

17-JAN-2017 09:53
\\J02WF01.tdot.state.tn.us\02Shared\Design County Folders\Hamilton\SR 2 RSAR Cummings Hwy\001.R.O.W.sht

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING

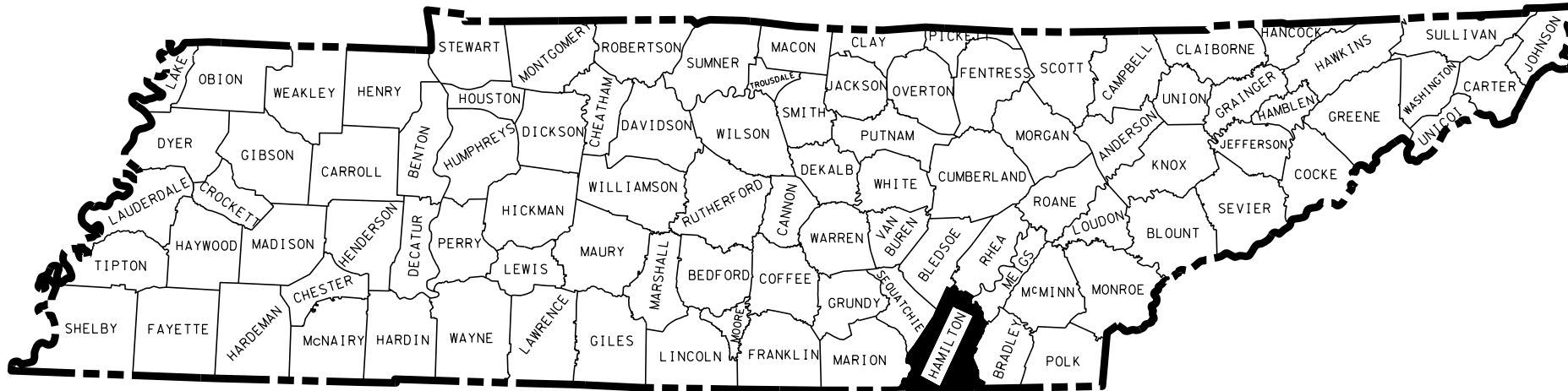
HAMILTON COUNTY

SR-2 (CUMMINGS HIGHWAY) INTERSECTION
AT I-24 RAMP IN CHATTANOOGA (RSAR)
EXIT 174

R.O.W.

STATE HIGHWAY NO. 2 F.A.H.S. NO. N/A

TENN.	YEAR	SHEET NO.
	2017	1
FED. AID PROJ. NO.	HSIP-2(227)	
STATE PROJ. NO.	33007-2205-94	



HAMILTON COUNTY
SR-2
118452.00

33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 402+13.82 (R.O.W.)
N 250417.7644
E 2152183.2717

33007-2205-94
END PROJ. NO. HSIP-2(227)
STA. 418+55.72 (R.O.W.)
N 249847.3254
E 2154245.1313

NO EXCLUSIONS

NO EQUATIONS



0 0.25 0.5 0.75 MILES

SPECIAL NOTES

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

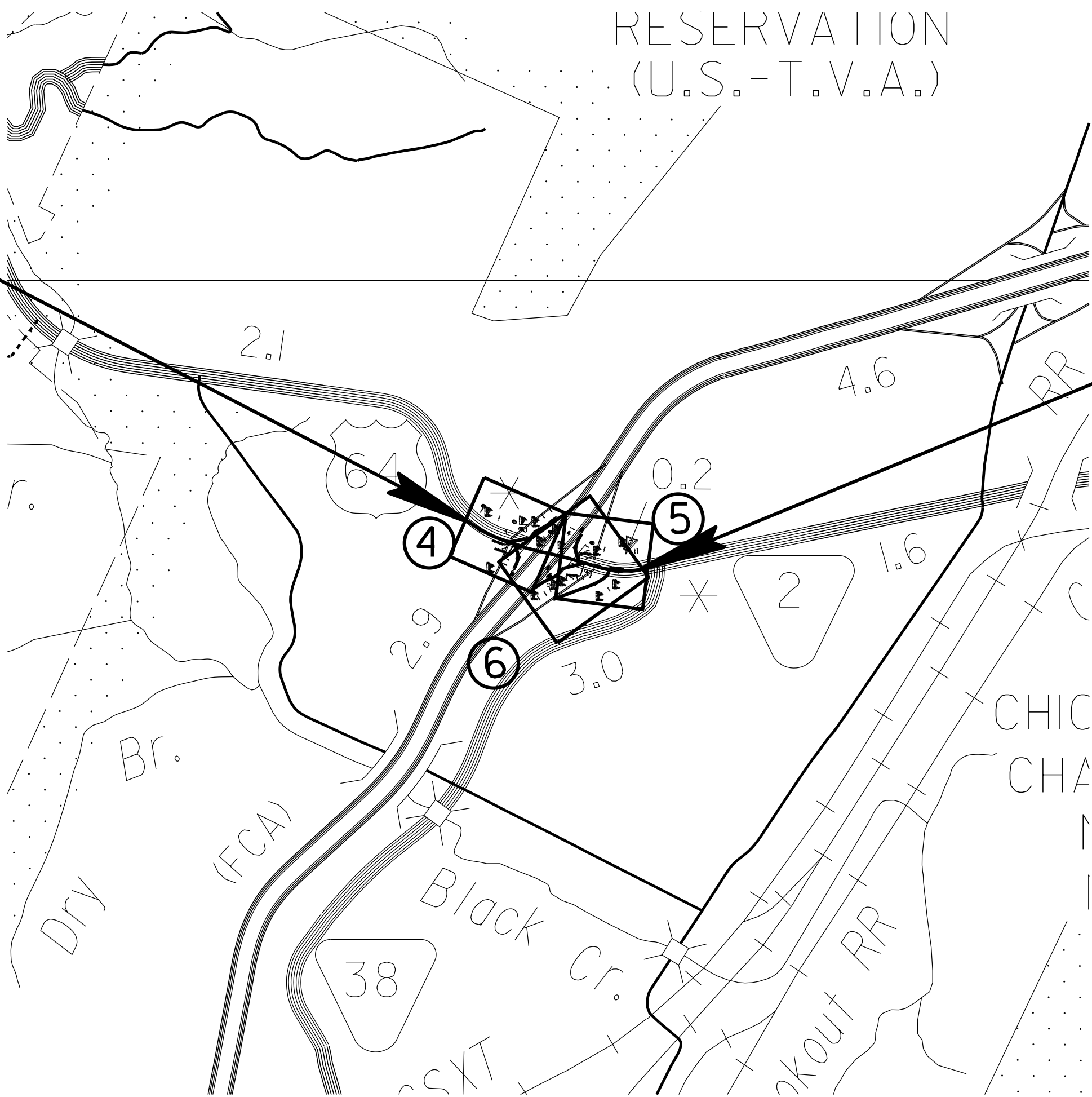
THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED JANUARY 1, 2015 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT CE MANAGER 1 GREGORY J. TAYLOR, P.E.

DESIGNER MEGAN WILDES CHECKED BY

P.E. NO. 33007-1205-94

PIN NO. 118452.00

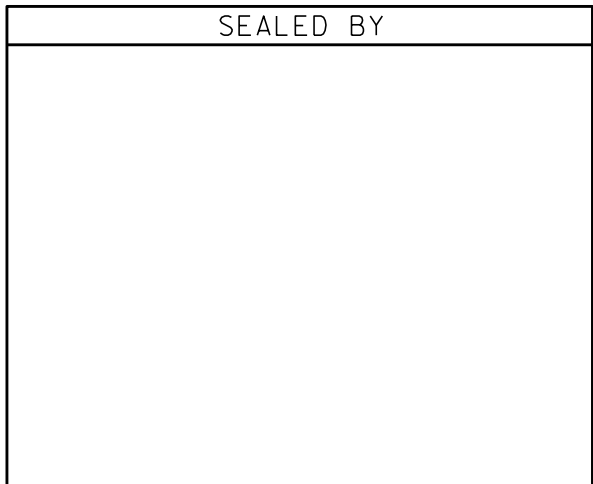


SCALE: 1"= 1320'

R.O.W. LENGTH 0.311 MILES

TRAFFIC DATA	
ADT (2016)	9940
ADT (2036)	14380
DHV (2036)	1552
D	55 - 45
T (ADT)	5 %
T (DHV)	3 %
V	20 MPH

SURVEY DATE: AUGUST 2015
LATEST UPDATE: OCTOBER 2016



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

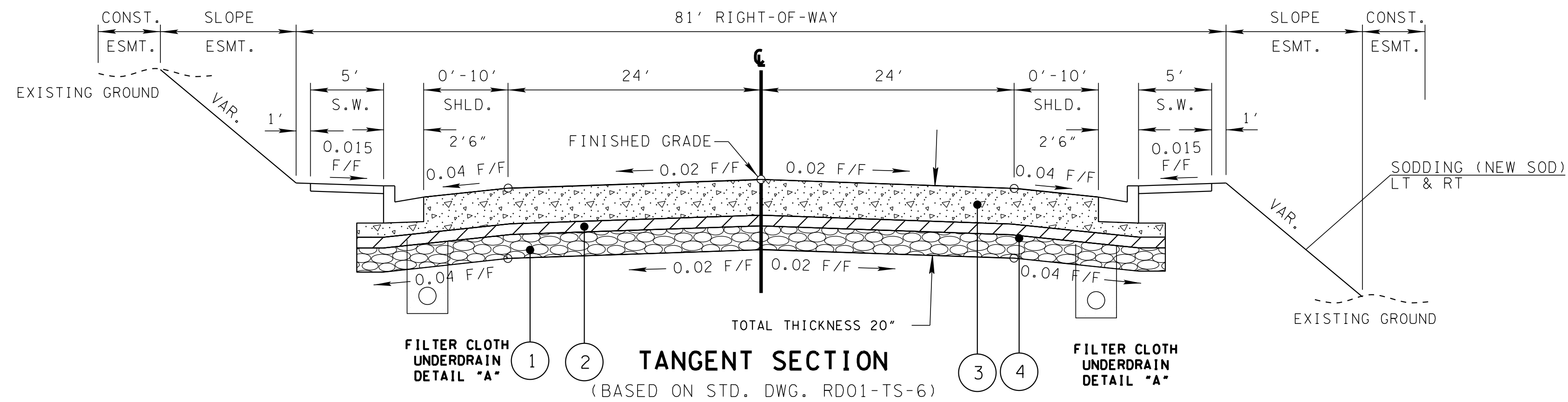
DATE:

APPROVED: John Schroer
JOHN SCHROER, COMMISSIONER

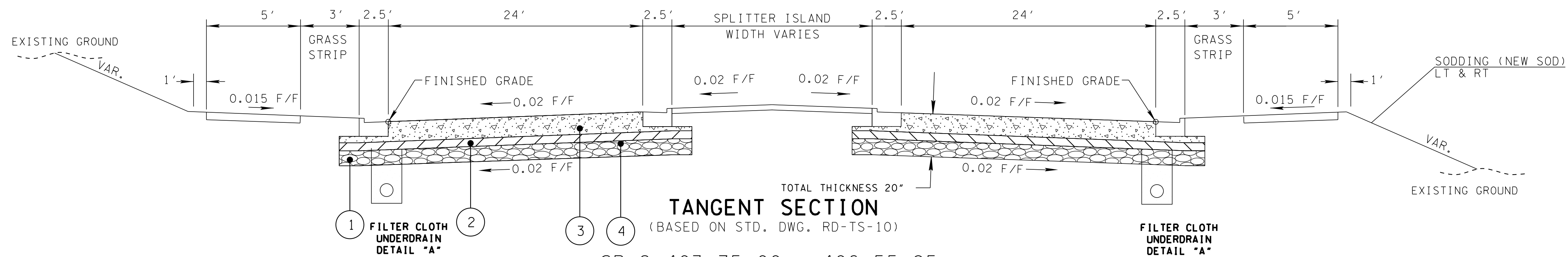
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: DIVISION ADMINISTRATOR DATE

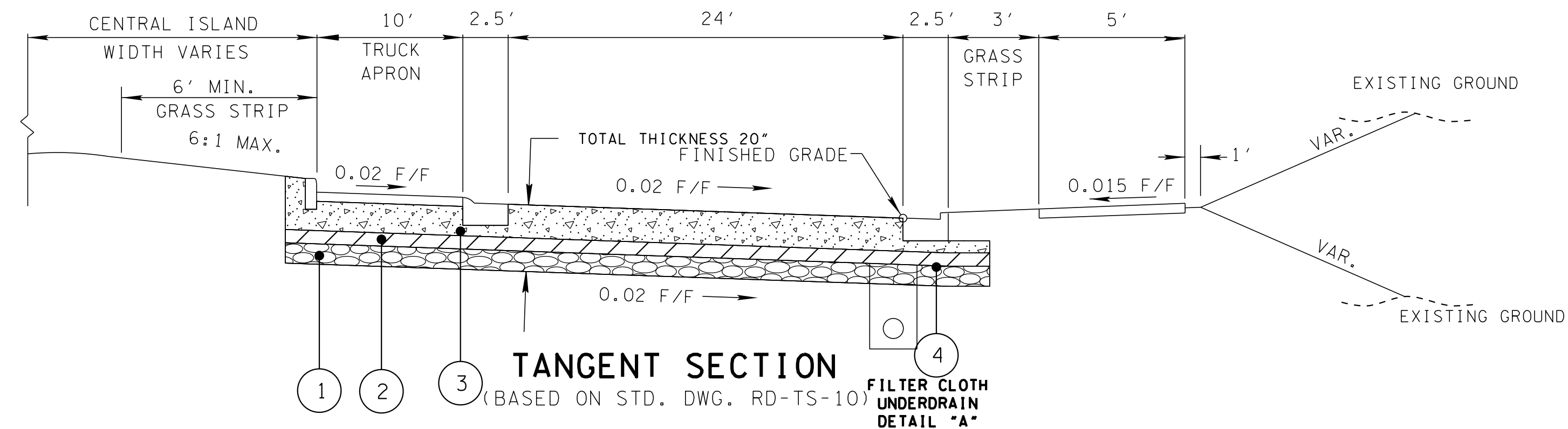
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	2



SR-2 403+16.64 - 403+75.00



SR-2 403+75.00 - 406+55.95
SR-2 407+66.57 - 412+40.47
SR-2 413+60.30 - 416+50.84



SR-2 ROUNDABOUT 1 0+00.00 - 4+56.24 (SR-2 STA. 406+55.95 - 407+66.57)
SR-2 ROUNDABOUT 2 0+00.00 - 4+54.42 (SR-2 STA. 412+40.47 - 413+60.30)

PROPOSED PAVEMENT SCHEDULE

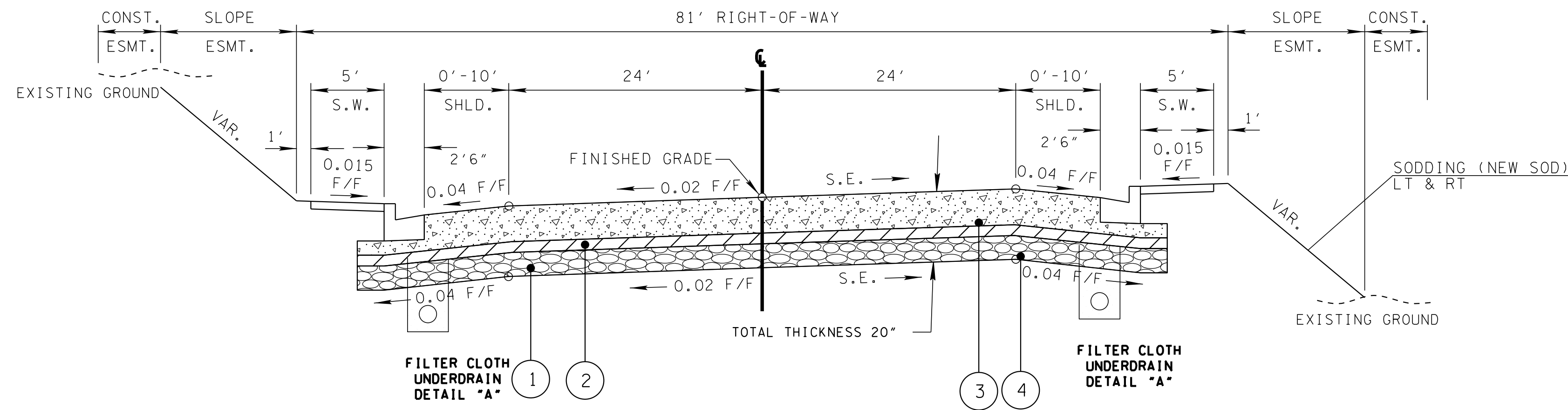
① MINERAL AGGREGATE BASE (6") @ 2.03 TONS/C.Y. 303-01 MINERAL AGGREGATE, TYPE 'A' BASE, GRADING 'D'	③ PORTLAND CEMENT CONCRETE (PLAIN) (10") (PER S.Y.) 501-01 PORTLAND CEMENT CONCRETE 10"
② TREATED PERMEABLE BASE (4") (PER S.Y.) 313-03 4" TREATED PERMEABLE BASE	④ PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (P.C.) 0.30-0.35 GAL./S.Y. 402-02 AGGREGATE FOR COVER MATERIAL (P.C.) 8-12 LBS./S.Y.

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS

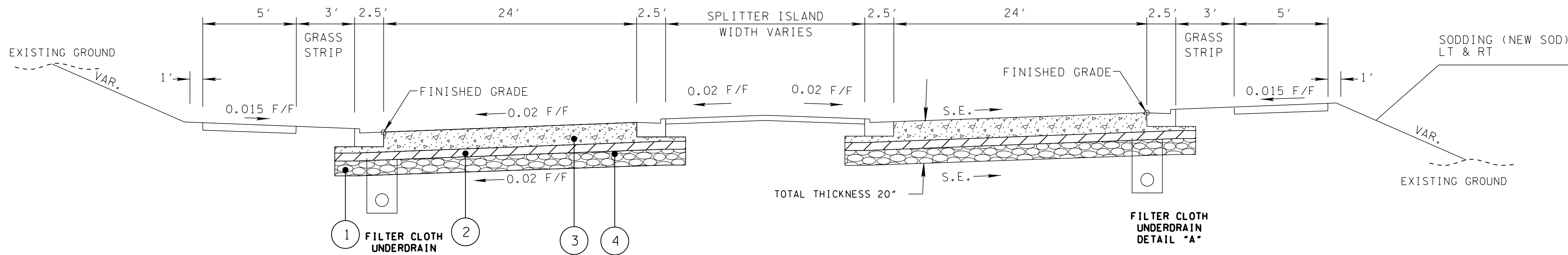
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	2A



SUPERELEVATED SECTION

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

SR-2 STA. 400+00.00 - 401+75.00 TRANS. TO 2% S.E.
SR-2 STA. 401+75.00 - 402+51.64 2% S.E.
SR-2 STA. 402+51.64 - 403+16.64 TRANS. TO N.C.



SUPERELEVATED SECTION

(BASED ON STD. DWG. RD-TS-10)

SR-2 STA. 416+50.84 - 417+15.84 TRANS TO 2% S.E.
SR-2 STA. 417+15.84 - 420+83.72 2% S.E.
SR-2 STA. 420+83.72 - 421+66.05 TRANS TO N.C.

PROPOSED PAVEMENT SCHEDULE

① MINERAL AGGREGATE BASE (6") @ 2.03 TONS/C.Y. 303-01 MINERAL AGGREGATE, TYPE 'A' BASE, GRADING 'D'	③ PORTLAND CEMENT CONCRETE (PLAIN) (10") (PER S.Y.) 501-01 PORTLAND CEMENT CONCRETE 10"
② TREATED PERMEABLE BASE (4") (PER S.Y.) 313-03 4" TREATED PERMEABLE BASE	④ PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (P.C.) 0.30-0.35 GAL./S.Y. 402-02 AGGREGATE FOR COVER MATERIAL (P.C.) 8-12 LBS./S.Y.

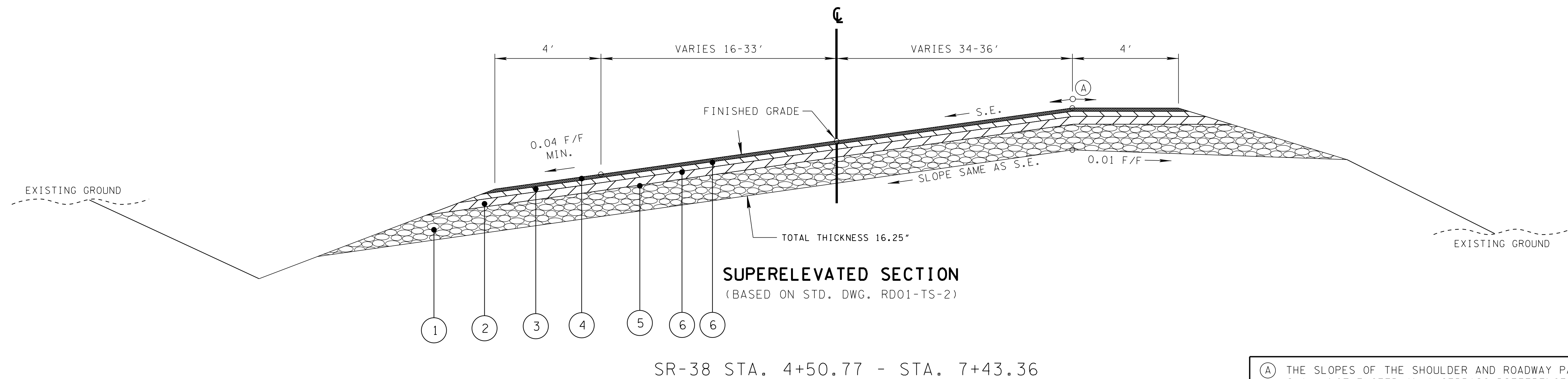
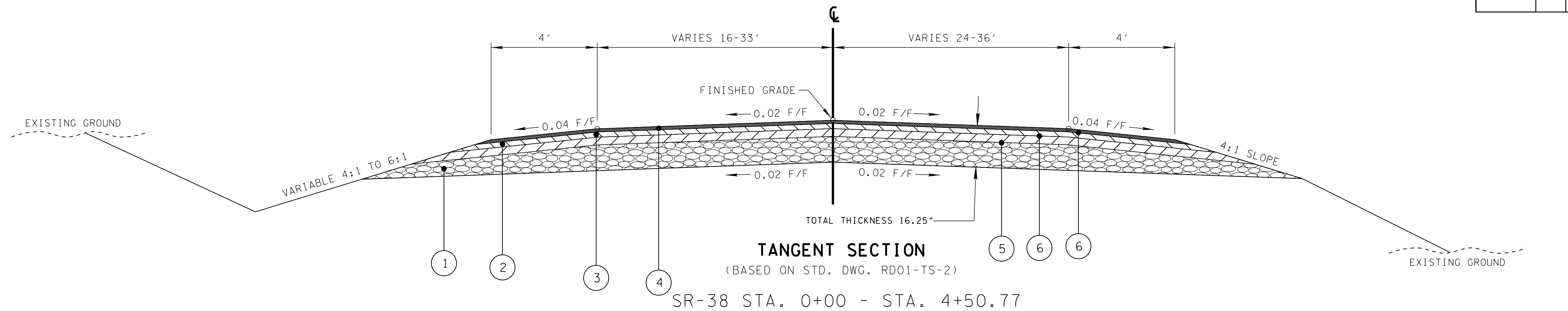
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	2B



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

PROPOSED PAVEMENT SCHEDULE

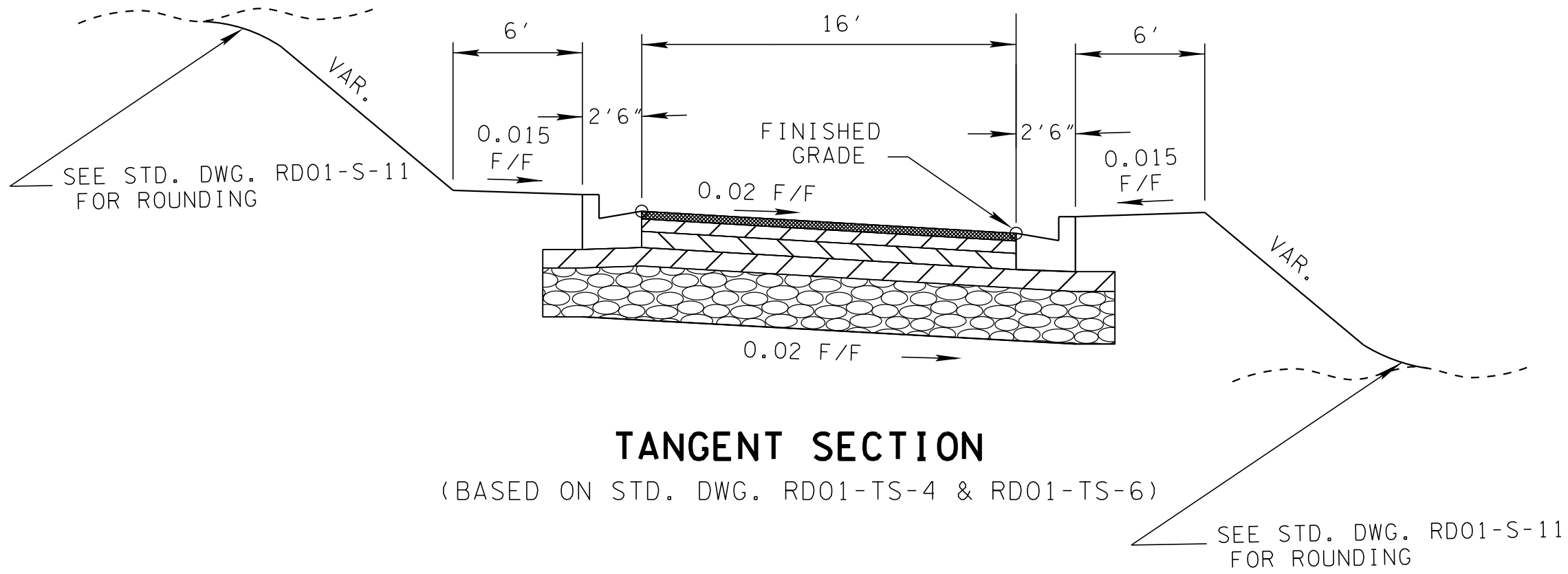
① MINERAL AGGREGATE BASE (10") @ 2.03 TONS/C.Y. (APPROX. 345 LBS./S.Y.) 303-01 MINERAL AGGREGATE BASE GRADING "D"	④ ASPHALTIC CONCRETE SURFACE (HOT MIX) (1.25") (APPROX. 132.5 LBS./S.Y.) 411-02.10 ACS MIX (PG 70-22) GRADING "D"
② BITUMINOUS PLANT MIX BASE (HOT MIX) (3") (APPROX. 345 LBS./S.Y.) 307-02.01 BASE MIX (PG 70-22) GRADING "A"	⑤ PRIME COAT 402-01 BITUMINOUS MATERIAL FOR PRIME COAT (PC) 0.30-0.35 GAL/S.Y. 402-02 AGGREGATE FOR COVER MATERIAL (PC) 8-12 LBS./S.Y.)
③ BITUMINOUS PLANT MIX BASE (HOT MIX) (2") (APPROX. 216 LBS./S.Y.) 307-02.08 BASE MIX (PG 70-22) GRADING "BM-2"	⑥ TACK COAT @ 0.10 GAL/S.Y. 403-01 BITUMINOUS MATERIAL FOR TACK COAT (TC)

