



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

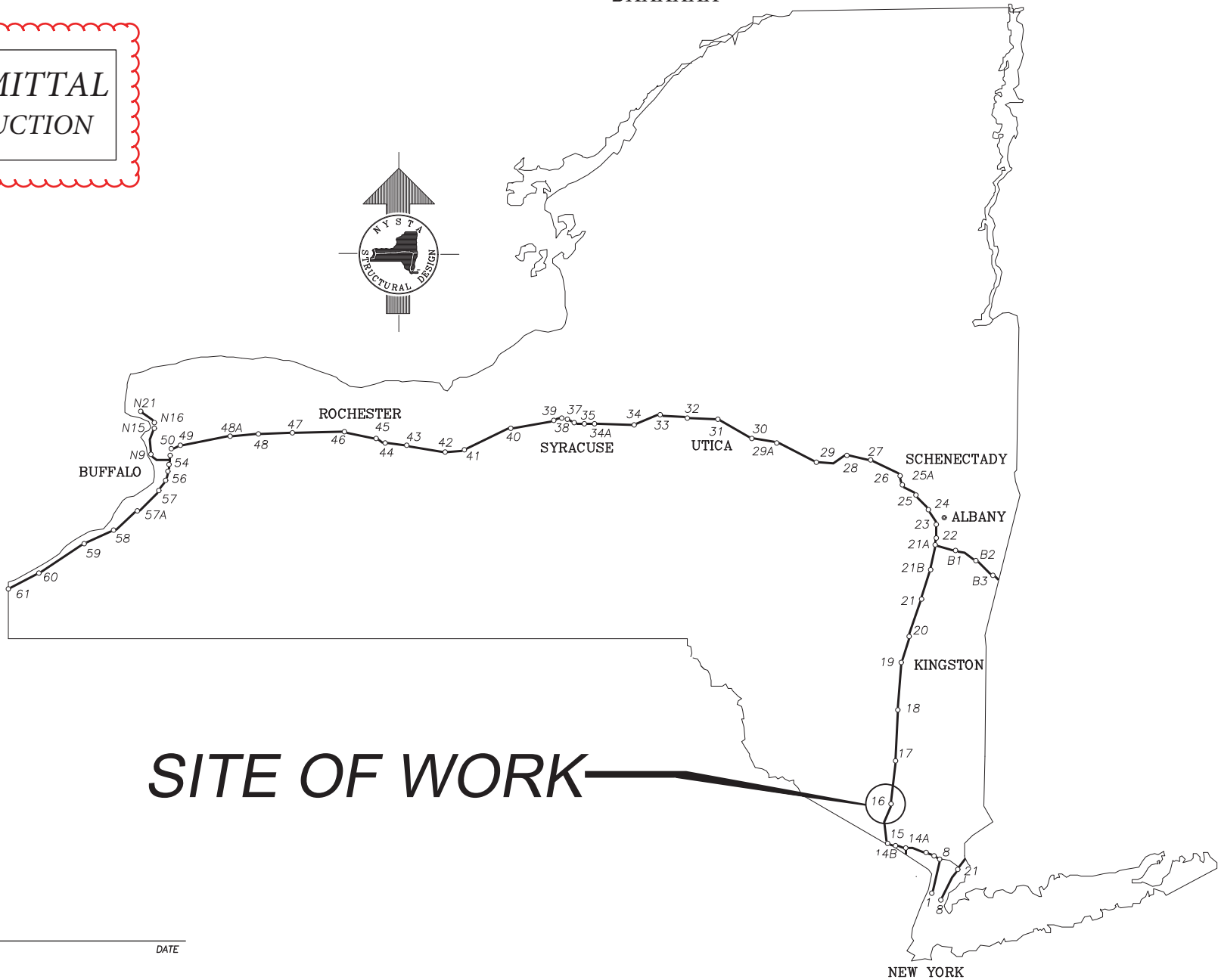
MILEPOST 45.25
IN
ORANGE COUNTY

XXX SHEETS

TANY XX-X

DXXXXXX

CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION



DIG SAFELY NEW YORK
UNDERGROUND FACILITIES PROTECTION ORGANIZATION
CALL 811

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 NYSDOT, 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.

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:

TRAFFIC ENGINEER

DATE

RECOMMENDED BY:

DIRECTOR, OFFICE OF CONSTRUCTION MANAGEMENT

DATE

RECOMMENDED BY:

DIRECTOR OF MAINTENANCE AND OPERATIONS

DATE

RECOMMENDED BY:

ASSISTANT CHIEF ENGINEER

DATE

APPROVED BY:

CHIEF ENGINEER

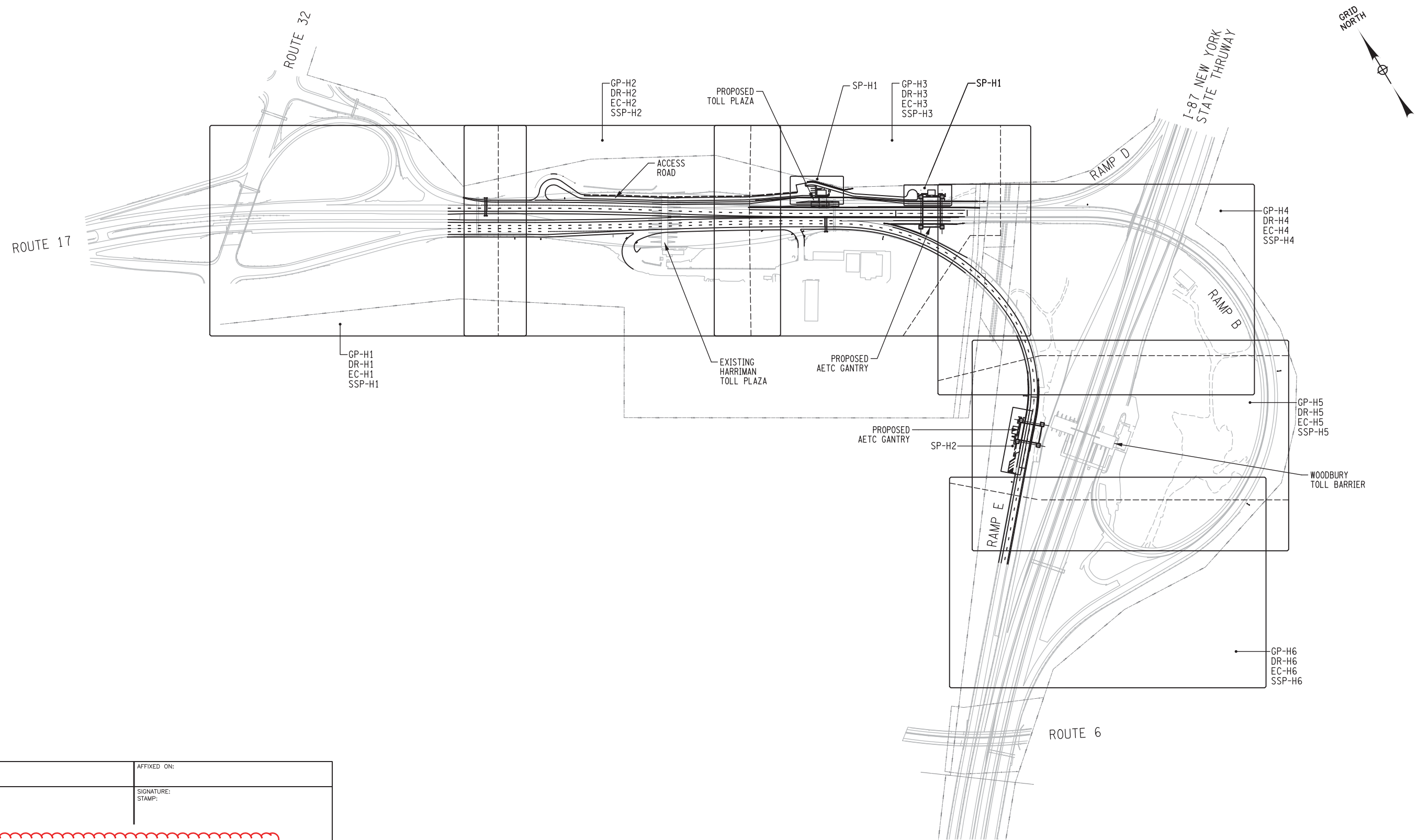
DATE

REVIEWED BY

PROJECT MANAGER

BUREAU DIRECTOR

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




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

CONCEPT SUBMITTAL
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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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

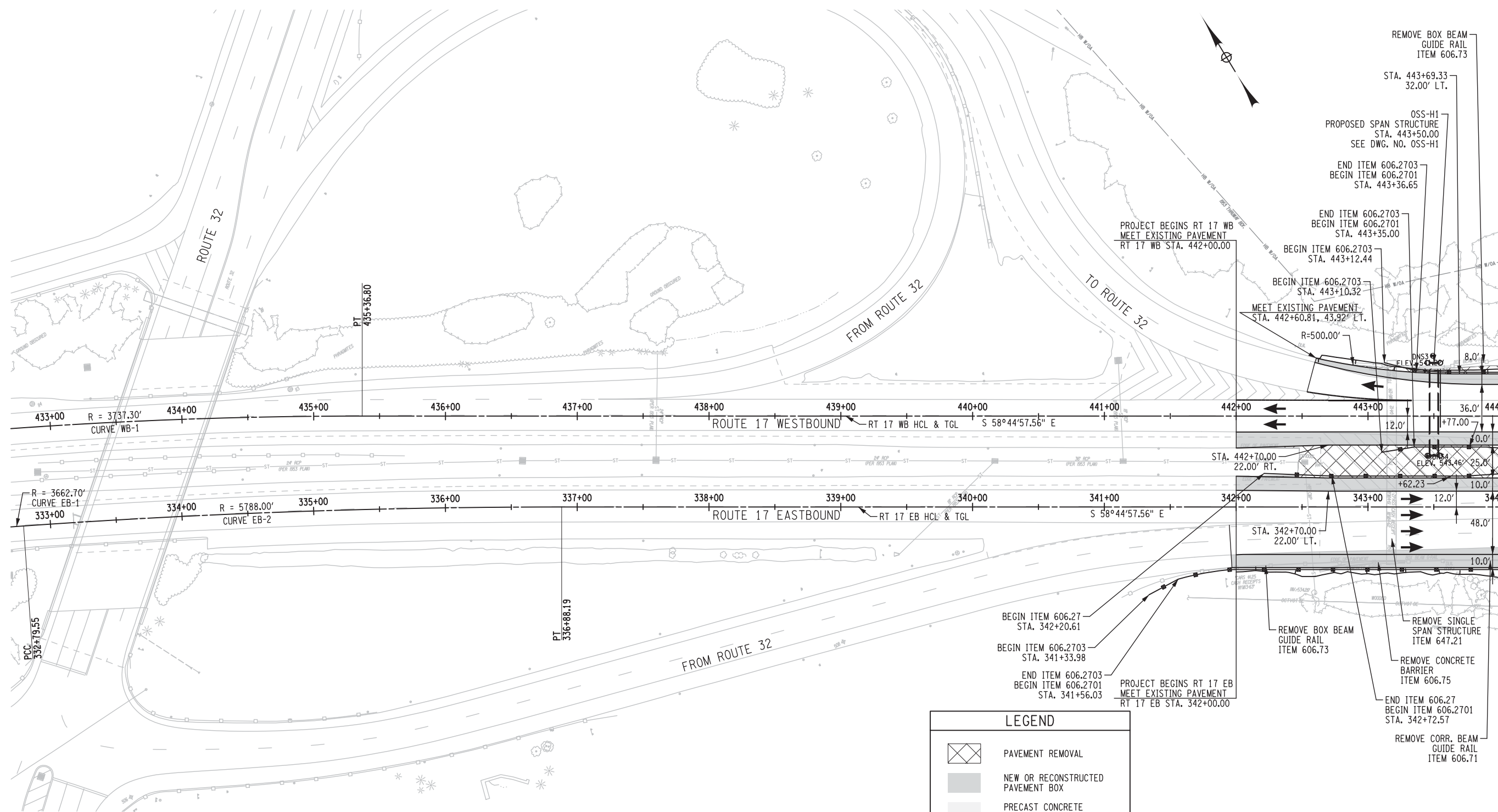
HNTB HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT AETC CONVERSION OF HARRIMAN TOLL PLAZA	CONTRACT NUMBER: TANY XX-X
LOCATION OF PROJECT ORANGE COUNTY	DATE: XX/XX/XX
TITLE OF DRAWING HARRIMAN TOLL PLAZA KEY PLAN	DRAWING NUMBER: KY-H1



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

XXX
XXX



MATCH LINE TO DWG. NO. GP-H2

LEGEND

	PAVEMENT REMOVAL
	NEW OR RECONSTRUCTED PAVEMENT BOX
	PRECAST CONCRETE PAVEMENT SLABS

- NOTES:**
- SEE DWG. NO. MT-H3 FOR LIMITS OF GUIDE RAIL INSTALLATION AND REMOVAL.
 - 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"

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

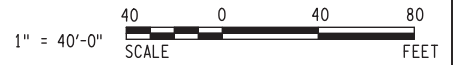
LOCATION OF PROJECT
ORANGE COUNTY

TITLE OF DRAWING
HARRIMAN TOLL PLAZA GENERAL PLAN

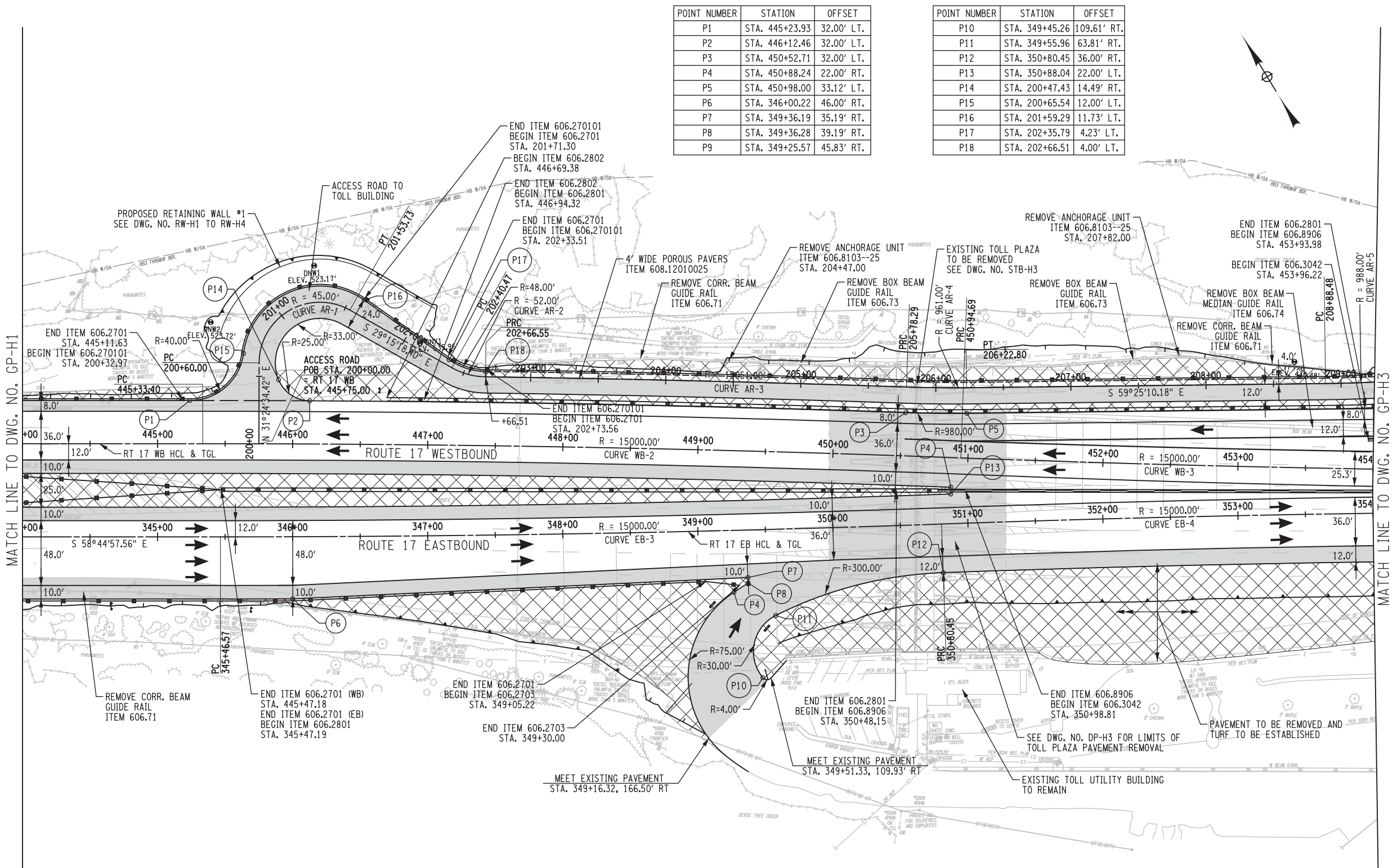
CONTRACT NUMBER:
TANY XX-X

DATE:
XX/XX/XX

DRAWING NUMBER:
GP-H1



DESIGNED BY: J. ZHANG
CHECKED BY: J.P. RAVETIER
DRAFTED BY: L. WOLFE
CHECKED BY: J.P. RAVETIER



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.

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.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. = 450+94.69	P.T. = 456+55.97	P.T. = 201+53.73	P.R.C. = 205+78.29	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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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

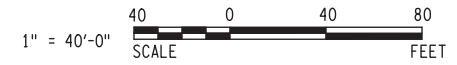
LOCATION OF PROJECT
ORANGE COUNTY

TITLE OF DRAWING
HARRIMAN TOLL PLAZA GENERAL PLAN

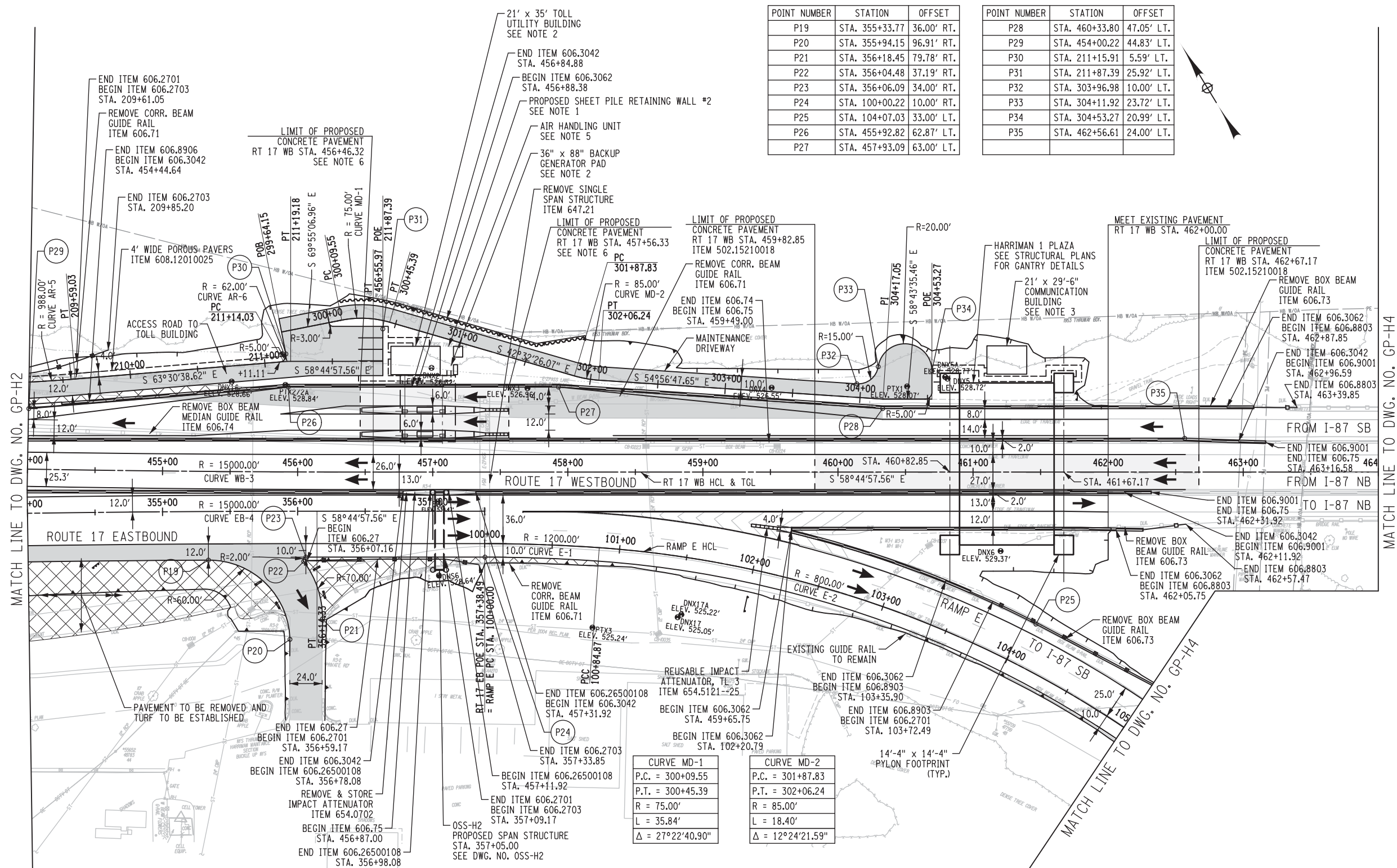
CONTRACT NUMBER:
TANY XX-X

DATE:
XX/XX/XX

DRAWING NUMBER:
GP-H2



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

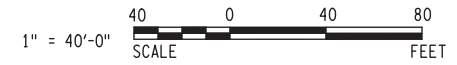


POINT NUMBER	STATION	OFFSET
P19	STA. 355+33.77	36.00' RT.
P20	STA. 355+94.15	96.91' RT.
P21	STA. 356+18.45	79.78' RT.
P22	STA. 356+04.48	37.19' RT.
P23	STA. 356+06.09	34.00' RT.
P24	STA. 100+00.22	10.00' RT.
P25	STA. 104+07.03	33.00' LT.
P26	STA. 455+92.82	62.87' LT.
P27	STA. 457+93.09	63.00' LT.

