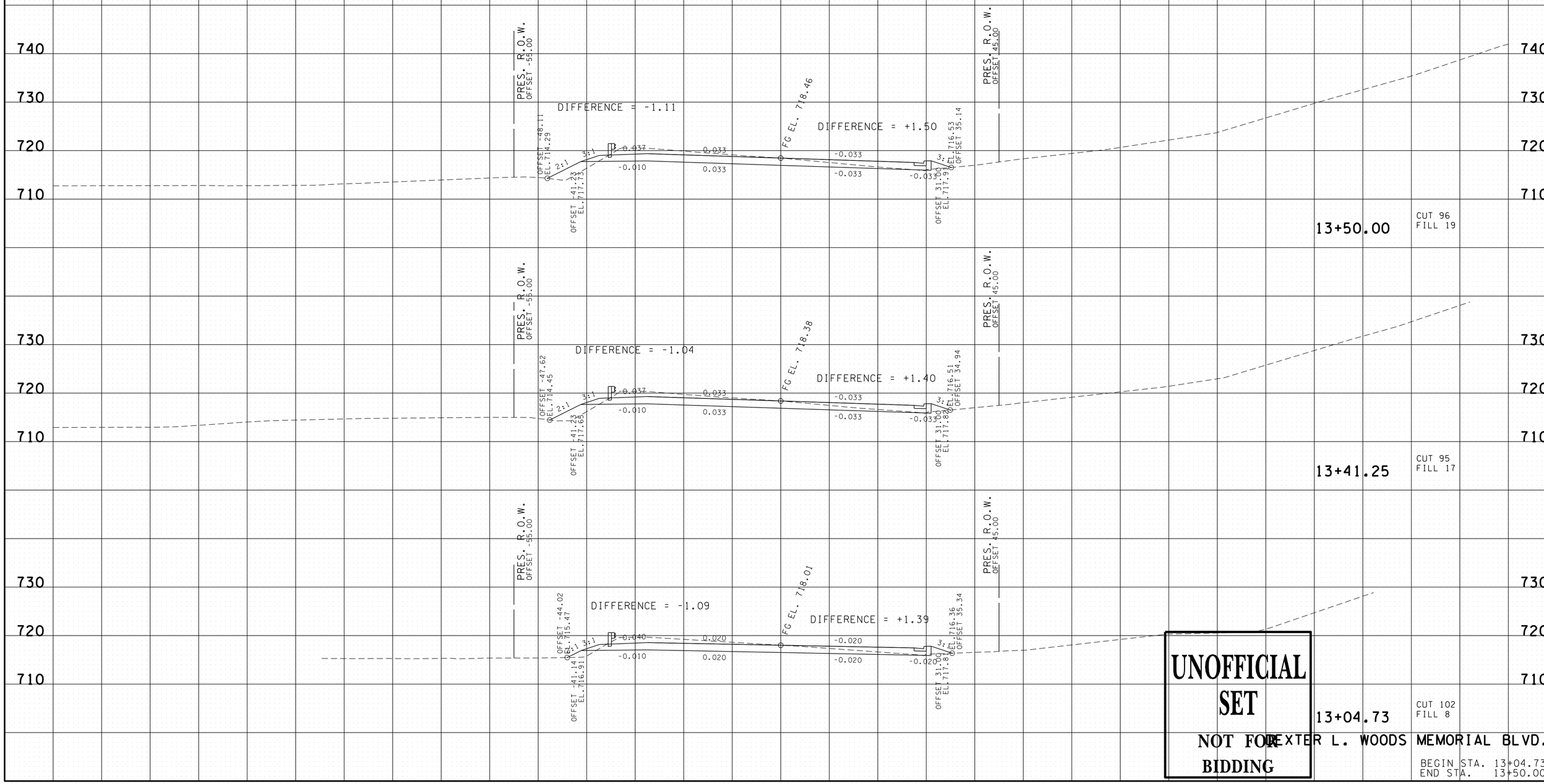
NOT FOR BIDDING

DEXTER L. WOODS MEMORIAL BLVD.

BEGIN STA. 11+96.25
END STA. 13+00.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\11400-00-Construction\11400-00-Construction\WA015-04SR15XSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	17
CONST.	2014	NH/PHSIP-15(175)	24



UNOFFICIAL SET

NOT FOR BIDDING

DEXTER L. WOODS MEMORIAL BLVD.

BEGIN STA. 13+04.73
END STA. 13+50.00

29-SEP-2014 10:42
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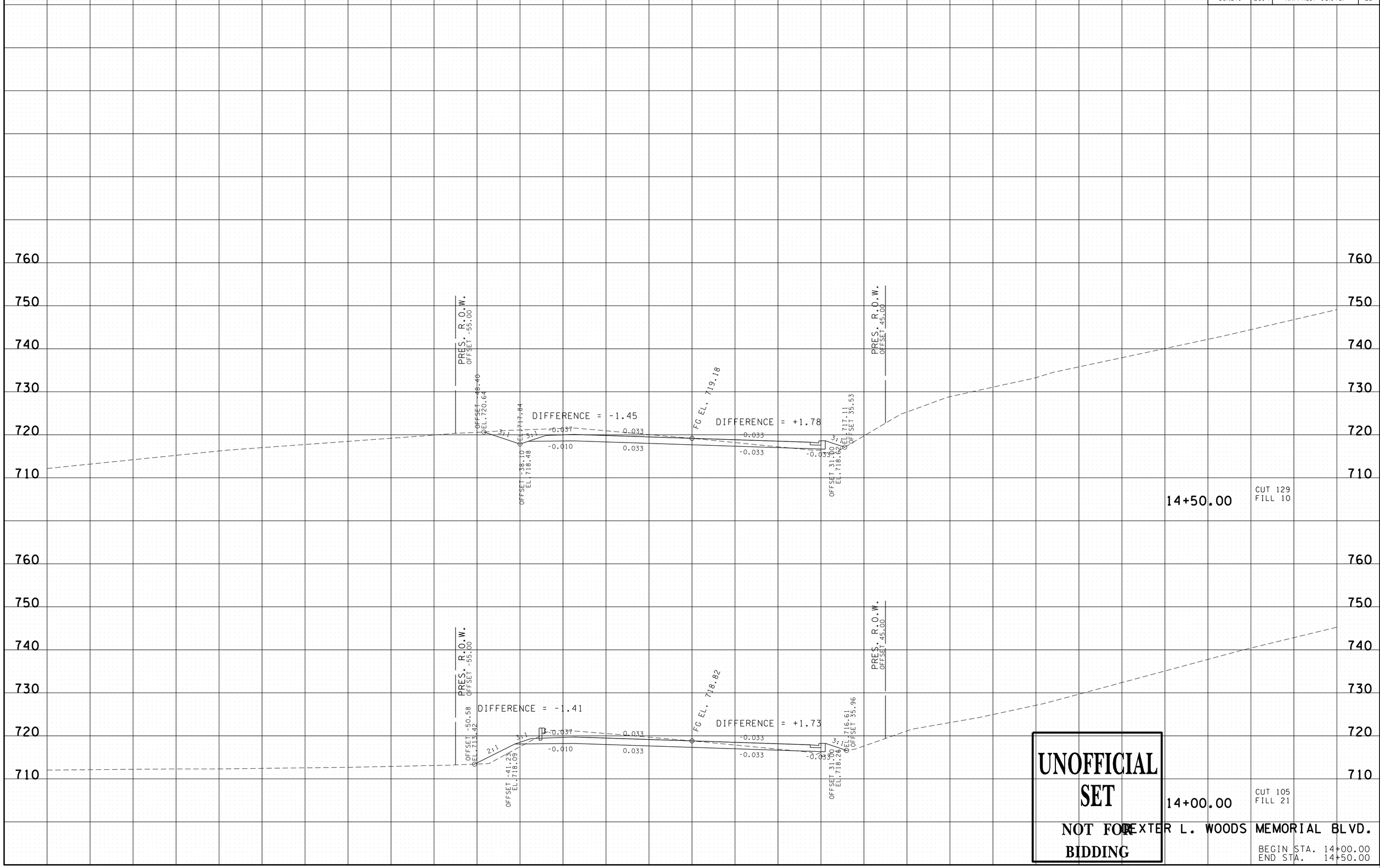
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	18
CONST.	2014	NH/PHSIP-15(175)	25