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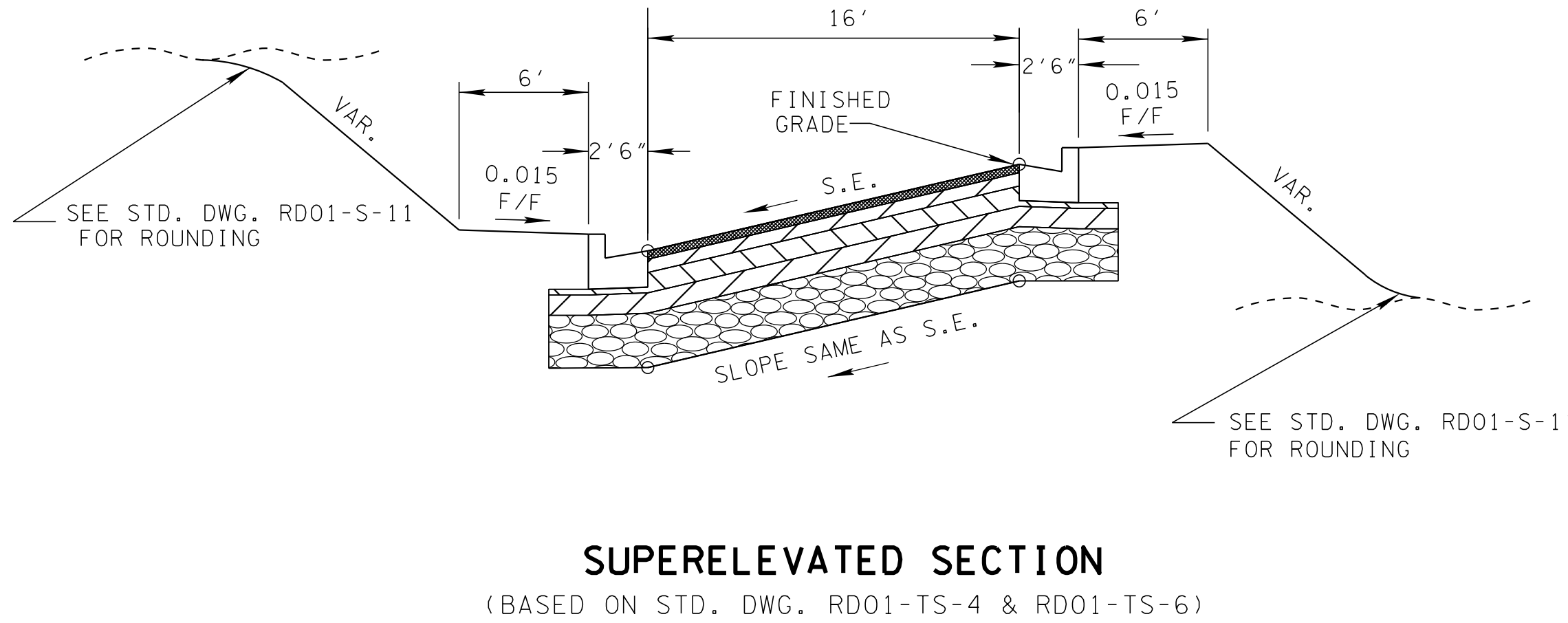
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS

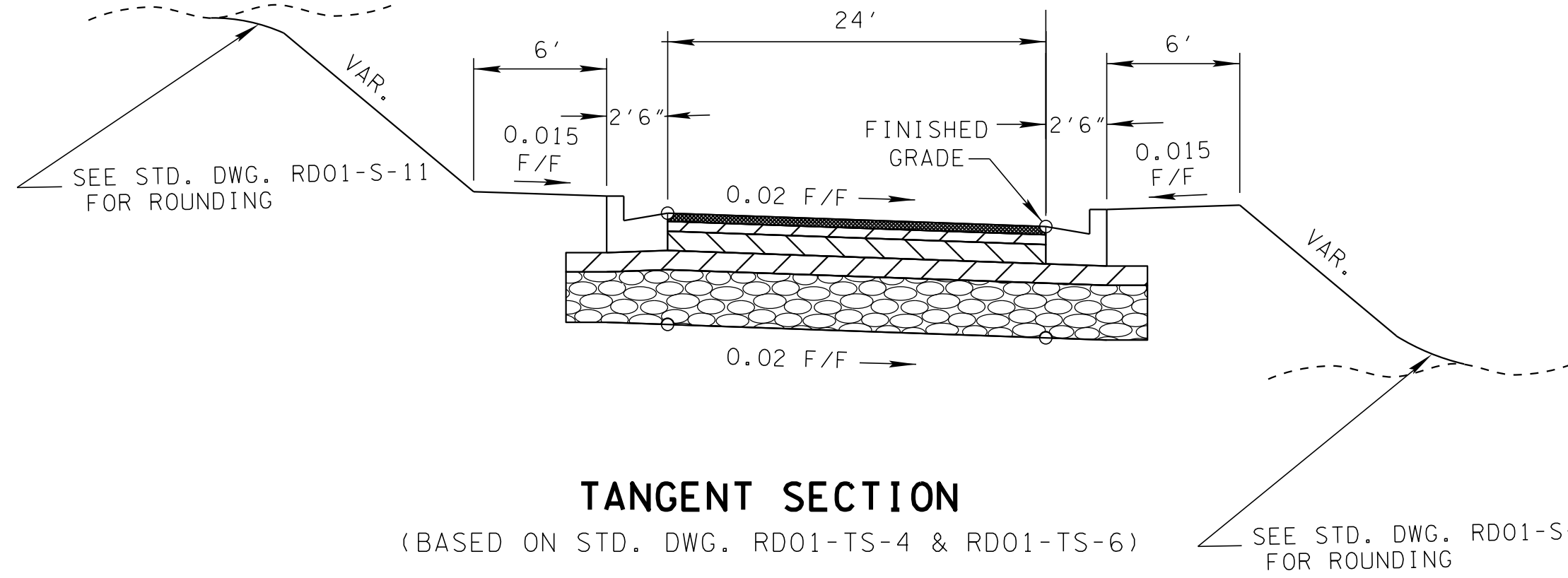
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	2C



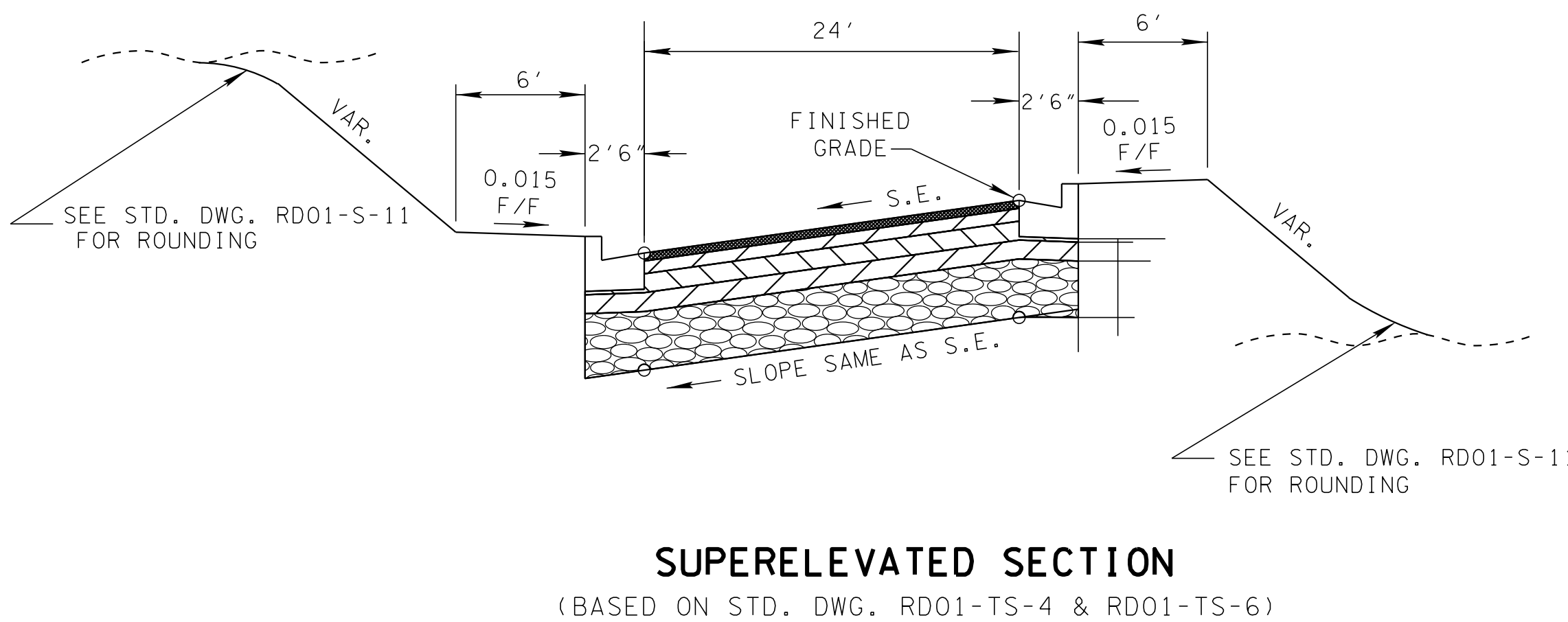
RAMP 1 STA. 708+98.76 - STA. 709+04.26 S.E. 4%
RAMP 1 STA. 709+04.26 - STA. 710+34.26 TRANS TO N.C.
RAMP 4 STA. 476+87.32 - STA. 477+23.56 S.E. 4%
RAMP 4 STA. 477+23.56 - STA. 478+53.56 TRANS TO N.C.



RAMP 1 STA. 710+34.26 - STA. 710+73.94
RAMP 4 STA. 478+53.56 - STA. 478+56.58



RAMP 2 STA. 710+34.26 - STA. 312+88.04
RAMP 3 STA. 509+50.48 - STA. 509+99.99



RAMP 2 STA. 307+46.75 - STA. 308+50.23 TRANS TO S.E. 4%
RAMP 2 STA. 305+50.23 - STA. 311+26.88 S.E. 4%
RAMP 2 STA. 311+26.88 - 312+56.88 TRANS TO N.C.
RAMP 3 STA. 504+98.58 - STA. 505+90.52 TRANS TO S.E. 4%
RAMP 3 STA. 505+90.52 - STA. 508+20.48 S.E. 4%
RAMP 3 STA. 508+20.48 - 509+50.48 TRANS TO N.C.

PROPOSED PAVEMENT SCHEDULE

① MINERAL AGGREGATE BASE (8") @ 2.03 TONS/C.Y.
(303-01 MINERAL AGGREGATE, TYPE 'A' BASE, GRADING 'D')

② PREF. ASPHALTIC CONCRETE (3") @ 270 LBS./C.Y.
(307-02.02 PREF. AC MIX (PG 70-22) GRADING 'A-S' 8.775 LBS./S.Y.
307-02.03 PREF. AC MIX (PG 70-22) GRADING 'A-S' 261.225 LBS./S.Y.)

③ BITUMINOUS PLANT MIX BASE (HOT MIX) (3")
(APPROX 345 LBS./S.Y.)
(307-02.01 BASE MIX (PG 70-22) GRADING "A")

④ BITUMINOUS PLANT MIX BASE (HOT MIX) (2")
(APPROX 226 LBS./S.Y.)
(307-02.08 BASE MIX (PG 70-22) GRADING "B-M2")

⑤ ASPHALTIC CONCRETE SURFACE (HOT MIX) (1.25")
(APPROX. 132.5 LBS./S.Y.)
(411-02.10 ACS MIX (PG 70-22) GRADING 'D')

⑥ ASPHALTIC CONCRETE SURFACE (HOT MIX) (1.50")
(APPROX. 154.5 LBS./S.Y.)
(411-01.07 ACS MIX (PG 64-22) GRADING 'E')

⑦ PRIME COAT
(402-01 BITUMINOUS MATERIAL FOR PRIME COAT (P.C.) 0.30-0.35 GAL./S.Y.
402-02 AGGREGATE FOR COVER MATERIAL (P.C.) 8-12 LBS./S.Y.)

⑧ TACK COAT @ 0.10 GAL./S.Y.
(403-01 BITUMINOUS MATERIAL FOR TACK COAT (T.C.)

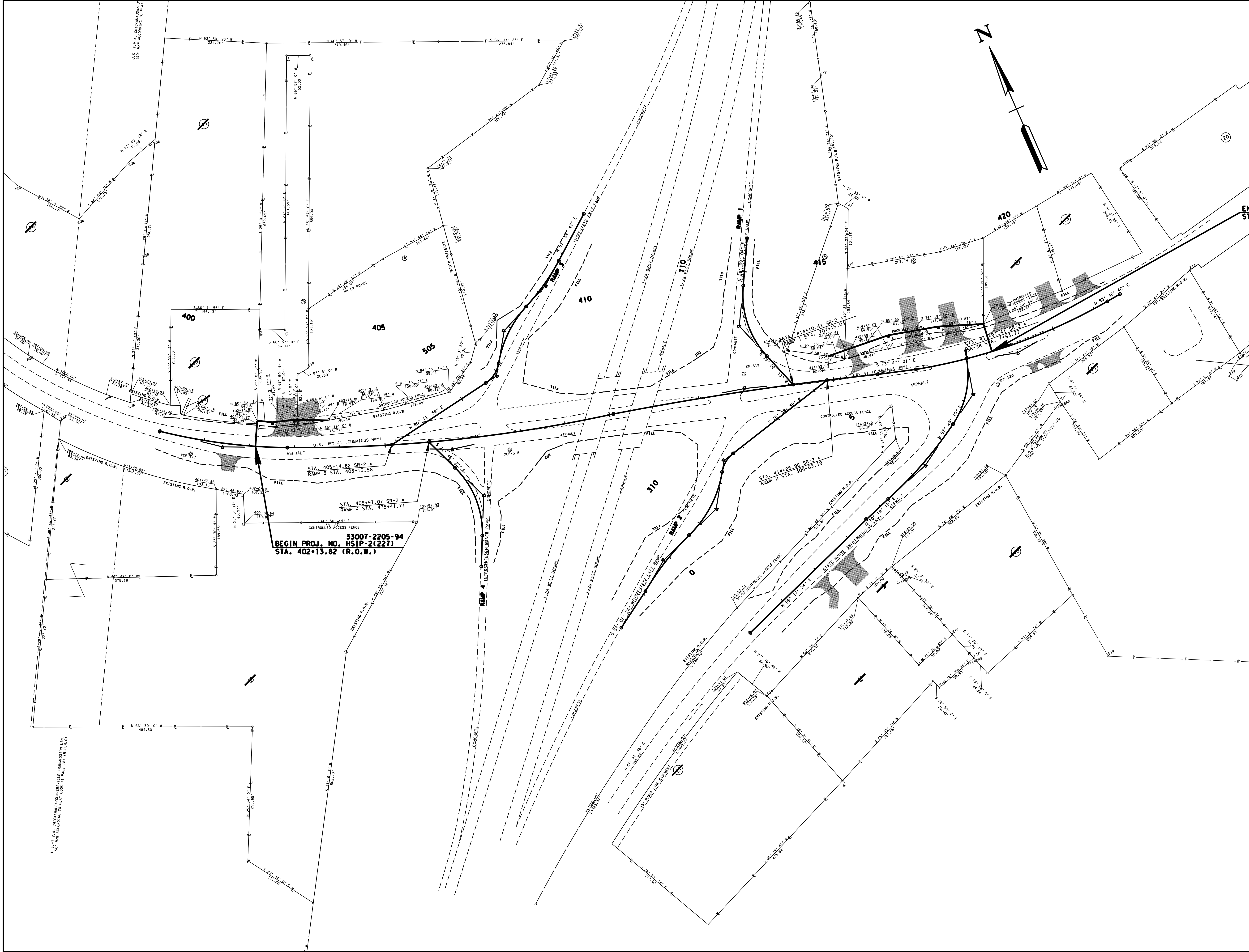
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DEPARTMENT OF TRANSPORTATION

TYPICAL
SECTIONS

U.S.-T.M.A. CHICAMAUGA
150' R/W ACCORDING TO PLAT

U.S.-T.M.A. CHICAMAUGA
150' R/W ACCORDING TO PLAT



33007-2205-94
END PROJ. NO. HSIP-2(227)
STA. 418+55.72 (R.O.W.)

33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 402+13.82 (R.O.W.)

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	3

SEALED BY

COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 0.99998 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

STA. 400+00 TO STA. 422+00
SCALE: 1"=100'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	3A

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 AND THE CIVIL ENGINEERING MANAGER 1, REGIONAL ROADWAY DESIGN OFFICE, ARE 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) ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.
- (5) TRACT REMAINDERS NOT HAVING AN EXISTING DRIVEWAY WILL BE PROVIDED ONE 50-FOOT OPENING IN THE ACCESS CONTROL FENCE AND A DRIVEWAY WILL BE CONSTRUCTED UNLESS ACCESS IS PROVIDED FROM AN INTERSECTING ROAD OR BASED ON PHYSICAL CONDITIONS AND/OR CONFLICTS WITH OTHER DESIGN CONSIDERATIONS WHICH PREVENT AN ACCESS OPENING. PAVING OF THESE NEW DRIVEWAYS WILL BE IN ACCORDANCE TO THE 7 PERCENT CRITERIA PREVIOUSLY MENTIONED FOR EXISTING DRIVEWAYS.
- (6) 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.
- (7) 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.
- (8) 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.

DISTURBED AREA	
IN BETWEEN SLOPE LINES	11.49 (AC)
15 FOOT WIDE STRIP (OUTSIDE SLOPE LINES)	2.72 (AC)
TOTAL DISTURBED AREA	14.21 (AC)

R.O.W. ACQUISITION TABLE																
TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				TOTAL AREA ACRES			AREA TO BE ACQUIRED ACRES			AREA REMAINING ACRES		EASEMENT (SQUARE FEET)		
		TAX MAP NO.	PARCEL NO.	DEED DOCUMENT REFERENCE		LEFT	RIGHT	TOTAL	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAINAGE	SLOPE	CONST.
				BK.	PAGE											
1	COVENANT TRANSPORT INC.	154	002	2914	571		2.000	2.000					2.000			
2	COVENANT TRANSPORT INC.	154	003	6038	83		7.800	7.800					7.800			
3	MARKETPLACE INVESTMENTS LLC.	154 G	001.01	8833	896	1.180		1.180	1215 S.F.		1215 S.F.	1.152				
4	LOOKOUT MOTELS INC.	154G H	001	6145	633	2.580		2.580	506 S.F.		506 S.F.	2.568				2443
5	RAYMOND AND CANDY NUNLEY	154G A	005	9207	278	0.580		0.580	340 S.F.		340 S.F.	0.572				
6	RI TN 1 LLC.	154G A	007	5605	855	1.330		1.330	0.149		0.149	1.181				
7	TOP TIER ASSETS LLC.	154G A	005	7801	0132	0.670		0.670				0.670				
8	PATEL VILAS	154	009.16	6139	308		1.840	1.840					1.840			
9	COLLIS FOODS INC.	154	009.17	3139	372		0.460	0.460					0.460			
10	PMA HOSPITALITY GROUP	154	009.18	6901	813		2.020	2.020					2.020			
11	JEFFERY AND KELLI G. LITTLE	154G	008	6696	0868		0.930	0.930					0.930			
12	WEN CHOO CHOO INC.	154G	007	6919	0193		0.880	0.880					0.880			
13	THOMAS A. AUSTIN	154H A	001.03	8193	0642	1.060		1.060				1.060				
14	STEVEN C. PERLAKY	154H A	001.04	1000	7567	174 S.F.		174 S.F.				174 S.F.				
15	AUGUSTINE LAND COMPANY LLC.	154H A	002.01	6521	0941	3.710		3.710				3.710				
16	AUSTIN L.B. III AND THE CITY OF CHATTANOOGA COMMUNITY PROPERTY TRUST	154H A	002.00	9439	0568	5.360		5.360				5.360				
17	VALLEY LAND COMPANY LLC.	154	001.01	5546	0015		1.320	1.320					1.320			
18	P & D ENTERPRISES	154G F	006.00	10080	0608		0.980	0.980					0.980			
19	MAPCO EXPRESS INC.	154G A	004.00	8245	0591	0.770		0.770				0.770				
20	HQ7-3641 CUMMINGS HWY. LLC.	154H A	003.01	10230	0573	1.800		1.800				1.800				
21	CRACKER BARREL OLD COUNTRY STORE INC.	154	009.02	4310	0434		3.240	3.240					3.240			

SEALED BY

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

R.O.W. &
UTILITY
NOTES

\\J02WF01.tdot.state.tn.us\02Shared\Design County Folders\Hamilton\SR 2 RSAR Cummings Hwy\003B_ROWNotes&Utilities.sht
17-JAN-2017 09:54

UTILITY OWNERS							
UTILITY	OWNER	PHONE NO.	CONTACT	ADDRESS	CITY	STATE	ZIP CODE
TELEPHONE	BELLSOUTH DBA AT&T	(423) 752-4339	TIM MANLEY	300 E MARTIN LUTHER KING BLVD	CHATTANOOGA	TN	37403
WATER	TENNESSEE AMERICAN WATER COMPANY	(423) 771-4703	ROSEMARY CARSWELL	1500 RIVERSIDE DRIVE	CHATTANOOGA	TN	37406
SEWER	HAMILTON COUNTY WWTA	(423) 209-7842	CLEVELAND GRIMES	1250 MARKET STREET, SUITE 3050	CHATTANOOGA	TN	37402
ELECTRIC	ELECTRIC POWER BOARD OF CHATTANOOGA	(423) 648-3257	DAVID HENDERSON	PO BOX 182255	CHATTANOOGA	TN	37422
GAS	CHATTANOOGA GAS COMPANY	(404) 584-3238	BEN MASSENGILL	PO BOX 4569	ATLANTA	GA	30302-4569
FIBER OPTIC	AT&T	(770) 335-8255	SCOTT LOGEMAN	360 GEES MILL BUSINESS PARKWAY	CONYERS	GA	30013
CABLE TV	COMCAST (XFINITY)	(706) 252-4185	TIM GREGORY	2030 EAST POLYMER DRIVE	CHATTANOOGA	TN	37421

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)

