

CONSTRUCTION DRAWINGS FOR: GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER STAMP MAIN ACCESS ROAD & NYS ROUTE 77/63 LEFT TURN LANE

NYS DOT SUBMISSION
JUNE 2016

TOWN OF ALABAMA
GENESEE COUNTY, NEW YORK STATE

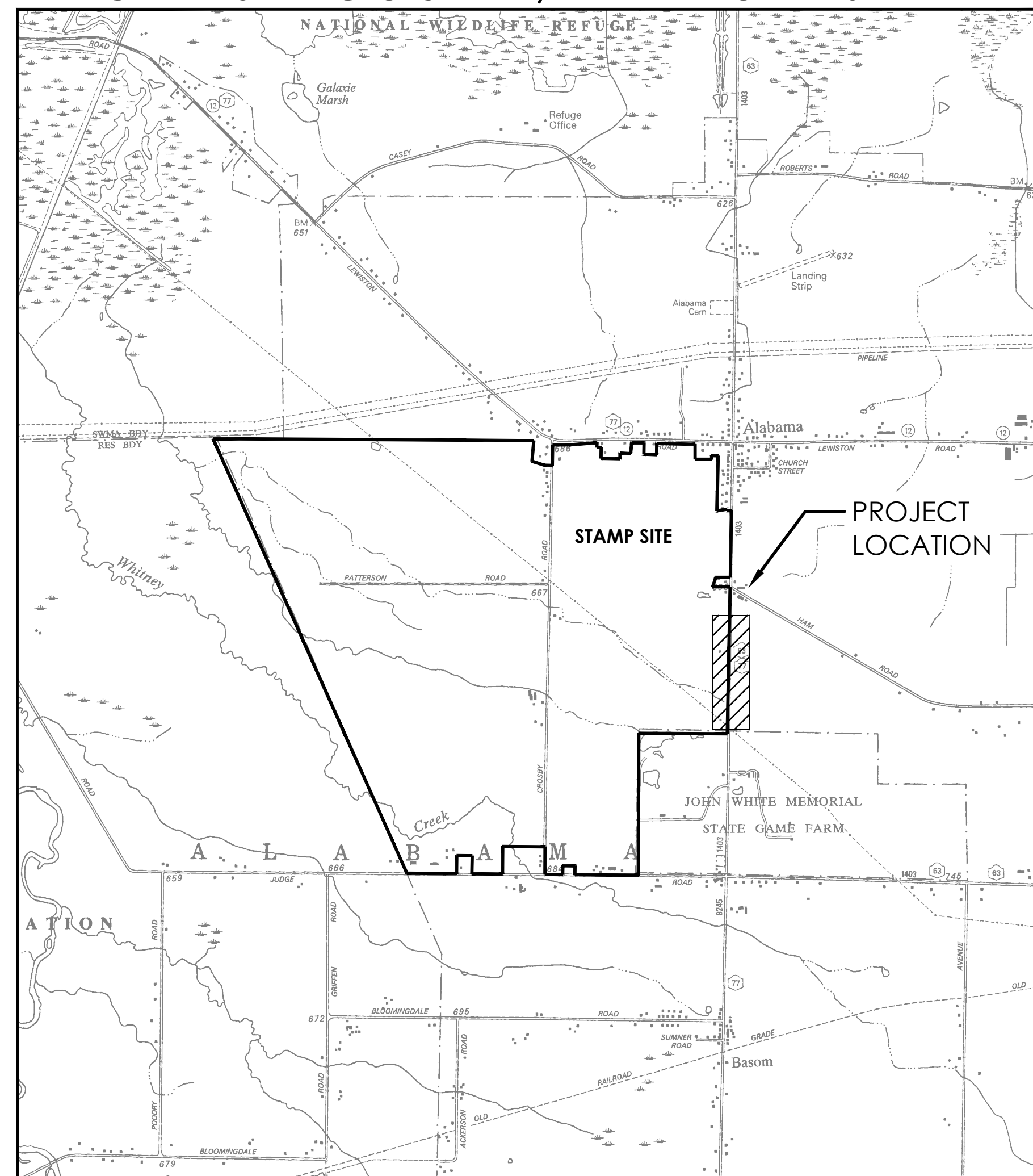


CHIEF EXECUTIVE OFFICER
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PAUL BATTAGLIA

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MARY ANN E. WIATER

MEMBERS
MATTHEW GRAY
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PETER ZELIFF
CRAIG YUNKER



LOCATION PLAN
SCALE: 1"=2000'

NYS DOT STANDARD SHEETS:

209-01, 603-02, 603-05, 608-03, 619-10, 619-11, 619-12
SHEET 1, 619-12 SHEET 2, 619-20, 619-60, 619-62, 645-01
SHEET 1, 645-01 SHEET 2, 645-03 SHEET 1, 645-03 SHEET 2,
664-01, 685-01 SHEET 1, 685-01 SHEET 6, 685-01 SHEET 8

DESIGN SPEED= 60 MPH
FUNCTIONAL CLASSIFICATION= MINOR ARTERIAL
AVERAGE ANNUAL DAILY TRAFFIC= 5,133
DESIGN VEHICLE: WB-67
RECORD PLAN NUMBER OF LATEST RECONSTRUCTION PROJECT:
CORFU-INDIAN FALLS, PART 2, INDIAN FALLS-ALABAMA, S.H. 8245
CORFU-INDIAN FALLS, PART 2, S.H. 1753
ALABAMA-BATAVIA, PART 1. S.H. 1403
NYS DOT RECORD PLAN #D253606
CLEAR ZONE = 14 FEET

DRAWING INDEX	
DWG. NO.	SHEET TITLE
G-01	GENERAL NOTES, LEGEND, SHEET LAYOUT
G-02	ALIGNMENT, PROFILE, SIGHT DISTANCE
C-01	DEMOLITION PLAN
C-02	WIDENING AND STRIPING PLAN
C-03	MAINTENANCE & PROTECTION OF TRAFFIC
C-04	MAINTENANCE JURISDICTION
D-01	SECTION VIEWS
D-02	SECTION VIEWS
D-03	SECTION VIEWS
D-04	TURNING MOVEMENTS
D-05	MISCELLANEOUS DETAILS
D-06	MISCELLANEOUS DETAILS
D-07	MISCELLANEOUS DETAILS
D-08	MISCELLANEOUS DETAILS
D-09	MISCELLANEOUS DETAILS
D-10	MISCELLANEOUS DETAILS
D-11	MISCELLANEOUS DETAILS

PREPARED BY: _____ DATE _____



CLARK PATTERSON LEE
DESIGN PROFESSIONALS
205 ST. PAUL STREET, SUITE 500
ROCHESTER, NEW YORK 14604
TEL (800) 274-9000
FAX (585) 232-5836
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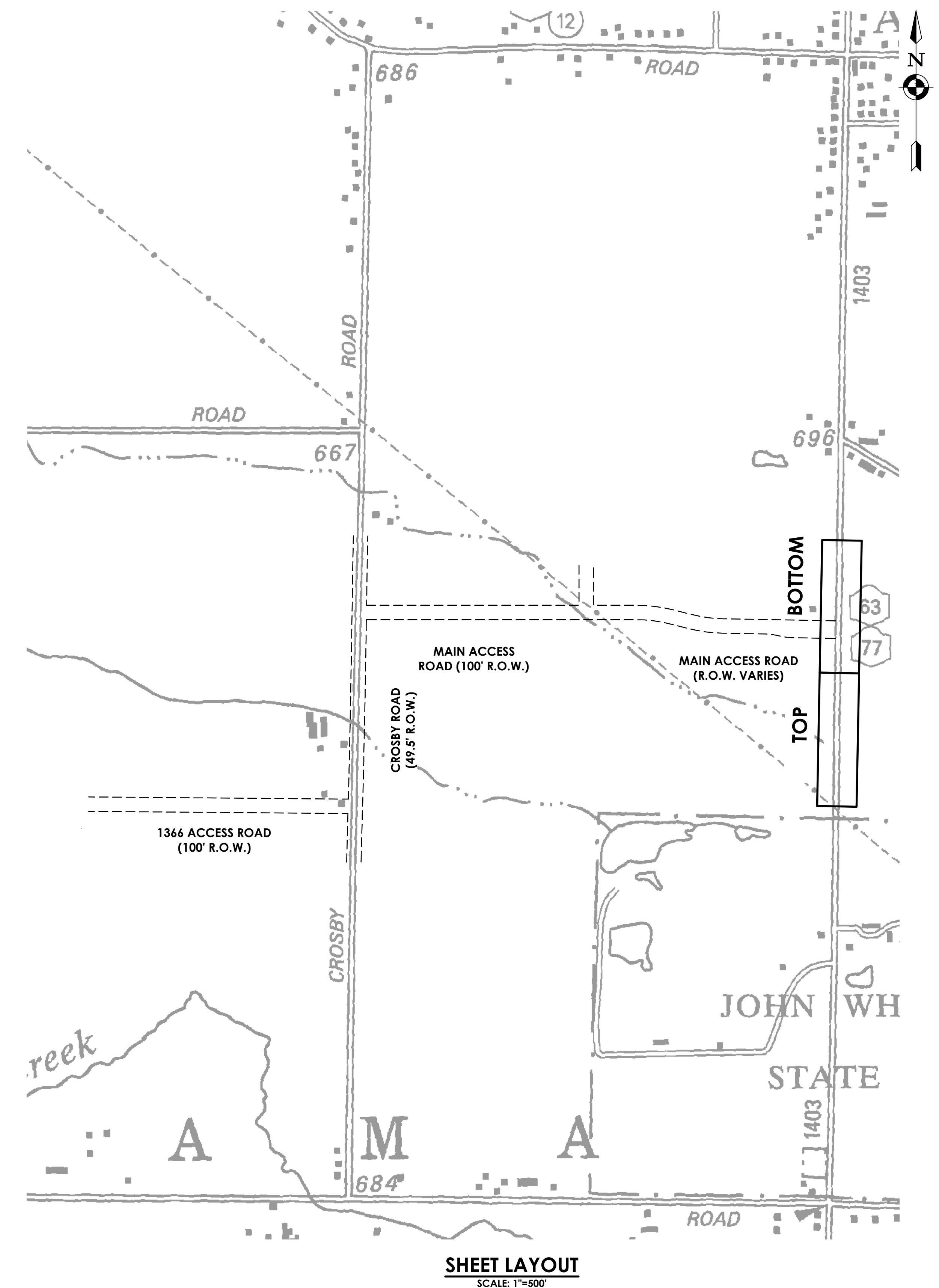
CLARK PATTERSON LEE IS RESPONSIBLE FOR THE DESIGN OF THIS PROJECT. ANDREW R. KOSA, P.E. IS THE DESIGNER AND IS FAMILIAR WITH NYS DOT STANDARDS AND REQUIREMENTS AND SHALL BE CONTACTED AT (585) 402-7506 TO RESOLVE ISSUES OR PROBLEMS DURING CONSTRUCTION. ALL REVISIONS AFFECTING THE STATE RIGHT-OF-WAY, INCLUDING REVISIONS NECESSARY DUE TO FIELD CONDITIONS, SHALL BE APPROVED BY THE NYS DOT.

GENERAL NOTES:

- ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH NYS DOT, OSHA, GENESEE COUNTY, AND LOCAL COMMUNITY REQUIREMENTS.
- THE LOCATIONS, SIZES AND ELEVATIONS OF EXISTING UTILITIES ARE BASED ON INFORMATION COMPILED BY THE ENGINEER FROM DRAWINGS OF RECORDS AND INFORMATION FURNISHED BY THE VARIOUS UTILITIES, WITH FIELD CHECKING WHERE NECESSARY AND POSSIBLE. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND MAY BE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE THIS INFORMATION VERIFIED AND LOCATED PRIOR TO CONSTRUCTION. NO CONSTRUCTION EXCAVATION, BORING, OR BLASTING SHALL BE DONE WITHOUT CERTIFICATION OF THE DEPTH AND LOCATION OF UTILITIES. CALL DIG SAFELY NEW YORK (UFPO) AT 1-(800)-962-7962 AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.
- HIGHWAY DRAINAGE SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION. THE ROADS SHALL BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
- SAFE AND CONTINUOUS THROUGH TRAFFIC AND INGRESS AND EGRESS FOR ADJACENT OWNER DRIVEWAYS, SERVICE ROADS AND PUBLIC STREETS SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE OWNER WILL OBTAIN ALL EASEMENTS OR PERMITS OUTLINED IN THE PROJECT SPECIFICATIONS.
- THE CONTRACTOR SHALL LOCATE, FLAG AND PRESERVE SURVEY MONUMENTS AND PROPERTY CORNER MARKERS. THE CONTRACTOR SHALL HAVE A LICENSED SURVEYOR REESTABLISH ANY PROPERTY CORNERS OR SURVEY MONUMENTS DISTURBED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
- EROSION CONTROL DEVICES SHALL BE ESTABLISHED PRIOR TO COMMENCING WORK. THE ENGINEER WILL BE THE FINAL JUDGE OF THE ADEQUACY OF CONTRACTOR'S EROSION AND SEDIMENT CONTROL AND MAY SUSPEND WORK UNTIL ADEQUATE CONTROL IS ATTAINED.
- ALL EXISTING UTILITY LINES NEAR SHALL BE PROTECTED, PRESERVED AND AND SUPPORTED AS NECESSARY AT THE CONTRACTOR'S EXPENSE.
- UTILITY POLES SHALL BE SUPPORTED, WHERE NECESSARY, AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL TREES, FENCES AND OTHER OBSTACLES WITHIN THE ROW AND EASEMENT. CONTRACTOR SHALL RETAIN THE SERVICES OF A QUALIFIED TREE EXPERT TO REMOVE, WHERE NECESSARY.
- BRANCHES WHICH INTERFERE WITH THE CONSTRUCTION OPERATIONS, OR REPAIR TREES HAVING SUFFERED DAMAGE BY CONSTRUCTION ACTIVITIES. COST TO BE INCLUDED IN THE VARIOUS ITEMS BID OF THE CONTRACT.
- TO PROTECT NEW OR EXISTING WORK, SHEETING OR SHORING (IF REQUIRED DURING CONSTRUCTION) SHALL BE PROVIDED AT NO COST TO THE OWNER.
- WHEREVER MAILBOXES, POSTS, FENCES, SHRUBBERY, ETC. ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THEY SHALL BE REMOVED AND RESET AS ORDERED BY THE ENGINEER. COST TO BE INCLUDED IN THE VARIOUS ITEMS BID OF THE CONTRACT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF EXCAVATED MATERIAL FROM THE SITE.
- THE CONTRACTOR SHALL CONFORM TO ALL CONDITIONS OF ANY APPLICABLE EASEMENTS.
- THE CONTROL OF DUST ORIGINATING FROM THE CONSTRUCTION OPERATIONS IS CONSIDERED A CRITICAL RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER WILL BE THE FINAL JUDGE OF THE ADEQUACY OF THE CONTRACTOR'S DUST CONTROL EFFORTS. WORK MAY BE SUSPENDED BY THE ENGINEER UNTIL ADEQUATE DUST CONTROL IS ATTAINED.
- ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
- MATERIALS, EQUIPMENT AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NYS DOT HIGHWAY RIGHT-OF-WAY.

LEGEND

	RIGHT OF WAY LINE
	EXISTING GAS MAIN
	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING UNDERGROUND TELEPHONE LINE, TELEPHONE BOX
	EXISTING CULVERT
	EXISTING DITCH
	NEW WATER MAIN, HYDRANT, WATER VALVE
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	TREE OR BUSH TO BE REMOVED
	DIRECTION OF FLOW
	SILT FENCE
	RIP RAP
	FENCE LINE
	POWER POLE
	LIGHT POLE
	SIGN
	IRON PIN
	REBAR
	TREES
	WOODS
	HEDGES
	BUSHES
	NEW MAJOR CONTOUR
	NEW MINOR CONTOUR
	REPLACE ASPHALT OR CONCRETE DRIVEWAY TO ROW
	MILL AND RESURFACE
	CUT LIMITS
	FILL LIMITS



Referenced Drawings: NYS DOT SHEET LAYOUT C/P 12/23/16 GENERAL NOTES SHEET LAYOUT (2) Testnote-Ag Park
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 Date last accessed: 6/24/2016 11:20 AM
 Date last plotted: 6/24/2016 11:30 AM
 Plotted By: Zach Anderson

REVISIONS				
NO.	DATE	BY	CHKD	DESCRIPTION

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GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

TOWN OF ALABAMA GENESEE COUNTY NEW YORK STATE

DATE: 06/23/16
 DRAWN: NCB
 DESIGNED: ZLA
 CHECKED: ARK
 SCALE: AS NOTED

STAMP MAIN ACCESS ROAD

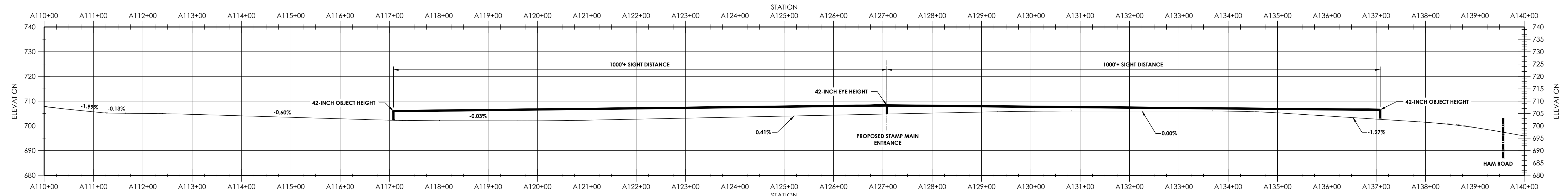
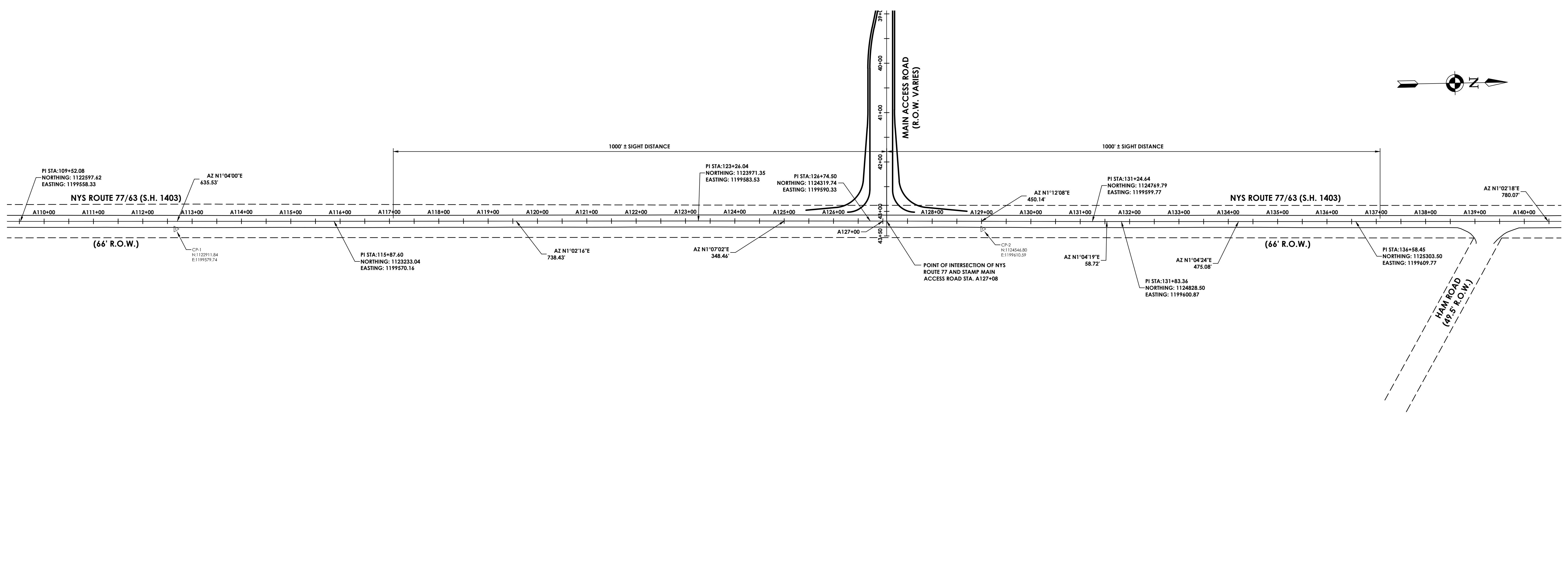
GENERAL NOTES, LEGEND, SHEET LAYOUT

PROJECT NUMBER
12498.40

DRAWING NUMBER
G-01

THIS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER IN ANY MANNER ANY WAY, IF AFTER BEGINNING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED. THE ALTERING PARTY SHALL NOTIFY THE TOWN ENGINEER AND THE TOWN ENGINEER SHALL NOTIFY THE TOWN ENGINEER AND THE TOWN ENGINEER SHALL NOTIFY THE TOWN ENGINEER AND THE TOWN ENGINEER SHALL NOTIFY THE TOWN ENGINEER.