UNOFFICIAL SET

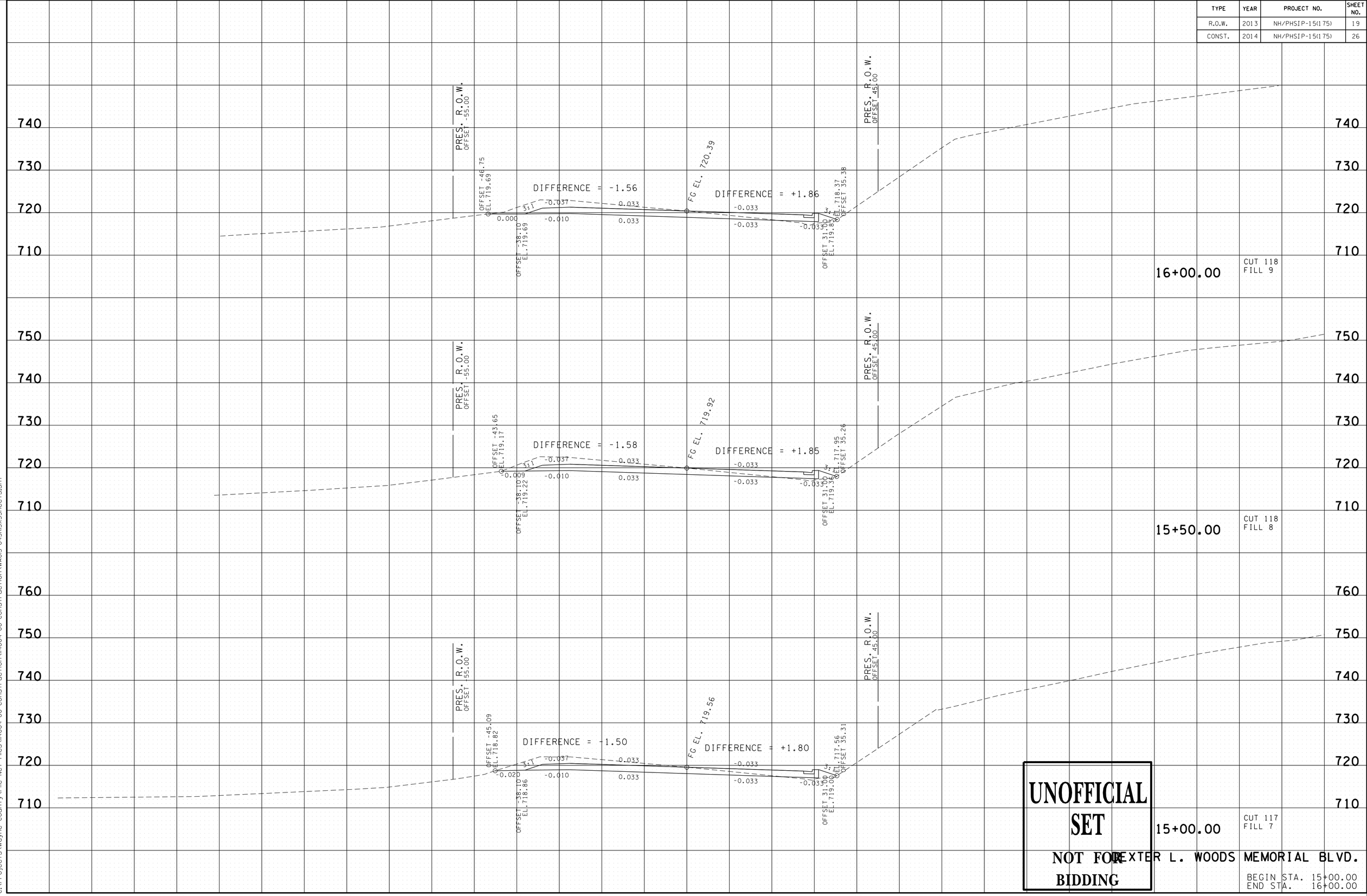
NOT FOR BIDDING

DEXTER L. WOODS MEMORIAL BLVD.

BEGIN STA. 14+00.00
END STA. 14+50.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\N4004-00-Construction\WA015-04SR15XSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	19
CONST.	2014	NH/PHSIP-15(175)	26



UNOFFICIAL SET

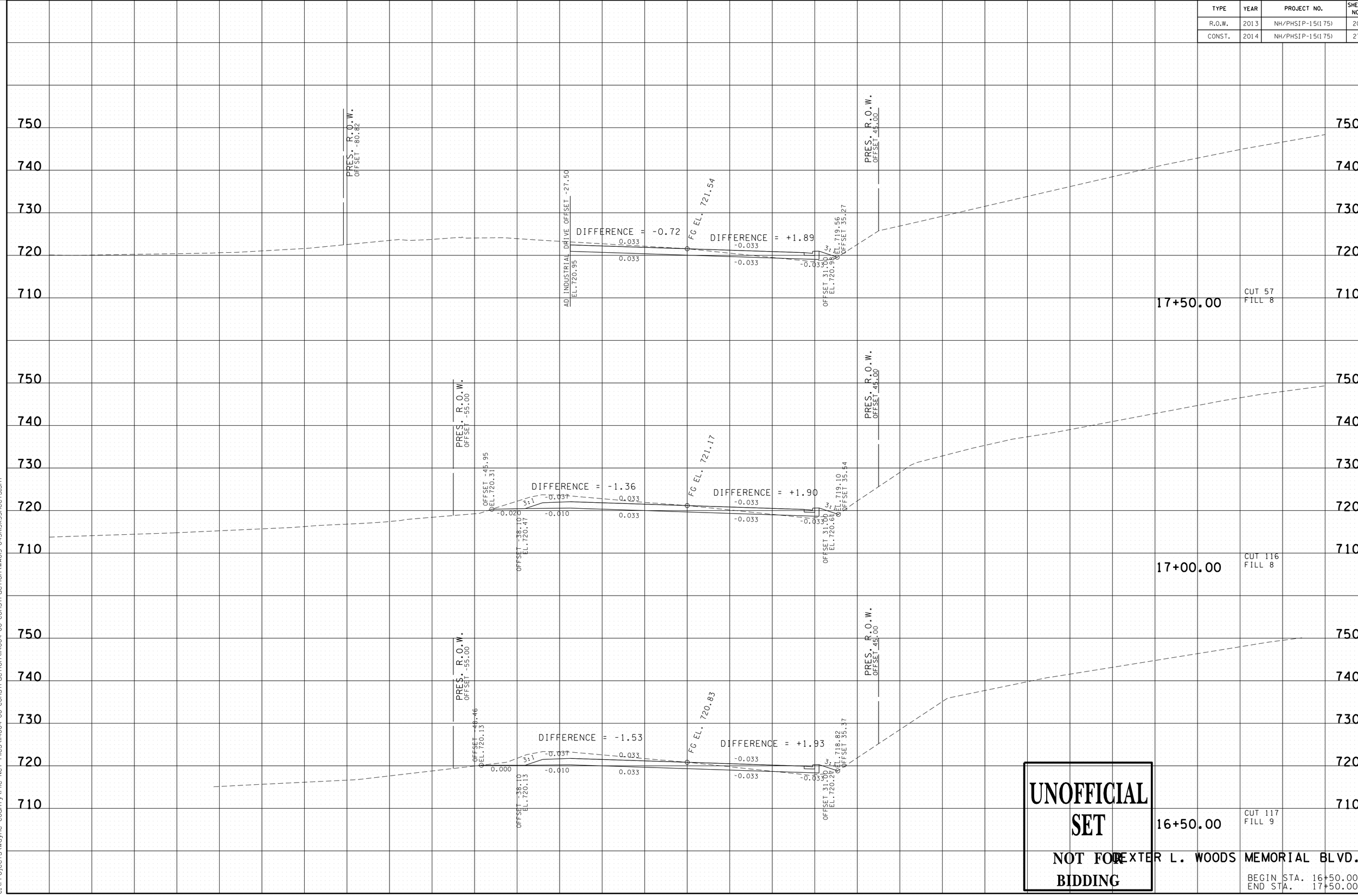
NOT FOR BIDDING

DEXTER L. WOODS MEMORIAL BLVD.

BEGIN STA. 15+00.00
END STA. 16+00.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\U4004-00-Construction\U4004-00-Construction\WA015-045R15XSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	20
CONST.	2014	NH/PHSIP-15(175)	27