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.

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"
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- 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

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-H3

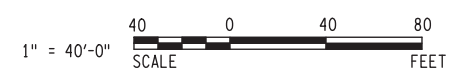


ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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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-H4



XXX
XXX

MATCH LINE TO DWG. NO. GP-H4

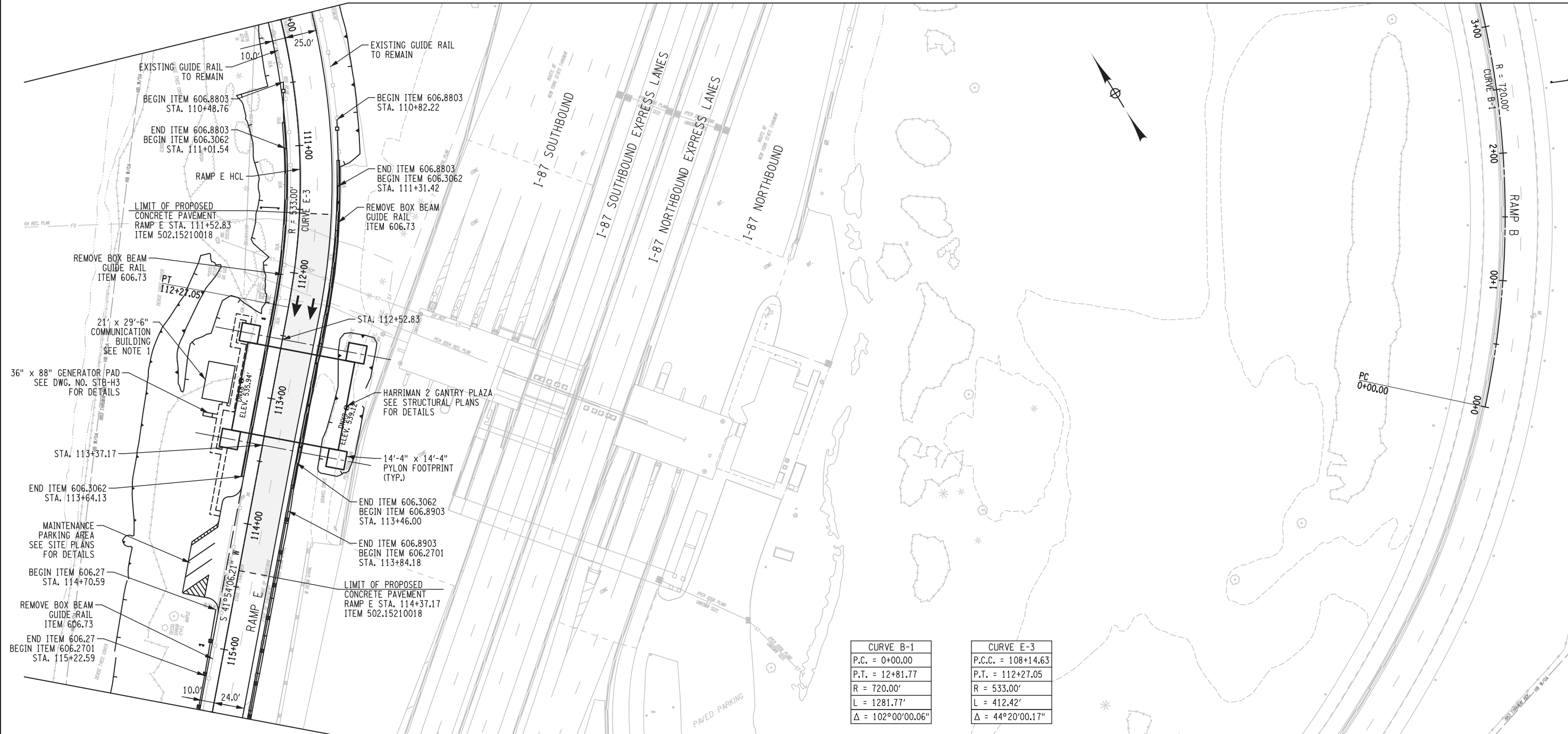
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



MATCH LINE TO DWG. NO. GP-H6

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

CONCEPT SUBMITTAL
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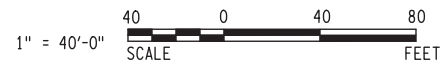
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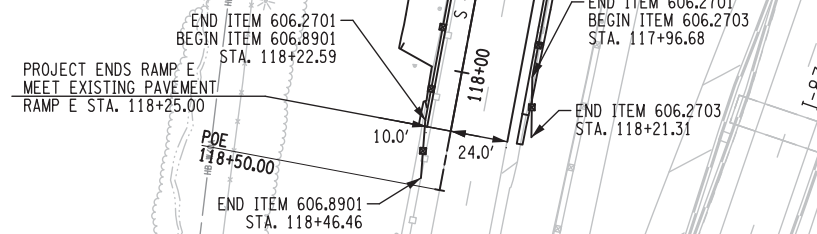
REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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	CONTRACT NUMBER: TANY XX-X DATE: XX/XX/XX DRAWING NUMBER: GP-H5
HNTB HNTB NY ENGINEERING & ARCHITECTURE, P.C.	TITLE OF DRAWING HARRIMAN TOLL PLAZA GENERAL PLAN	

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



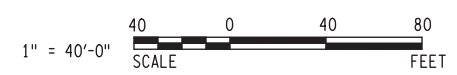


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<i>REVISIONS</i>			
DATE	DESCRIPTION	BY	SYM.



CONTRACT NUMBER:	TANY XX-X
DATE:	XX/XX/XX
DRAWING NUMBER:	GP-H6



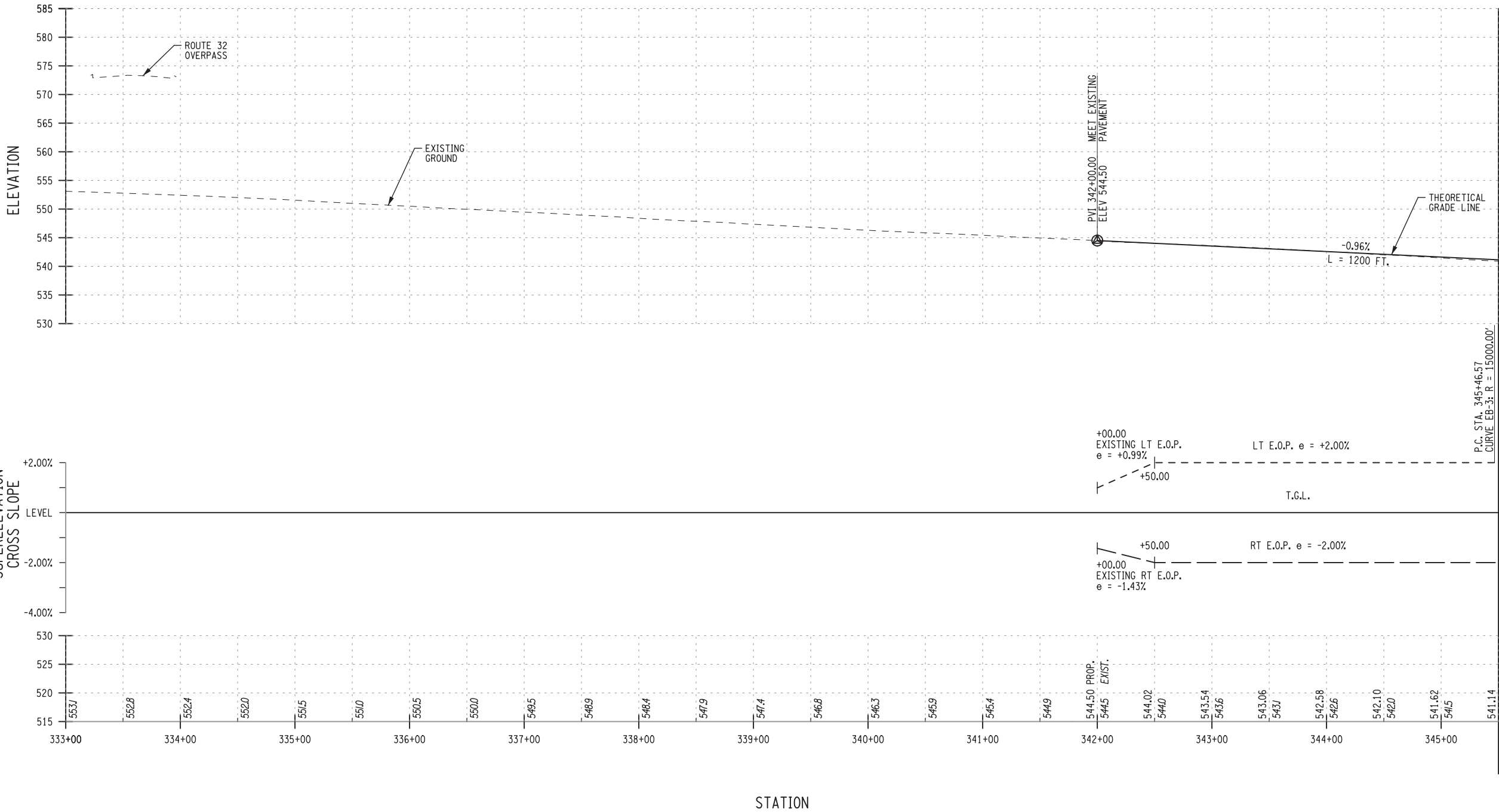
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

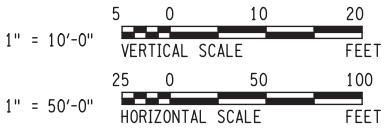
DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



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

ROUTE 17 EASTBOUND PROFILE



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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

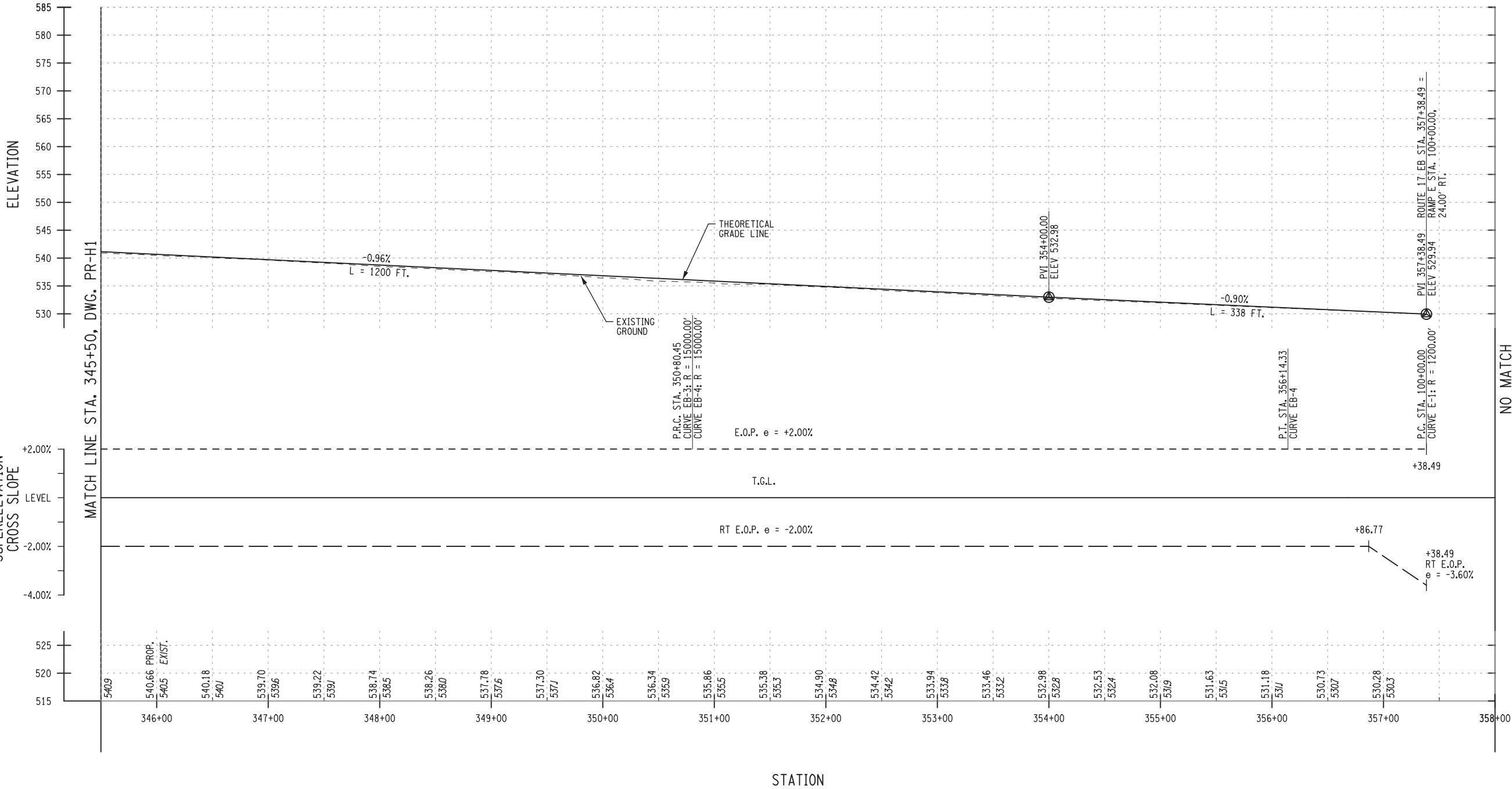
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

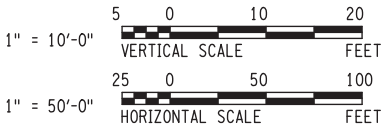
CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



ROUTE 17 EASTBOUND PROFILE



ALTERED ON: _____

AFFIXED ON: _____

SIGNATURE: _____

STAMP: _____

SIGNATURE: _____

STAMP: _____

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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 ROUTE 17 EASTBOUND PROFILE	DRAWING NUMBER: PR-H2

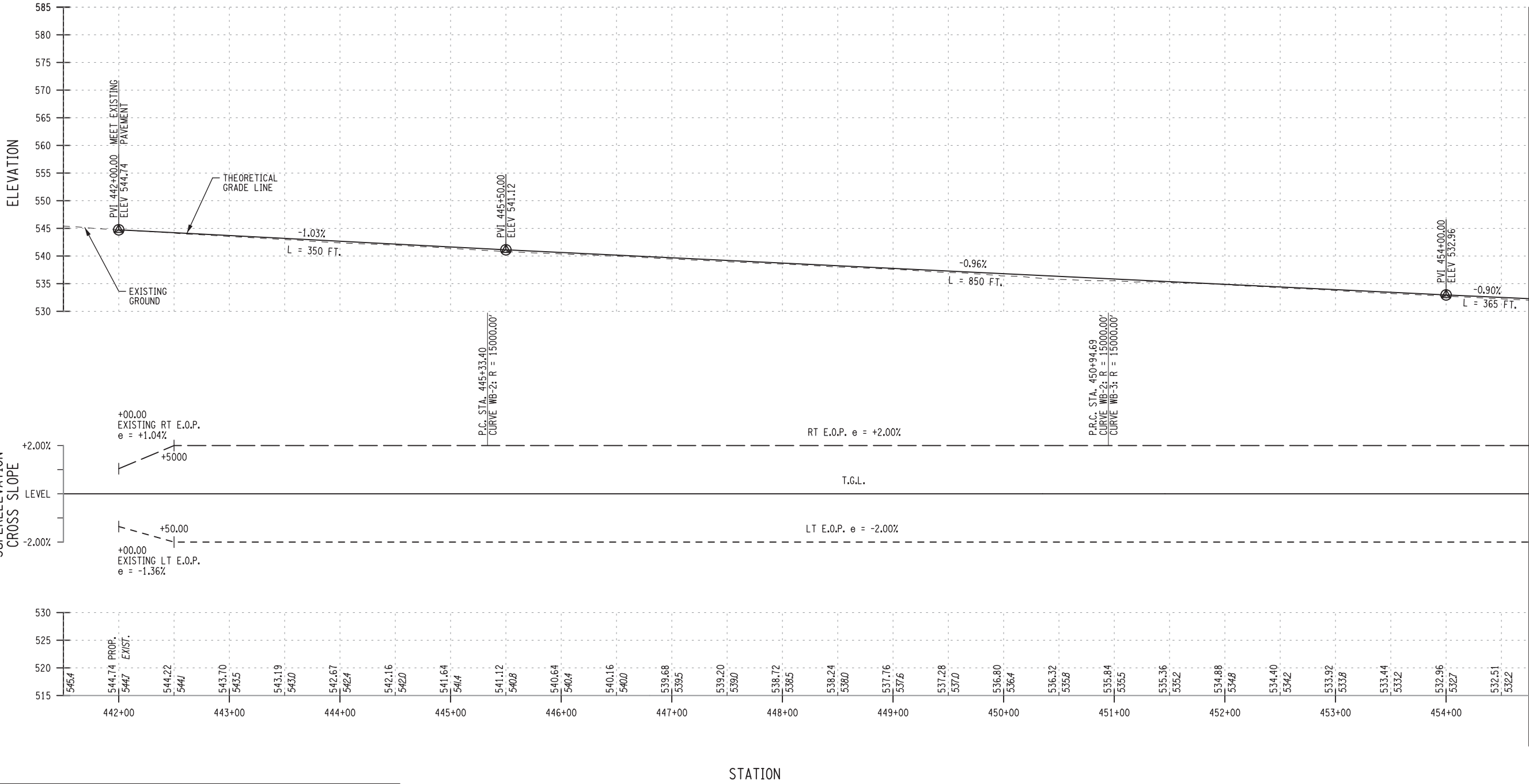
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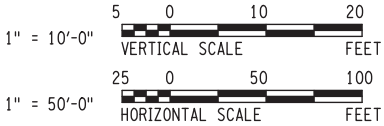
DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



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

ROUTE 17 WESTBOUND PROFILE



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	CONTRACT NUMBER: TANY XX-X
LOCATION OF PROJECT ORANGE COUNTY	DATE: XX/XX/XX
TITLE OF DRAWING HARRIMAN TOLL PLAZA ROUTE 17 WESTBOUND PROFILE	DRAWING NUMBER: PR-H3

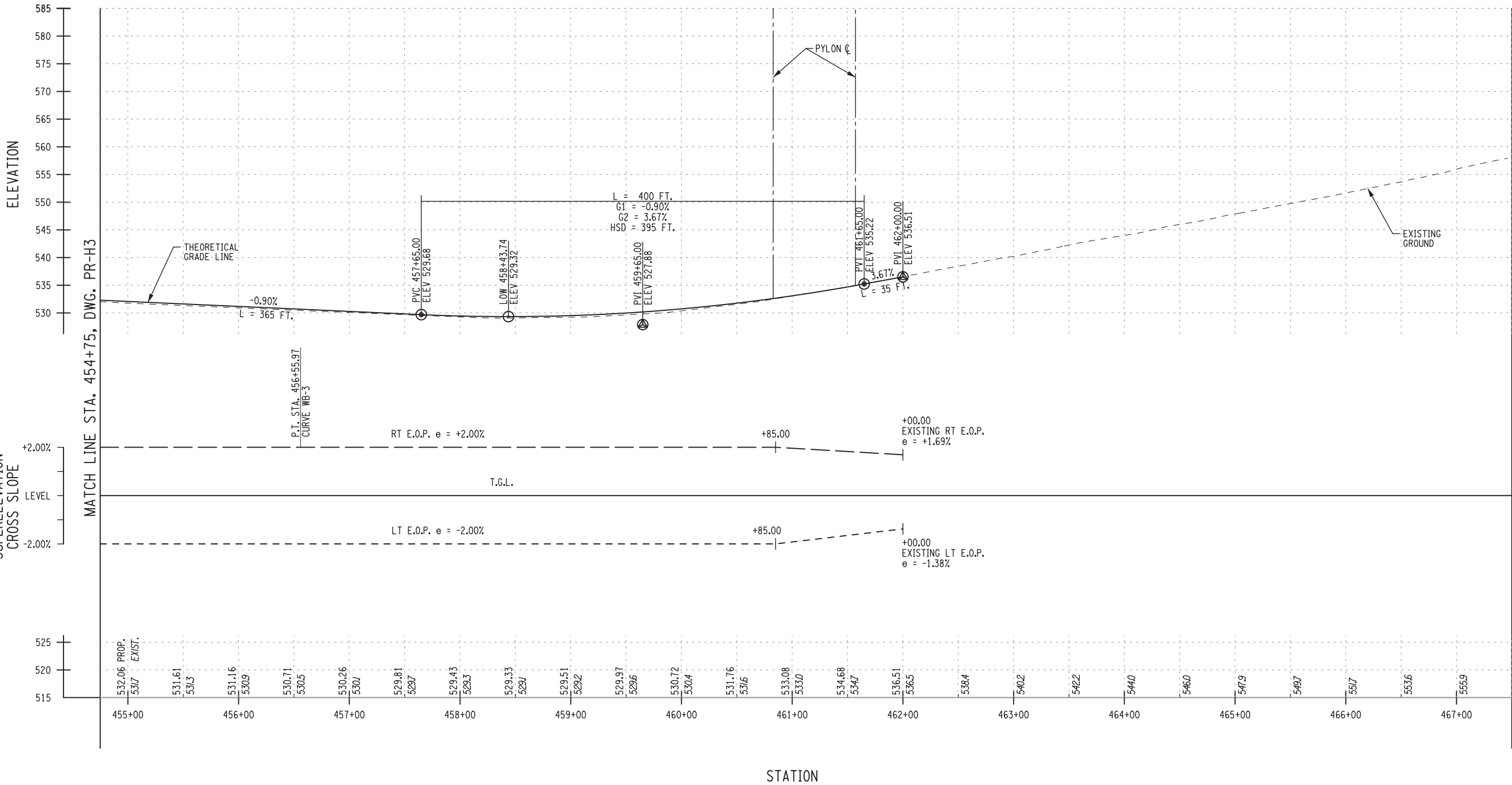
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