Referenced Drawings: None
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 Date last accessed: 6/24/2016 11:21 AM
 Date last plotted: 6/24/2016 11:31 AM
 Plotted By: Zach Anderson



NYS ROUTE 77/63
STA. A110+00 TO STA. A140+00
 SCALE: HORIZONTAL: 1"=100'
 VERTICAL: 1"=20'

REVISIONS				
NO.	DATE	BY	CHKD	DESCRIPTION


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**GENESSEE COUNTY ECONOMIC
 DEVELOPMENT CENTER**

TOWN OF ALABAMA GENESSEE COUNTY NEW YORK STATE

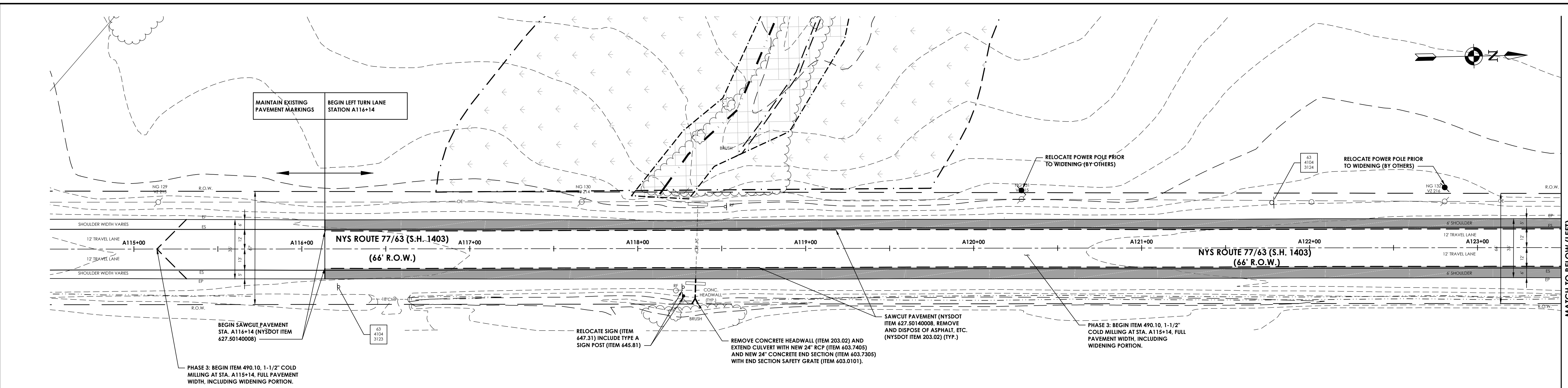
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 DRAWN: ZLA
 DESIGNED: ZLA
 CHECKED: ARK
 SCALE: AS NOTED

STAMP MAIN ACCESS ROAD
ALIGNMENT, PROFILE & SIGHT DISTANCE

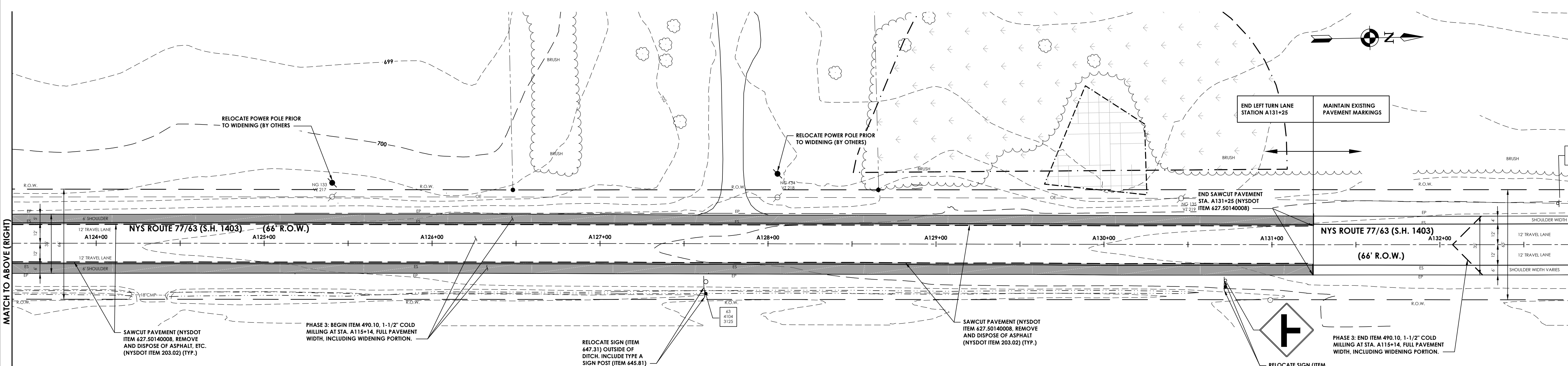
PROJECT NUMBER
 12498.40
 DRAWING NUMBER
G-02

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Referenced Drawings: None
 Drawing Name: J:\PROJECTS\GCEDC\STAMP Onsite IntraD Design\ACAD\Civil\Site STAMP Design-Full Site-Turnlane.dwg
 Date last accessed: 6/24/2016 11:54 AM
 Date last plotted: 6/24/2016 12:22 PM
 Plotted By: Zach Anderson



PLAN STA. A114+50 TO STA. A123+50



PLAN STA. A124+00 TO STA. A131+25

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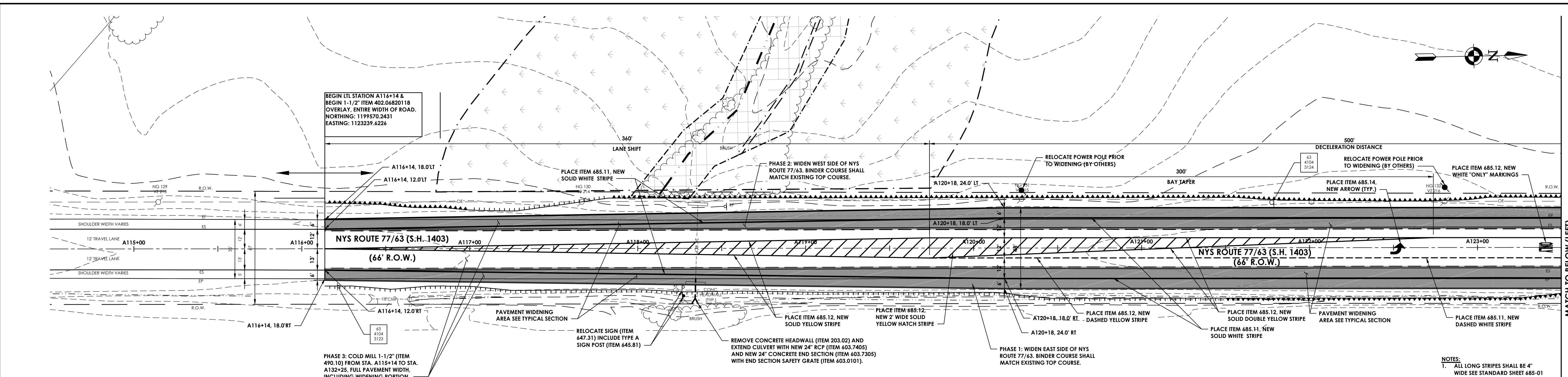
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DRAWN:	ZLA
DESIGNED:	ARK
CHECKED:	TAC
SCALE:	1"=30'

WNY SCIENCE ADVANCE MANUFACTURING AND TECHNOLOGY PARK
DEMOLITION PLAN

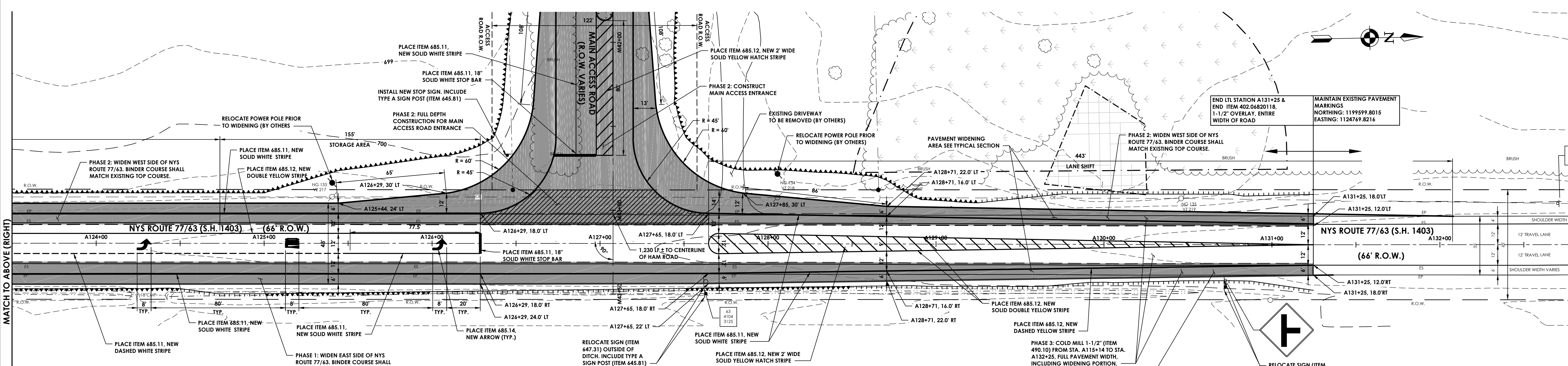
PROJECT NUMBER	12498.40
DRAWING NUMBER	C-01

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Referenced Drawings: None
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 Date last accessed: 6/24/2016 11:54 AM
 Date last plotted: 6/24/2016 12:23 PM
 Plotted By: Zach Anderson



PLAN STA. A114+50 TO STA. A123+50



PLAN STA. A114+50 TO STA. A123+50

- NOTES:**
1. ALL LONG STRIPES SHALL BE 4" WIDE SEE STANDARD SHEET 685-01
 2. ALL HATCHING STRIPES SHALL BE 2" WIDE. SEE STANDARD SHEET 685-01 (POSTED SPEED= 55 MPH)

REVISIONS				
NO.	DATE	BY	CHKD	DESCRIPTION


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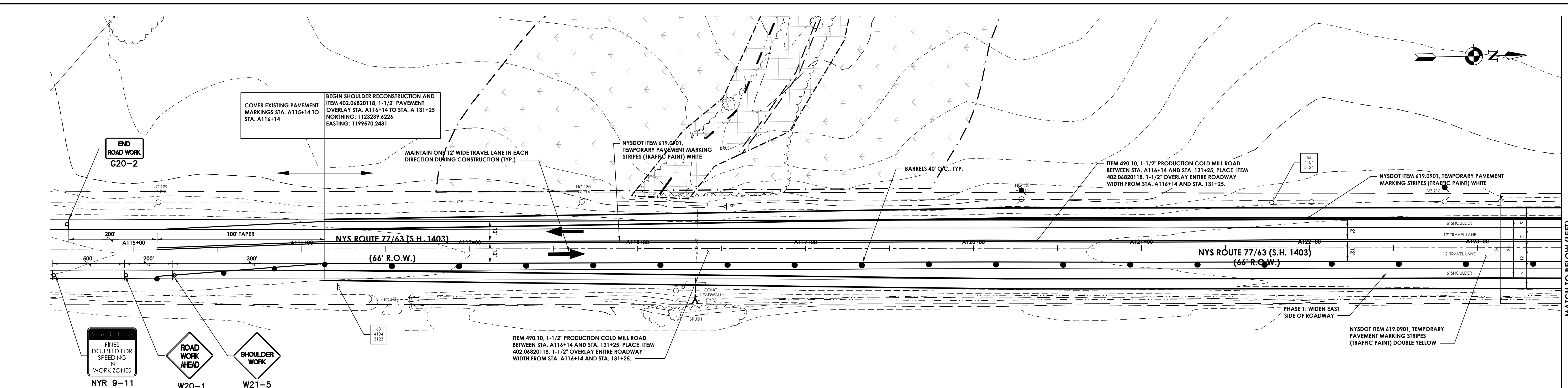
GENESSEE COUNTY ECONOMIC DEVELOPMENT CENTER
 TOWN OF ALABAMA GENESSEE COUNTY NEW YORK STATE

DATE:	06/23/16
DRAWN:	ZLA
DESIGNED:	ARK
CHECKED:	TAC
SCALE:	1"=30'

WNY SCIENCE ADVANCE MANUFACTURING AND TECHNOLOGY PARK
WIDENING AND STRIPING PLAN

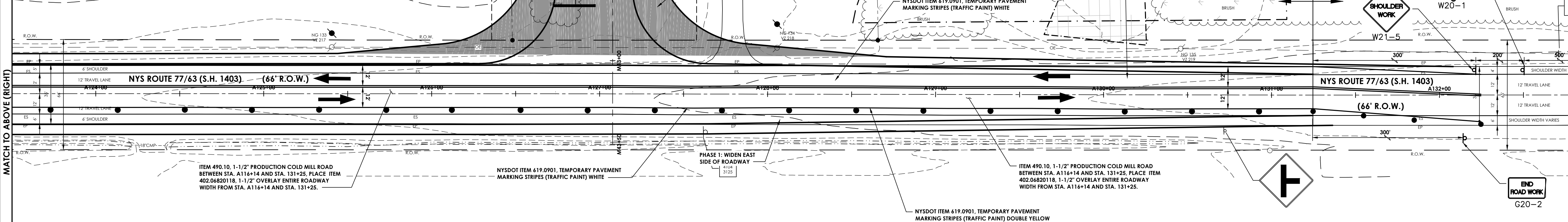
PROJECT NUMBER	12498.40
DRAWING NUMBER	C-02

Referenced Drawings: None
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 Date last accessed: 6/24/2016 11:54 AM
 Date last plotted: 6/24/2016 12:00 PM
 Plotted By: Zach Anderson



PLAN STA. A114+50 TO STA. A123+50

- MPT NOTES:**
- TRAFFIC SHALL BE MAINTAINED ON A PAVED SURFACE AT ALL TIMES.
 - EACH PHASE OF WORK SHALL BE COMPLETED BEFORE SUBSEQUENT PHASE CAN BEGIN.
 - PROPOSED CONSTRUCTION PHASING**
 - PHASE 1: WIDEN EAST SIDE OF ROUTE 77/63. BINDER COURSE SHALL BE INSTALLED TO MATCH EXISTING TOP COURSE. COVER THE EXISTING LANE MARKINGS FROM STA. A115+14 TO STA. 116+14 AND STA. A131+25 TO STA. A132+25 WITH BLACK MARKING TAPE. INSTALL NEW INTERIM MARKINGS 3' EAST OF EXISTING MARKINGS FROM STA. A116+14 TO A131+25. INSTALL LANE SHIFT PAVEMENT MARKINGS FROM STA. A115+14 TO STA. 116+14 AND A116+14 TO A131+25. BARRELS SHALL BE PLACED AT THE EDGE OF THE WIDENING. BARREL SPACING AND SIGNING SHALL BE PER TABLE 619-4 OF THE NYS DOT STANDARD SPECIFICATIONS. NORTHBOUND LANE SHALL BE 12' PLUS 1' OFFSET TO BARREL PLUS 2' FOR THE BARREL. THE SOUTHBOUND LANE SHALL BE 12'.
 - PHASE 2: WIDEN WEST SIDE OF ROUTE 77/63 AND CONSTRUCT STAMP MAIN ENTRANCE. THIS PHASE SHALL BE THE MIRROR IMAGE OF PHASE 1.
 - PHASE 3: ITEM 490.10, 1-1/2" PRODUCTION COLD MILL FULL PAVEMENT WIDTH FROM STA. A115+14 TO STA. A132+25, PLACE 1-1/2" ITEM 402.0682018, 1-1/2" FULL PAVEMENT WIDTH FROM STA. A115+14 TO STA. A132+25 AND RESTRIPE ROADWAY.
 - DAYTIME WORK OPERATIONS SHALL BE PERFORMED USING FLAGGING PER STANDARD SHEET 619-60. THERE SHALL BE NO FLAGGING BETWEEN 3:30 PM AND 6 PM DURING THE WEEKDAYS.
 - NYS DOT STANDARD SHEET 619-20 SHALL APPLY FOR ROADWAY WIDENING WORK.
 - NYS ROUTE 77/63 IS A PRIORITY NETWORK HIGHWAY. THE PERMITTEE IS ADVISED THAT THE NYS DOT IS NOW REVIEWING ALL LANE CLOSURES ON THE PRIORITY NETWORK FOR IMPACT ON TRAFFIC OPERATIONS IN REAL-TIME. THE PRIORITY NETWORK CONSISTS OF INTERSTATES 390, 490, AND 590 AND STATE ROUTES 390, 590, 104 (FROM NY 390 TO WAYNE COUNTY), US 20, NY 63 (FROM STUBBEN COUNTY TO I 190) AND NY 77 IN GENESEE COUNTY. WHEN ANY PARTY INTENDS TO CLOSE A LANE OR SHOULDER ON ANY OF THESE HIGHWAYS, THE SURFACE TRANSPORTATION CONTROLLER (STC) SHALL BE NOTIFIED AT (585) 753-7780. THE CLOSURE WILL BE EVALUATED IN THE LIGHT OF WHAT IS HAPPENING AT THAT TIME ON THE HIGHWAY. INCIDENTS, CONFLICTING WORK ZONES OR OTHER UNPLANNED EVENTS THAT RENDER THE HIGHWAY UNAVAILABLE FOR THE CLOSURE MAY RESULT IN A SHORT-TERM DISAPPROVAL OF THE CLOSURE UNTIL THE SITUATION HAS BEEN RESOLVED. EVALUATION PROCEDURES ARE AVAILABLE FOR REVIEW AT THE REGIONAL TRAFFIC OPERATIONS CENTER, 1155 SCOTTSVILLE ROAD, ROCHESTER, NY.



PLAN STA. A114+50 TO STA. A123+50

REVISIONS				
NO.	DATE	BY	CHKD	DESCRIPTION


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GENESSEE COUNTY ECONOMIC DEVELOPMENT CENTER
 TOWN OF ALABAMA GENESEE COUNTY NEW YORK STATE

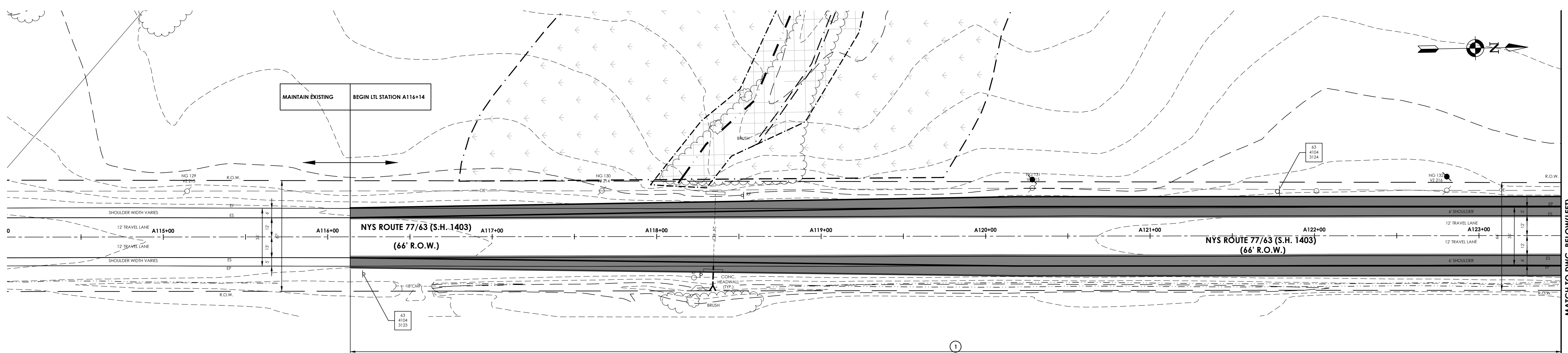
DATE:	06/23/16
DRAWN:	ZLA
DESIGNED:	ARK
CHECKED:	TAC
SCALE:	1"=30'

WNY SCIENCE ADVANCE MANUFACTURING AND TECHNOLOGY PARK
MAINTENANCE & PROTECTION OF TRAFFIC

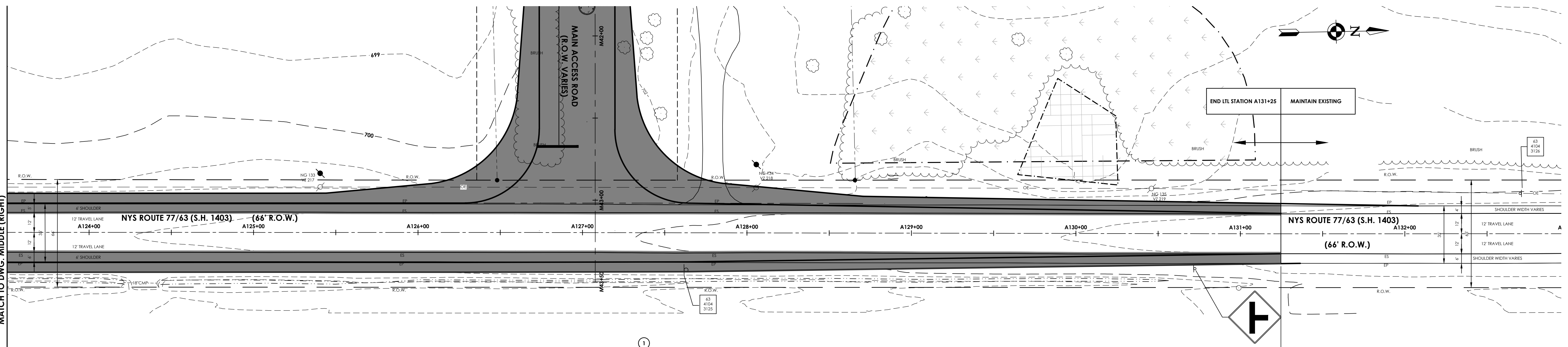
PROJECT NUMBER	12498.40
DRAWING NUMBER	C-03

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Referenced Drawings: None
 Drawing Name: J:\PROJECTS\GCCDC\STAMP Onsite Infrad.D Design\ACAD\Civil\Site\STAMP Design-Full Site-Turnlane.dwg
 Date last accessed: 6/24/2016 11:22 AM
 Date last plotted: 6/24/2016 11:36 AM
 Plotted By: Zach Anderson