UNOFFICIAL SET

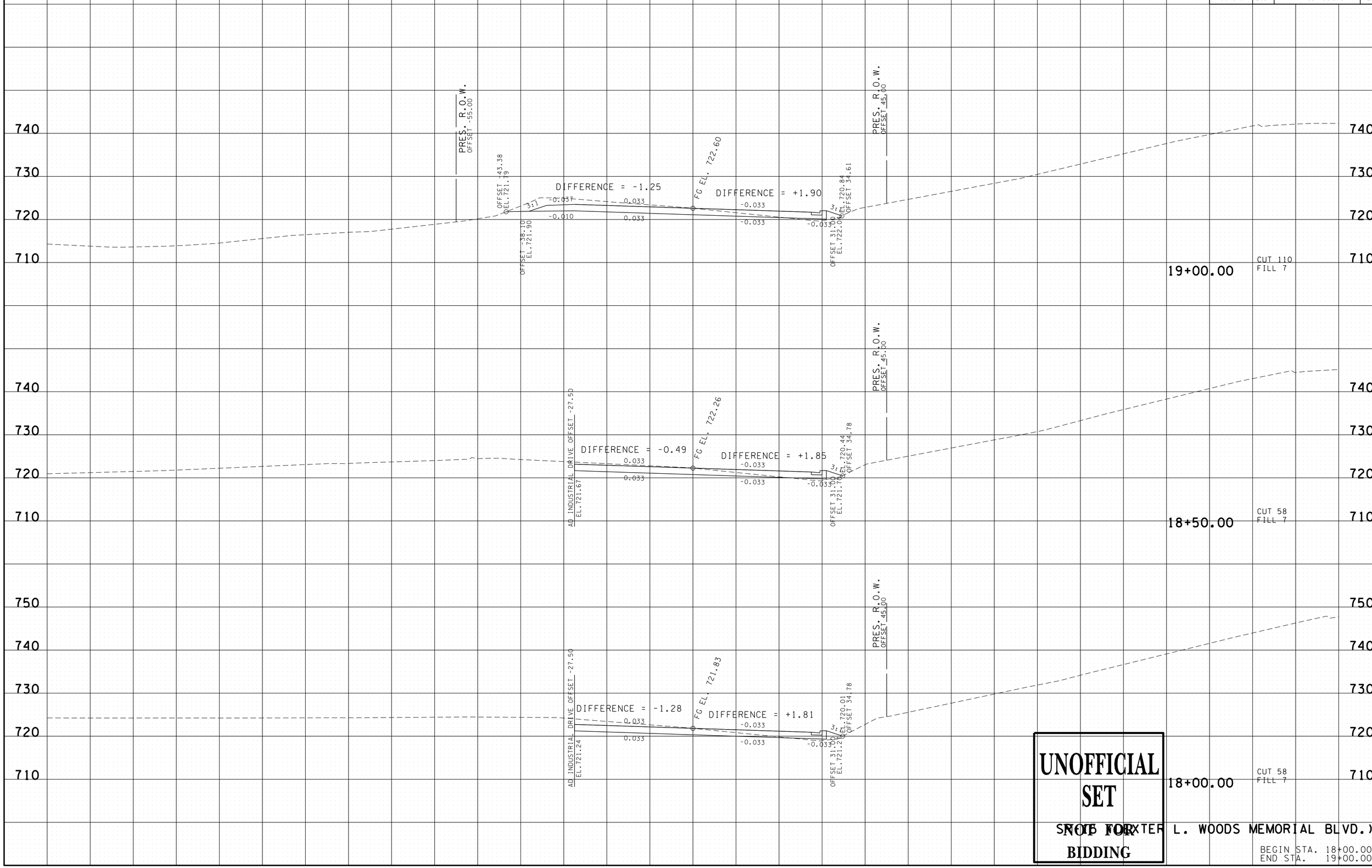
NOT FOR BIDDING

DEXTER L. WOODS MEMORIAL BLVD.

BEGIN STA. 16+50.00
END STA. 17+50.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\U4004-00-Construction\U4004-00-Construction\WA015-045RI5XSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	21
CONST.	2014	NH/PHSIP-15(175)	28



UNOFFICIAL SET

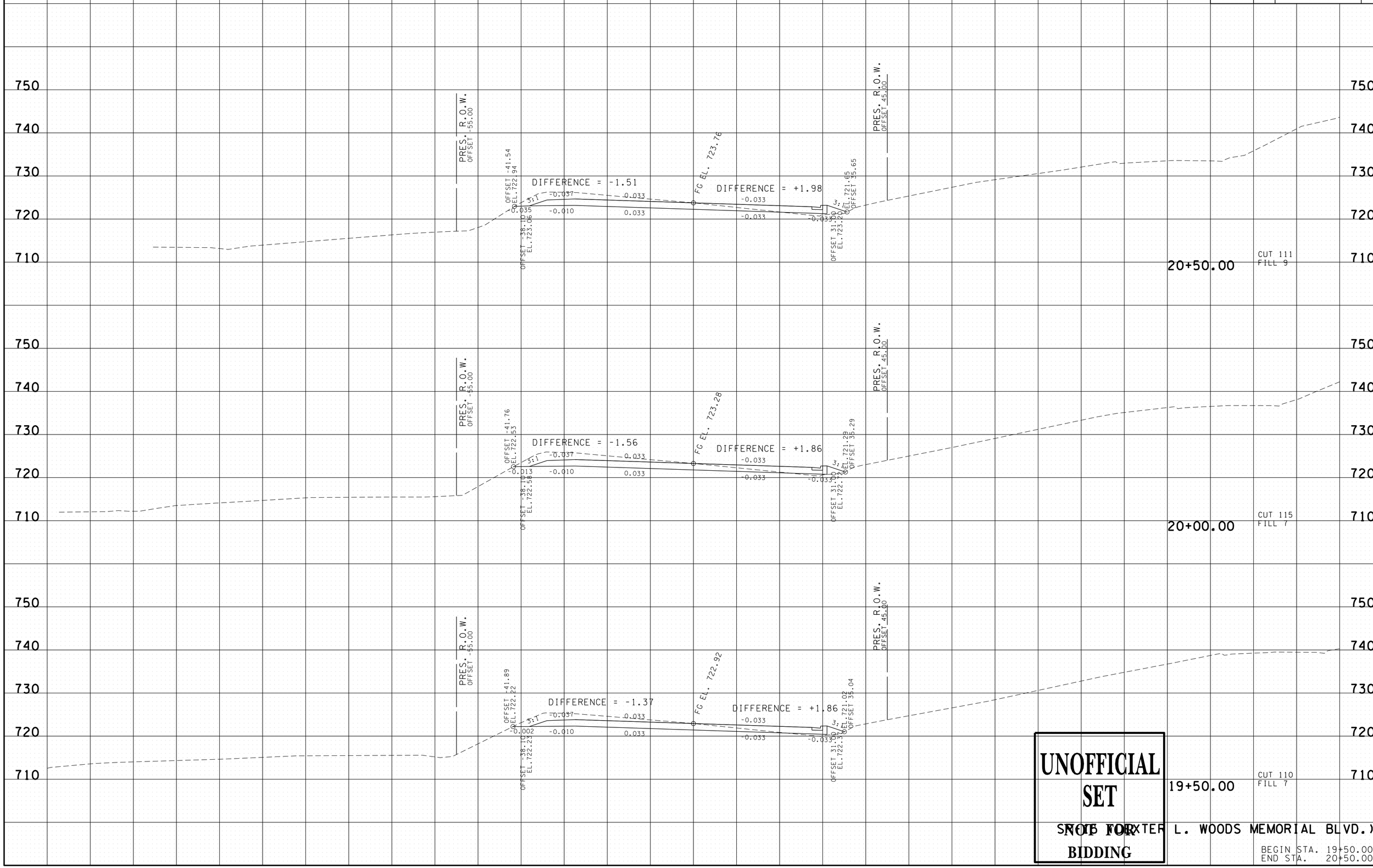
NOT FOR BIDDING

SNTB (DEXTER L. WOODS MEMORIAL BLVD.)

BEGIN STA. 18+00.00
END STA. 19+00.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\II4004-00-Construction\II4004-00-Construction\WA015-045R15XSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	22
CONST.	2014	NH/PHSIP-15(175)	29



