

NEW YORK DIVISION  
PLANS FOR THE  
AETC CONVERSION OF HARRIMAN TOLL PLAZA

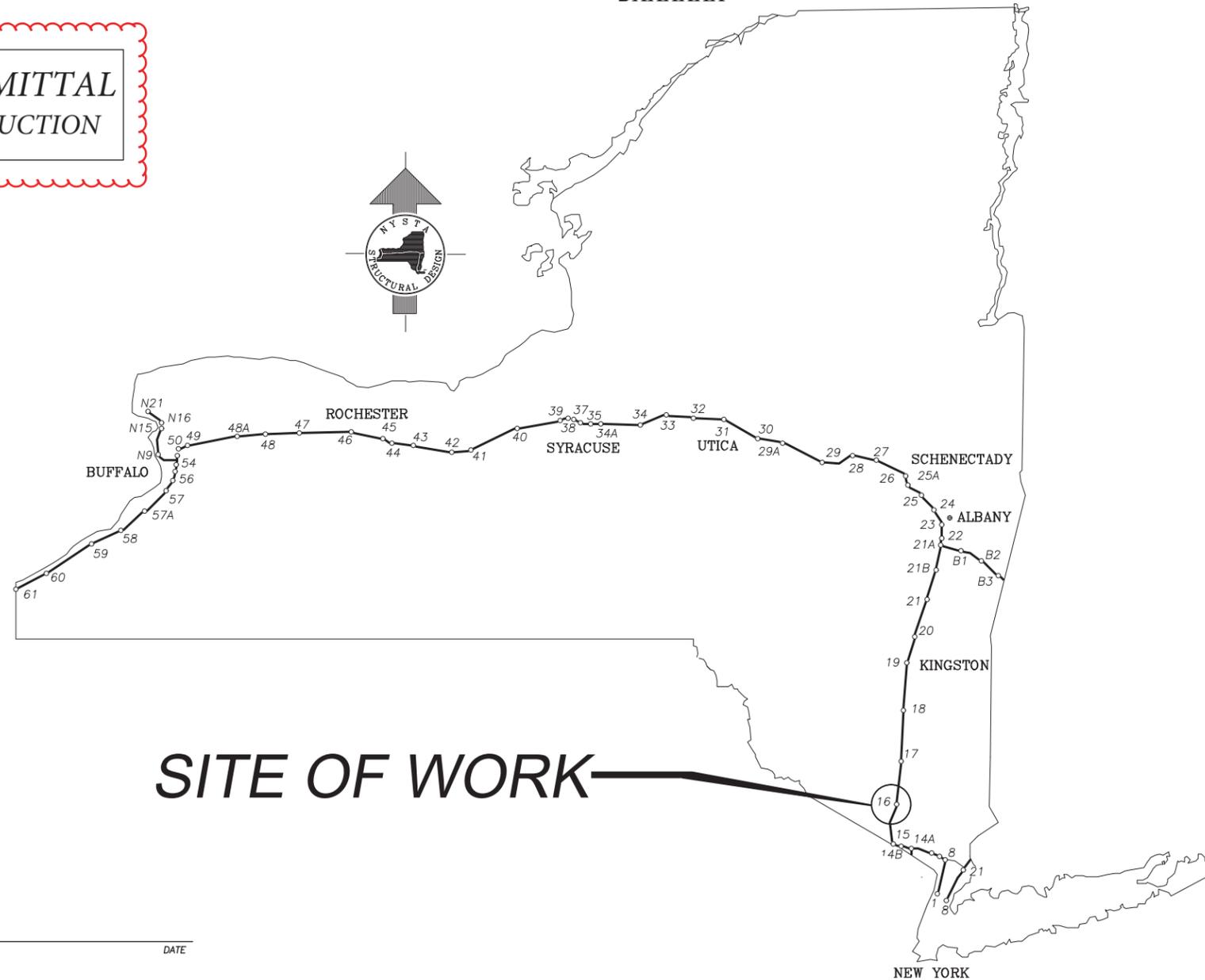
MILEPOST 45.25  
IN  
ORANGE COUNTY

XXX SHEETS

TANY XX-X

DXXXXXX

CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION



TYPE OF CONSTRUCTION:

HIGHWAY RECONSTRUCTION, HIGHWAY REHABILITATION, TOLL BUILDING CONSTRUCTION, TOLL BARRIER CONSTRUCTION, TOLL BARRIER MODIFICATION, DRAINAGE ENHANCEMENTS, AND OTHER MISCELLANEOUS WORK.

STANDARD SHEETS:

THE LATEST REVISIONS OF THE STANDARD SHEETS MAINTAINED BY NYS DOT, WHICH ARE CURRENT ON THE DATE OF ADVERTISEMENT FOR BIDS SHALL BE CONSIDERED TO BE IN EFFECT. ALL PAY ITEMS AND WORK CONTAINED IN THE CONTRACT AND ANY ADDITIONAL PAY ITEMS AND WORK ENCOUNTERED DURING THE COURSE OF THE CONTRACT SHALL BE SUBJECT TO THE APPLICABLE STANDARD SHEET(S) LISTED ON DWG. NO. IND-3, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.

NOTES:

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE GOVERNED BY AND IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS - CONSTRUCTION AND MATERIALS U.S. CUSTOMARY UNITS" ADOPTED MAY 1, 2008 EXCEPT AS MODIFIED IN THESE PLANS AND BY THE PROPOSAL.

WARNING: IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER AN ITEM ON THESE PLANS IN ANY WAY. IF ALTERATIONS TO THESE PLANS ARE REQUIRED, THE ALTERATIONS SHALL BE MADE IN ACCORDANCE WITH ARTICLE 145 - SUBSECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

SIGNATURES HEREON HAVE BEEN AFFIXED BY PERSONS ACTING IN THEIR OFFICIAL CAPACITY AS INDICATED.

SITE OF WORK

DIG SAFELY NEW YORK  
UNDERGROUND FACILITIES PROTECTION ORGANIZATION  
CALL 811

CONTRACTOR'S NAME: .....  
AWARD DATE: .....  
COMPLETION DATE: .....  
FINAL ACCEPTANCE DATE: .....  
INSPECTION FIRM'S NAME: .....  
RESIDENT ENG./EIC: .....  
FINAL COST TOTAL: .....

FISCAL SHARE	COST(S)

INSPECTION FIRM CONSULTANT STAMP:

RECOMMENDED BY: \_\_\_\_\_  
DIVISION DIRECTOR DATE

RECOMMENDED BY: _____	RECOMMENDED BY: _____	RECOMMENDED BY: _____	RECOMMENDED BY: _____	APPROVED BY: _____
TRAFFIC ENGINEER DATE	DIRECTOR, OFFICE OF CONSTRUCTION MANAGEMENT DATE	DIRECTOR OF MAINTENANCE AND OPERATIONS DATE	ASSISTANT CHIEF ENGINEER DATE	CHIEF ENGINEER DATE

REVIEWED BY

PROJECT MANAGER

BUREAU DIRECTOR

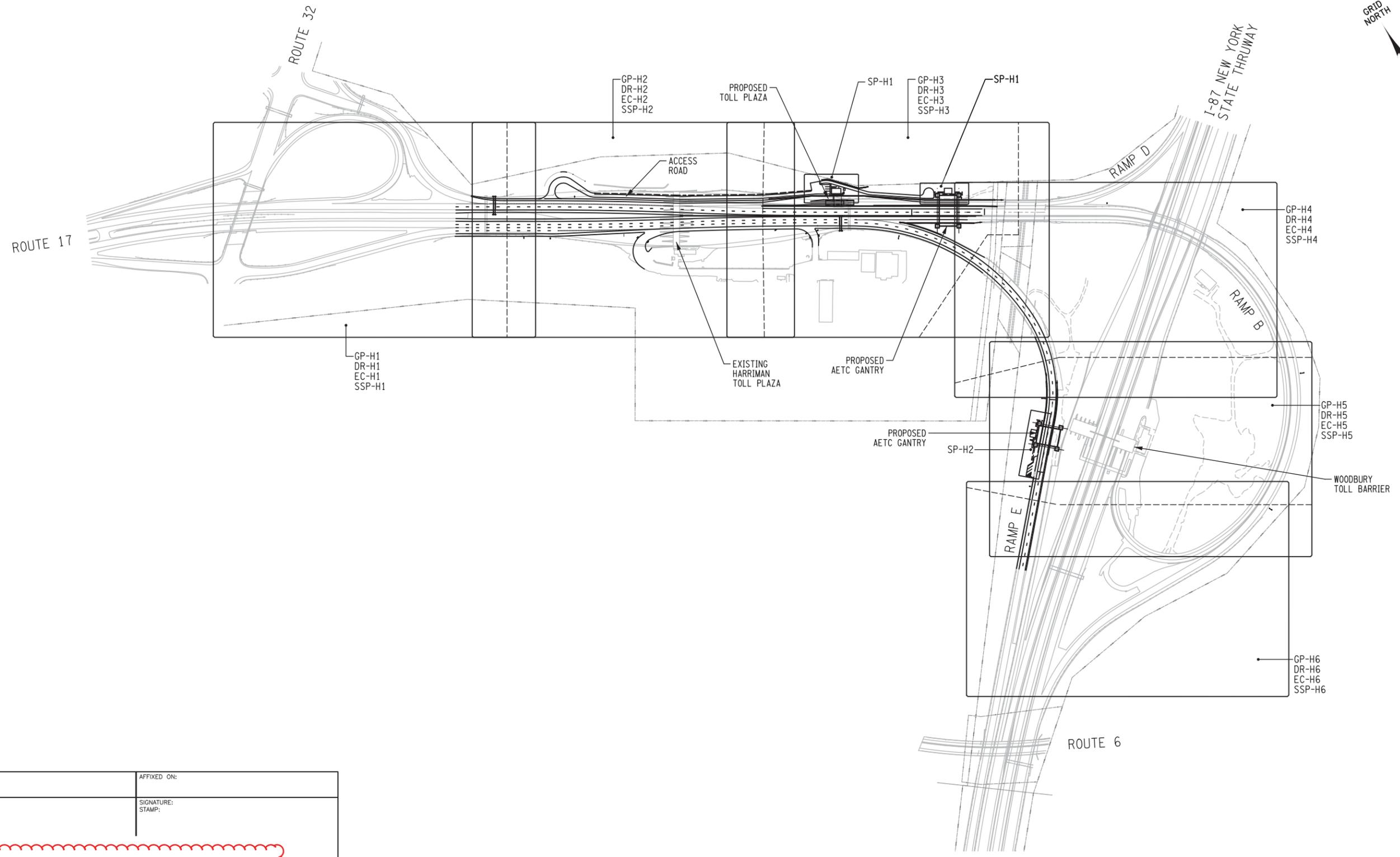
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: L. WOLFE

DESIGN SUPERVISOR: E. KRISTIANSEN



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE. THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**NEW YORK STATE THRUWAY AUTHORITY**  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**HNTB** HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT:  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT:  
**ORANGE COUNTY**

TITLE OF DRAWING:  
**HARRIMAN TOLL PLAZA KEY PLAN**

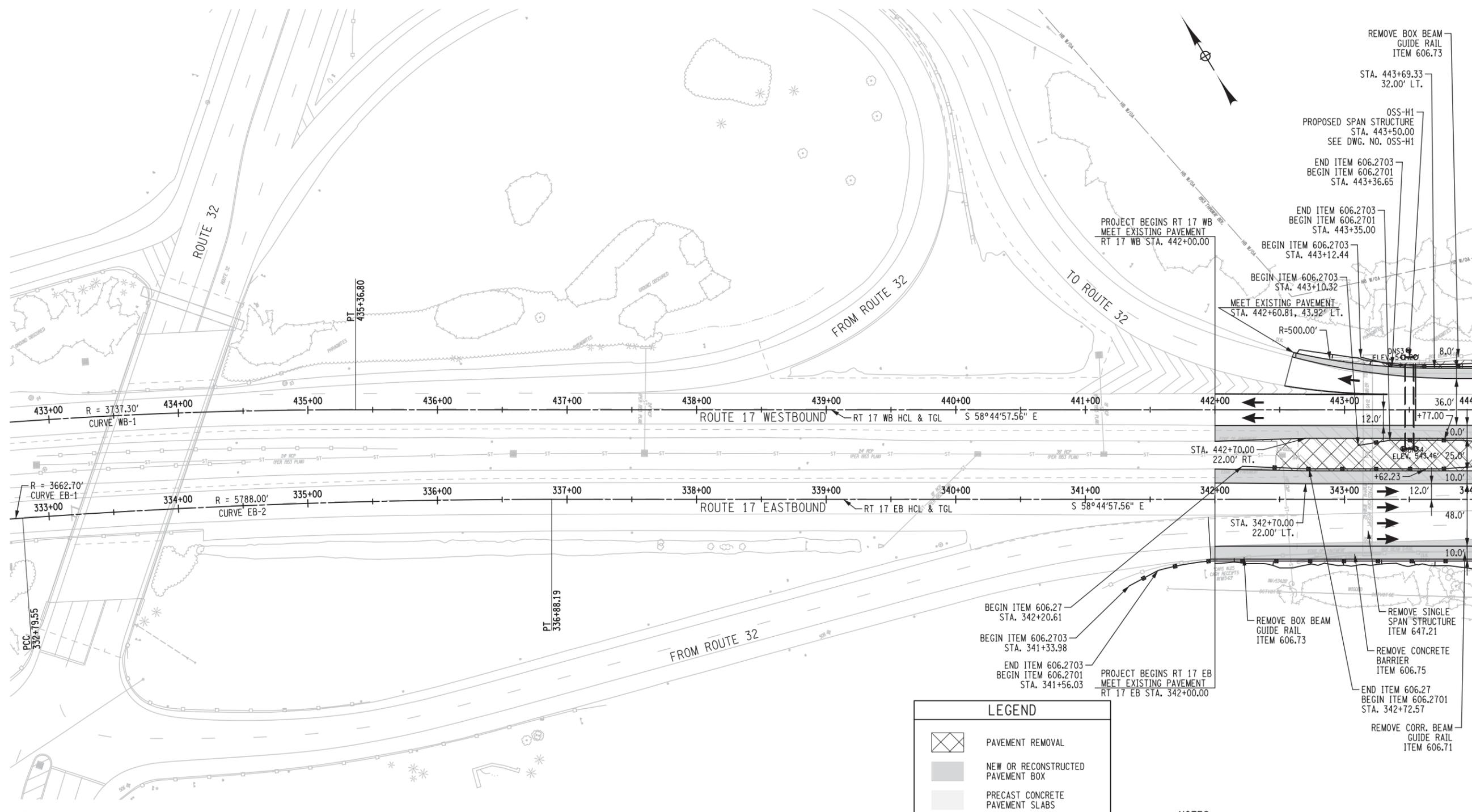
CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**KY-H1**



DESIGN SUPERVISOR: E. KRISTIANSEN  
CHECKED BY: J.P. RAVETIER  
DESIGNED BY: J. ZHANG  
DRAFTED BY: L. WOLFE  
CHECKED BY: J.P. RAVETIER



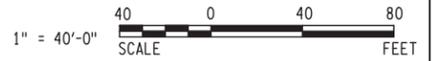
MATCH LINE TO DWG. NO. GP-H2

**LEGEND**

- PAVEMENT REMOVAL
- NEW OR RECONSTRUCTED PAVEMENT BOX
- PRECAST CONCRETE PAVEMENT SLABS

- NOTES:**
1. SEE DWG. NO. MT-H3 FOR LIMITS OF GUIDE RAIL INSTALLATION AND REMOVAL.
  2. SEE DWG. NO. MT-H4 FOR LIMITS OF CONCRETE BARRIER INSTALLATION AND REMOVAL.

CURVE EB-1	CURVE EB-2	CURVE WB-1
P.C. = 327+50.03	P.C.C. = 332+79.55	P.C. = 427+50.00
P.C.C. = 332+79.55	P.T. = 336+88.19	P.T. = 435+36.80
R = 3662.70'	R = 5788.00'	R = 3737.30'
L = 529.52'	L = 408.64'	L = 786.80'
Δ = 8°17'00.10"	Δ = 4°02'42.68"	Δ = 12°03'44.27"



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SIGNATURE:	SIGNATURE:
STAMP:	STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT:  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT:  
**ORANGE COUNTY**

TITLE OF DRAWING:  
**HARRIMAN TOLL PLAZA GENERAL PLAN**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**GP-H1**

CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

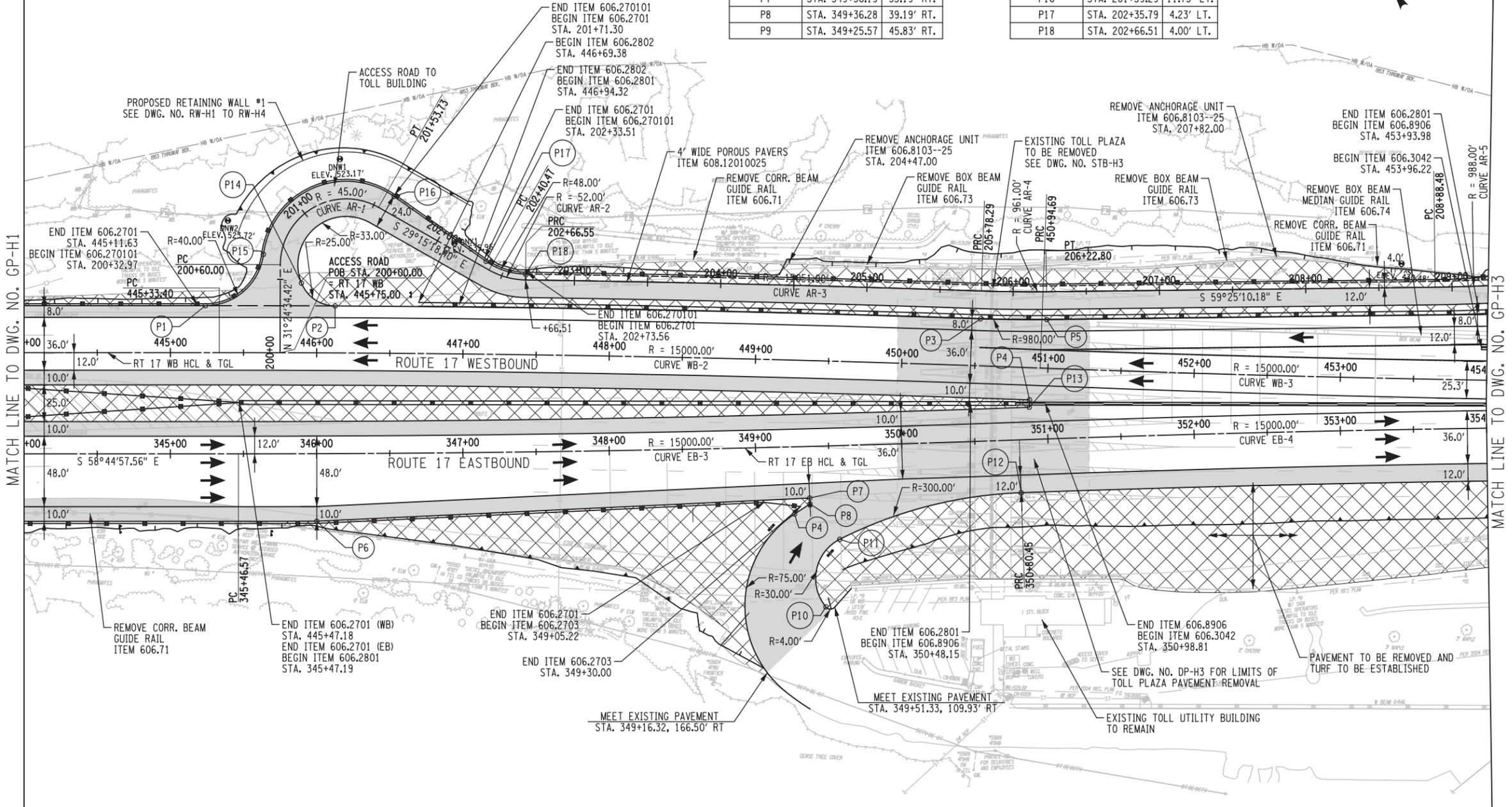
CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN

POINT NUMBER	STATION	OFFSET
P1	STA. 445+23.93	32.00' LT.
P2	STA. 446+12.46	32.00' LT.
P3	STA. 450+52.71	32.00' LT.
P4	STA. 450+88.24	22.00' RT.
P5	STA. 450+98.00	33.12' LT.
P6	STA. 346+00.22	46.00' RT.
P7	STA. 349+36.19	35.19' RT.
P8	STA. 349+36.28	39.19' RT.
P9	STA. 349+25.57	45.83' RT.

POINT NUMBER	STATION	OFFSET
P10	STA. 349+45.26	109.61' RT.
P11	STA. 349+55.96	63.81' RT.
P12	STA. 350+80.45	36.00' RT.
P13	STA. 350+88.04	22.00' LT.
P14	STA. 200+47.43	14.49' RT.
P15	STA. 200+65.54	12.00' LT.
P16	STA. 201+59.29	11.73' LT.
P17	STA. 202+35.79	4.23' LT.
P18	STA. 202+66.51	4.00' LT.



MATCH LINE TO DWG. NO. GP-H1

MATCH LINE TO DWG. NO. GP-H3

CURVE EB-3	CURVE EB-4	CURVE WB-2	CURVE WB-3	CURVE AR-1	CURVE AR-2	CURVE AR-3	CURVE AR-4	CURVE AR-5
P.C. = 345+46.57	P.R.C. = 350+80.45	P.C. = 445+33.40	P.R.C. = 450+94.69	P.C. = 200+60.00	P.C. = 202+40.47	P.R.C. = 202+66.55	P.R.C. = 205+78.29	P.C. = 208+88.49
P.T. = 350+80.45	P.T. = 356+14.33	P.R.C. = 445+33.40	P.T. = 456+55.97	P.T. = 201+53.73	P.R.C. = 202+66.55	P.R.C. = 205+78.29	P.T. = 206+22.80	P.T. = 209+59.03
R = 15000.00'	R = 15000.00'	R = 15000.00'	R = 15000.00'	R = 45.00'	R = 52.00'	R = 15051.00'	R = 961.00'	R = 988.00'
L = 533.88'	L = 533.88'	L = 561.28'	L = 561.28'	L = 93.73'	L = 26.08'	L = 311.74'	L = 44.51'	L = 70.55'
$\Delta = 2^{\circ}02'21.44''$	$\Delta = 2^{\circ}02'21.41''$	$\Delta = 2^{\circ}08'38.17''$	$\Delta = 2^{\circ}08'38.17''$	$\Delta = 119^{\circ}20'07.18''$	$\Delta = 28^{\circ}44'07.35''$	$\Delta = 1^{\circ}11'12.17''$	$\Delta = 2^{\circ}39'13.64''$	$\Delta = 4^{\circ}05'28.44''$

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ALTERED ON:	AFFIXED ON:
SIGNATURE:	SIGNATURE:
STAMP:	STAMP:

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

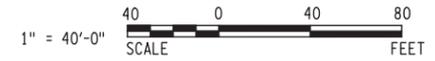


NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**HNTB** HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN TOLL PLAZA GENERAL PLAN

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: GP-H2



XXX  
XXX

CHECKED BY: J.P. RAVETIER

DRAWN BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

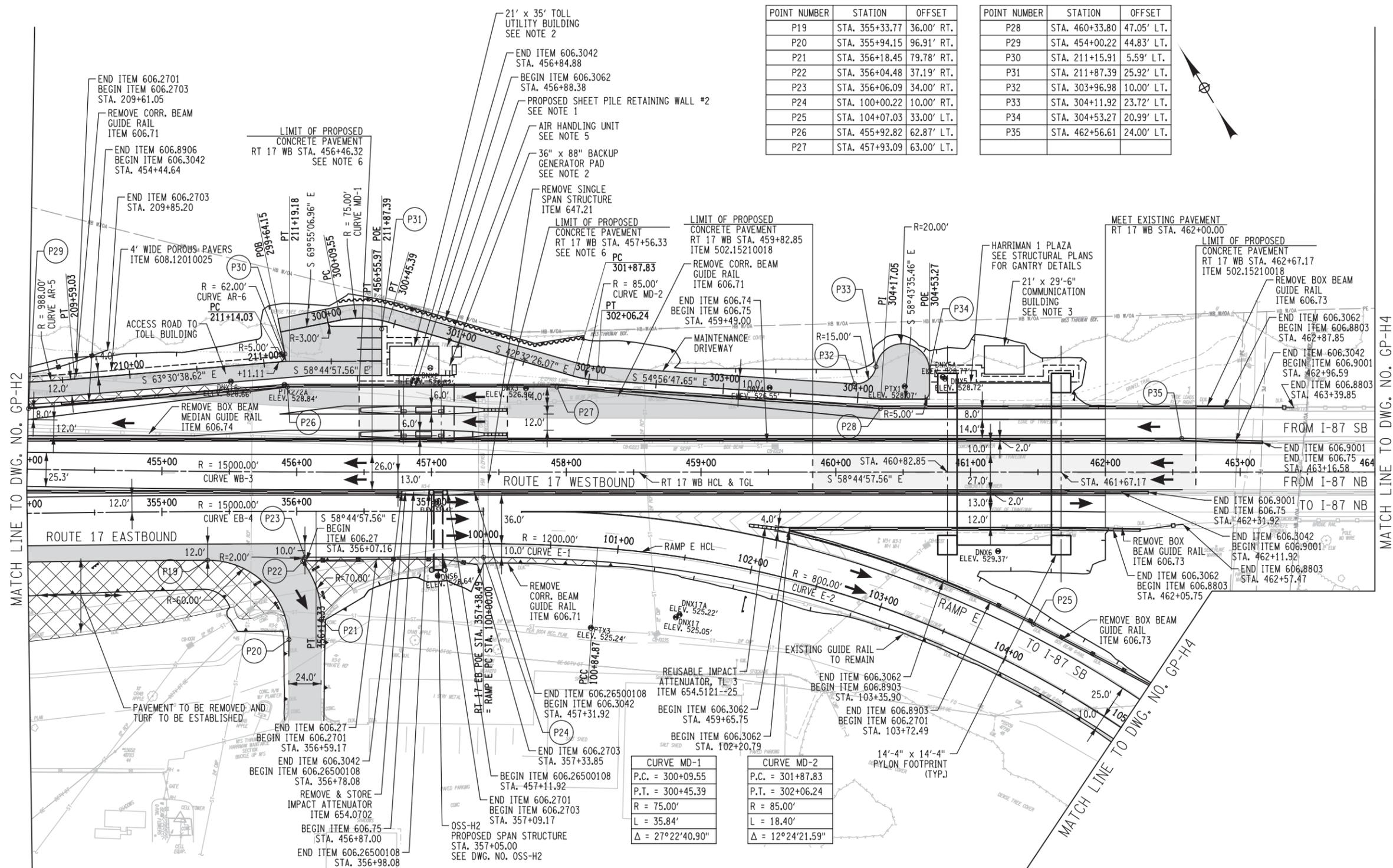
DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN

XXX  
XXX

POINT NUMBER	STATION	OFFSET
P19	STA. 355+33.77	36.00' RT.
P20	STA. 355+94.15	96.91' RT.
P21	STA. 356+18.45	79.78' RT.
P22	STA. 356+04.48	37.19' RT.
P23	STA. 356+06.09	34.00' RT.
P24	STA. 100+00.22	10.00' RT.
P25	STA. 104+07.03	33.00' LT.
P26	STA. 455+92.82	62.87' LT.
P27	STA. 457+93.09	63.00' LT.

POINT NUMBER	STATION	OFFSET
P28	STA. 460+33.80	47.05' LT.
P29	STA. 454+00.22	44.83' LT.
P30	STA. 211+15.91	5.59' LT.
P31	STA. 211+87.39	25.92' LT.
P32	STA. 303+96.98	10.00' LT.
P33	STA. 304+11.92	23.72' LT.
P34	STA. 304+53.27	20.99' LT.
P35	STA. 462+56.61	24.00' LT.