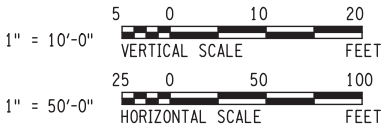
CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



ROUTE 17 WESTBOUND PROFILE



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-H4

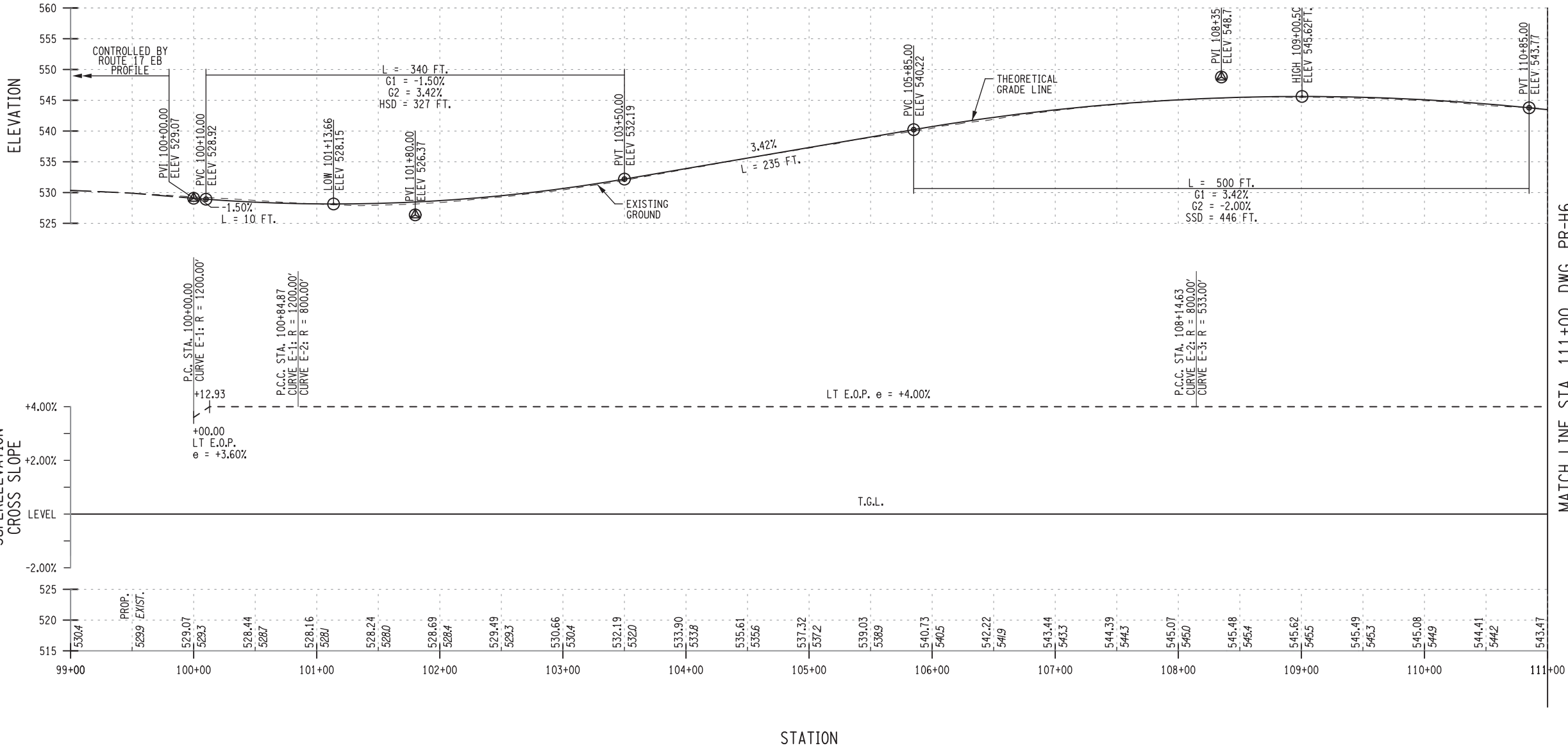
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



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

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

CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION

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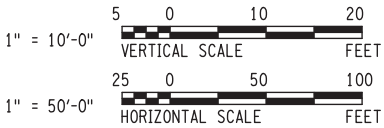
REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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	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-H5



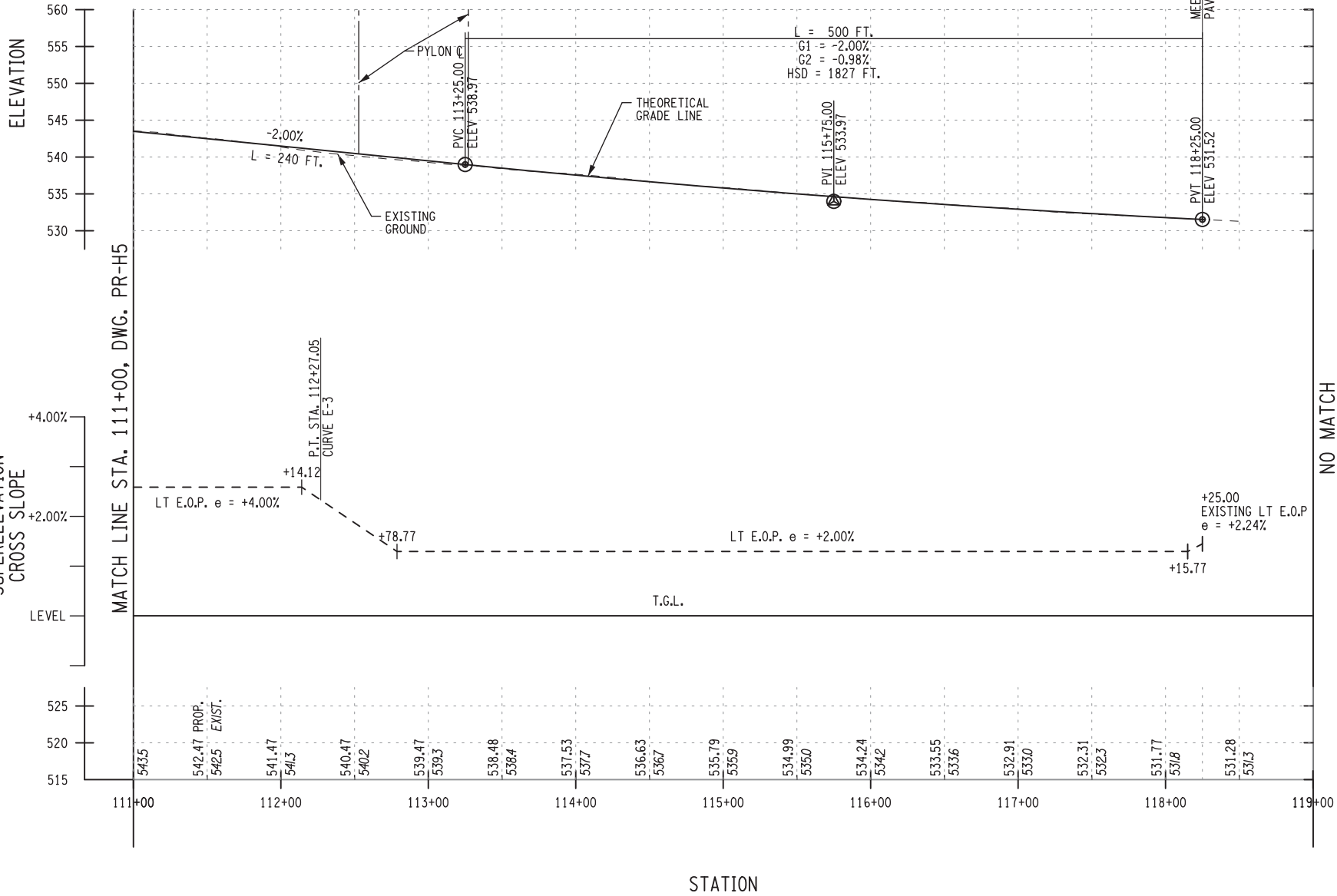
CHECKED BY: J.P. RAVETIER

DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: J. ZHANG

DESIGN SUPERVISOR: E. KRISTIANSEN



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

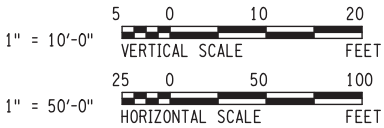
LOCATION OF PROJECT
ORANGE COUNTY

TITLE OF DRAWING
HARRIMAN TOLL PLAZA
RAMP E PROFILE

CONTRACT NUMBER:
TANY XX-X

DATE:
XX/XX/XX

DRAWING NUMBER:
PR-H6



CHECKED BY: J.P. RAVETIER

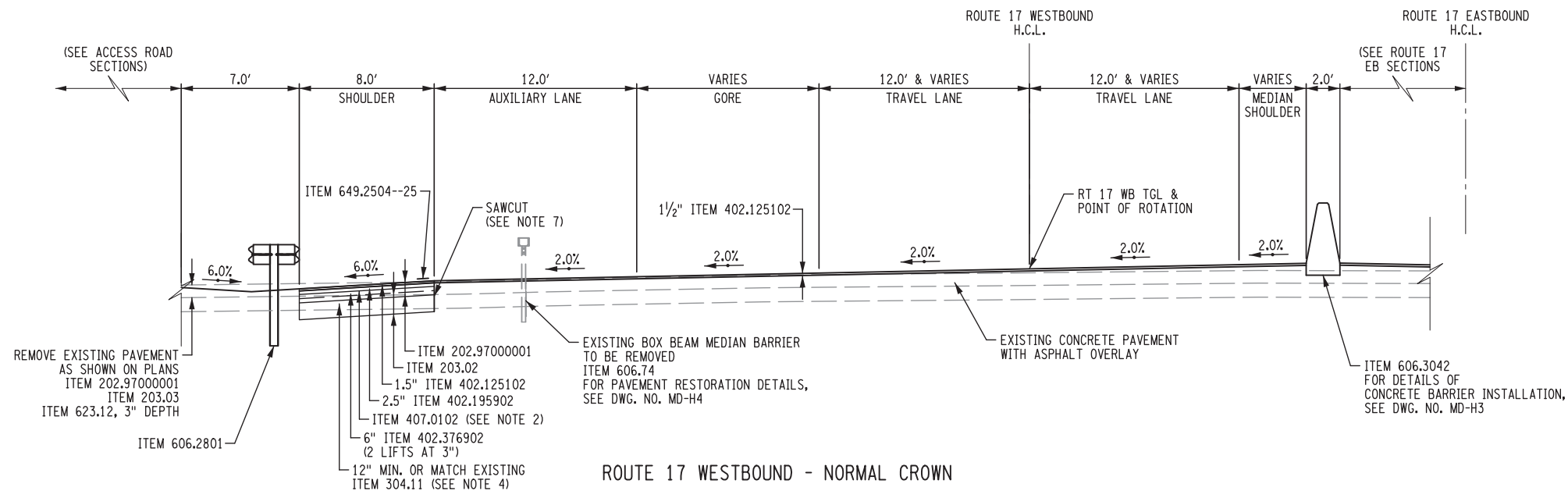
DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

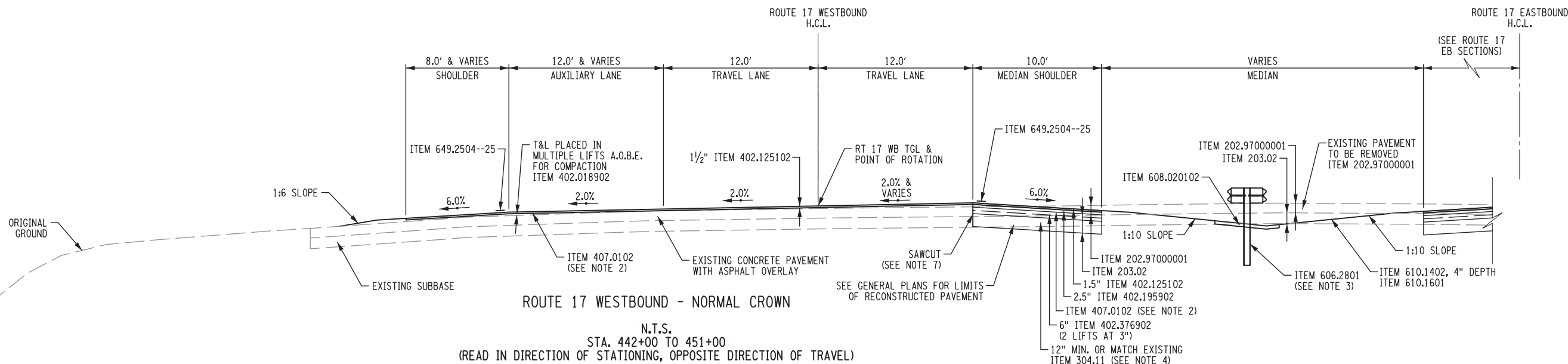
DESIGNED BY: E. KRISTIANSEN

DESIGN SUPERVISOR: E. KRISTIANSEN

XXX
XXX



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	

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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

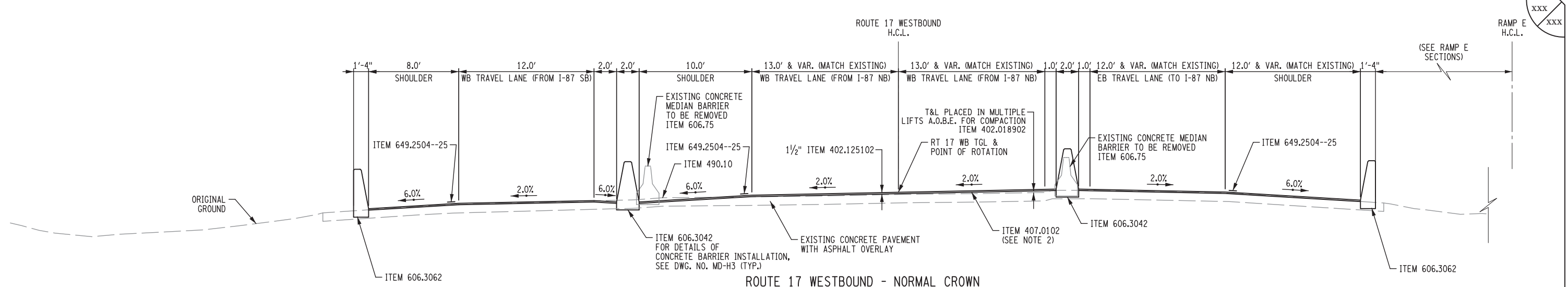
HNTB HNTB NY ENGINEERING
& ARCHITECTURE, P.C.

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

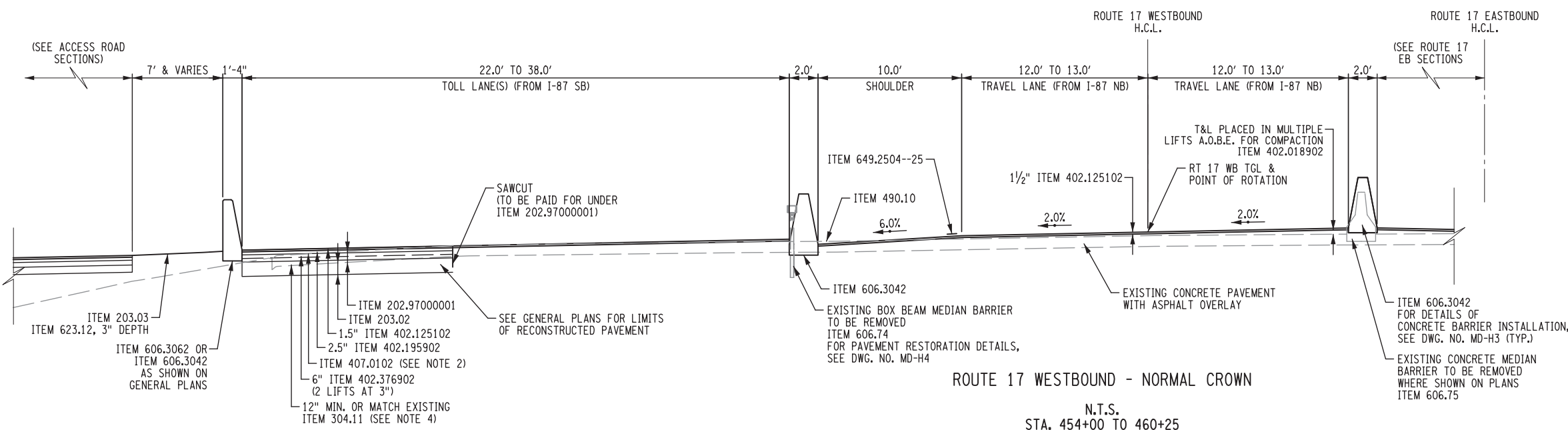
CONTRACT NUMBER:
TANY XX-X
DATE:
XX/XX/XX
DRAWING NUMBER:
TS-H1

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



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/SOULDER 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 NYSDOT 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	

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.

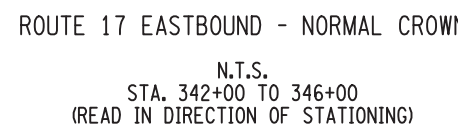



NEW YORK STATE THRUWAY AUTHORITY
DEPARTMENT OF ENGINEERING
200 SOUTHERN BLVD., ALBANY, N.Y. 12209

HNTB HNTB NY ENGINEERING & ARCHITECTURE, P.C.

TITLE OF PROJECT	CONTRACT NUMBER:
AETC CONVERSION OF HARRIMAN TOLL PLAZA	TANY XX-X
LOCATION OF PROJECT	DATE:
ORANGE COUNTY	XX/XX/XX
TITLE OF DRAWING	DRAWING NUMBER:
HARRIMAN TOLL PLAZA TYPICAL SECTIONS	TS-H2

CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION



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	DATE	DESCRIPTION	BY	SYM.			LOCATION OF PROJECT ORANGE COUNTY	DATE: XX/XX/XX	
							TITLE OF DRAWING HARRIMAN TOLL PLAZA TYPICAL SECTIONS		DRAWING NUMBER: TS-H3

CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION

CHECKED BY: J.P. RAVETIER

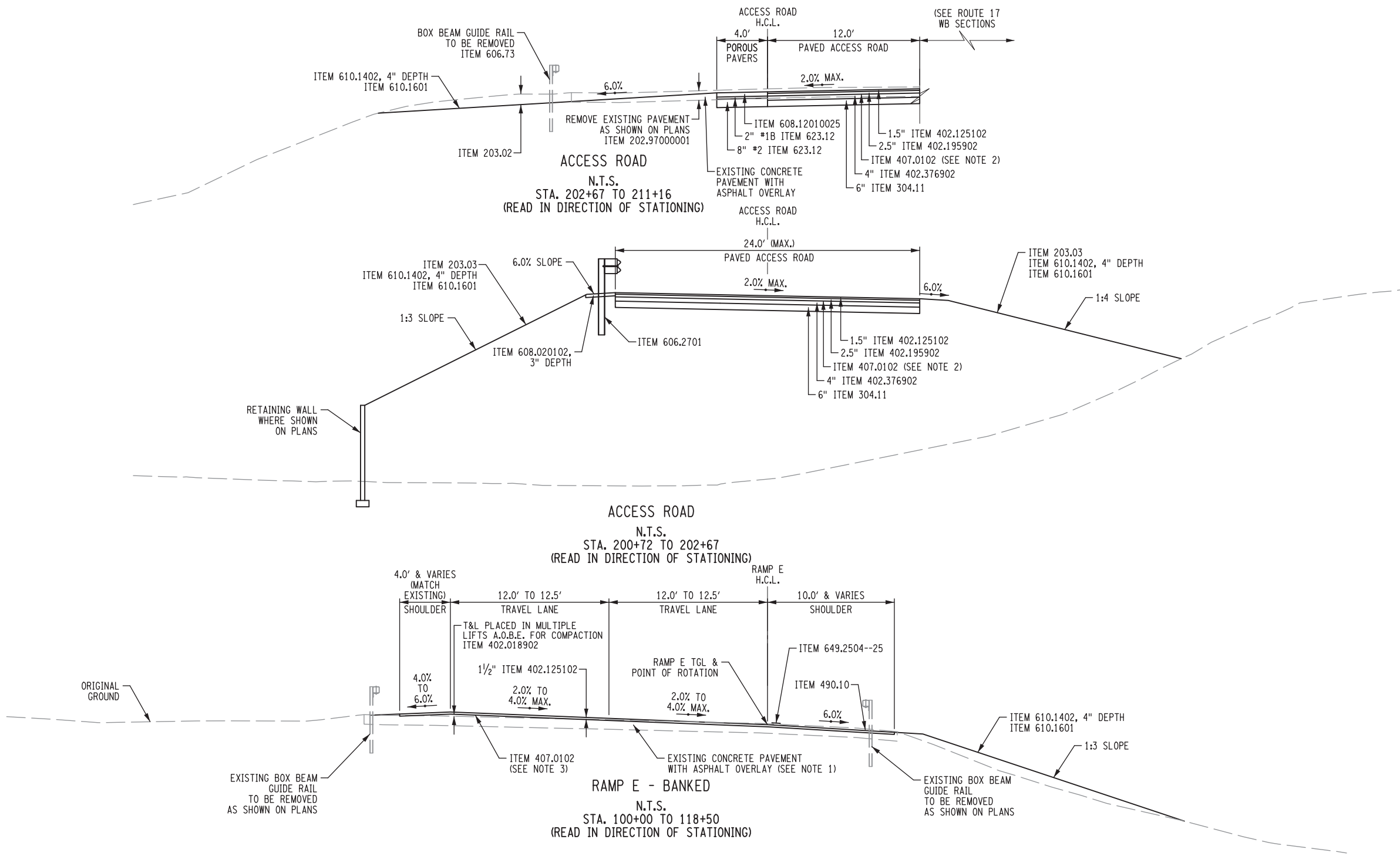
DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