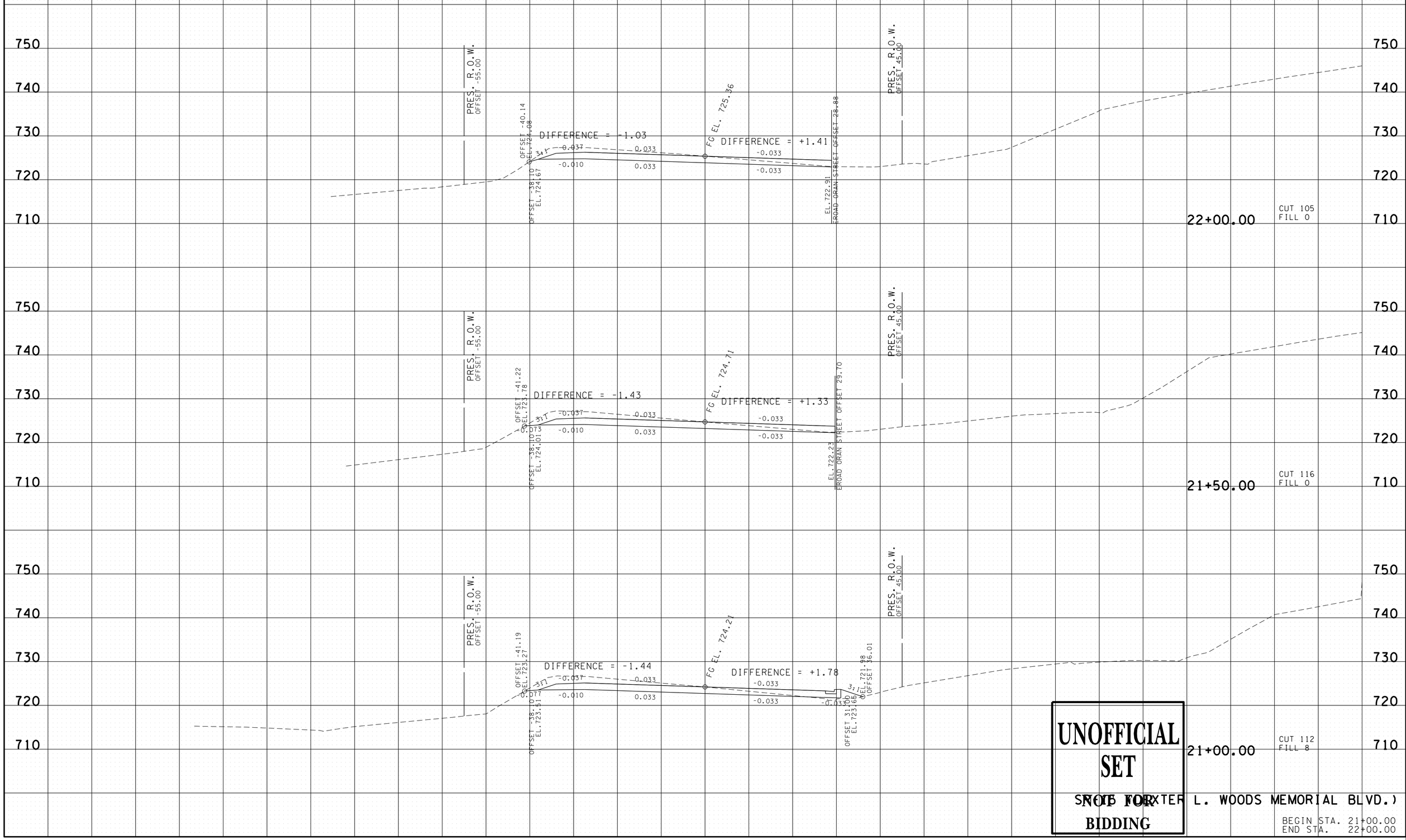
UNOFFICIAL SET
NOT FOR BIDDING

SNOW FOXTER L. WOODS MEMORIAL BLVD.)

BEGIN STA. 19+50.00
END STA. 20+50.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\II4004-00-Construction\II4004-00-Construction\WA015-04SR15XSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	23
CONST.	2014	NH/PHSIP-15(175)	30



UNOFFICIAL SET
NOT FOR BIDDING

SHEET 15 (DEXTER L. WOODS MEMORIAL BLVD.)

BEGIN STA. 21+00.00
END STA. 22+00.00

29-SEP-2014 10:42
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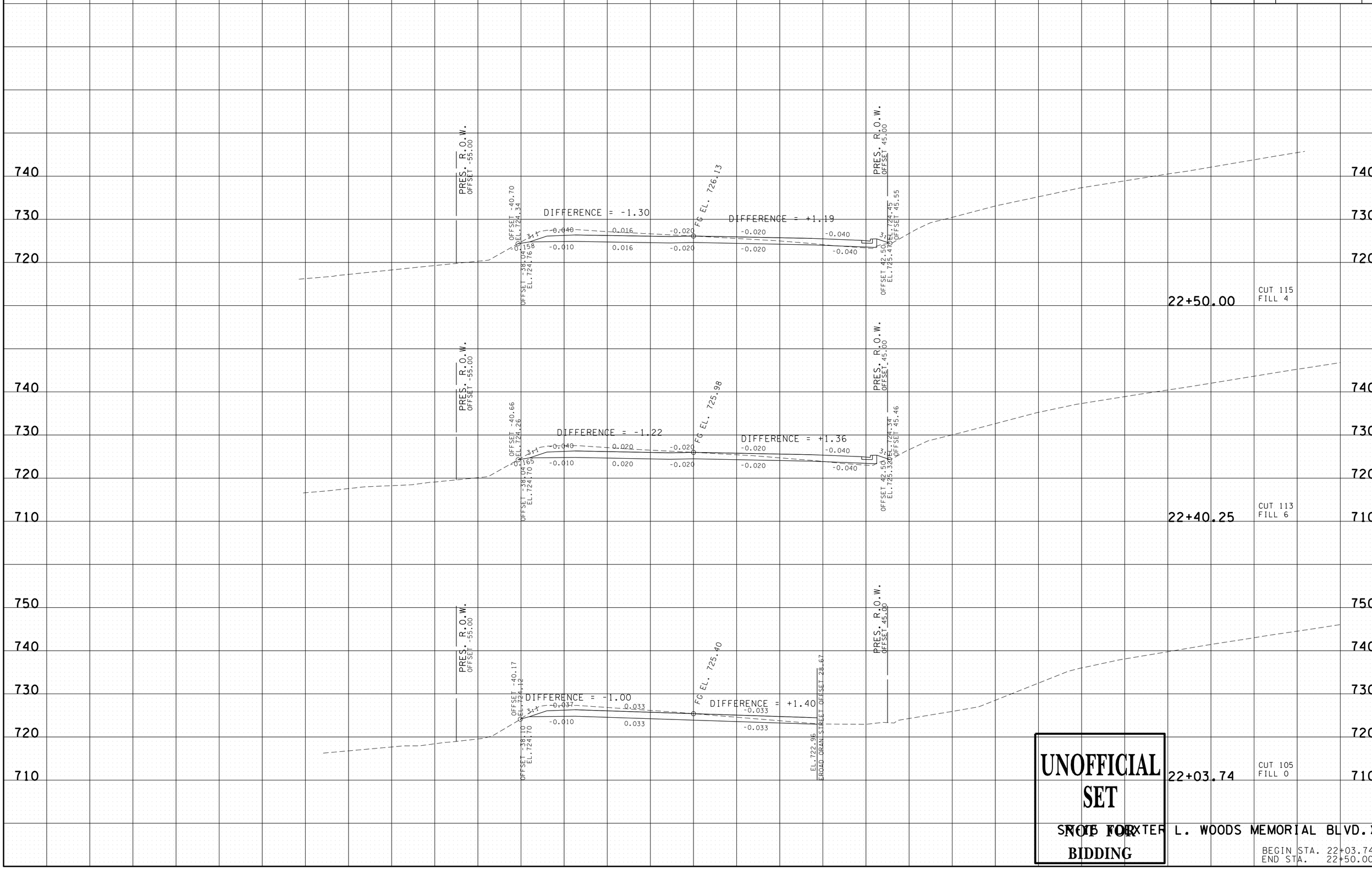
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	24
CONST.	2014	NH/PHSIP-15(175)	31



29-SEP-2014 10:42
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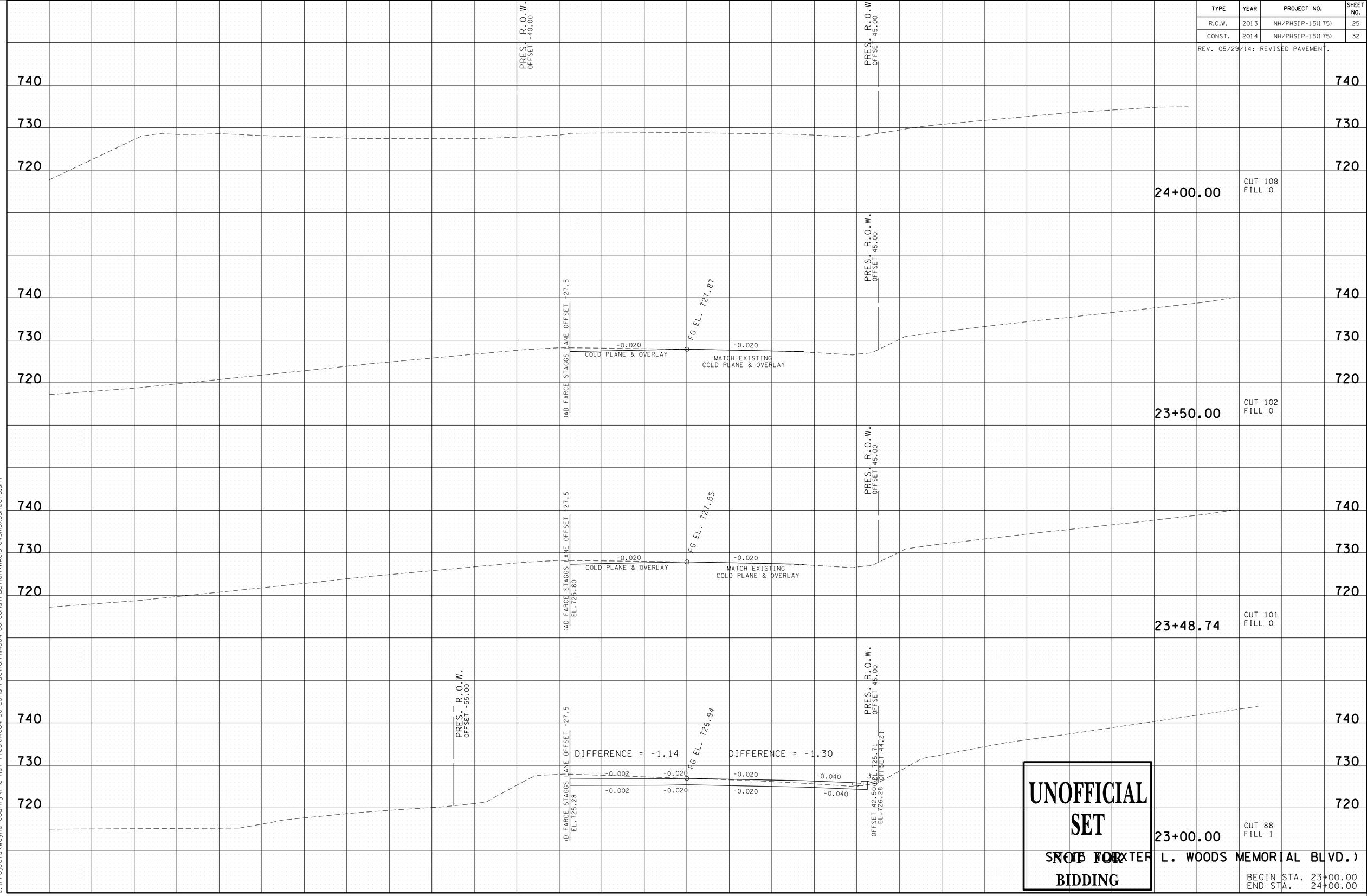
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	25
CONST.	2014	NH/PHSIP-15(175)	32