PLAN STA. A114+50 TO STA. A123+50



PLAN STA. A114+50 TO STA. A123+50

TABLE OF MAINTENANCE JURISDICTION									SNOW AND ICE REMOVAL	
POINT	HIGHWAY	LIMITS	FEATURES TO BE MAINTAINED	MILES	LANE MILES	AGENCY	AUTHORITY	AGENCY	AUTHORITY	
1	ROUTE 77/63 S.H. 1403	STA. A116+14 TO STA. A131+25	PAVEMENT, SHOULDERS, LANDSCAPING, SIGNS, EMBANKMENTS, DRAINAGE SYSTEM AND HIGHWAY APPURTENANCES	0.29	0.58	NYS DOT	SECTION 12	NYS DOT	SECTION 12	

REVISIONS				
NO.	DATE	BY	CHKD	DESCRIPTION


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TOWN OF ALABAMA GENESEE COUNTY NEW YORK STATE

GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER
 TOWN OF ALABAMA GENESEE COUNTY NEW YORK STATE

DATE: 06/23/16
 DRAWN: ZLA
 DESIGNED: ARK
 CHECKED: TAC
 SCALE: 1"=30'

WNY SCIENCE ADVANCE MANUFACTURING AND TECHNOLOGY PARK
NYS ROUTE 77/63 MAINTENANCE JURISDICTION

PROJECT NUMBER
 12498.40
 DRAWING NUMBER
C-04

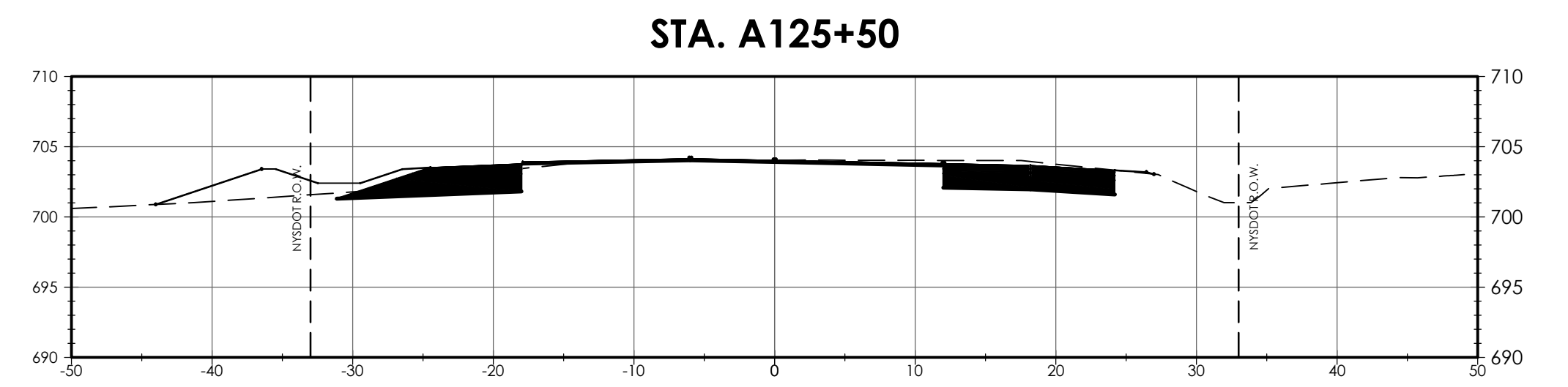
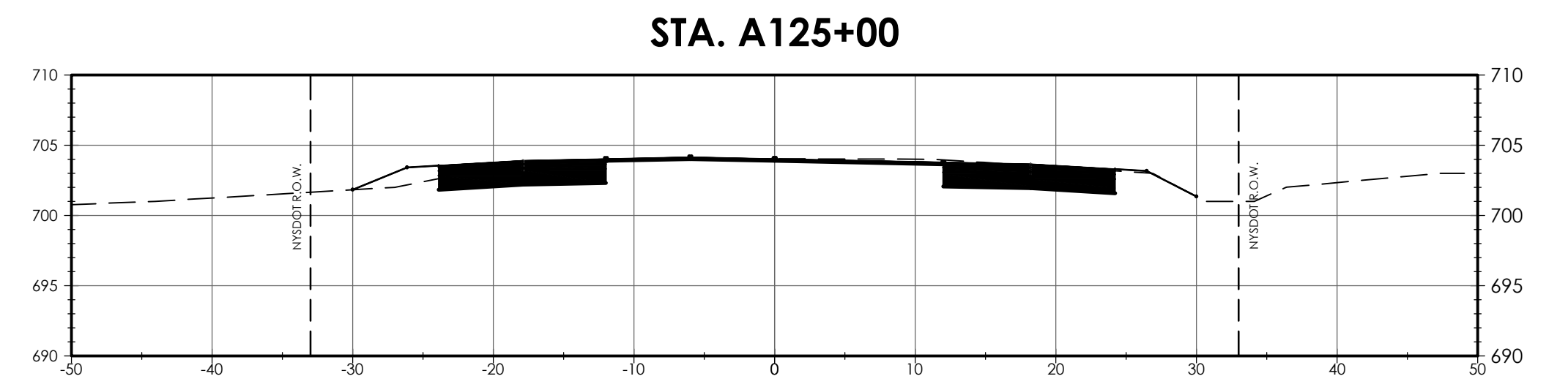
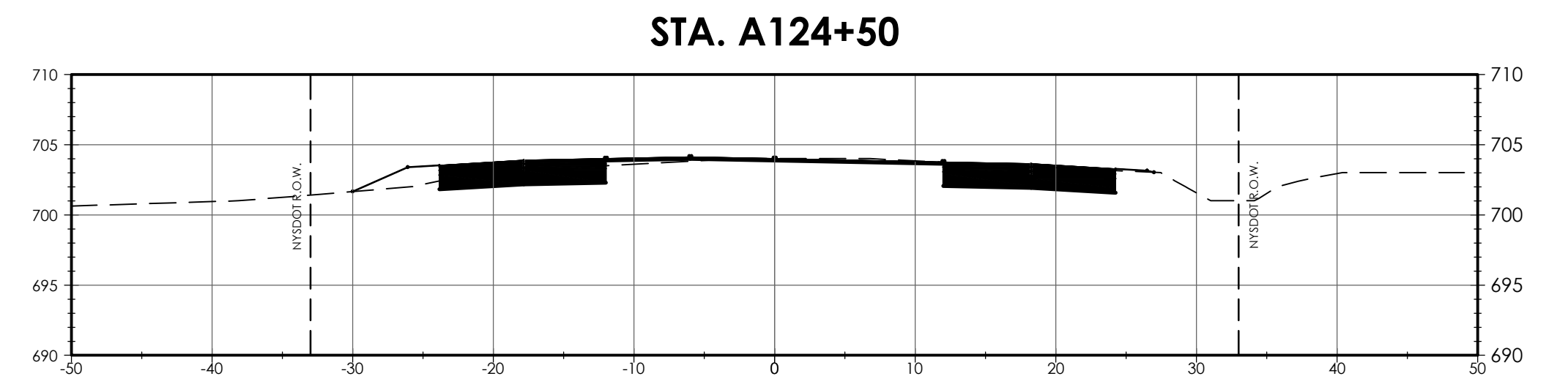
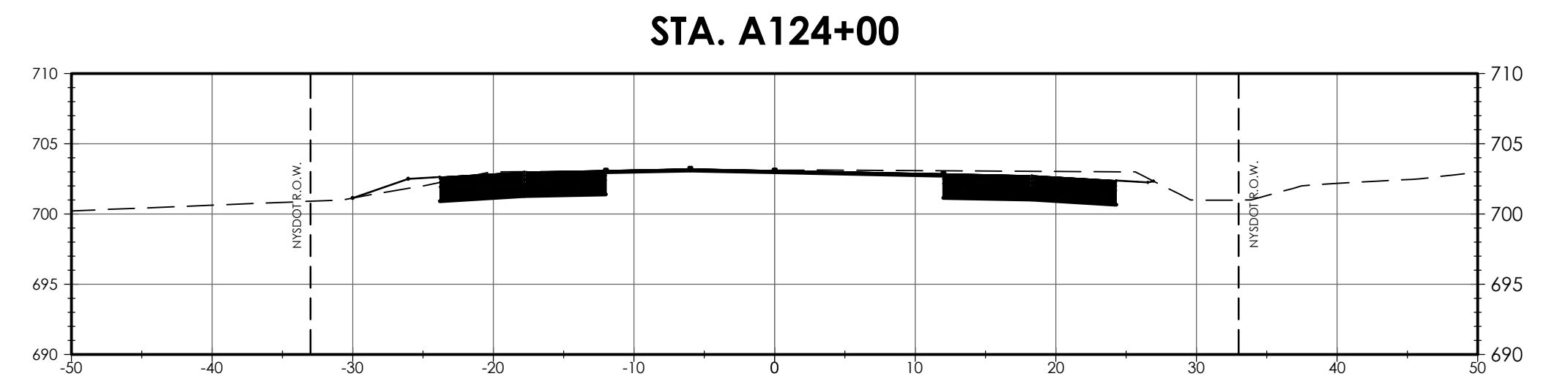
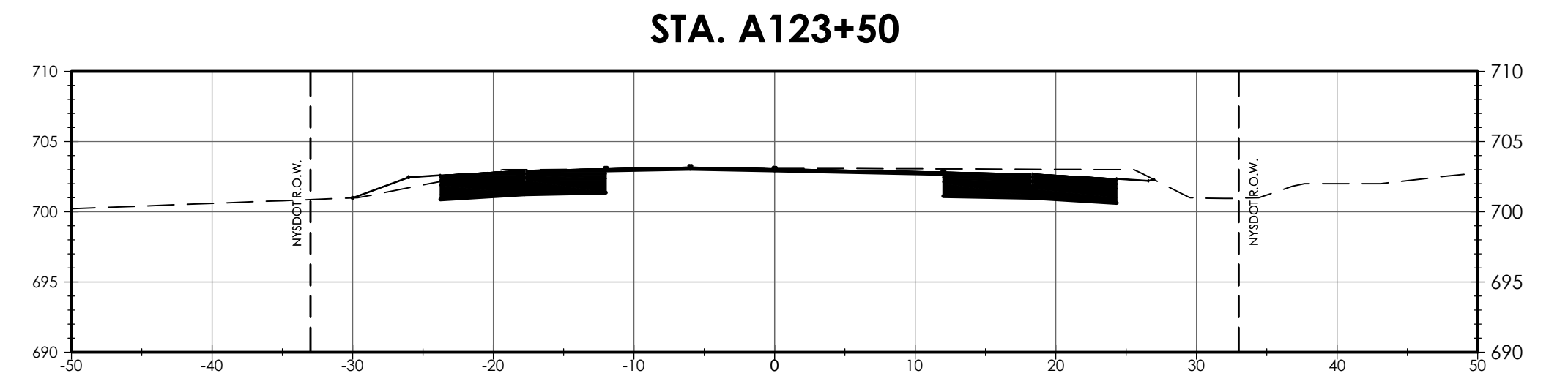
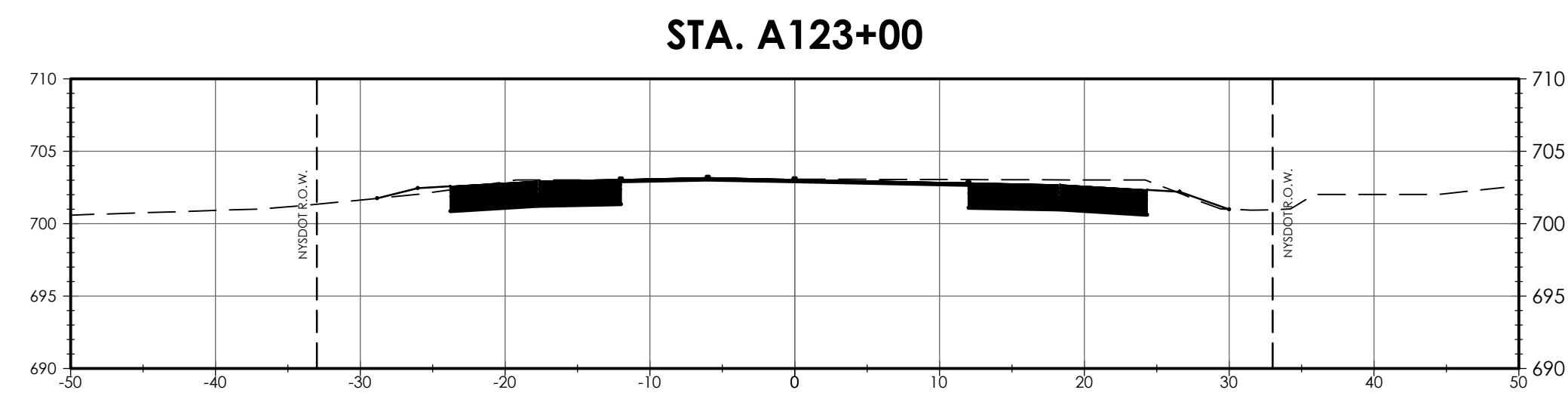
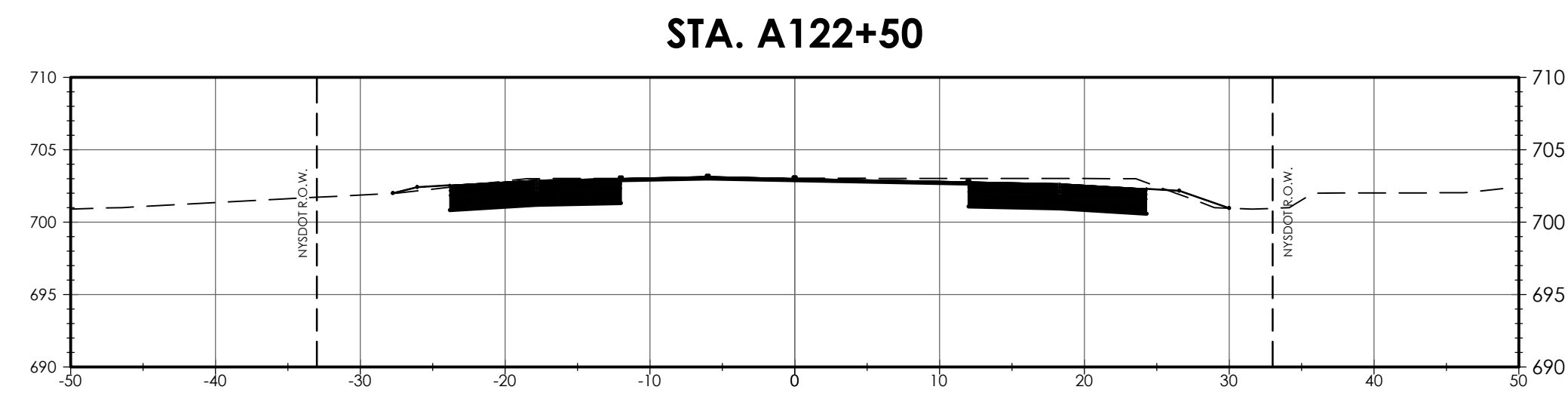
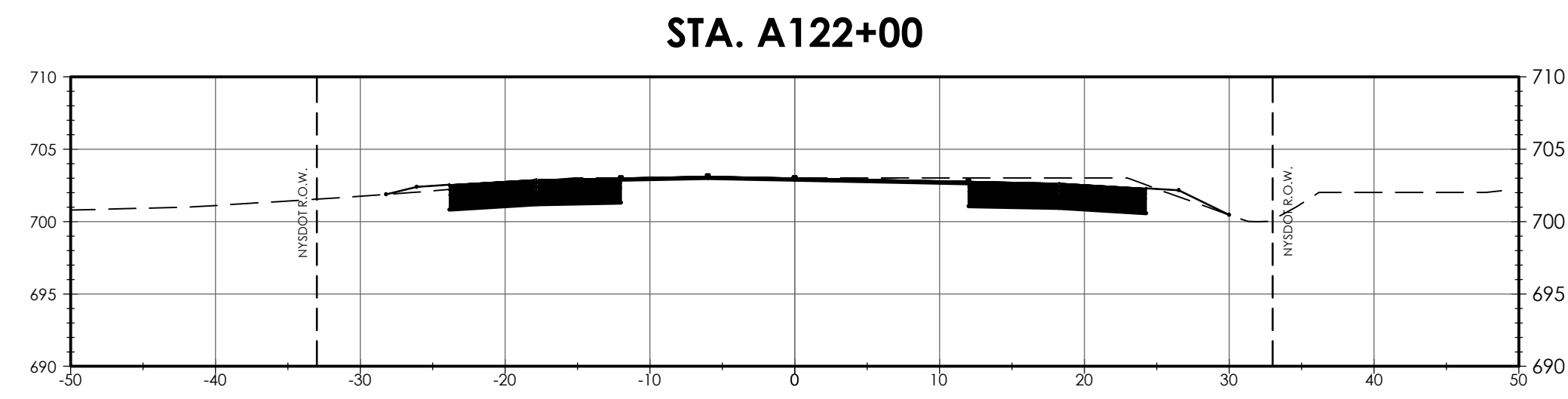
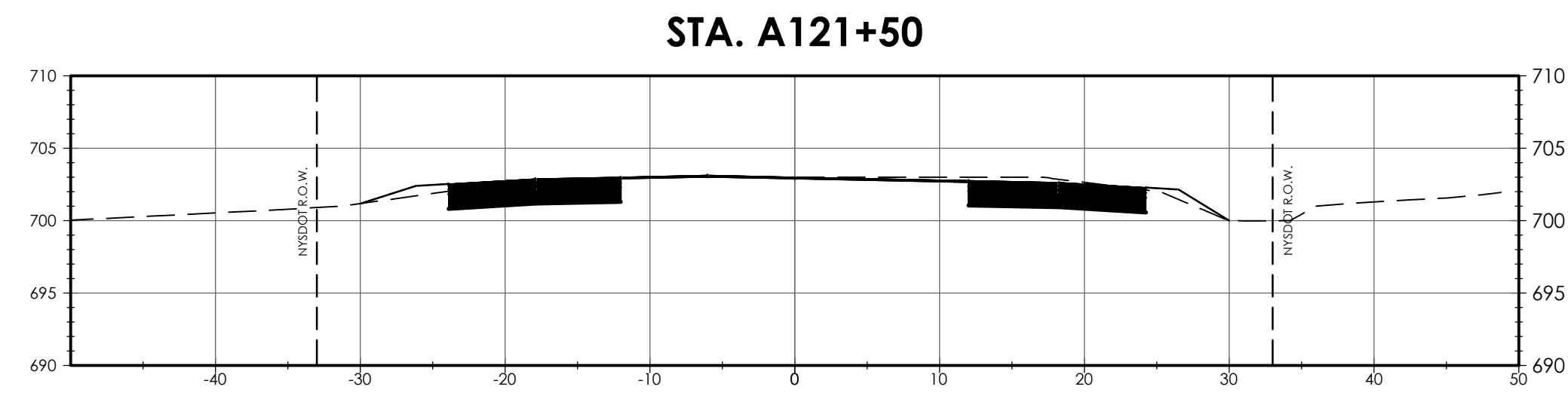
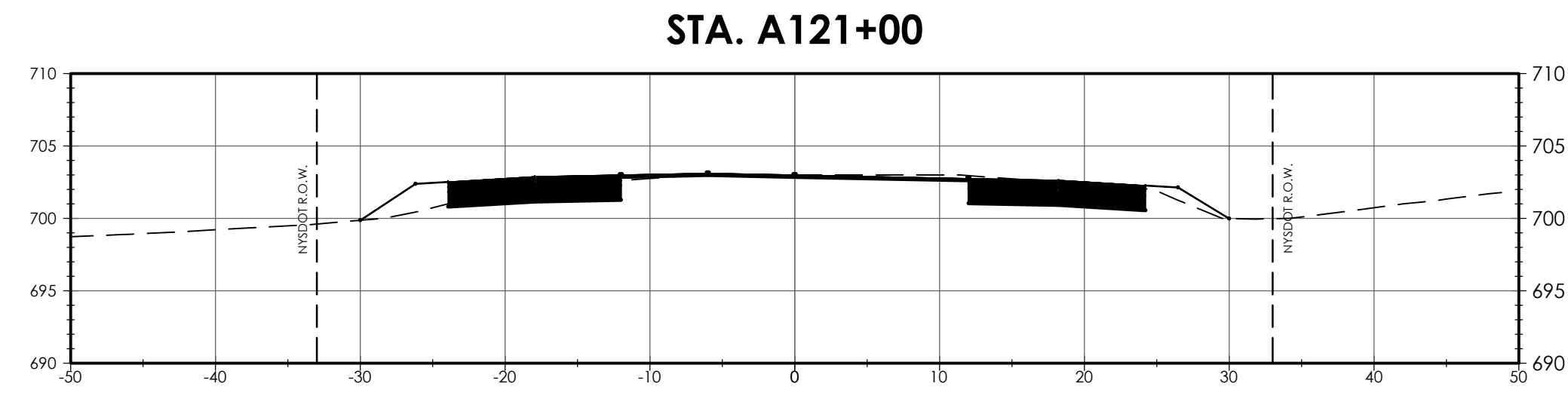
THIS IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR. TO ALTER OR REVISION ANY WAY, IF ALTERED OR REVISION SHALL BE FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Plotted By: Zach Anderson