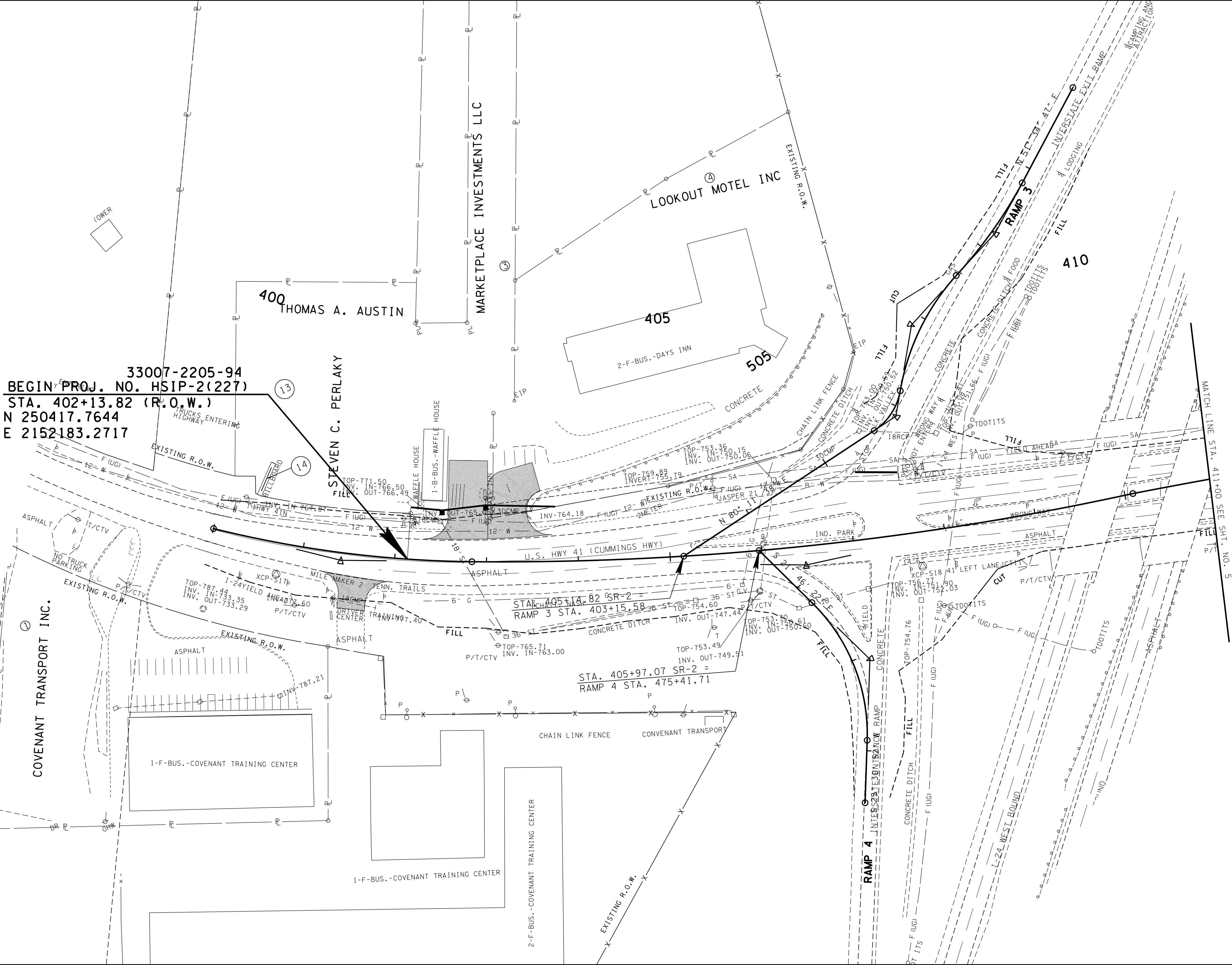
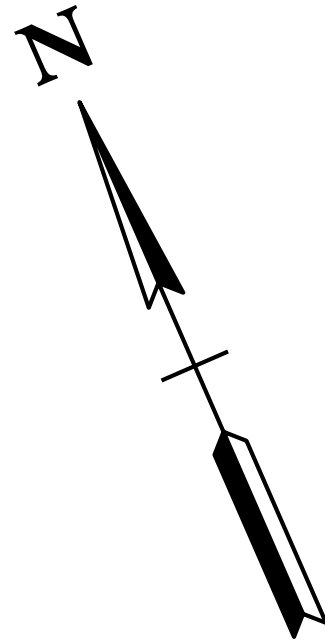
THE CONTRACTOR SHALL NOTIFY EACH INDIVIDUAL UTILITY OWNER OF HIS PLAN OF OPERATION IN THE AREA OF THE UTILITIES. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY ON THE GROUND. THIS NOTIFICATION SHALL BE GIVEN AT LEAST THREE (3) BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY IN ACCORDANCE WITH TCA 65-31-106.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	3B

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STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
R.O.W. & UTILITY NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	4



33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 402+13.82 (R.O.W.)
N 250417.7644
E 2152183.2717

STA. 405+14.82 SR-2
RAMP 3 STA. 403+15.58
STA. 405+97.07 SR-2 =
RAMP 4 STA. 475+41.71

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COORDINATES ARE NAD/83(1995),
ARE DATUM ADJUSTED BY THE
FACTOR OF 0.99998 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

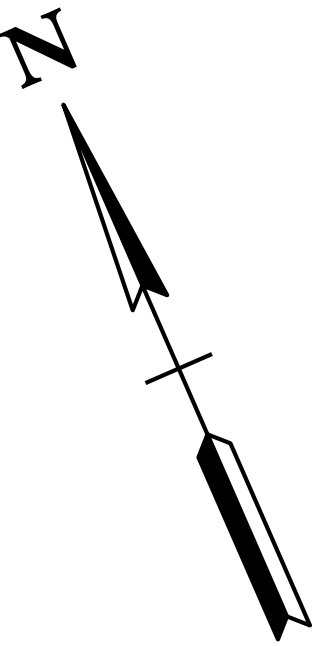
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT
LAYOUT

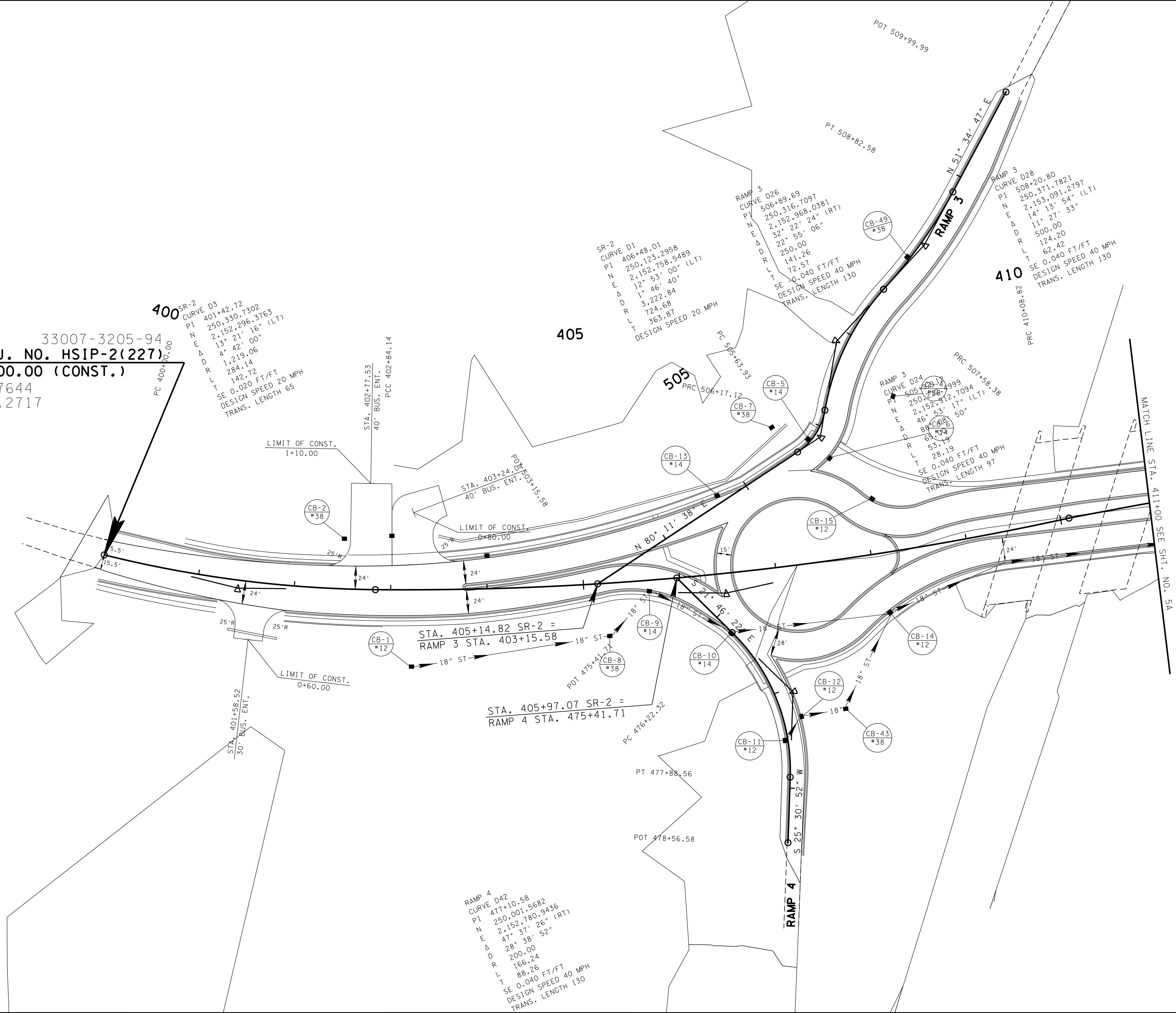
STA. 400+00 TO STA. 411+00

SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	4A



33007-3205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 400+00.00 (CONST.)
N 250417.7644
E 2152183.2717



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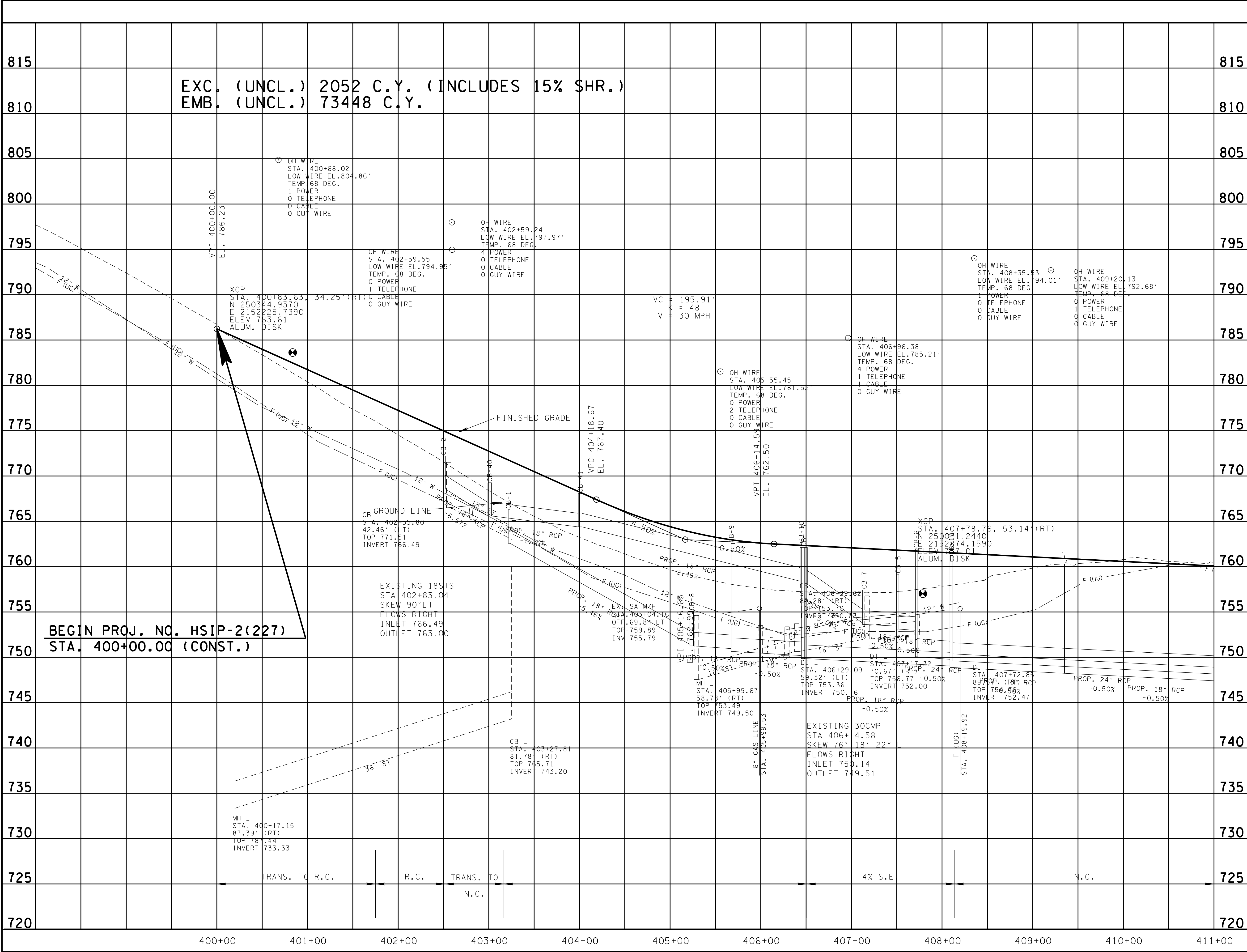
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ARE DATUM ADJUSTED BY THE
FACTOR OF 0.99998 AND TIED TO
THE TGRN. ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**PROPOSED
LAYOUT**
STA. 400+00 TO STA. 411+00

SCALE: 1"=50'

17-JAN-2017 09:55
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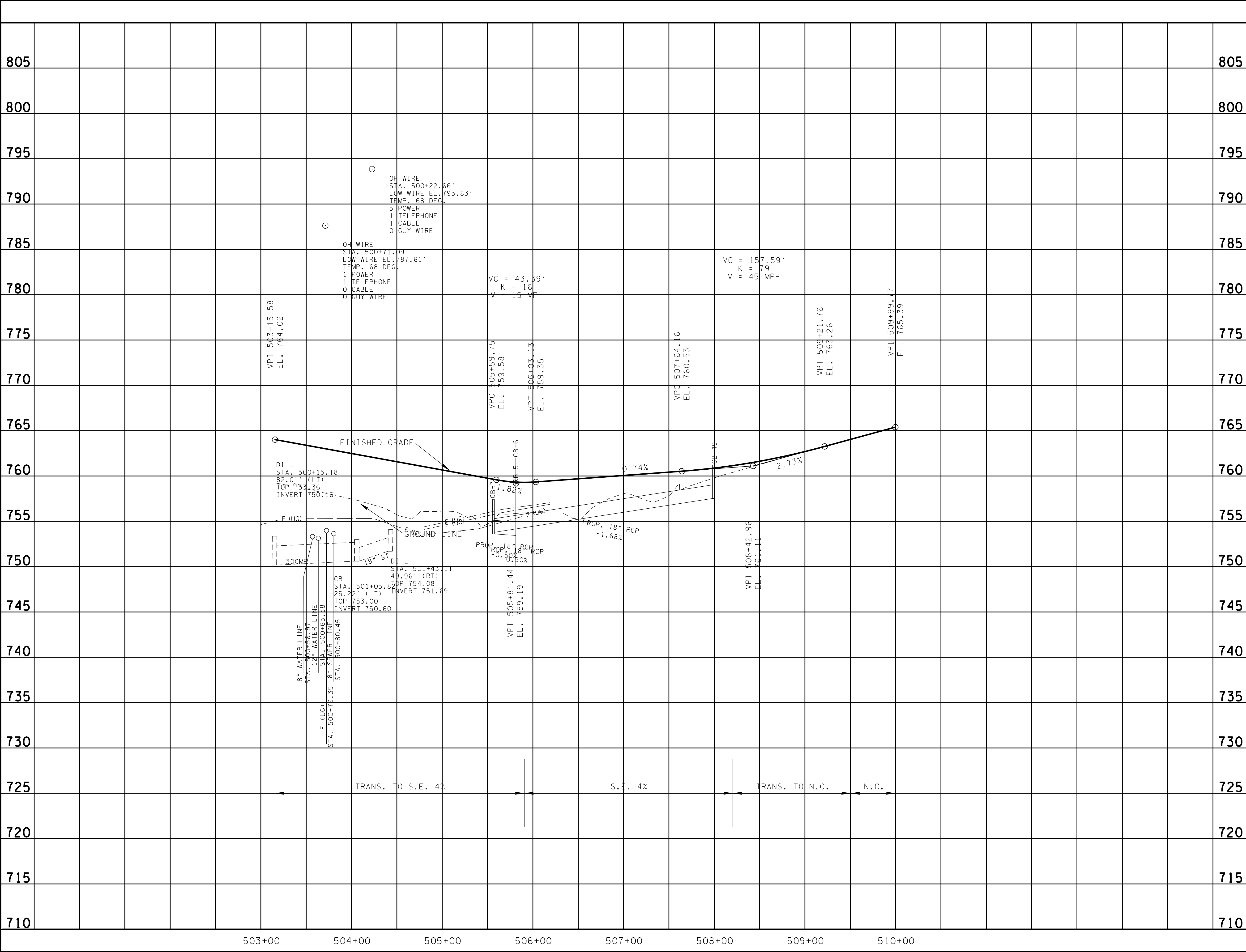
SR-2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 400+00 TO STA. 411+00
SCALE: 1"=50' HORIZ.
1"=5' VERT.

17-JAN-2017 09:55
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	4C

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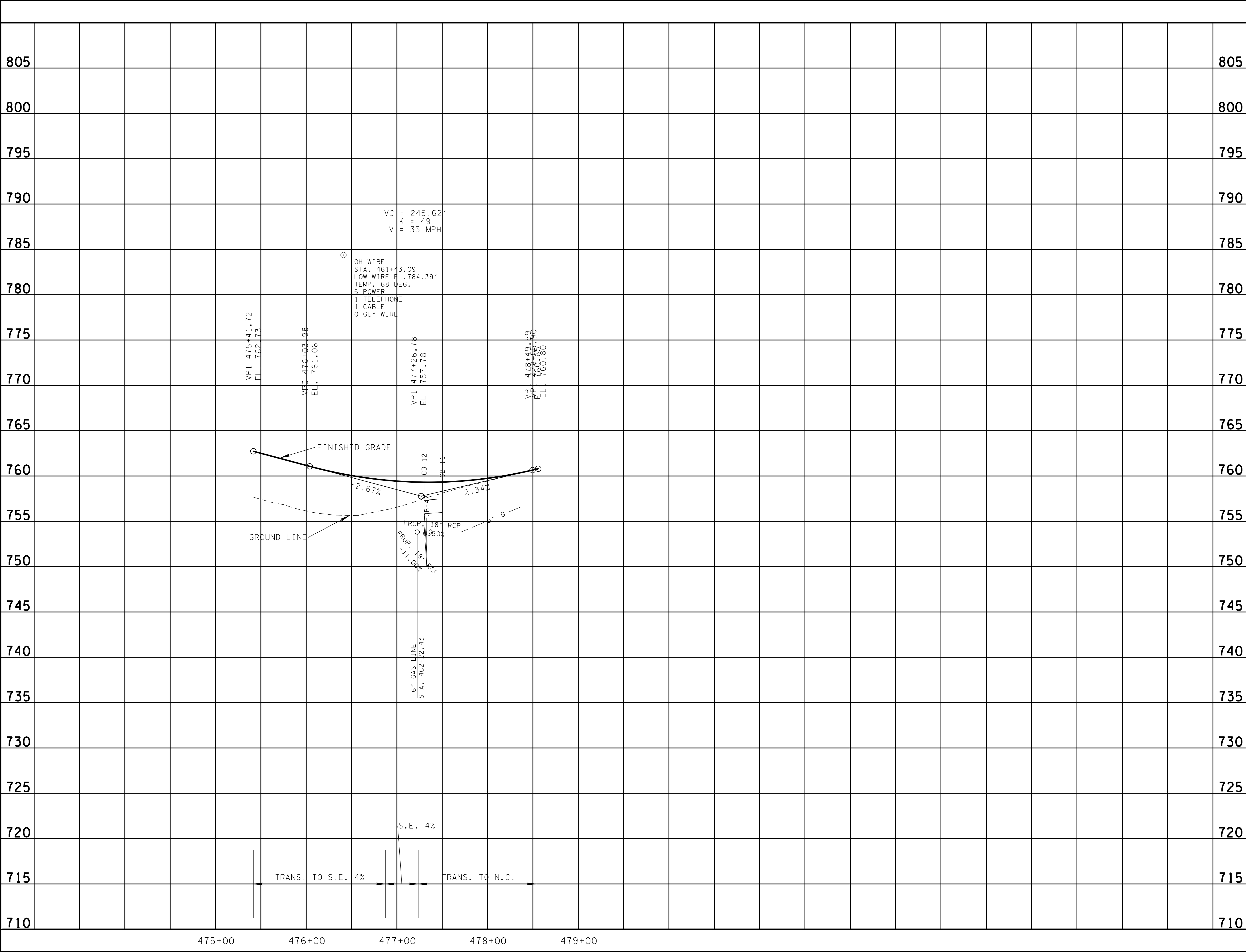
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 503+00 TO STA. 510+00
SCALE: 1"= ' HORIZ.
1"= ' VERT.

17-JAN-2017 09:55
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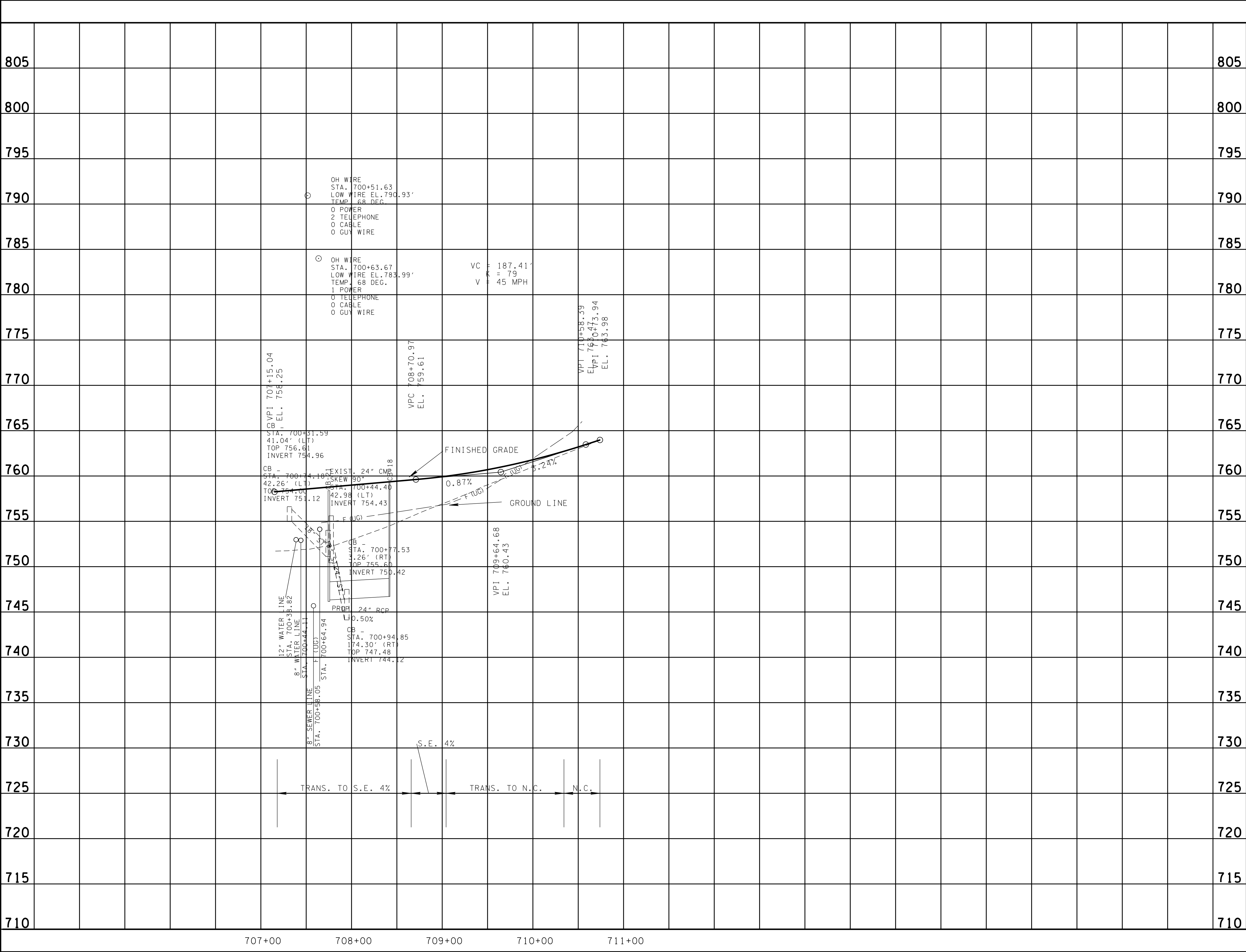
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA. 475+00 TO STA. 479+00
SCALE: 1"=50' HORIZ.
1"=5' VERT.