DESIGNED BY: E. KRISTIANSEN



DESIGN SUPERVISOR: E. KRISTIANSEN

XXX
XXX



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

CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION

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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		DATE	DESCRIPTION	BY		SYM.
					 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 TYPICAL SECTIONS	DRAWING NUMBER: TS-H4

CHECKED BY: J.P. RAVETIER

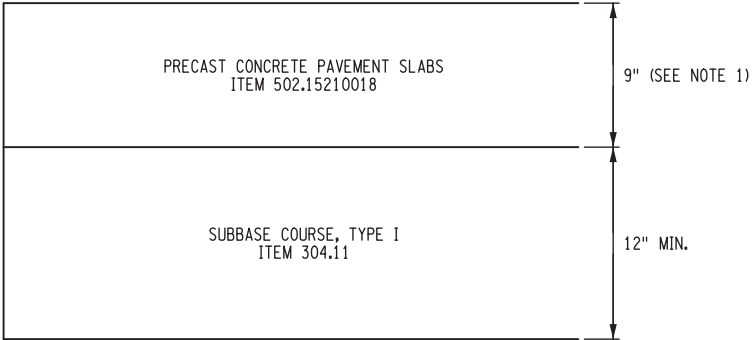
DRAFTED BY: L. WOLFE

CHECKED BY: J.P. RAVETIER

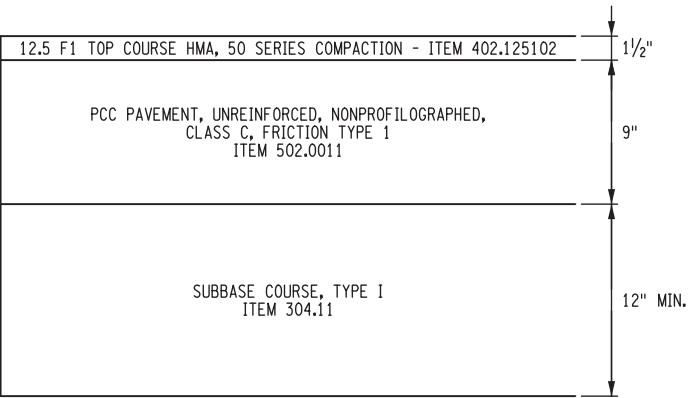
DESIGNED BY: E. KRISTIANSEN

DESIGN SUPERVISOR: E. KRISTIANSEN

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XXX



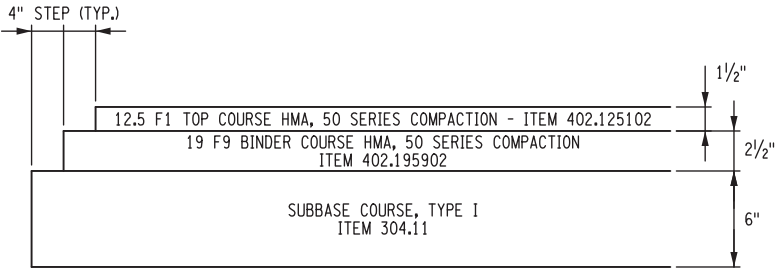
GANTRY TRAVEL LANES
PRECAST CONCRETE PAVEMENT SECTION
RT 17 WB STA. 459+82.85 TO STA. 462+67.17
RAMP E STA. 111+52.83 TO STA. 114+37.17



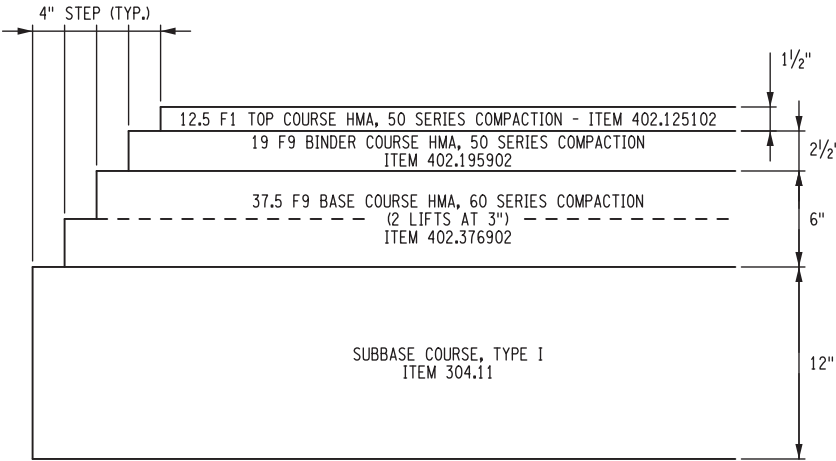
TOLL PLAZA DEMOLITION AREA
COMPOSITE CONCRETE SECTION
APPROX. RT 17 WB STA. 450+00 TO STA. 451+25
SEE DEMOLITION PLANS FOR LIMITS OF
TOLL PLAZA PAVEMENT REMOVAL

NOTES:

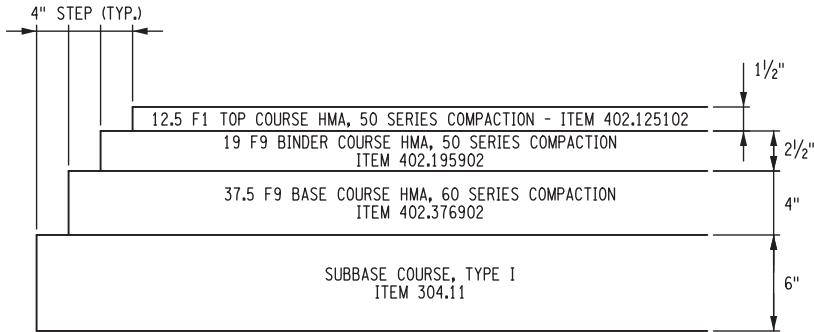
1. SLAB THICKNESS, PROFILOGRAPH LEVEL, FRICTION TYPE, AND JOINT DETAILS TO BE FURTHER DEVELOPED IN CONJUNCTION WITH TOLL SYSTEM INTEGRATOR.
2. REINFORCING FOR GANTRY TRAVEL LANES PRECAST CONCRETE PAVEMENT SECTION SHALL BE FIBER REINFORCED POLYMER IN ACCORDANCE WITH ACI 440.6-08. PAYMENT FOR THE FIBER 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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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 TYPICAL SECTIONS PAVEMENT DETAILS	DRAWING NUMBER: TS-H5

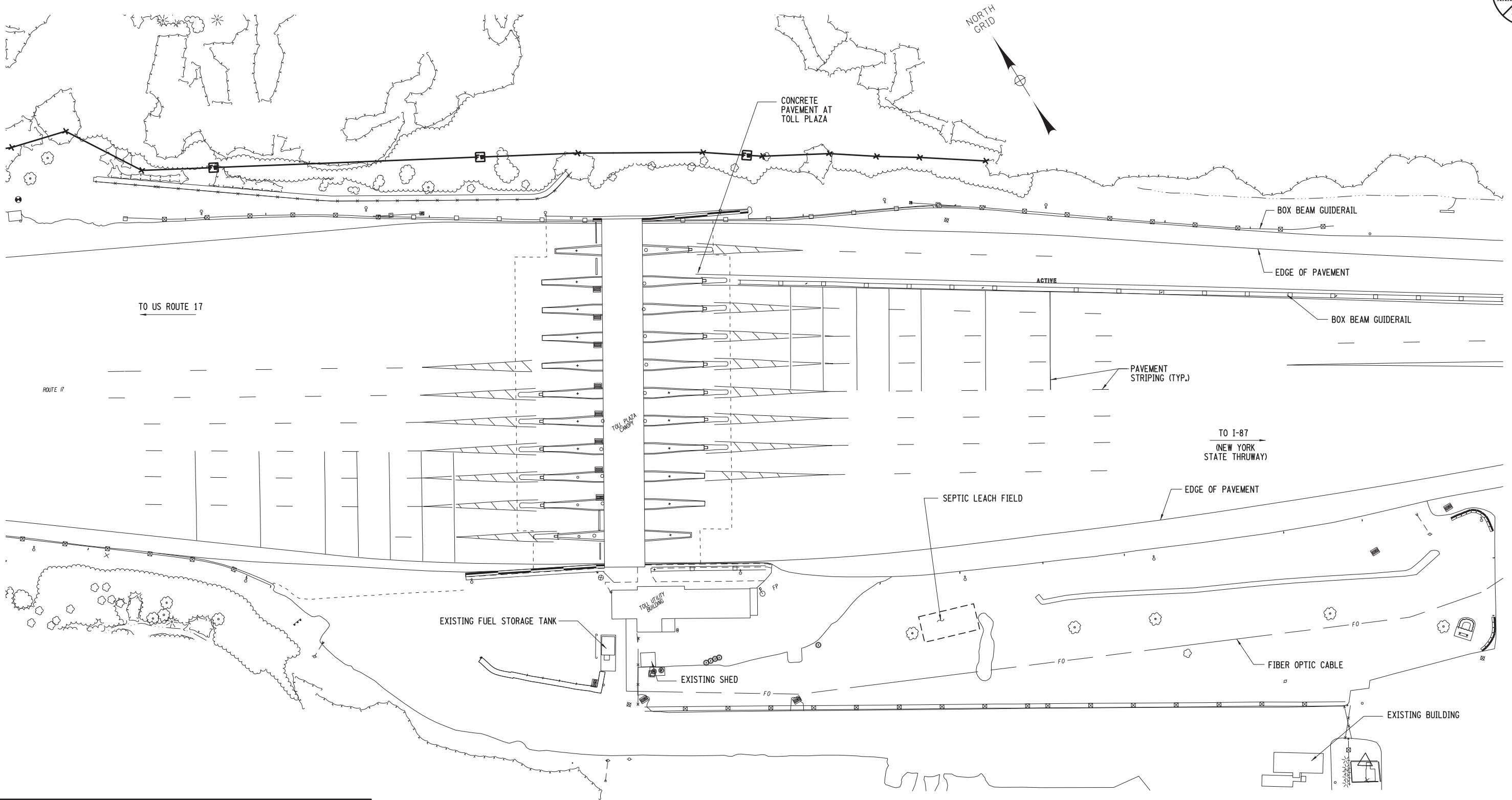
CHECKED BY: C. DOOLEY

DRAFTED BY: M. PERTIERRA

CHECKED BY: C. DOOLEY

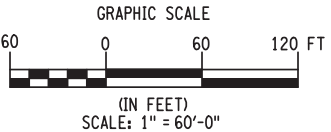
DESIGNED BY: M. PERTIERRA

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:

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

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

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 DEMOLITION PLAN EXISTING CONDITIONS	DRAWING NUMBER: DP-H1

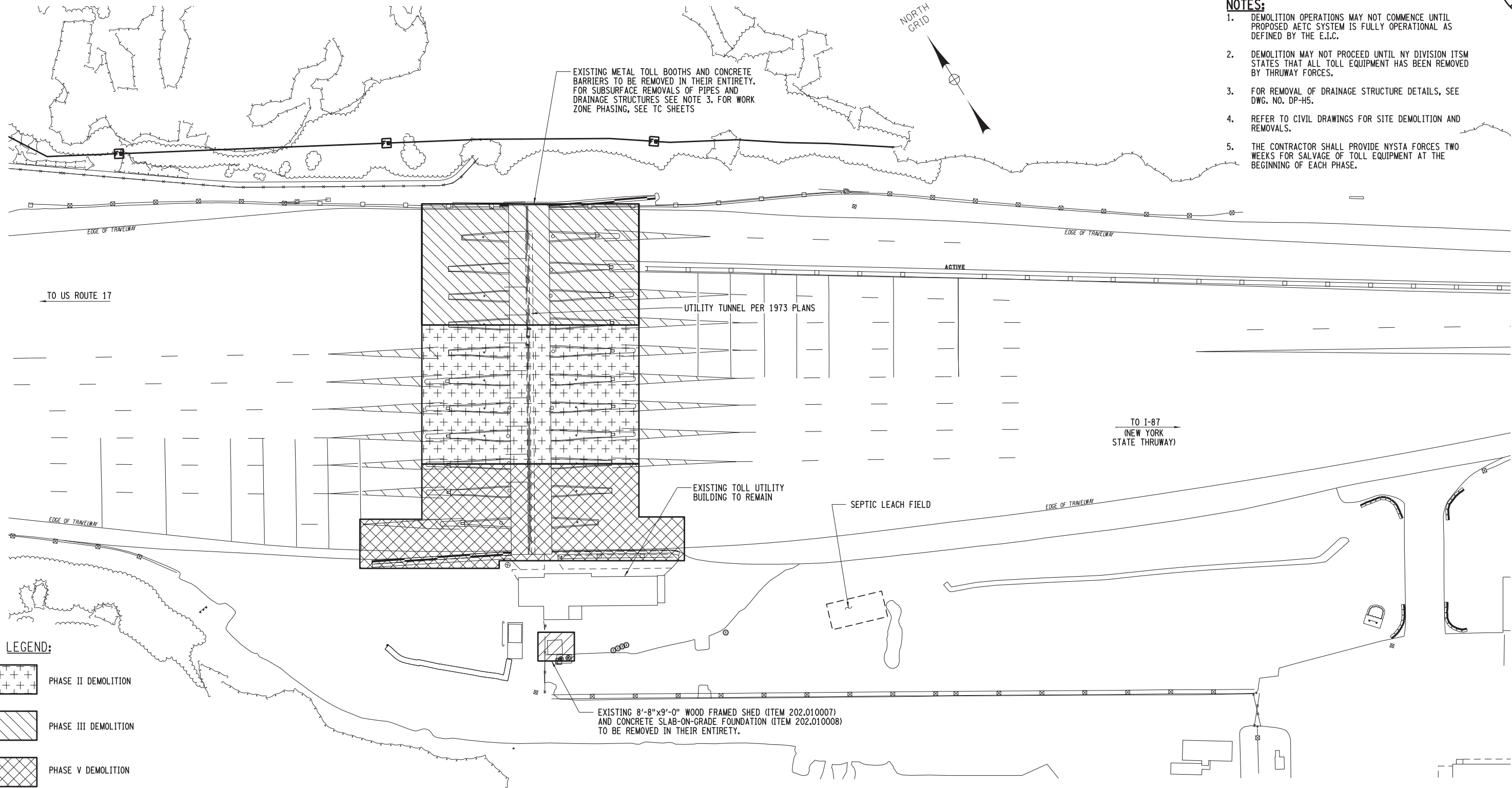
CHECKED BY: C. DOOLEY

DRAFTED BY: M. PERTIERRA

CHECKED BY: C. DOOLEY

DESIGNED BY: M. PERTIERRA




DESIGN SUPERVISOR: C. DOOLEY



NOTES:

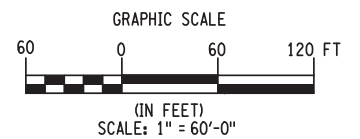
1. DEMOLITION OPERATIONS MAY NOT COMMENCE UNTIL PROPOSED AETC SYSTEM IS FULLY OPERATIONAL AS DEFINED BY THE E.I.C.
2. DEMOLITION MAY NOT PROCEED UNTIL NY DIVISION ITSM STATES THAT ALL TOLL EQUIPMENT HAS BEEN REMOVED BY THRUWAY FORCES.
3. FOR REMOVAL OF DRAINAGE STRUCTURE DETAILS, SEE DWG. NO. DP-H5.
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.

LEGEND:

-  PHASE II DEMOLITION
-  PHASE III DEMOLITION
-  PHASE V DEMOLITION

HARRIMAN TOLL PLAZA DEMOLITION PLAN

SCALE: 1"=60'-0"



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

 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
CHECKED BY: C. DOOLEY
DRAFTED BY: M. PERTIERRA
CHECKED BY: C. DOOLEY

NOTES:

- 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.
- THE CONTRACTOR SHALL COORDINATE ITEMS TO BE SALVAGED OR STORED WITH THE ENGINEER-IN-CHARGE PRIOR TO BEGINNING DEMOLITION OPERATIONS.
- FOR PARTIAL REMOVAL OF DRAINAGE STRUCTURES DETAILS SEE DWG. NO. DP-H5.
- FOR SECTION A-A, SEE DWG. NO. DP-H4.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE HAR SYSTEM REMAINS FULLY OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION.
- 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.
- THE CONTRACTOR SHALL PROVIDE NYSTA FORCES TWO WEEKS FOR SALVAGE OF TOLL EQUIPMENT AT THE BEGINNING OF EACH PHASE.

NORTH
GRID

EXISTING CATCH BASIN

48" DIA. UTILITY AND TOLL
SERVICE TUNNEL. CAP AND PLUG
PIPE AT EACH END OF
EXCAVATION. SEE NOTE 3.

EXISTING SIGN BOARD TO BE REMOVED
AND ITEM SALVAGED (TYP.)
SEE NOTE 2.

EXISTING IMPACT ATTENUATOR TO
BE REMOVED AND SALVAGED (TYP.),
ITEM 654.0702. SEE NOTE 2.

EXISTING UNDERGROUND WATER
LINE

REMOVE EXISTING
TREADLE DRAINS (TYP.)

EXISTING CONCRETE BUMPERS
TO BE REMOVED ITEM 606.75.
SEE DWG. NO. DP-H2 FOR PHASING.

EXISTING ROTATING SIGN ASSEMBLY
TO BE REMOVED AND STORED (TYP.)
ITEM 202.99000001

EXISTING LANE CONTROL LIGHT TO BE
REMOVED AND SALVAGED (TYP.), ITEM
202.99000002. SEE NOTE 2.

EXISTING UTILITY TUNNEL PER 1973
PLANS

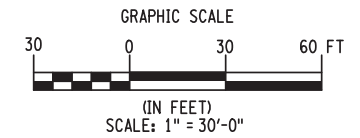
EXISTING IMPACT ATTENUATORS TO BE REMOVED
AND SALVAGED (TYP.) SEE NOTE 2.

APPROXIMATE LIMITS OF SAWCUTTING
AND CONCRETE PAVEMENT REMOVAL
FOR TOLL BOOTH DEMO (TYP.)
ITEM 202.97000001

EXISTING TOLL PLAZA CANOPY
AND FRAMING TO BE REMOVED.

DISCONNECT AND CAP ALL EXISTING ELECTRICAL AND
COMMUNICATIONS LINES THAT FEED THE TOLL BOOTHS.
DISCONNECT AND CAP 5'-0" FROM BUILDING.

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



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

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
TOLL PLAZA DEMOLITION

CONTRACT NUMBER:
TANY XX-X

DATE:
XX/XX/XX

DRAWING NUMBER:
DP-H3

CHECKED BY: C. DOOLEY

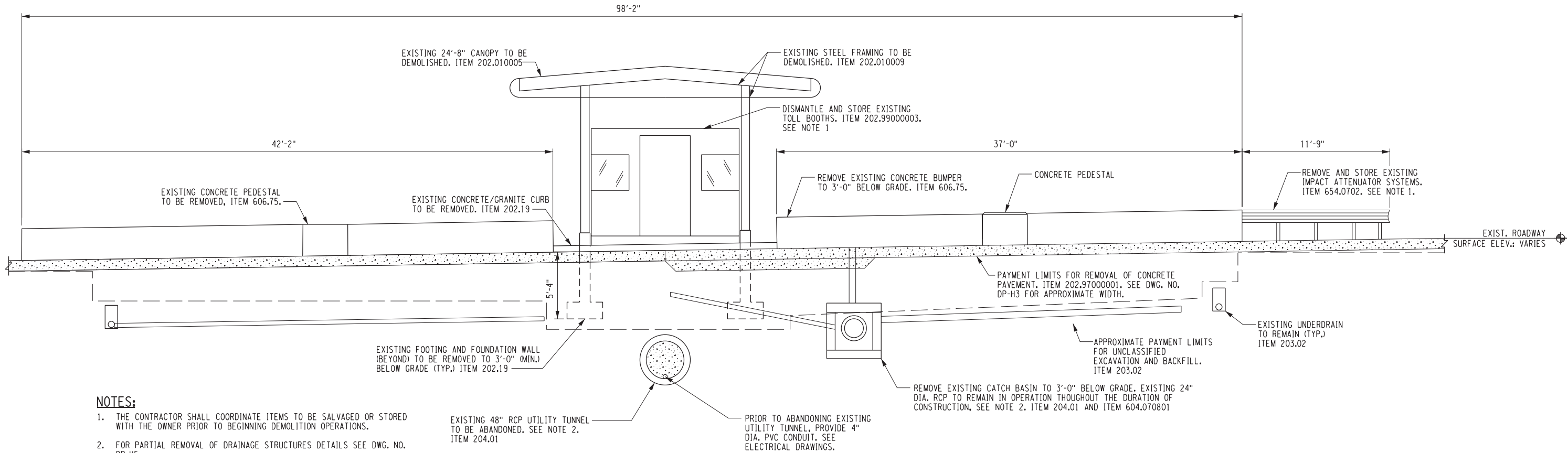
DRAFTED BY: M. PERTIERRA

CHECKED BY: C. DOOLEY

DESIGNED BY: M. PERTIERRA

DESIGN SUPERVISOR: C. DOOLEY

XXX
XXX



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.