Date last plotted: 6/24/2016 11:37 AM

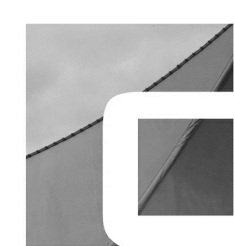
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Referenced Drawings: None
Drawing Name: J:\PROJECTS\GCCDC\STAMP Onsite Intra\Design\ACAD\Civil\Site\Turnlane.dwg



REVISIONS

NO.	DATE	BY	CHKD	DESCRIPTION



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**GENESSEE COUNTY ECONOMIC
 DEVELOPMENT CENTER**

TOWN OF ALABAMA GENESSEE COUNTY NEW YORK STATE

DATE: 06/23/16
 DRAWN: ZLA
 DESIGNED: ARK
 CHECKED: TAC
 SCALE: 1"=10'

WNY SCIENCE ADVANCE MANUFACTURING
 AND TECHNOLOGY PARK

SECTION VIEWS

PROJECT NUMBER

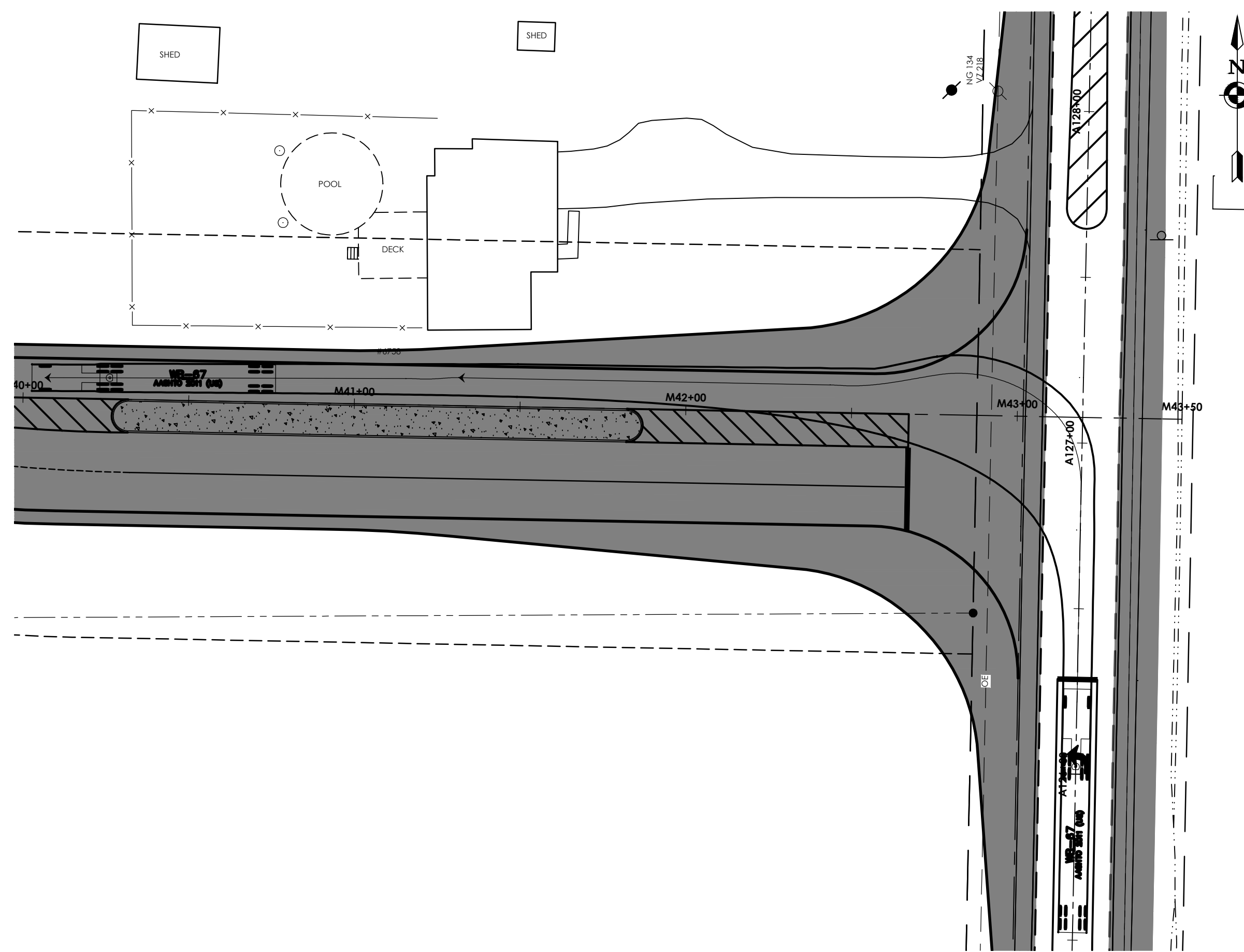
12498.40

DRAWING NUMBER

D-02

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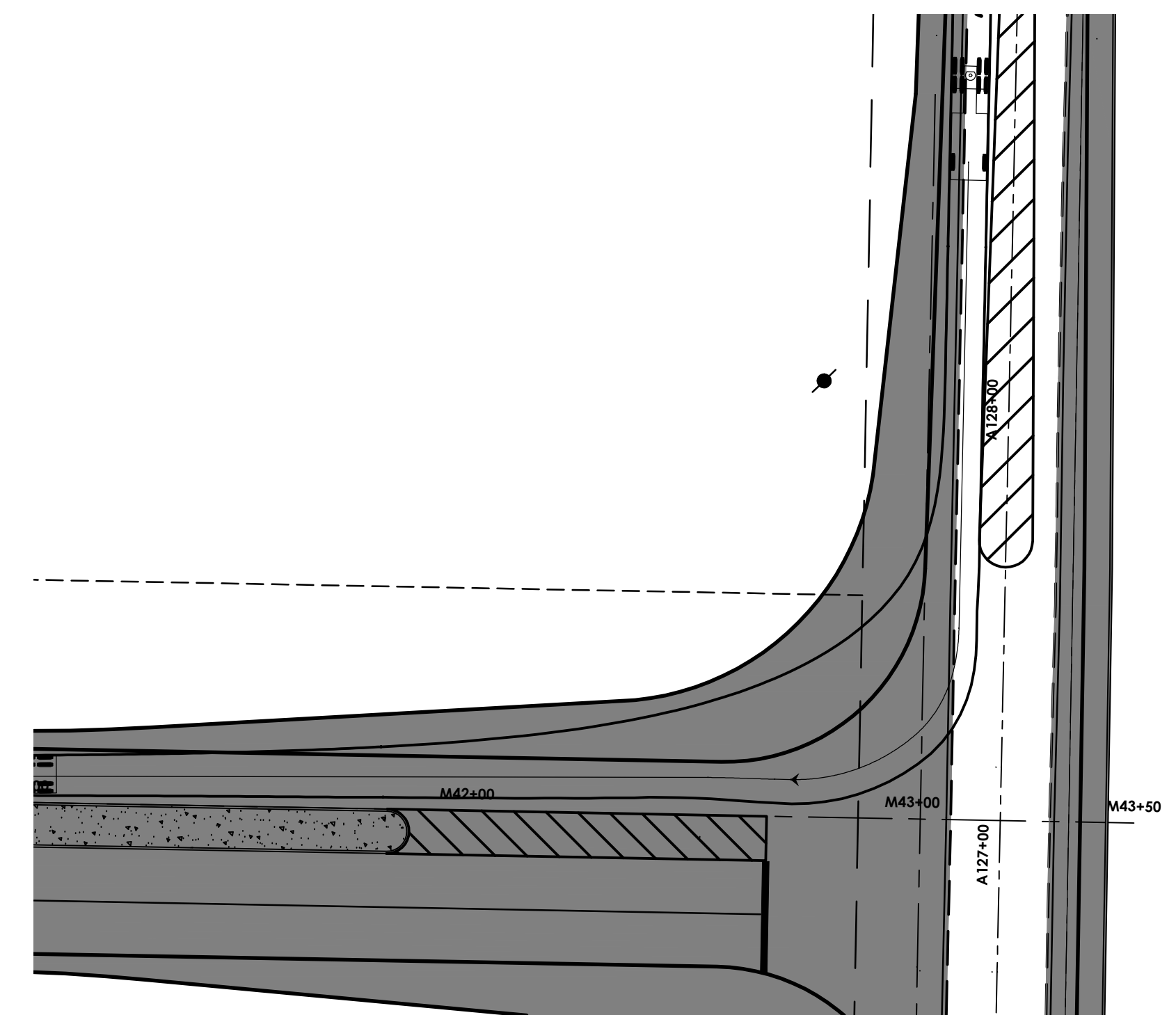
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 Date last plotted: 6/24/2016 11:39 AM
 Plotted By: Zach Anderson



**NORTH BOUND ALLEGHENY ROAD
(NYS ROUTE 77/63) LEFT TURN**

SCALE 1"=30'

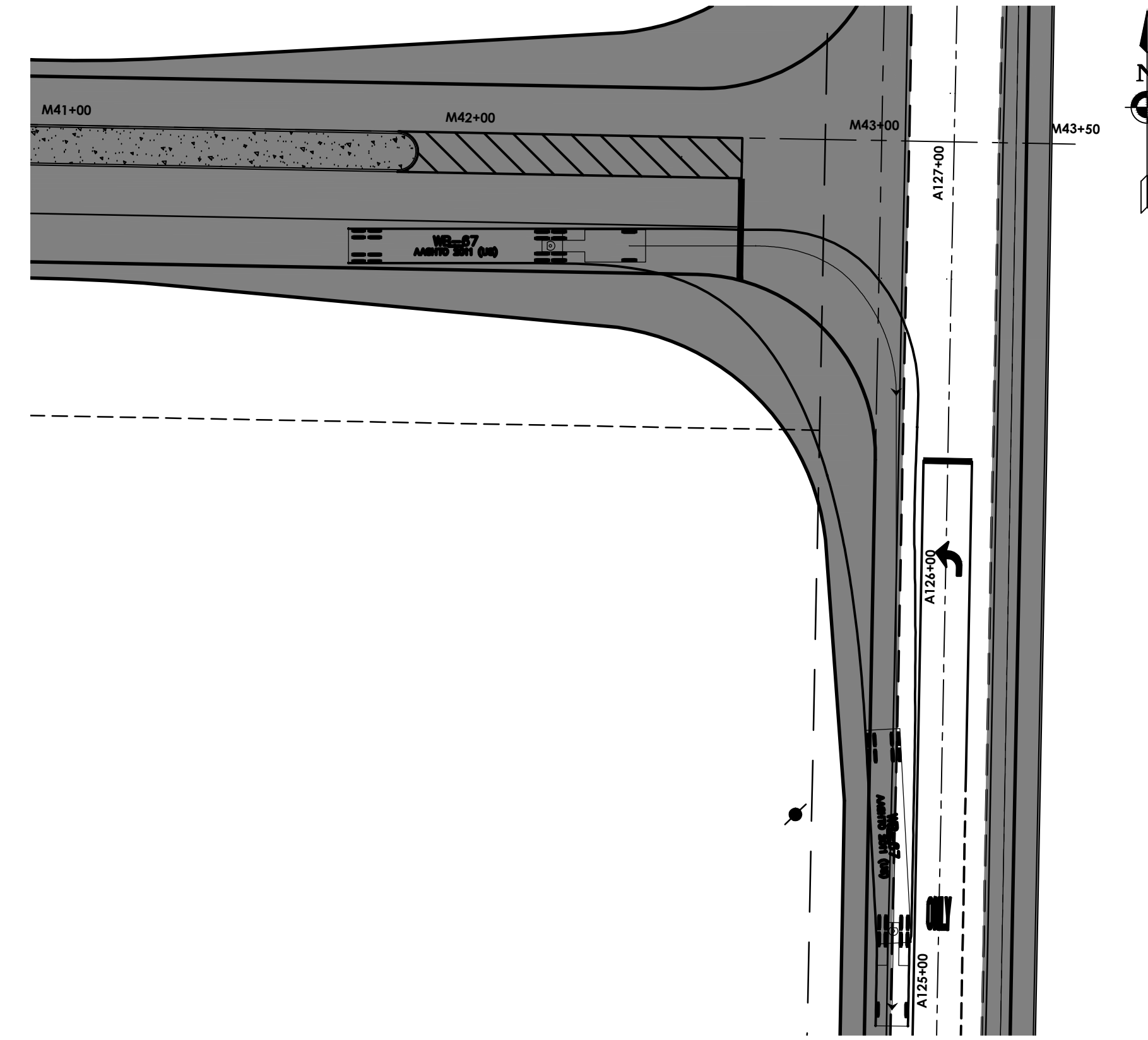
NOTE:
1. DESIGN VEHICLE = WB-77



**SOUTH BOUND ALLEGHENY ROAD
(NYS ROUTE 77/63) LEFT TURN**

SCALE 1"=30'

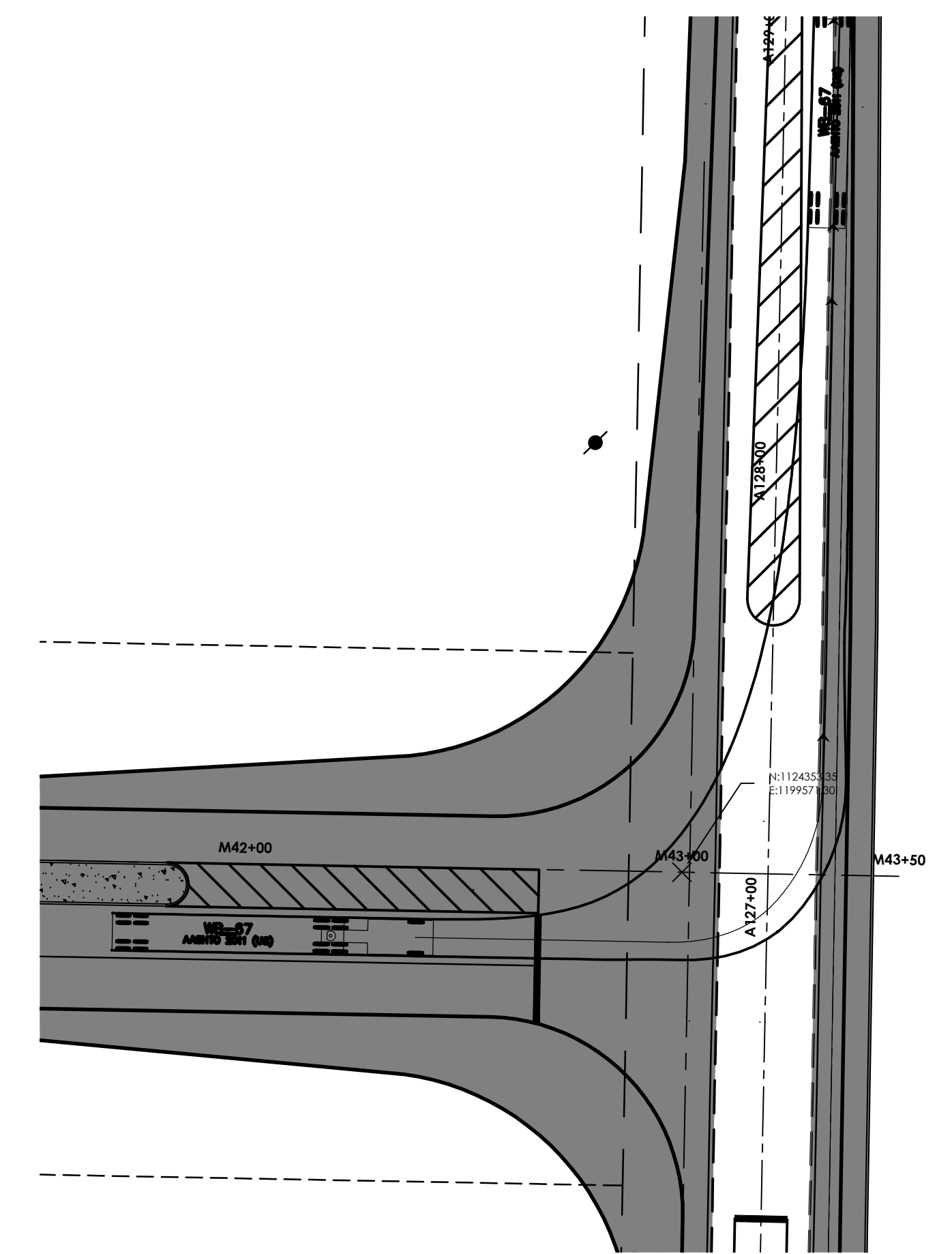
NOTE:
1. DESIGN VEHICLE = WB-77



**EAST BOUND MAIN ACCESS
ROAD RIGHT TURN**

SCALE 1"=30'

NOTE:
1. DESIGN VEHICLE = WB-77



**EAST BOUND MAIN ACCESS
ROAD LEFT TURN**

SCALE 1"=30'

NOTE:
1. DESIGN VEHICLE = WB-77

REVISIONS				
NO.	DATE	BY	CHKD	DESCRIPTION


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**GENESSEE COUNTY ECONOMIC
DEVELOPMENT CENTER**

TOWN OF ALABAMA GENESEE COUNTY NEW YORK STATE

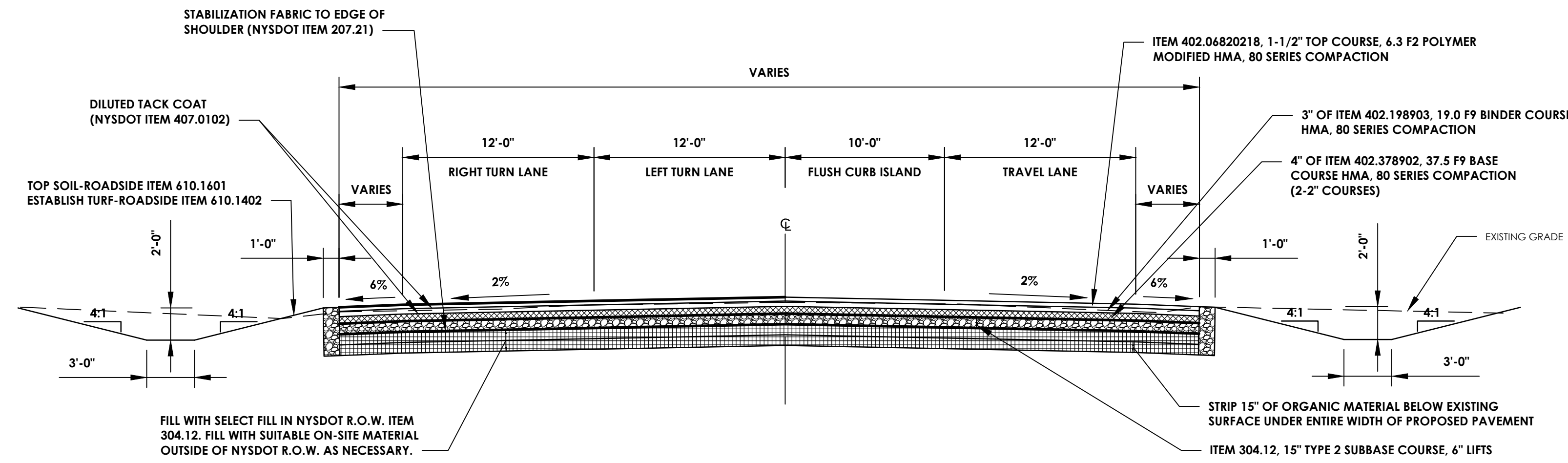
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DRAWN:	ZLA
DESIGNED:	ARK
CHECKED:	TAC
SCALE:	AS NOTED

STAMP MAIN ACCESS ROAD
TURNING MOVEMENTS

PROJECT NUMBER	12498.40
DRAWING NUMBER	D-04

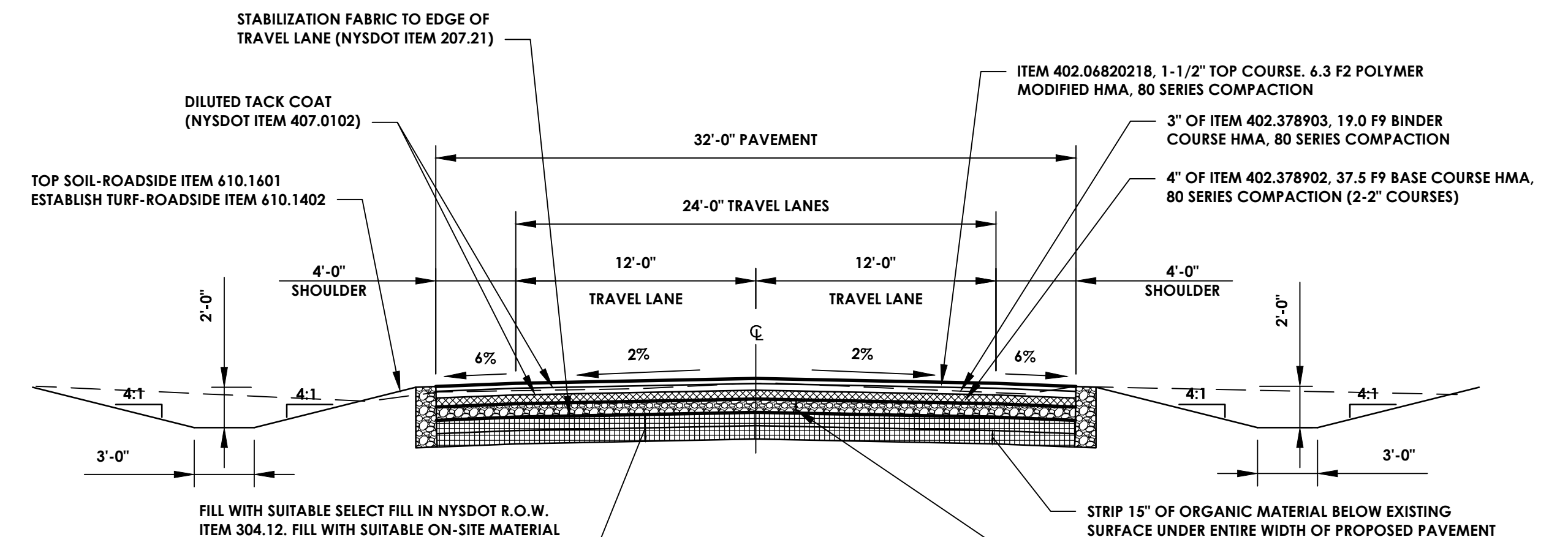
THIS IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR. TO AVOID AN INFRACTION, ANY PARTY FOLLOWING BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Referenced Drawings: None
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 Plotted By: Zach Anderson



