NONE

MOVEMENT DIAGRAM

PRE-EMPT 1 / PRE-EMPT 2 (1)

NTOR	FLASH	PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
		GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
FACE # 1	◄R				◄	◄Y	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R									
2	R				G	(1)Y	(1)R	R	R	R	G	Y	R	R	R	R									
3	R				R	R	R	R	R	R	G	Y	R	R	R	R									
4	◄R				◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄R	◄	◄Y	◄R									
6	R►				R	R	R	R	R	(1)R	→	(2)►	(3)►	→	Y►	R(1)									
P	OFF				◄ DW		►	WØ ◄			DW		►												
						◄ YIELD POINT																			

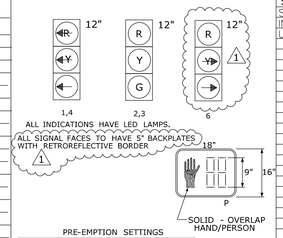
INTERVALS	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8
MIN GRN		15		9	7			
WALK			7					
PED CLR			20					
VEH EXT		3		2	1.5			
MAX 1		39		30	22			
MAX 2		39		30	22			
YELLOW		3.5	4.0	3.5	3.3			
RED		1.7	0	1.6	1			
ADD INIT								
MAX INIT								
TBR								
TTR								
MIN GAP								
MODE	OFF	MIN-RECALL	NON-LOCK	NON-LOCK	NON-LOCK	OFF	OFF	OFF
INT START		THIS PHASE						

(4) COUNTDOWN PEDESTRIAN SIGNAL

ENERGY BY STATE	ADDRESS #
MAINT LEVEL 1	SERVICE POLE U.I. 1571
METERED SERVICE	

INTERSECTION # 036-205

SIGNAL FACES



PRE-EMPTION SETTINGS

	PRE-EMPT 1	PRE-EMPT 2
PRIORITY	NO	NO
DET. LOCK	YES	YES
DELAY	0	0
ALT. MIN. GRN	5	5
ALT. YELLOW	PARENT	PARENT
ALT. RED	PARENT	PARENT
ALT. PED. CLR.	20	20
HOLD GREEN	15	35 (1)
HOLD YELLOW	3.5	3.5
HOLD RED	1.7	1.7
HOLD PHASE	2	2
EXIT PHASE	4	4
EXIT CALL	NONE	NONE

OFFICE RECORD

STC # SM #

SIGNAL REVISED:
INSTALLED NEW CONTROLLER AND EQUIPMENT UNDER PROJECT 36-182

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION
DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL

CITY OF DERBY
ROUTE 34 AT ROUTE 115 (DERBY AVE.)

REV #	TRAFFIC		ELECTRICAL	
		DATE		DATE
ENGINEER				
DRAWN BY				
CHECKED BY				
SUBMITTED BY				
APPROVED BY				
DATE				

VN ENGINEERS

DETECTORS

IDENT	SIZE (WXL)	TURNS	MODE
D2, D2A	6X6	4	PRESENCE
D4,D4A	6X6	3	PRESENCE
D4B	12X6	3	PRESENCE
D2B	6X6	4	PRESENCE
D5,D5A	6X6	3	PRESENCE
SD 2,3	6X6	3	PRESENCE
SD 4,5	6X6	3	PRESENCE

PROGRAM

FUNCTION	TIME	DAYS
FLASH	NONE	
MAX 1	ALL TIMES	
MAX 2	FUTURE	
FREE	ALL OTHER TIMES	

COORDINATION TYPE CLOSED LOOP

CYCLE	OFFSET SEC	OFFSET %	PHASE SPLITS SEC / % Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
110	74	93								

PERMIS PERIOD	
Ø	SEC

TECHNICAL NOTES

SYSTEM LOC MASTER	STANDARD OVERLAP SKIP FEATURES APPLY
106-215	
106-217	(1) TO BE G IF PHASE 4 NEXT
106-208	(2) TO BE Y► IF PHASE 2 NEXT
106-214	(3) TO BE R► IF PHASE 2 NEXT
106-209	(4) COUNTDOWN ONLY DURING FLASHING PEDESTRIAN CLEARANCE INTERVAL.
106-210	D4D TO BE USED AS LOCAL AND SYSTEM DETECTOR.
036-210	PRE-EMPTION TO BE INOPERATIVE DURING FLASHING OPERATION
036-207	MANUAL AND INTERVAL ADVANCE TO BE
036-213	DISCONNECTED DURING PHASE 3 PEDESTRIAN
036-209	CLEARANCE INTERVAL.
036-205	PRE-EMPT 2 CALLED OVER HARDWIRE THROUGH 14/5 CABLE FROM FIREHOUSE (1)

LEGEND:

R	RED	◄R	RED ARROW
Y	YELLOW	◄Y	YELLOW ARROW
G	GREEN	◄	GREEN ARROW
FL.	FLASHING	WØ	WALK/ PED. CLR
		D.W.	DON'T WALK

DIVISION OF TRAFFIC ENGINEERING CADD

CONSTRUCTION NOTES :

ALL TRAFFIC SIGNAL EQUIPMENT IS NEW EXCEPT AS NOTED.