MATCH LINE TO DWG. NO. GP-H2

MATCH LINE TO DWG. NO. GP-H4

CURVE EB-4
P.R.C. = 350+80.45
P.T. = 356+14.33
R = 15000.00'
L = 533.88'
Δ = 2°02'21.41"

CURVE WB-3
P.R.C. = 450+94.69
P.T. = 456+55.97
R = 15000.00'
L = 561.28'
Δ = 2°08'38.17"

CURVE E-1
P.C. = 100+00.00
P.C.C. = 100+84.87
R = 1200.00'
L = 84.87'
Δ = 4°03'08.16"

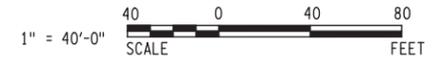
CURVE E-2
P.C.C. = 100+84.87
P.C.C. = 108+14.63
R = 800.00'
L = 729.76'
Δ = 52°15'55.43"

CURVE AR-5
P.C. = 208+88.49
P.T. = 209+59.03
R = 988.00'
L = 70.55'
Δ = 4°05'28.44"

CURVE AR-6
P.C. = 211+14.03
P.T. = 211+19.18
R = 62.00'
L = 5.15'
Δ = 4°45'41.06"

NOTES:

- SEE DWG. NOS. RW-H1 TO RW-H4 FOR RETAINING WALL DETAILS.
- FOR ADDITIONAL DETAILS OF TOLL UTILITY BUILDING AND GENERATOR PAD, SEE BUILDING PLANS.
- FOR ADDITIONAL DETAILS OF AETC BUILDING, SEE BUILDING PLANS.
- SEE NYSDOT STD. SHEET 606-15 FOR RAMPED TERMINAL DETAILS.
- FOR ADDITIONAL DETAILS OF AIR HANDLING UNIT, SEE MECHANICAL PLANS.
- FOR DETAILS OF PAVEMENT IN TOLL PLAZA AREA, SEE DWG. NO. MD-H2.
- SEE DWG. NO. SP-H1 FOR ADDITIONAL DETAILS OF TOLL UTILITY BUILDING AND COMMUNICATION BUILDING SITES.



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**NEW YORK STATE THRUWAY AUTHORITY**  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: **AETC CONVERSION OF HARRIMAN TOLL PLAZA**  
LOCATION OF PROJECT: **ORANGE COUNTY**  
TITLE OF DRAWING: **HARRIMAN TOLL PLAZA GENERAL PLAN**

CONTRACT NUMBER: **TANY XX-X**  
DATE: **XX/XX/XX**  
DRAWING NUMBER: **GP-H3**



XXX  
XXX

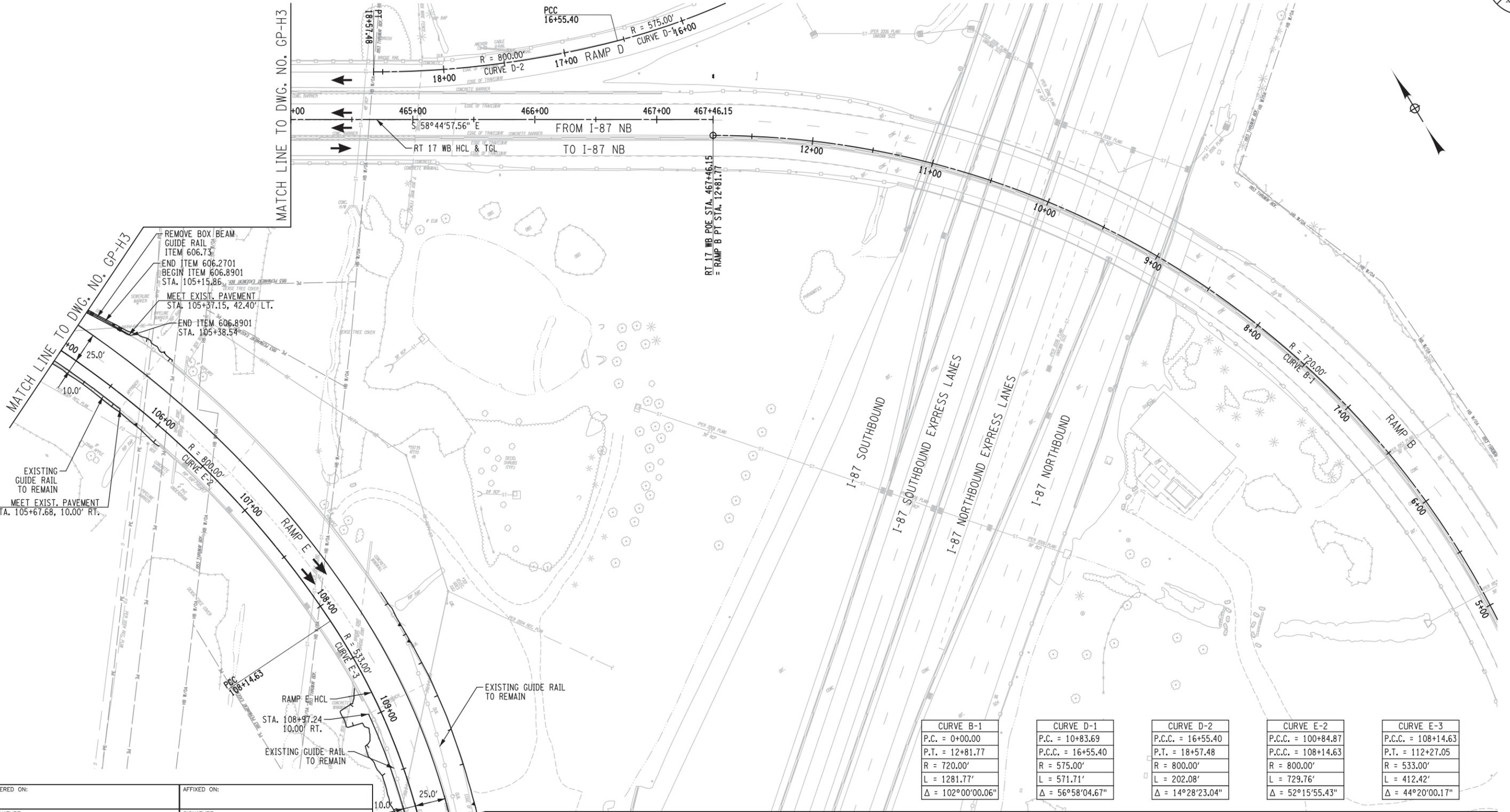
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



MATCH LINE TO DWG. NO. GP-H3

REMOVE BOX BEAM GUIDE RAIL  
ITEM 606.73  
END ITEM 606.2701  
BEGIN ITEM 606.8901  
STA. 105+15.86

MEET EXIST. PAVEMENT  
STA. 105+37.15, 42.40' LT.

END ITEM 606.8901  
STA. 105+38.54

EXISTING GUIDE RAIL TO REMAIN  
MEET EXIST. PAVEMENT  
STA. 105+67.68, 10.00' RT.

10.0'  
25.0'

R = 800.00'  
CURVE E-2

106+00  
107+00  
108+00  
109+00

RAMP E  
RAMP E HCL  
STA. 108+97.24  
10.00' RT.

EXISTING GUIDE RAIL TO REMAIN

P.C. 108+14.63

R = 533.00'  
CURVE E-3

RT 17 WB POE STA. 467+46.15  
= RAMP B PT STA. 12+81.77

CURVE B-1	CURVE D-1	CURVE D-2	CURVE E-2	CURVE E-3
P.C. = 0+00.00	P.C. = 10+83.69	P.C.C. = 16+55.40	P.C.C. = 100+84.87	P.C.C. = 108+14.63
P.T. = 12+81.77	P.C.C. = 16+55.40	P.T. = 18+57.48	P.C.C. = 108+14.63	P.T. = 112+27.05
R = 720.00'	R = 575.00'	R = 800.00'	R = 800.00'	R = 533.00'
L = 1281.77'	L = 571.71'	L = 202.08'	L = 729.76'	L = 412.42'
$\Delta = 102^{\circ}00'00.06''$	$\Delta = 56^{\circ}58'04.67''$	$\Delta = 14^{\circ}28'23.04''$	$\Delta = 52^{\circ}15'55.43''$	$\Delta = 44^{\circ}20'00.17''$

ALTERED ON: \_\_\_\_\_ AFFIXED ON: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

STAMP: \_\_\_\_\_ STAMP: \_\_\_\_\_

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200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**HNTB** HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT  
**ORANGE COUNTY**

TITLE OF DRAWING  
**HARRIMAN TOLL PLAZA GENERAL PLAN**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**GP-H4**



MATCH LINE TO DWG. NO. GP-H4

CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

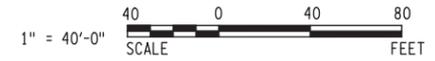
DESIGN SUPERVISOR: E. KRISTIANSEN



MATCH LINE TO DWG. NO. GP-H6

CURVE B-1		CURVE E-3	
P.C. =	0+00.00	P.C.C. =	108+14.63
P.T. =	12+81.77	P.T. =	112+27.05
R =	720.00'	R =	533.00'
L =	1281.77'	L =	412.42'
Δ =	102°00'00.06"	Δ =	44°20'00.17"

- NOTES:**
- FOR ADDITIONAL DETAILS OF COMMUNICATION BUILDING, SEE COMMUNICATION BUILDING PLANS.
  - SEE NYS DOT STD. SHEET 606-15 FOR RAMPED TERMINAL DETAILS.
  - SEE DWG. NO. SP-H2 FOR ADDITIONAL DETAILS OF COMMUNICATION BUILDING SITE.



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200 SOUTHERN BLVD., ALBANY, N.Y. 12209

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**AETC CONVERSION OF  
HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT  
**ORANGE COUNTY**

TITLE OF DRAWING  
**HARRIMAN TOLL PLAZA  
GENERAL PLAN**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**GP-H5**

CHECKED BY: J.P. RAVETIER

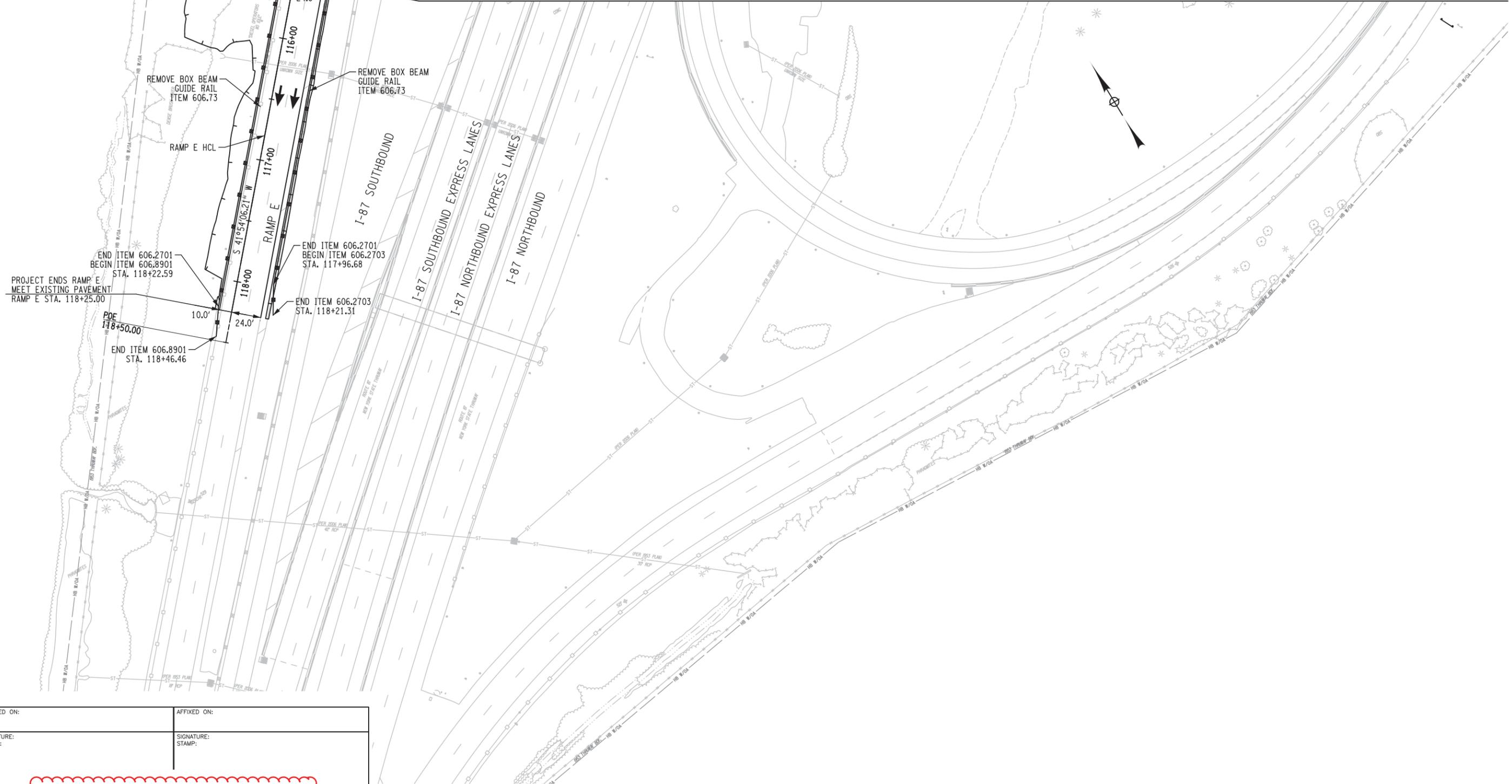
DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN

MATCH LINE TO DWG. NO. GP-H5



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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TITLE OF PROJECT  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

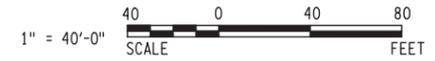
LOCATION OF PROJECT  
**ORANGE COUNTY**

TITLE OF DRAWING  
**HARRIMAN TOLL PLAZA GENERAL PLAN**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**GP-H6**



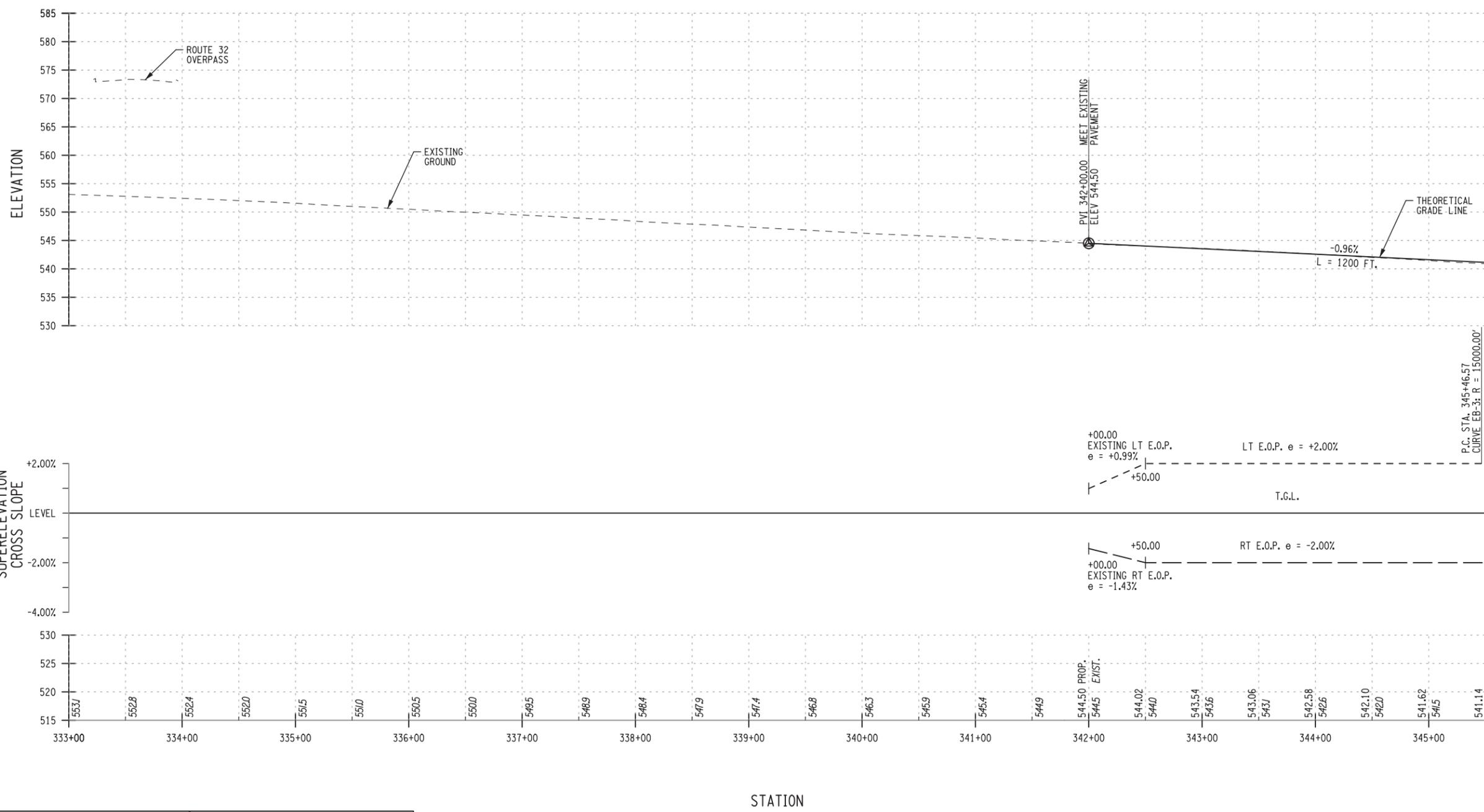
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN

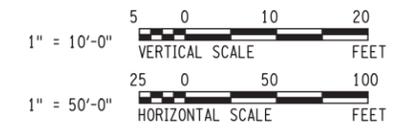


MATCH LINE STA. 345+50, DWG. PR-H2

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

STATION  
**ROUTE 17 EASTBOUND PROFILE**



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**HNTB** HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN TOLL PLAZA ROUTE 17 EASTBOUND PROFILE

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: PR-H1

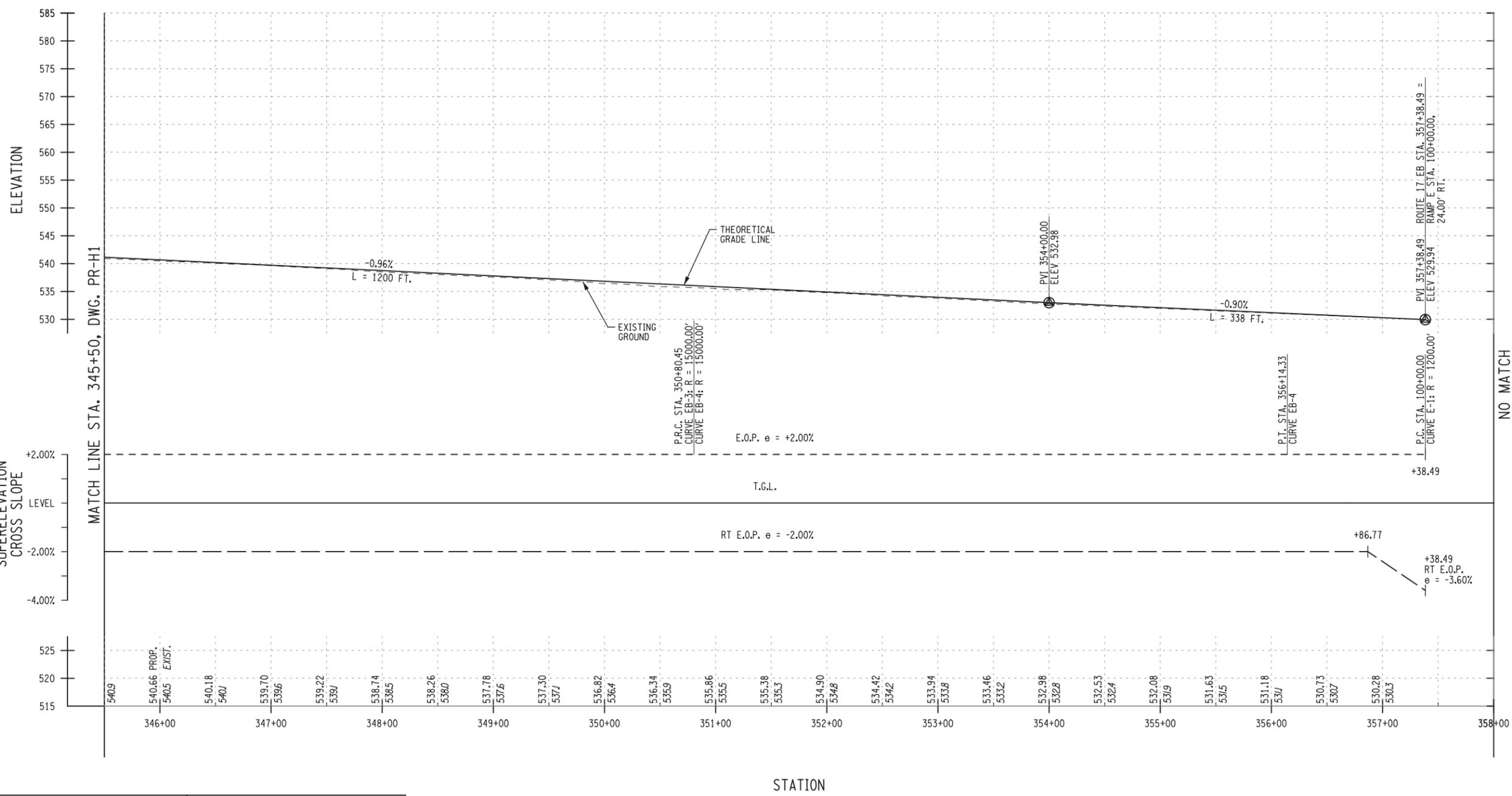
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**NEW YORK STATE THRUWAY AUTHORITY**  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**HNTB** HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT: **AETC CONVERSION OF HARRIMAN TOLL PLAZA**

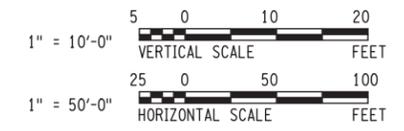
LOCATION OF PROJECT: **ORANGE COUNTY**

TITLE OF DRAWING: **HARRIMAN TOLL PLAZA ROUTE 17 EASTBOUND PROFILE**

CONTRACT NUMBER: **TANY XX-X**

DATE: **XX/XX/XX**

DRAWING NUMBER: **PR-H2**



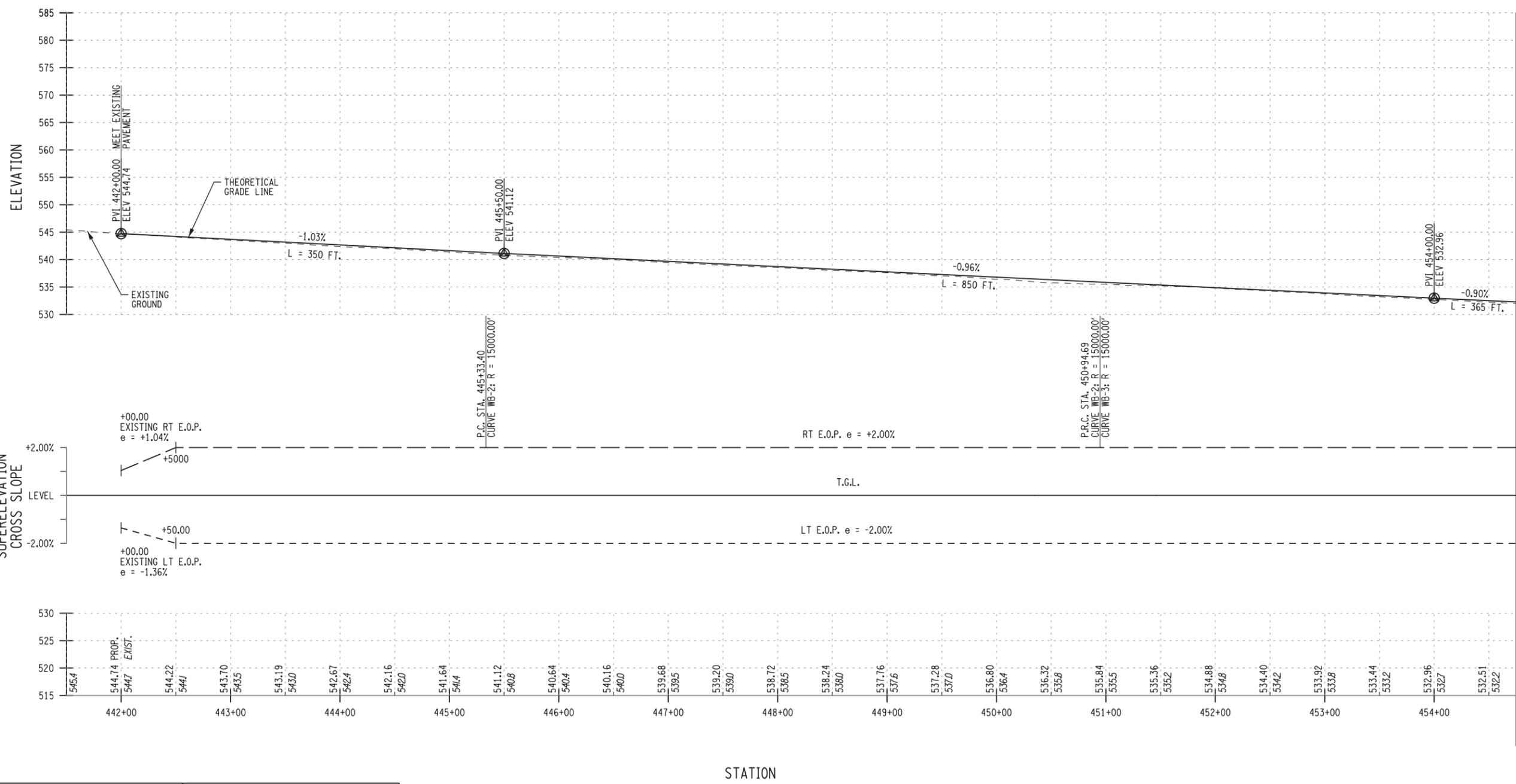
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



MATCH LINE STA. 454+75, DWG. PR-H4

ROUTE 17 WESTBOUND PROFILE

ALTERED ON: \_\_\_\_\_ AFFIXED ON: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ STAMP: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_ STAMP: \_\_\_\_\_

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**HNTB** HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT  
AETC CONVERSION OF HARRIMAN TOLL PLAZA

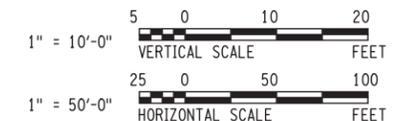
LOCATION OF PROJECT  
ORANGE COUNTY

TITLE OF DRAWING  
HARRIMAN TOLL PLAZA ROUTE 17 WESTBOUND PROFILE

CONTRACT NUMBER:  
TANY XX-X

DATE:  
XX/XX/XX

DRAWING NUMBER:  
PR-H3



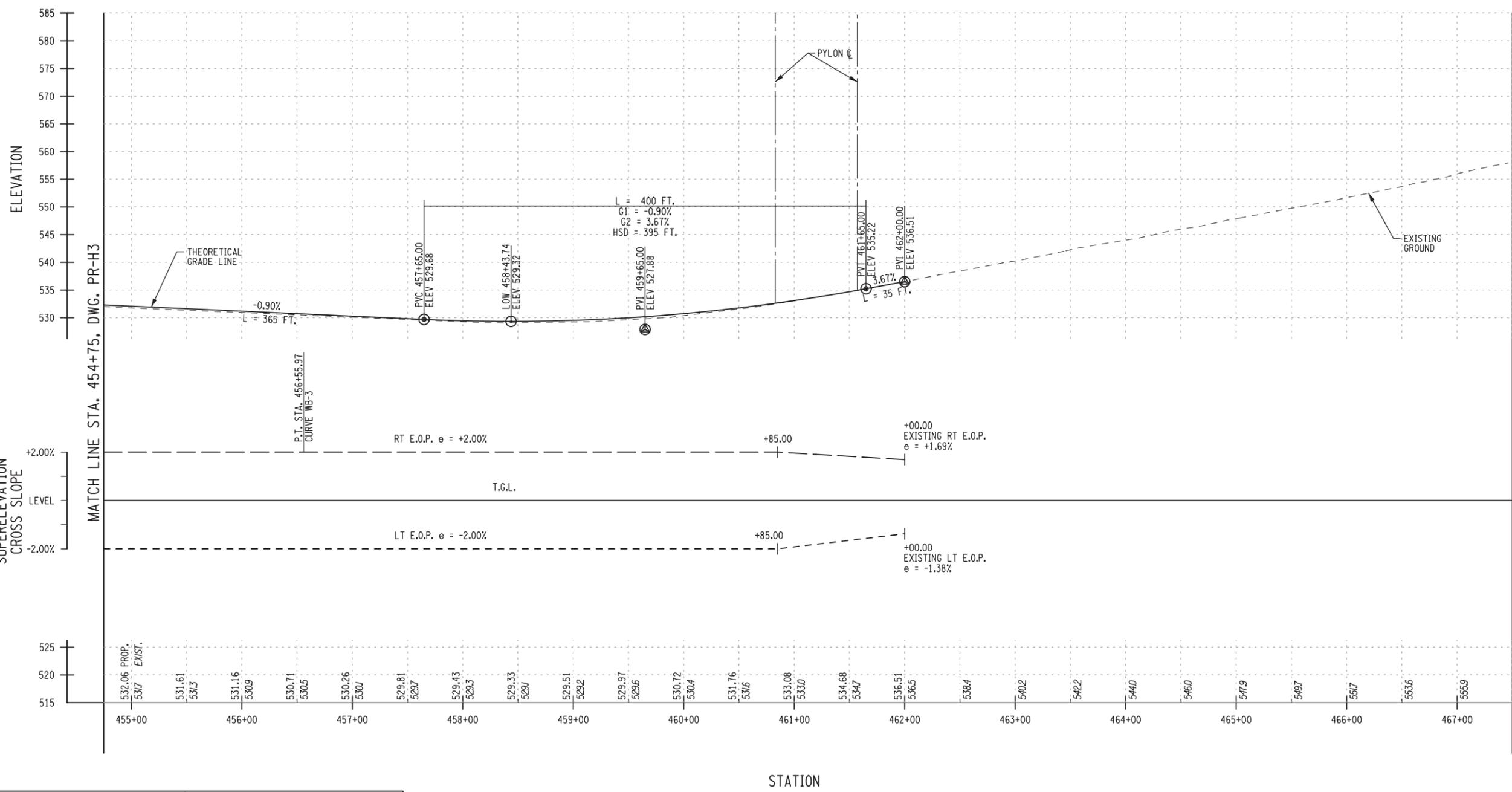
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