REV. 05/29/14: REVISED PAVEMENT.



UNOFFICIAL SET
NOT FOR BIDDING

SHEET FOR (EXTER L. WOODS MEMORIAL BLVD.)

BEGIN STA. 23+00.00
END STA. 24+00.00

29-SEP-2014 10:42
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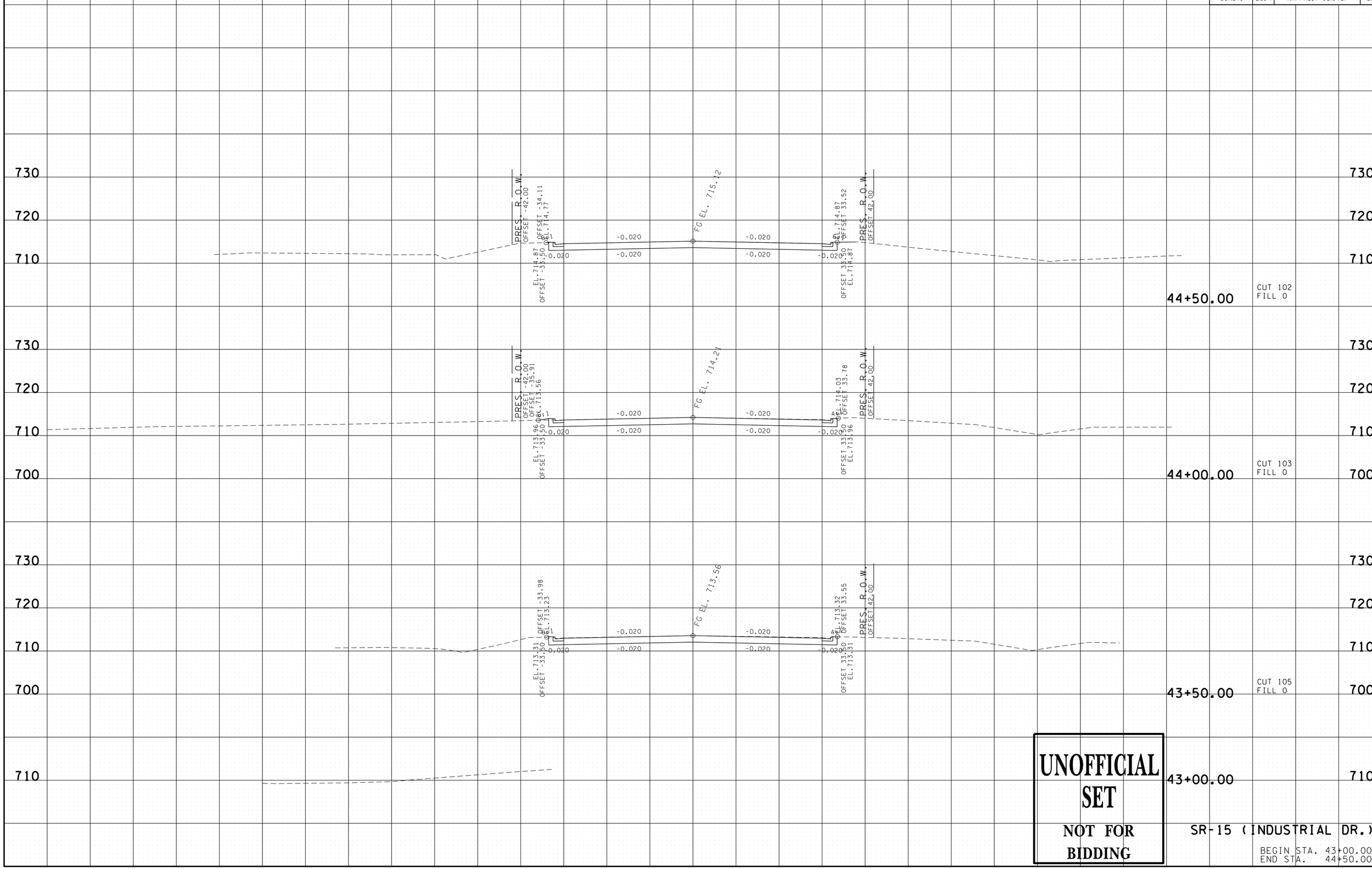
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	28
CONST.	2014	NH/PHSIP-15(175)	33



UNOFFICIAL SET

NOT FOR BIDDING

SR-15 (INDUSTRIAL DR.)

BEGIN STA. 43+00.00
END STA. 44+50.00

29-SEP-2014 10:42
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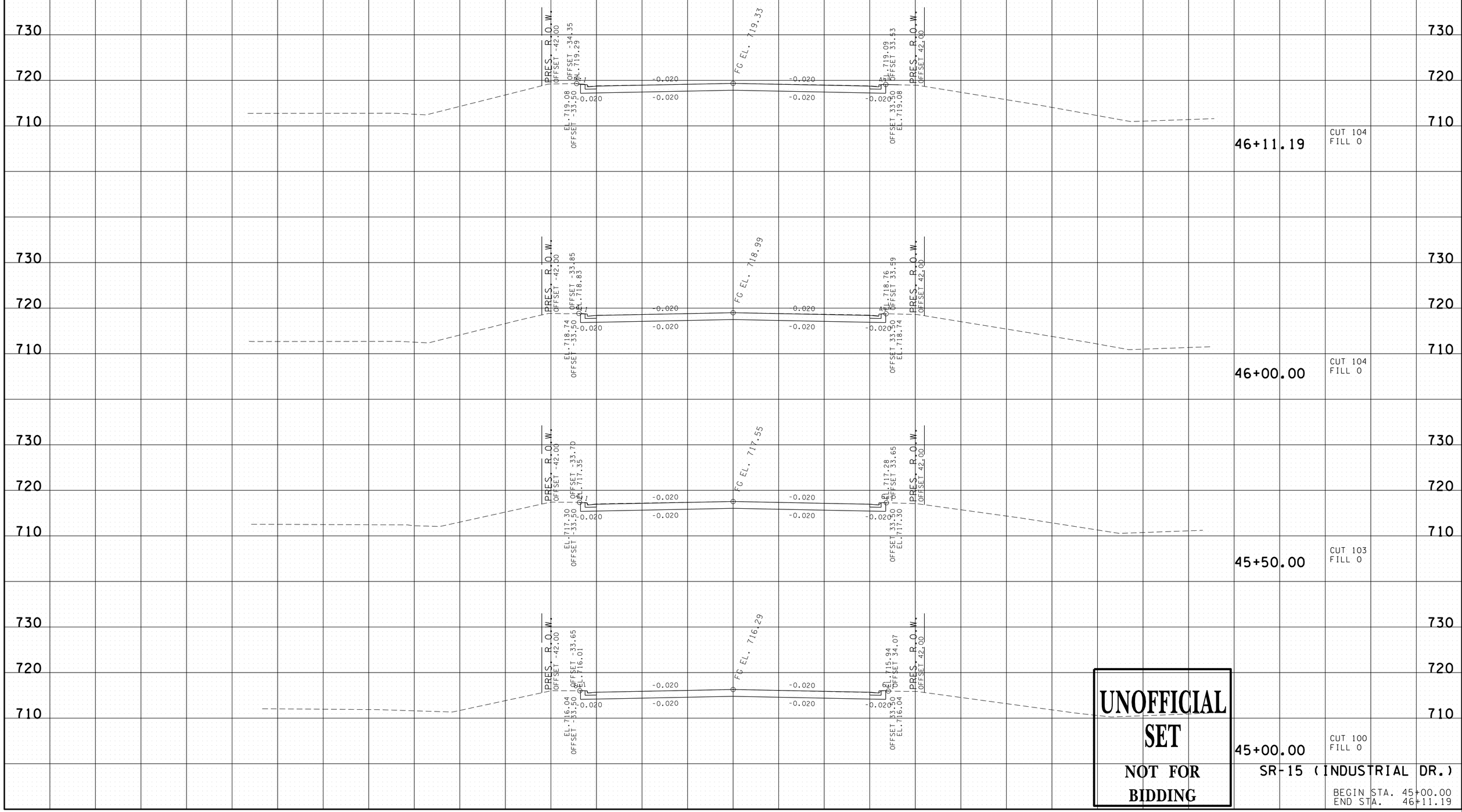
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	29
CONST.	2014	NH/PHSIP-15(175)	34



UNOFFICIAL SET

NOT FOR BIDDING

SR-15 (INDUSTRIAL DR.)