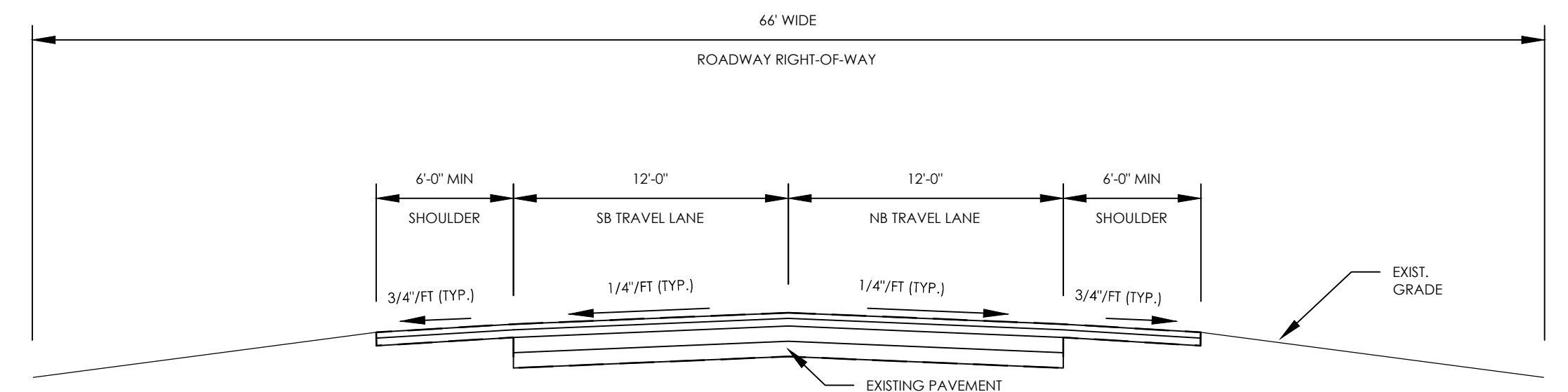
PROPOSED MAIN ACCESS ROAD WITH LEFT TURN LANE AND CURB ISLAND

HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'



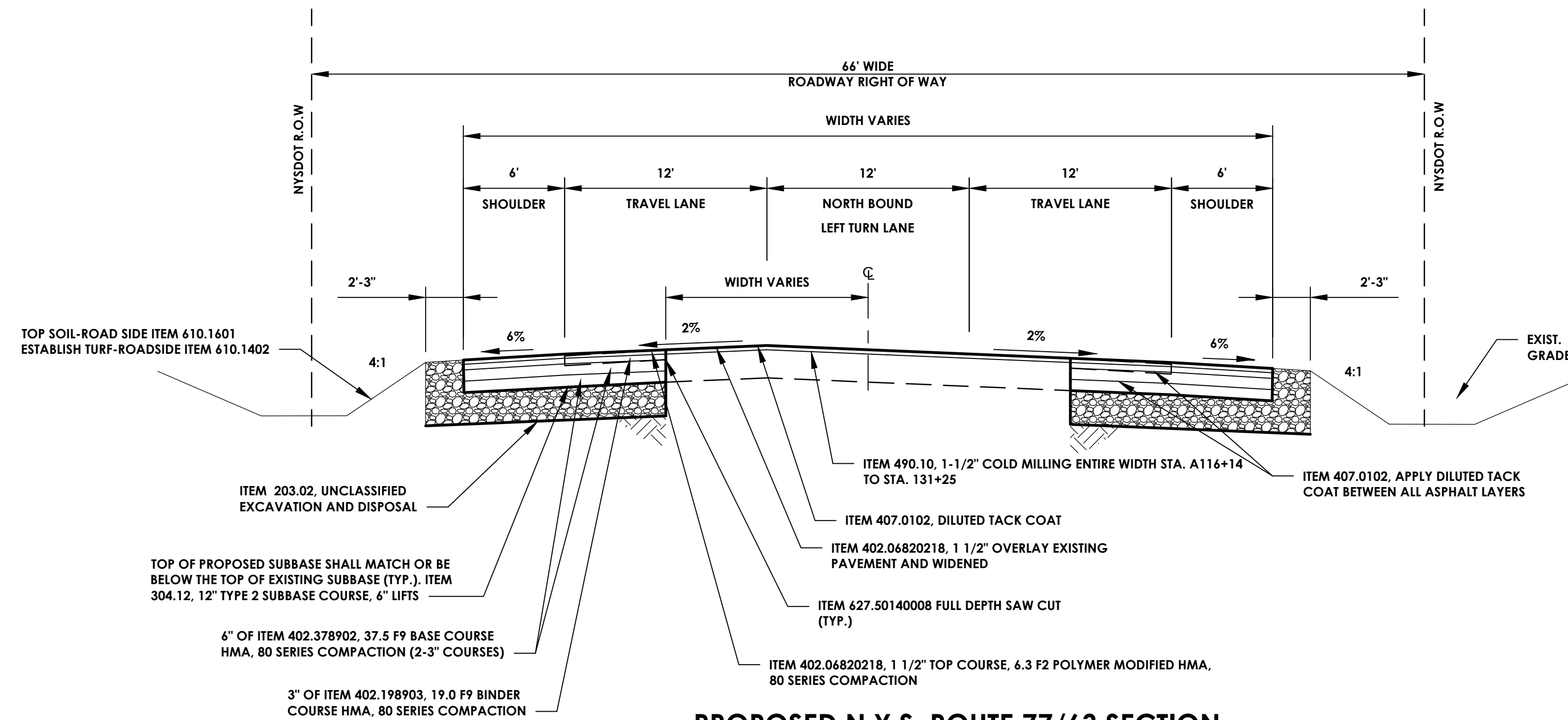
PROPOSED MAIN ACCESS ROAD

HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'



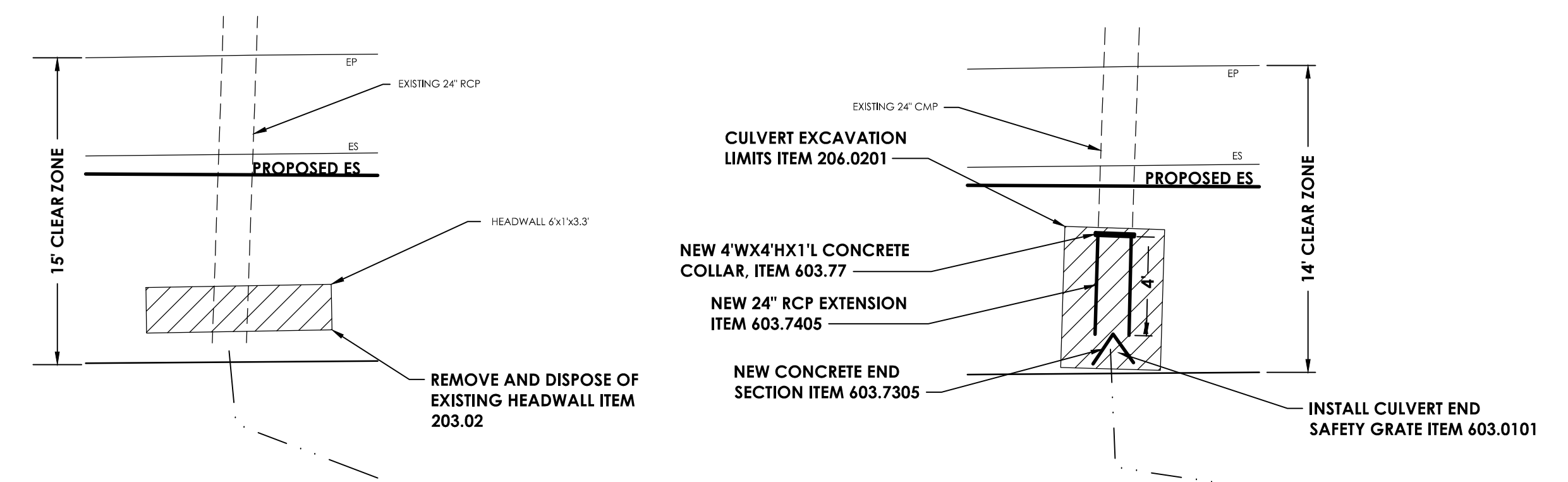
EXISTING N.Y.S. ROUTE 77/63 SECTION STATION A116+14 TO STATION A131+25

HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'



PROPOSED N.Y.S. ROUTE 77/63 SECTION STATION A116+14 TO STATION A131+25

HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=5'



HEADWALL DEMOLITION DETAIL

N.T.S.

CULVERT EXTENSION DETAIL

N.T.S.

NOTE: GRADE AS NECESSARY

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NO.	DATE	BY	CHKD	DESCRIPTION


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GENESSEE COUNTY ECONOMIC DEVELOPMENT CENTER

TOWN OF ALABAMA GENESEE COUNTY NEW YORK STATE

DATE: 06/23/16
 DRAWN: NCB
 DESIGNED: ZLA
 CHECKED: ARK
 SCALE: AS NOTED

STAMP MAIN ACCESS ROAD
 MISCELLANEOUS DETAILS

PROJECT NUMBER
 12498.40
 DRAWING NUMBER
 D-05

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MAINTENANCE AND PROTECTION OF TRAFFIC

GENERAL NOTES

- THE CONTRACTOR SHALL MAINTAIN AND PROTECT TRAFFIC ON ALL OF THE EXISTING ROADWAYS WHERE WORK IS BEING PERFORMED UNDER THIS CONTRACT. TRAFFIC SHALL BE MAINTAINED AND PROTECTED FOR THE DURATION OF THE CONTRACT, INCLUDING THE PERIODS WHEN CONSTRUCTION OPERATIONS ARE NOT IN PROGRESS. TRAFFIC ALONG ALL STATE, COUNTY, AND LOCAL ROADWAYS SHALL BE MAINTAINED IN ACCORDANCE WITH THE NEW YORK STATE M.U.T.C.D. AND THE NYSDOT SPECIFICATIONS FOR MAINTENANCE AND PROTECTION OF TRAFFIC.
- ALL SIGNS SHALL BE IN PLACE PRIOR TO COMMENCING WORK ON THE PROJECT. SIGNS SHALL BE COVERED AND UNCOVERED AS NECESSARY OR AS ORDERED BY THE ENGINEER TO PREVENT CONFLICTING WARNINGS. ALSO, ONLY THE SIGNS THAT RELATE TO THE WORK AREAS IN PROGRESS SHALL BE IN PLACE.
- COMPETENT FLAGGERS SHALL BE USED WHEN CONSTRUCTION OPERATIONS ARE IN POTENTIAL CONFLICT WITH PUBLIC TRAFFIC AND/OR AS DIRECTED BY THE ENGINEER.
- WHEN THE ROADWAY IS REDUCED TO ONE TRAVEL LANE, TWO-WAY TRAFFIC RIGHT-OF-WAY SHALL BE CONTROLLED BY FLAGGERS ON EACH END OF THE WORK AREA. HOWEVER, LANE CLOSURES WILL NOT BE PERMITTED ALONG NYS ROADWAYS.
- THE SHOULDER ON ALL STATE HIGHWAYS SHALL NOT BE USED TO ROUTE TRAFFIC.
- ALL OF THE COSTS ASSOCIATED WITH MAINTENANCE OF TRAFFIC ALONG WITH CONSTRUCTION SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR MAINTENANCE AND PROTECTION OF TRAFFIC. THE VARIOUS SIGNS APPURTENANCES SHOWN ON THESE DRAWINGS ARE CONSIDERED TO BE A MINIMUM REQUIREMENT. THE ACTUAL QUANTITY, TYPE, OR LOCATION SHALL BE AS DETERMINED DURING CONSTRUCTION AND APPROVED BY THE ENGINEER.
- IF AT ANY TIME THE ENGINEER DETERMINES THAT TRAFFIC NOT BEING PROPERLY MAINTAINED WITHIN A WORK ZONE, THE CONTRACTOR SHALL IMMEDIATELY CORRECT THE INDICATED DEFICIENCY AS DIRECTED, TO THE SATISFACTION OF THE ENGINEER.
- ALL TEMPORARY SIGNS, DELINEATIONS AND GUIDING DEVICES SHALL CONFORM TO THE NEW YORK STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR MUST MAINTAIN STORM WATER DRAINAGE THROUGHOUT ALL STAGES OF CONSTRUCTION. 10. ALL OFF-SITE DETOUR SIGNS WILL BE MOUNTED ON MOVABLE SUPPORTS. THE DETOUR SIGNS SHALL BE RELOCATED OR COVERED AS NECESSARY BY THE CONTRACTOR AND AS DIRECTED BY THE ENGINEER, BASED UPON THE LOCATION OF THE WORK AREA.

OTHER REQUIREMENTS TO BE OBSERVED

- VEHICLES BELONGING TO THE CONTRACTOR OR WORKERS SHALL NOT BE PARKED ON THE PAVEMENT OR SHOULDERS ALONG A ROADWAY EXCEPT WHERE PARKING IS NORMALLY PERMITTED.
- THE CONTRACTOR SHALL NOT PARK HIS EQUIPMENT OVERNIGHT ON ANY ROADWAY AREAS.
- THE CONTRACTOR MAY SUBMIT REVISIONS TO THIS PLAN FOR APPROVAL BUT ANY CHANGE THAT ALTERS THE BASIC CONCEPTS OF THE PLAN MUST BE APPROVED BY THE ENGINEER.
- IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PLAN A DETAILED SCHEDULE OF ALL OF THE VARIOUS CATEGORIES AND AREAS OF WORK TO ASSURE COMPLIANCE WITH ALL OF THE MAINTENANCE OF TRAFFIC PROCEDURES. ALL WORK SCHEDULES MUST BE APPROVED BY THE ENGINEER PRIOR TO COMMENCING.
- THERE SHALL BE NO LANE CLOSURES FROM 6:00 AM TO 8:30 AM AND FROM 4:00 PM TO 6:30 PM.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD GENERAL PLAN NOTES

- ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
- ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
- MATERIALS, EQUIPMENT, AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NEW YORK STATE RIGHT-OF-WAY.
- MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE CURRENT NATIONAL MUTCD WITH NYS SUPPLEMENT, SECTION 619 OF THE CURRENT NYSDOT STANDARD SPECIFICATIONS, THESE PLANS AND AS ORDERED BY THE ASSISTANT RESIDENT ENGINEER. ON A NYSDOT CONSTRUCTION PROJECT, MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THESE PLANS AND BE IN ACCORDANCE WITH THE NYSDOT CONTRACT DOCUMENTS AS DEEMED NECESSARY BY THE NYSDOT ENGINEER-IN-CHARGE.
- NOTIFY NEW YORK STATE DEPARTMENT OF TRANSPORTATION ASSISTANT RESIDENT ENGINEER AT THE APPROPRIATE NUMBER, AS NOTED BELOW, THREE (3) WORK DAYS PRIOR TO WORKING WITHIN THE STATE RIGHT-OF-WAY.

MONROE CO. - REGIONAL TRAFFIC OPERATIONS CENTER DISPATCH - (585)753-7780			
GENESEE CO. - DAN STAHLER (585)343-0502	LIVINGSTON CO. - LARRY AMIDON (585)346-3036		
ONTARIO CO. - GREG TROST (585)376-4955	ORLEANS CO. - DAN STAHLER (585)343-0502		
WAYNE CO. - JEFF JONES (315)332-4000	WYOMING CO. - KEN BITTNER (585)786-3310		

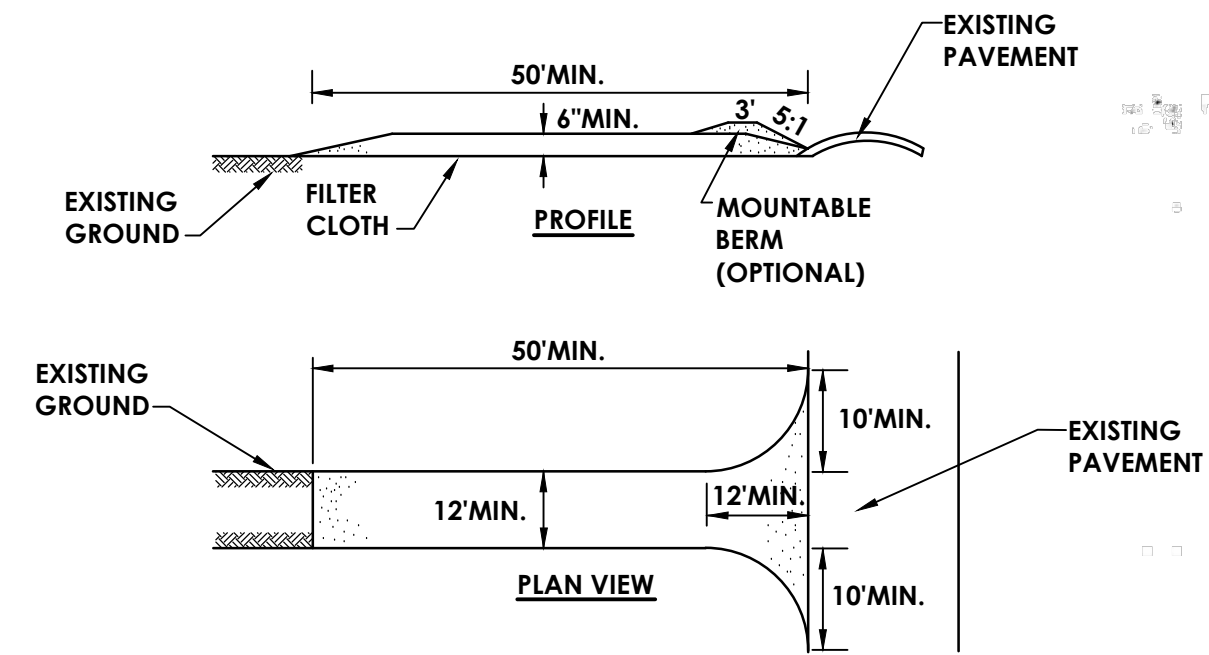
THE PERMITEE IS ADVISED THAT THE NYSDOT IS NOW REVIEWING ALL LANE CLOSURES ON THE PRIORITY NETWORK FOR IMPACT ON TRAFFIC OPERATIONS IN REAL-TIME. THE PRIORITY NETWORK CONSISTS OF INTERSTATES 390, 490, AND 590 AND STATE ROUTES 390, 590, 104 (FROM NY 390 TO WAYNE COUNTY), US 20, NY 43 (FROM STEUBEN COUNTY TO I 190) AND NY 77 IN GENESEE COUNTY. WHEN ANY PARTY INTENDS TO CLOSE A LANE OR SHOULDER ON ANY OF THESE HIGHWAYS, THE SURFACE TRANSPORTATION CONTROLLER (STC) SHALL BE NOTIFIED AT (585) 753-7780. THE CLOSURE WILL BE EVALUATED IN THE LIGHT OF WHAT IS HAPPENING AT THAT TIME ON THE HIGHWAY. INCIDENTS, CONFLICTING WORK ZONES OR OTHER UNPLANNED EVENTS THAT RENDER THE HIGHWAY UNAVAILABLE FOR THE CLOSURE MAY RESULT IN A SHORT-TERM DISAPPROVAL OF THE CLOSURE UNTIL THE SITUATION HAS BEEN RESOLVED. EVALUATION PROCEDURES ARE AVAILABLE FOR REVIEW AT THE REGIONAL TRAFFIC OPERATIONS CENTER, 1155 SCOTTSVILLE ROAD, ROCHESTER, NY.

- NOTIFY THE NYSDOT SIGNAL MAINTENANCE FACILITY AT (585) 753-7790 FIVE (5) DAYS PRIOR TO WORKING WITHIN 350' OF A SIGNALIZED INTERSECTION. NOTIFY DIG SAFELY NEW YORK (U.F.F.O.) TWO (2) WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 1-800-962-7962 FOR A UTILITY STAKE-OUT.
- ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS ALONG WITH ANY APPROPRIATE CURRENT NYS DEPARTMENT OF TRANSPORTATION STANDARD SHEETS.
- QUALITY CONTROL OF ASPHALT SHALL MEET THE REQUIREMENTS OF SECTION 401 OF THE STANDARD SPECIFICATIONS. ALL ASPHALT PRODUCED AS PART OF SECTION 401 WILL BE PAID AT A FINAL QUANTITY ADJUSTMENT FACTOR OF 1.0. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.