STAKE ALL R.O.W. PRIOR TO EXCAVATION.

INSTALL LOOP DETECTORS IN THE CENTER OF THE LANE AND 8' APART UNLESS OTHERWISE SPECIFIED

REPLACE ENTIRE SECTION OF SIDEWALK DAMAGED DUE TO INSTALLATION OF CONDUIT, HANDHOLE OR FOUNDATION.

REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPTMENT INCLUDING, BUT NOT LIMITED TO FOUNDATIONS, HANDHOLES, CONDUIT RISERS & CABLE, MESSENGER & INTERCONNECT, STEEL POLES, AND WOOD POLES.

INSTALL 20 AMP, 1 POLE CIRCUIT BREAKER FOR LUMINARE FEED.

INSTALL CONCRETE SIDEWALK ON CABINET DOOR SIDE OF CONTROLLER FOUNDATION AS SHOWN ON STANDARD SHEET TR-1002_01.

CABINET DOOR TO OPEN TO FIELD SIDE.

CONTRACTOR TO CONTACT CTDOT SIGNAL LABORATORY PRIOR TO MAKING FIELD REVISIONS ASSOCIATED WITH THE PRE-EMPTION EQUIPMENT.

(R) INSTALL NEW COMBINATION SPAN POLE AND LUMINAIRE. INSTALL NEW 250W HPS, 120 VOLT, FULL-CUTOFF LUMINARE WITH INTEGRAL PHOTOCELL. ELECTRIC FEED FROM SIGNAL CABINET.

(V) INSTALL CAST IRON HANDHOLE COVER.

REFER TO LIGHTING PLANS FOR WIRING OF LUMINAIRES ON TRAFFIC SIGNAL POLES

TWO WEEKS PRIOR TO INSTALLATION CONTACT UNITED ILLUMINATING REPRESENTATIVE BRIAN FITOL AT (203) 926-4831 AND AT&T REPRESENTATIVE MICHAEL BRECHER AT (203) 238-5201.

ANY PROPOSED REVISIONS TO THE LOCATIONS OF THE APPURTENANCES SHOWN ON THE PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DIVISION OF TRAFFIC ENGINEERING PRIOR TO INSTALLATION.

THE LOCATION OF TRAFFIC SIGNAL APPURTENANCES (MAST ARMS, SPAN POLES, PEDESTALS, AND HAND HOLES) WHEN IN OR ADJACENT TO SIDEWALKS SHALL BE VERIFIED PRIOR TO INSTALLATION TO PROVIDE A FREE PATH OF NOT LESS THAN 3 FEET. IF A MINIMUM 3 FOOT FREE PATH IS UNAVAILABLE NOTIFY THE ENGINEER AND CONTACT THE DIVISION OF TRAFFIC ENGINEERING.

INSTALL HAND HOLES APPROX. 1' BEHIND CURB OR IF NO CURB, 2' BEHIND EDGE OF ROAD UNLESS OTHERWISE SPECIFIED.

INSTALL TRAFFIC SIGNAL CABLE CLOSURE ON THE SPAN +/- 5' FROM CURBLINE.

COORDINATE THIS REVISION WITH DOT UNIT 1511. CONTACT MR. DON ASSARD AT (860)258-0346 AT LEAST 48 HOURS PRIOR TO REVISION.

EXISTING AUXILIARY EQUIPTMENT CABINET IS TO BE RELOCATED TO THE LEFT SIDE OF THE NEW CONTROLLER CABINET. INSTALL PRE-EMPTION EQUIPTMENT IN AUXILIARY CABINET.

UTILITY ENGINEERS CONSULTED DURING DESIGN:
AT&T: MICHAEL BREECHER PHONE: (203) 238-5201,
U.I.: BRIAN FITOL PHONE: (203) 926-4831.

(U) CONTRACTOR TO SPLICE NEW 14/5 CABLE TO EXISTING CABLE FOR PUSH BUTTON IN EXISTING HANDHOLE.

(Y) INSTALL NEW 2" RMC WITH 5-14/2 FROM EXISTING HANDHOLE TO NEW SPAN POLE.

(X) INSTALL 14 / 5 CABLE FOR PUSH BUTTON ACTIVATION OF PRE-EMPTION IN FIREHOUSE.