SECTION A-A: TYPICAL TOLL PLAZA DEMO ELEVATION

SCALE: $\frac{1}{8}" = 1'-0"$

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

**CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION**

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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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
TOLL PLAZA SECTION**

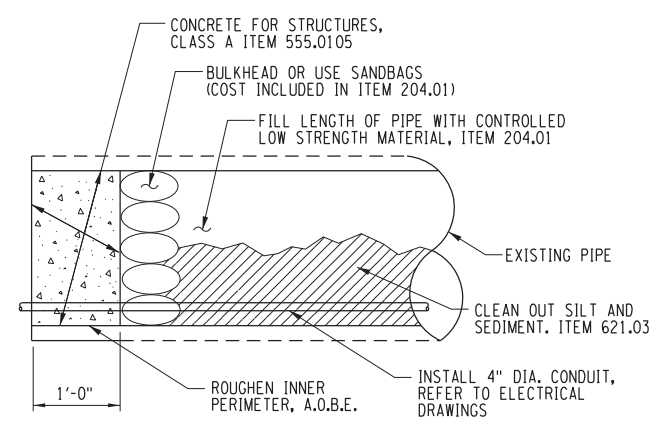
CONTRACT NUMBER:
TANY XX-X

DATE:
XX/XX/XX

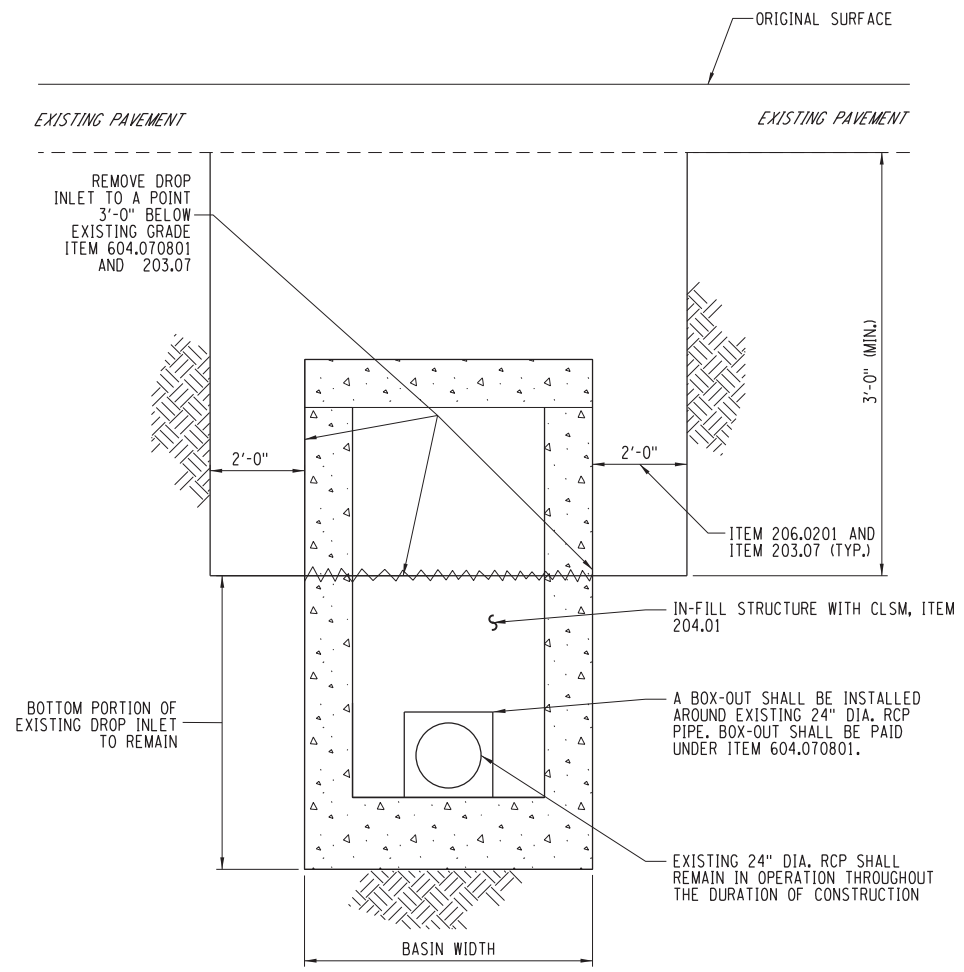
DRAWING NUMBER:
DP-H4

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

XXX
XXX



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:
SIGNATURE: STAMP:	SIGNATURE: STAMP:


CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION

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



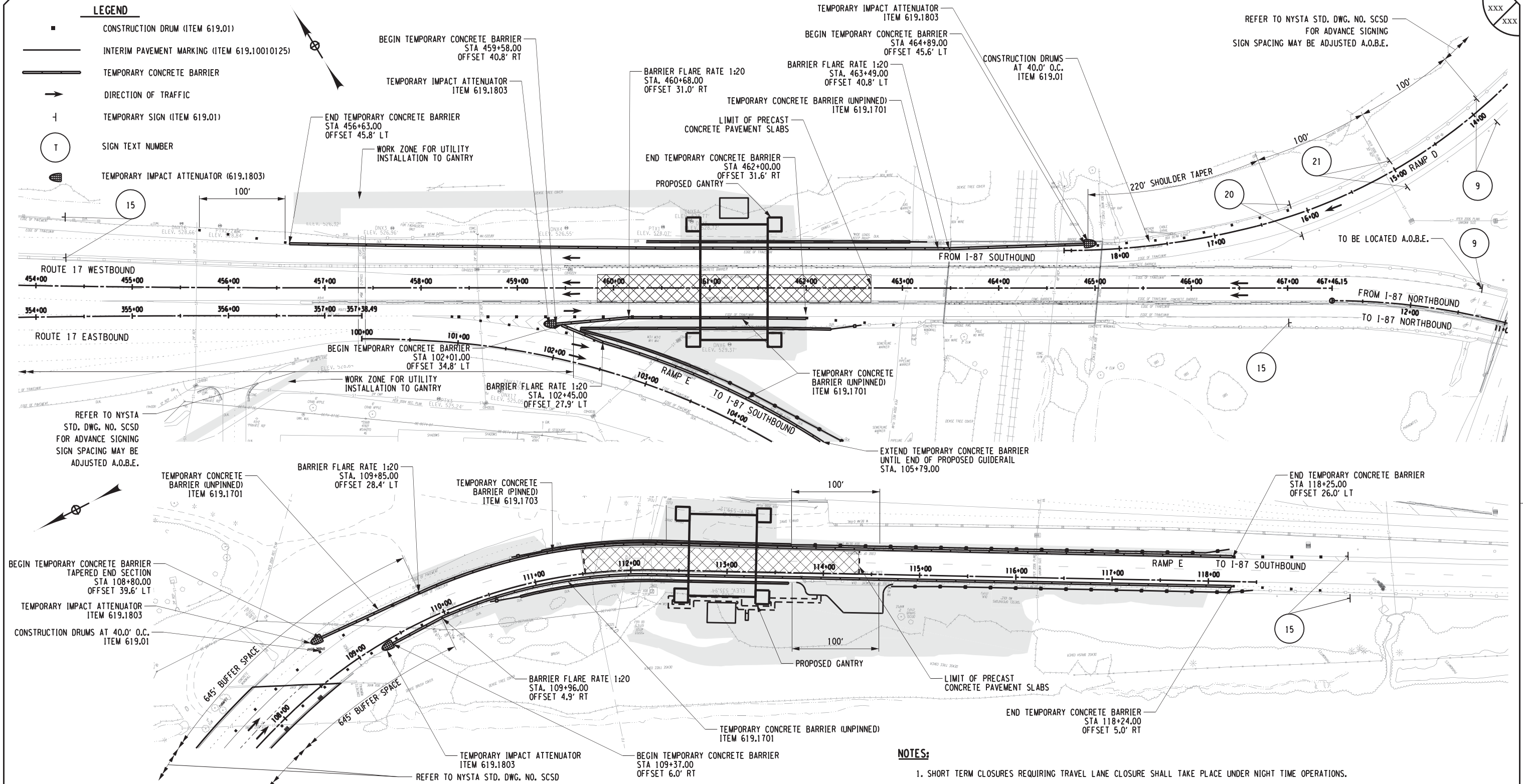
Engineering and
Land Surveying, P.C.
1533 Crescent Road • Clifton Park, NY 12065

TITLE OF PROJECT AETC CONVERSION OF HARRIMAN TOLL PLAZA	CONTRACT NUMBER: TANY XX-X
LOCATION OF PROJECT ORANGE COUNTY	DATE: XX/XX/XX
TITLE OF DRAWING HARRIMAN DEMOLITION PLAN DRAINAGE	DRAWING NUMBER: DP-H5

CHECKED BY: JMC
DRAFTED BY: JCH
CHECKED BY: JMC
DESIGNED BY: JCH
VDM
DESIGN SUPERVISOR:

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
- TEMPORARY IMPACT ATTENUATOR (619.1803)



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

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

BEGIN TEMPORARY CONCRETE BARRIER
TAPERED END SECTION
STA 108+80.00
OFFSET 39.6' LT

TEMPORARY IMPACT ATTENUATOR
ITEM 619.1803

CONSTRUCTION DRUMS AT 40.0' O.C.
ITEM 619.01

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



CONCEPT SUBMITTAL
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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 1

CONTRACT NUMBER:
TANY XX-X

DATE:
XX/XX/XX

DRAWING NUMBER:
TC-H1

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

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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	CONTRACT NUMBER: TANY XX-X
LOCATION OF PROJECT ORANGE COUNTY	DATE: XX/XX/XX
TITLE OF DRAWING HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 2	DRAWING NUMBER: TC-H2

CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

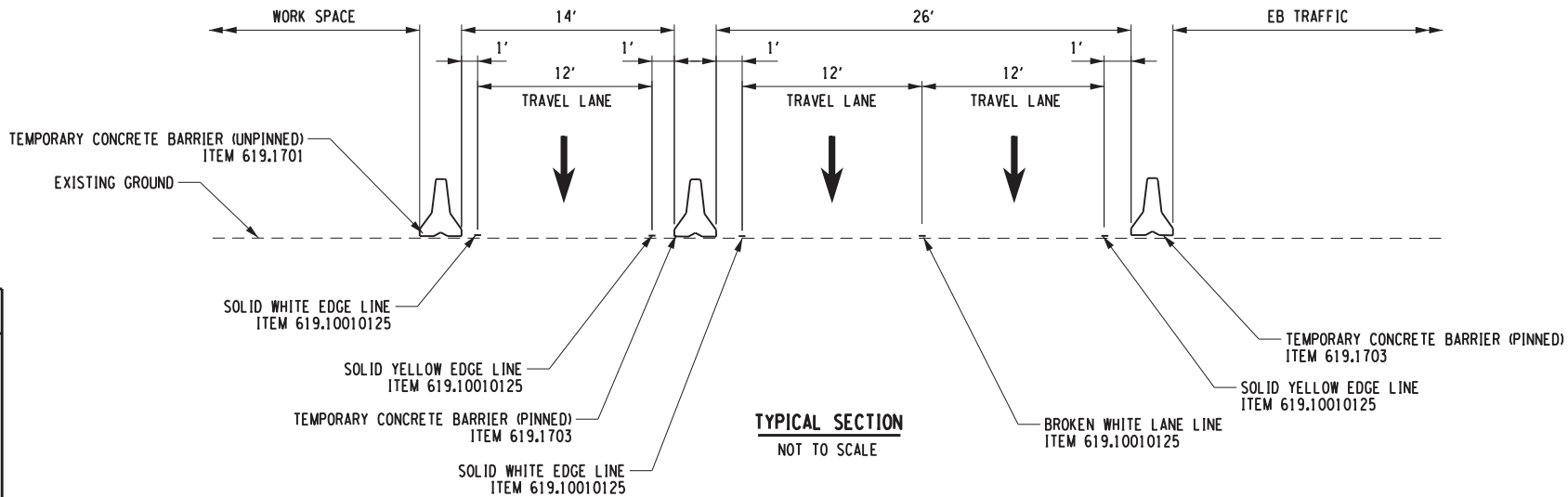
MATCH TO DWG. NO. TC-H2

MATCH TO DWG. NO. TC-H4

- 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.



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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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

SHUMAKER
Consulting Engineering & Land Surveying, D.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 WORK ZONE TRAFFIC CONTROL PLAN - PHASE 2	DRAWING NUMBER: TC-H3

25 0 50 100
SCALE FEET

CHECKED BY: JMC

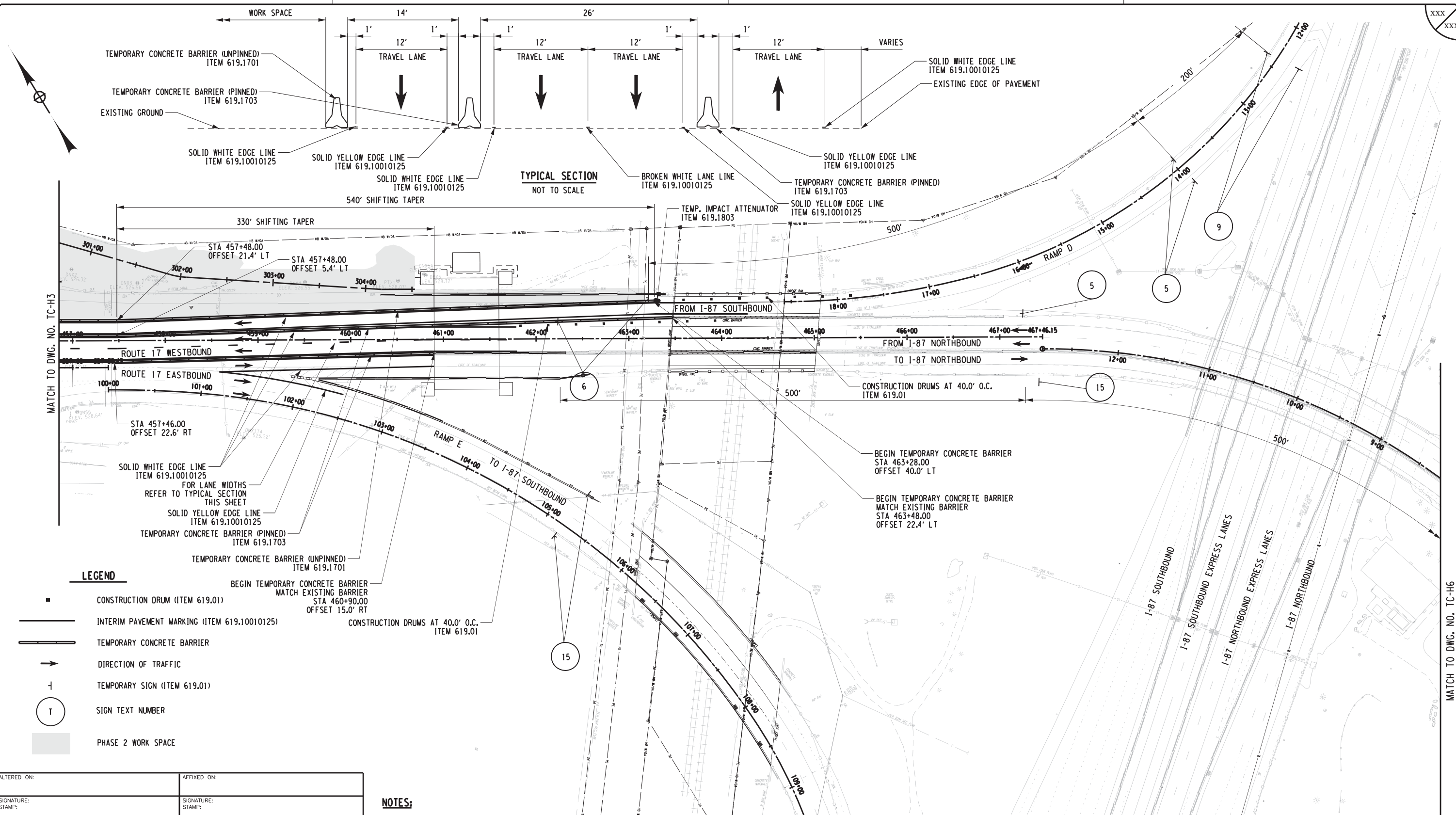
DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

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
- PHASE 2 WORK SPACE

NOTES:

- REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
- REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
- REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
- REFER TO DWG. NO. TC-H3 FOR TYPICAL SECTION.
- CONTRACTOR SHALL MAINTAIN THE PAVEMENT IN THE GORE AREA TO THE SATISFACTION OF THE ENGINEER.
- 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

SHUMAKER
Consulting Engineering & Land Surveying, D.P.C.

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

25 0 50 100
SCALE FEET

CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION

CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

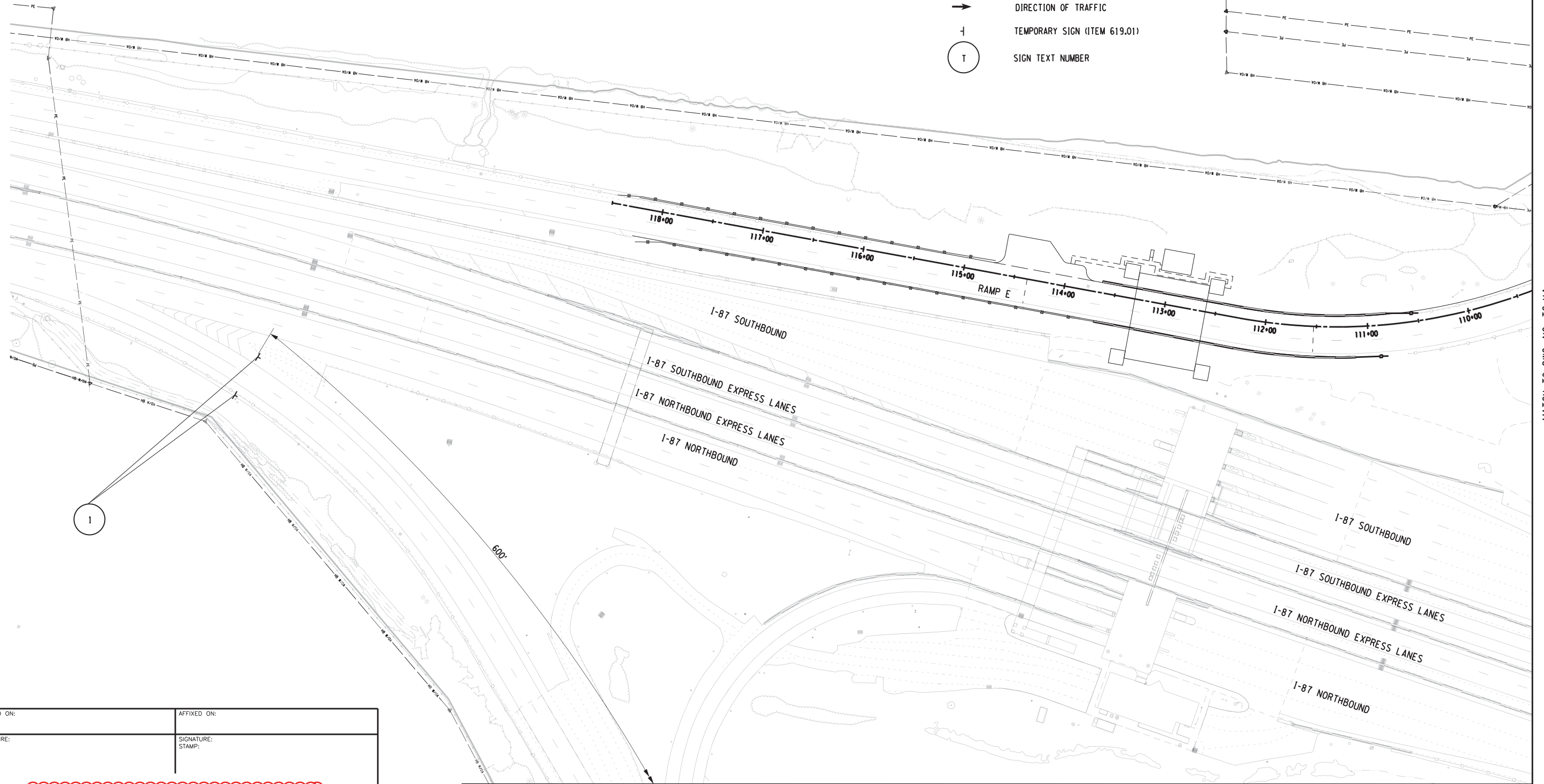
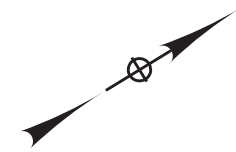
DESIGN SUPERVISOR: VDM

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.