17-JAN-2017 09:55
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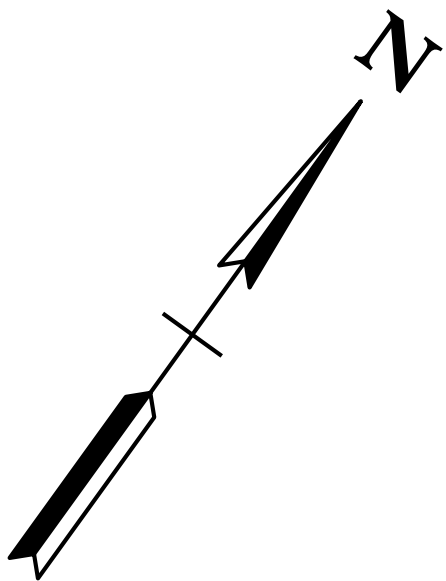


TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	5C

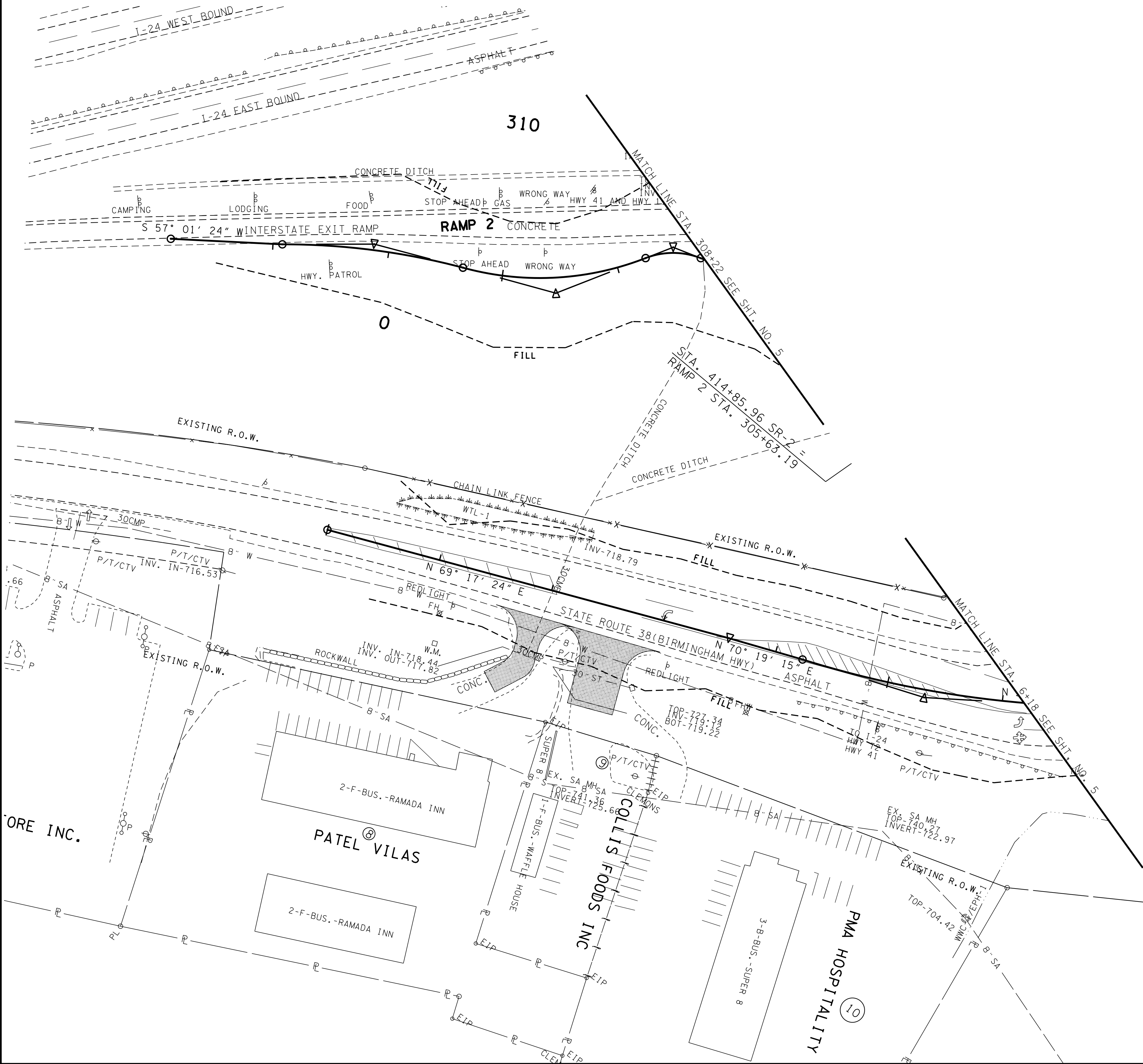
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STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
PROFILE
STA. 707+00 TO STA. 711+00 SCALE: 1"=50' HORIZ. 1"=5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	6



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SR-38

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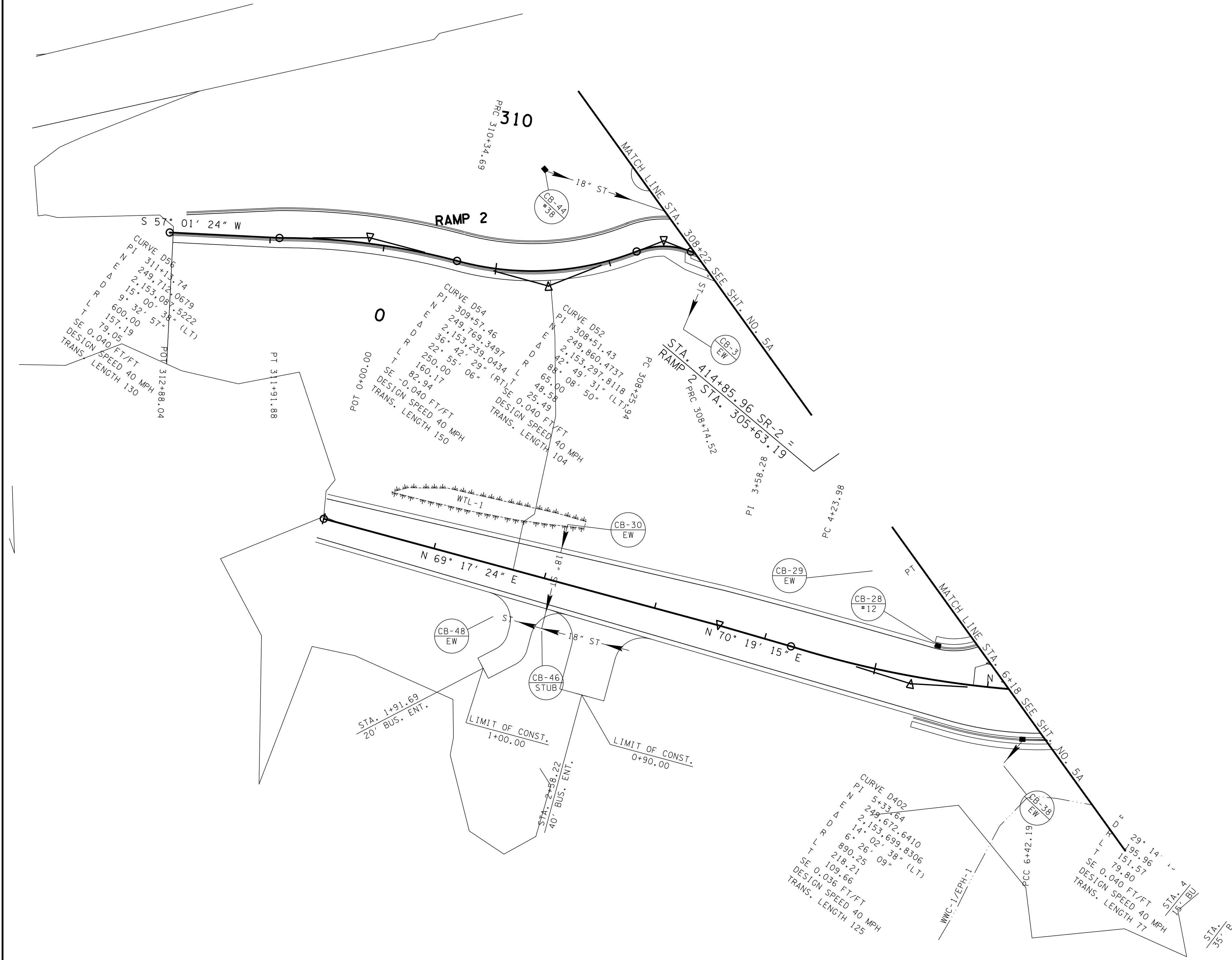
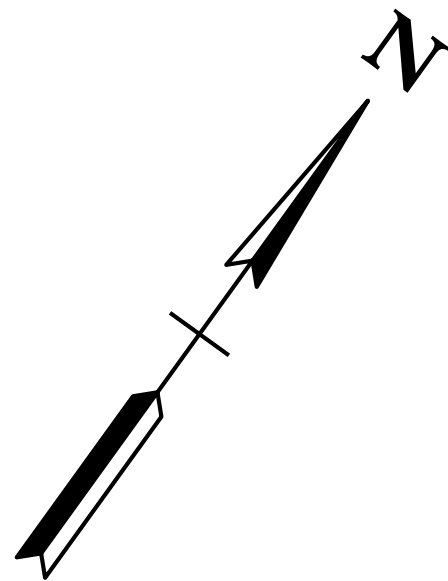
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT
LAYOUT

STA.0+00 TO STA.8+00

SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	6A



SR-38

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COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99998 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

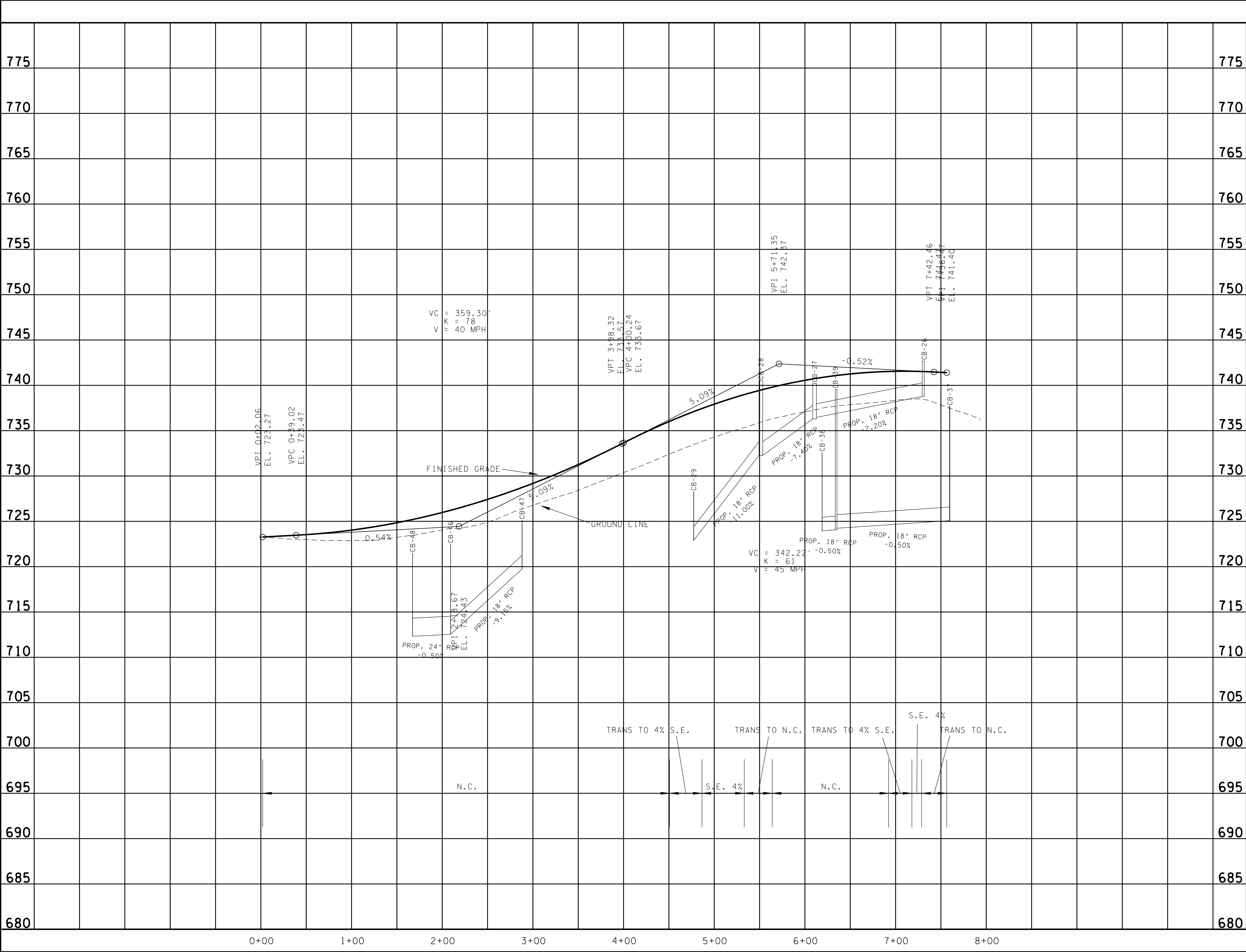
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED
LAYOUT

STA.0+00 TO STA.8+00

SCALE: 1"=50'

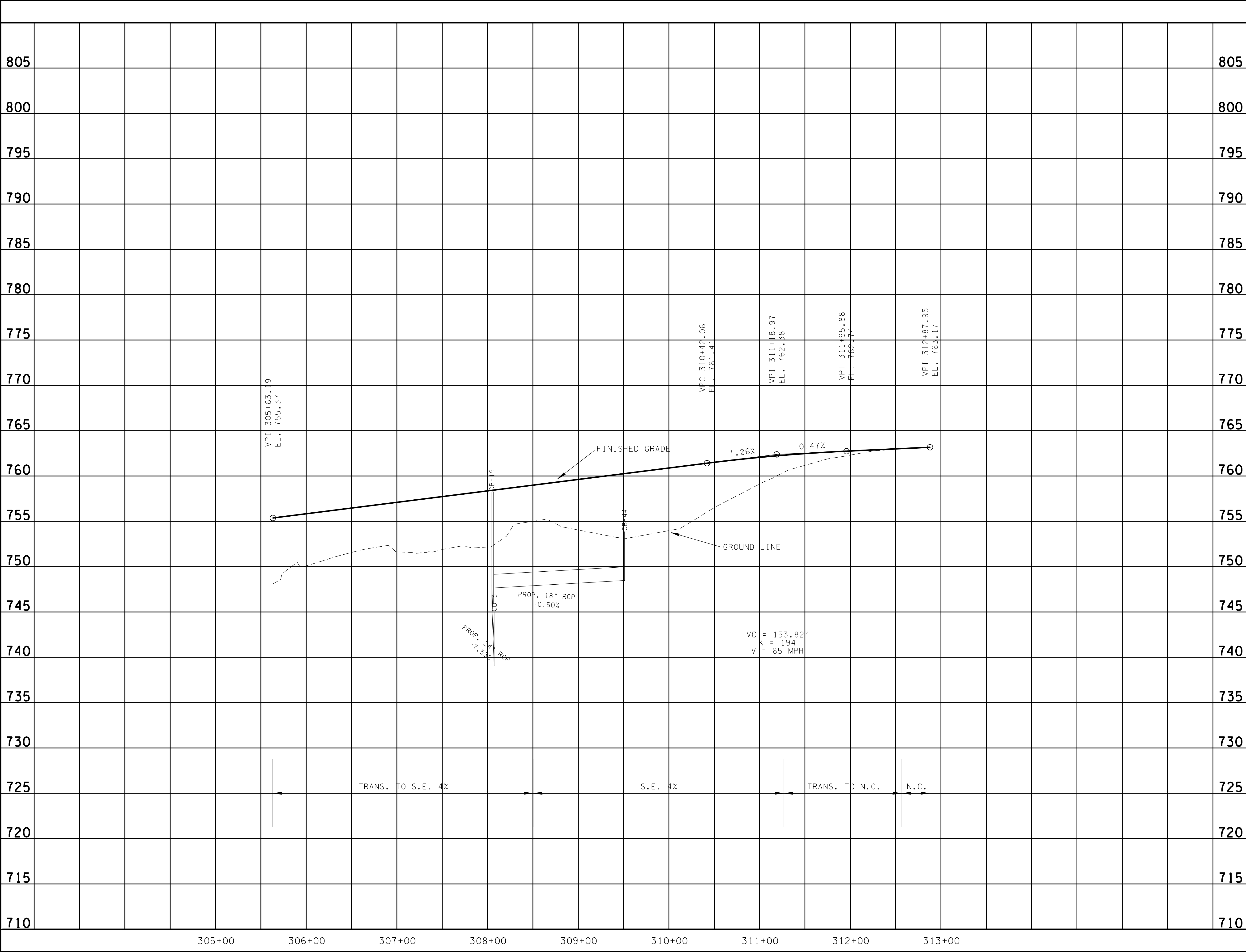
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	6B

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SR-38
STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
PROFILE
STA.0+00 TO STA.8+00 SCALE: 1"=50' HORIZ. 1"=5' VERT.

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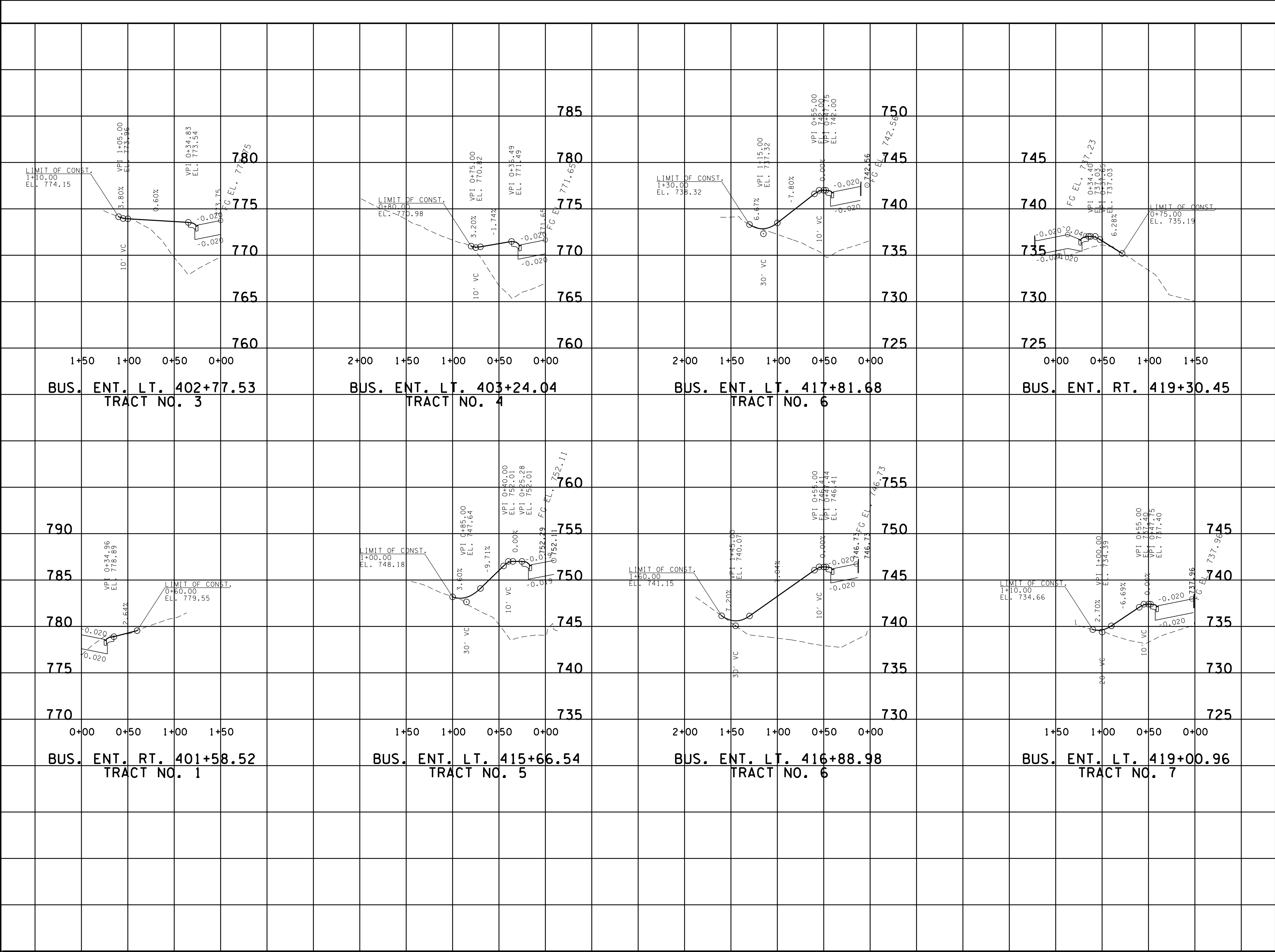
RAMP 2

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.305+00 TO STA.313+00
SCALE: 1"=50' HORIZ.
1"=5' VERT.

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	7

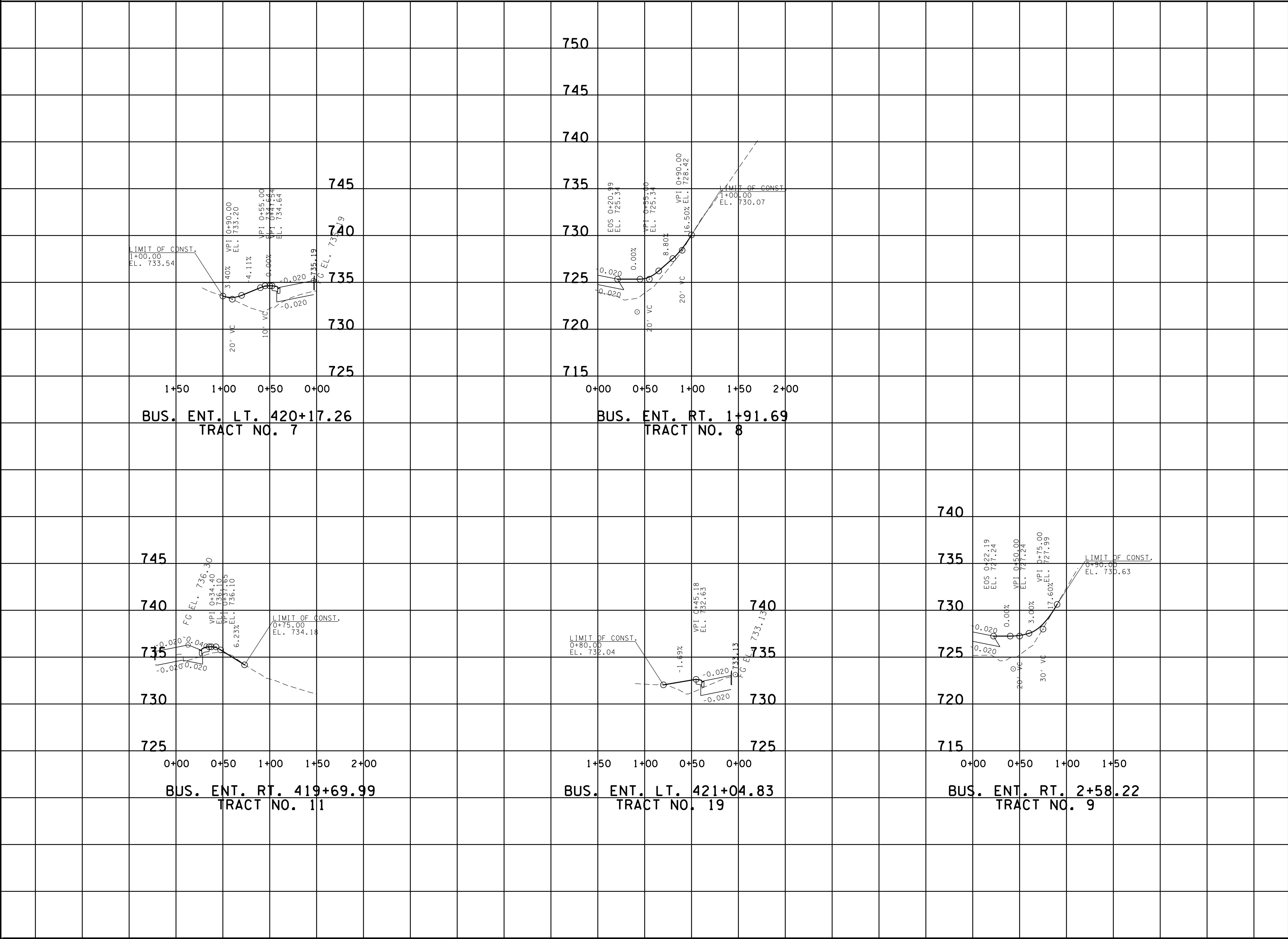
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF
PRIVATE
DRIVES

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

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	7A

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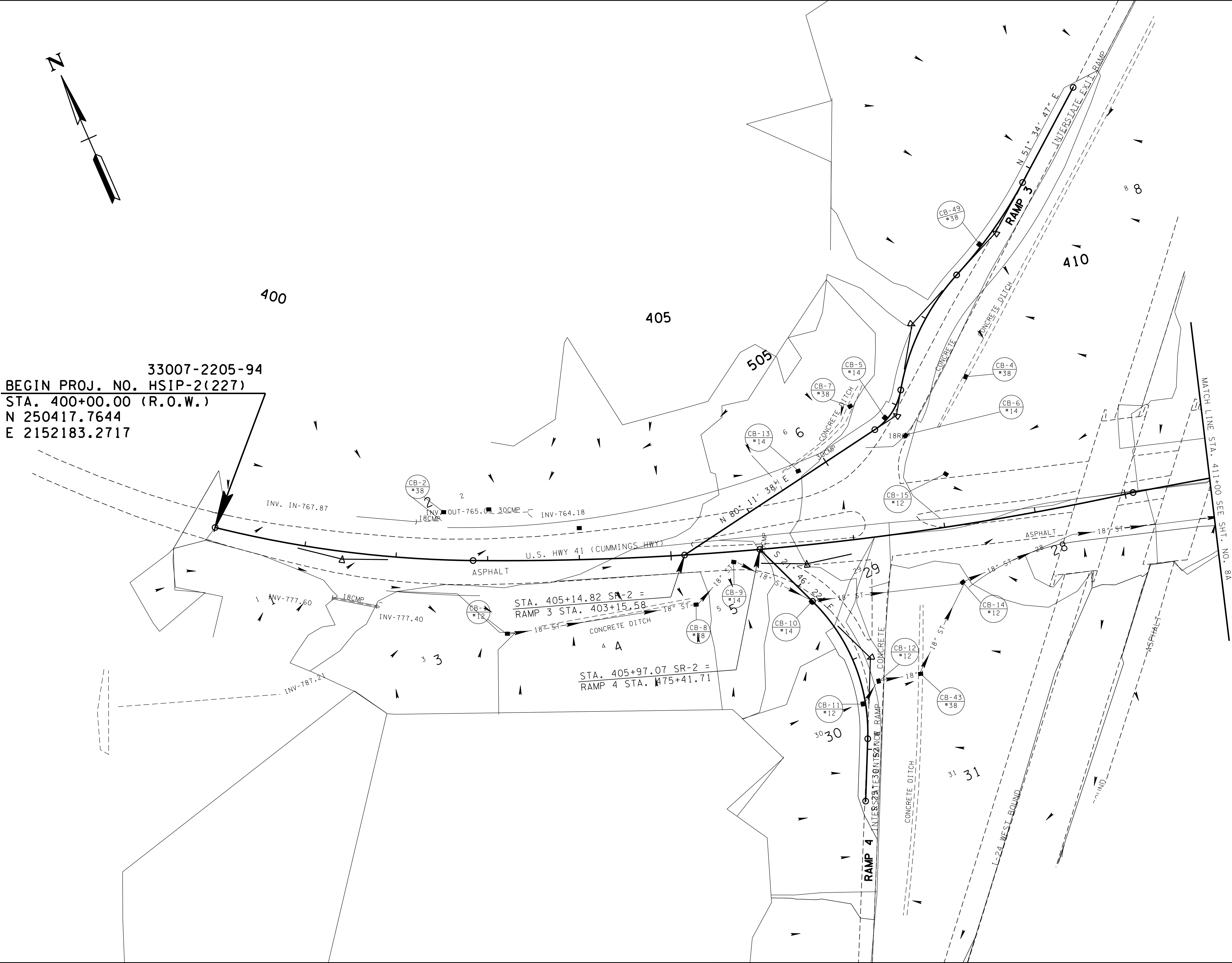
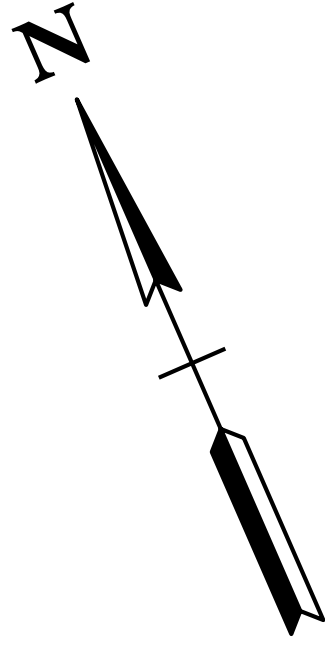
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE OF
PRIVATE
DRIVES
SCALE: 1"=50' HORIZ.
1"=5' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	8