BEGIN STA. 45+00.00
END STA. 46+11.19

29-SEP-2014 10:42
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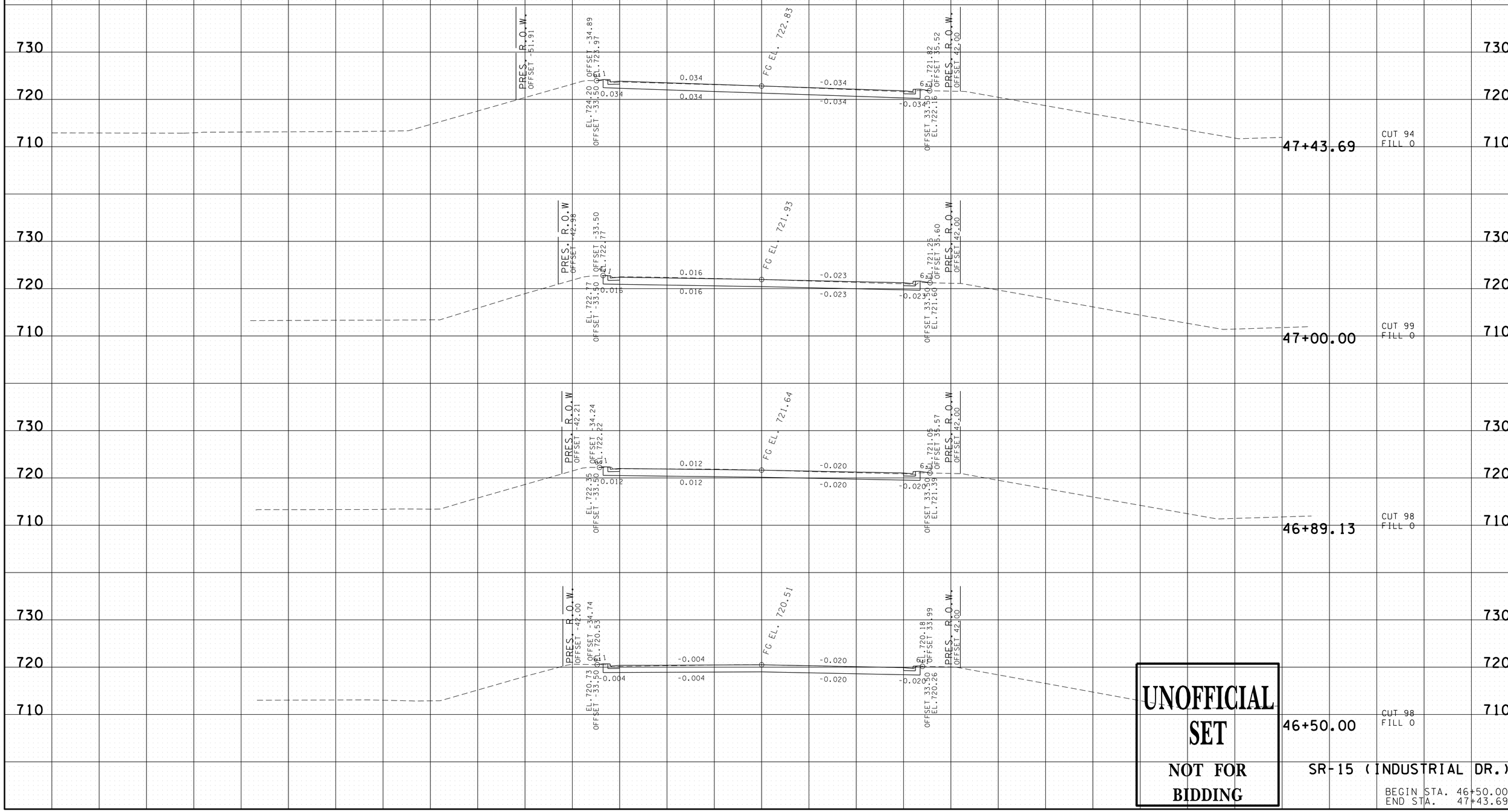
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	30
CONST.	2014	NH/PHSIP-15(175)	35



UNOFFICIAL SET

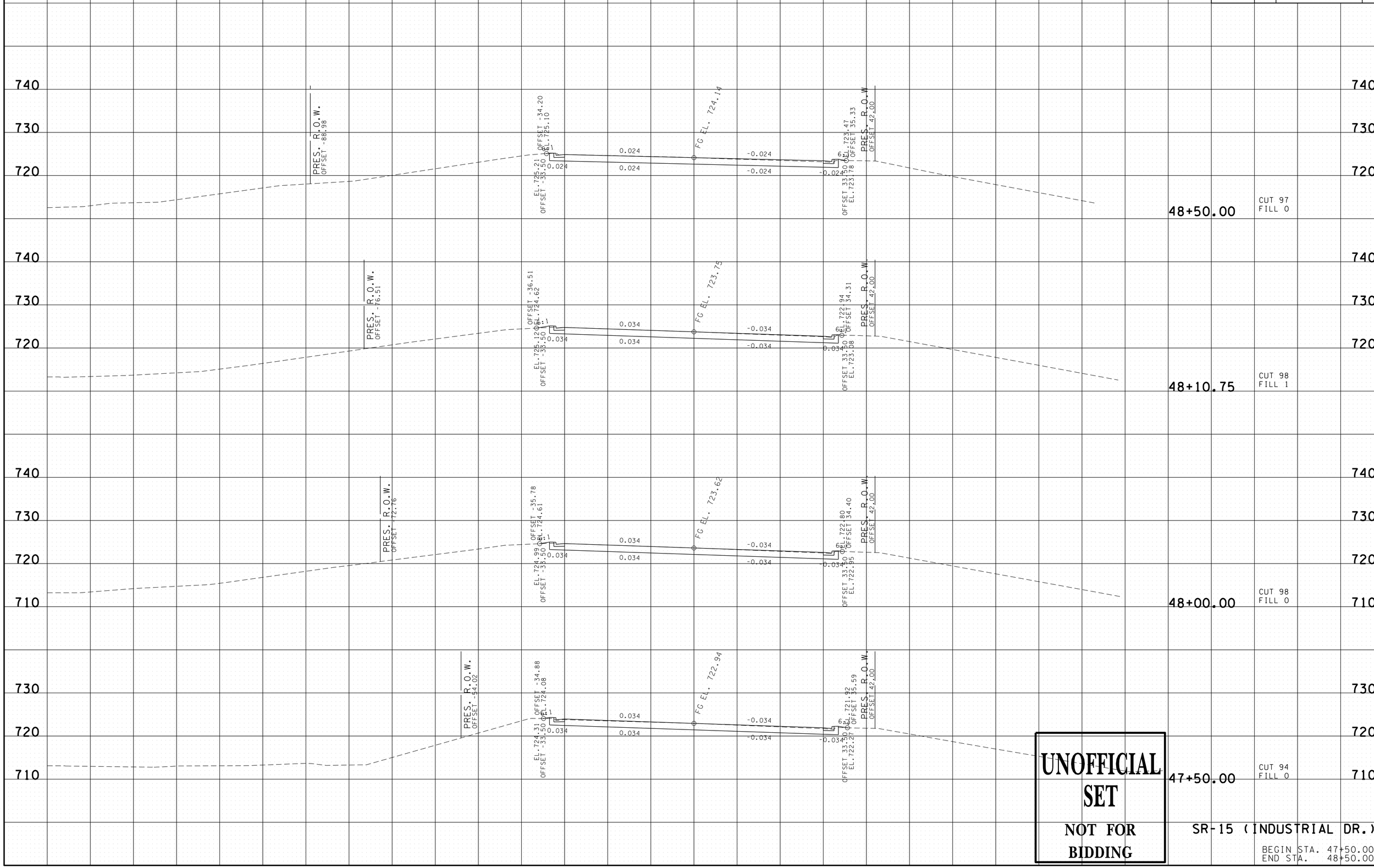
NOT FOR BIDDING

SR-15 (INDUSTRIAL DR.)