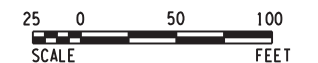
LEGEND

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



MATCH TO DWG. NO. TC-H4

MATCH TO DWG. NO. TC-H6

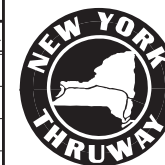


ALTERED ON:	AFFIXED ON:
SIGNATURE: STAMP:	SIGNATURE: STAMP:

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

CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

MATCH TO DWG. NO. TC-H5

MATCH TO DWG. NO. TC-H4

MATCH TO DWG. NO. TC-H4

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:

- REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
- 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	CONTRACT NUMBER: TANY XX-X
LOCATION OF PROJECT ORANGE COUNTY	DATE: XX/XX/XX
TITLE OF DRAWING HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 2	DRAWING NUMBER: TC-H6



CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

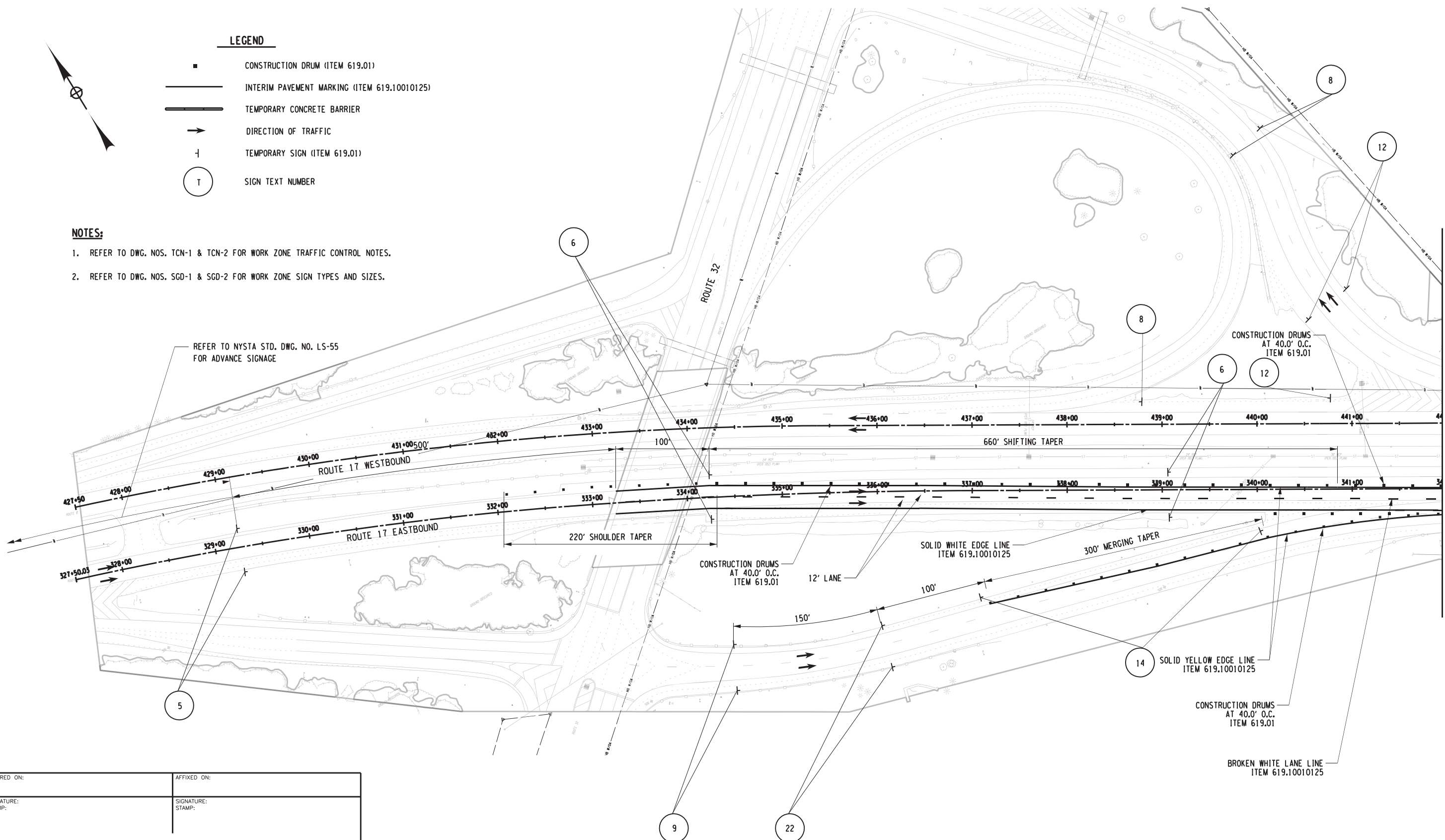
LEGEND

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

NOTES:

- REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
- 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



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

SHUMAKER
Consulting Engineering & Land Surveying, D.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 WORK ZONE TRAFFIC CONTROL PLAN - PHASE 3	DRAWING NUMBER: TC-H7



CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

LEGEND

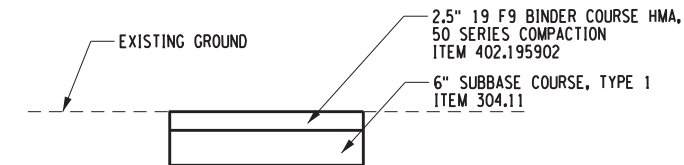
- CONSTRUCTION DRUM (ITEM 619.01)
- INTERIM PAVEMENT MARKING (ITEM 619.10010125)
- TEMPORARY CONCRETE BARRIER
- DIRECTION OF TRAFFIC
- TEMPORARY SIGN (ITEM 619.01)
- SIGN TEXT NUMBER
- PHASE 3 WORK SPACE

MATCH TO DWG. NO. TC-H7

MATCH TO DWG. NO. TC-H9

NOTES:

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



TEMPORARY ASPHALT PAVEMENT SECTION

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.

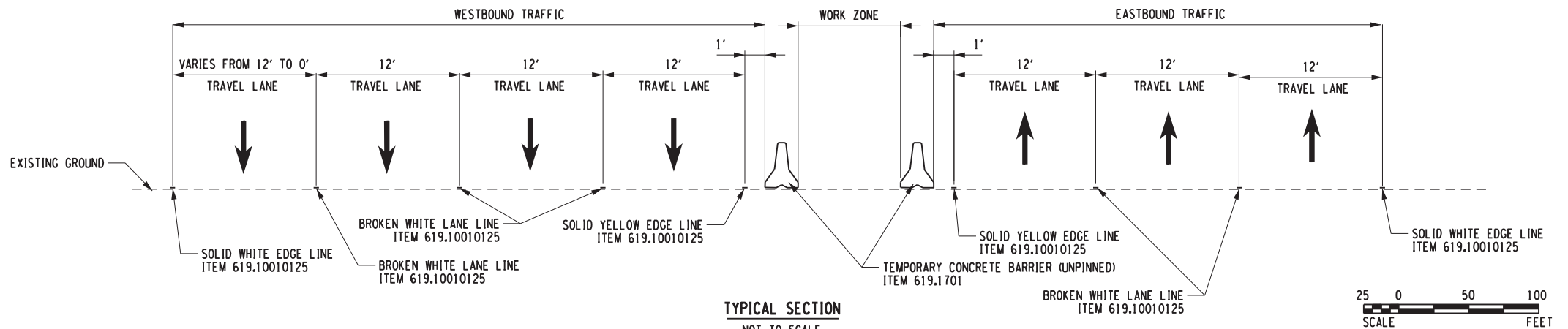
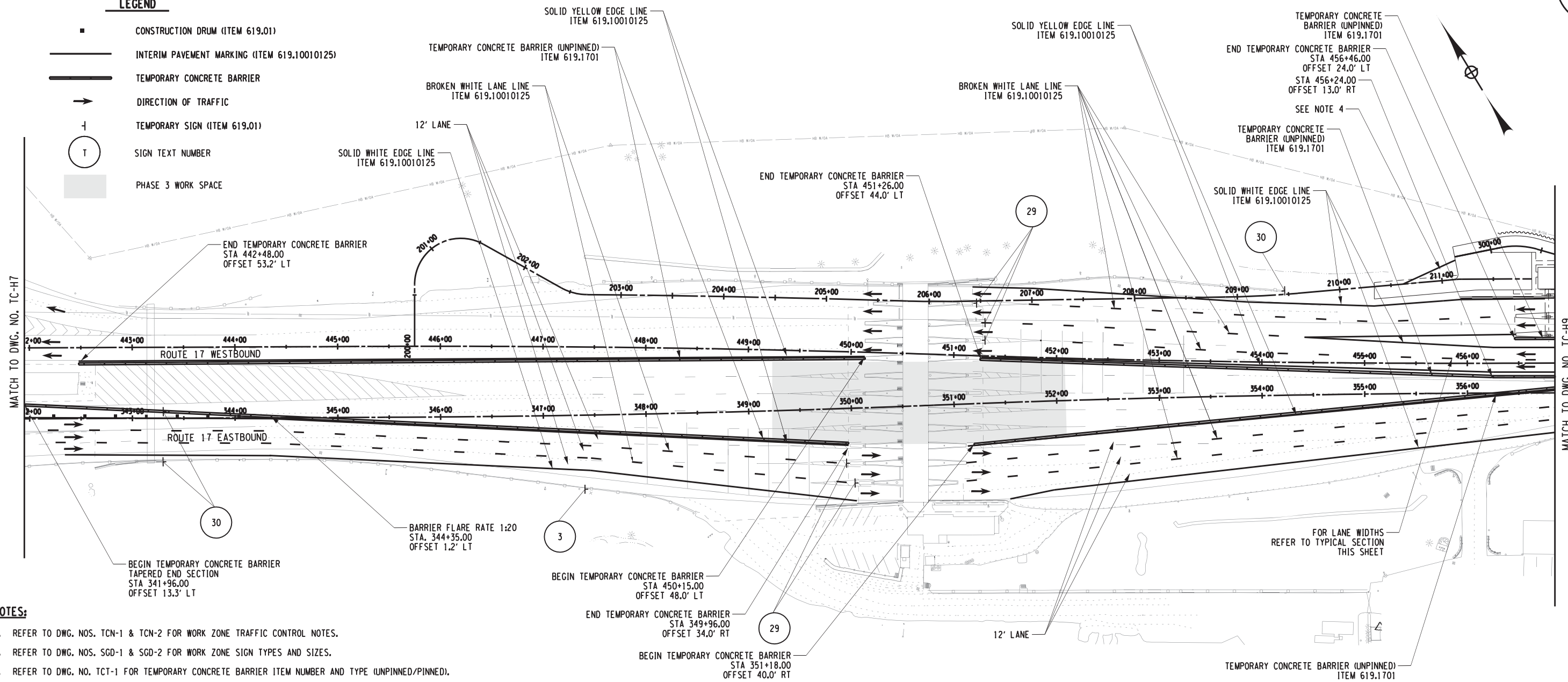
REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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

SHUMAKER
Consulting Engineering & Land Surveying, D.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 WORK ZONE TRAFFIC CONTROL PLAN - PHASE 3	DRAWING NUMBER: TC-H8



CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

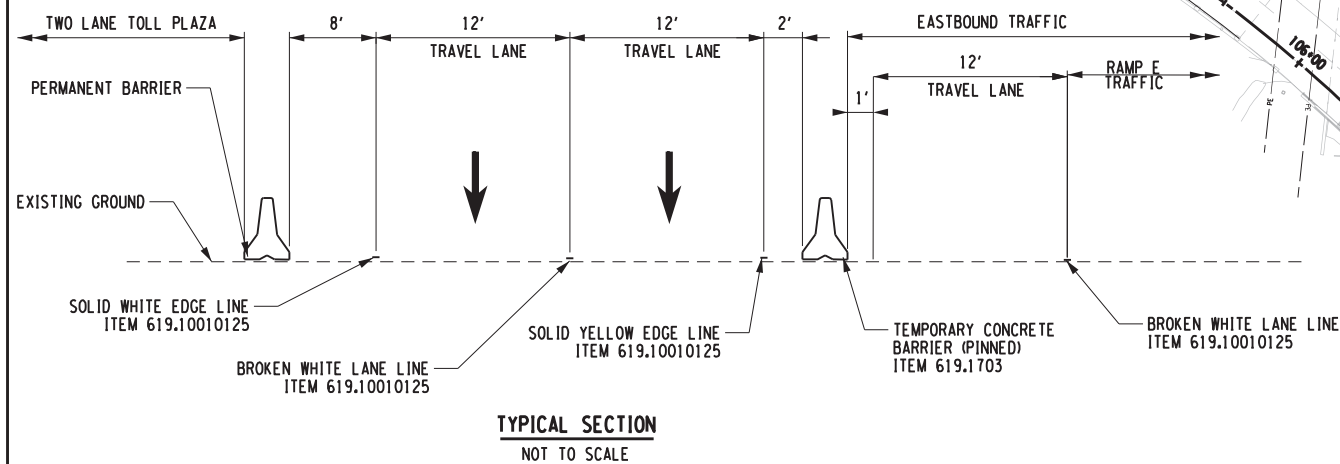
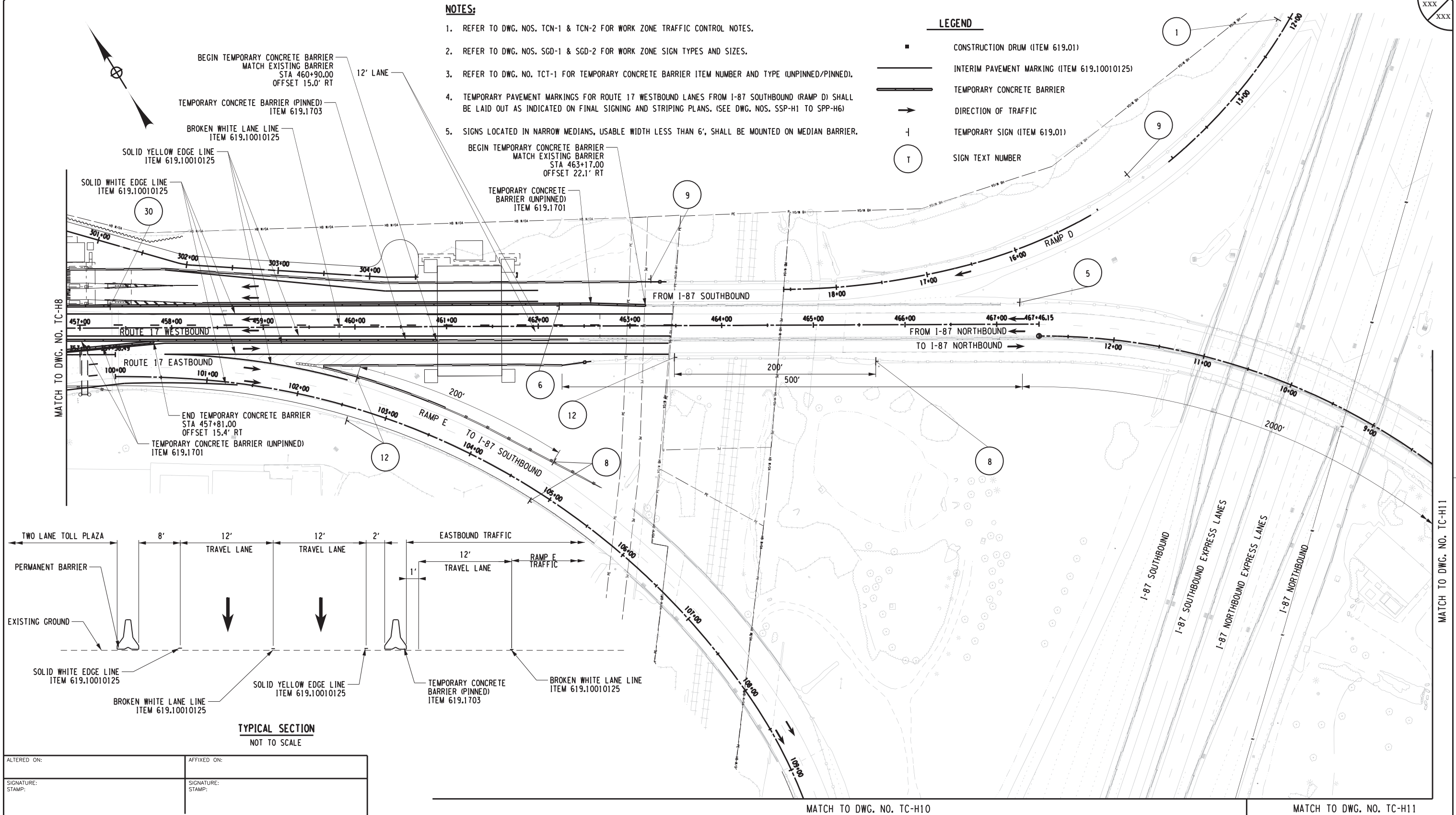
DESIGN SUPERVISOR: VDM

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)
- SIGN TEXT NUMBER



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

SHUMAKER
Consulting Engineering & Land Surveying, D.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 WORK ZONE TRAFFIC CONTROL PLAN - PHASE 3	DRAWING NUMBER: TC-H9



CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

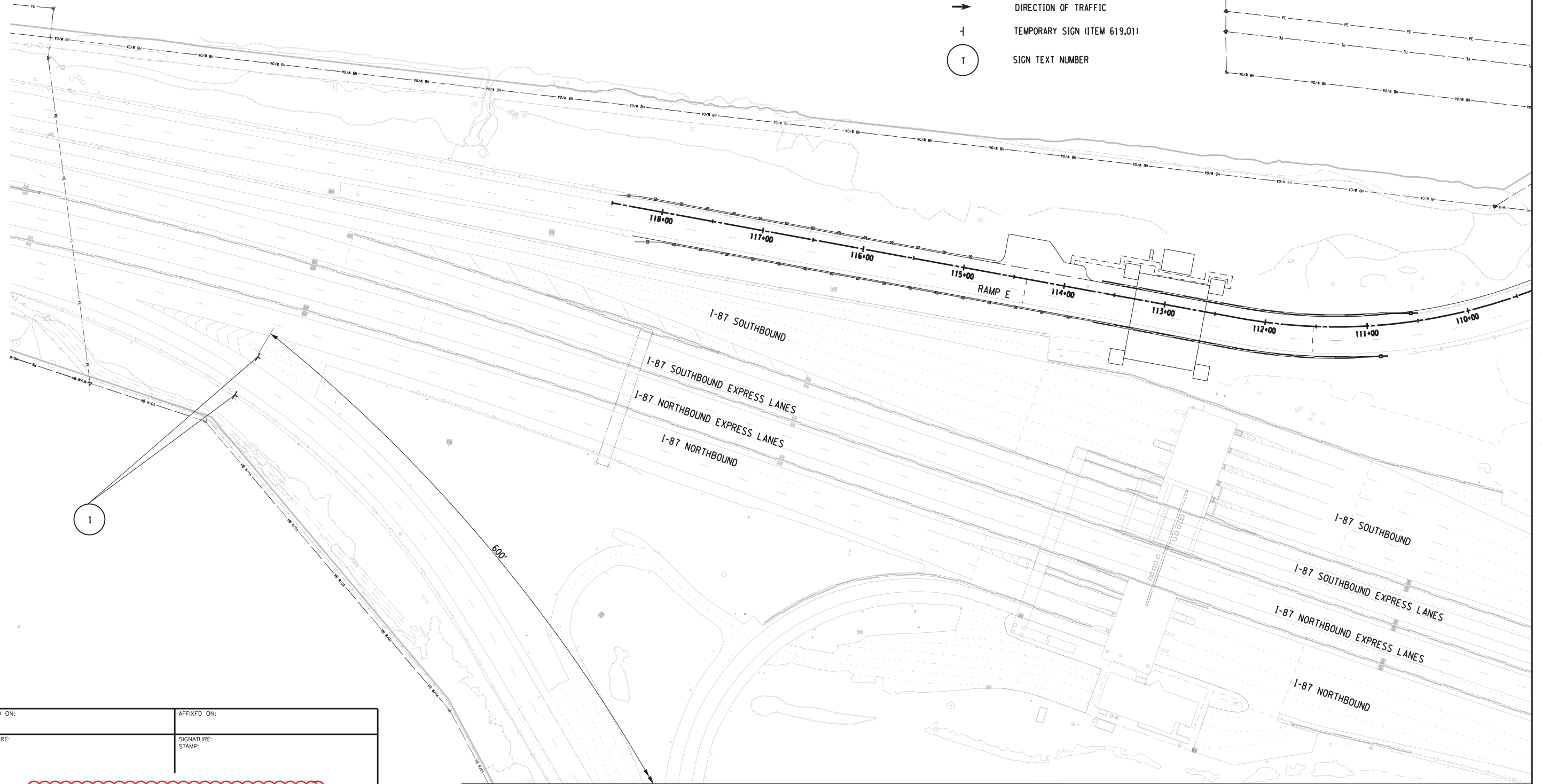
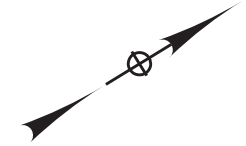
DESIGN SUPERVISOR: VDM

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.

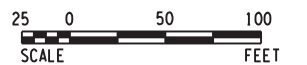
LEGEND

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



MATCH TO DWG. NO. TC-H9

MATCH TO DWG. NO. TC-H11



CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION

ALTERED ON:	AFFIXED ON:
SIGNATURE:	SIGNATURE:
STAMP:	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 3

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

CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

MATCH TO DWG. NO. TC-H10

MATCH TO DWG. NO. TC-H9

MATCH TO DWG. NO. TC-H9

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:

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



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 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

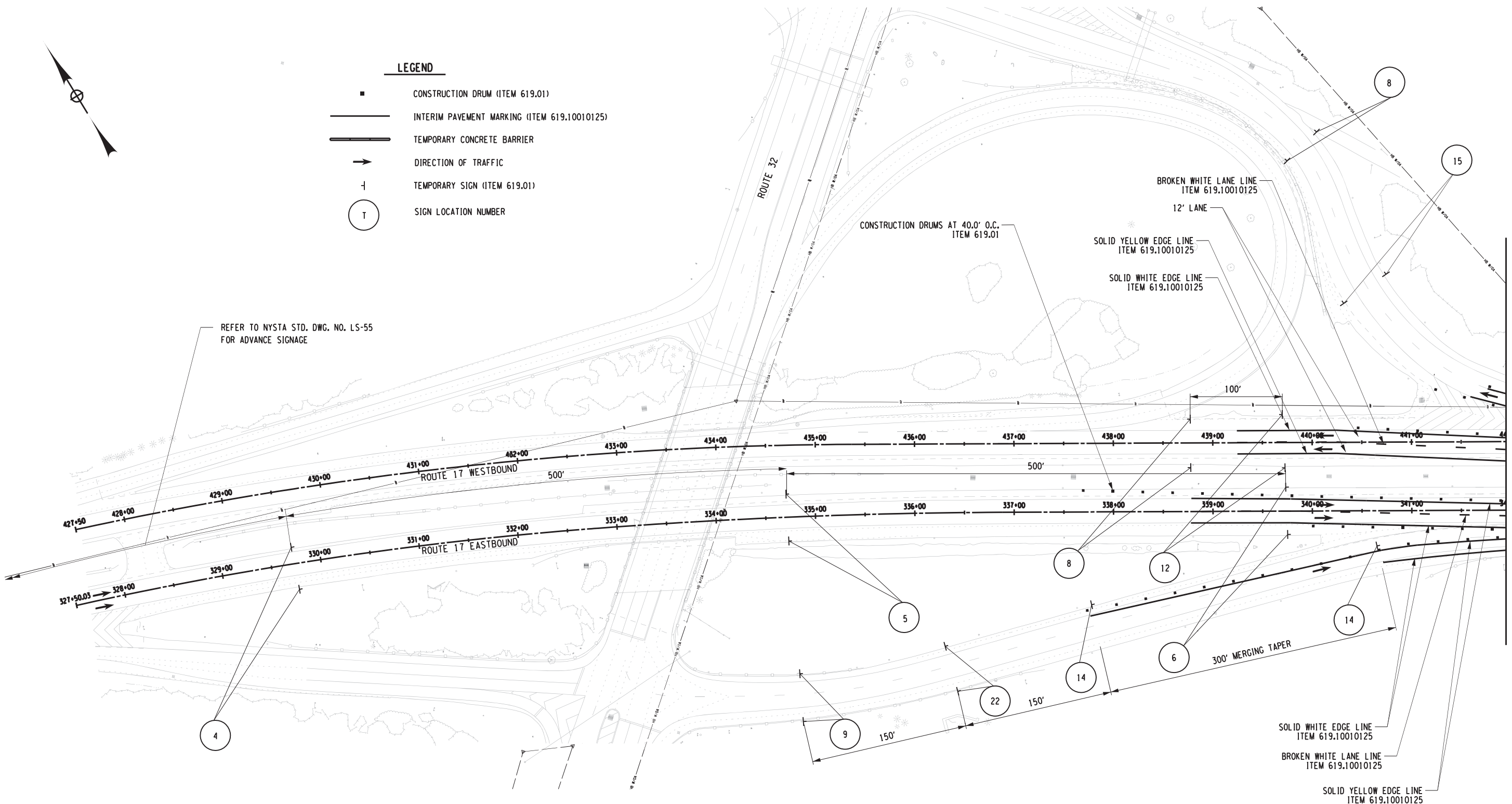
DESIGN SUPERVISOR: VDM

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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 LOCATION NUMBER

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



MATCH TO DWG. NO. TC-H13

NOTES:

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



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

SHUMAKER
Consulting Engineering & Land Surveying, D.P.C.