SUBAREA (NO.)	AREA (A.C.)	C
1	0.319	0.168
2	2.282	0.399
3	0.462	0.119
4	0.822	0.145
5	0.336	0.396
6	0.633	0.236
7	5.243	0.231
8	3.336	0.39
9	2.03	0.515
10	1.429	0.309
11	0.642	0.55
12	4.014	0.307
13	2.061	0.571
14	0.411	0.471
15	0.473	0.56
16	0.233	0.344
17	0.082	0.502
18	0.254	0.679
19	0.589	0.195
20	0.868	0.257
21	1.822	0.54
22	4.865	0.321
23	0.376	0.22
24	1.819	0.422
25	1.328	0.22
26	1.553	0.284
27	0.32	0.587
28	0.546	0.677
29	0.167	0.858
30	1.034	0.304
31	1.646	0.348
32	2.547	0.337

33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 400+00.00 (R.O.W.)
N 250417.7644
E 2152183.2717



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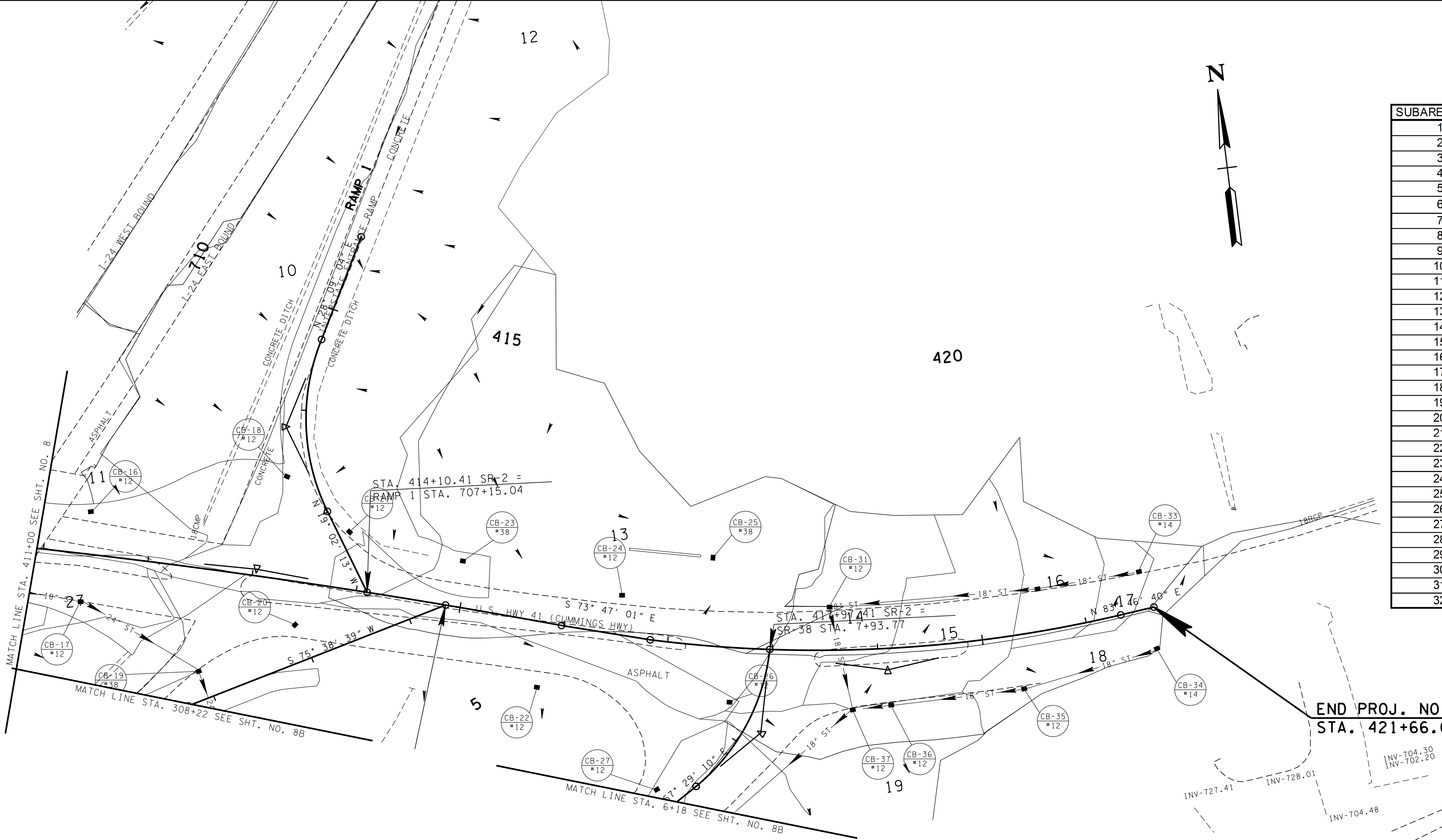
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 400+00 TO STA. 411+00
SCALE: 1"=50'

7-JAN-2017 09:56
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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	8A

SUBAREA (NO.)	AREA (A.C.)	C
1	0.319	0.168
2	2.282	0.399
3	0.462	0.119
4	0.822	0.145
5	0.336	0.396
6	0.633	0.236
7	5.243	0.231
8	3.336	0.39
9	2.03	0.515
10	1.429	0.309
11	0.642	0.55
12	4.014	0.307
13	2.061	0.571
14	0.411	0.471
15	0.473	0.56
16	0.233	0.344
17	0.082	0.502
18	0.254	0.679
19	0.589	0.195
20	0.868	0.257
21	1.822	0.54
22	4.865	0.321
23	0.376	0.22
24	1.819	0.422
25	1.328	0.22
26	1.553	0.284
27	0.32	0.587
28	0.546	0.677
29	0.167	0.858
30	1.034	0.304
31	1.646	0.348
32	2.547	0.337

33007-2205-94
N 249847.3254
E 2154245.1313
END PROJ. NO. HSIP-2(227)
STA. 421+66.05 (R.O.W.)

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE MAP

STA. 411+00 TO STA. 425+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	33007-2205-94	8B

SUBAREA (NO.)	AREA (A.C.)	C
1	0.319	0.168
2	2.282	0.399
3	0.462	0.119
4	0.822	0.145
5	0.336	0.396
6	0.633	0.236
7	5.243	0.231
8	3.336	0.39
9	2.03	0.515
10	1.429	0.309
11	0.642	0.55
12	4.014	0.307
13	2.061	0.571
14	0.411	0.471
15	0.473	0.56
16	0.233	0.344
17	0.082	0.502
18	0.254	0.679
19	0.589	0.195
20	0.868	0.257
21	1.822	0.54
22	4.865	0.321
23	0.376	0.22
24	1.819	0.422
25	1.328	0.22
26	1.553	0.284
27	0.32	0.587
28	0.546	0.677
29	0.167	0.858
30	1.034	0.304
31	1.646	0.348
32	2.547	0.337

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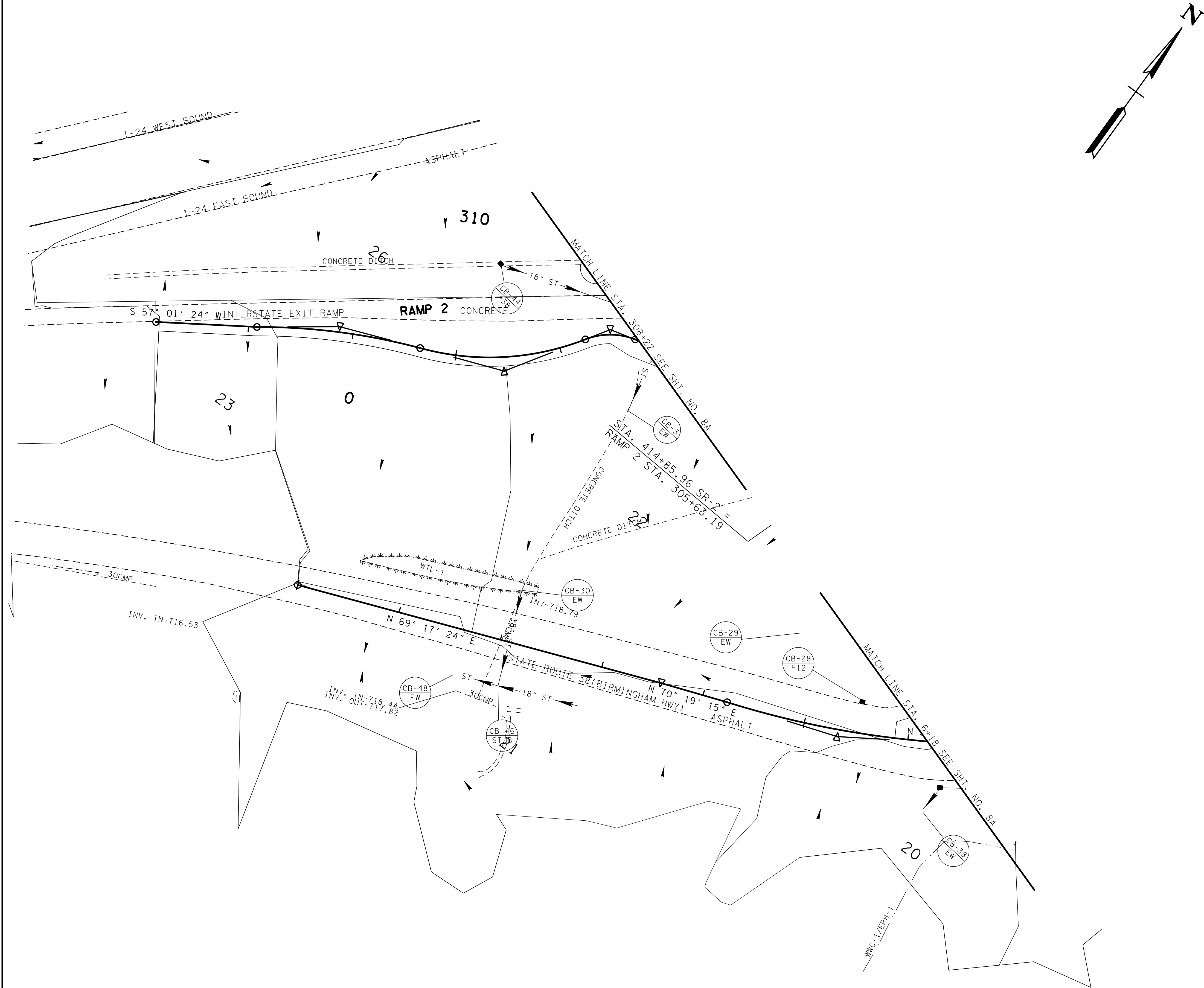
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

DRAINAGE
MAP

STA.0+00 TO STA.8+00
SCALE: 1"=50'

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EROSION PREVENTION AND SEDIMENT CONTROL NOTES

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)



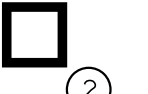
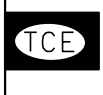
IN REGARD TO EROSION PREVENTION AND SEDIMENT CONTROL (EPSC), TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION (TDEC) REGULATIONS APPLY TO THE STATE UTILITY CONTRACTORS IN THIS PROJECT, THEREFORE, THE STATE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE STORM WATER POLLUTIONS PREVENTION PLANS (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)

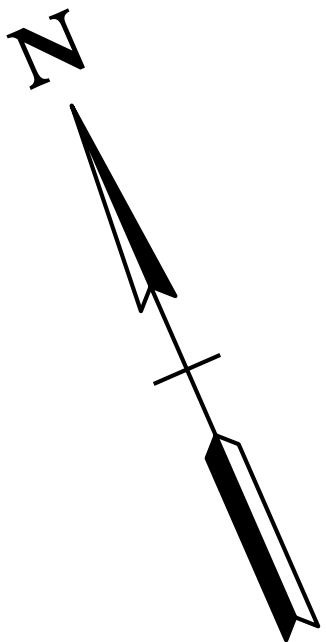
THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES TO REPLACE IN-PLACE EPSC MEASURES REMOVED TO FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE TDOT PROJECT ENGINEER BEFORE COMMENCING WORK.

EROSION PREVENTION AND SEDIMENT CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
* SFB * SFB * SFB *	SILT FENCE WITH WIRE BACKING	EC-STR-3C
	TEMPORARY BERM	EC-STR-27
	ENHANCED ROCK CHECK DAM (V-DITCH)	EC-STR-6A
	CATCH BASIN PROTECTION (TYPE A)	EC-STR-19
	CATCH BASIN FILTER ASSEMBLY (TYPE 2)	EC-STR-42
	TEMPORARY CONSTRUCTION EXIT	EC-STR-25

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STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION
EPSC NOTES

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9A



STAGE 1

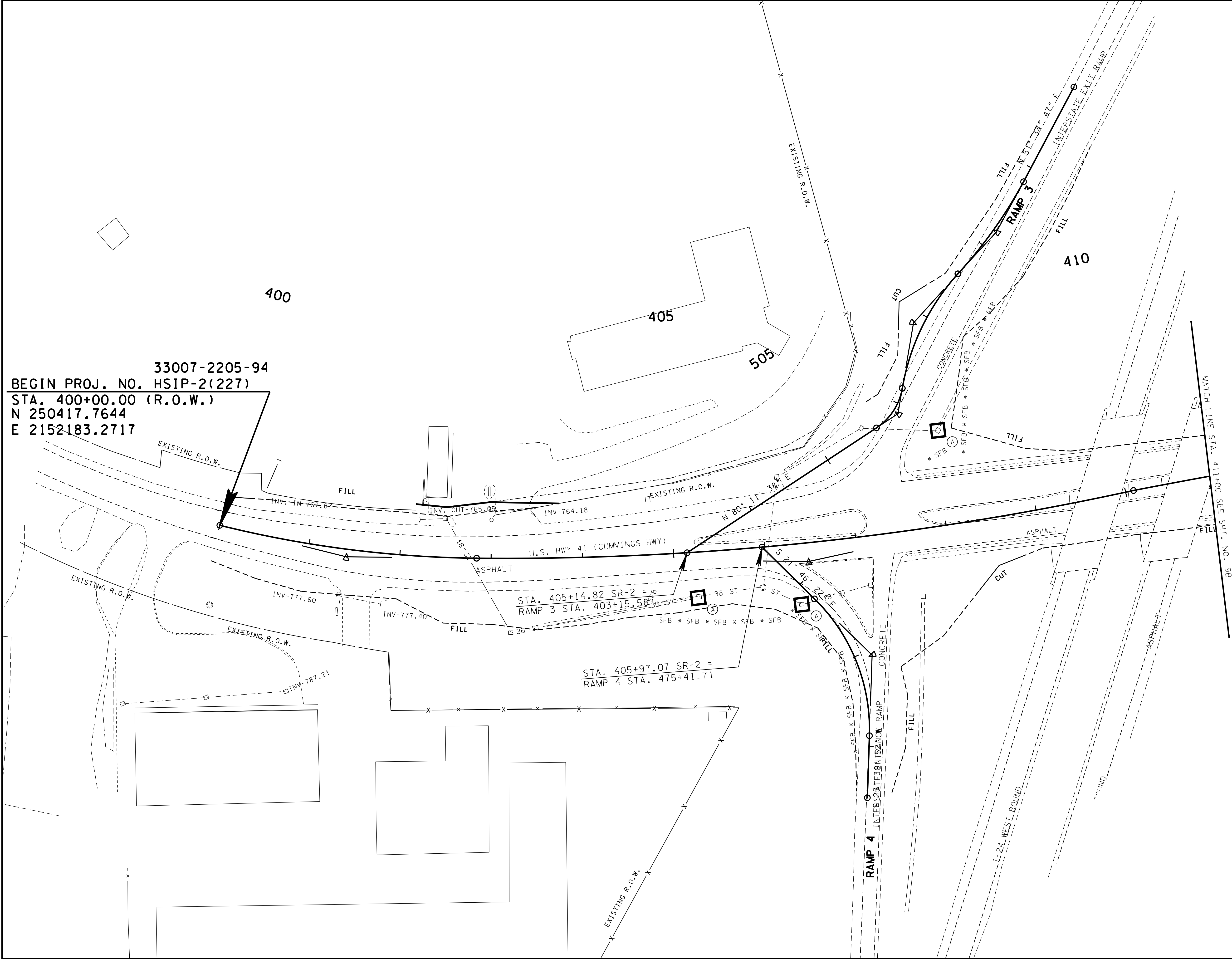
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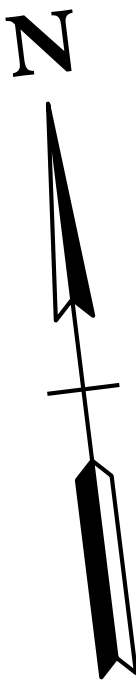
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

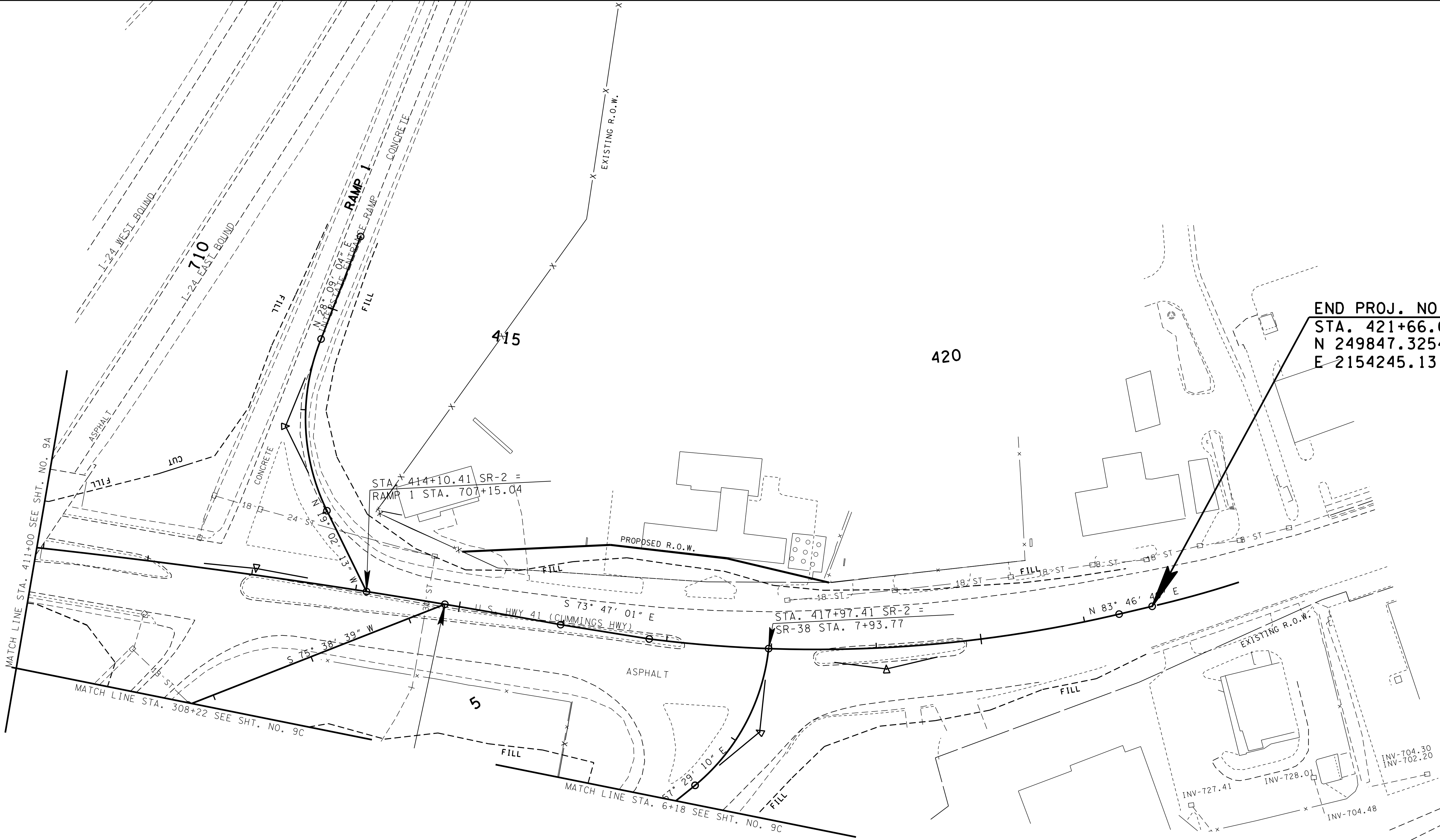
STA. 400+00 TO STA. 411+00
SCALE: 1"=50'



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9B



33007-2205-94
END PROJ. NO. HSIP-2(227)
STA. 421+66.05 (R.O.W)
N 249847.3254
E 2154245.1313



STAGE 1

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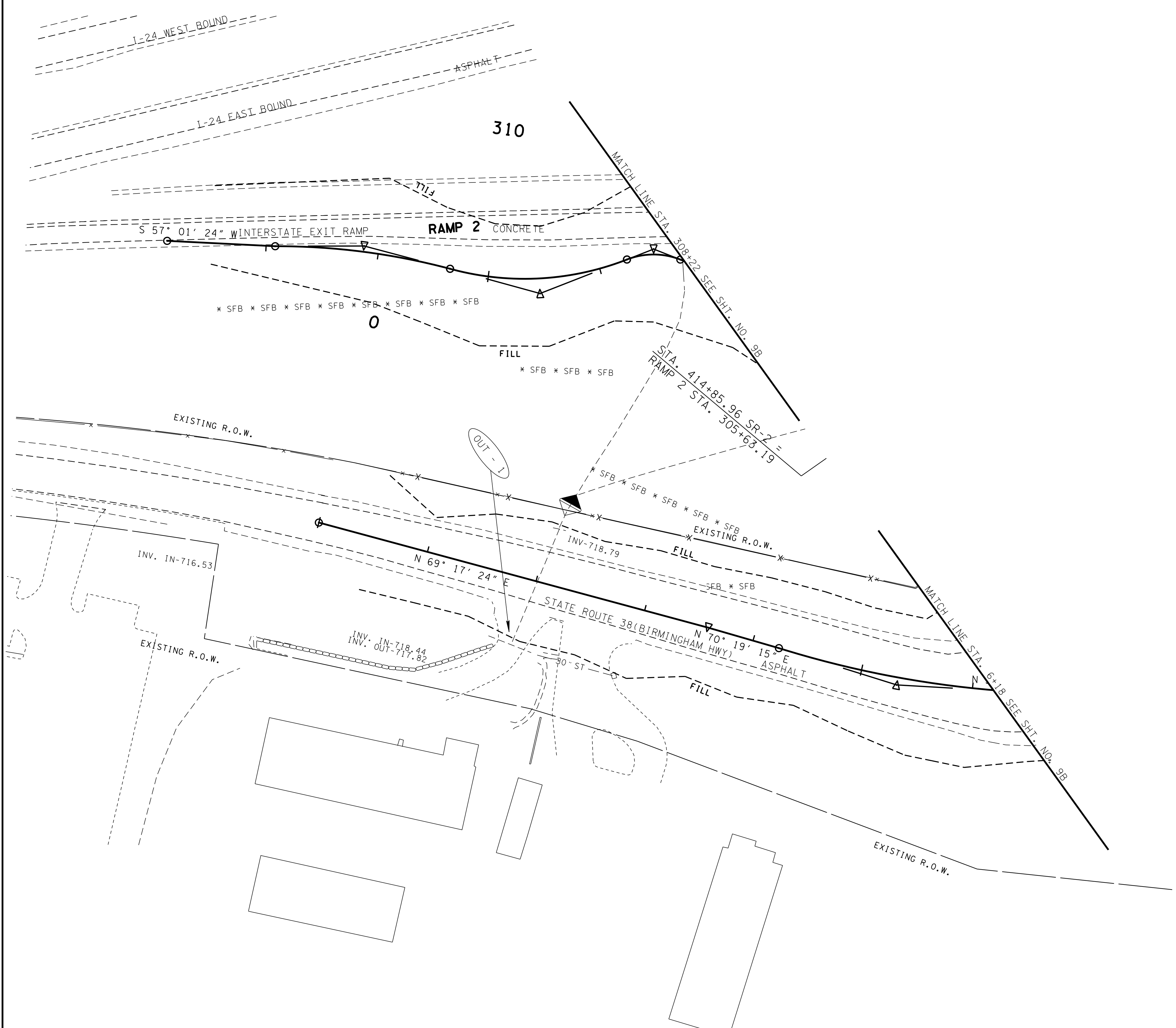
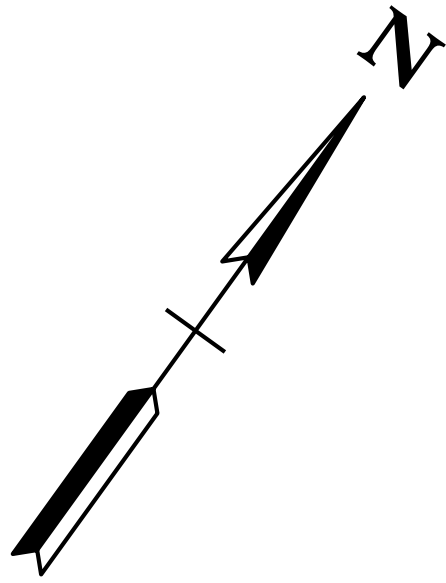
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN

STA. 411+00 TO STA. 422+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9C



STAGE 1

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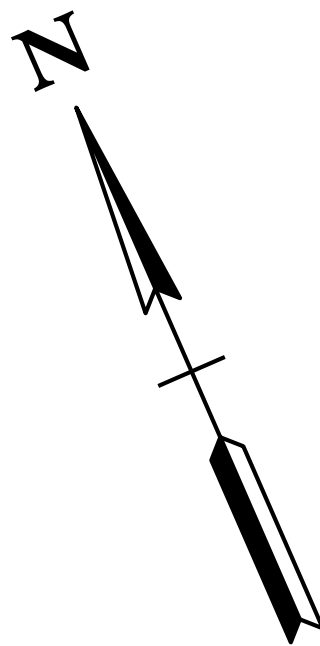
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

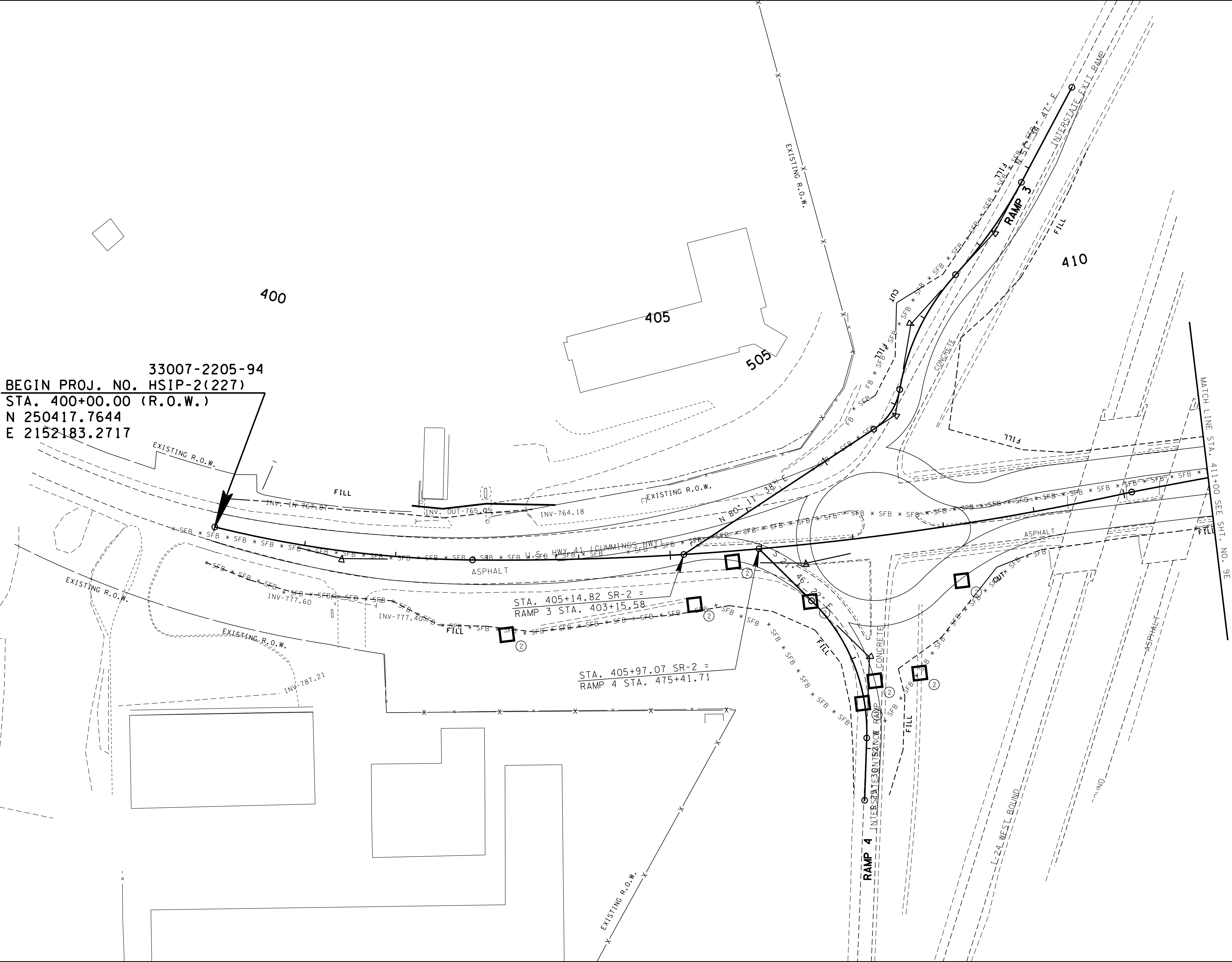
EROSION PREVENTION AND SEDIMENT CONTROL PLAN
STA. 0+00 TO STA. 8+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9D



33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 400+00.00 (R.O.W.)
N 250417.7644
E 2152183.2717



STAGE 2

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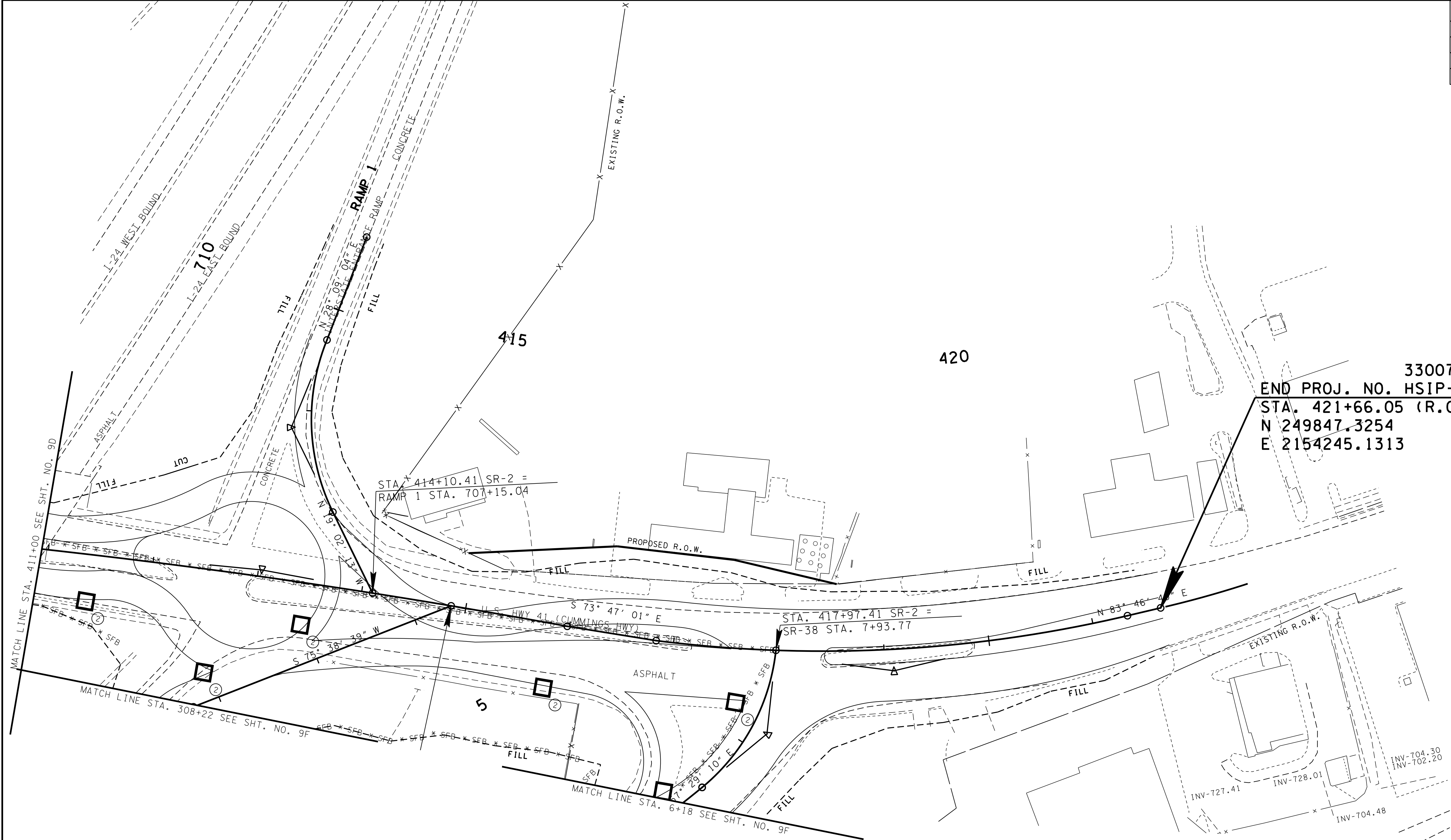
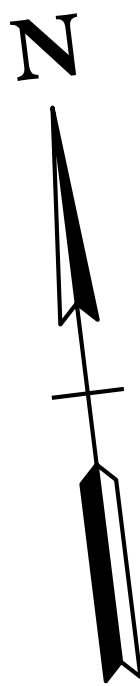
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 400+00 TO STA. 411+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9E



33007-2205-94
END PROJ. NO. HSIP-2(227)
STA. 421+66.05 (R.O.W.)
N 249847.3254
E 2154245.1313

STAGE 2

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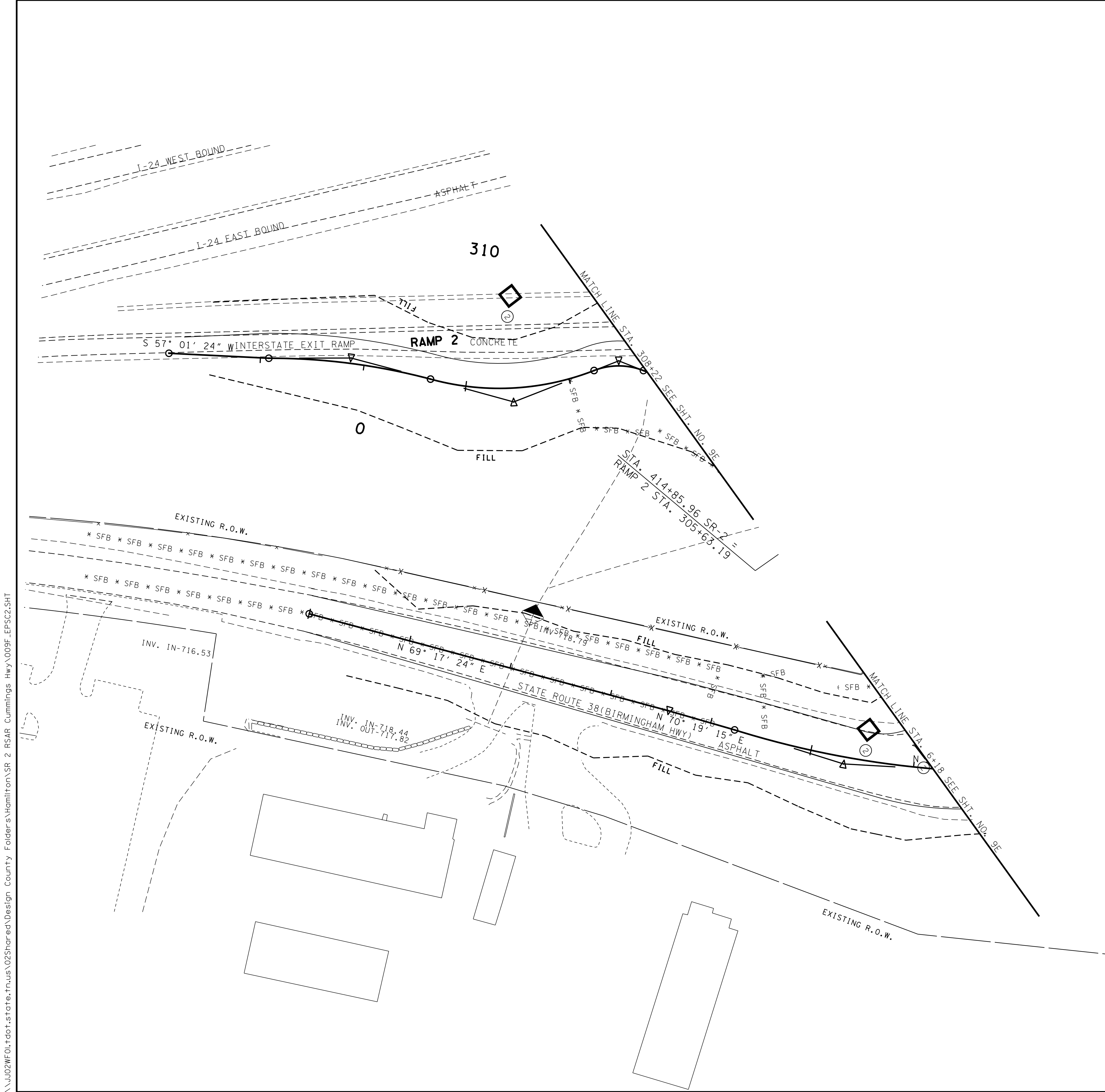
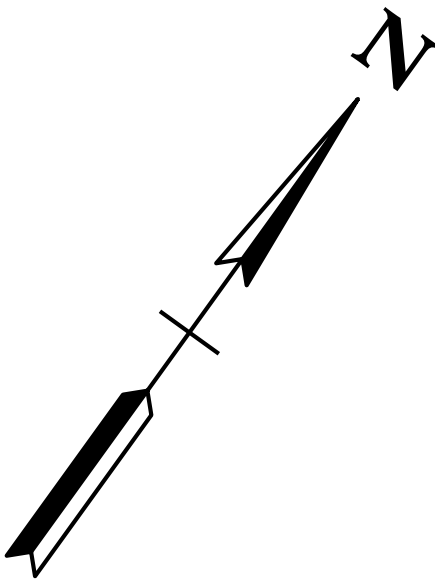
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 411+00 TO STA. 422+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9F



STAGE 2

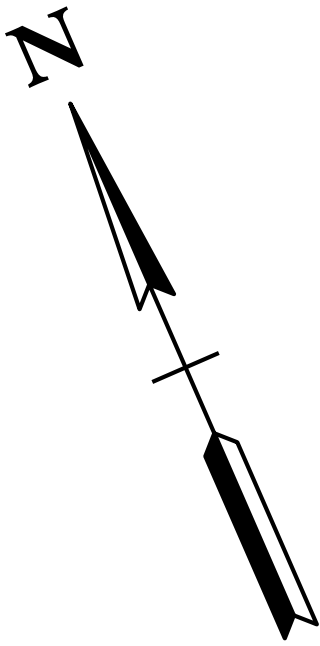
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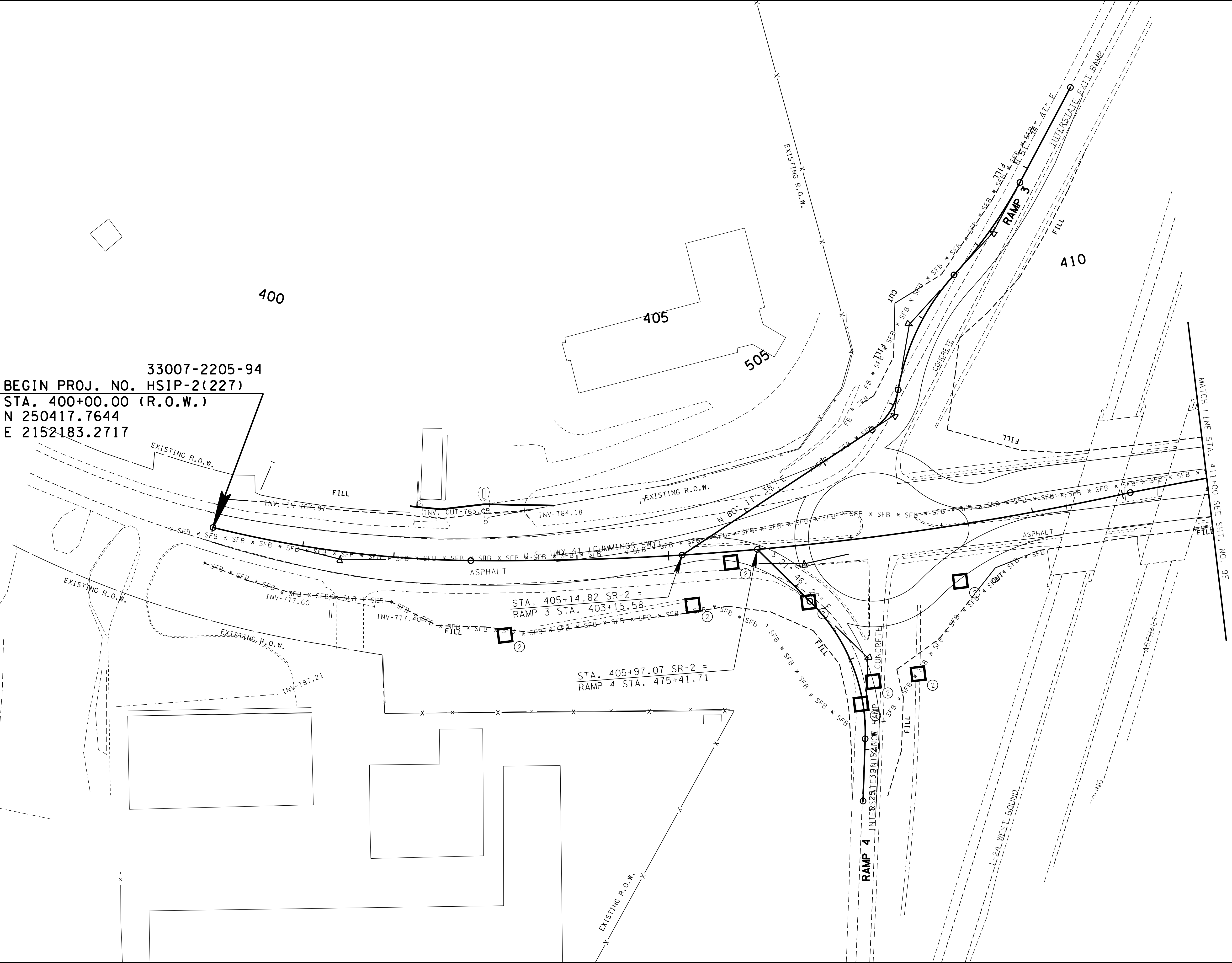
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN**
STA. 0+00 TO STA. 8+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9D



33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 400+00.00 (R.O.W.)
N 250417.7644
E 2152183.2717



STAGE 2A

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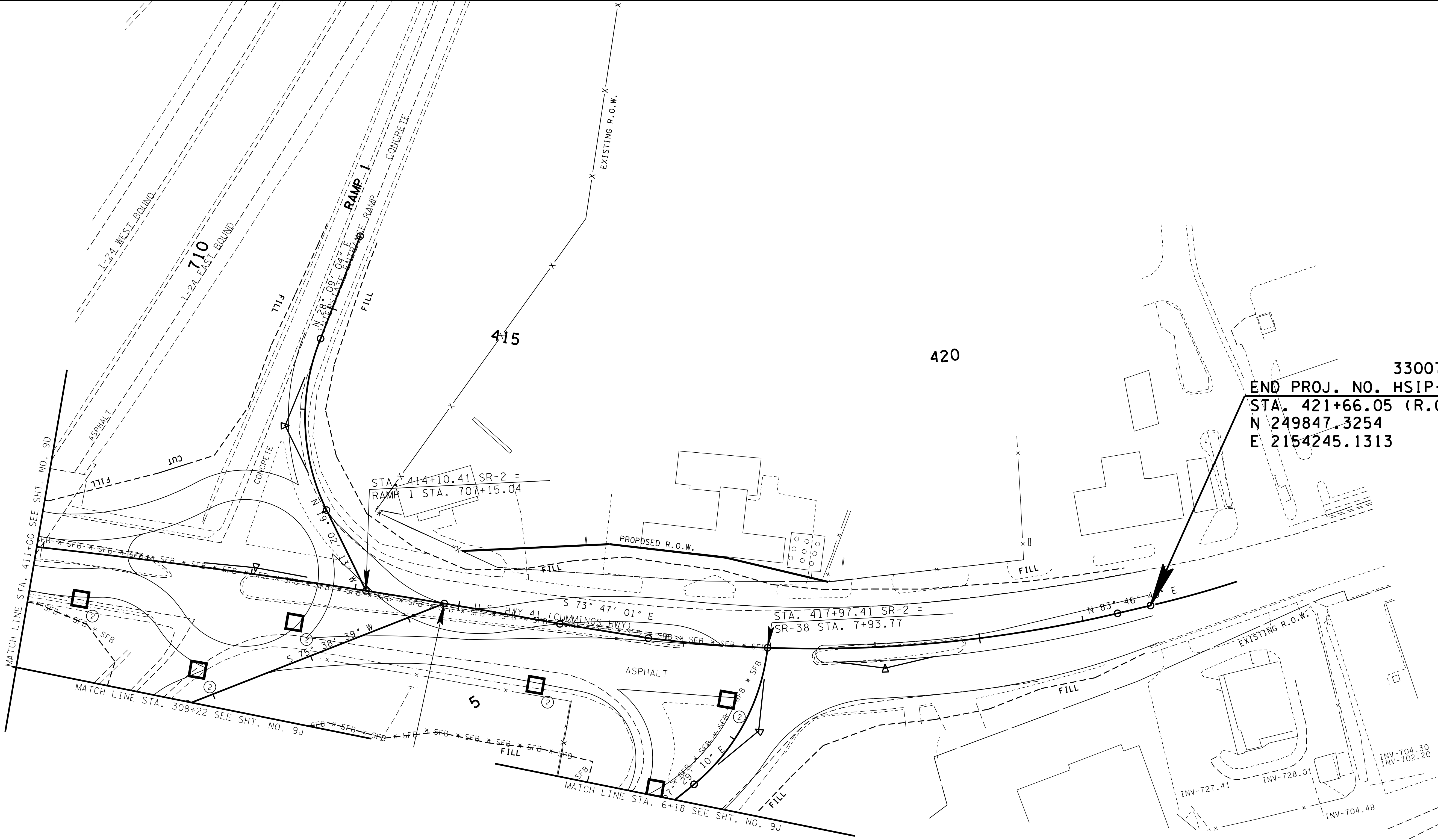
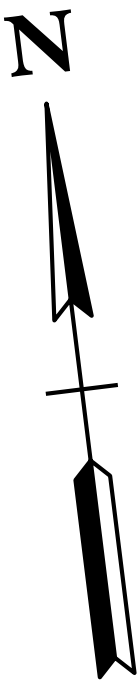
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 400+00 TO STA. 411+00
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9E



33007-2205-94
END PROJ. NO. HSIP-2(227)
STA. 421+66.05 (R.O.W.)
N 249847.3254
E 2154245.1313

STAGE 2A

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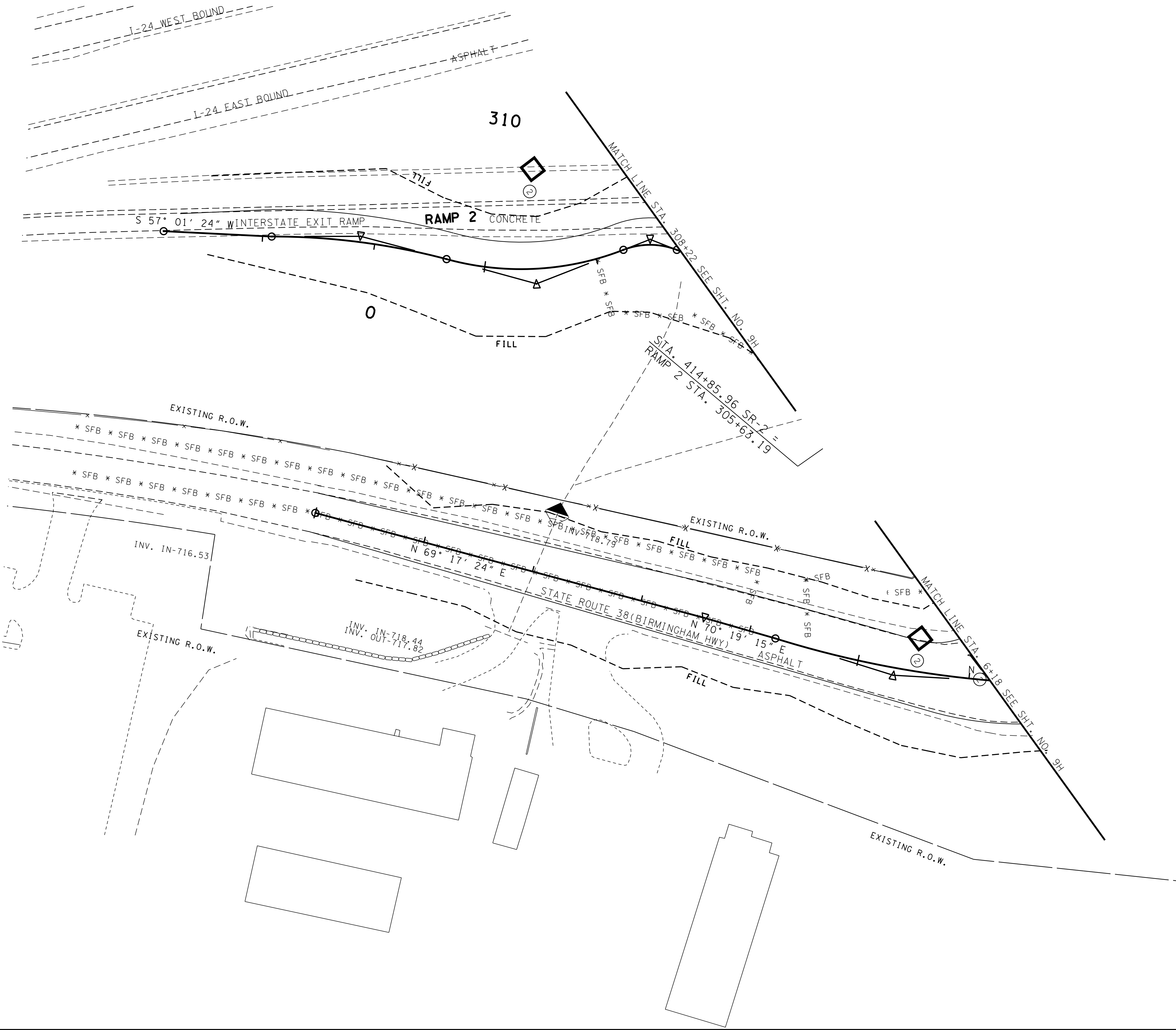
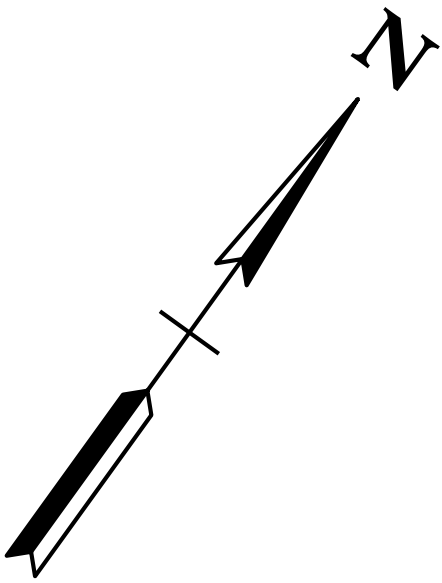
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 411+00 TO STA. 422+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9F