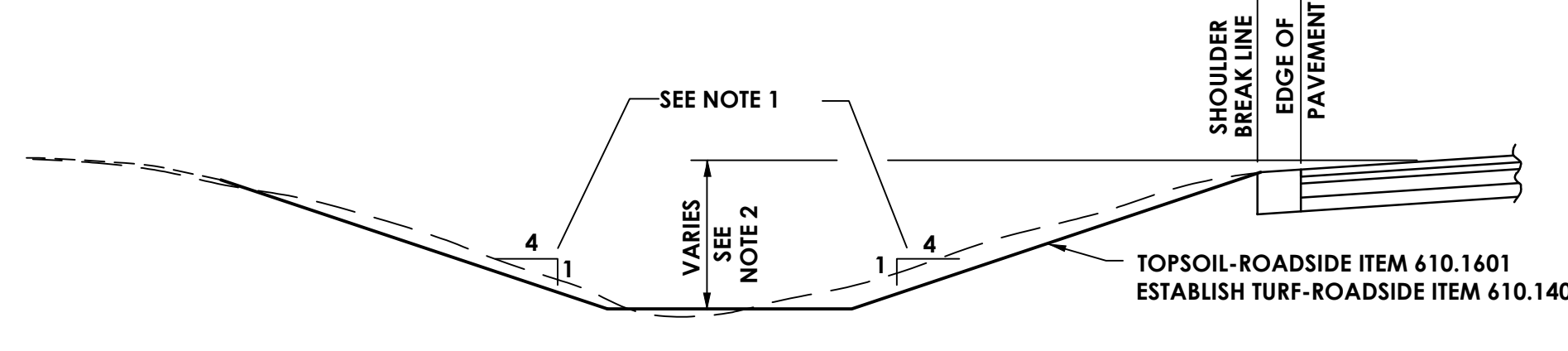
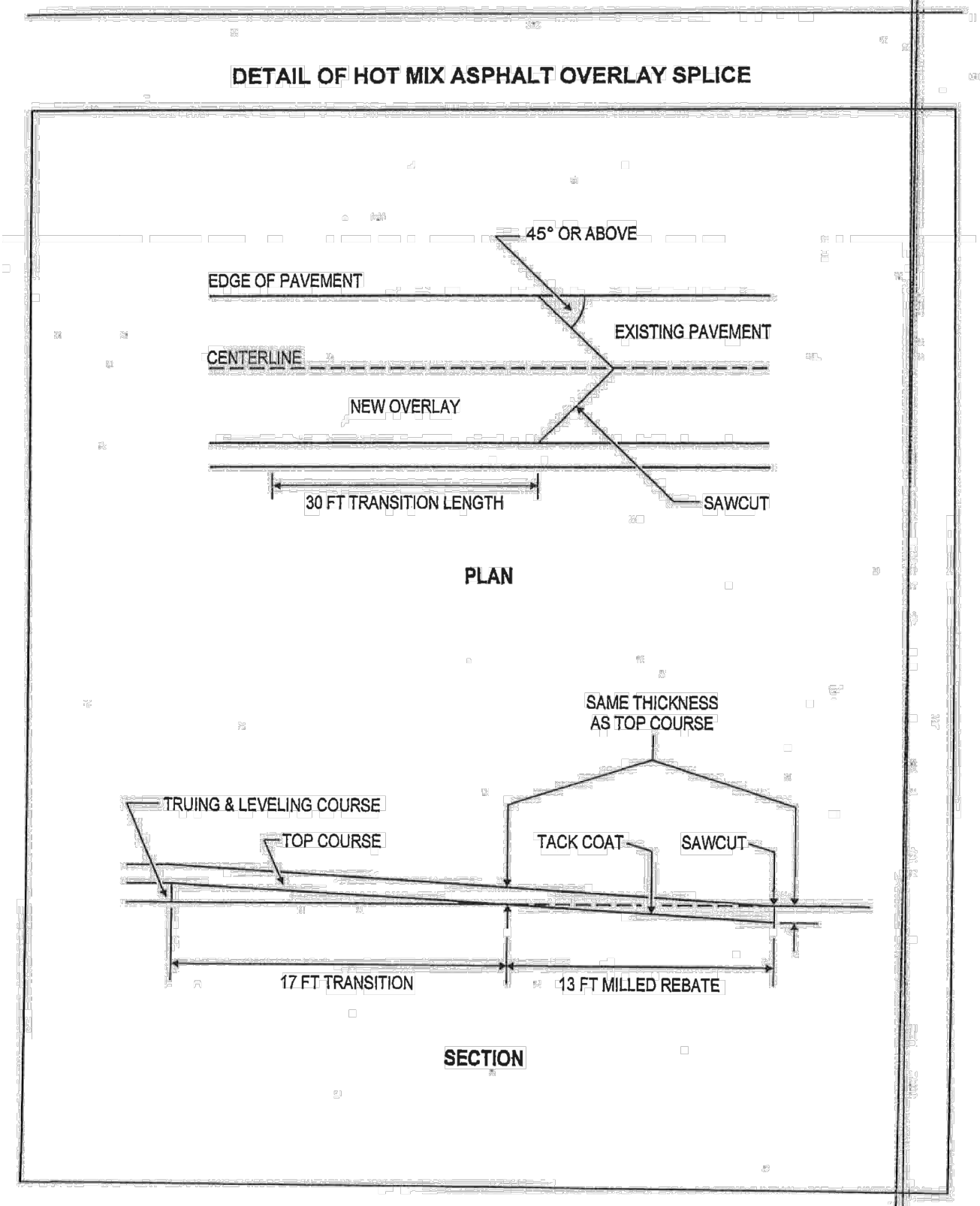
- NO NIGHT WORK SHALL BE ALLOWED UNLESS APPROVED PRIOR TO START OF PROJECT. ADDITIONAL MAINTENANCE AND PROTECTION OF TRAFFIC MAY BE REQUIRED INCLUDING THE ADDITION OF REFLECTIVE MATERIALS AND LIGHTING.
- HAZARDOUS WASTE NOTIFICATION - THE PERMITEE ACCEPTS THE RIGHT-OF-WAY OF THE STATE HIGHWAY IN ITS "AS IS" CONDITION. THE DEPARTMENT OF TRANSPORTATION MAKES NO REPRESENTATION AS TO THE ABSENCE OF UNDERGROUND TANKS, STRUCTURES, FEATURES OR SIMILAR IMPEDIMENTS TO THE COMPLETION OF THE WORK PERMITTED HEREUNDER. SHOULD PERMITEE FIND SOME PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS TO ITS WORK, THE DEPARTMENT OF TRANSPORTATION SHALL HAVE NO OBLIGATION TO CURE, REMOVE, REMEDY OR OTHERWISE DEAL WITH SUCH PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS. THE PERMITEE IS REQUIRED TO REMOVE, MODIFY, OR OTHERWISE DEAL WITH SUCH UNDERGROUND TANKS, STRUCTURES, FEATURES OR IMPEDIMENTS IN A MANNER WHICH MEETS ACCEPTABLE ENGINEERING PRACTICE AND IS APPROVED BY THE DEPARTMENT OF TRANSPORTATION.
- NYSDOT DOES NOT PARTICIPATE IN THE UPO PROGRAM. CONTACT THE NYSDOT SIGNAL MAINTENANCE FACILITY AT 585-753-7790 FIVE DAYS PRIOR TO WORKING WITHIN 350' OF SIGNALIZED INTERSECTION. ANY TRAFFIC SIGNAL OR SIGNAL INFRASTRUCTURE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT THEIR EXPENSE. ONCE THE TRAFFIC SIGNAL INFRASTRUCTURE IS DISRUPTED ON ROUTE 5, THE TRAFFIC SIGNAL MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE SIGNAL IS ACCEPTED BY THE NYSDOT SIGNAL MAINTENANCE DEPARTMENT. IT IS UP TO THE PERMIT HOLDER TO CONTACT THE NYSDOT SIGNAL MAINTENANCE FACILITY FOR A FINAL INSPECTION.
- PRIOR APPROVAL IS REQUIRED BY NYSDOT'S REGIONAL PERMIT DEPARTMENT BEFORE STEEL PLATES CAN BE USED IN THE PAVEMENT SECTION OF A NYSDOT ROAD. IF STEEL PLATES ARE APPROVED, THEY SHALL BE PINNED AND TAPERED WITH COLD PATCH IF OVER 3/4" THICK. BARRELS AND FLASHERS AND BUMP SIGNS (WB-1) SHALL BE NOTED ON THE PLANS IF STEEL PLATES ARE APPROVED. STEEL PLATES SHALL NOT BE USED DURING SNOW AND ICE SEASON (NOV. 1ST TO APRIL 1ST).
- THE CONTRACTOR SHALL REPAIR AT THE CONTRACTOR'S EXPENSE ANY DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY THEIR OPERATIONS WITHIN NYSDOT'S ROW.
- CONTRACTOR SHALL INVENTORY THE STRIPING LAYOUT AND PLACE TEMPORARY STRIPING ON ANY MILLED SURFACE. PAINT WILL BE REQUIRED UNDER ITEM 619.0901.

NYSDOT EROSION AND SEDIMENT CONTROL NOTES

- IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYSDOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL REVIEW THE EROSION AND SEDIMENT CONTROL PLAN INCLUDED IN THE CONTRACT DOCUMENTS, AND IF NECESSARY, MODIFY THE PLAN WITH THE CONTRACTOR'S INTENDED SEQUENCE AND TYPE OF OPERATIONS. THE CONTRACTOR'S MODIFIED EROSION AND SEDIMENT CONTROL PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, ALONG WITH A PROGRESS SCHEDULE THAT ADDRESSES THIS WORK.
- IN ACCORDANCE WITH SECTIONS 107-12 AND 209-3.01 OF THE NYSDOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL DESIGNATE AN "EROSION AND SEDIMENT CONTROL SUPERVISOR" FOR THE PROJECT. THE SUPERVISOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THE EROSION AND SEDIMENT CONTROL PLAN AND FOR INSPECTING AND MAINTAINING THE CONTROL MEASURES. THE NAME AND QUALIFICATIONS (TRAINING AND EXPERIENCE) OF THIS INDIVIDUAL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING EARTHWORK.
- THE DESIGNATED "EROSION AND SEDIMENT CONTROL SUPERVISOR" SHALL NOTIFY THE ENGINEER IN ADVANCE OF ANY FIELD CHANGES TO THE EROSION AND SEDIMENT CONTROL PLAN FOR APPROVAL PRIOR TO IMPLEMENTING ANY FIELD CHANGES.
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF FROM DISTURBED AREAS IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL DEVICES BEFORE ENTERING A WATER BODY OR WETLAND.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE FOR WHICH THEY ARE INTENDED AND SHALL REMAIN IN PLACE UNTIL SOILS ARE PERMANENTLY STABILIZED.
- UNDER NO CONDITION SHALL DISCONTINUED CONSTRUCTION ACTIVITIES IN AREAS WITH SOIL DISTURBANCES BE LEFT FOR A PERIOD OF GREATER THAN 7 DAYS WITHOUT TEMPORARILY STABILIZING THOSE AREAS WITH TEMPORARY SEED AND MULCH. MAINTENANCE OF THOSE AREAS SHALL INCLUDE RESEEDING AND REMULCHING AS NEEDED TO ESTABLISH A SATISFACTORY STAND OF GRASS. THERE SHALL BE NO ADDITIONAL PAYMENT FOR RESEEDING AND REMULCHING.
- NO WET OR FRESH CONCRETE, LEACHATE, MATERIAL, OR DEBRIS SHALL BE ALLOWED TO ESCAPE INTO A WATER BODY OR WETLAND, NOR SHALL WASHINGS FROM CONCRETE TRUCKS, MIXERS, OR OTHER DEVICES BE ALLOWED TO ENTER A WATER BODY OR WETLAND. ANY MATERIAL OR DEBRIS ACCIDENTALLY DROPPED INTO THE CHANNEL SHALL BE IMMEDIATELY AND COMPLETELY REMOVED FROM AND DEPOSITED IN AN UPLAND AREA.
- THE CONTRACTOR SHALL COVER TEMPORARY STOCKPILES OF ERODIBLE MATERIAL (SUCH AS TOPSOIL OR EARTH FILL) WITH POLY SHEETING, OR RING THE STOCKPILES WITH SILT FENCE TO CONTROL EROSION. POLY SHEETING SHALL COMPLETELY COVER THE STOCKPILE AND BE SECURELY ANCHORED AT ALL TIMES. ANY POLY SHEETING OR SILT FENCE THAT IS DAMAGED SHALL BE PROMPTLY REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER. RINGED STOCKPILES EXPOSED OR EXPECTED TO BE EXPOSED FOR LONGER THAN 7 CALENDAR DAYS SHALL IMMEDIATELY BE STABILIZED WITH APPROPRIATE MEASURES. THE COST OF COVERING AND RINGING/STABILIZING STOCKPILES SHALL BE INCLUDED IN THE PRICE BID FOR THE CORRESPONDING STOCKPILE MATERIAL.

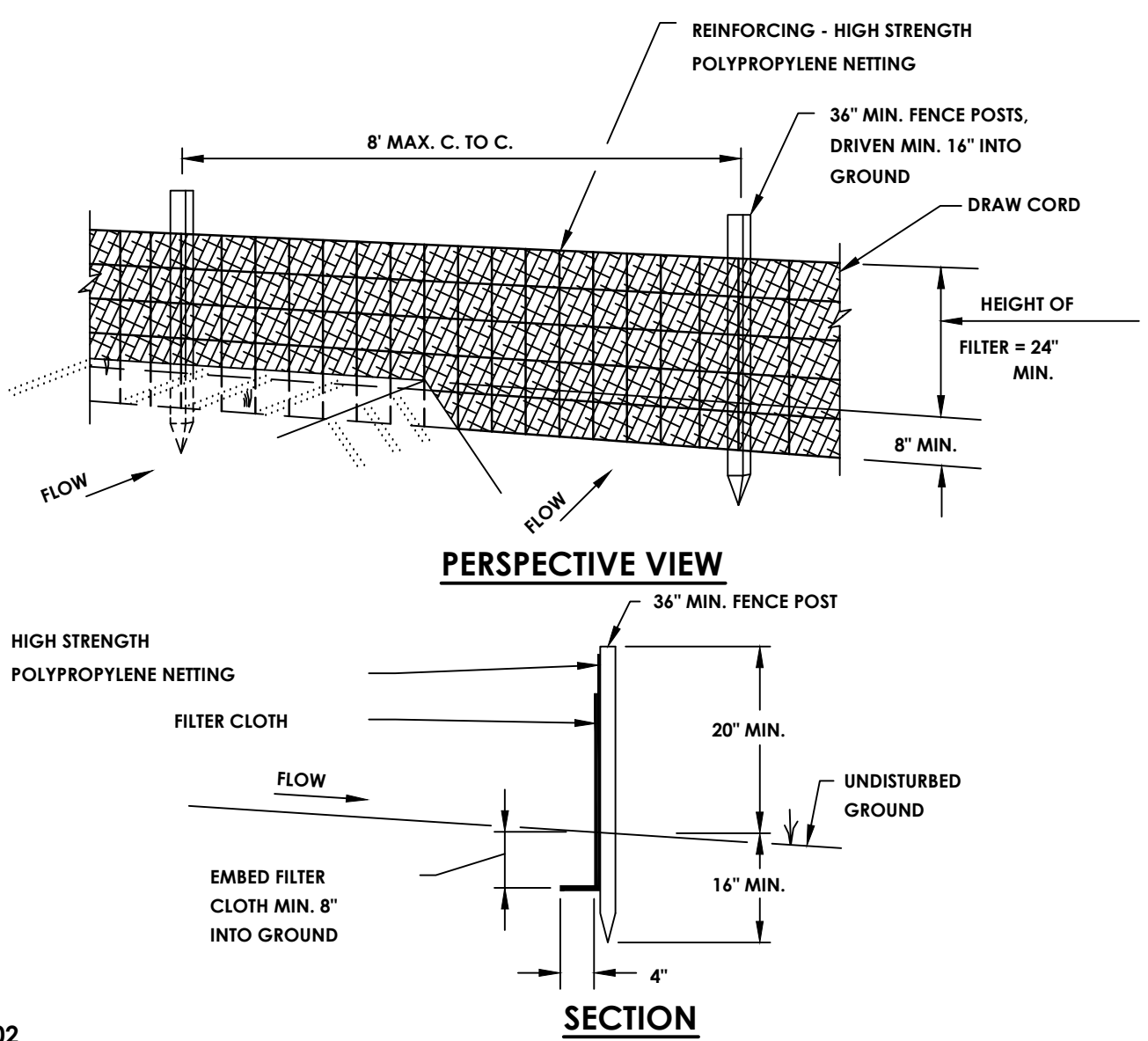


- ### CONSTRUCTION SPECIFICATIONS
- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 - LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
 - THICKNESS - NOT LESS THAN SIX (6) INCHES.
 - WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
 - FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
 - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



TYPICAL DITCH RESTORATION DETAIL

- NOTES:
N.T.S.
- SIDE SLOPES MAY VARY IN AREAS OF LIMITED R.O.W.
 - MAXIMUM DITCH DEPTH SHALL BE APPROXIMATELY 3'



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- SILT FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES.
 - FILTER CLOTH TO BE FASTENED SECURELY TO POLYPROPYLENE NETTING WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. NETTING MAY BE INCORPORATED INTO FILTER CLOTH.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- POSTS:
STEEL EITHER T OR U TYPE OR 2" HARDWOOD.
- FENCE:
HIGH STRENGTH POLYPROPYLENE NETTING
- FILTER CLOTH:
MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
- PREFABRICATED UNIT:
GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

SILT FENCE DETAIL

N.T.S.

STABILIZED CONSTRUCTION ENTRANCE

N.T.S.

REVISIONS				
NO.	DATE	BY	CHKD	DESCRIPTION

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GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER

TOWN OF ALABAMA GENESEE COUNTY NEW YORK STATE

DATE: 06/23/16
DRAWN: NCB
DESIGNED: ZLA
CHECKED: ARK
SCALE: AS NOTED

STAMP MAIN ACCESS ROAD
MISCELLANEOUS DETAILS

PROJECT NUMBER 12498.40
DRAWING NUMBER D-06

Referenced Drawings: None
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PLAN

SECTION STRAMBALE DIKE - TEMPORARY

SECTION SILT FENCE - TEMPORARY

LINE MEASURES

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
L.I.N.E.A.R M.E.A.S.U.R.E.S.
APPROVED FEBRUARY 09, 2010 ISSUED UNDER EB 09-036
P./J. ROBERT L. SACK, P.E. DEPUTY CHIEF ENGINEER
EFFECTIVE DATE: 09/02/2010 209-01

PLAN

SECTION METAL END SECTION SAFETY GRATE

SECTION REINFORCED CONCRETE END SECTION SAFETY GRATE

TYPICAL J-BAR HOOK

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
CULVERT-END SAFETY GRATE
APPROVED OCTOBER 01, 2008 ISSUED UNDER EB 08-036
P./J. ROBERT L. SACK, P.E. DEPUTY CHIEF ENGINEER
EFFECTIVE DATE: 01/08/09 603-05

CORRUGATED METAL PIPE

CORRUGATED METAL PIPE ARCH

PLAN WITH CONNECTOR SECTION SHOWN FOR ALL SIZES THIS SHEET

ELEVATION

LONGITUDINAL SECTION WITH CONNECTOR SECTION SHOWN FOR ALL SIZES THIS SHEET

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
ALUMINUM AND STEEL END SECTIONS FOR CORRUGATED PIPE AND PIPE ARCH
APPROVED OCTOBER 01, 2008 ISSUED UNDER EB 08-036
P./J. ROBERT L. SACK, P.E. DEPUTY CHIEF ENGINEER
EFFECTIVE DATE: 01/08/09 603-02

TABLE 1 RECOMMENDED DRIVEWAY WIDTH "W"

DRIVEWAY CLASSIFICATION	PERMISSIBLE RANGE OF WIDTHS F72 WITHIN 30 FT. OF TRAVEL LANE FOR ROAD POSTED 40 MPH OR LESS	PERMISSIBLE RANGE OF WIDTHS F72 WITHIN 30 FT. OF TRAVEL LANE FOR ROAD POSTED 45 MPH OR MORE
RESIDENTIAL LESS THAN 50 FT. IN LENGTH MEASURED ALONG THE CENTERLINE	9 TO 12	10 TO 24
RESIDENTIAL GREATER THAN 50 FT. IN LENGTH MEASURED ALONG THE CENTERLINE	9 TO 12	10 TO 14
MINOR COMMERCIAL SHARED-TWO-WAY DRIVEWAY	22 TO 30	28 TO 35
MINOR COMMERCIAL DIVIDED OR ONE-WAY DRIVEWAY	12 TO 24	12 TO 24
MINOR COMMERCIAL MULTILANE DRIVEWAY	12 TO 15 EACH LANE	14 TO 16 EACH LANE

TABLE 2 MAXIMUM DRIVEWAY SLOPE

ROADWAY CLASSIFICATION	MINOR COMMERCIAL DRIVEWAY	RESIDENTIAL DRIVEWAY
URBAN	10%	12%
RURAL	8%	10%

TABLE 3 DRIVEWAY MATERIALS AND THICKNESS

PROPOSED OR EXISTING DRIVEWAY	WITHIN DRIVEWAY PAVEMENT LENGTH (F72)		WITHIN TRANSITION LENGTH (F72)	
	MATERIAL	THICKNESS FOR RESIDENTIAL (IN.)	MATERIAL	THICKNESS FOR MINOR COMMERCIAL (IN.)
DIRTY GRAVEL OR GRAVEL	HMA	3	SUBBASE COURSE, EXCAVATE AS NECESSARY	6
	SUBBASE COURSE	6		9
STONE	HMA	3	STONE, EXCAVATE AS NECESSARY	8
	SUBBASE COURSE	6		11
HMA RESURFACING	TRUE AND LEVELING COURSE	AS NECESSARY	NOT APPLICABLE - ALL WORK ON AN EXISTING PAVED DRIVEWAY IS WITHIN THE DRIVEWAY PAVEMENT LENGTH	
	HMA	3	4 (SEE NOTE B)	
HMA RECONSTRUCTION	SUBBASE COURSE	6	8 (SEE NOTE B)	NOT APPLICABLE - ALL WORK ON AN EXISTING PAVED DRIVEWAY IS WITHIN THE DRIVEWAY PAVEMENT LENGTH
	POC	6	6 (SEE NOTE B)	
POC	SUBBASE COURSE	6	8 (SEE NOTE B)	NOT APPLICABLE - ALL WORK ON AN EXISTING PAVED DRIVEWAY IS WITHIN THE DRIVEWAY PAVEMENT LENGTH
		6	8 (SEE NOTE B)	