NO MATCH

ROUTE 17 WESTBOUND PROFILE

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT  
**AETC CONVERSION OF  
HARRIMAN TOLL PLAZA**

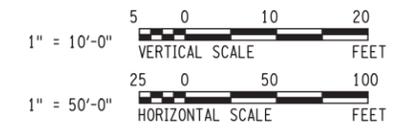
LOCATION OF PROJECT  
**ORANGE COUNTY**

TITLE OF DRAWING  
**HARRIMAN TOLL PLAZA  
ROUTE 17 WESTBOUND PROFILE**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**PR-H4**



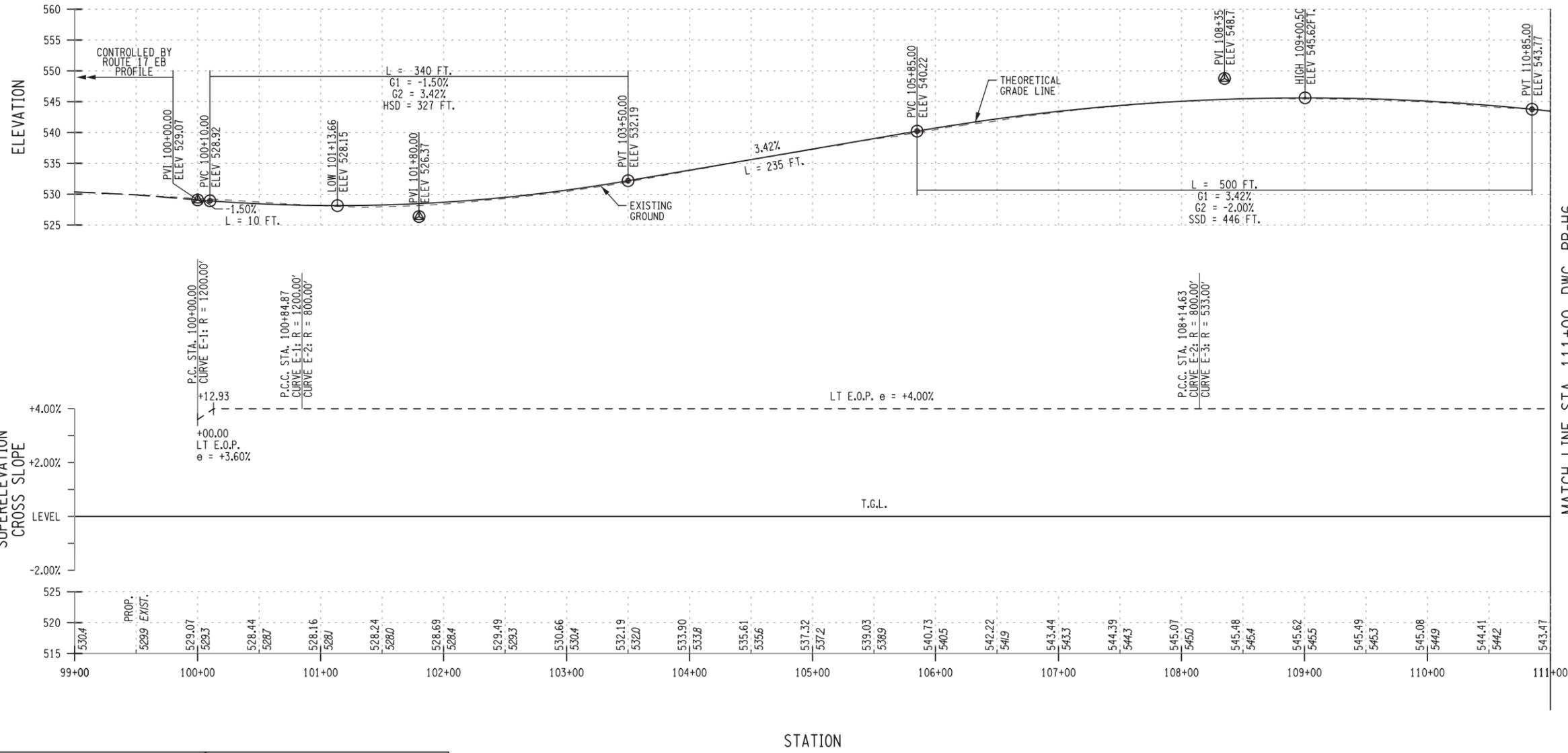
CHECKED BY: J.P. RAVETIER

DRAWN BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



MATCH LINE STA. 111+00, DWG. PR-H6

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

STATION  
**RAMP E PROFILE**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**HNTB** HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

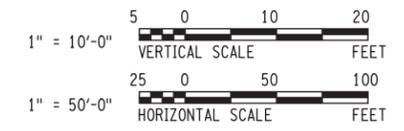
LOCATION OF PROJECT  
**ORANGE COUNTY**

TITLE OF DRAWING  
**HARRIMAN TOLL PLAZA RAMP E PROFILE**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**PR-H5**



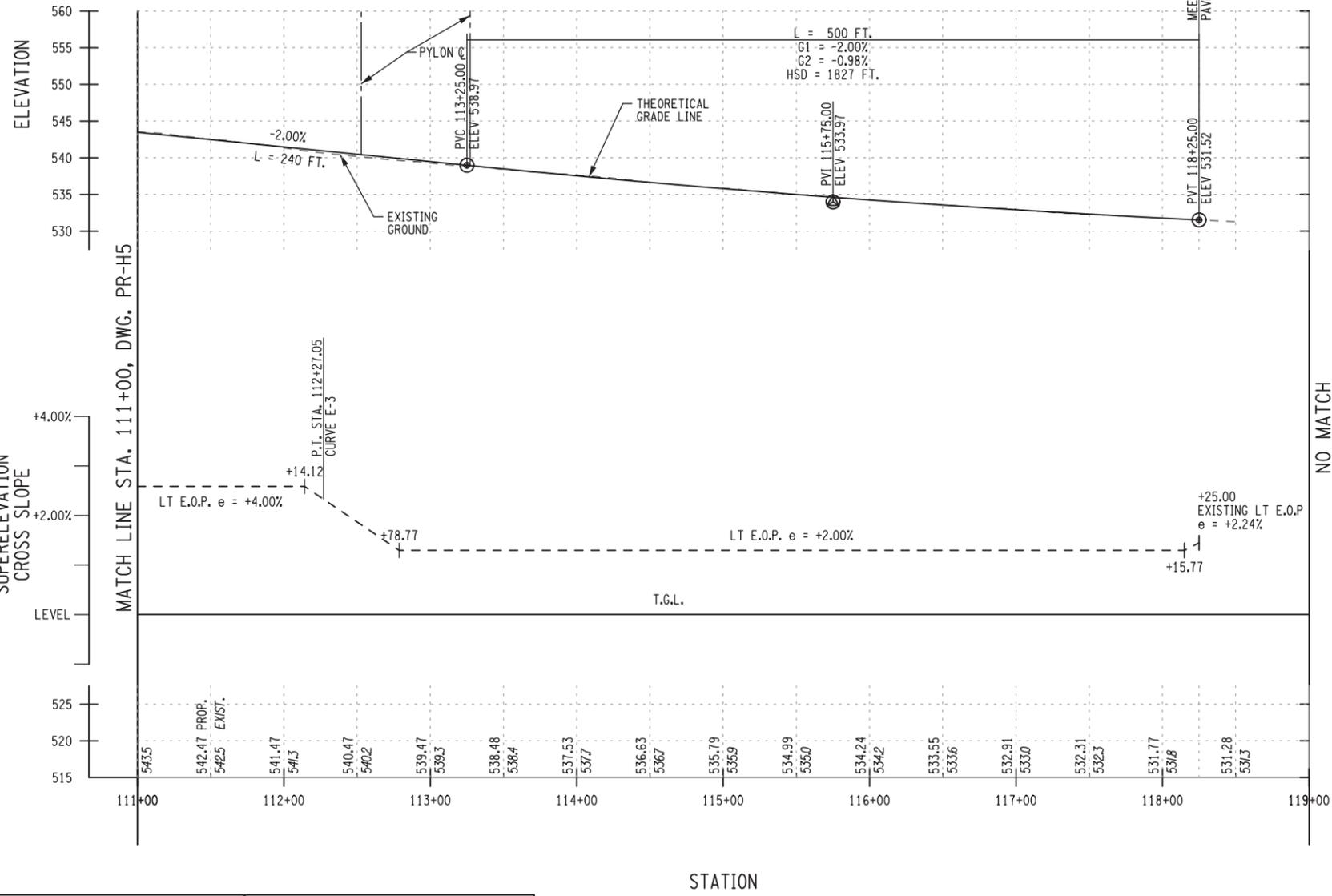
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



RAMP E PROFILE

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

ALTERED ON: \_\_\_\_\_ AFFIXED ON: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ STAMP: \_\_\_\_\_

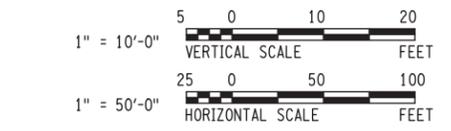
IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**HNTB** HNTB NY ENGINEERING & ARCHITECTURE, P.C.



TITLE OF PROJECT AETC CONVERSION OF HARRIMAN TOLL PLAZA	CONTRACT NUMBER: TANY XX-X
LOCATION OF PROJECT ORANGE COUNTY	DATE: XX/XX/XX
TITLE OF DRAWING HARRIMAN TOLL PLAZA RAMP E PROFILE	DRAWING NUMBER: PR-H6

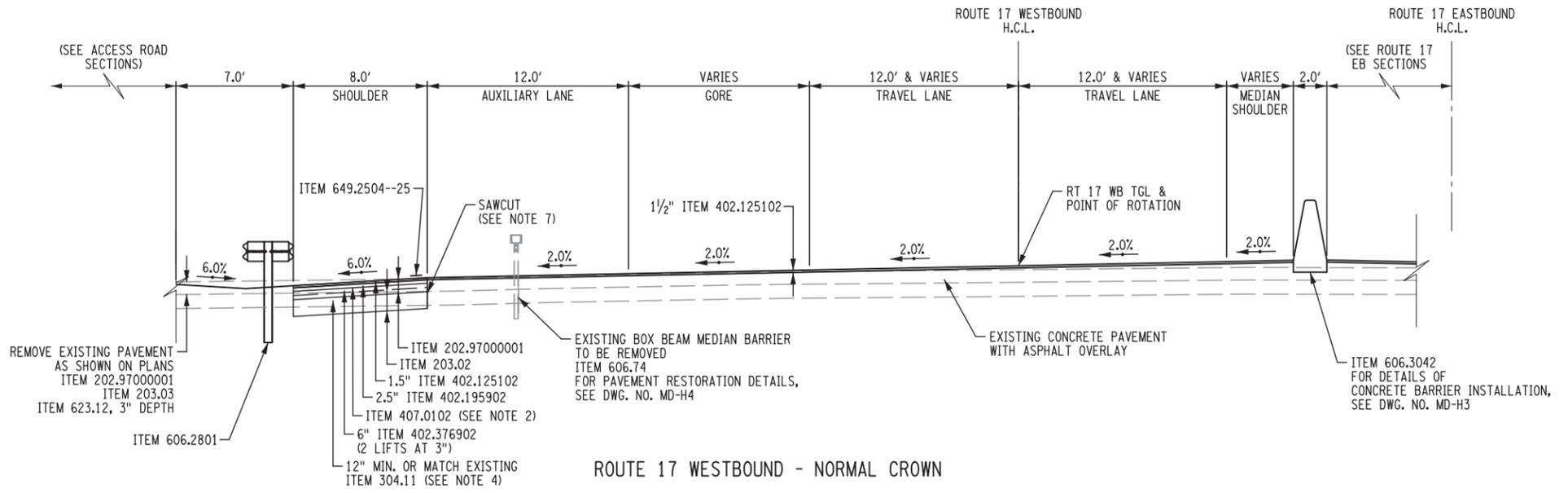
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

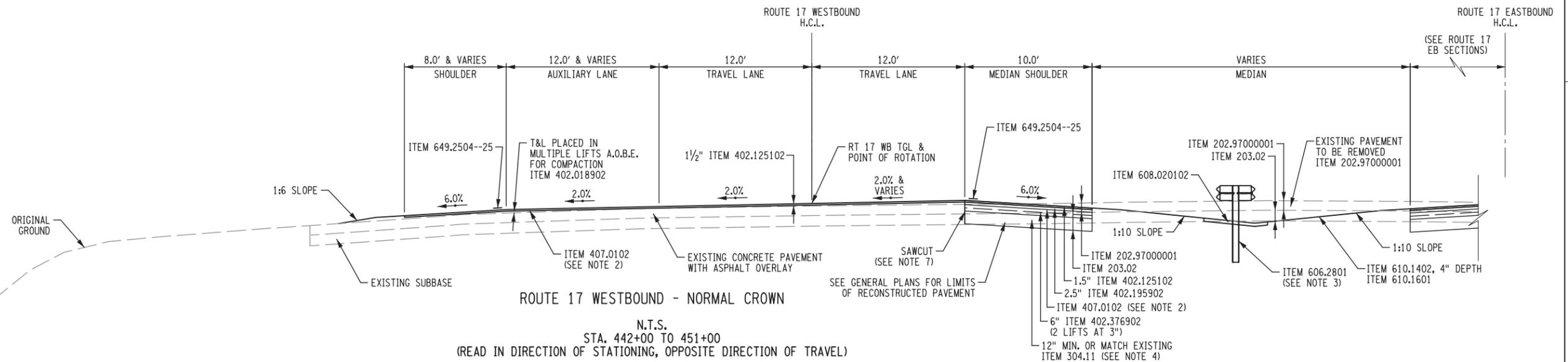
CHECKED BY: J.P. RAVETIER

DESIGNED BY: E. KRISTIANSEN

DESIGN SUPERVISOR: E. KRISTIANSEN



ROUTE 17 WESTBOUND - NORMAL CROWN  
N.T.S.  
STA. 451+00 TO 454+00  
(READ IN DIRECTION OF STATIONING, OPPOSITE DIRECTION OF TRAVEL)



ROUTE 17 WESTBOUND - NORMAL CROWN  
N.T.S.  
STA. 442+00 TO 451+00  
(READ IN DIRECTION OF STATIONING, OPPOSITE DIRECTION OF TRAVEL)

ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:
202.97000001	PAVEMENT REMOVAL	SY	407.0102	DILUTED TACK COAT	GAL	1. SHOULDER SLOPE SHALL NOT BE LESS THAN 2.0% OR EXCEED 6.0%. USE ROLLOVER OF 8.0% MAX. AT PAVT/SHOULDER JOINT. 2. ITEM 407.0102 SHALL BE PLACED BETWEEN ALL PAVEMENT COURSES AND ON VERTICAL PAVT FACES IN CONTACT WITH HMA. 3. SEE DWG. NO. MT-H3 FOR GUIDE RAIL TYPES AND LOCATIONS. 4. SUBBASE SLOPE IS SAME AS PAVT UNLESS SHOWN OTHERWISE. 5. SEE DWG. NO. MT-H5 FOR UNDERDRAIN LOCATIONS. 6. SEE DWG. NO. MT-H4 FOR MEDIAN BARRIER TYPES & LOCATIONS. 7. SAWCUTTING SHALL BE PAID FOR UNDER ITEM 202.97000001. 8. FOR FULL DEPTH PAVEMENT REPLACEMENT BETWEEN STA.450+00 AND STA.451+30 SEE TOLL PLAZA SECTION ON DWG. NO. TS-H5.
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	606.2801	HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF	
203.03	EMBANKMENT IN PLACE	CY	606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF	
304.11	SUBBASE COURSE, TYPE I	CY	606.74	REMOVING AND DISPOSING BOX BEAM MEDIAN BARRIER	LF	
402.018902	TRUE & LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION	TON	608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON	
402.125102	12.5 F1 TOP COURSE HMA, 50 SERIES COMPACTION	TON	610.1402	TOPSOIL - ROADSIDE	CY	
402.195902	19 F9 BINDER COURSE HMA, 50 SERIES COMPACTION	TON	610.1601	TURF ESTABLISHMENT - ROADSIDE	SY	
402.376902	37.5 F9 BASE COURSE HMA, 60 SERIES COMPACTION	TON	623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY	
			649.2504--25	SHOULDER TREATMENT FOR ACCIDENT REDUCTION (STAR) (ASPHALT)	LF	

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN TOLL PLAZA TYPICAL SECTIONS

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: TS-H1

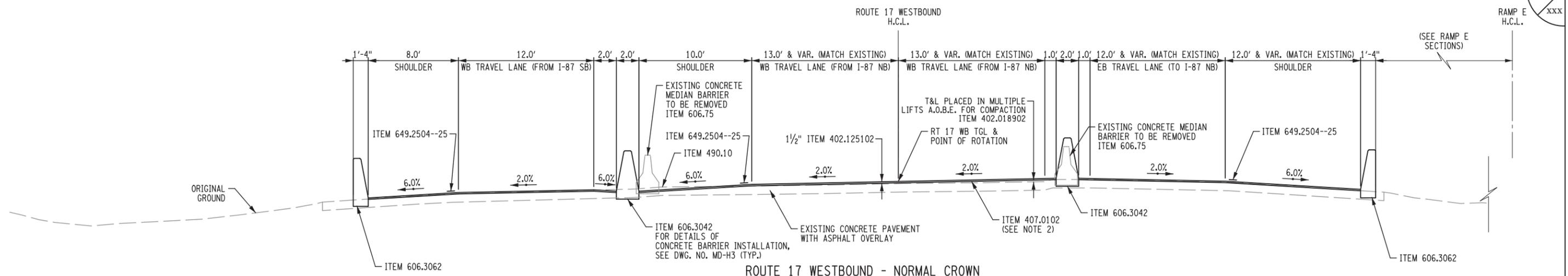
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

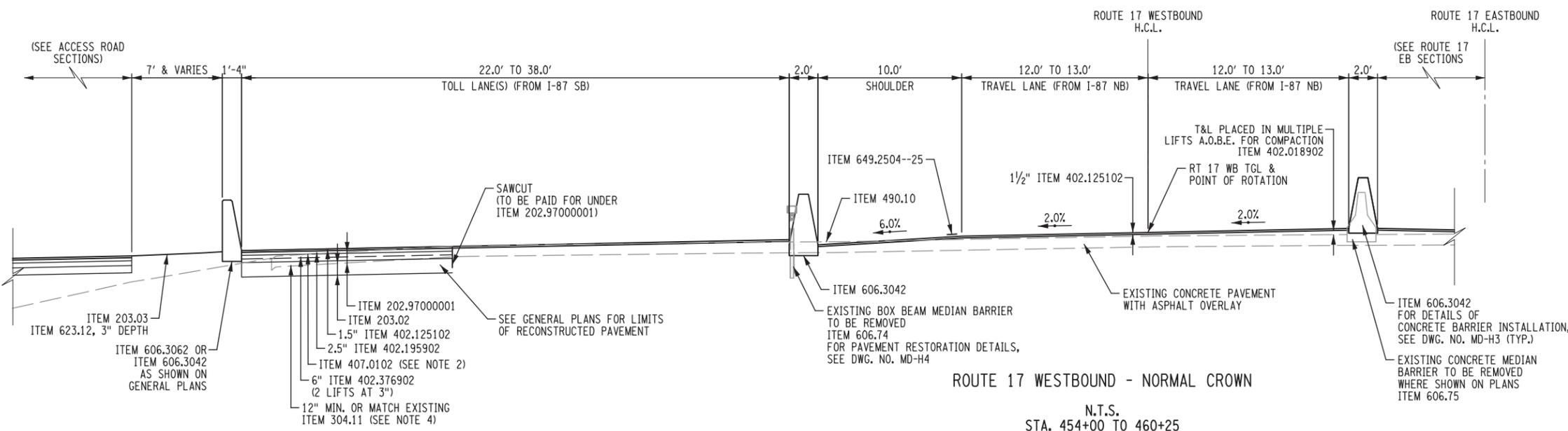
CHECKED BY: J.P. RAVETIER

DESIGNED BY: E. KRISTIANSEN

DESIGN SUPERVISOR: E. KRISTIANSEN



ROUTE 17 WESTBOUND - NORMAL CROWN  
 N.T.S.  
 STA. 460+25 TO 463+25  
 (READ IN DIRECTION OF STATIONING, OPPOSITE DIRECTION OF TRAVEL)



ROUTE 17 WESTBOUND - NORMAL CROWN  
 N.T.S.  
 STA. 454+00 TO 460+25  
 (READ IN DIRECTION OF STATIONING, OPPOSITE DIRECTION OF TRAVEL)

ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:
202.97000001	PAVEMENT REMOVAL	SY	407.0102	DILUTED TACK COAT	GAL	1. SHOULDER SLOPE SHALL NOT BE LESS THAN 2.0% OR EXCEED 6.0%. USE ROLLOVER OF 8.0% MAX. AT PAVT/SHOULDER JOINT. 2. ITEM 407.0102 SHALL BE PLACED BETWEEN ALL PAVEMENT COURSES AND ON VERTICAL PAVT FACES IN CONTACT WITH HMA. 3. SEE DWG. NO. MT-H3 FOR GUIDE RAIL TYPES AND LOCATIONS. 4. SUBBASE SLOPE IS SAME AS PAVT UNLESS SHOWN OTHERWISE. 5. SEE DWG. NO. MT-H5 FOR UNDERDRAIN LOCATIONS. 6. SEE DWG. NO. MT-H4 FOR MEDIAN BARRIER TYPES & LOCATIONS. 7. SEE NYS DOT STANDARD SHEET 606-42 FOR MEDIAN BARRIER TRANSITION DETAILS. 8. FOR FULL DEPTH PAVEMENT REPLACEMENT BETWEEN STA. 459+82.85 AND STA. 462+67.17, SEE GANTRY TRAVEL LANE SECTION ON DWG. NO. TS-H5. 9. FOR SECTION THROUGH NEW HARRIMAN TOLL PLAZA, SEE ARCHITECTURAL DRAWINGS.
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY	
203.03	EMBANKMENT IN PLACE	CY	606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF	
304.11	SUBBASE COURSE, TYPE I	CY	606.3062	SINGLE-SLOPE CONCRETE HALF SECTION BARRIER (PRECAST)	LF	
402.018102	TRUE & LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION	TON	606.74	REMOVING AND DISPOSING BOX BEAM MEDIAN BARRIER	LF	
402.125102	12.5 F1 TOP COURSE HMA, 50 SERIES COMPACTION	TON	606.75	REMOVING AND DISPOSING CONCRETE BARRIER	LF	
402.195902	19 F9 BINDER COURSE HMA, 50 SERIES COMPACTION	TON	623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY	
402.376902	37.5 F9 BASE COURSE HMA, 60 SERIES COMPACTION	TON	649.2504--25	SHOULDER TREATMENT FOR ACCIDENT REDUCTION (STAR) (ASPHALT)	LF	

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
 DEPARTMENT OF ENGINEERING  
 200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
 LOCATION OF PROJECT: ORANGE COUNTY  
 TITLE OF DRAWING: HARRIMAN TOLL PLAZA TYPICAL SECTIONS

CONTRACT NUMBER: TANY XX-X  
 DATE: XX/XX/XX  
 DRAWING NUMBER: TS-H2

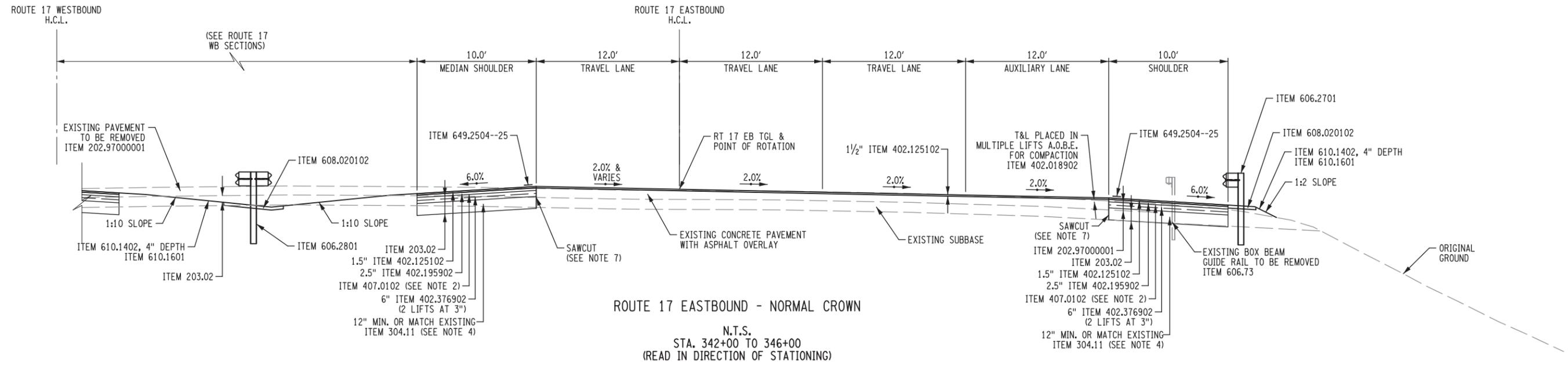
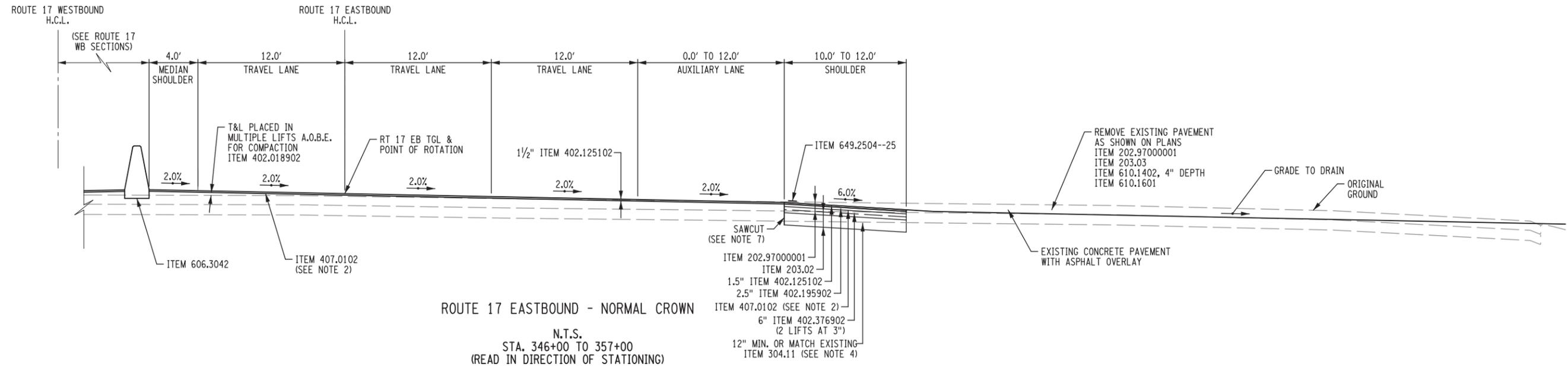
CHECKED BY: J.P. RAVETIER

DRAWN BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: E. KRISTIANSEN

DESIGN SUPERVISOR: E. KRISTIANSEN



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT
202.97000001	PAVEMENT REMOVAL	SY	407.0102	DILUTED TACK COAT	GAL
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	LF
203.03	EMBANKMENT IN PLACE	CY	606.2801	HPBO (MOD.) CORRUGATED BEAM MEDIAN BARRIER	LF
304.11	SUBBASE COURSE, TYPE I	CY	606.3042	SINGLE-SLOPE CONCRETE MEDIAN BARRIER (PRECAST)	LF
402.018902	TRUE & LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION	TON	606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF
402.125102	12.5 F1 TOP COURSE HMA, 50 SERIES COMPACTION	TON	608.020102	HOT MIX ASPHALT (HMA) VEGETATION CONTROL STRIPS	TON
402.195902	19 F9 BINDER COURSE HMA, 50 SERIES COMPACTION	TON	610.1402	TOPSOIL - ROADSIDE	CY
402.376902	37.5 F9 BASE COURSE HMA, 60 SERIES COMPACTION	TON	610.1601	TURF ESTABLISHMENT - ROADSIDE	SY
			649.2504--25	SHOULDER TREATMENT FOR ACCIDENT REDUCTION (STAR) (ASPHALT)	LF

NOTES:
1. SHOULDER SLOPE SHALL NOT BE LESS THAN 2.0% OR EXCEED 6.0%. USE ROLLOVER OF 8.0% MAX. AT PAVT/SHOULDER JOINT.
2. ITEM 407.0102 SHALL BE PLACED BETWEEN ALL PAVEMENT COURSES AND ON VERTICAL PAVT FACES IN CONTACT WITH HMA.
3. SEE DWG. NO. MT-H3 FOR GUIDE RAIL TYPES AND LOCATIONS.
4. SUBBASE SLOPE IS SAME AS PAVT UNLESS SHOWN OTHERWISE.
5. SEE DWG. NO. MT-H4 FOR UNDERDRAIN LOCATIONS.
6. SEE DWG. NO. MT-H4 FOR MEDIAN BARRIER TYPES & LOCATIONS.
7. SAWCUTTING SHALL BE PAID FOR UNDER ITEM 202.97000001.