STAGE 2A

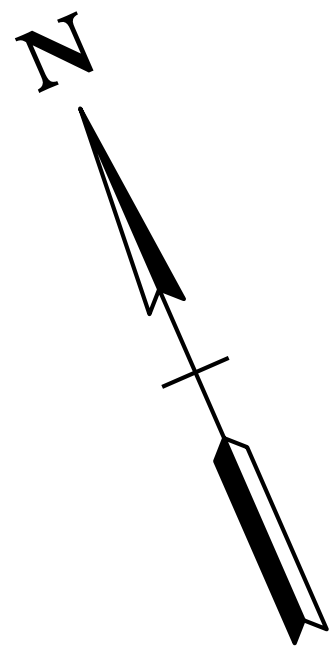
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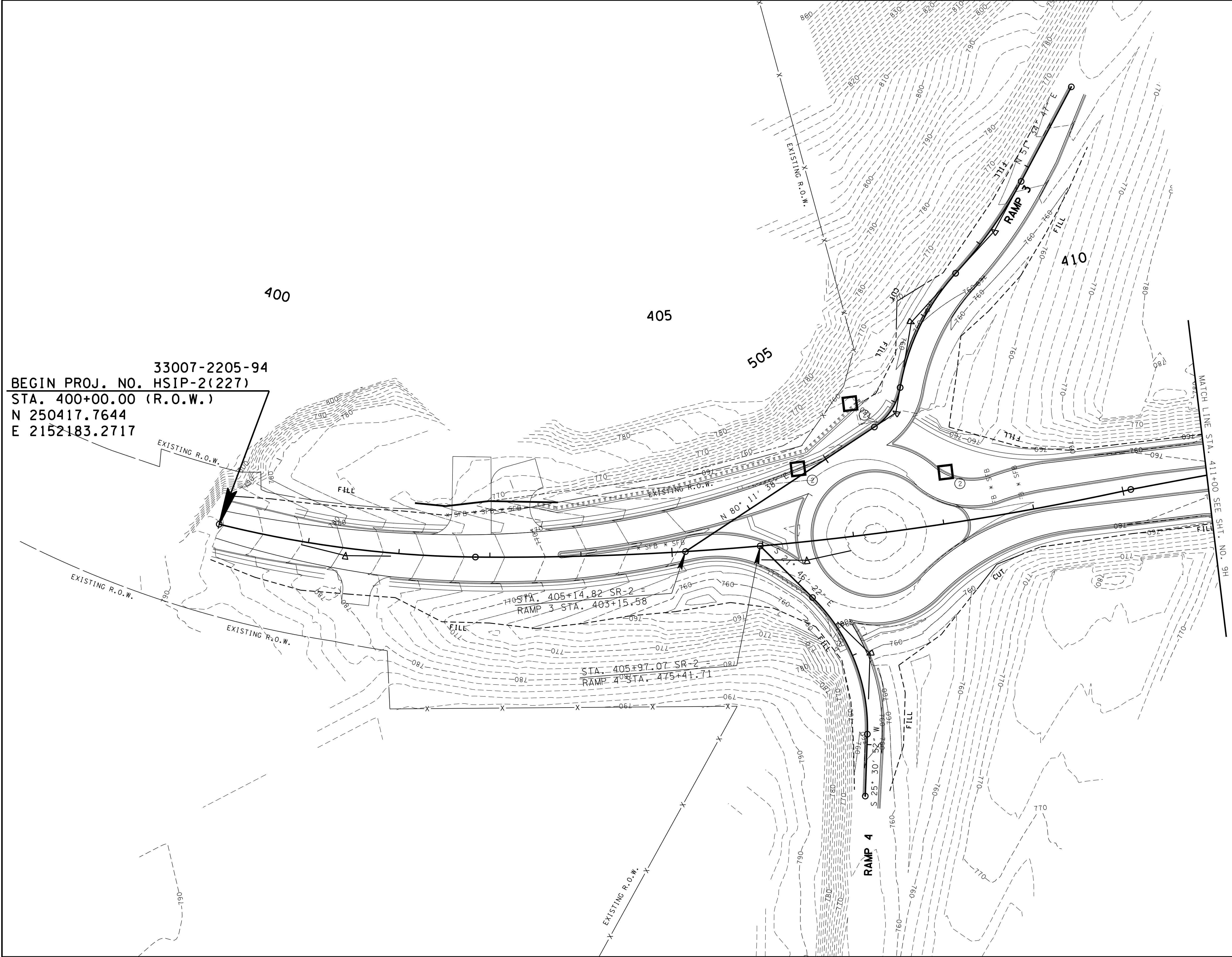
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

**EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN**
STA. 0+00 TO STA. 8+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9C



33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 400+00.00 (R.O.W.)
N 250417.7644
E 2152183.2717



STAGE 3

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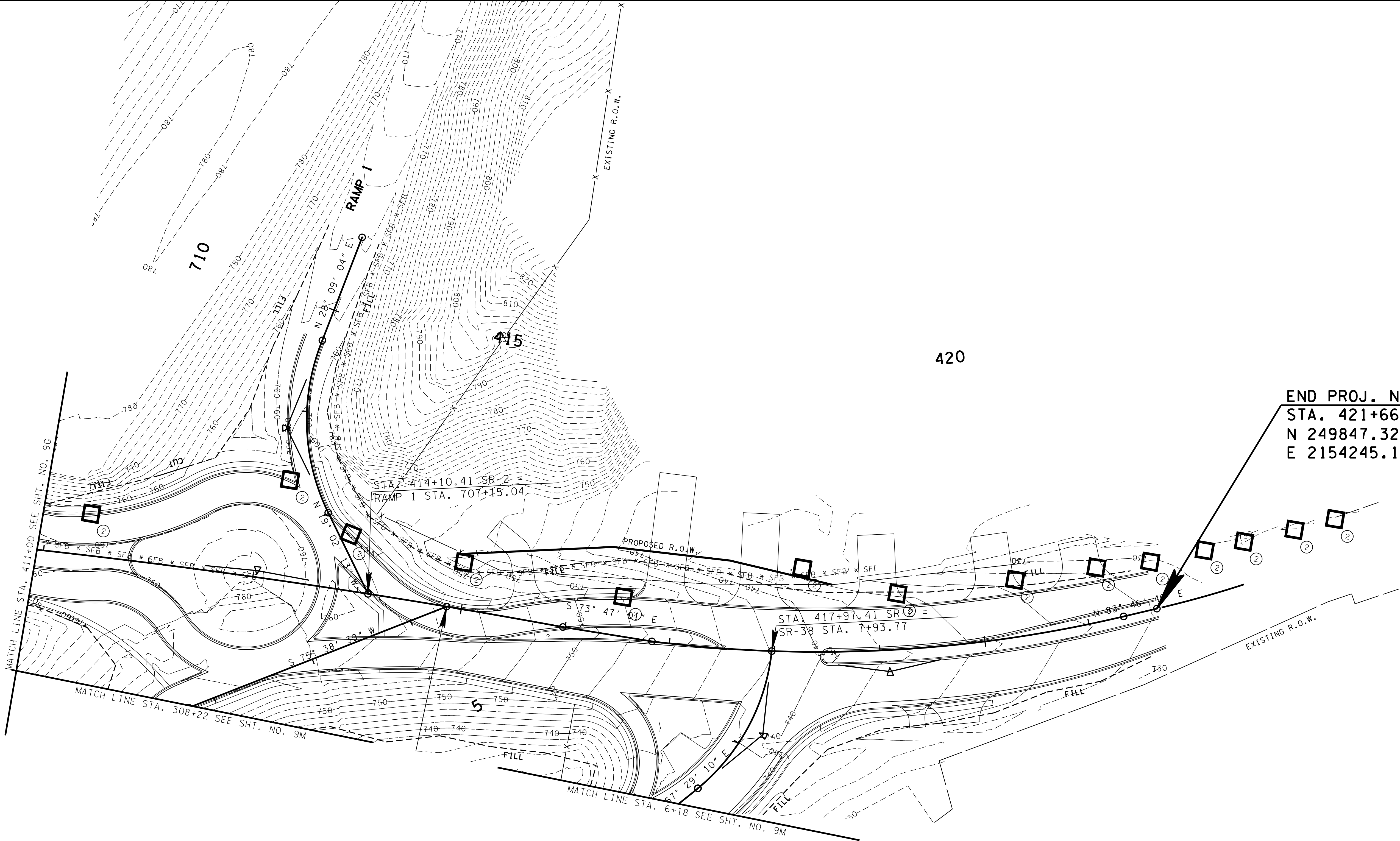
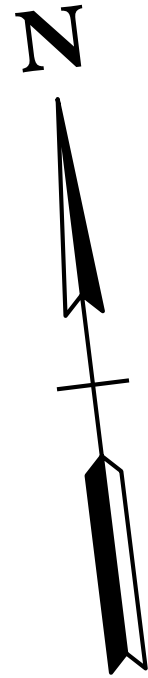
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN

STA. 400+00 TO STA. 411+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9H



33007-2205-94
END PROJ. NO. HSIP-2(227)
STA. 421+66.05 (R.O.W.)
N 249847.3254
E 2154245.1313

STAGE 3

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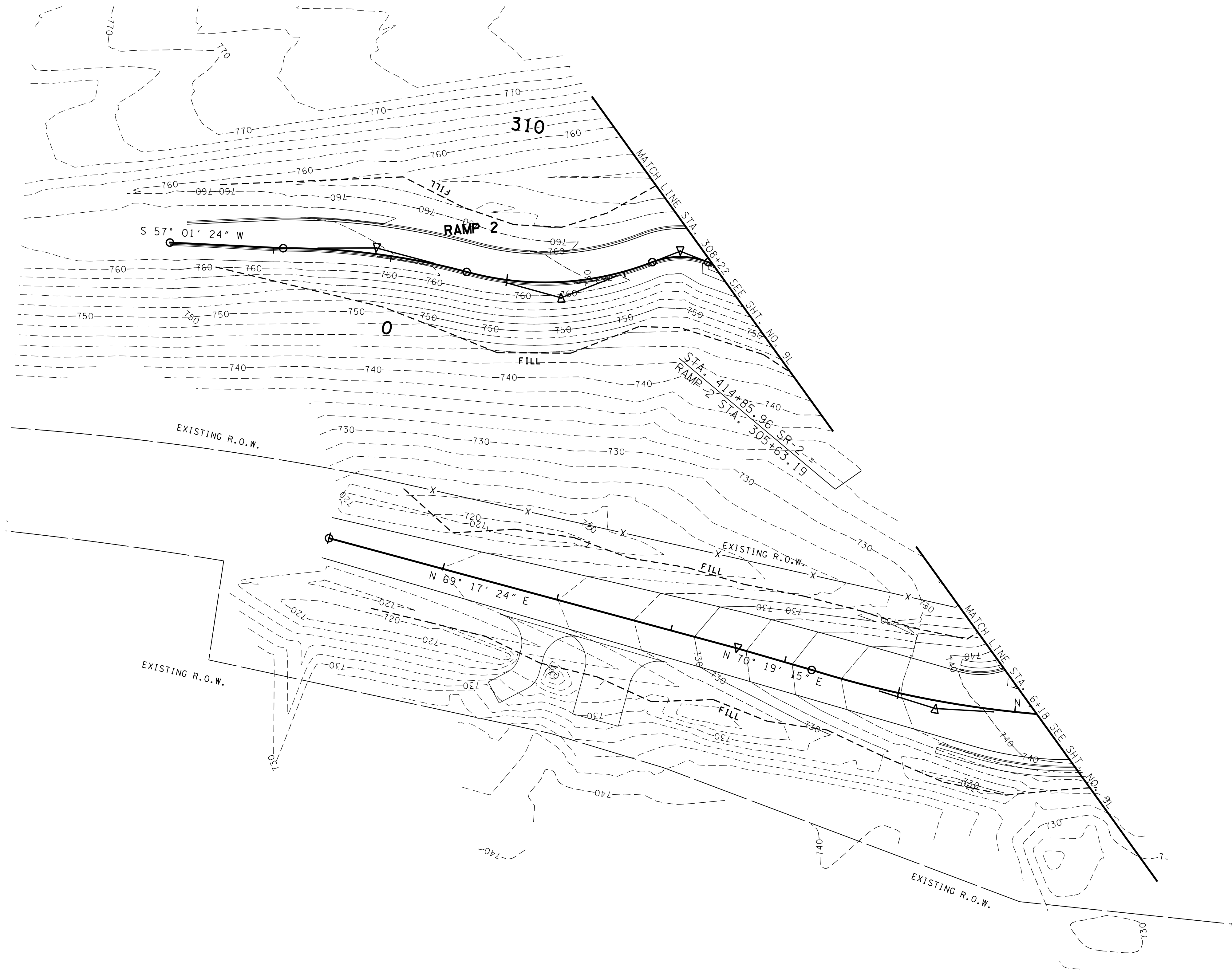
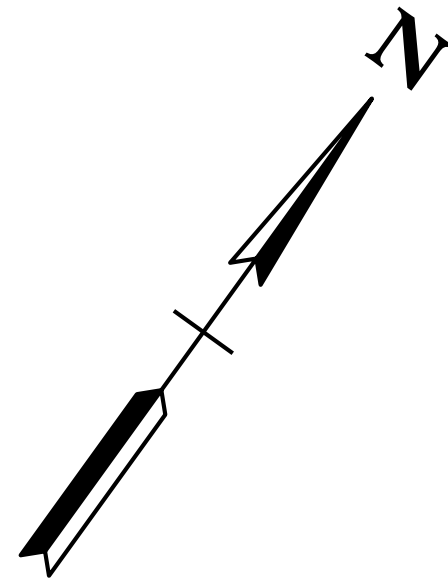
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 411+00 TO STA. 422+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9J



STAGE 3

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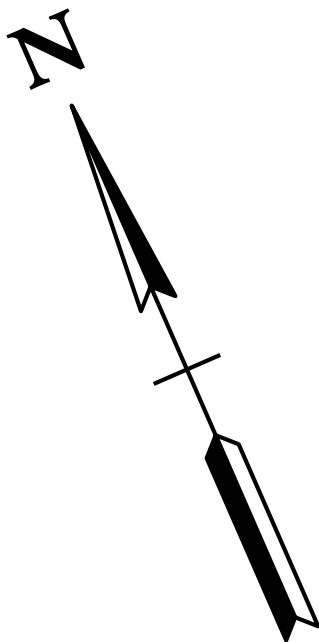
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

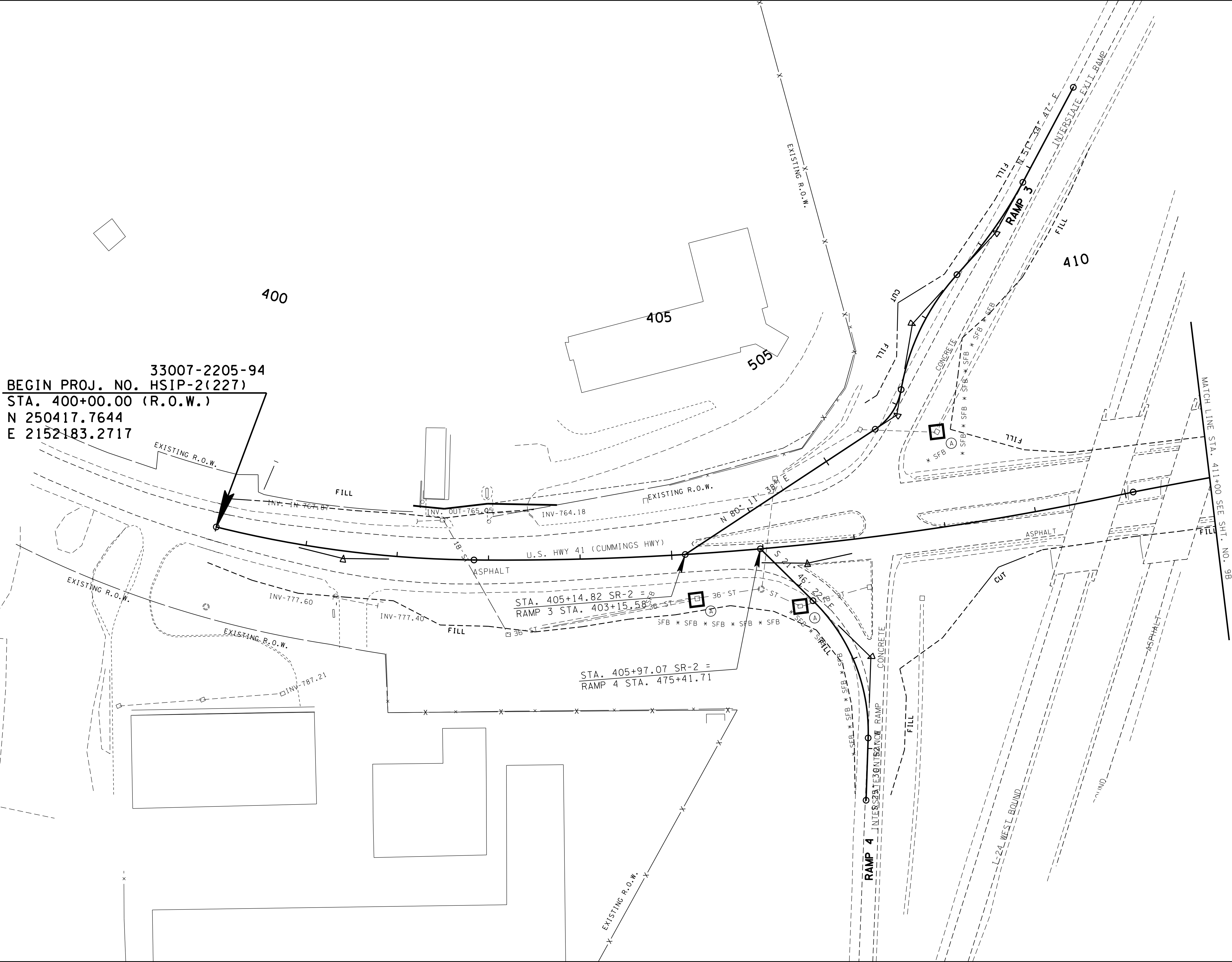
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STA.0+00 TO STA.8+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9A



33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 400+00.00 (R.O.W.)
N 250417.7644
E 2152183.2717



STAGE 4

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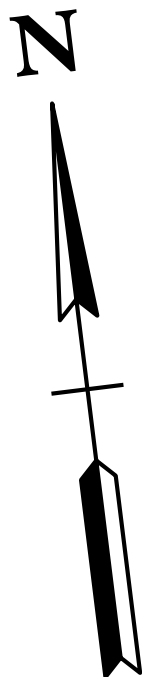
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

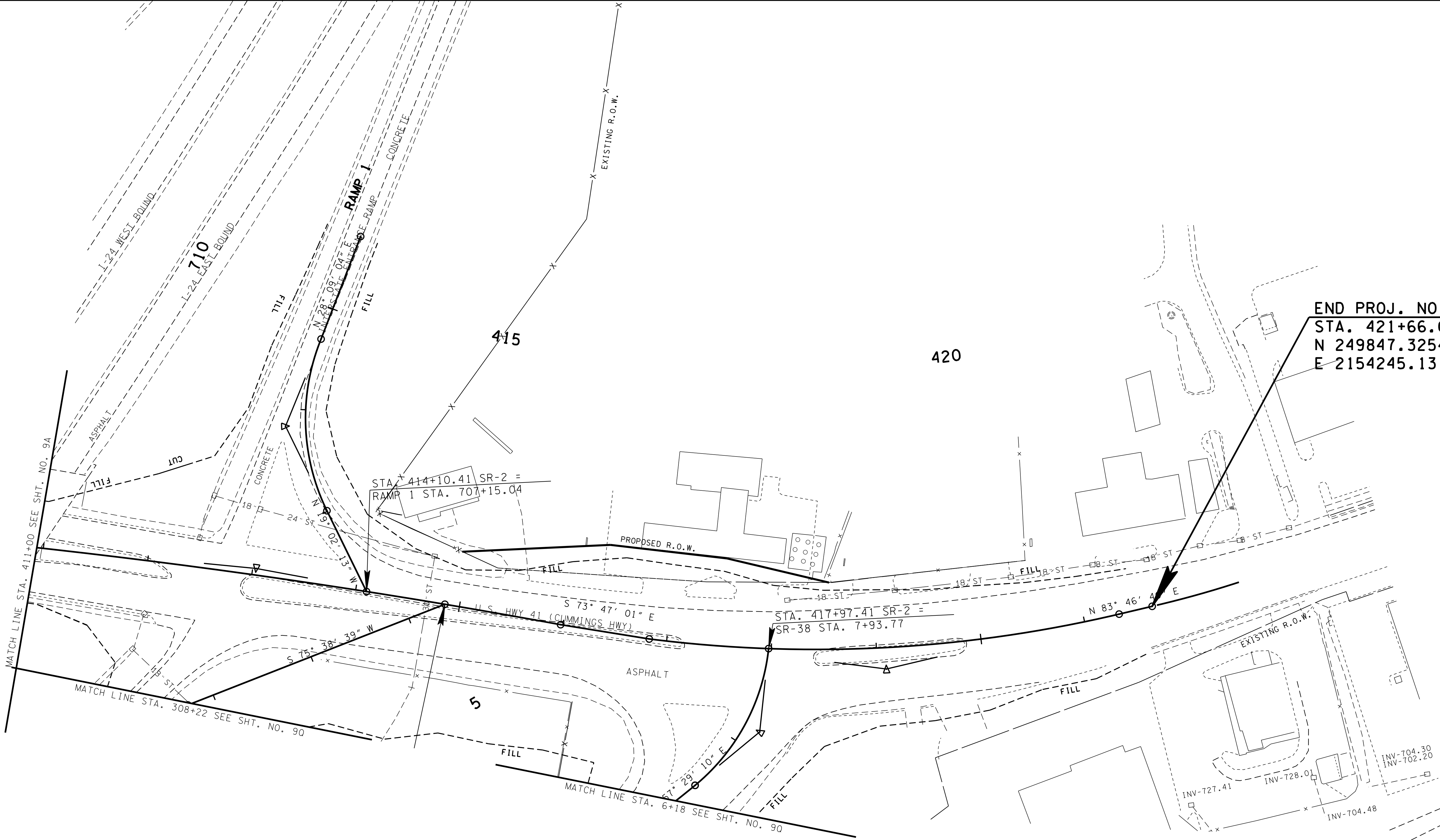
EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 400+00 TO STA. 411+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9B