TABLE 4 DRIVEWAY ENTRANCE TYPE SELECTION

DRIVEWAY ENTRANCE TYPE	ENTRANCE WIDENING METHOD	CONDITIONS FOR USE				RECOMMENDED USE
		DRIVEWAY CLASSIFICATION (NOTE 1)	CORNER ANGLE	TRAVEL LANE AND SHOULDER WIDTH	CURB	
TYPE 1	RADIUS	RESIDENTIAL OR MINOR COMMERCIAL	60°	ANY	USE WITH OR WITHOUT CURB	RECOMMENDED FOR ALL LOCATIONS EXCEPT FOR MINOR COMMERCIAL WITH CURB
		MINOR COMMERCIAL ONLY	60°	ANY	USE WITH OR WITHOUT CURB	RECOMMENDED ONLY FOR MINOR COMMERCIAL WITH CURB
TYPE 2	RADIUS	RESIDENTIAL OR MINOR COMMERCIAL	60°	10° OR GREATER (SEE NOTE 1)	USE ONLY WITH SIDEWALK OFFSET A MIN. OF 5' FROM THE EDGE OF PAVEMENT OR WITHOUT SIDEWALK	ALTERNATIVE ENTRANCE TYPE (TYPICALLY FOR URBAN AREA USE)
		MINOR COMMERCIAL ONLY	60°	10° OR GREATER (SEE NOTE 1)	USE ONLY WITH SIDEWALK LESS THAN 5' FROM THE EDGE OF PAVEMENT	ALTERNATIVE ENTRANCE TYPE (TYPICALLY FOR URBAN AREA USE)
TYPE 3	TAPER	RESIDENTIAL OR MINOR COMMERCIAL	60°	10° OR GREATER (SEE NOTE 1)	USE ONLY WITH SIDEWALK ADJACENT TO THE EDGE OF PAVEMENT	ALTERNATIVE ENTRANCE TYPE (TYPICALLY FOR URBAN AREA USE)
		MINOR COMMERCIAL ONLY	60°	10° OR GREATER (SEE NOTE 1)	USE ONLY WITH SIDEWALK ADJACENT TO THE EDGE OF PAVEMENT	ALTERNATIVE ENTRANCE TYPE (TYPICALLY FOR URBAN AREA USE)

TABLE 5 MINIMUM LENGTH OF VERTICAL CURVE, L, FOR CHANGE IN GRADE IN DRIVEWAY PROFILE

CHANGES IN GRADE AT 100-FT	CREST, L _c (FT)	SAG, L _s (FT)
4:00	5	6
6:00	6	8
8:00	8	10
10:00	10	12
12:00	12	14
14:00	14	16
16:00	16	18
18:00	18	20

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
RESIDENTIAL AND MINOR COMMERCIAL DRIVEWAYS (SHEET 2 OF 9)
APPROVED MARCH 07, 2016 ISSUED UNDER EB 16-012
P./J. ROBERT L. SACK, P.E. DEPUTY CHIEF ENGINEER
EFFECTIVE DATE: 03/07/16 608-03

REVISIONS

NO.	DATE	BY	CHKD	DESCRIPTION

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GENESSEE COUNTY ECONOMIC DEVELOPMENT CENTER
TOWN OF ALABAMA GENESSEE COUNTY NEW YORK STATE

DATE: 06/23/16
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DESIGNED: ZLA
CHECKED: ARK
SCALE: AS NOTED

PROJECT NUMBER: 12498.40
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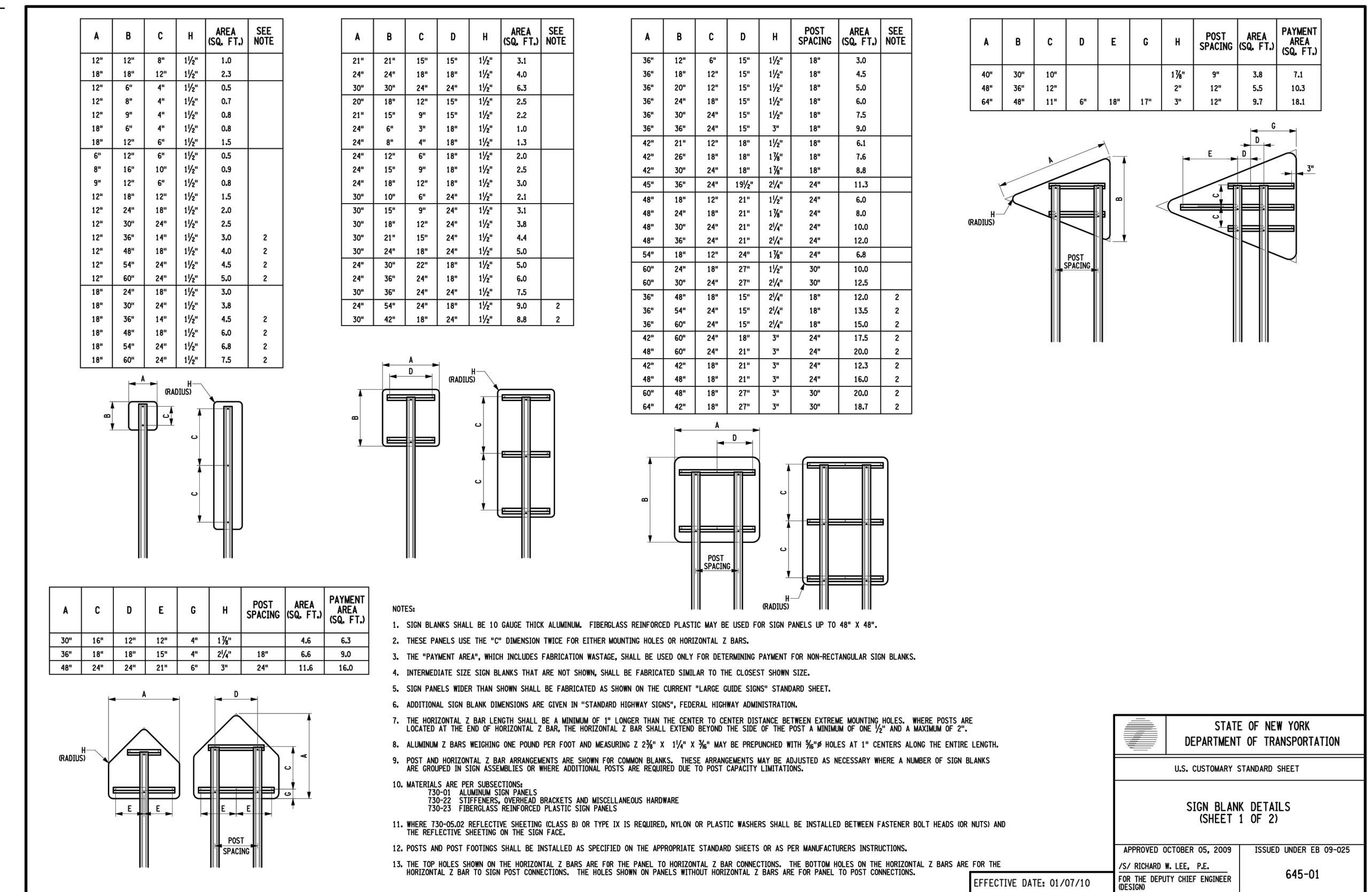
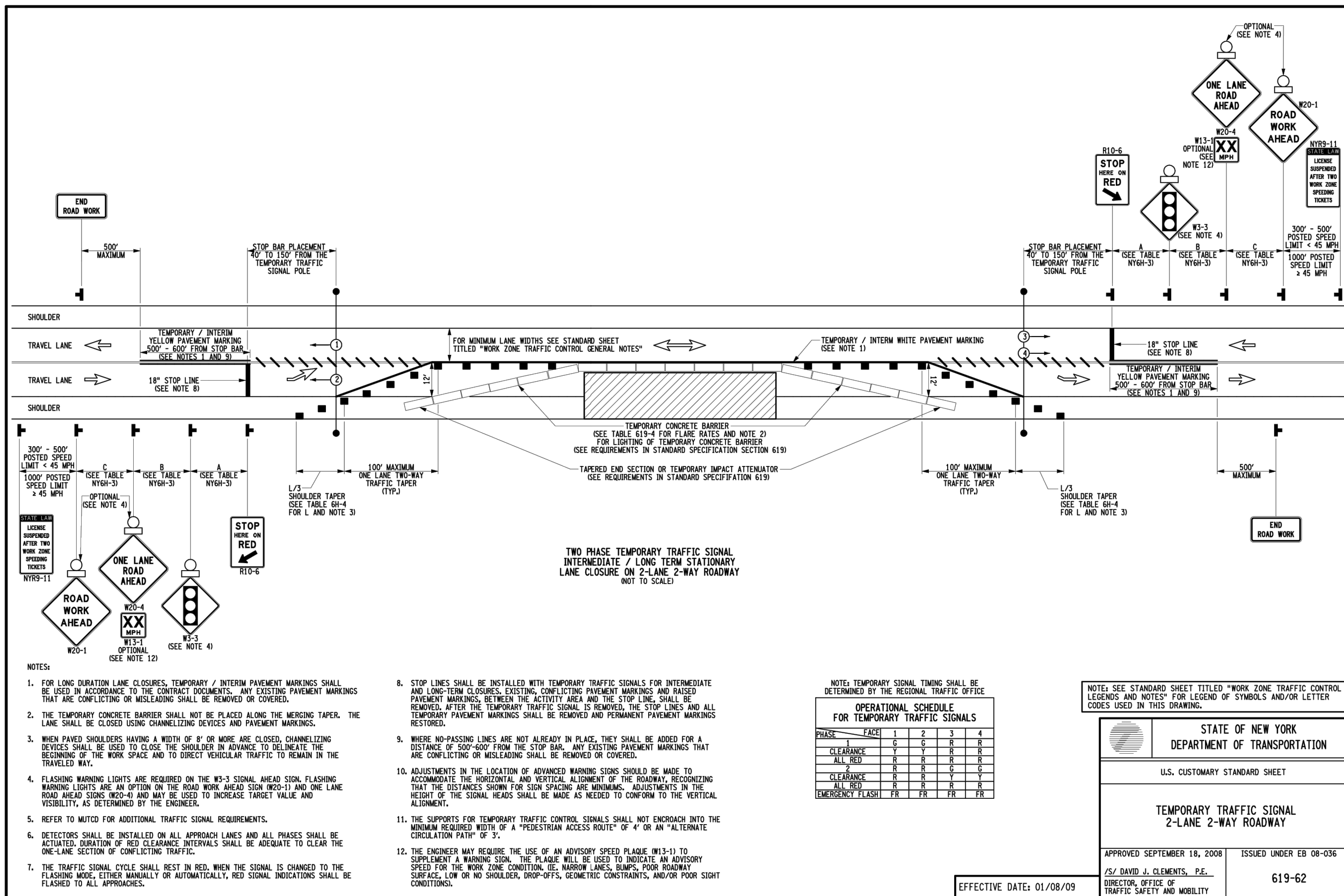
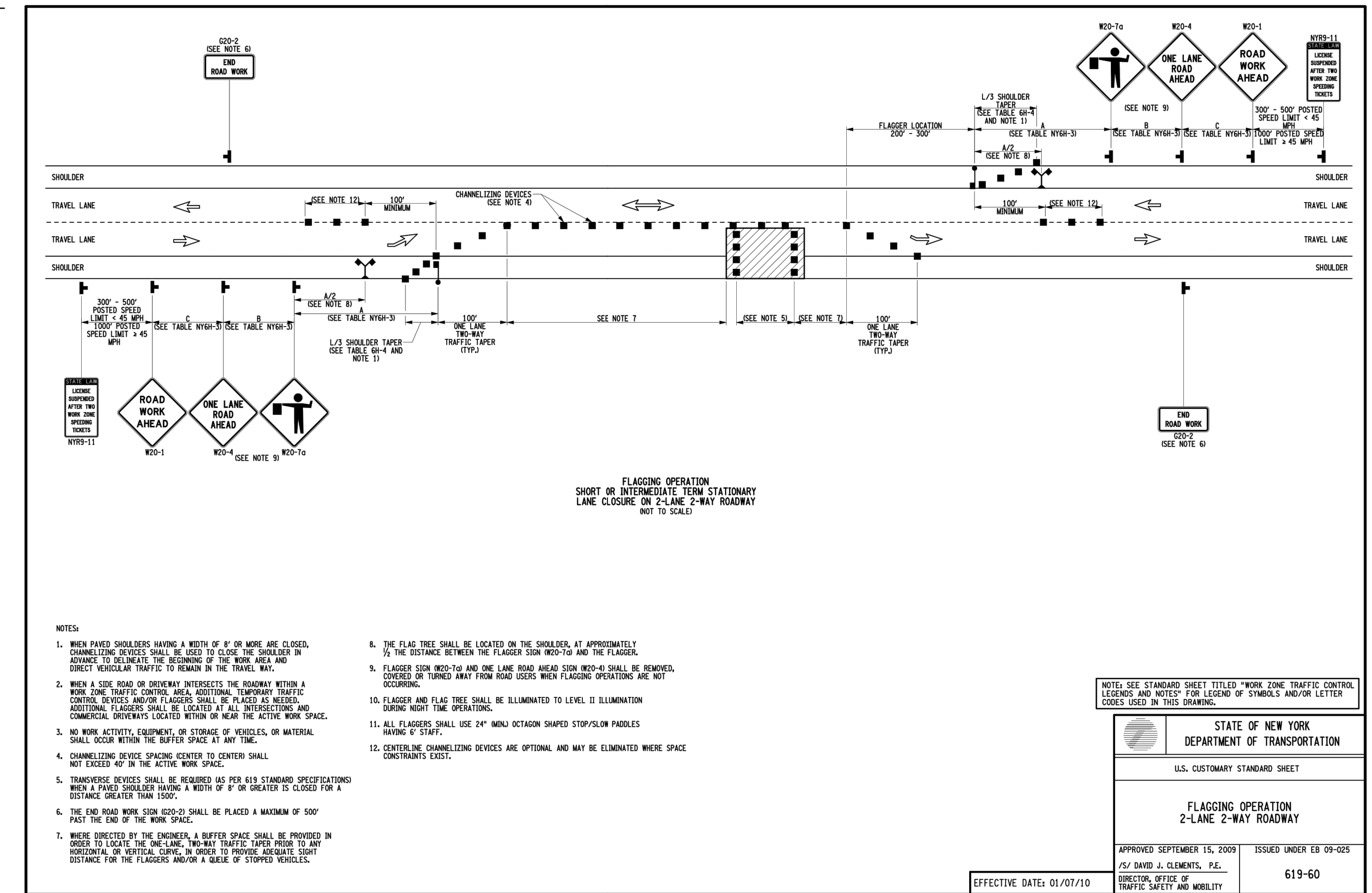
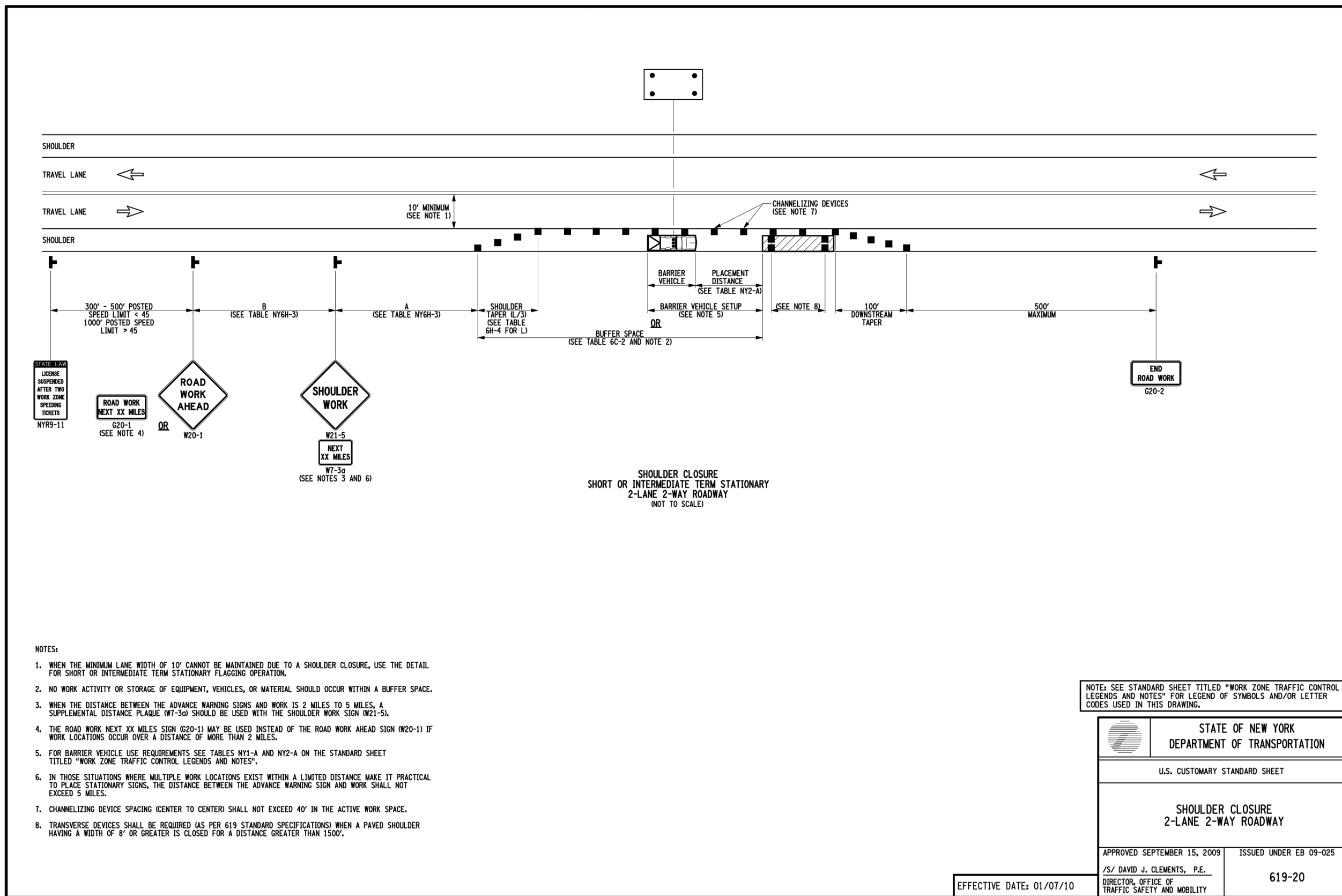
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**GENESSEE COUNTY ECONOMIC
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TOWN OF ALABAMA GENESSEE COUNTY NEW YORK STATE

DATE: 06/23/16
DRAWN: NCB
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 Plotted By: Zach Anderson

A	B	C	D	E	F	POST SPACING	AREA (SQ. FT.)	PAYMENT AREA (SQ. FT.)
24"	24"	18"	18"	12"	6"		3.2	4.0
30"	24"	18"	24"	12"			3.8	5.0
30"	30"	24"	24"	12"			18"	9.0
45"	30"	24"	18"	18"			18"	11.3
48"	48"	18"	18"	12"	24"		10.4	16.0
48"	48"	18"	18"	12"	24"		16.2	20.0

A	B	C	D	E	F	POST SPACING	AREA (SQ. FT.)	PAYMENT AREA (SQ. FT.)
18"	12"						1.8	2.3
24"	18"	12"					3.1	4.0
30"	18"	12"					4.0	5.0
36"	12"	18"	15"	18"			7.1	9.0
48"	18"	24"	21"	24"			12.5	16.0

A	B	C	D	E	POST SPACING	AREA (SQ. FT.)	PAYMENT AREA (SQ. FT.)
18"	12"					1.8	2.3
24"	18"	12"				3.1	4.0
30"	18"	12"				4.0	5.0
36"	12"	18"	15"	18"		7.1	9.0
48"	18"	24"	21"	24"		12.5	16.0

A	B	C	D	E	POST SPACING	AREA (SQ. FT.)	PAYMENT AREA (SQ. FT.)
18"	12"					1.8	2.3
24"	18"	12"				3.1	4.0
30"	18"	12"				4.0	5.0
36"	12"	18"	15"	18"		7.1	9.0
48"	18"	24"	21"	24"		12.5	16.0

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
SIGN BLANK DETAILS (SHEET 2 OF 2)
APPROVED OCTOBER 05, 2009 ISSUED UNDER EB 09-025
P/S/RICHARD W. LEE, P.E. FOR THE DEPUTY CHIEF ENGINEER DESIGN 645-01
EFFECTIVE DATE: 01/07/10

NOTE: ALL BACK TO BACK SIGNS SHALL BE MOUNTED AS SHOWN, INCLUDING STREET NAME SIGNS.