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN TOLL PLAZA TYPICAL SECTIONS

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: TS-H3

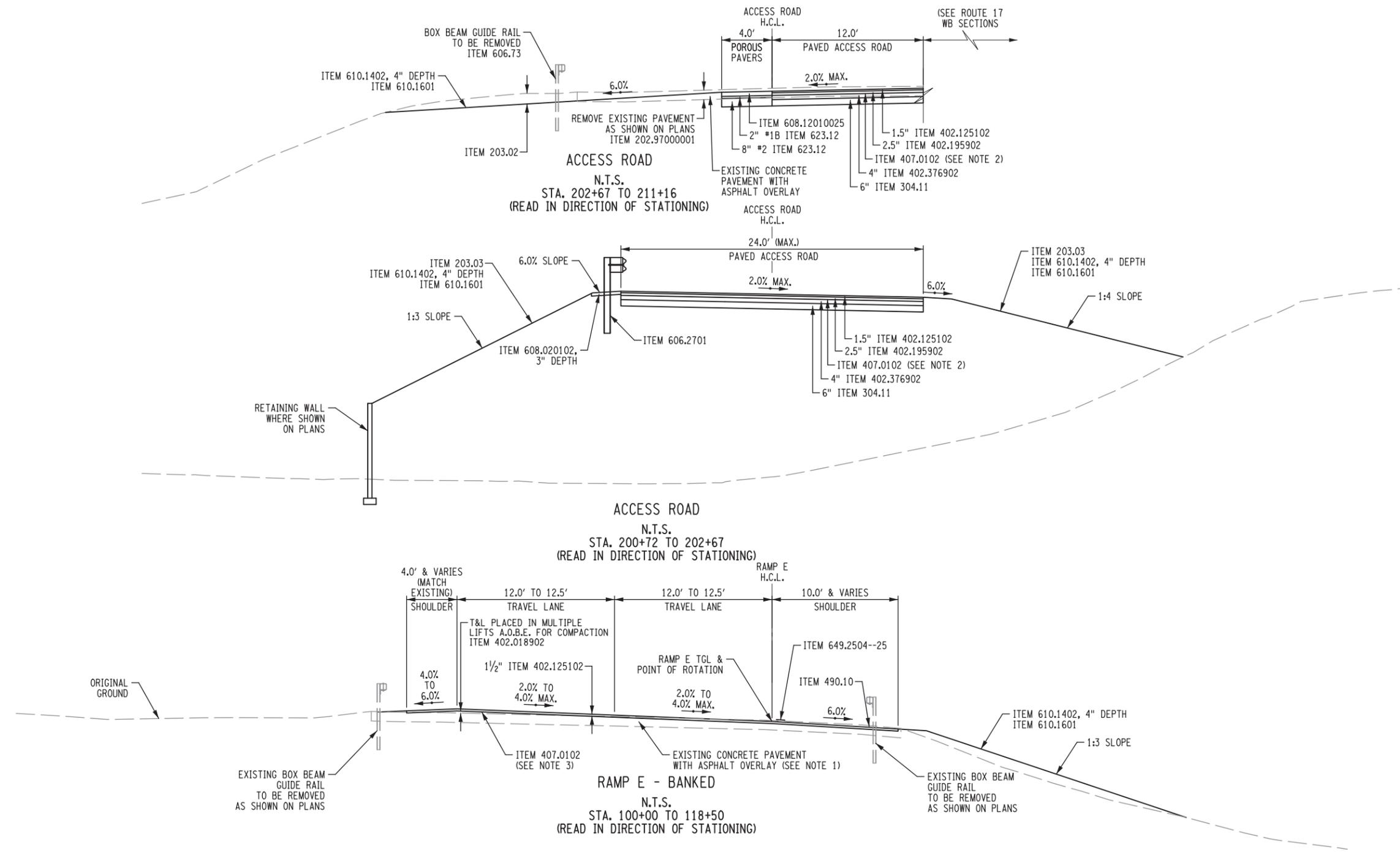
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: E. KRISTIANSEN

DESIGN SUPERVISOR: E. KRISTIANSEN



ITEM	DESCRIPTION	UNIT	ITEM	DESCRIPTION	UNIT	NOTES:
202.97000001	PAVEMENT REMOVAL	SY	407.0102	DILUTED TACK COAT	GAL	1. EXISTING BRIDGE STA. 105+68+/- TO STA. 108+97+/- HAS NO ASPHALT OVERLAY. 2. SHOULDER SLOPE SHALL NOT BE LESS THAN 2.0% OR EXCEED 6.0%. USE ROLLOVER OF 8.0% MAX. AT PAVT/SHOULDER JOINT. 3. ITEM 407.0102 SHALL BE PLACED BETWEEN ALL PAVEMENT COURSES AND ON VERTICAL PAVT FACES IN CONTACT WITH HMA. 4. SEE DWG. NO. MT-H3 FOR GUIDE RAIL TYPES AND LOCATIONS. 5. SUBBASE SLOPE IS SAME AS PAVT UNLESS SHOWN OTHERWISE. 6. SEE DWG. NO. MT-H5 FOR UNDERDRAIN LOCATIONS. 7. SEE DWG. NO. MT-H4 FOR MEDIAN BARRIER TYPES & LOCATIONS. 8. SAWCUTTING SHALL BE PAID FOR UNDER ITEM 202.97000001.
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	490.10	PRODUCTION COLD MILLING OF BITUMINOUS CONCRETE	SY	
203.03	EMBANKMENT IN PLACE	CY	606.2701	HPBO (MOD.) CORRUGATED BEAM GUIDE RAILING	KF	
304.11	SUBBASE COURSE, TYPE 1	CY	606.73	REMOVING AND DISPOSING BOX BEAM GUIDE RAILING	LF	
402.018902	TRUE & LEVELING F9, SUPERPAVE HMA, 80 SERIES COMPACTION	TON	608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON	
402.125102	12.5 F1 TOP COURSE HMA, 50 SERIES COMPACTION	TON	608.12010025	POROUS CONCRETE BLOCK PAVERS	SY	
402.195902	19 F9 BINDER COURSE HMA, 50 SERIES COMPACTION	TON	610.1402	TOPSOIL - ROADSIDE	CY	
402.376902	37.5 F9 BASE COURSE HMA, 60 SERIES COMPACTION	TON	610.1601	TURF ESTABLISHMENT - ROADSIDE	SY	
407.0102	DILUTED TACK COAT	GAL	623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY	
			649.2504--25	SHOULDER TREATMENT FOR ACCIDENT REDUCTION (STAR) (ASPHALT)	LF	

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN TOLL PLAZA TYPICAL SECTIONS

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: TS-H4

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

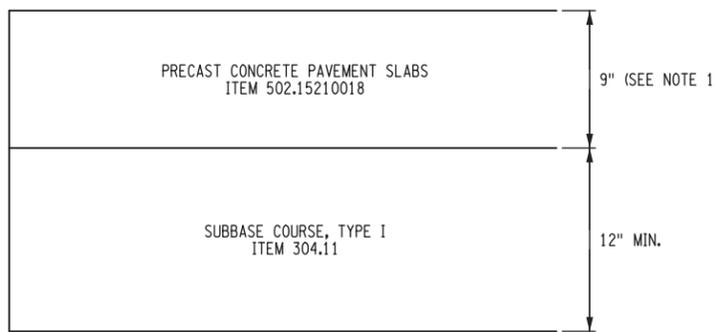
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

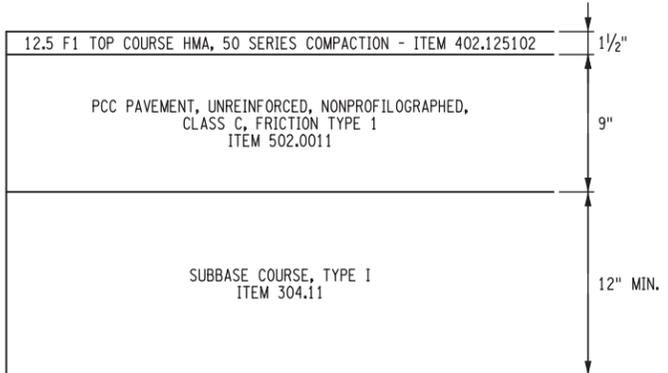
CHECKED BY: J.P. RAVETIER

DESIGNED BY: E. KRISTIANSEN

DESIGN SUPERVISOR: E. KRISTIANSEN



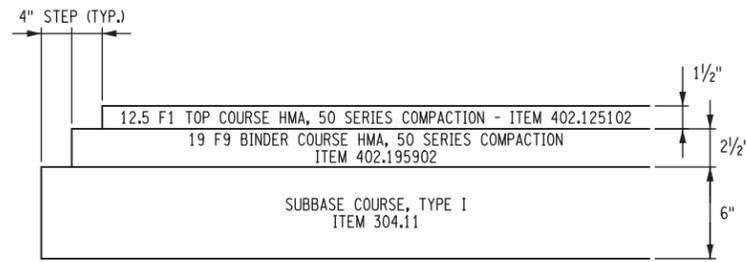
GANTRY TRAVEL LANES  
PRECAST CONCRETE PAVEMENT SECTION  
RT 17 WB STA. 459+82.85 TO STA. 462+67.17  
RAMP E STA. 111+52.83 TO STA. 114+37.17



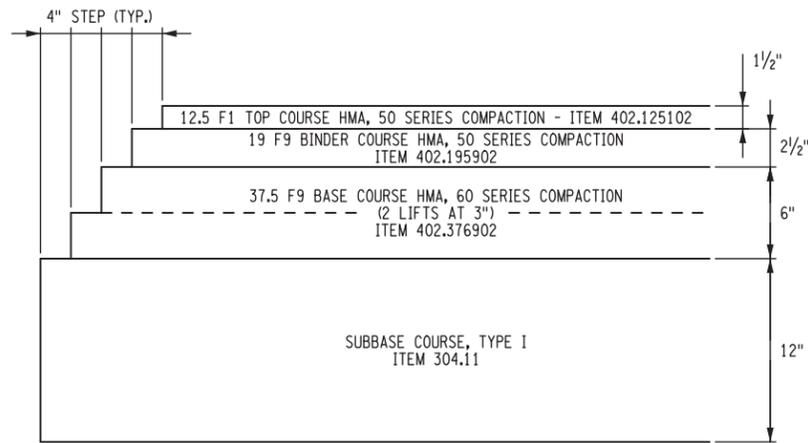
TOLL PLAZA DEMOLITION AREA  
COMPOSITE CONCRETE SECTION  
APPROX. RT 17 WB STA. 450+00 TO STA. 451+25  
SEE DEMOLITION PLANS FOR LIMITS OF  
TOLL PLAZA PAVEMENT REMOVAL

NOTES:

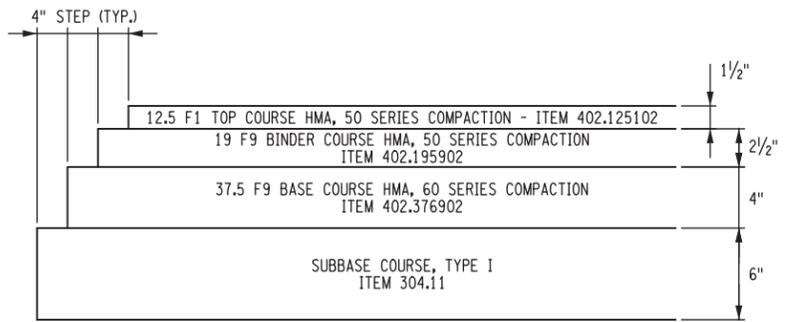
1. SLAB THICKNESS, PROFILOGRAPH LEVEL, FRICTION TYPE, AND JOINT DETAILS TO BE FURTHER DEVELOPED IN CONJUNCTION WITH TOLL SYSTEM INTEGRATOR.
2. REINFORCING FOR GANTRY TRAVEL LANES PRECAST CONCRETE PAVEMENT SECTION SHALL BE FIBER REINFORCED POLYMER IN ACCORDANCE WITH ACI 440.6-08. PAYMENT FOR THE FIBER REINFORCED POLYMER REINFORCING SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM 502.15210018.



PARKING AREA AT RAMP E GANTRY  
FULL DEPTH ASPHALT PAVEMENT SECTION



SHOULDERS  
FULL DEPTH ASPHALT PAVEMENT SECTION



ACCESS ROAD & MAINTENANCE DRIVEWAY  
FULL DEPTH ASPHALT PAVEMENT SECTION

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**HNTB** HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT  
AETC CONVERSION OF HARRIMAN TOLL PLAZA

LOCATION OF PROJECT  
ORANGE COUNTY

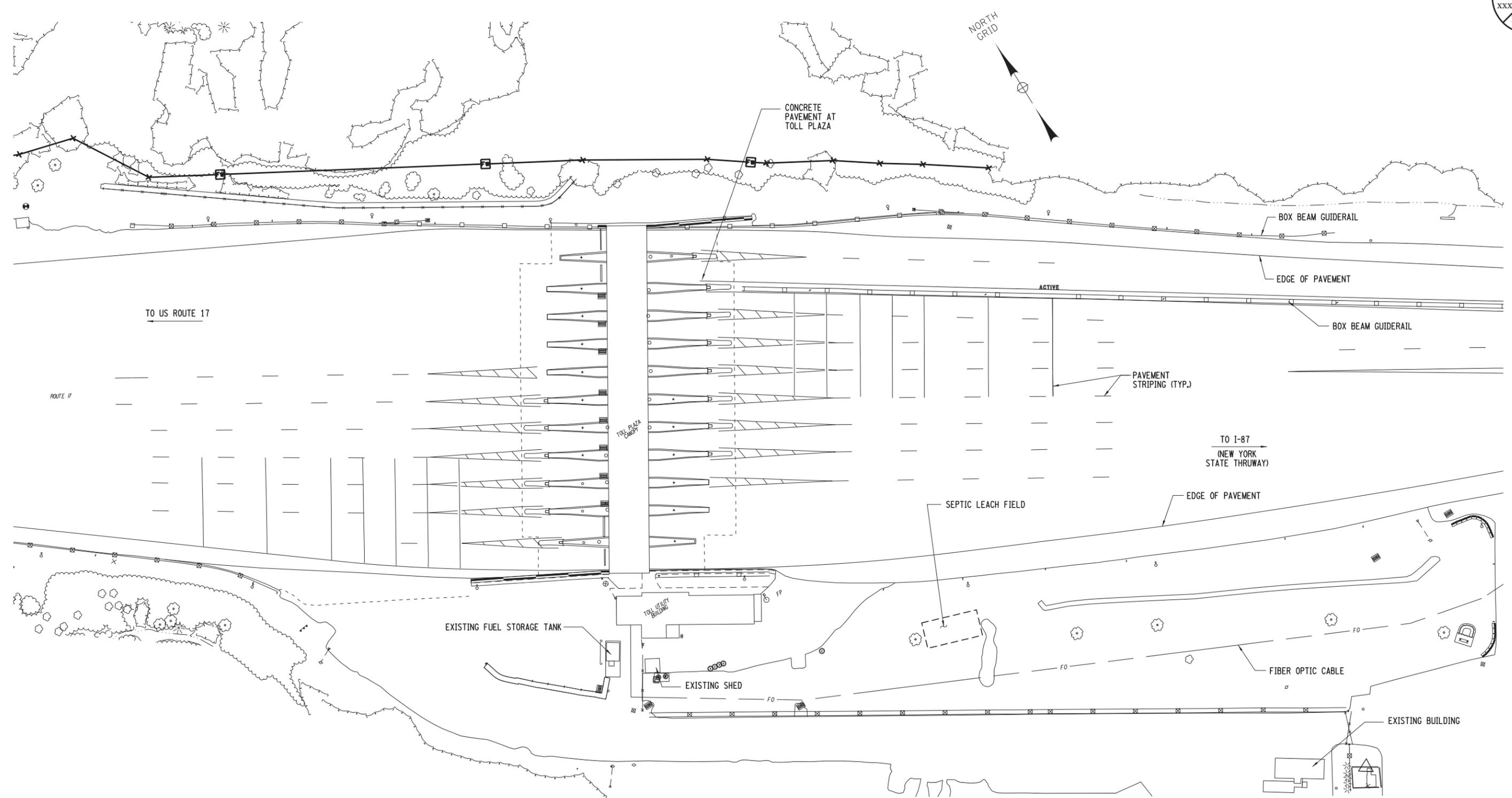
TITLE OF DRAWING  
HARRIMAN TOLL PLAZA TYPICAL SECTIONS PAVEMENT DETAILS

CONTRACT NUMBER:  
TANY XX-X

DATE:  
XX/XX/XX

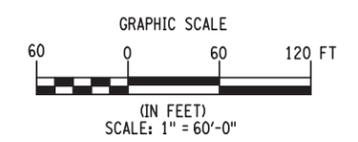
DRAWING NUMBER:  
TS-H5

CHECKED BY: C. DOOLEY  
DRAFTED BY: M. PERTIERRA  
DESIGNED BY: M. PERTIERRA  
DESIGN SUPERVISOR: C. DOOLEY



**HARRIMAN TOLL PLAZA EXISTING CONDITIONS**  
SCALE: 1"=60'-0"

- NOTES:**  
1. THE CONTRACTOR SHALL PROVIDE NYSTA FORCES TWO WEEKS FOR THE REMOVAL OF TOLLING EQUIPMENT AT THE BEGINNING OF EACH PHASE.



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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NEW YORK STATE THRUWAY AUTHORITY  
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200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**Engineering and Land Surveying, P.C.**  
1533 Crescent Road - Clinton Park, NY 12065

TITLE OF PROJECT:  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT:  
**ORANGE COUNTY**

TITLE OF DRAWING:  
**HARRIMAN DEMOLITION PLAN EXISTING CONDITIONS**

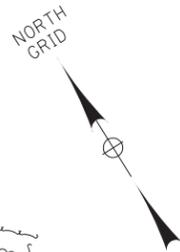
CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

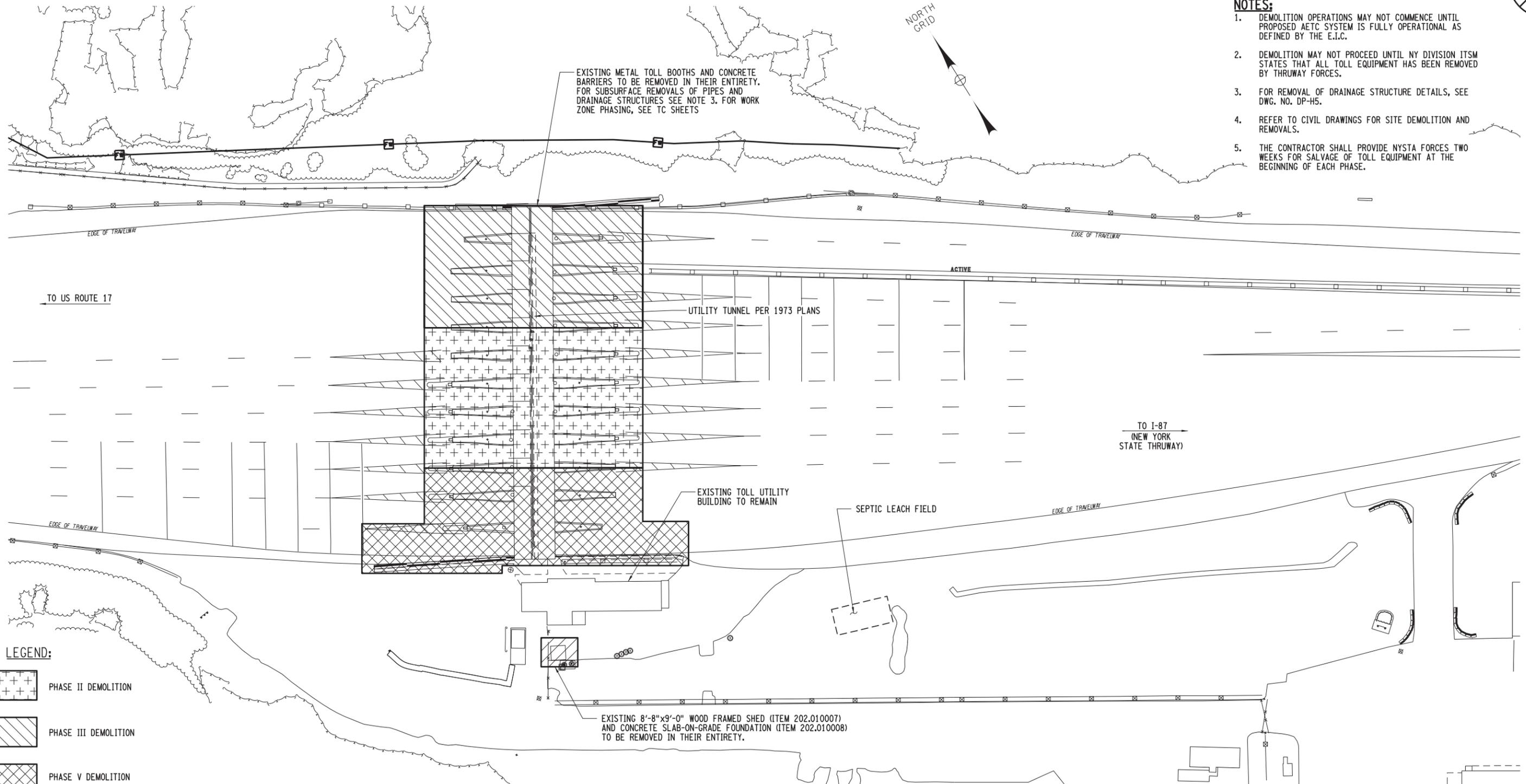
DRAWING NUMBER:  
**DP-H1**

**NOTES:**

1. DEMOLITION OPERATIONS MAY NOT COMMENCE UNTIL PROPOSED AETC SYSTEM IS FULLY OPERATIONAL AS DEFINED BY THE E.I.C.
2. DEMOLITION MAY NOT PROCEED UNTIL NY DIVISION ITSM STATES THAT ALL TOLL EQUIPMENT HAS BEEN REMOVED BY THRUWAY FORCES.
3. FOR REMOVAL OF DRAINAGE STRUCTURE DETAILS, SEE DWG. NO. DP-H5.
4. REFER TO CIVIL DRAWINGS FOR SITE DEMOLITION AND REMOVALS.
5. THE CONTRACTOR SHALL PROVIDE NYSTA FORCES TWO WEEKS FOR SALVAGE OF TOLL EQUIPMENT AT THE BEGINNING OF EACH PHASE.

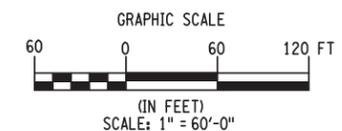


EXISTING METAL TOLL BOOTHS AND CONCRETE BARRIERS TO BE REMOVED IN THEIR ENTIRETY. FOR SUBSURFACE REMOVALS OF PIPES AND DRAINAGE STRUCTURES SEE NOTE 3. FOR WORK ZONE PHASING, SEE TC SHEETS



- LEGEND:**
- PHASE II DEMOLITION
  - PHASE III DEMOLITION
  - PHASE V DEMOLITION

**HARRIMAN TOLL PLAZA DEMOLITION PLAN**  
SCALE: 1"=60'-0"



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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NOT FOR CONSTRUCTION**

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DATE	DESCRIPTION	BY	SYM.