33007-2205-94
END PROJ. NO. HSIP-2(227)
STA. 421+66.05 (R.O.W)
N 249847.3254
E 2154245.1313



STAGE 4

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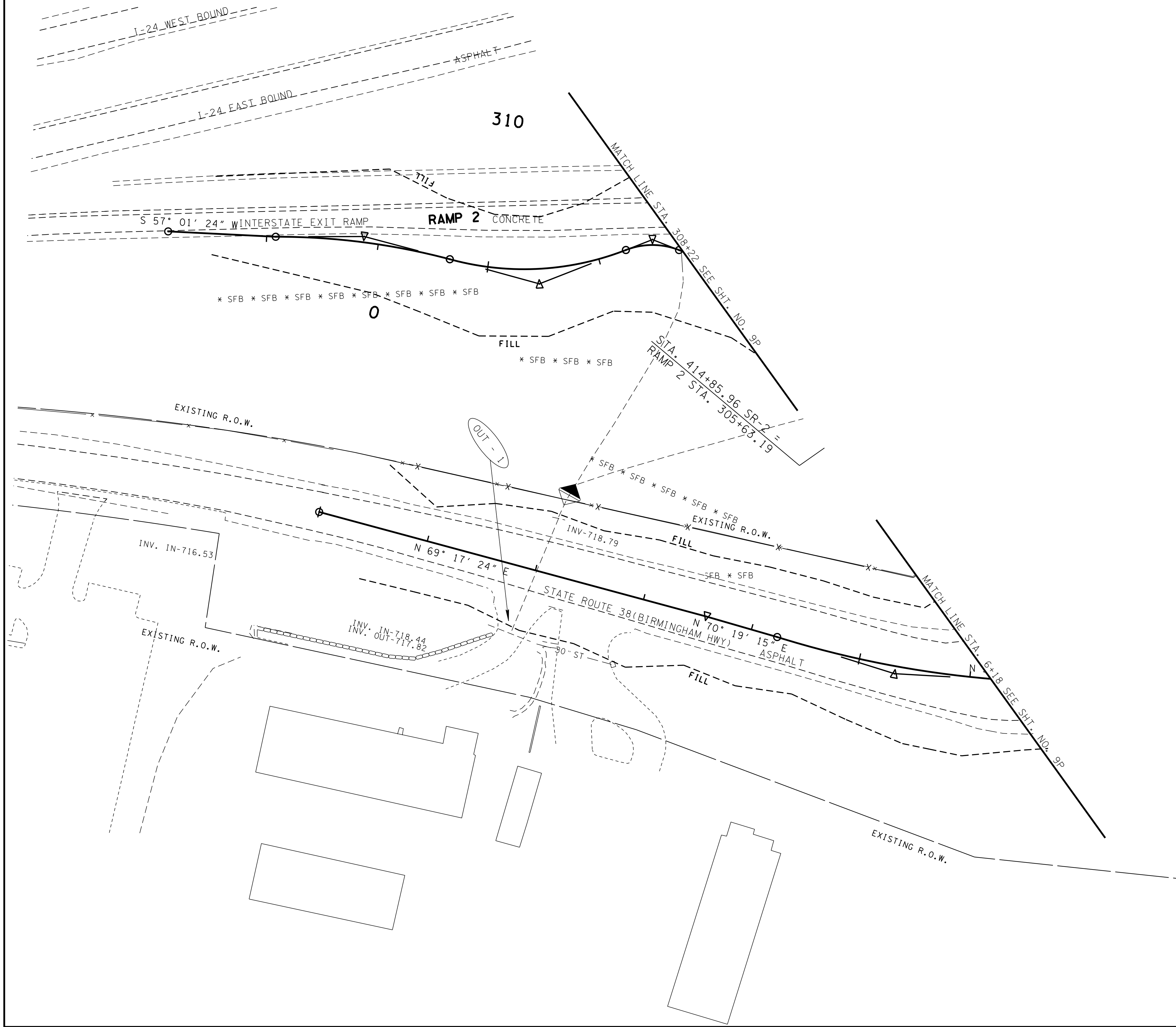
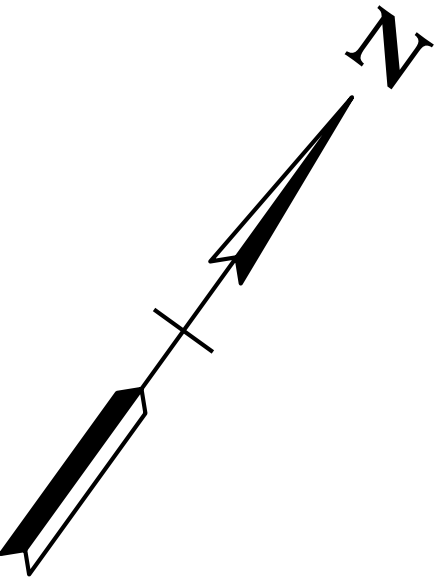
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 411+00 TO STA. 422+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9C



STAGE 4

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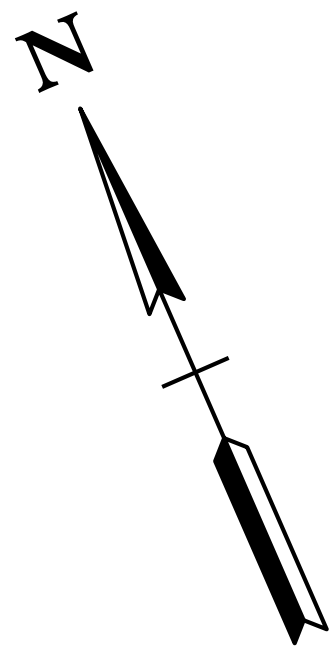
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

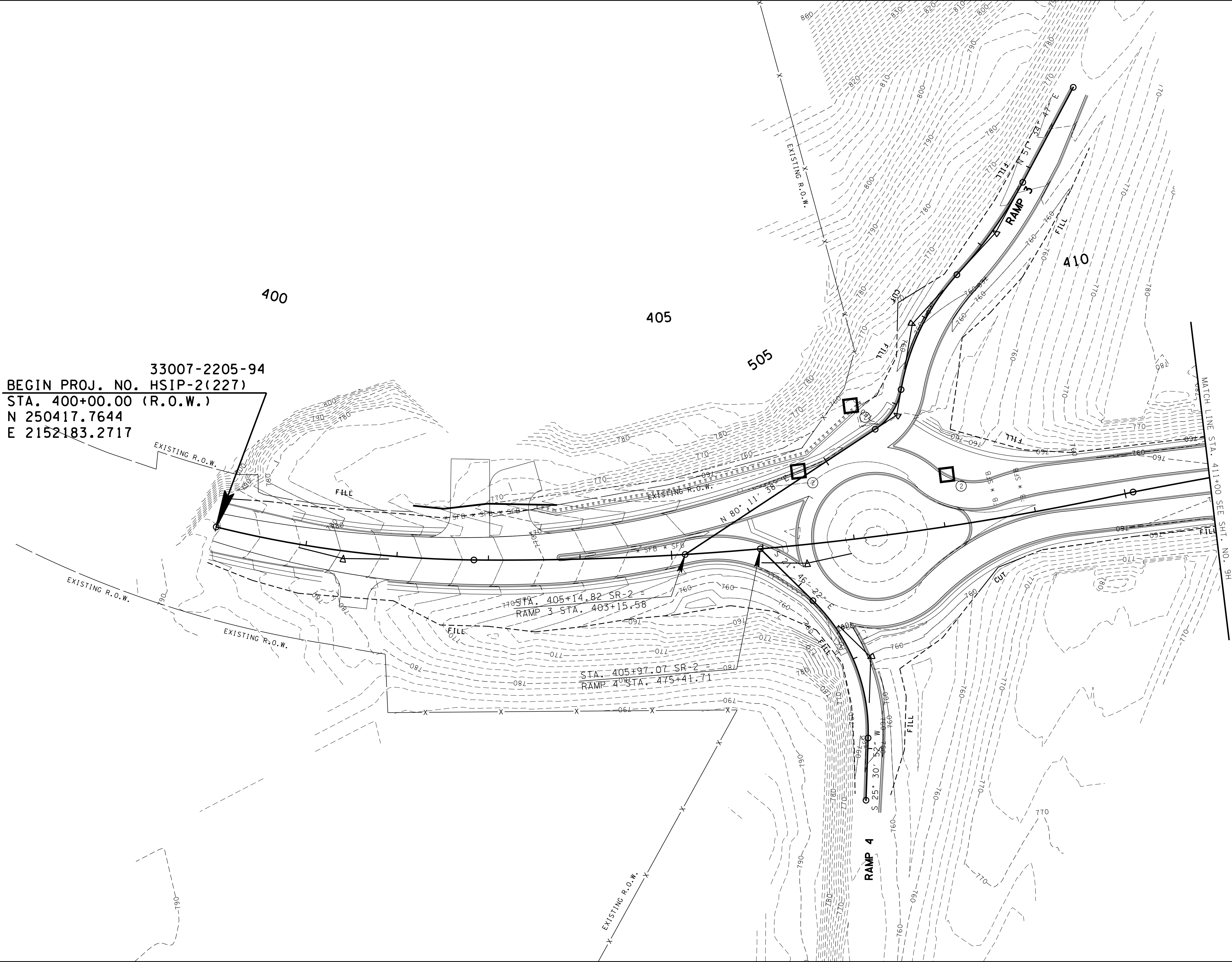
STA.0+00 TO STA.8+00

SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9C



33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 400+00.00 (R.O.W.)
N 250417.7644
E 2152183.2717



STAGE 5

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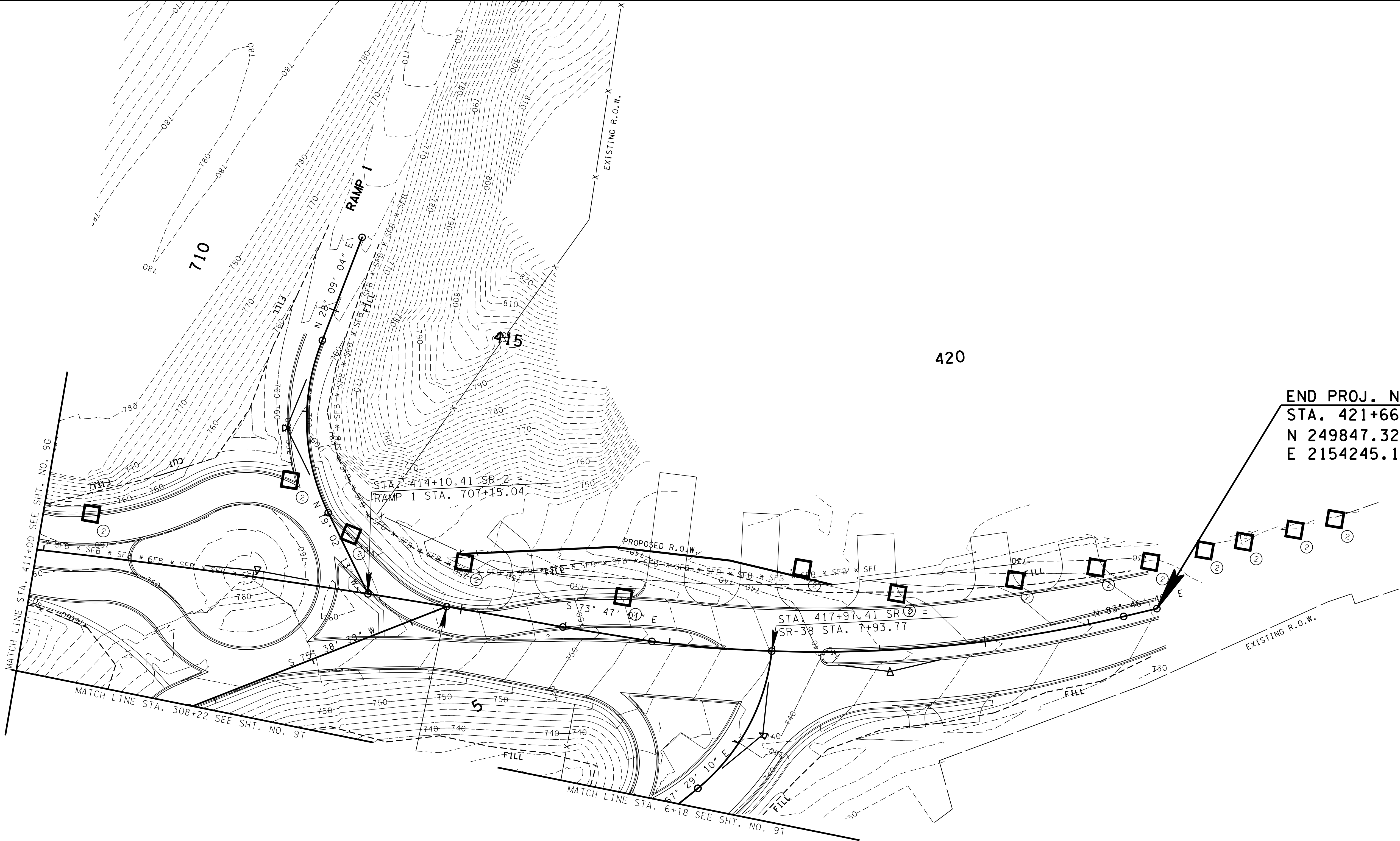
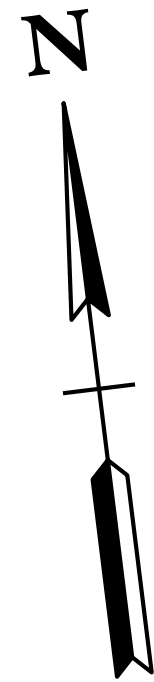
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN

STA. 400+00 TO STA. 411+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9H



N 249847.3254
E 2154245.1313
END PROJ. NO. HSIP-2(227)
STA. 421+66.05 (R.O.W.)
N 249847.3254
E 2154245.1313

STAGE 5

SEALED BY

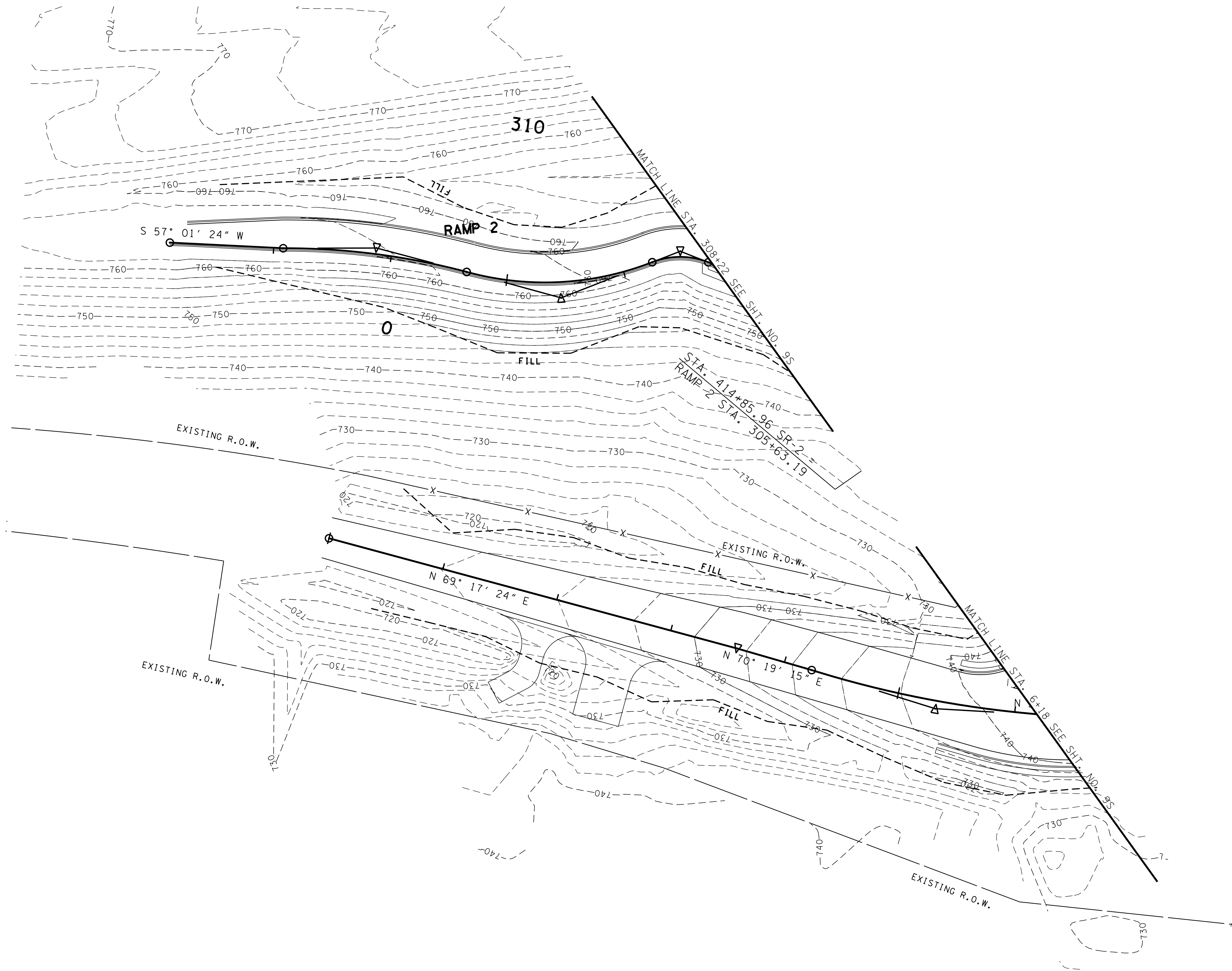
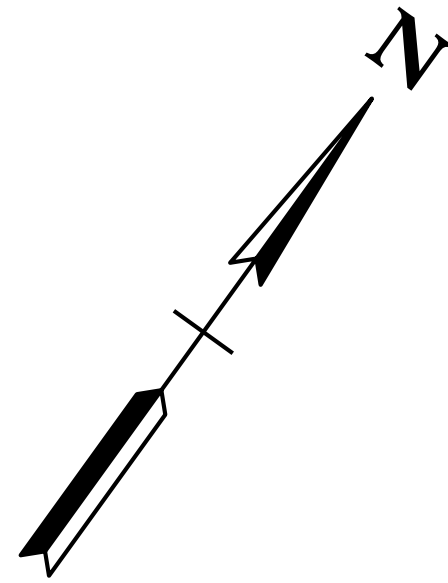
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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 411+00 TO STA. 422+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	9J



STAGE 5

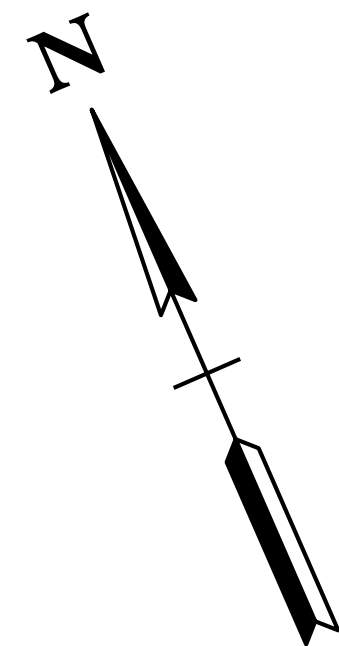
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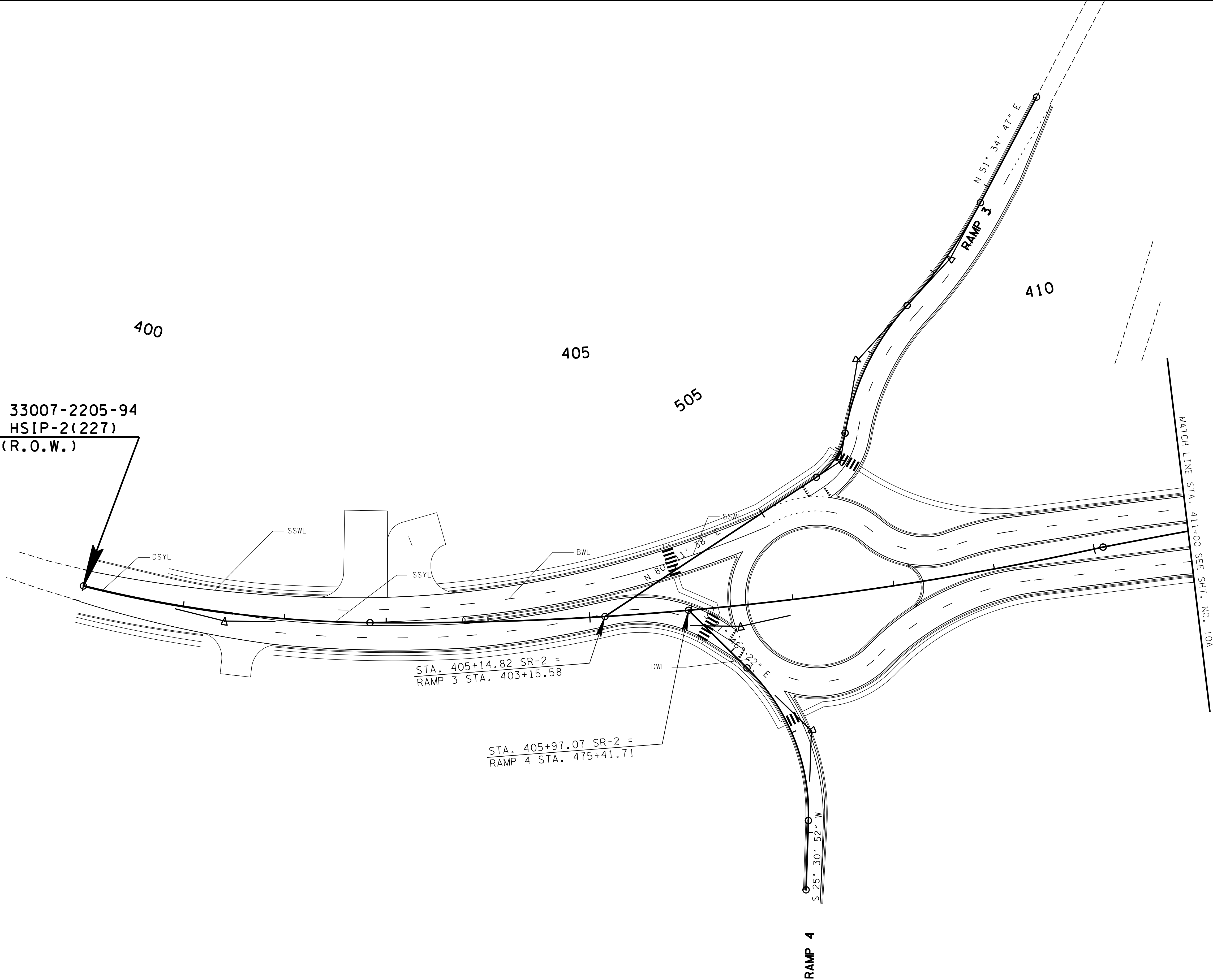
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION
PREVENTION
AND SEDIMENT
CONTROL PLAN
STA.0+00 TO STA.8+00
SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	10



33007-2205-94
BEGIN PROJ. NO. HSIP-2(227)
STA. 400+00.00 (R.O.W.)
N 250417.7644
E 2152183.2717



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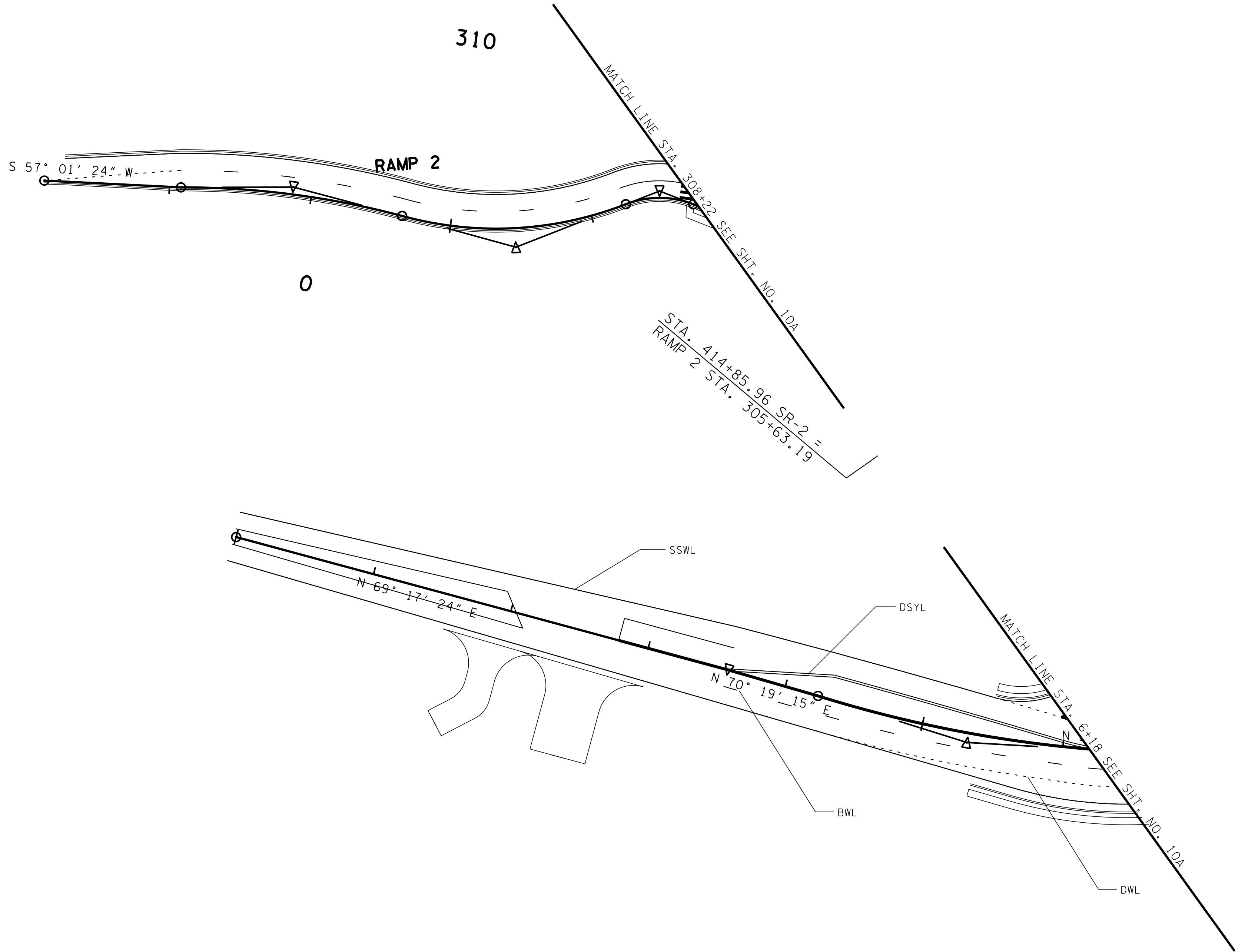
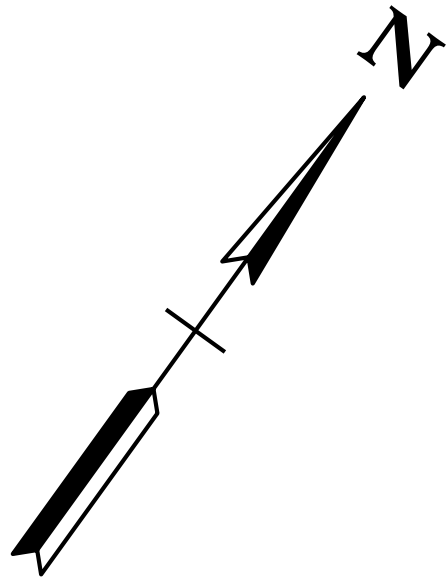
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT
STRIPING
DETAILS

STA. 400+00 TO STA. 411+00

SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2017	HSIP-2(227)	108



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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PAVEMENT STRIPING DETAILS
STA.0+00 TO STA.8+00
SCALE: 1"=50'