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

CHECKED BY: JMC

DRAFTED BY: JCH

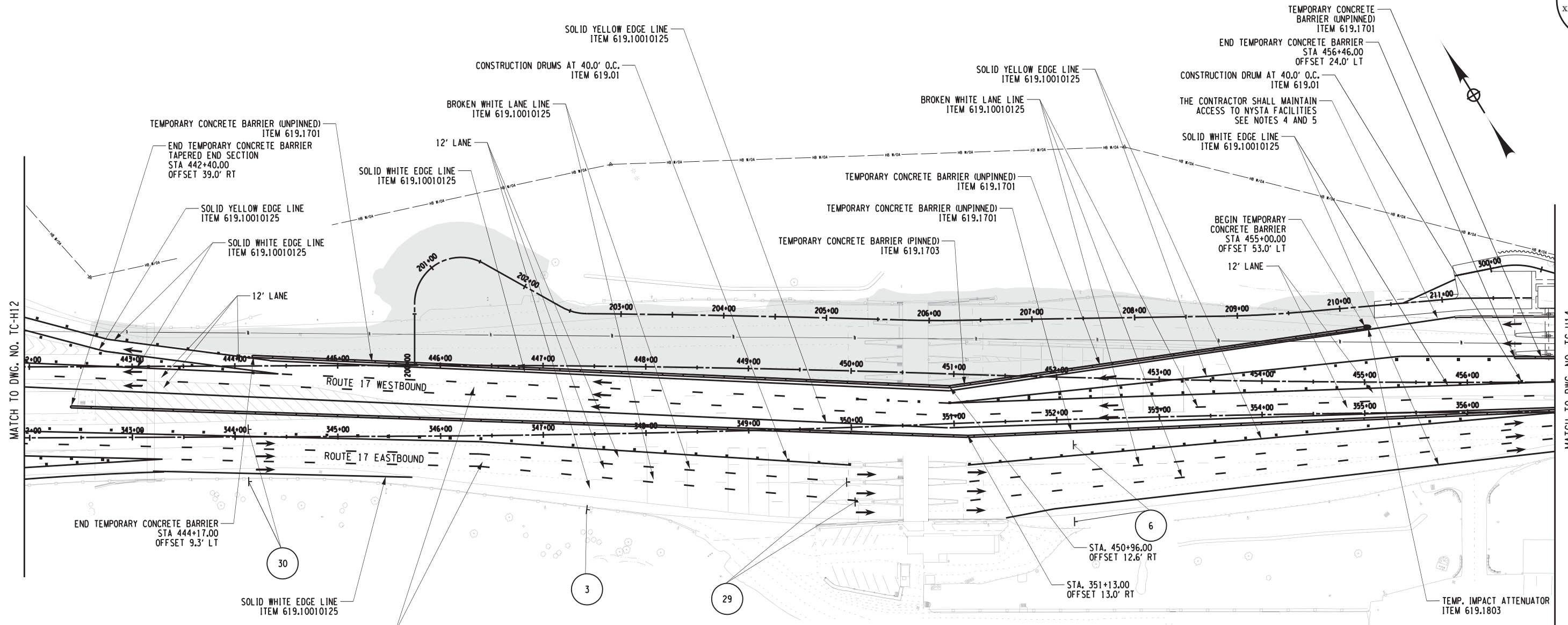
CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

MATCH TO DWG. NO. TC-H12

MATCH TO DWG. NO. TC-H14



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 4 WORK SPACE

FOR LANE WIDTHS
REFER TO TYPICAL SECTION
THIS SHEET

TEMPORARY CONCRETE BARRIER (UNPINNED)
ITEM 619.1701

SOLID WHITE EDGE LINE
ITEM 619.10010125

BROKEN WHITE LANE LINE
ITEM 619.10010125

TEMPORARY CONCRETE BARRIER (UNPINNED)
ITEM 619.1701

CONSTRUCTION DRUM
ITEM 619.01

SOLID YELLOW EDGE LINE
ITEM 619.10010125

BROKEN WHITE LANE LINE
ITEM 619.10010125

SOLID WHITE EDGE LINE
ITEM 619.10010125

EXISTING EDGE OF PAVEMENT

NOTES:

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

TYPICAL SECTION
NOT TO SCALE



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

SHUMAKER
Consulting Engineering & Land Surveying, D.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 WORK ZONE TRAFFIC CONTROL PLAN - PHASE 4	DRAWING NUMBER: TC-H13

CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

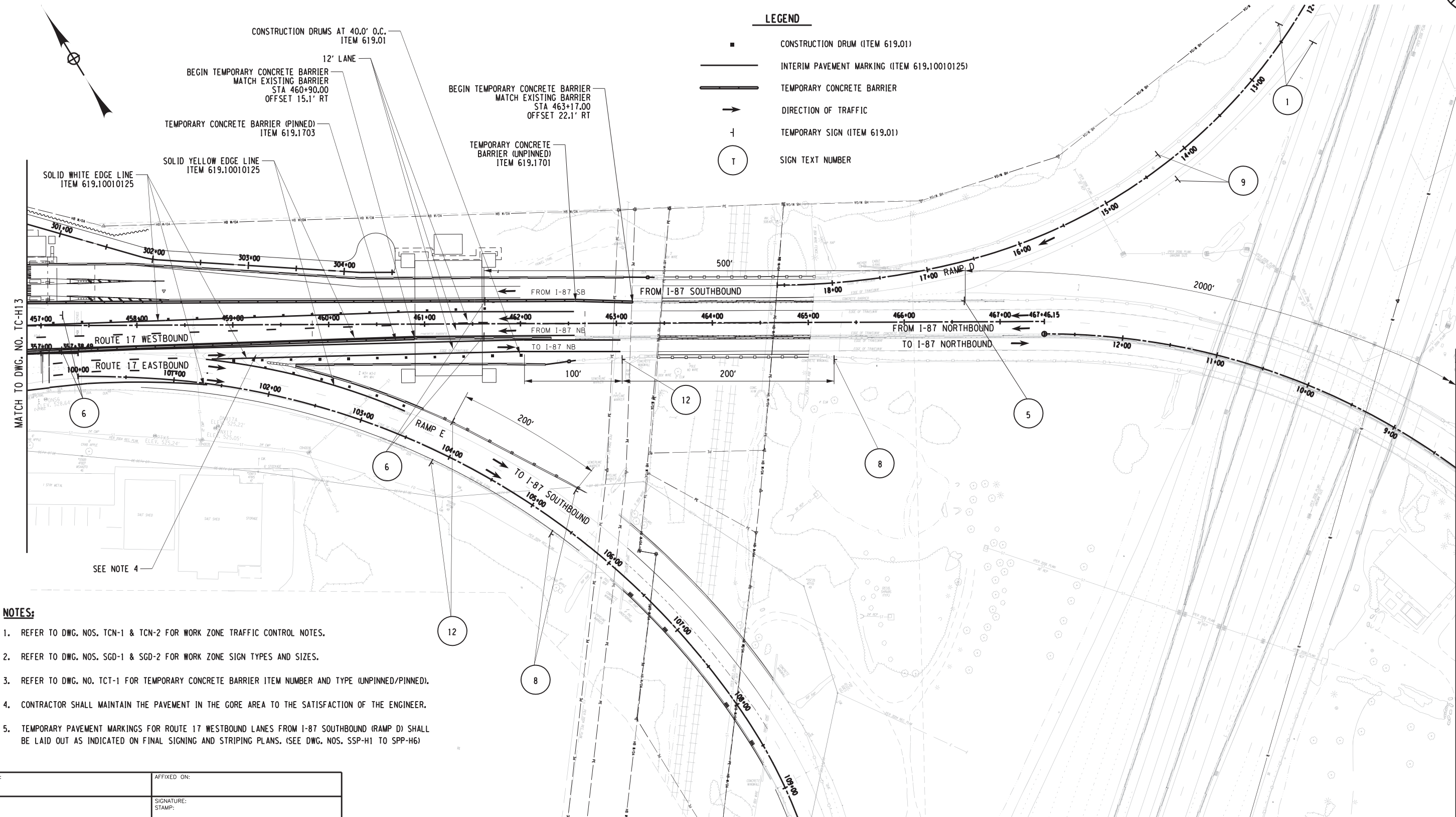
DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

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:

- REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
- REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
- REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
- CONTRACTOR SHALL MAINTAIN THE PAVEMENT IN THE GORE AREA TO THE SATISFACTION OF THE ENGINEER.
- 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 SSP-H6)

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

CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION

25 0 50 100
SCALE FEET

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

SHUMAKER
Consulting Engineering & Land Surveying, D.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 WORK ZONE TRAFFIC CONTROL PLAN - PHASE 4	DRAWING NUMBER: TC-H14

CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

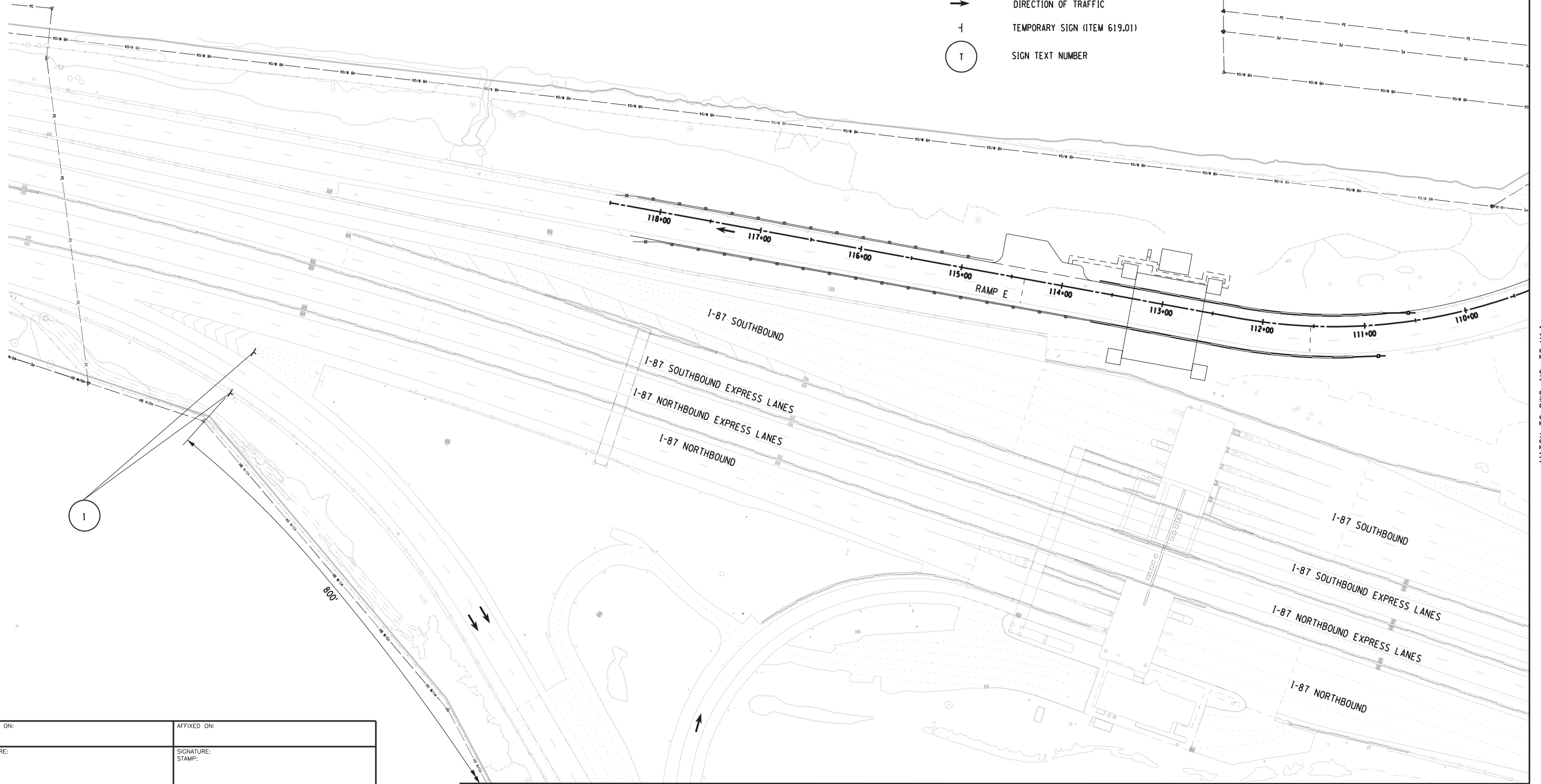
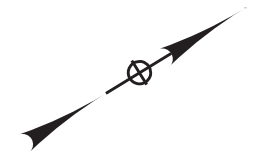
DESIGN SUPERVISOR: VDM

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.

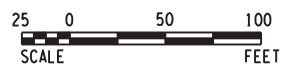
LEGEND

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



MATCH TO DWG. NO. TC-H14

MATCH TO DWG. NO. TC-H16



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

SHUMAKER
Consulting Engineering & Land Surveying, D.P.C.

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

CHECKED BY: JMC

DRAFTED BY: JCH

CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

MATCH TO DWG. NO. TC-H15

MATCH TO DWG. NO. TC-H14

MATCH TO DWG. NO. TC-H14

9

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)
- SIGN TEXT NUMBER

25 0 50 100
SCALE FEET

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-H16

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

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

NOTES:

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

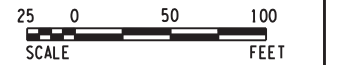
REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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

SHUMAKER
Consulting Engineering & Land Surveying, D.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 WORK ZONE TRAFFIC CONTROL PLAN - PHASE 5	DRAWING NUMBER: TC-H17



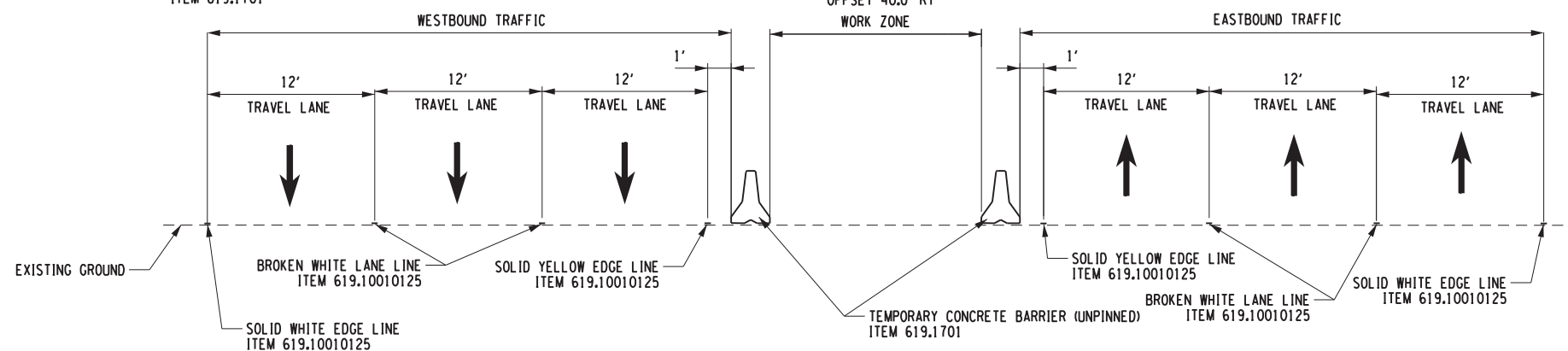
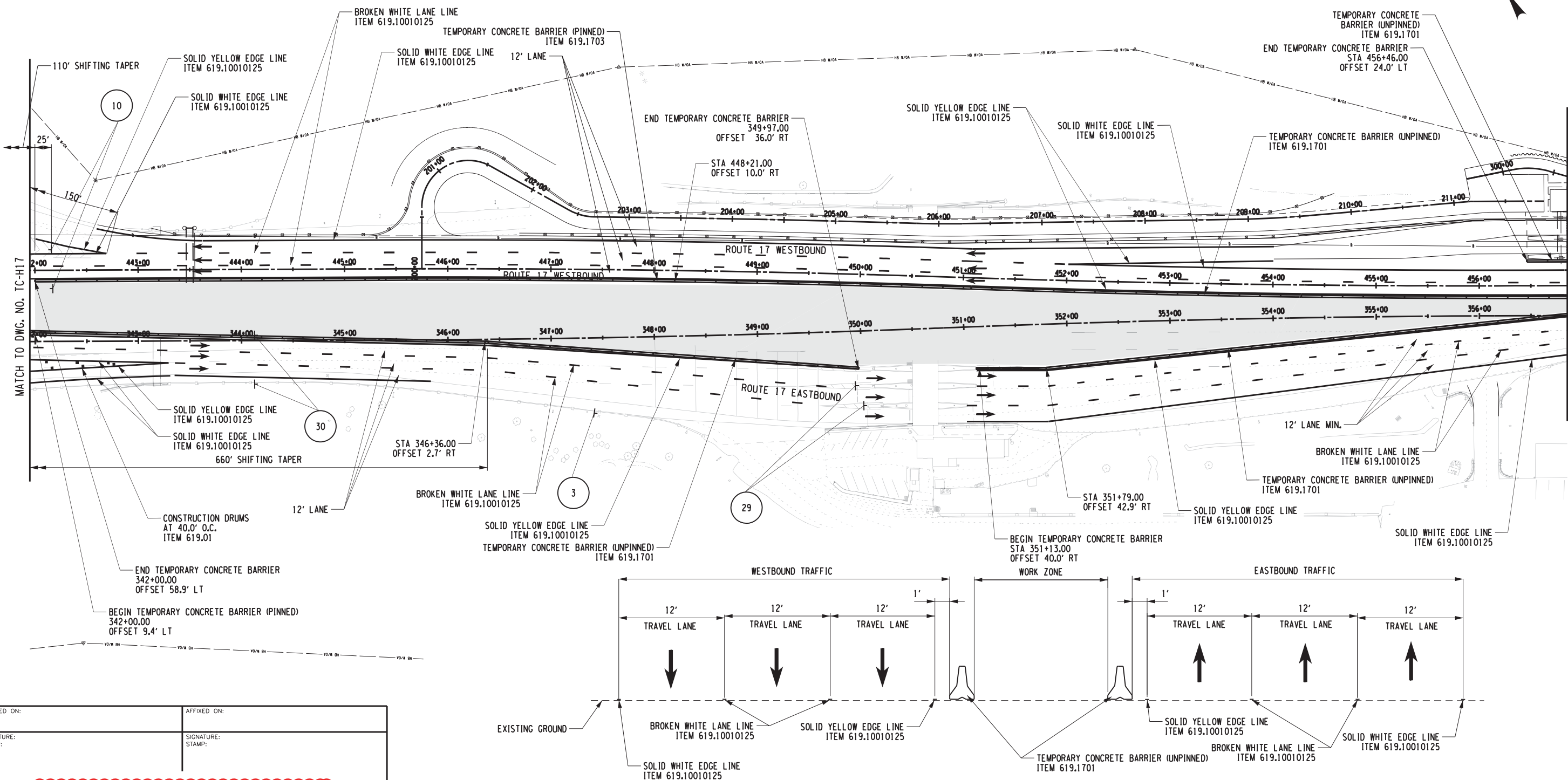
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NOTES:

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.
3. REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).

LEGEND

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



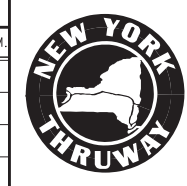
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SIGNATURE:	SIGNATURE:
STAMP:	STAMP:

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

SHUMAKER
Consulting Engineering & Land Surveying, D.P.C.