**NEW YORK STATE THRUWAY AUTHORITY**  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

Engineering and Land Surveying, P.C.  
1533 Crescent Road - Clifton Park, NY 12065

TITLE OF PROJECT  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT  
**ORANGE COUNTY**

TITLE OF DRAWING  
**HARRIMAN DEMOLITION PLAN OVERALL SITE**

CONTRACT NUMBER:  
**TANY XX-X**

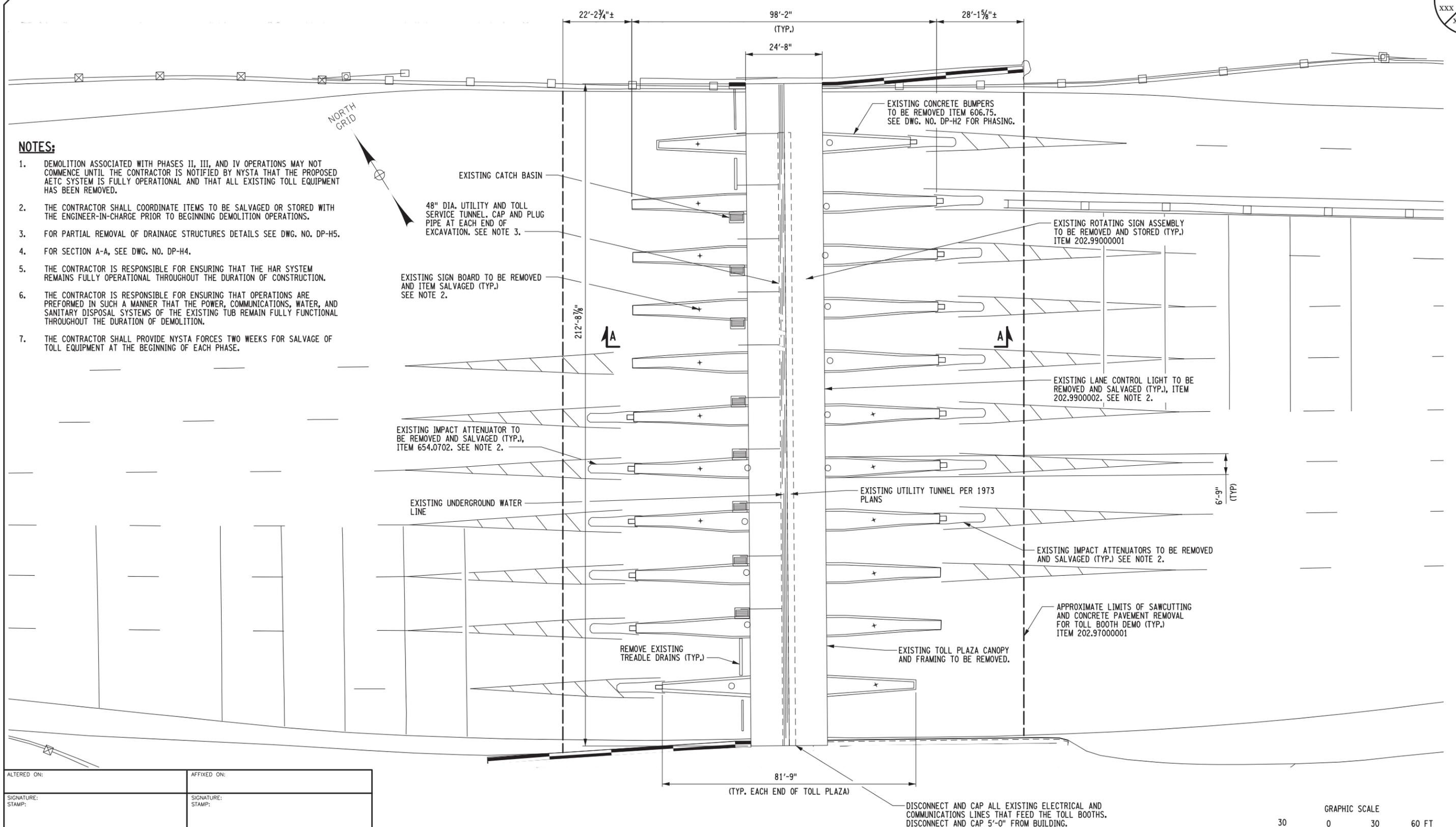
DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**DP-H2**

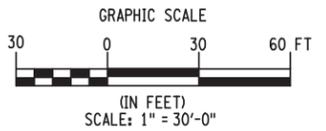
DESIGN SUPERVISOR: C. DOOLEY  
DESIGNED BY: M. PERTIERRA  
DRAFTED BY: M. PERTIERRA  
CHECKED BY: C. DOOLEY

DESIGN SUPERVISOR: C. DOOLEY  
DESIGNED BY: M. PERTIERRA  
CHECKED BY: C. DOOLEY  
DRAFTED BY: M. PERTIERRA  
CHECKED BY: C. DOOLEY

- NOTES:**
1. DEMOLITION ASSOCIATED WITH PHASES II, III, AND IV OPERATIONS MAY NOT COMMENCE UNTIL THE CONTRACTOR IS NOTIFIED BY NYSTA THAT THE PROPOSED AETC SYSTEM IS FULLY OPERATIONAL AND THAT ALL EXISTING TOLL EQUIPMENT HAS BEEN REMOVED.
  2. THE CONTRACTOR SHALL COORDINATE ITEMS TO BE SALVAGED OR STORED WITH THE ENGINEER-IN-CHARGE PRIOR TO BEGINNING DEMOLITION OPERATIONS.
  3. FOR PARTIAL REMOVAL OF DRAINAGE STRUCTURES DETAILS SEE DWG. NO. DP-H5.
  4. FOR SECTION A-A, SEE DWG. NO. DP-H4.
  5. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE HAR SYSTEM REMAINS FULLY OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION.
  6. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT OPERATIONS ARE PERFORMED IN SUCH A MANNER THAT THE POWER, COMMUNICATIONS, WATER, AND SANITARY DISPOSAL SYSTEMS OF THE EXISTING TUB REMAIN FULLY FUNCTIONAL THROUGHOUT THE DURATION OF DEMOLITION.
  7. THE CONTRACTOR SHALL PROVIDE NYSTA FORCES TWO WEEKS FOR SALVAGE OF TOLL EQUIPMENT AT THE BEGINNING OF EACH PHASE.



**HARRIMAN TOLL PLAZA ENLARGED PLAN**  
SCALE: 1"=30'-0"



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200 SOUTHERN BLVD., ALBANY, N.Y. 12209

**Engineering and Land Surveying, P.C.**  
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TITLE OF PROJECT <b>AETC CONVERSION OF HARRIMAN TOLL PLAZA</b>	CONTRACT NUMBER: <b>TANY XX-X</b>
LOCATION OF PROJECT <b>ORANGE COUNTY</b>	DATE: <b>XX/XX/XX</b>
TITLE OF DRAWING <b>HARRIMAN DEMOLITION PLAN TOLL PLAZA DEMOLITION</b>	DRAWING NUMBER: <b>DP-H3</b>

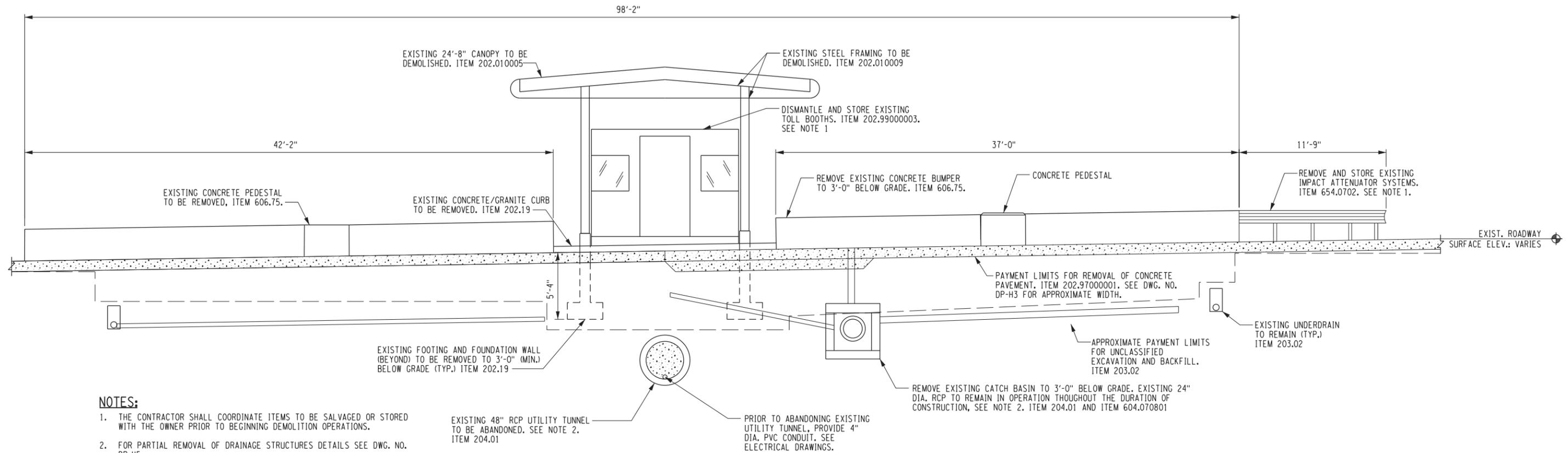
CHECKED BY: C. DOOLEY

DRAFTED BY: M. PERTIERRA

CHECKED BY: C. DOOLEY

DESIGNED BY: M. PERTIERRA

DESIGN SUPERVISOR: C. DOOLEY



**NOTES:**

1. THE CONTRACTOR SHALL COORDINATE ITEMS TO BE SALVAGED OR STORED WITH THE OWNER PRIOR TO BEGINNING DEMOLITION OPERATIONS.
2. FOR PARTIAL REMOVAL OF DRAINAGE STRUCTURES DETAILS SEE DWG. NO. DP-H5.
3. SAWCUT PAVEMENT AS REQUIRED, TO FACILITATE REMOVALS.
4. FOR WORK ZONE PHASING, SEE TRAFFIC CONTROL DRAWINGS.
5. NO HAZARDOUS MATERIALS TESTING WAS PREFORMED ON SUBSURFACE OR BUILDING COMPONENTS PRIOR TO CONSTRUCTION. THE CONTRACTOR'S ATTENTION IS DRAWN TO THE FACT THAT HAZARDOUS MATERIALS (LEAD, ASBESTOS, ETC.) MAY BE PRESENT AT THIS SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH ALL APPLICABLE CODES AND DISPOSE OF SUCH MATERIALS IN A LEGAL MANNER.

EXISTING 48" RCP UTILITY TUNNEL TO BE ABANDONED. SEE NOTE 2. ITEM 204.01

PRIOR TO ABANDONING EXISTING UTILITY TUNNEL, PROVIDE 4" DIA. PVC CONDUIT. SEE ELECTRICAL DRAWINGS.

**SECTION A-A: TYPICAL TOLL PLAZA DEMO ELEVATION**  
SCALE: 1/8" = 1'-0"

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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**Engineering and Land Surveying, P.C.**  
1533 Crescent Road • Clifton Park, NY 12065

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN DEMOLITION TOLL PLAZA SECTION

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: DP-H4

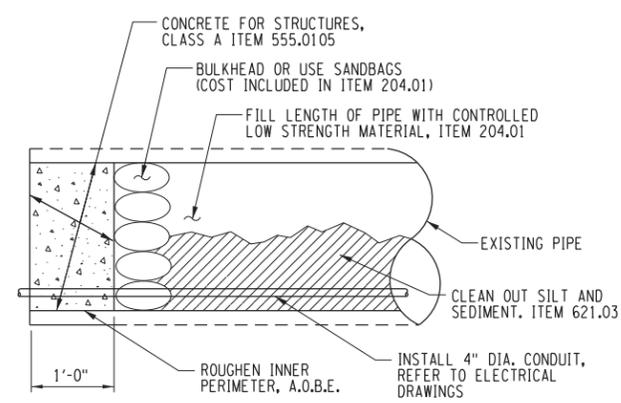
CHECKED BY: C. DOOLEY

DRAFTED BY: M. PERTIERRA

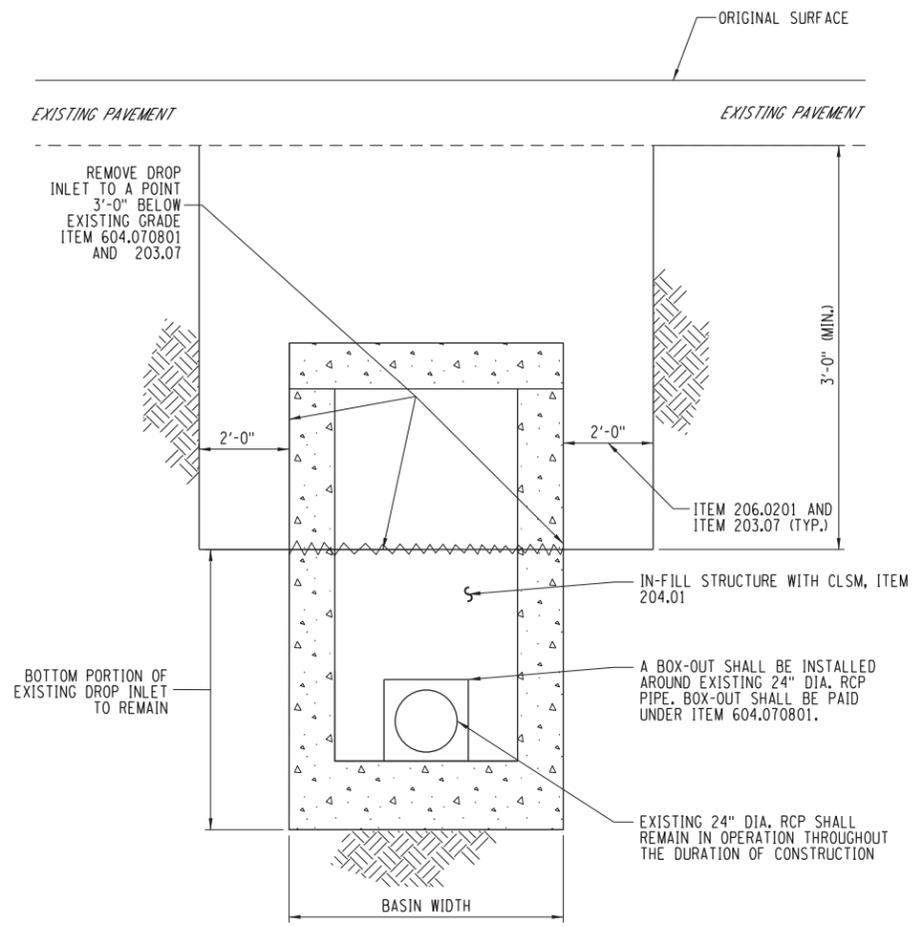
CHECKED BY: C. DOOLEY

DESIGNED BY: M. PERTIERRA

DESIGN SUPERVISOR: C. DOOLEY



**PLUGGING AND ABANDONING 48" DIA. TOLL SERVICE TUNNEL**  
NOT TO SCALE



**TYPICAL PARTIAL REMOVAL OF EXISTING DRAINAGE STRUCTURES**  
NOT TO SCALE

ALTERED ON:	AFFIXED ON:
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TITLE OF PROJECT:  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**  
LOCATION OF PROJECT:  
**ORANGE COUNTY**  
TITLE OF DRAWING:  
**HARRIMAN DEMOLITION PLAN DRAINAGE**

CONTRACT NUMBER:  
**TANY XX-X**  
DATE:  
**XX/XX/XX**  
DRAWING NUMBER:  
**DP-H5**



Engineering and Land Surveying, P.C.  
1533 Crescent Road • Clifton Park, NY 12065

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- (T) SIGN TEXT NUMBER
- ⊙ TEMPORARY IMPACT ATTENUATOR (619.1803)

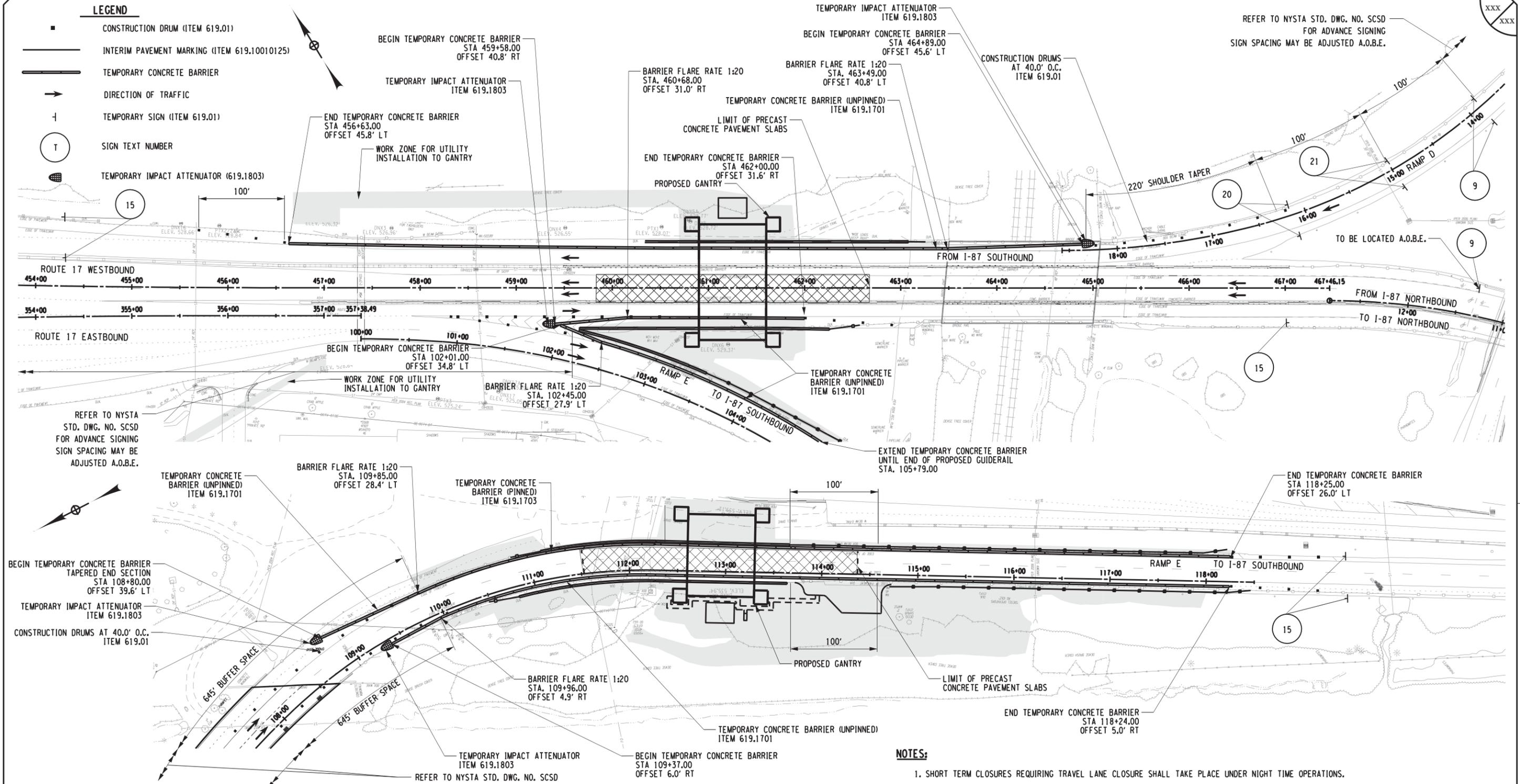
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



REFER TO NYSTA STD. DWG. NO. SCSO FOR ADVANCE SIGNING SIGN SPACING MAY BE ADJUSTED A.O.B.E.

REFER TO NYSTA STD. DWG. NO. SCSO FOR ADVANCE SIGNING SIGN SPACING MAY BE ADJUSTED A.O.B.E.

**NOTES:**

1. SHORT TERM CLOSURES REQUIRING TRAVEL LANE CLOSURE SHALL TAKE PLACE UNDER NIGHT TIME OPERATIONS.
2. THE CONTRACTOR SHALL MAINTAIN A MINIMUM LANE WIDTH OF 12' THROUGHOUT PHASE 1.
3. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
4. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
5. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
6. TEMPORARY CONCRETE BARRIER INSTALLED AT PROPOSED GANTRY LOCATIONS SHALL REMAIN IN PLACE UNTIL PERMANENT CONCRETE BARRIER IS INSTALLED.

**CONSTRUCTION SEQUENCE**

- GANTRY FOOTING CONSTRUCTION
- LONG TERM SHOULDER CLOSURES REFER TO NYSTA STD. DWG. NO. SC
- ▨ PAVEMENT INSTALLATION
- SHORT TERM LANE CLOSURES REFER TO NYSTA STD. DWG. NOS. SLC-55 & SC



ALTERED ON:	AFFIXED ON:
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STAMP:	STAMP:

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200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 1

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: TC-H1



XXX  
XXX

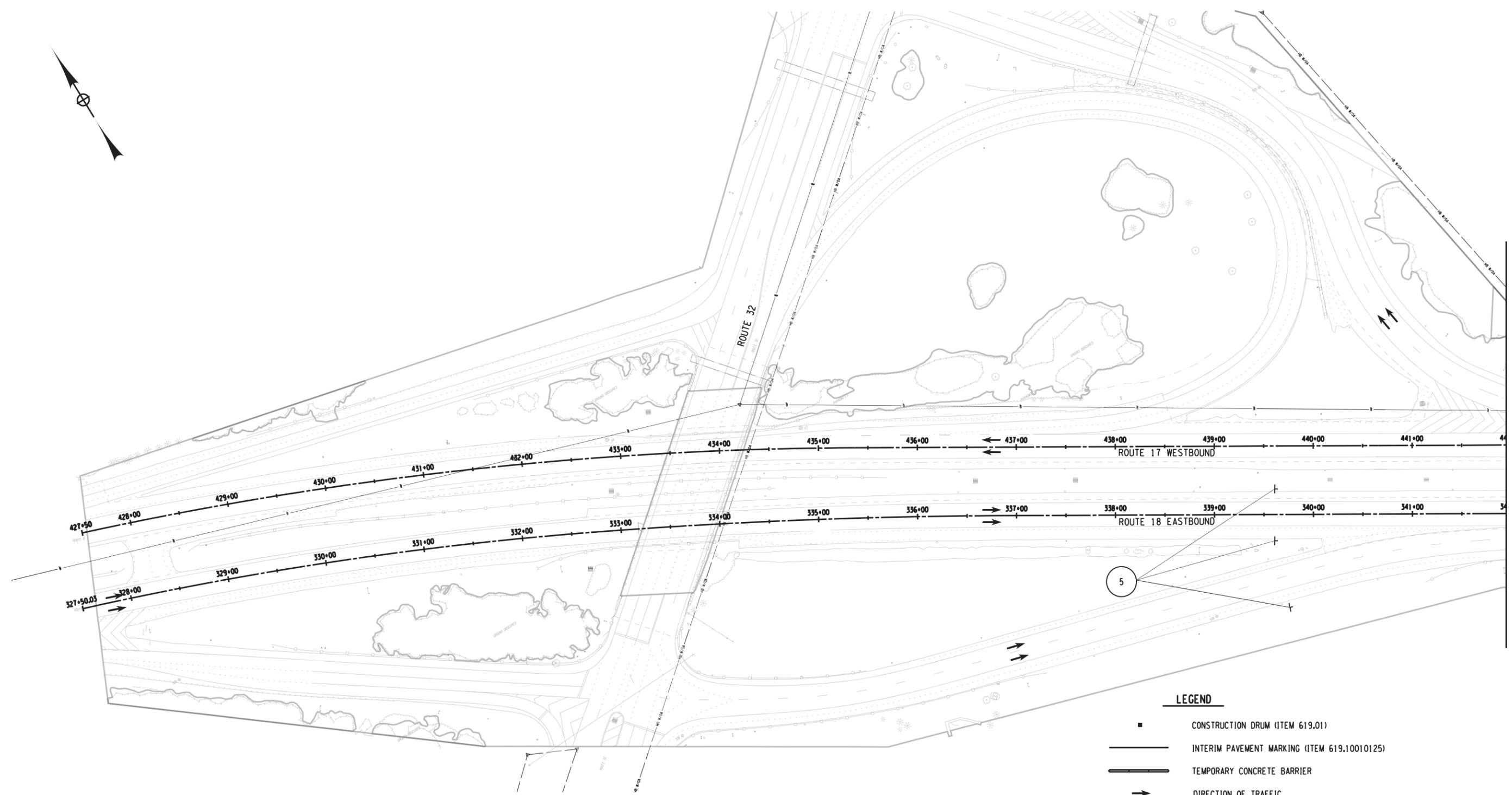
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



MATCH TO DWG. NO. TC-H3

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- ⊞ TYPE III BARRICADE (ITEM 619.04)
- (L / T) SIGN LOCATION NUMBER  
SIGN TEXT NUMBER

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209



TITLE OF PROJECT  
**AETC CONVERSION OF  
HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT  
**ORANGE COUNTY**

TITLE OF DRAWING  
**HARRIMAN WORK ZONE  
TRAFFIC CONTROL  
PLAN - PHASE 2**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**TC-H2**

XXX  
XXX

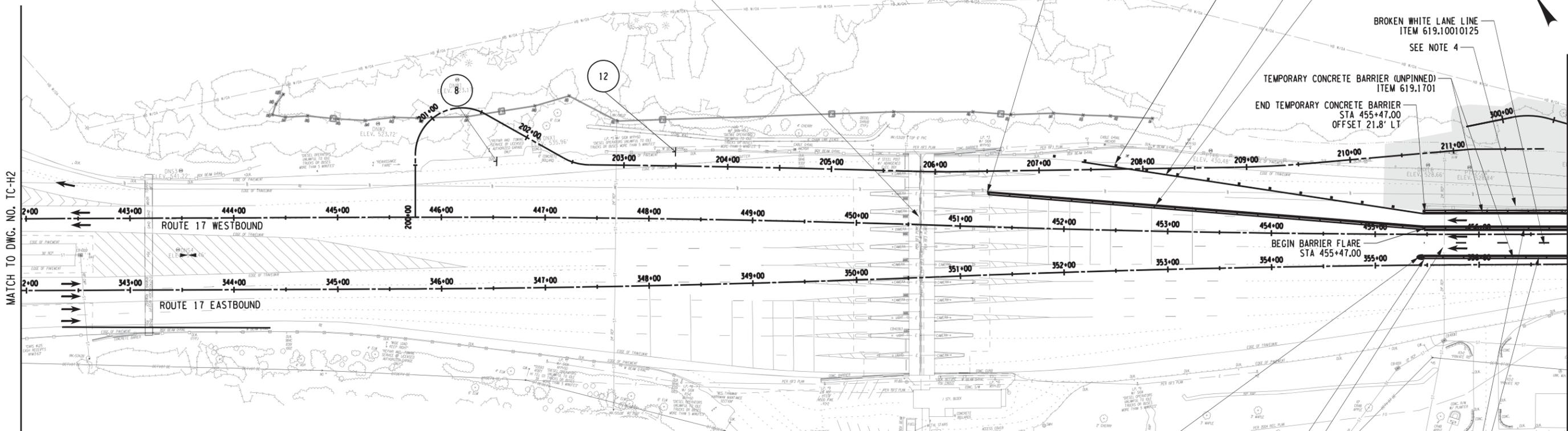
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

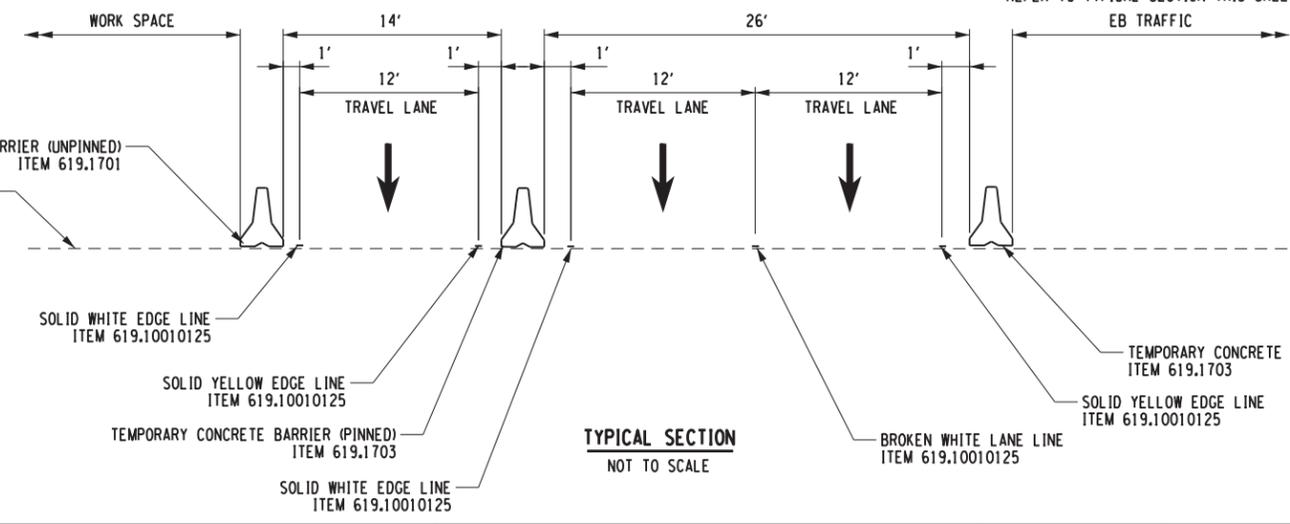


**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- TEMPORARY SIGN (ITEM 619.01)
- ⊙ SIGN TEXT NUMBER
- ▭ PHASE 2 WORK SPACE

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
3. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
4. CONTRACTOR SHALL CONSTRUCT FINAL BARRIER TO STA. 455+93.00 IN THIS PHASE. REMAINING LENGTH OF BARRIER TO BE CONSTRUCTED IN PHASE 4, SEE DWG. NOS. TC-H8 AND TC-H13.