BEGIN STA. 46+50.00
END STA. 47+43.69

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\U14004-00-Construction\WA015-04IndustrialXSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	31
CONST.	2014	NH/PHSIP-15(175)	36



UNOFFICIAL SET

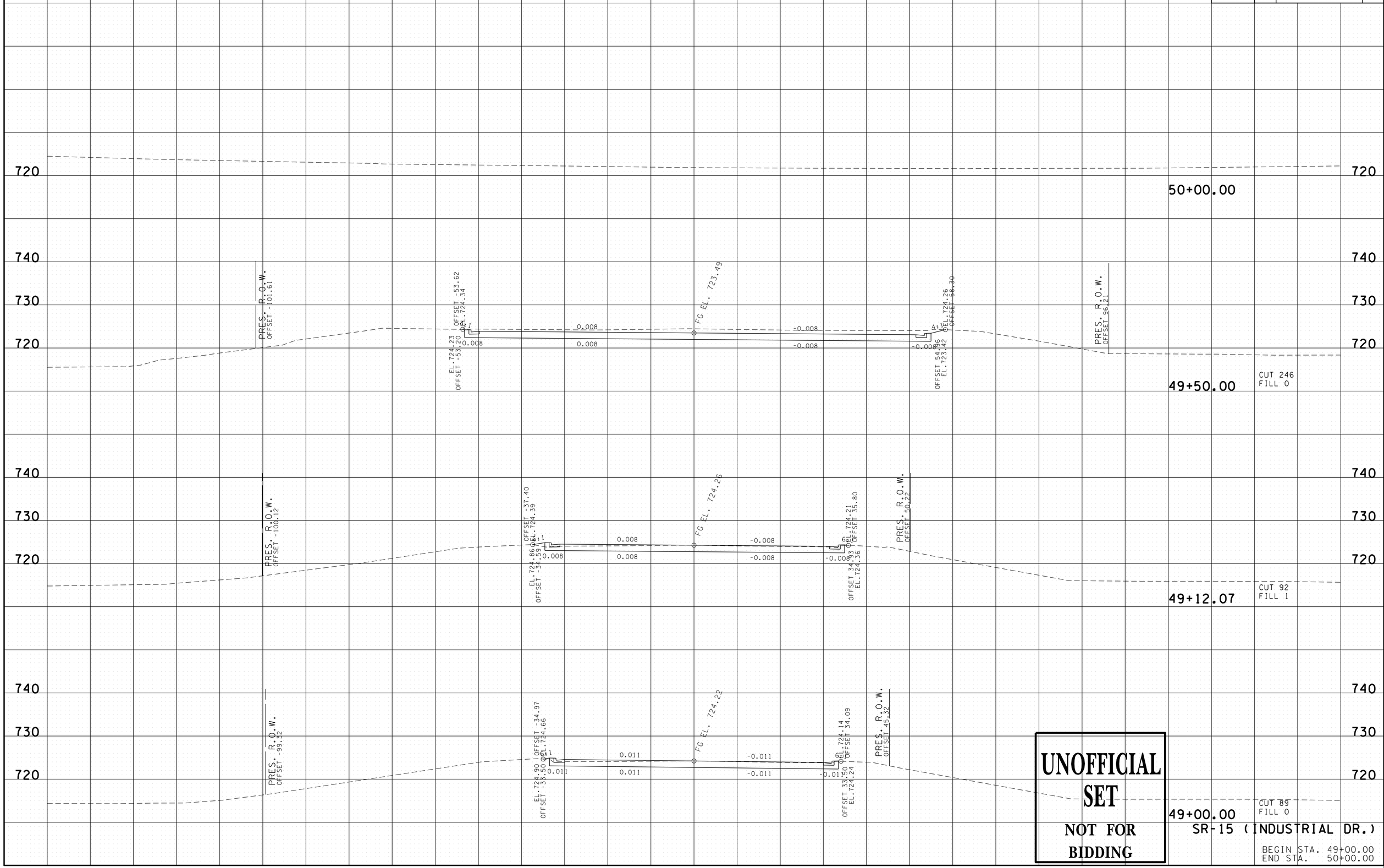
NOT FOR BIDDING

SR-15 (INDUSTRIAL DR.)

BEGIN STA. 47+50.00
END STA. 48+50.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\14004-00-Construction\14004-00-Construction\WA015-04Industrial\XSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	32
CONST.	2014	NH/PHSIP-15(175)	37



UNOFFICIAL SET

NOT FOR BIDDING

29-SEP-2014 10:42
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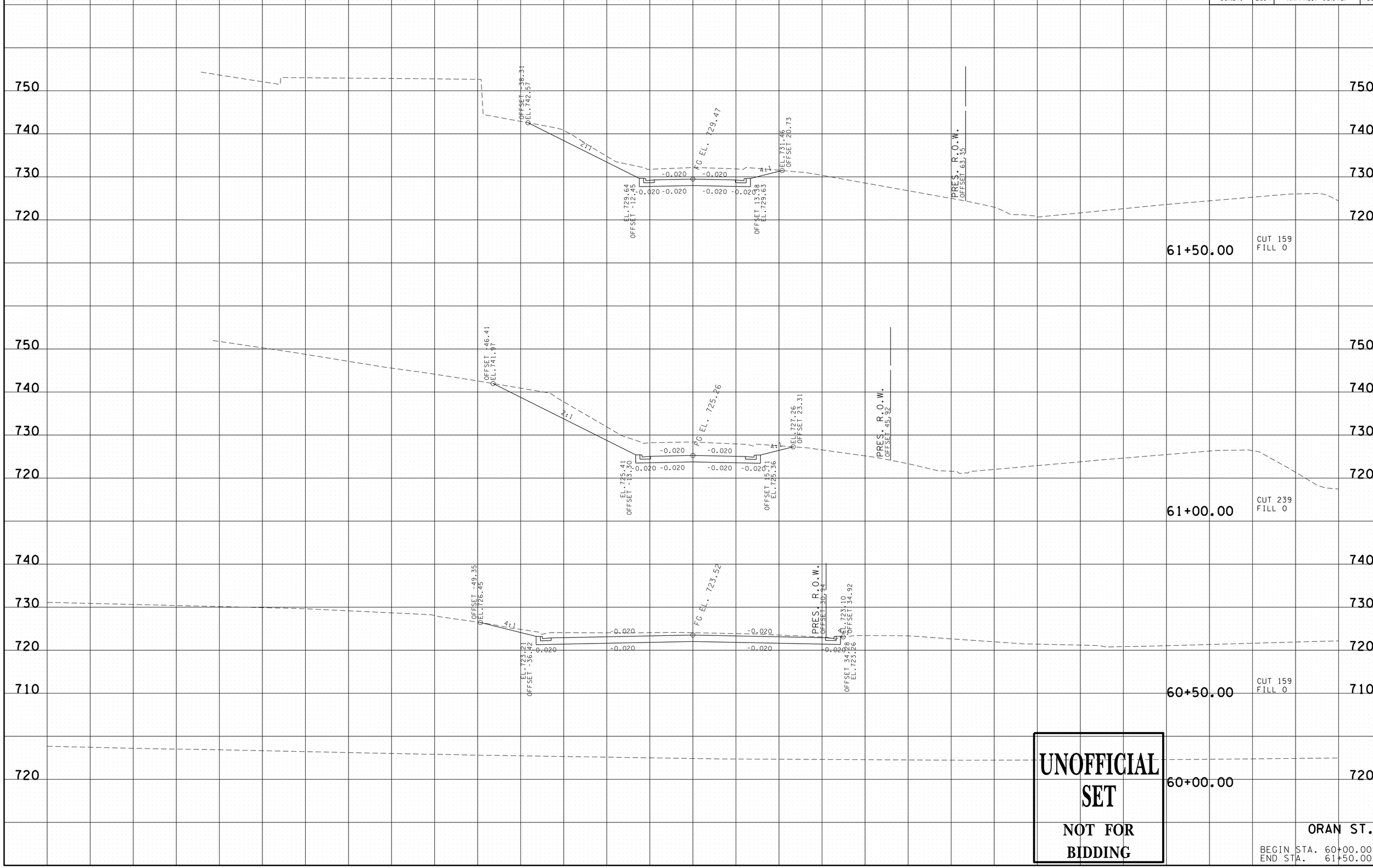
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	33
CONST.	2014	NH/PHSIP-15(175)	38