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



CHECKED BY: JMC

DRAFTED BY: JCH

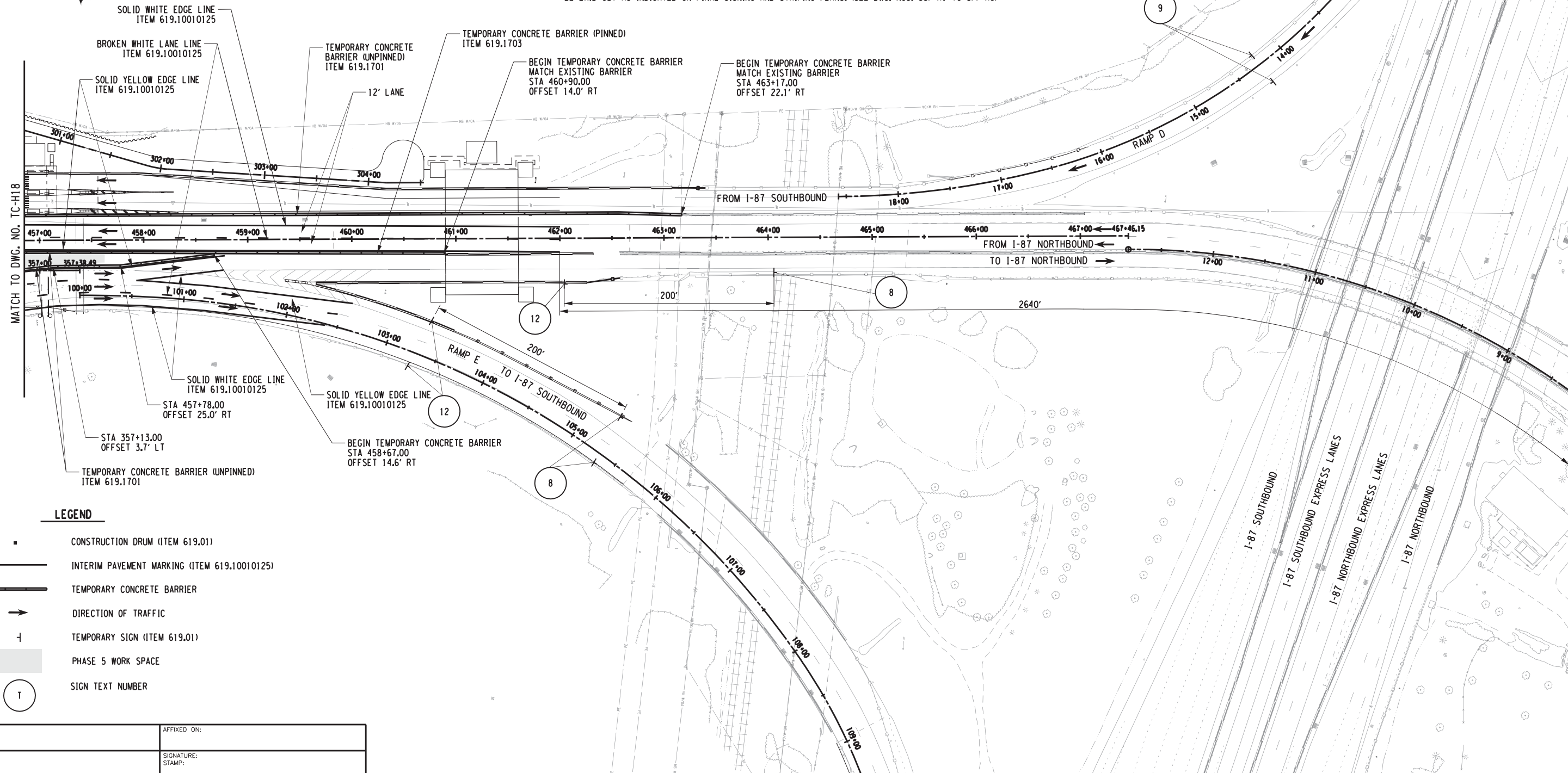
CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

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)

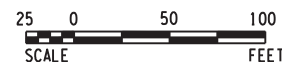


LEGEND

- 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: 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-H19

CHECKED BY: JMC

DRAFTED BY: JCH

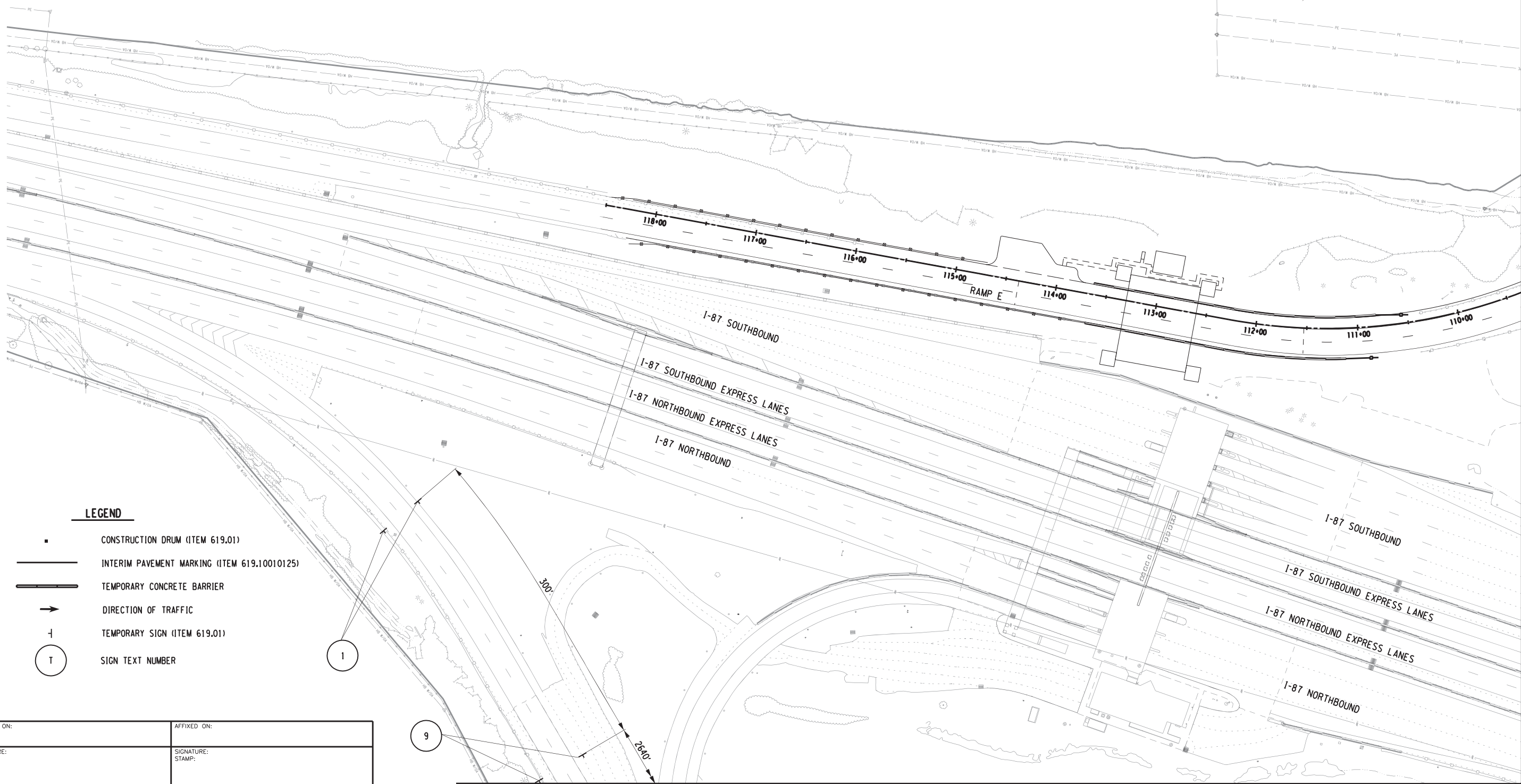
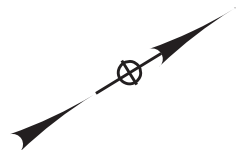
CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

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.



MATCH TO DWG. NO. TC-H19

MATCH TO DWG. NO. TC-H21

25 0 50 100
SCALE FEET

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-H20

CHECKED BY: JMC

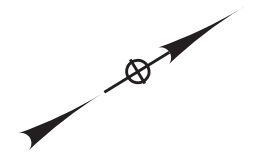
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CHECKED BY: JMC

DESIGNED BY: JCH

DESIGN SUPERVISOR: VDM

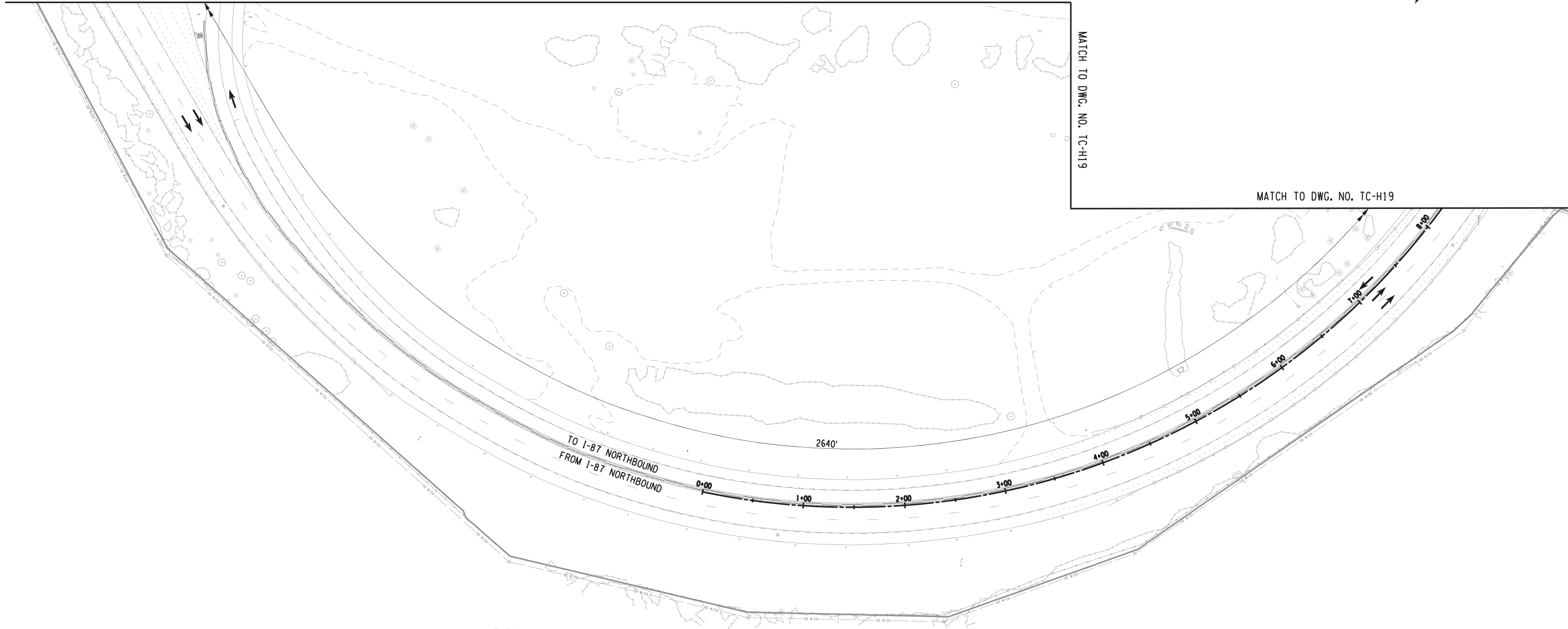
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MATCH TO DWG. NO. TC-H20

MATCH TO DWG. NO. TC-H19

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)
- Ⓣ SIGN TEXT NUMBER

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

**CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION**

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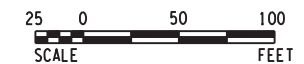
REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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



TITLE OF PROJECT AETC CONVERSION OF HARRIMAN TOLL PLAZA	CONTRACT NUMBER: TANY XX-X
LOCATION OF PROJECT ORANGE COUNTY	DATE: XX/XX/XX
TITLE OF DRAWING HARRIMAN WORK ZONE TRAFFIC CONTROL PLAN - PHASE 5	DRAWING NUMBER: TC-H21



CHECKED BY: JMC

DRAFTED BY: JCH

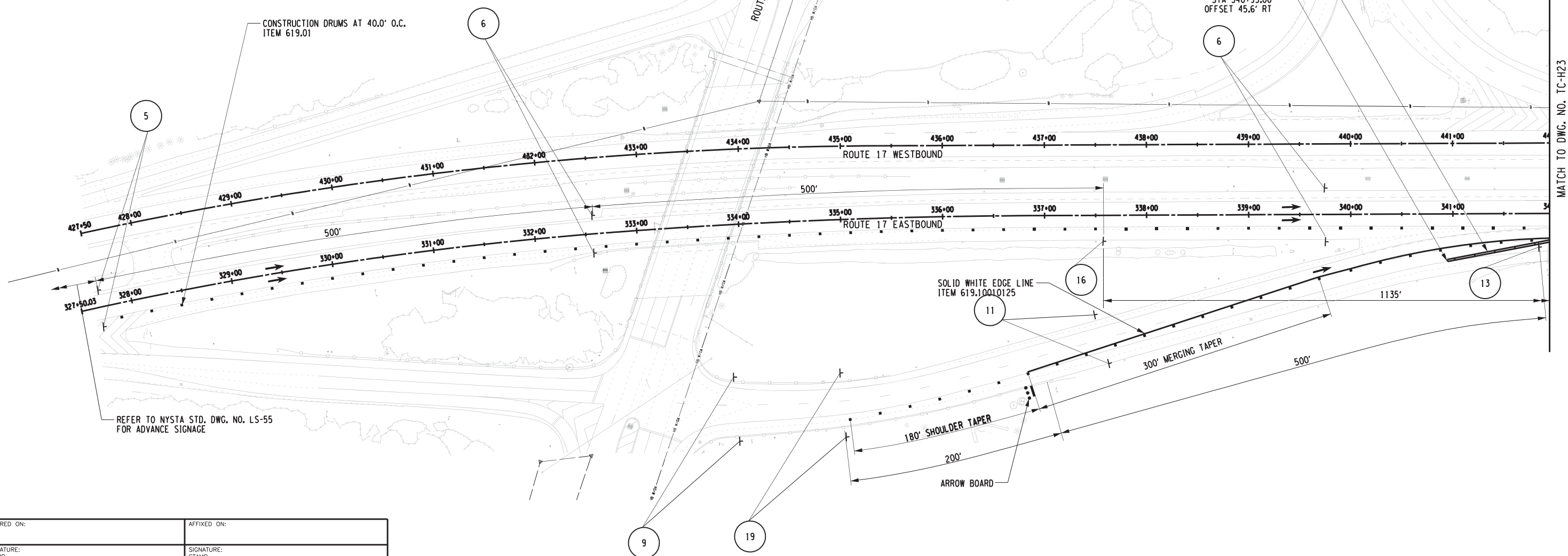
CHECKED BY: JMC

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



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

NOTES:

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

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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

SHUMAKER
Consulting Engineering & Land Surveying, D.P.C.

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-H22



MATCH TO DWG. NO. TC-H23

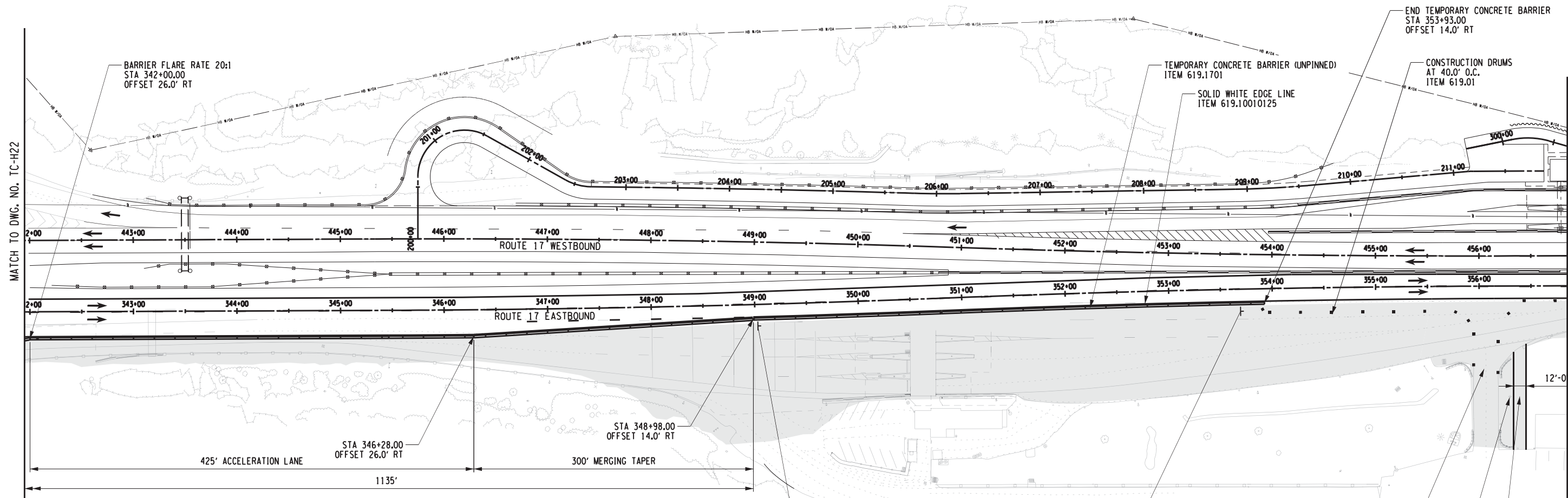
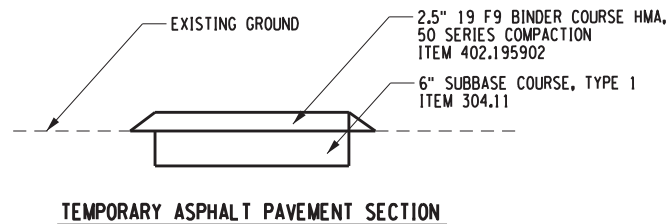
CHECKED BY: JMC

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 6 WORK SPACE

NOTES:

- 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 SPP-H6)
- REFER TO DWG. NOS. TCN-1 & TCN-2 FOR WORK ZONE TRAFFIC CONTROL NOTES.
- REFER TO DWG. NOS. SGD-1 & SGD-2 FOR WORK ZONE SIGN TYPES AND SIZES.
- REFER TO DWG. NO. TCT-1 FOR TEMPORARY CONCRETE BARRIER ITEM NUMBER AND TYPE (UNPINNED/PINNED).
- 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

25 0 50 100
SCALE FEET

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

SHUMAKER
Consulting Engineering & Land Surveying, D.P.C.

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

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.
3. PAVEMENT MARKINGS FOR THE NORTHERN MOST ROUTE 17 WESTBOUND LANES SHALL BE FINAL MARKINGS AS PER SIGNING AND STRIPING PLANS.

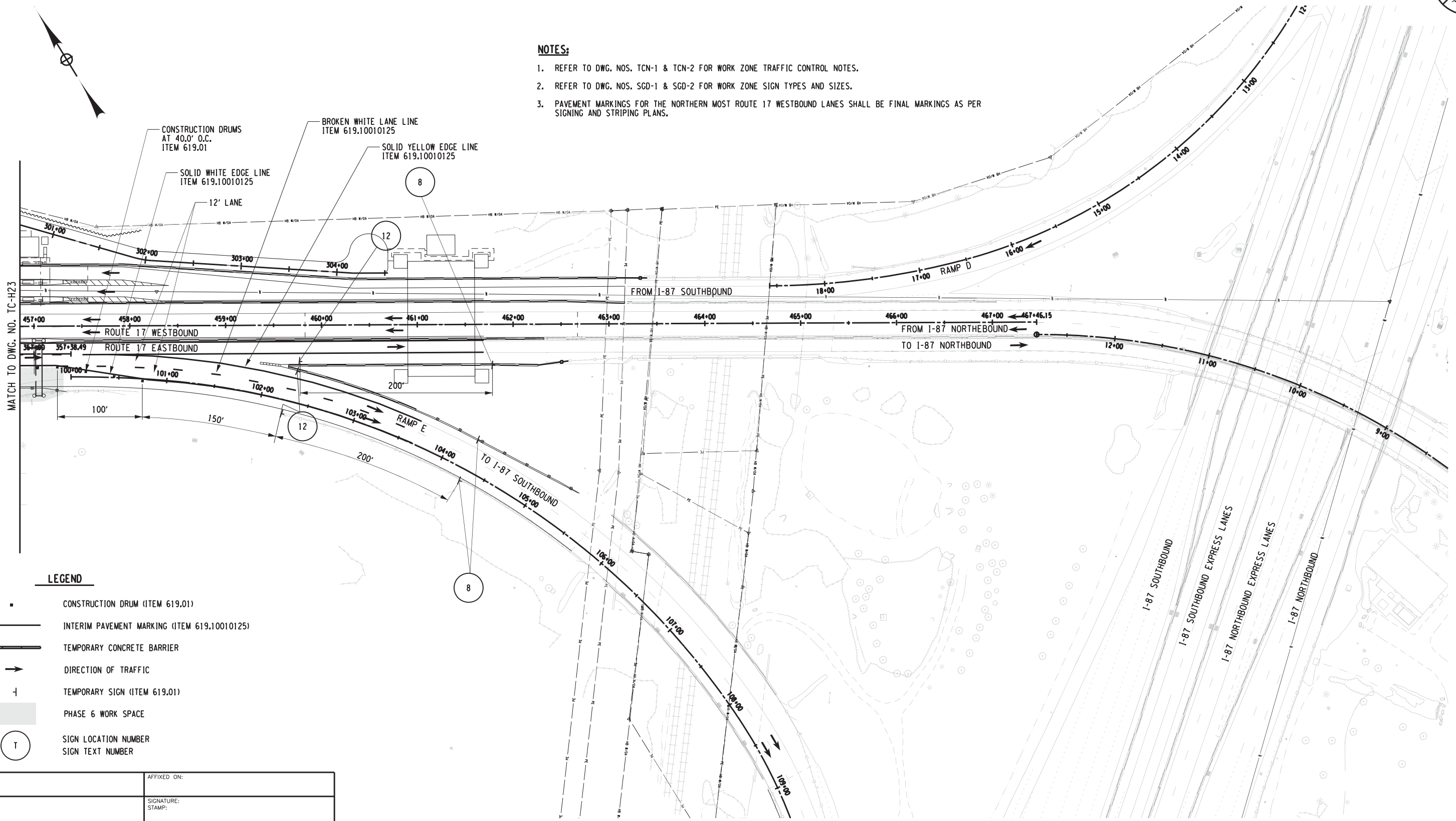
CHECKED BY: JMC

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



CONCEPT SUBMITTAL
NOT FOR CONSTRUCTION

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REVISIONS			
DATE	DESCRIPTION	BY	SYM.



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

SHUMAKER
Consulting Engineering & Land Surveying, D.P.C.

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