**TYPICAL SECTION**  
NOT TO SCALE



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL**  
 NOT FOR CONSTRUCTION

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
 DEPARTMENT OF ENGINEERING  
 200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT  
 ORANGE COUNTY

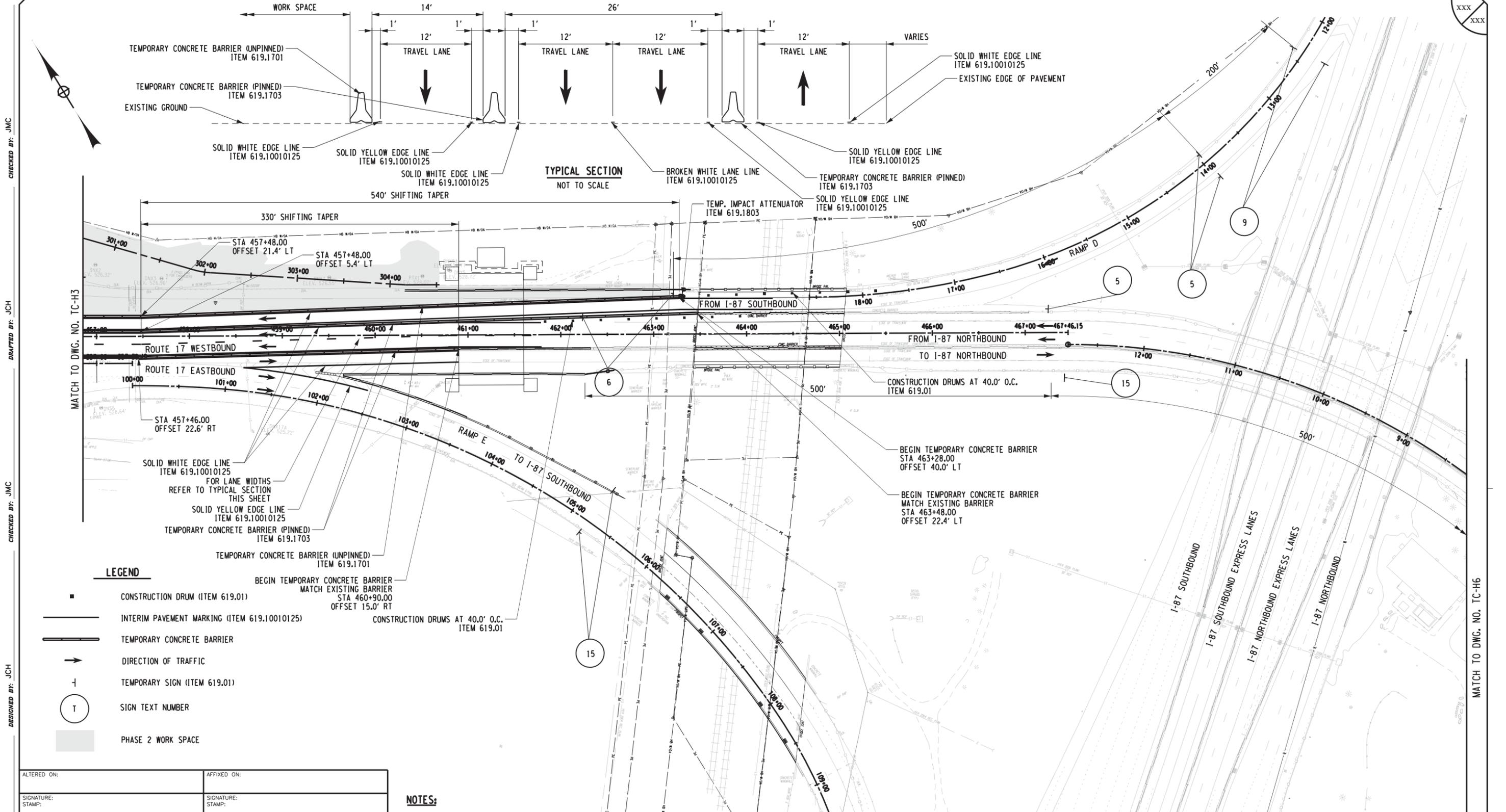
TITLE OF DRAWING  
**HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 2**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
 XX/XX/XX

DRAWING NUMBER:  
**TC-H3**





CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

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**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- SIGN TEXT NUMBER
- PHASE 2 WORK SPACE
- BEGIN TEMPORARY CONCRETE BARRIER MATCH EXISTING BARRIER STA 460+90.00 OFFSET 15.0' RT
- CONSTRUCTION DRUMS AT 40.0' O.C. ITEM 619.01

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
3. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
4. REFER TO DWG. NO. TC-H3 FOR TYPICAL SECTION.
5. CONTRACTOR SHALL MAINTAIN THE PAVEMENT IN THE GORE AREA TO THE SATISFACTION OF THE ENGINEER.
6. SIGNS LOCATED IN NARROW MEDIANS, USABLE WIDTH LESS THAN 6', SHALL BE MOUNTED ON MEDIAN BARRIER.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT  
AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT  
ORANGE COUNTY  
TITLE OF DRAWING  
HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 2

CONTRACT NUMBER:  
TANY XX-X  
DATE:  
XX/XX/XX  
DRAWING NUMBER:  
TC-H4



**CONCEPT SUBMITTAL**  
 NOT FOR CONSTRUCTION

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SIGNATURE: STAMP:	SIGNATURE: STAMP:

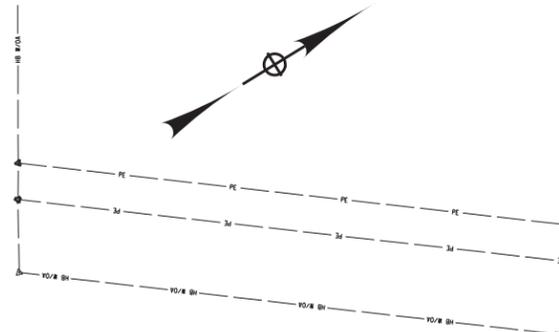
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**NOTES:**

- 1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
- 2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- T SIGN TEXT NUMBER



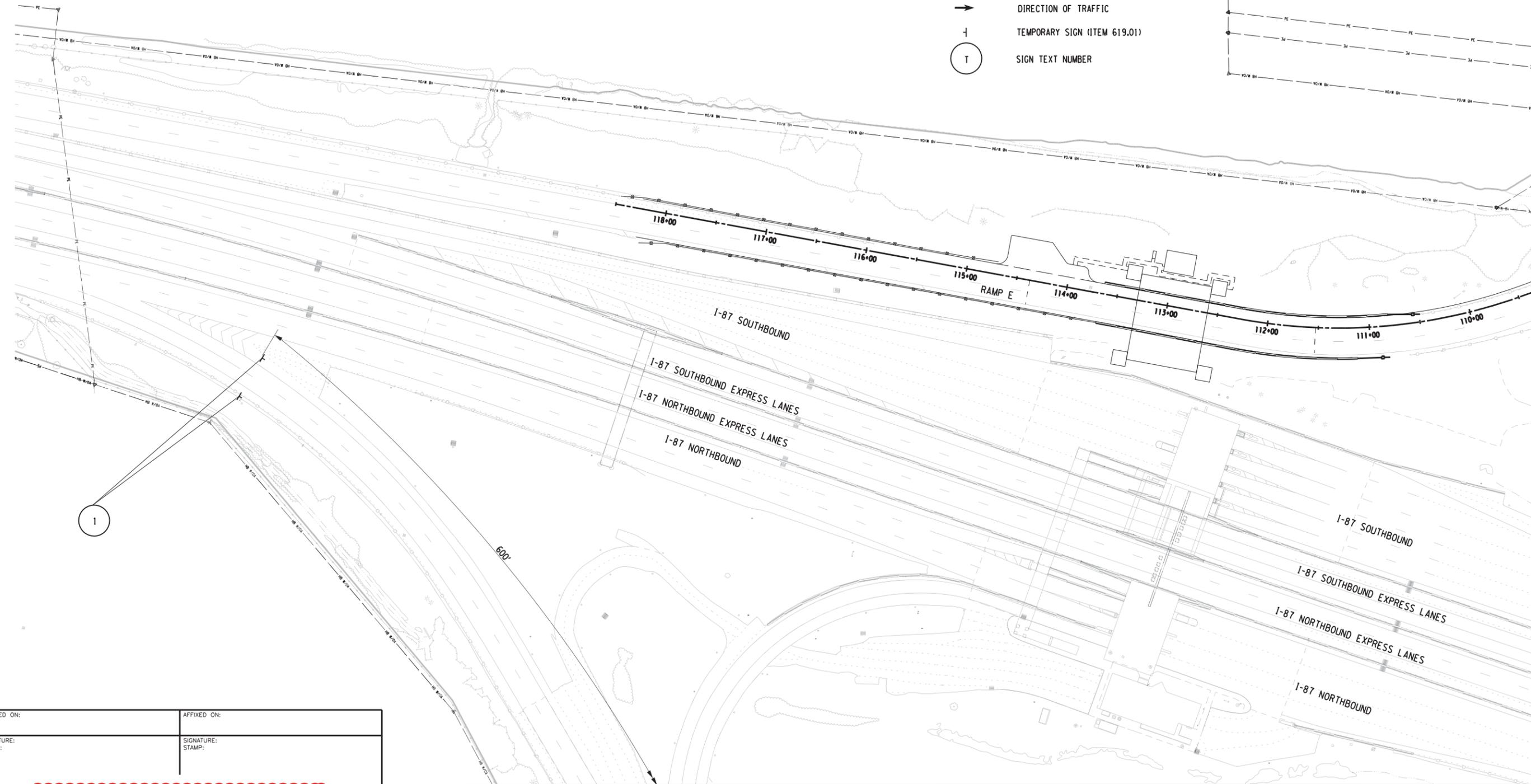
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DRAFTED BY: JCH

CHECKED BY: JMC

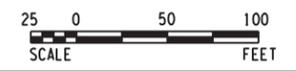
DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



MATCH TO DWG. NO. TC-H4

MATCH TO DWG. NO. TC-H6



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT  
AETC CONVERSION OF  
HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT  
ORANGE COUNTY  
TITLE OF DRAWING  
HARRIMAN WORK ZONE  
TRAFFIC CONTROL  
PLAN - PHASE 2

CONTRACT NUMBER:  
TANY XX-X  
DATE:  
XX/XX/XX  
DRAWING NUMBER:  
TC-H5

XXX  
XXX



MATCH TO DWG. NO. TC-H5

MATCH TO DWG. NO. TC-H4

MATCH TO DWG. NO. TC-H4

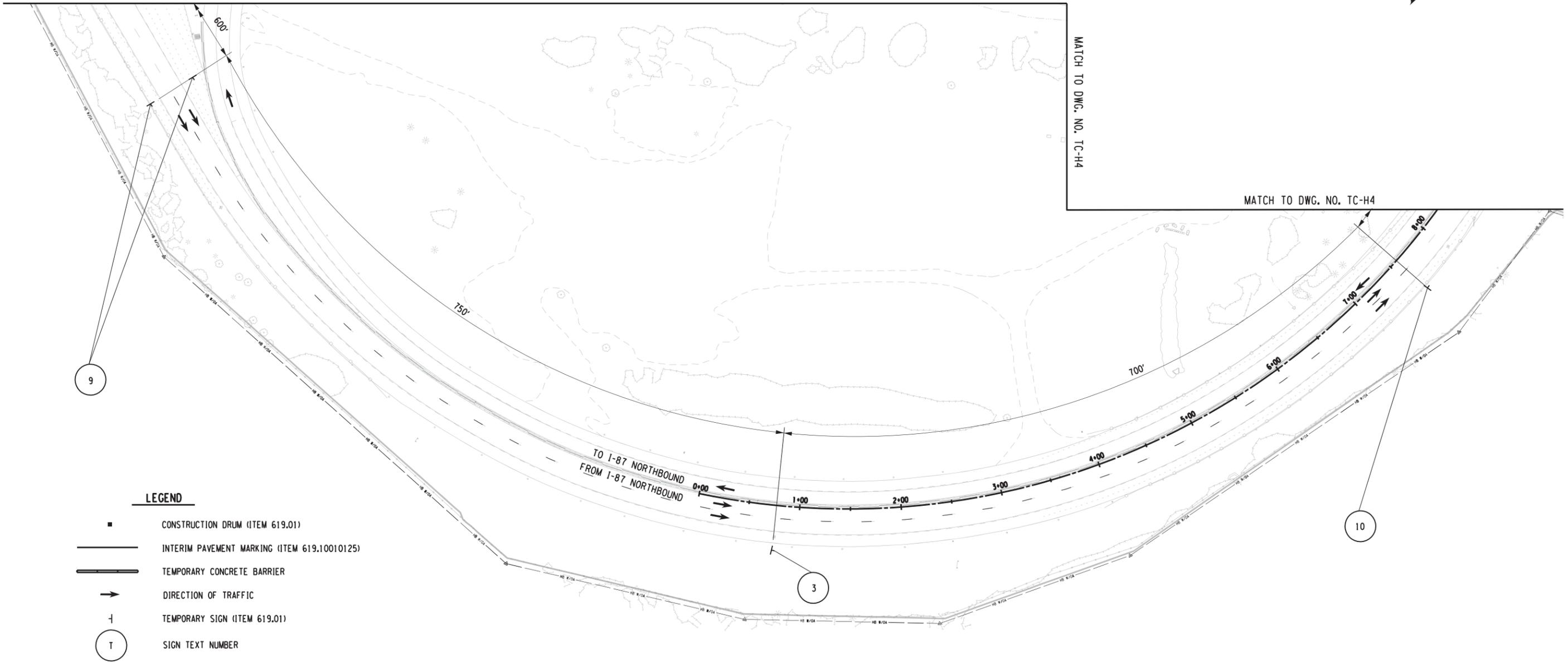
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- + TEMPORARY SIGN (ITEM 619.01)
- T SIGN TEXT NUMBER

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209



TITLE OF PROJECT  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT  
**ORANGE COUNTY**

TITLE OF DRAWING  
**HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 2**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**TC-H6**

XXX  
XXX

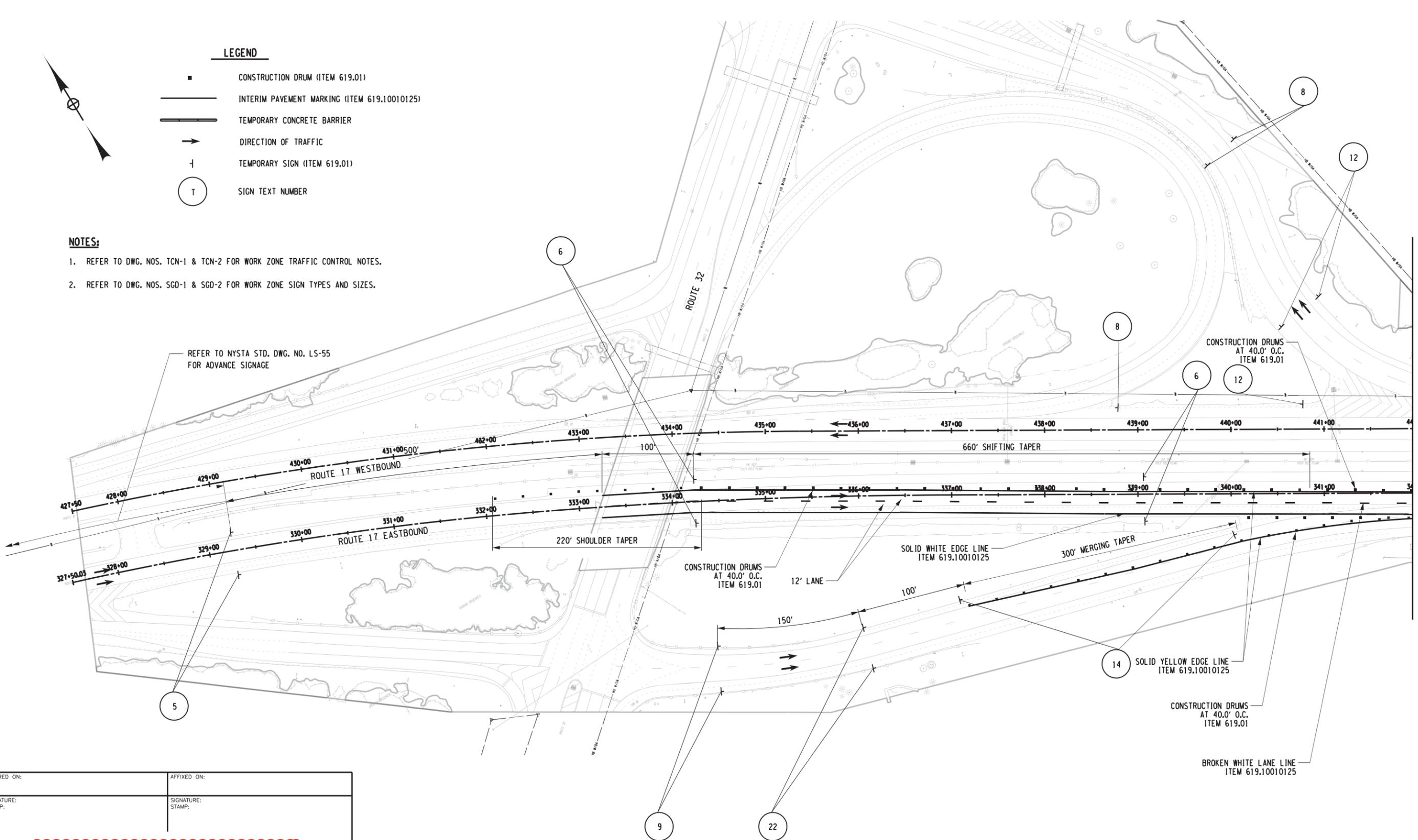
**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- Ⓡ SIGN TEXT NUMBER

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.

REFER TO NYSTA STD. DWG. NO. LS-55 FOR ADVANCE SIGNAGE



CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

MATCH TO DWG. NO. TC-H8

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
 DEPARTMENT OF ENGINEERING  
 200 SOUTHERN BLVD., ALBANY, N.Y. 12209



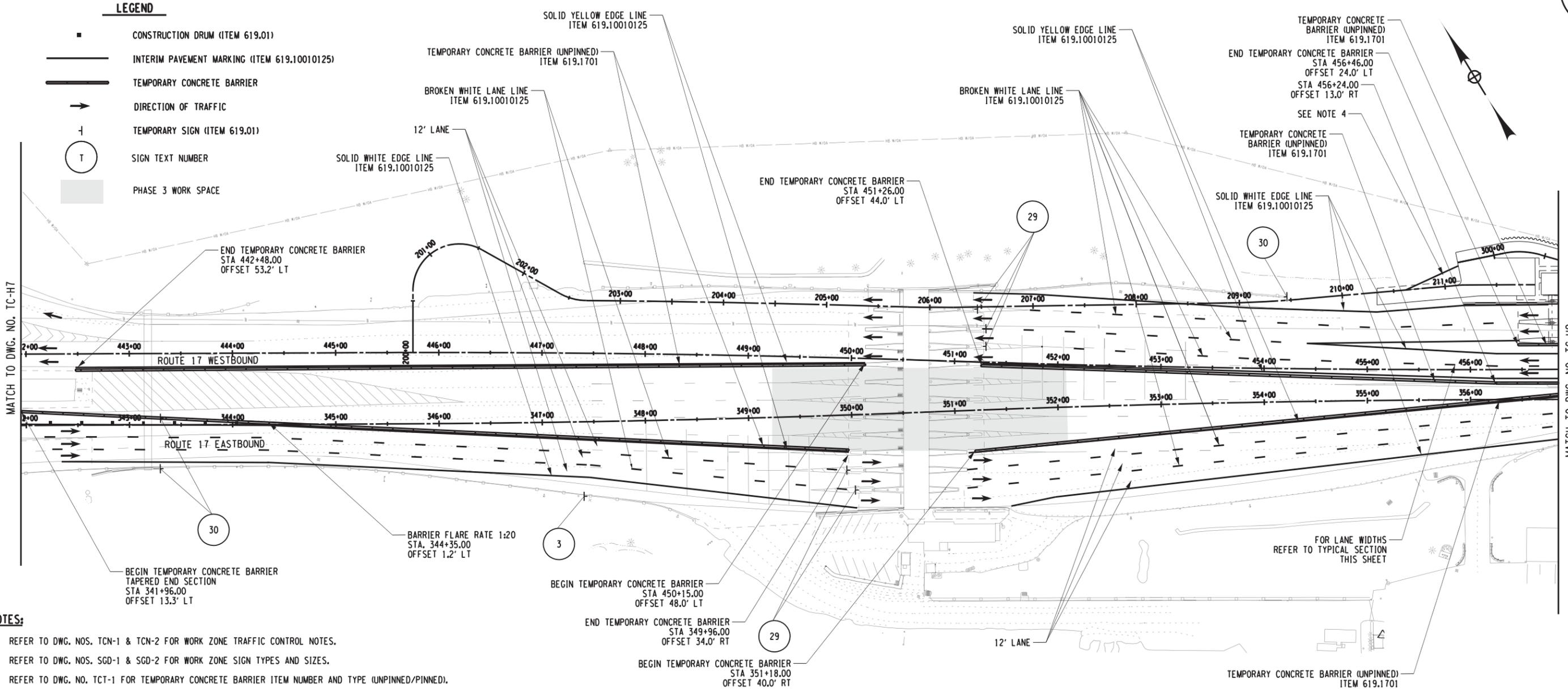
TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
 LOCATION OF PROJECT: ORANGE COUNTY  
 TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 3

CONTRACT NUMBER: TANY XX-X  
 DATE: XX/XX/XX  
 DRAWING NUMBER: TC-H7



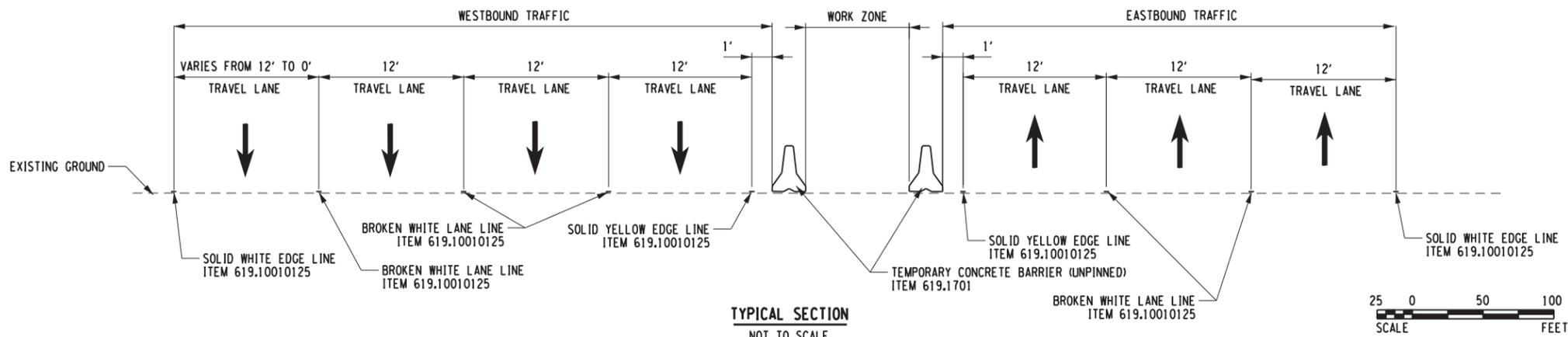
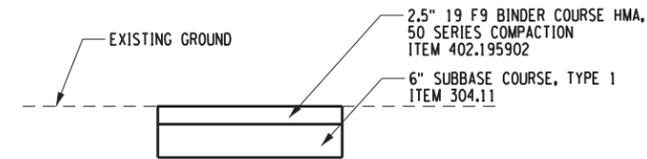
**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- T SIGN TEXT NUMBER
- PHASE 3 WORK SPACE



**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
3. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
4. CONTRACTOR SHALL CONSTRUCT TEMPORARY PAVEMENT FOR U-TURN ENTRY INTO PARKING AREA TO THE SATISFACTION OF THE ENGINEER.



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 3

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: TC-HB



CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

MATCH TO DWG. NO. TC-H9

MATCH TO DWG. NO. TC-H7

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
3. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
4. TEMPORARY PAVEMENT MARKINGS FOR ROUTE 17 WESTBOUND LANES FROM I-87 SOUTHBOUND (RAMP D) SHALL BE LAID OUT AS INDICATED ON FINAL SIGNING AND STRIPING PLANS. (SEE DWG. NOS. SSP-H1 TO SPP-H6)
5. SIGNS LOCATED IN NARROW MEDIANS, USABLE WIDTH LESS THAN 6', SHALL BE MOUNTED ON MEDIAN BARRIER.

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- T SIGN TEXT NUMBER

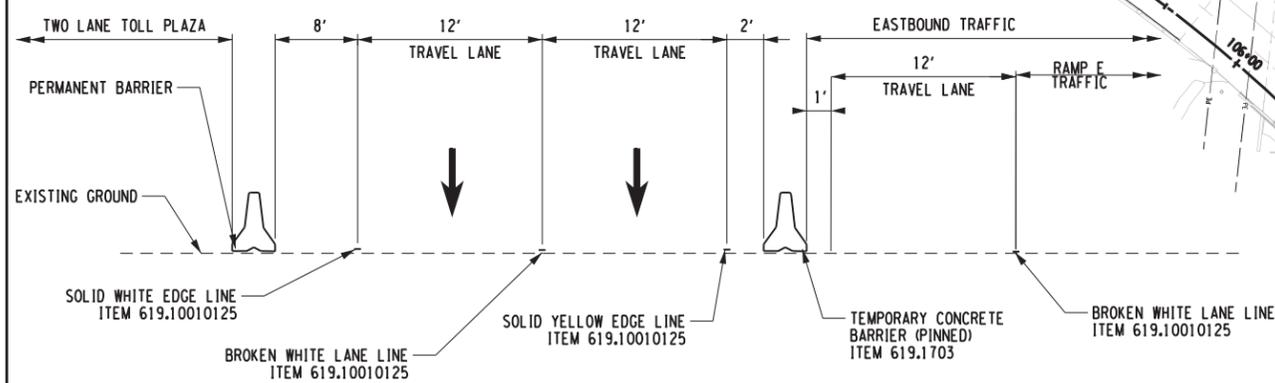
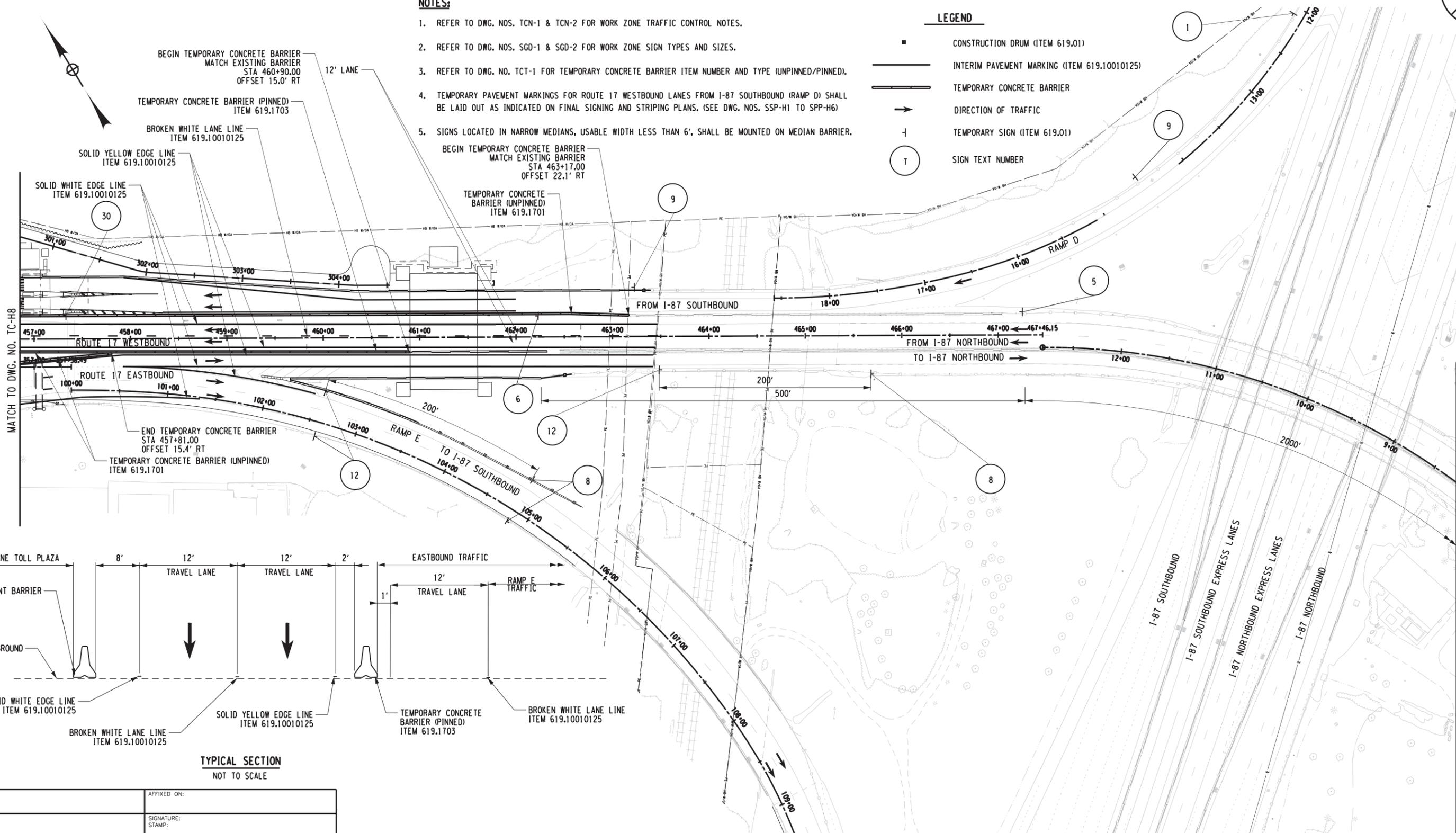
CHECKED BY: JMC