UNOFFICIAL SET

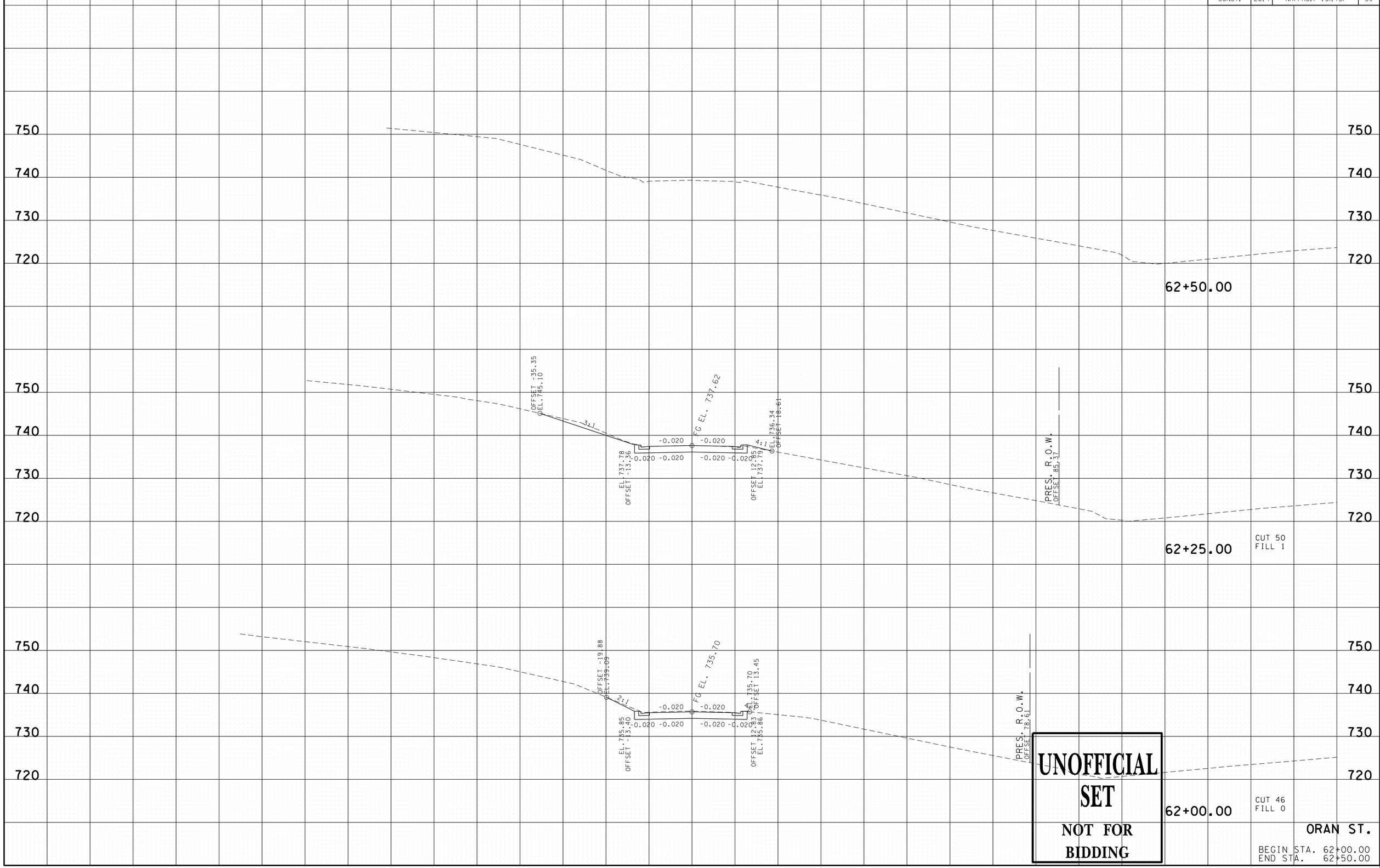
NOT FOR BIDDING

ORAN ST.

BEGIN STA. 60+00.00
END STA. 61+50.00

29-SEP-2014 10:42
C:\Projects\Wayne County\File Net Files\11400400-00-Construction\WA015-040ranXSSheets.sht

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	34
CONST.	2014	NH/PHSIP-15(175)	39



UNOFFICIAL SET

NOT FOR BIDDING

ORAN ST.

BEGIN STA. 62+00.00
END STA. 62+50.00

29-SEP-2014 10:42
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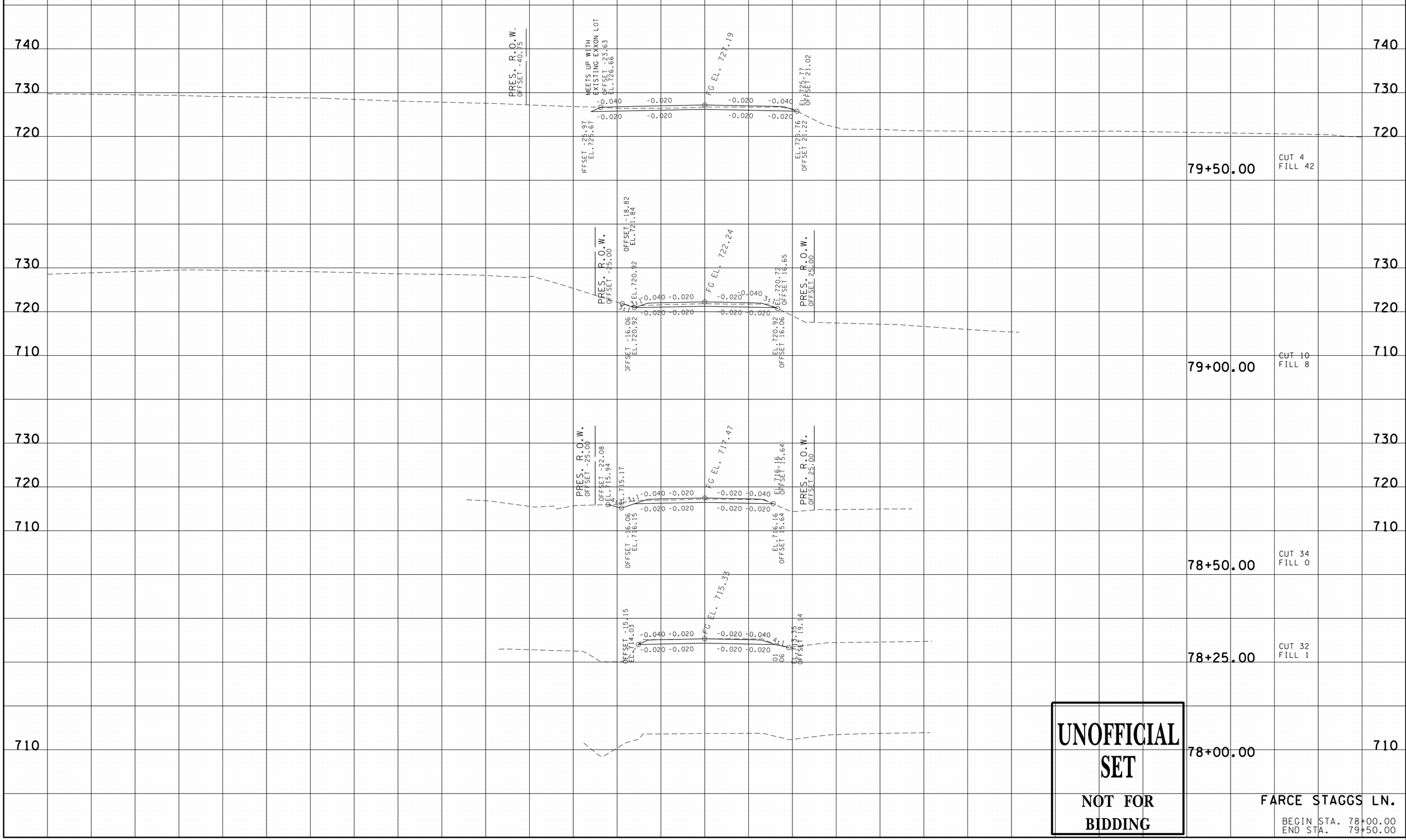
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	35
CONST.	2014	NH/PHSIP-15(175)	40

REV. 05/30/14: REVISED ALL FARCE STAGGS LANE CROSS SECTIONS.



UNOFFICIAL SET

NOT FOR BIDDING

FARCE STAGGS LN.

BEGIN STA. 78+00.00
END STA. 79+50.00

29-SEP-2014 10:42
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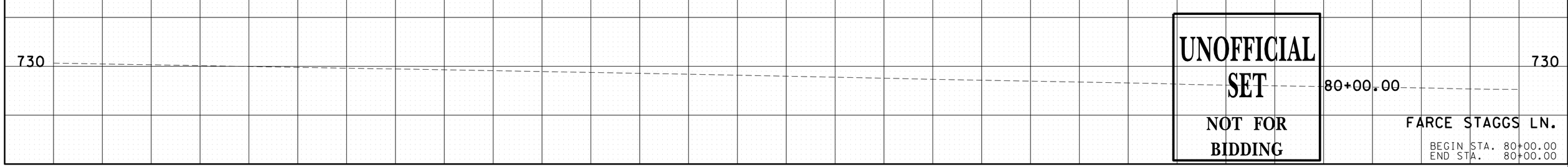
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	NH/PHSIP-15(175)	36
CONST.	2014	NH/PHSIP-15(175)	41

REV. 05/30/14: REVISED ALL FARCE STAGGS LANE CROSS SECTIONS.



UNOFFICIAL SET

NOT FOR BIDDING

FARCE STAGGS LN.

BEGIN STA. 80+00.00
END STA. 80+00.00

29-SEP-2014 10:42
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