NOTE: IN ADDITION TO MEETING THE OFFSET REQUIREMENTS ON STANDARD SHEET TITLED "POSITIONING OF TRAFFIC SIGNS (SHEET 1 OF 2)", THE POST SHALL BE OFFSET FROM THE FACE OF THE GUIDE RAIL BY THE AMOUNT SHOWN IN THE TABLE ABOVE.

GUIDE RAIL TYPE / POST SPACING	MINIMUM DISTANCE
CABLE POST 16"-0" O.C.J.	12'-0"
CABLE POST 12"-0" O.C.J.	11'-0"
CABLE POST 8'-0" O.C.J.	9'-0"
CORRUGATED BEAM POST 12'-6" O.C.J.	9'-0"
CABLE POST 4'-0" O.C.J.	8'-0"
CORRUGATED BEAM POST 6'-3" O.C.J.	7'-0"
CORRUGATED BEAM POST 4'-2" O.C.J.	6'-0"
6" X 6" BOX BEAM POST 6'-0" O.C.J.	6'-0"
HEAVY POST BLOCKED OUT CORRUGATED POST 3'-15" O.C.J.	5'-0"
6" X 6" BOX BEAM POST 3'-0" O.C.J.	5'-0"
HEAVY POST BLOCKED OUT CORRUGATED POST 3'-15" O.C.J.	3'-0"

NOTE: IN ADDITION TO MEETING THE OFFSET REQUIREMENTS ON STANDARD SHEET TITLED "POSITIONING OF TRAFFIC SIGNS (SHEET 1 OF 2)", THE POST SHALL BE OFFSET FROM THE FACE OF THE GUIDE RAIL BY THE AMOUNT SHOWN IN THE TABLE ABOVE.

NOTE: ALL BACK TO BACK SIGNS SHALL BE MOUNTED AS SHOWN, INCLUDING STREET NAME SIGNS.

NOTE: IN ADDITION TO MEETING THE OFFSET REQUIREMENTS ON STANDARD SHEET TITLED "POSITIONING OF TRAFFIC SIGNS (SHEET 1 OF 2)", THE POST SHALL BE OFFSET FROM THE FACE OF THE GUIDE RAIL BY THE AMOUNT SHOWN IN THE TABLE ABOVE.

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
POSITIONING OF TRAFFIC SIGNS (SHEET 2 OF 2)
APPROVED OCTOBER 05, 2009 ISSUED UNDER EB 09-025
P/S/RICHARD W. LEE, P.E. FOR THE DEPUTY CHIEF ENGINEER DESIGN 645-03
EFFECTIVE DATE: 01/07/10

NOTES:

- THESE DETAILS ARE TYPICAL ONLY AND ARE TO BE USED BY THE CONTRACTOR AS GUIDES IN INSTALLING THE SIGN ASSEMBLIES SHOWN ON THE PLANS.
- THE POST TYPE (TYPE A WITH OR WITHOUT SOIL PLATES OR EXTRA EMBLEMMENT, HIGH CAPACITY TYPE A OR TYPE B) AND SIZE SHALL BE BASED ON THE SIGN AREA AND MOUNTING HEIGHT AS SHOWN ON THE PLANS.
- POSTS SHALL BE ERECTED AS SHOWN ON THE CURRENT MATERIALS DETAILS OR STANDARD SHEETS. POSTS SHOULD NOT BE ERECTED IN EXCESS OF THE DESIGN HEIGHT.
- HORIZONTAL Z BAR DIMENSIONS AND SPACING SHALL BE AS SHOWN ON THE CURRENT "SIGN BLANK DETAILS" STANDARD SHEETS. PANEL TO HORIZONTAL Z BAR CONNECTION DETAILS SHALL BE AS SHOWN ON THE CURRENT "SIGN BLANK DETAILS" STANDARD SHEETS, AND OTHER "SIGN" STANDARD SHEETS.
- SIGN ASSEMBLIES HAVING SIGN PANELS MOUNTED SIDE-BY-SIDE SHALL HAVE CONTIGUOUS HORIZONTAL Z BARS.
- SIGNS WIDER THAN 30" SHALL USE TWO OR MORE POSTS.
- THE VERTICAL SPACING BETWEEN PANELS SHALL BE AS SHOWN ON THE PLANS.
- THE VERTICAL DISTANCE TO THE BOTTOM OF THE SIGN SHALL BE DETERMINED AS FOLLOWS:
A. CLEARANCE - 7' FROM THE GROUND TO THE BOTTOM OF THE SIGN.
B. HEIGHT ABOVE NEAR EDGE OF TRAVEL LANE OR ABOVE TOP OF CURB
- 7' 8" WITH SUPPLEMENTARY PANELS ON CONVENTIONAL HIGHWAYS AND EXPRESSWAYS WHERE NO PARKED VEHICLES OR PEDESTRIANS ARE PRESENT.
- 5' 8" WITH SUPPLEMENTARY PANELS ON CONVENTIONAL HIGHWAYS AND EXPRESSWAYS WHERE NO PARKED VEHICLES OR PEDESTRIANS ARE PRESENT.
- 7' 8" WITH LATERAL CLEARANCE GREATER THAN 30' ON FREEWAYS FOR GUIDE SIGNS - WHERE FEASIBLE, A 30' MINIMUM LATERAL CLEARANCE IS REQUIRED FOR LARGE GUIDE SIGNS.
- 7' ON FREEWAYS FOR REGULATORY, WARNING AND SMALL GUIDE SIGNS.
- 4' MINIMUM ON BIKEWAY PATHS, 6' MAX.
- WHERE THERE ARE PHYSICAL LIMITATIONS OR VISIBILITY CONSIDERATIONS, THE SIGNS SHALL BE LOCATED AS ORDERED BY THE ENGINEER-IN-CHARGE.
- THE LATERAL CLEARANCE TO THE EDGE OF THE SIGN SHALL BE DETERMINED AS FOLLOWS:
A. SHOULDER WIDTH OF LESS THAN 6', 7' MINIMUM FROM THE EDGE OF SHOULDER.
B. SHOULDER WIDTH OF 6' OR GREATER, 7' MINIMUM FROM THE EDGE OF SHOULDER.
C. CURBED SECTIONS, 2' TYP. FROM THE FACE OF CURB.
D. BIKEWAY PATHS, 2' MINIMUM FROM THE FACE OF PATH 4' MAX.
E. TYPE B OBJECT MARKERS SHALL BE PLACED WITH THE NEAR EDGE OF THE MARKER IN LINE WITH THE EDGE OF THE OBSTRUCTION CLOSEST TO TRAFFIC.
F. WHERE THERE ARE PHYSICAL LIMITATIONS OR VISIBILITY CONSIDERATIONS, THE SIGNS SHALL BE LOCATED AS ORDERED BY THE ENGINEER-IN-CHARGE.
G. SEE STANDARD SHEET TITLED "POSITIONING OF TRAFFIC SIGNS (SHEET 2 OF 2)" FOR SIGN SIZE, 12' MINIMUM.

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
POSITIONING OF TRAFFIC SIGNS (SHEET 1 OF 2)
APPROVED OCTOBER 05, 2009 ISSUED UNDER EB 09-025
P/S/RICHARD W. LEE, P.E. FOR THE DEPUTY CHIEF ENGINEER DESIGN 645-03
EFFECTIVE DATE: 01/07/10

NOTE: SEE SPECIAL NOTES ENTITLED "MINOR REQUIREMENTS FOR SEWER MAINS AND APPURTENANCES" FOR INFORMATION ON ADDITIONAL REQUIREMENTS. REQUIREMENTS ARE CONSISTENT WITH "10 STATE STANDARDS" AS PUBLISHED BY HEALTH EDUCATION SERVICES.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ELEVATIONS OF EXISTING UTILITIES TO ENSURE ADEQUATE CLEARANCE FOR THE SEWER LINE EXISTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER ON BEHALF OF THE CONTRACTOR, ALLOWING THE ENGINEER AND THE ENGINEER OF RECORDS TO REVIEW NECESSITATING REMOVAL AND RECONSTRUCTION OF WORK ALREADY COMPLETED BY THE CONTRACTOR.

THE TOP PAYMENT LINE FOR TRENCH EXCAVATION SHALL BE PER SECTION 206.

BEFORE THE PIPE IS SET, THE CONTRACTOR SHALL BE REQUIRED TO TREAT THE SOIL CONDITIONS OF THE TRENCH AND UNDESIRABLE SOILS. UNDESIRABLE SOILS SHALL BE REMOVED AND REPLACED WITH SELECT GRANULAR FILL. ADDITIONAL PAYMENT WILL BE MADE FOR MATERIALS PLACED TO TREAT UNDESIRABLE SOILS.

NEW SANITARY SEWER MAINS INSTALLED PARALLEL TO WATER MAINS SHALL HAVE A MINIMUM OF 10' HORIZONTAL SEPARATION MEASURED FROM PIPE TO EDGE OF PIPE OR EDGE OF STRUCTURE WHERE POSSIBLE. FROM 10' HORIZONTAL SEPARATION CANNOT BE MAINTAINED A VERTICAL SEPARATION OF AT LEAST 1'-6" BETWEEN BOTTOM OF SEWER MAIN AND TOP OF SANITARY MAIN SHALL BE MAINTAINED. WHETHER SEPARATION CAN BE MAINTAINED, THE SANITARY SEWER MAIN AND WATER PIPE SHALL BE CONSTRUCTED AS SHOWN ON THE CONTRACT DOCUMENTS AS APPROVED BY THE APPROPRIATE HEALTH AGENCIES.

BACKFILL SHALL BE INSTALLED AND COMPACTED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 206.

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
SANITARY SEWER MAIN PIPE INSTALLATION DETAILS
APPROVED AUGUST 30, 2013 ISSUED UNDER EB 13-058
P/S/RICHARD W. LEE, P.E. FOR THE DEPUTY CHIEF ENGINEER DESIGN 664-01
EFFECTIVE DATE: 01/09/2014

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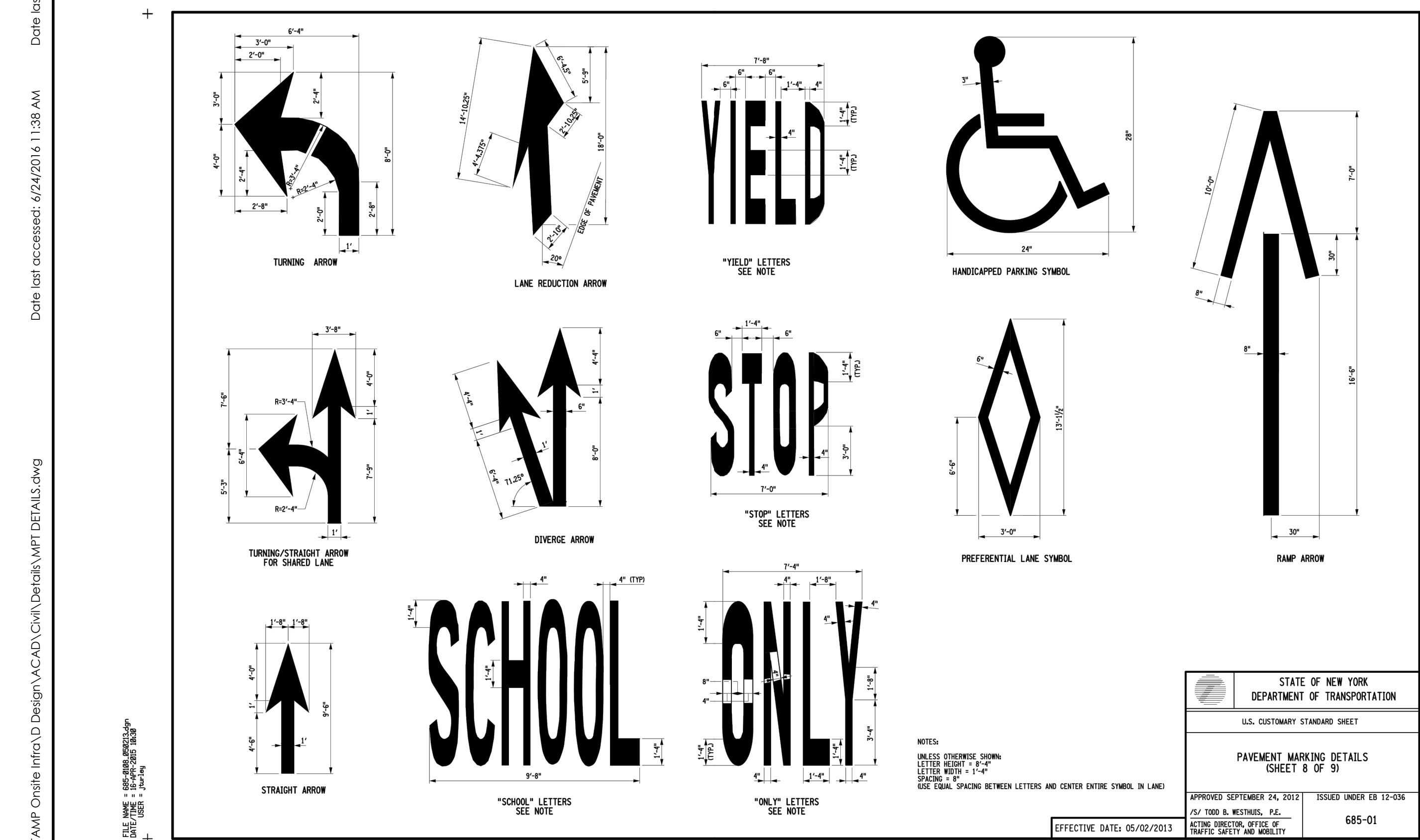
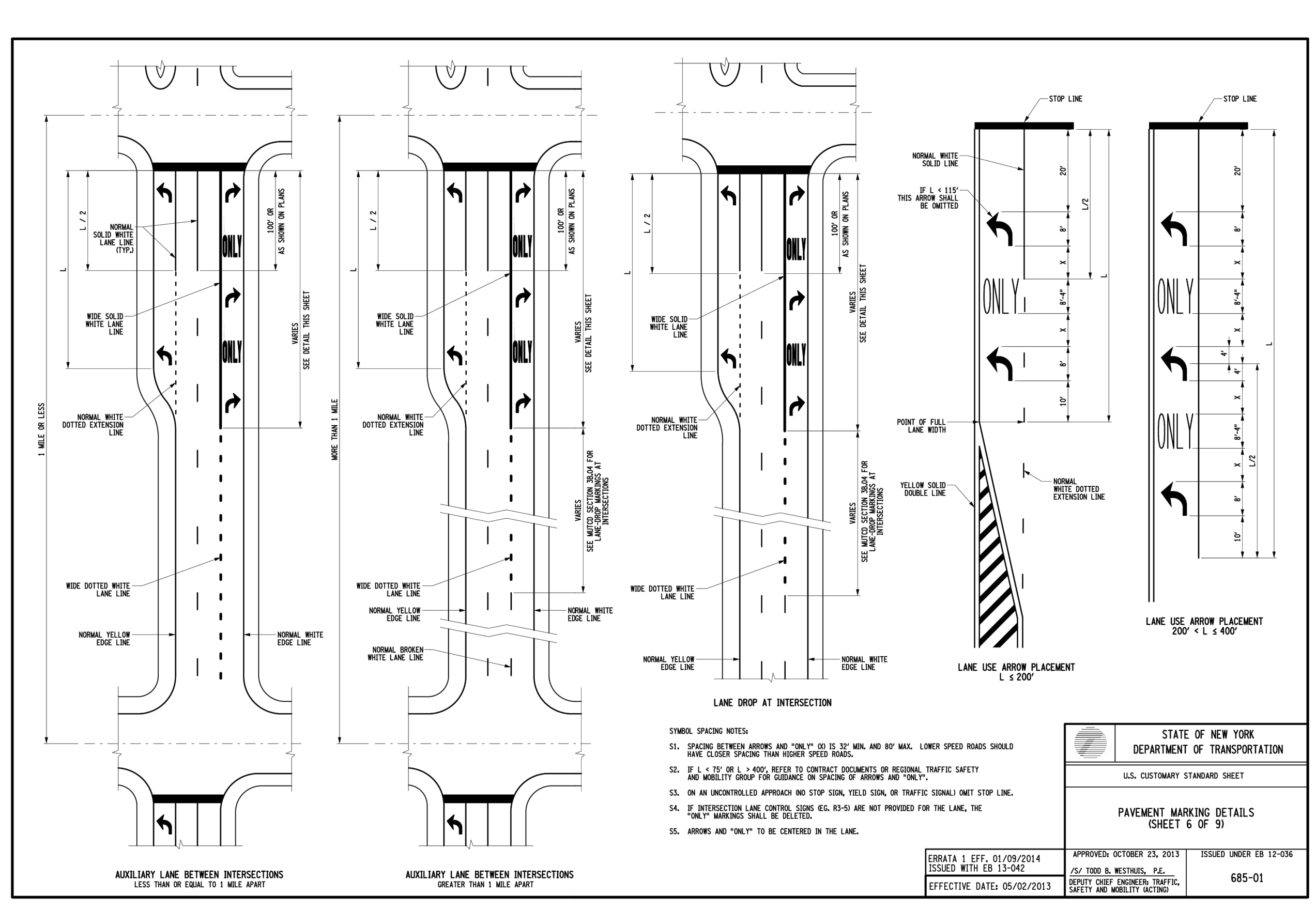
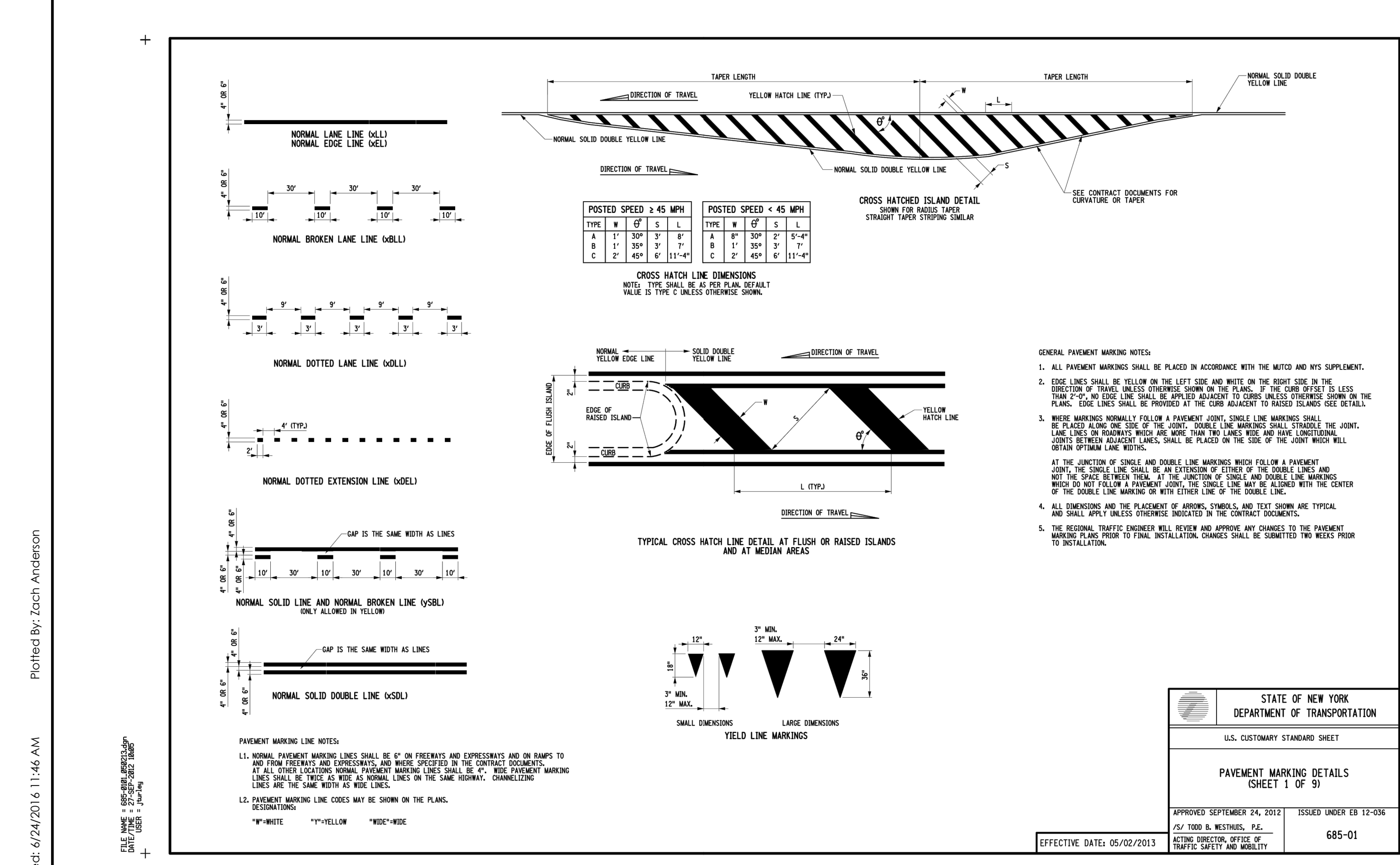
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STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET
POSITIONING OF TRAFFIC SIGNS (SHEET 2 OF 2)
APPROVED OCTOBER 05, 2009 ISSUED UNDER EB 09-025
P/S/RICHARD W. LEE, P.E. FOR THE DEPUTY CHIEF ENGINEER DESIGN 645-03
EFFECTIVE DATE: 01/07/10

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GENESEE COUNTY ECONOMIC DEVELOPMENT CENTER
TOWN OF ALABAMA GENESEE COUNTY NEW YORK STATE

DATE: 06/23/16
DRAWN: NCB
DESIGNED: ZLA
CHECKED: ARK
SCALE: AS NOTED

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12498.40
DRAWING NUMBER
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