DRAWN BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



**TYPICAL SECTION**  
NOT TO SCALE

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**NEW YORK STATE THRUWAY AUTHORITY**  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 3

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: TC-H9



MATCH TO DWG. NO. TC-H10

MATCH TO DWG. NO. TC-H11

MATCH TO DWG. NO. TC-H8

MATCH TO DWG. NO. TC-H11

XXX  
XXX

**NOTES:**

- 1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
- 2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- T SIGN TEXT NUMBER



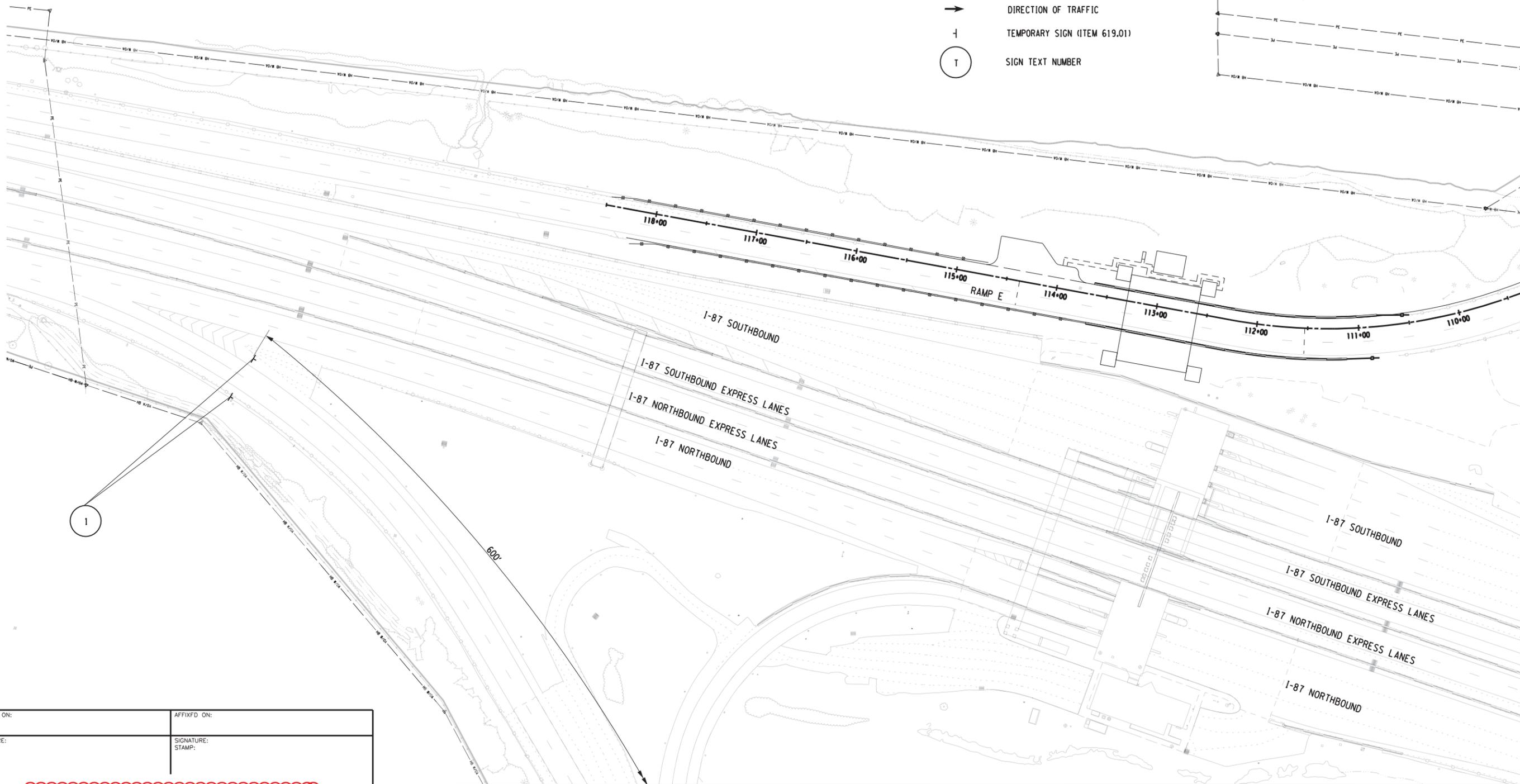
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



MATCH TO DWG. NO. TC-H9

MATCH TO DWG. NO. TC-H11



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT:  
AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT:  
ORANGE COUNTY  
TITLE OF DRAWING:  
HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 3

CONTRACT NUMBER:  
TANY XX-X  
DATE:  
XX/XX/XX  
DRAWING NUMBER:  
TC-H10





MATCH TO DWG. NO. TC-H10

MATCH TO DWG. NO. TC-H9

MATCH TO DWG. NO. TC-H9

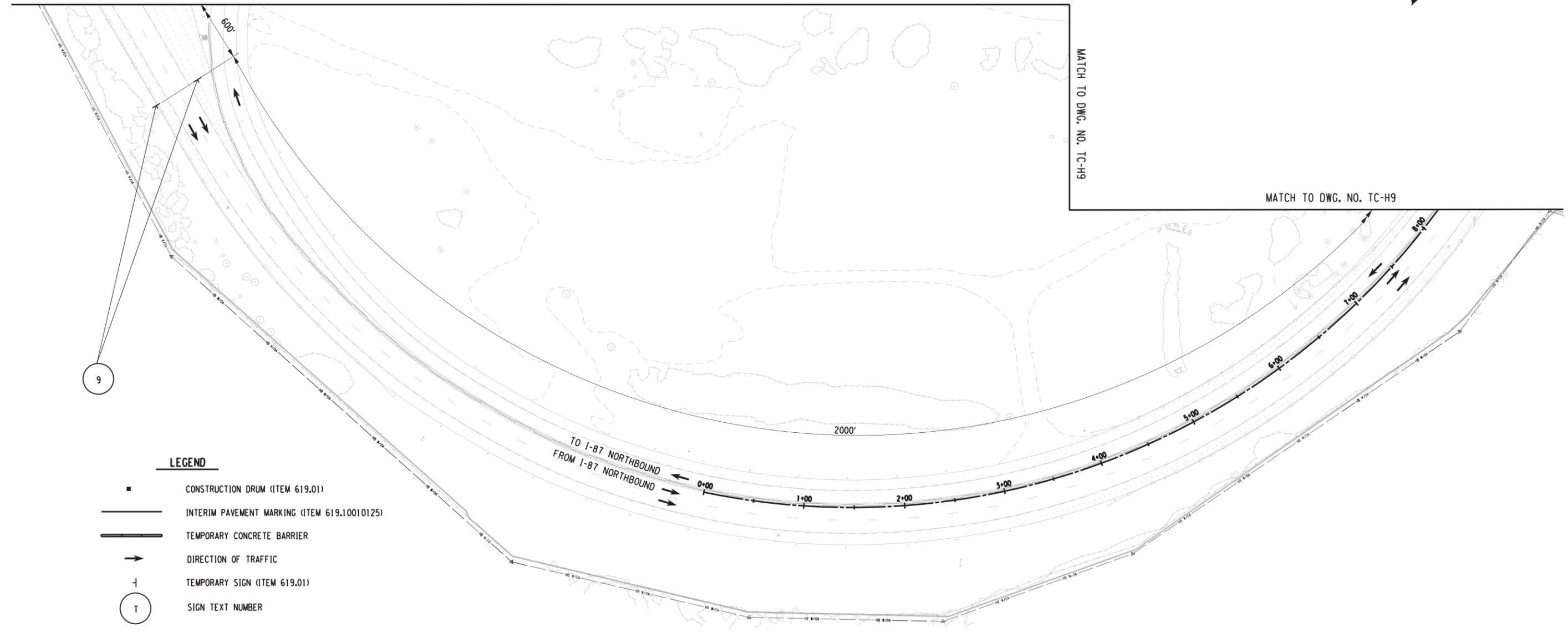
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



9

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- ⊙ T SIGN TEXT NUMBER

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209



TITLE OF PROJECT  
AETC CONVERSION OF  
HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT  
ORANGE COUNTY  
TITLE OF DRAWING  
HARRIMAN WORK ZONE  
TRAFFIC CONTROL  
PLAN - PHASE 3

CONTRACT NUMBER:  
**TANY XX-X**  
DATE:  
XX/XX/XX  
DRAWING NUMBER:  
**TC-H11**

CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

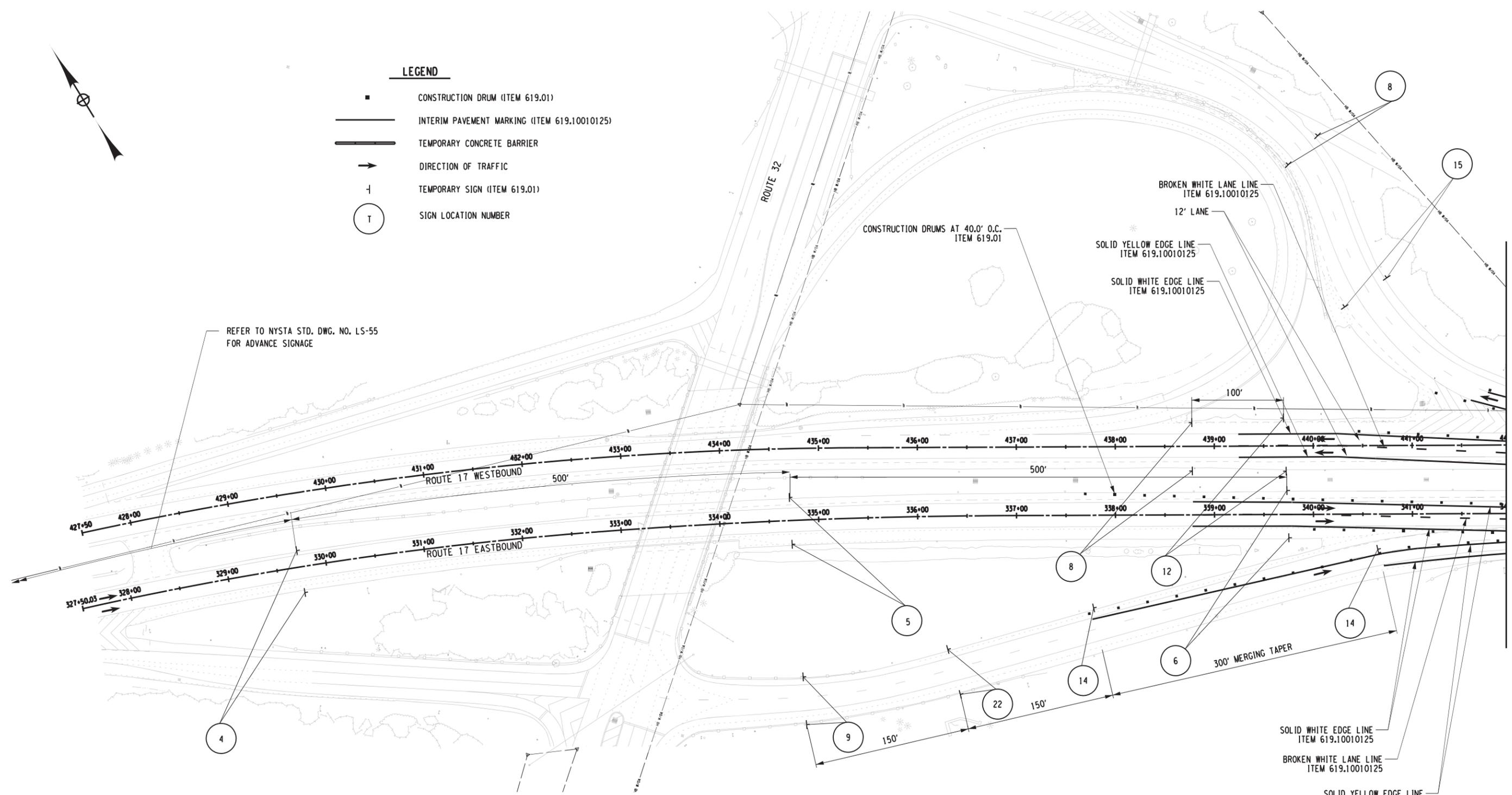
DESIGN SUPERVISOR: VDM



**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- ⊙ T SIGN LOCATION NUMBER

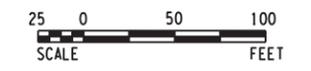
REFER TO NYSTA STD. DWG. NO. LS-55  
FOR ADVANCE SIGNAGE



MATCH TO DWG. NO. TC-H13

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.



**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209



TITLE OF PROJECT  
AETC CONVERSION OF  
HARRIMAN TOLL PLAZA

LOCATION OF PROJECT  
ORANGE COUNTY

TITLE OF DRAWING  
HARRIMAN WORK ZONE  
TRAFFIC CONTROL  
PLAN - PHASE 4

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
XX/XX/XX

DRAWING NUMBER:  
**TC-H12**

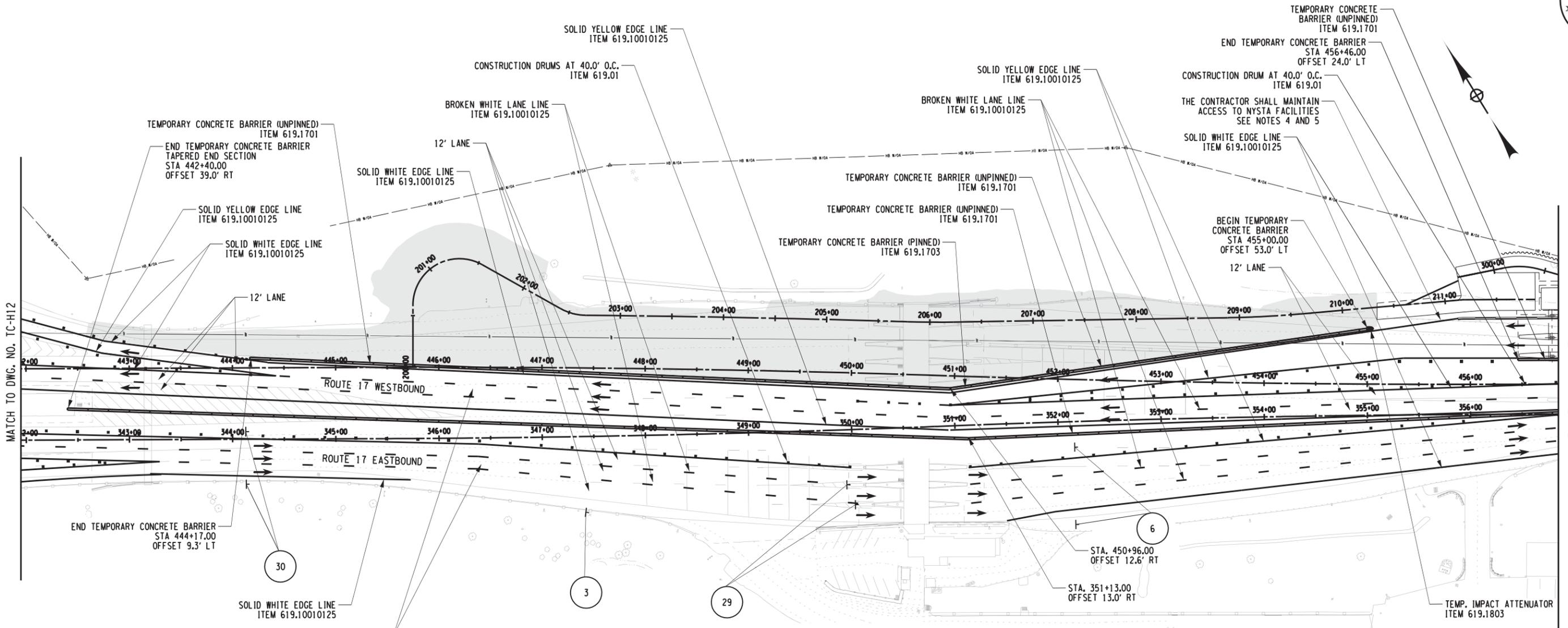
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DRAWN BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

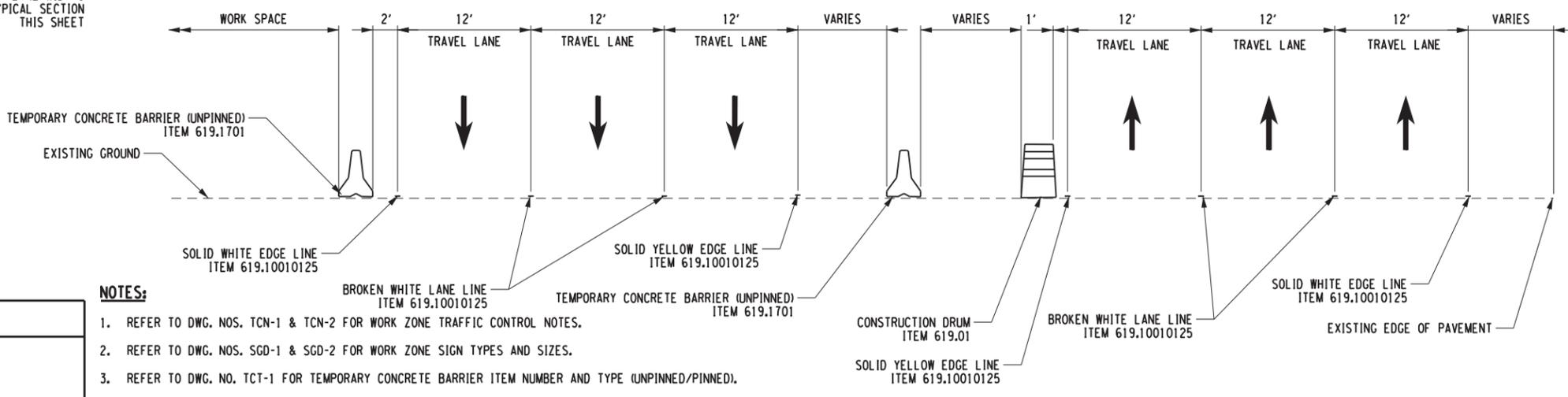
DESIGN SUPERVISOR: VDM



**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- T SIGN TEXT NUMBER
- PHASE 4 WORK SPACE

FOR LANE WIDTHS REFER TO TYPICAL SECTION THIS SHEET



**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
3. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
4. CONTRACTOR SHALL MAINTAIN TEMPORARY ASPHALT PAVEMENT TO THE SATISFACTION OF THE ENGINEER UNTIL THE NEW ACCESS ROAD IS COMPLETED AND OPERATIONAL.
5. CONTRACTOR SHALL NOT CONSTRUCT FINAL PROPOSED BARRIER UNTIL THE NEW ACCESS ROAD IS COMPLETED AND OPERATIONAL.

**TYPICAL SECTION**  
NOT TO SCALE



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**NEW YORK STATE THRUWAY AUTHORITY**  
 DEPARTMENT OF ENGINEERING  
 200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
 LOCATION OF PROJECT: ORANGE COUNTY  
 TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 4

CONTRACT NUMBER: TANY XX-X  
 DATE: XX/XX/XX  
 DRAWING NUMBER: TC-H13





XXX  
XXX

**NOTES:**

- 1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
- 2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- T SIGN TEXT NUMBER



CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

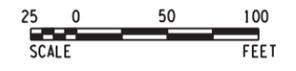
DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



MATCH TO DWG. NO. TC-H14

MATCH TO DWG. NO. TC-H16



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209



TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 4

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: TC-H15



MATCH TO DWG. NO. TC-H15

MATCH TO DWG. NO. TC-H14

MATCH TO DWG. NO. TC-H14

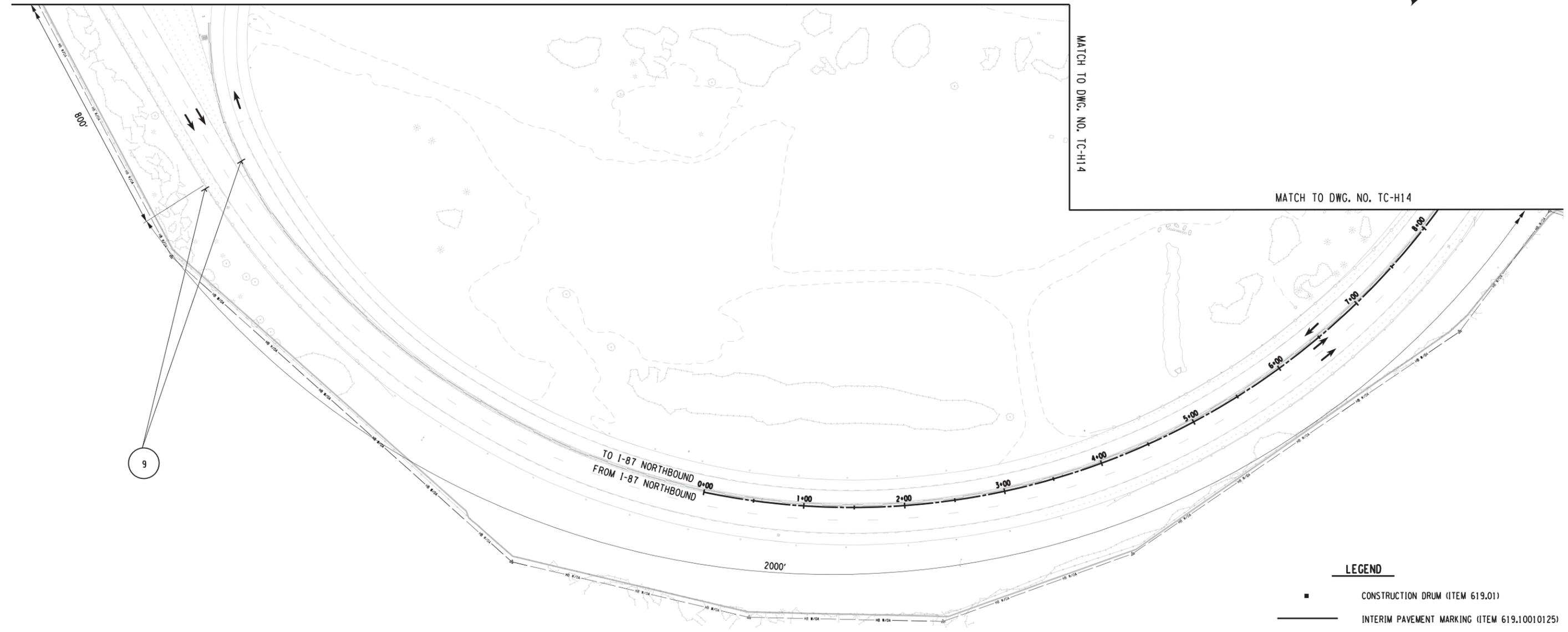
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- T SIGN TEXT NUMBER



**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209



TITLE OF PROJECT  
AETC CONVERSION OF  
HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT  
ORANGE COUNTY  
TITLE OF DRAWING  
HARRIMAN WORK ZONE  
TRAFFIC CONTROL  
PLAN - PHASE 4

CONTRACT NUMBER:  
**TANY XX-X**  
DATE:  
XX/XX/XX  
DRAWING NUMBER:  
**TC-H16**

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- + TEMPORARY SIGN (ITEM 619.01)
- ⊕ SIGN TEXT NUMBER

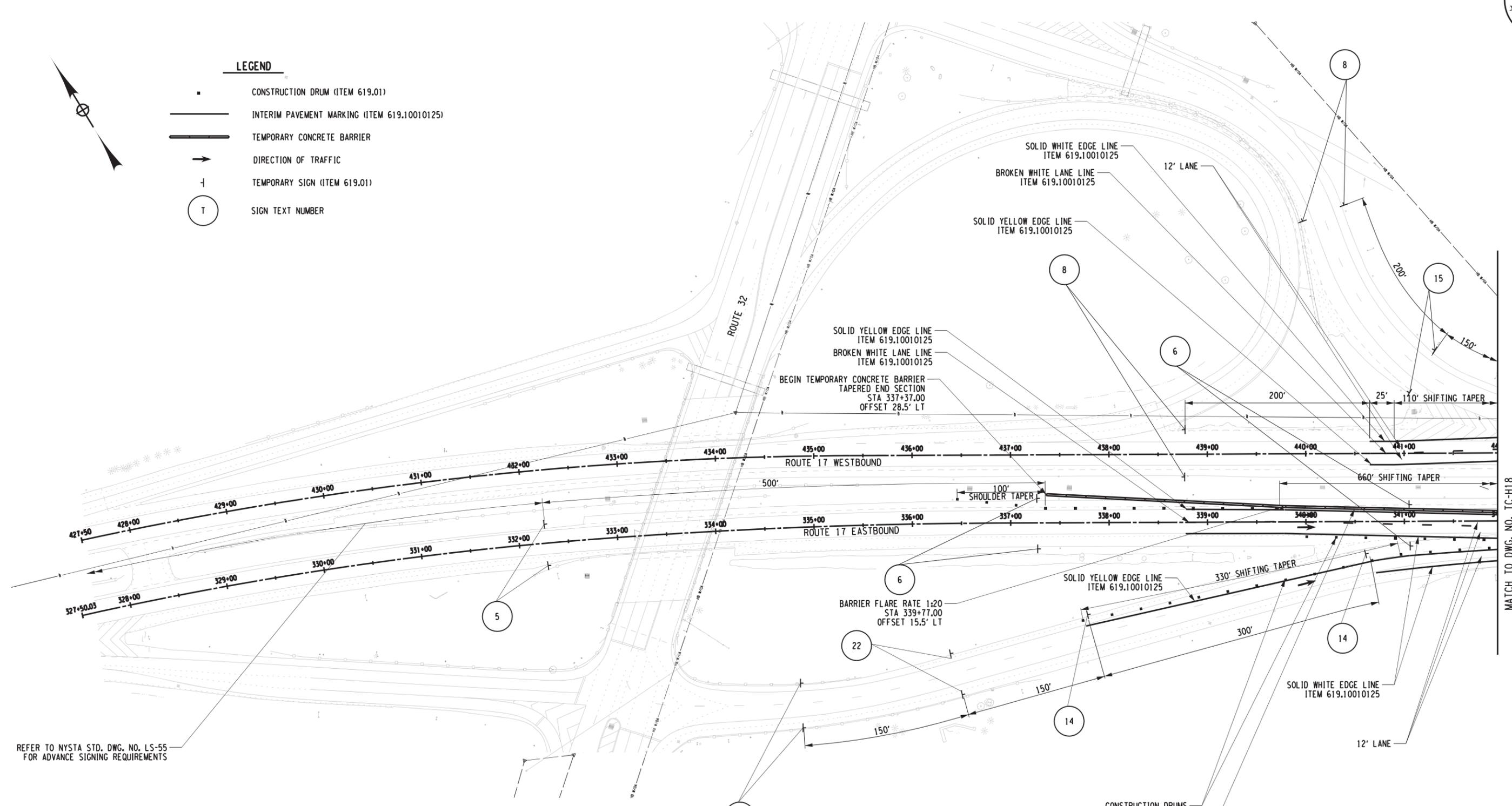
CHECKED BY: JMC

DRAWN BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



REFER TO NYSTA STD. DWG. NO. LS-55 FOR ADVANCE SIGNING REQUIREMENTS

MATCH TO DWG. NO. TC-H18

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
3. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209



TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 5

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: TC-H17



**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
3. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- ▭ PHASE 5 WORK SPACE
- SIGN TEXT NUMBER



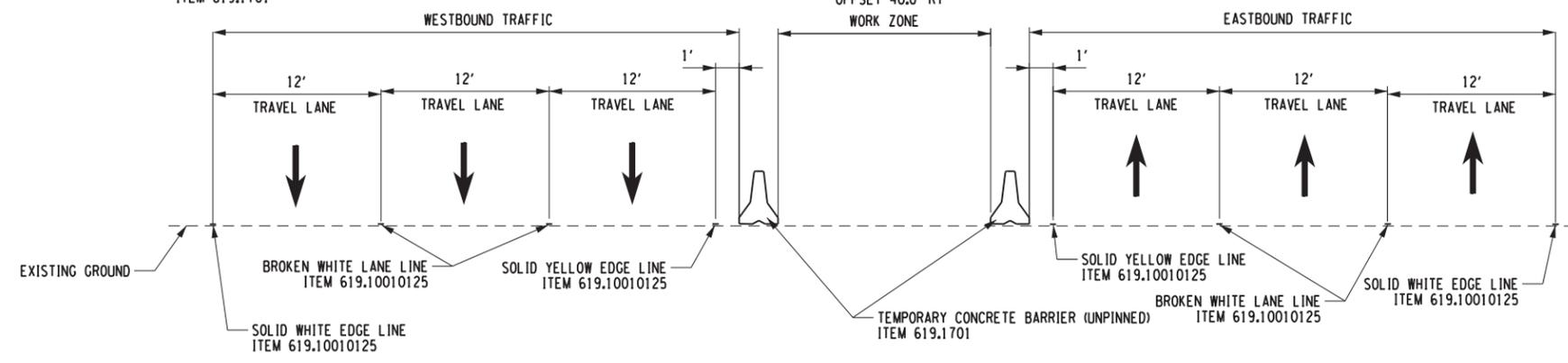
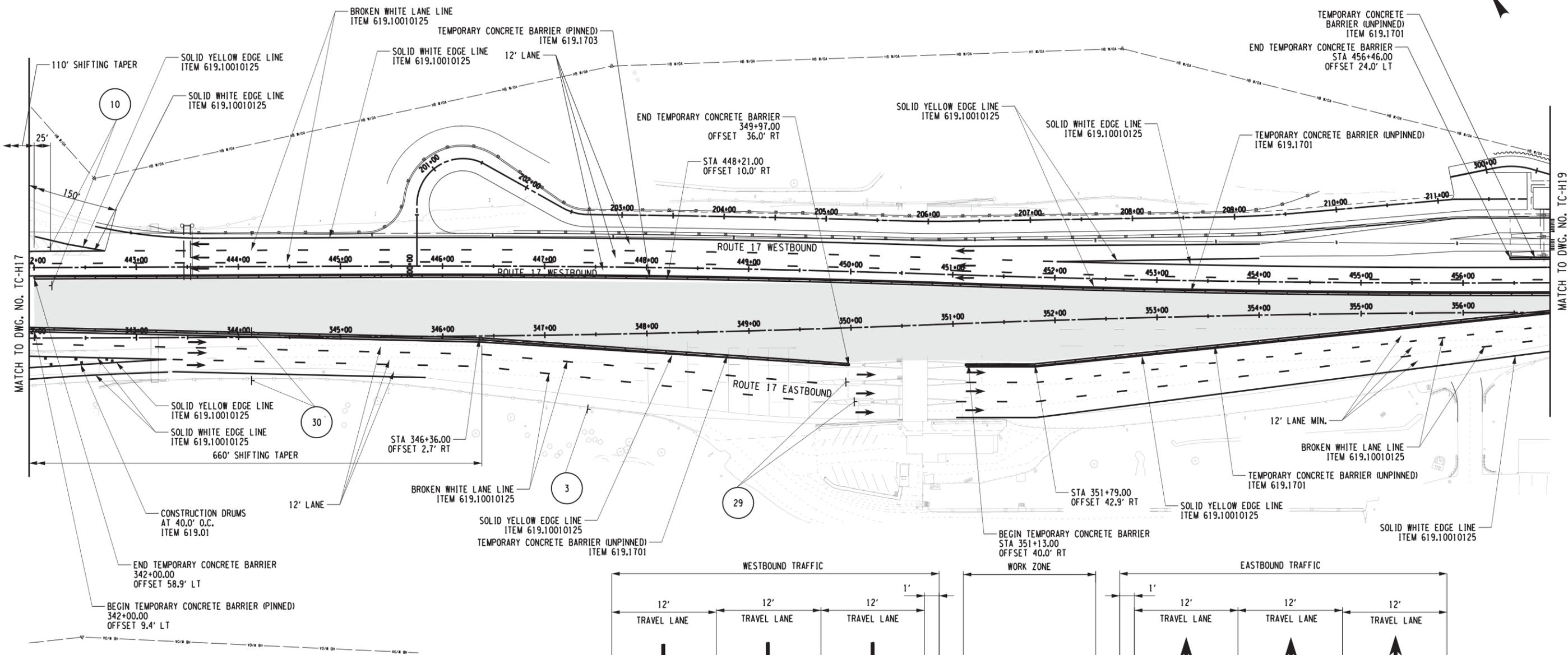
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



**TYPICAL SECTION**  
NOT TO SCALE



ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**NEW YORK STATE THRUWAY AUTHORITY**  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

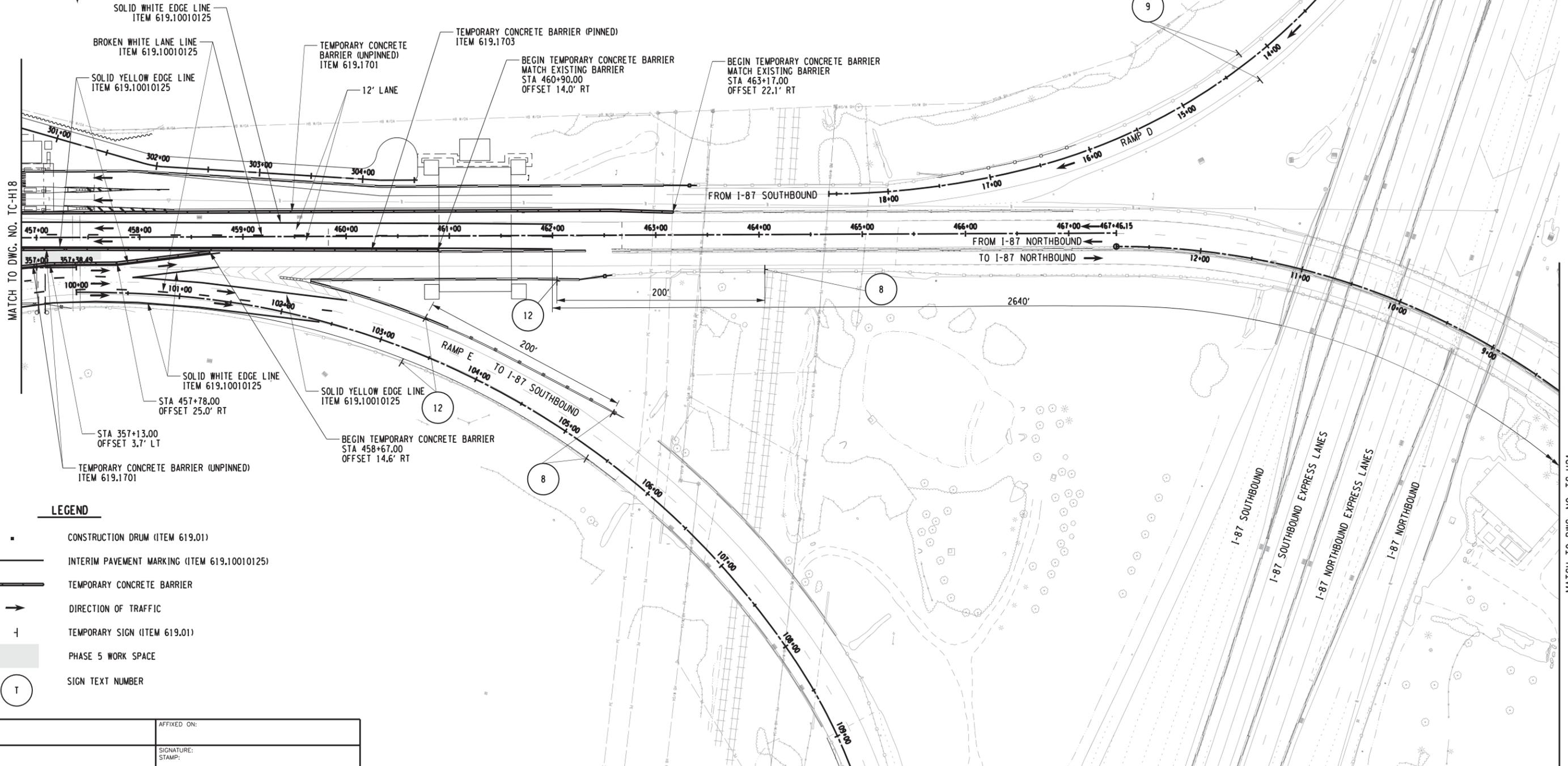
TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT: ORANGE COUNTY  
TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 5

CONTRACT NUMBER: TANY XX-X  
DATE: XX/XX/XX  
DRAWING NUMBER: TC-H18



**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
3. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
4. TEMPORARY PAVEMENT MARKINGS FOR ROUTE 17 WESTBOUND LANES FROM I-87 SOUTHBOUND (RAMP D) SHALL BE LAID OUT AS INDICATED ON FINAL SIGNING AND STRIPING PLANS. (SEE DWG. NOS. SSP-H1 TO SPP-H6)



CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- PHASE 5 WORK SPACE
- SIGN TEXT NUMBER

ALTERED ON:	AFFIXED ON:
SIGNATURE:	SIGNATURE:
STAMP:	STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



NEW YORK STATE THRUWAY AUTHORITY  
 DEPARTMENT OF ENGINEERING  
 200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT  
**ORANGE COUNTY**

TITLE OF DRAWING  
**HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 5**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**TC-H19**

MATCH TO DWG. NO. TC-H18

MATCH TO DWG. NO. TC-H21

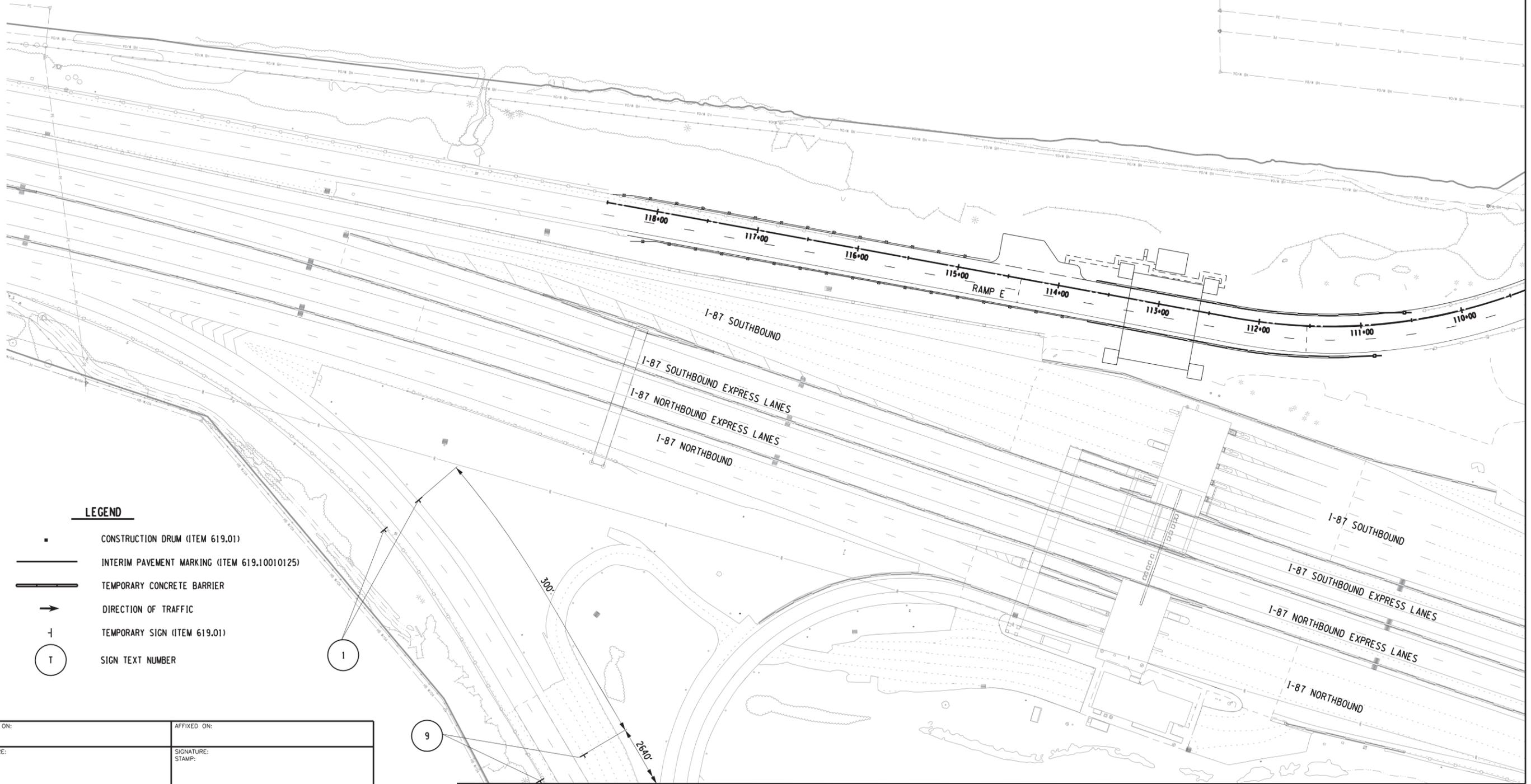
MATCH TO DWG. NO. TC-H20

MATCH TO DWG. NO. TC-H21

XXX  
XXX

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.



CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

MATCH TO DWG. NO. TC-H19

**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- T SIGN TEXT NUMBER

ALTERED ON:	AFFIXED ON:
SIGNATURE:	SIGNATURE:
STAMP:	STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

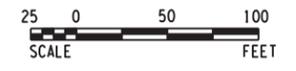


NEW YORK STATE THRUWAY AUTHORITY  
 DEPARTMENT OF ENGINEERING  
 200 SOUTHERN BLVD., ALBANY, N.Y. 12209



TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
 LOCATION OF PROJECT: ORANGE COUNTY  
 TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 5

CONTRACT NUMBER: TANY XX-X  
 DATE: XX/XX/XX  
 DRAWING NUMBER: TC-H20



MATCH TO DWG. NO. TC-H21



MATCH TO DWG. NO. TC-H20

MATCH TO DWG. NO. TC-H19

MATCH TO DWG. NO. TC-H19

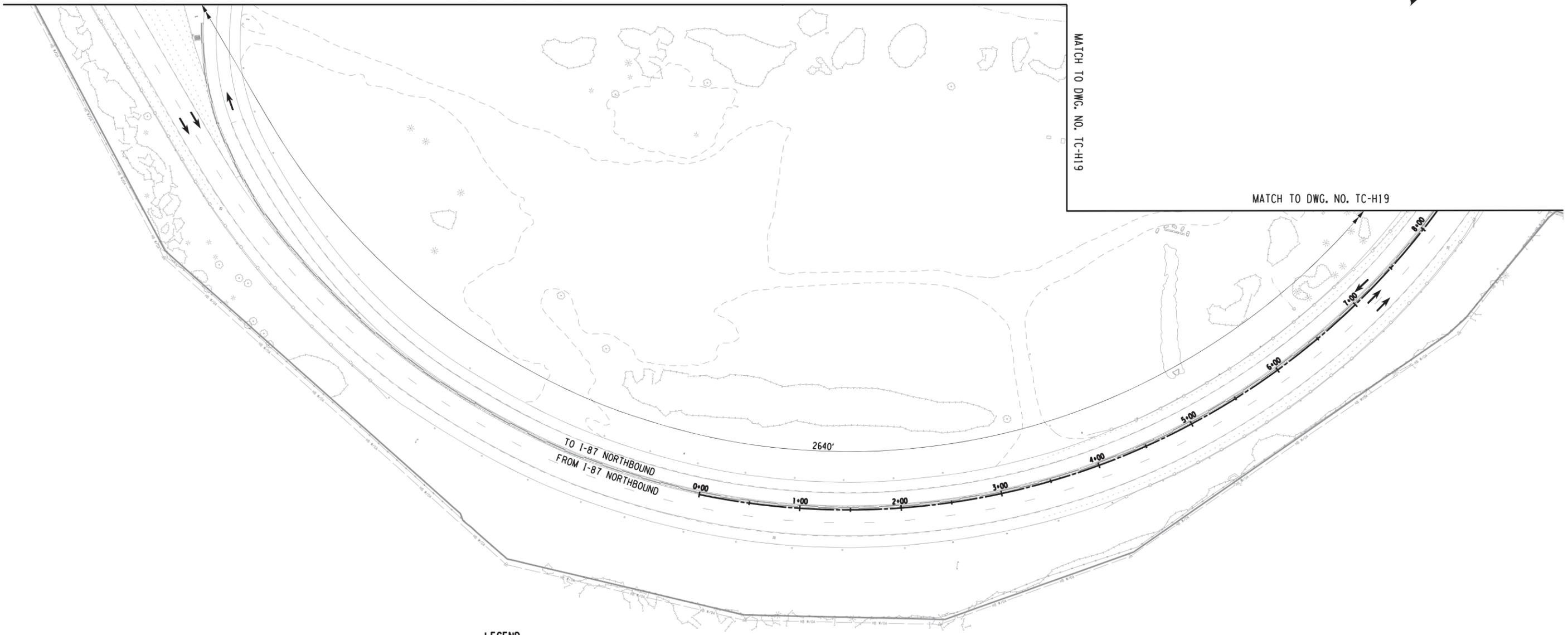
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- ⊙ T SIGN TEXT NUMBER

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



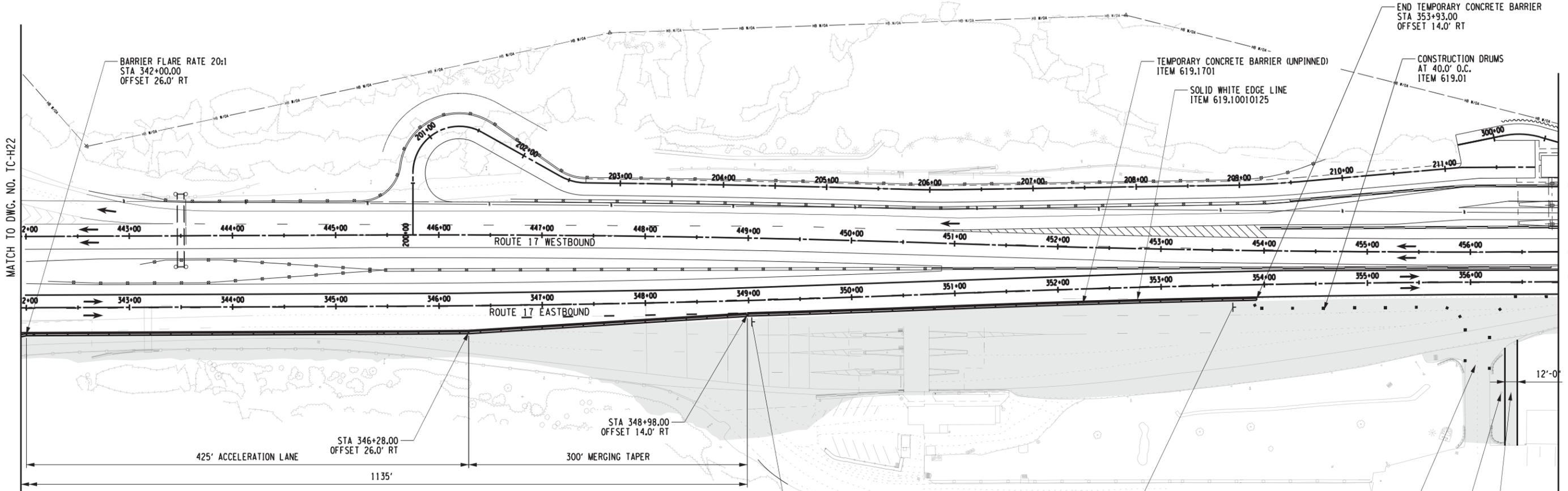
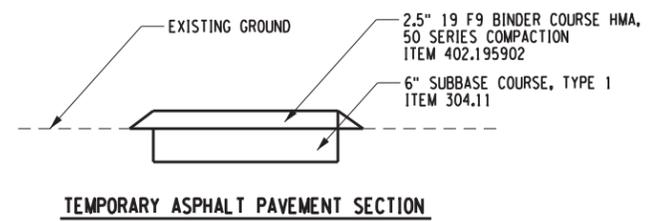
NEW YORK STATE THRUWAY AUTHORITY  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209



TITLE OF PROJECT:  
AETC CONVERSION OF  
HARRIMAN TOLL PLAZA  
LOCATION OF PROJECT:  
ORANGE COUNTY  
TITLE OF DRAWING:  
HARRIMAN WORK ZONE  
TRAFFIC CONTROL  
PLAN - PHASE 5

CONTRACT NUMBER:  
TANY XX-X  
DATE:  
XX/XX/XX  
DRAWING NUMBER:  
TC-H21





**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- TEMPORARY CONCRETE BARRIER
- ➔ DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- ⊙ T SIGN TEXT NUMBER
- PHASE 6 WORK SPACE

**NOTES:**

1. TEMPORARY PAVEMENT MARKINGS FOR ROUTE 17 WESTBOUND SHALL BE LAID OUT AS INDICATED ON FINAL SIGNING AND STRIPING PLANS. (SEE DWG. NOS. SSP-H1 TO SSP-H6)
2. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
3. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
4. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
5. CONTRACTOR SHALL CONSTRUCT TEMPORARY ONE LANE MAINTENANCE ENTRANCE TO BE UTILIZED DURING THE FULL DEPTH RECONSTRUCTION OF THE EXISTING MAINTENANCE ENTRANCE. THE CONTRACTOR SHALL ADJUST CONSTRUCTION DRUMS TO ALIGN WITH TEMPORARY ENTRANCE DURING MAINTENANCE ENTRANCE RECONSTRUCTION. THE CONTRACTOR SHALL PROVIDE NECESSARY FLAGGING OPERATIONS WHILE TEMPORARY ENTRANCE IS IN USE. AFTER THE RECONSTRUCTION IS COMPLETE, TRAFFIC SHALL BE MOVED BACK TO THE MAINTENANCE ENTRANCE AND THE TEMPORARY ENTRANCE REMOVED AND RESTORED TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO MAINTENANCE YARD AT ALL TIMES DURING CONSTRUCTION. SEE NOTE 5

CONTRACTOR SHALL VERIFY CLEARANCE OF UTILITY WIRES ON POLE OVER TEMPORARY MAINTENANCE ENTRANCE.

CONSTRUCT TEMPORARY ONE LANE MAINTENANCE ENTRANCE SEE NOTE 5



CHECKED BY: JMC

DRAWN BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

**CONCEPT SUBMITTAL  
NOT FOR CONSTRUCTION**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISIONS			
DATE	DESCRIPTION	BY	SYM.



**NEW YORK STATE THRUWAY AUTHORITY**  
DEPARTMENT OF ENGINEERING  
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

TITLE OF PROJECT:  
**AETC CONVERSION OF HARRIMAN TOLL PLAZA**

LOCATION OF PROJECT:  
**ORANGE COUNTY**

TITLE OF DRAWING:  
**HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 6**

CONTRACT NUMBER:  
**TANY XX-X**

DATE:  
**XX/XX/XX**

DRAWING NUMBER:  
**TC-H23**

**NOTES:**

1. REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
2. REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
3. PAVEMENT MARKINGS FOR THE NORTHERN MOST ROUTE 17 WESTBOUND LANES SHALL BE FINAL MARKINGS AS PER SIGNING AND STRIPING PLANS.

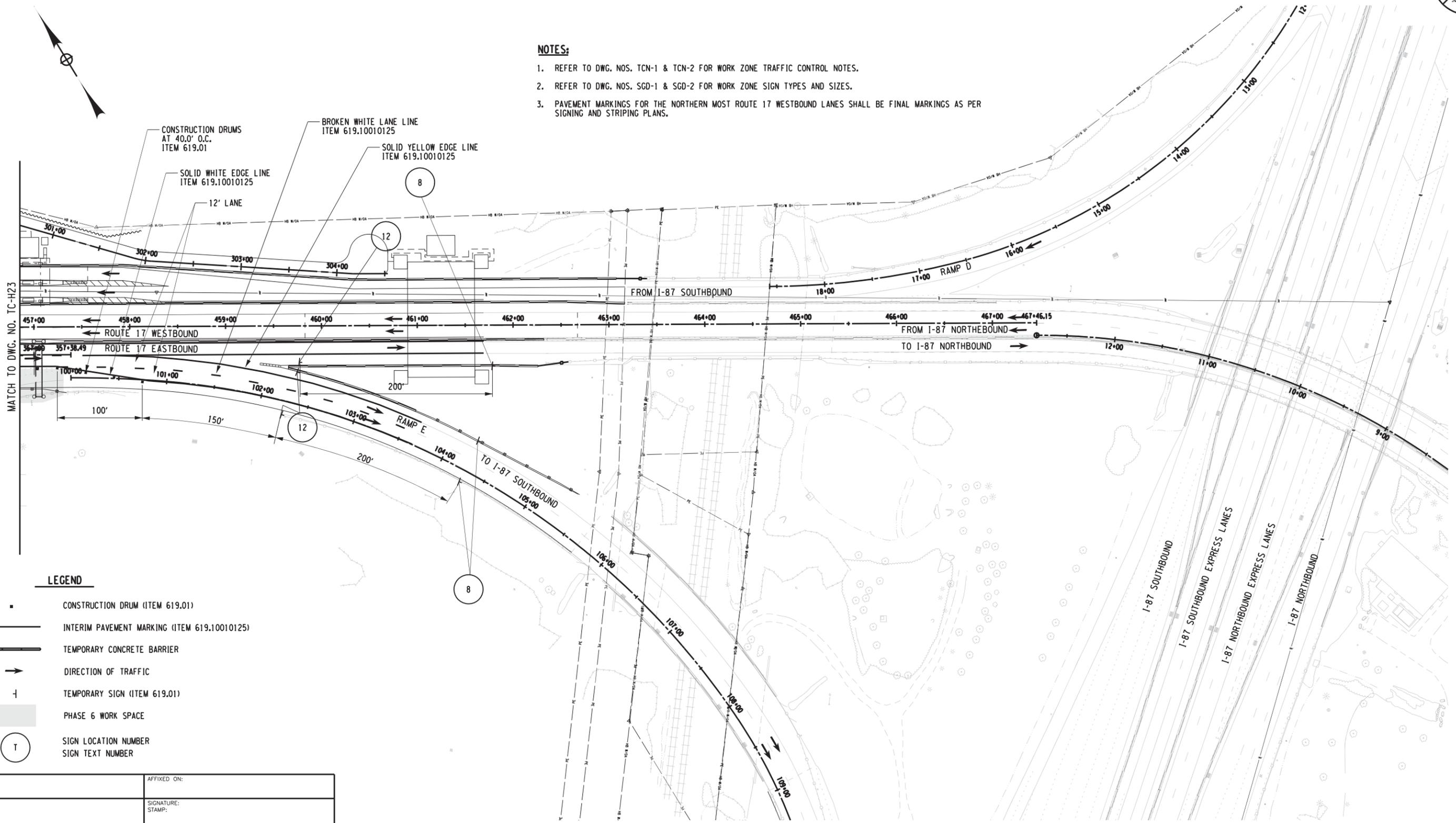
CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM



**LEGEND**

- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- ▬ TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- ⊥ TEMPORARY SIGN (ITEM 619.01)
- PHASE 6 WORK SPACE
- SIGN LOCATION NUMBER
- SIGN TEXT NUMBER

ALTERED ON:	AFFIXED ON:
SIGNATURE:	SIGNATURE:
STAMP:	STAMP:

**CONCEPT SUBMITTAL**  
**NOT FOR CONSTRUCTION**



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REVISIONS			
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TITLE OF PROJECT: AETC CONVERSION OF HARRIMAN TOLL PLAZA  
 LOCATION OF PROJECT: ORANGE COUNTY  
 TITLE OF DRAWING: HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 6

CONTRACT NUMBER: TANY XX-X  
 DATE: XX/XX/XX  
 DRAWING NUMBER: TC-H24