(Z) PULL 16/12 INTERCONNECT BACK TO HANDHOLE NEAR UI 1230. EXTEND TO NEW CABINET AFTER CONDUIT HAS BEEN INSTALLED.

(W) 30" X 30" HANDHOLE

SIGN LEGEND

(A) SPAN MTD. 31-0135 (↖)
(B) SPAN MTD. 31-0139 (↑)
(E) 31-0223 (↑/↗)
(F) 31-0290 (↖/↗/↑)
(H) 31-1622 (NO U TURN)
31-1526 (KEEP RIGHT)
(I) 31-0309 (↖↖/↑)

NOTES:

SEE SEPARATE PLAN FOR PAVEMENT MARKINGS AND SIGNING.

EMERGENCY PRE-EMPTION EQUIPMENT TO BE OWNED AND MAINTAINED BY CITY OF DERBY.

STATE TO MAINTAIN ALL PAVEMENT MARKINGS AND SIGNS.

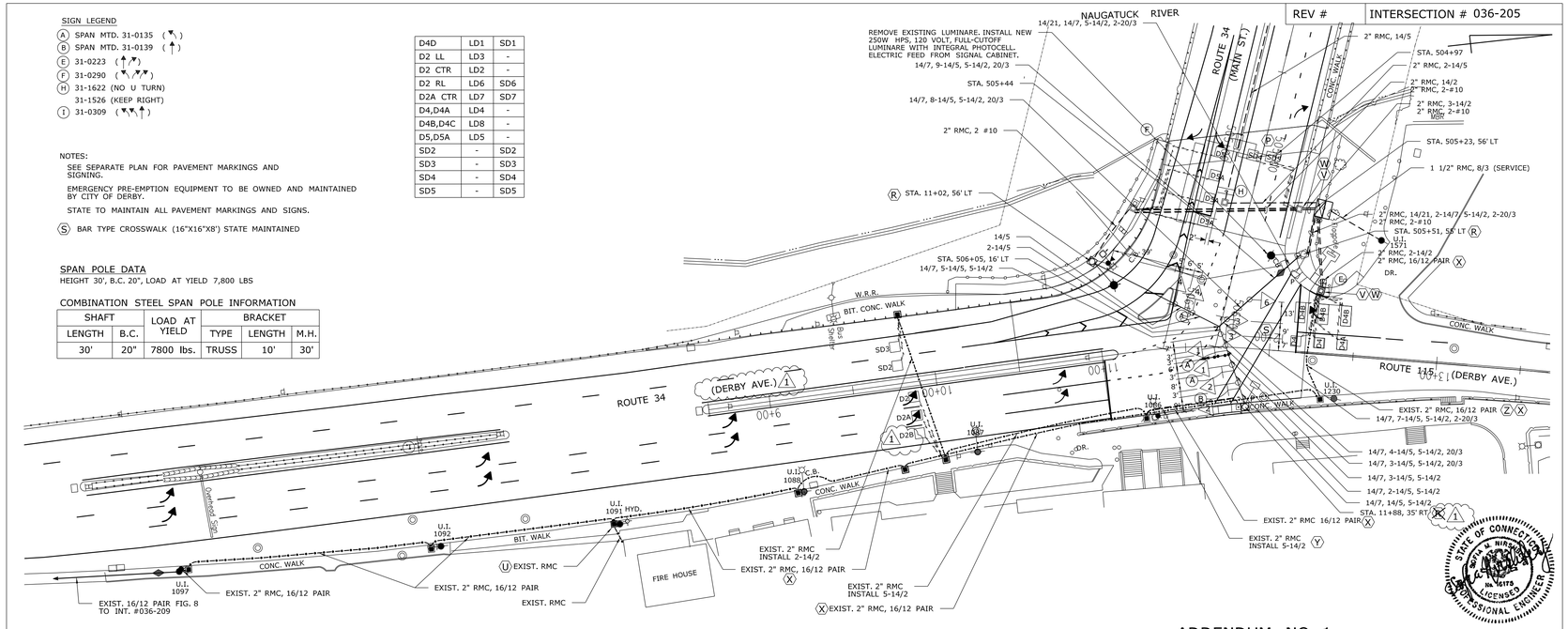
(S) BAR TYPE CROSSWALK (16"X16"X8') STATE MAINTAINED

D4D	LD1	SD1
D2 LL	LD3	-
D2 CTR	LD2	-
D2 RL	LD6	SD6
D2A CTR	LD7	SD7
D4,D4A	LD4	-
D4B,D4C	LD8	-
D5,D5A	LD5	-
SD2	-	SD2
SD3	-	SD3
SD4	-	SD4
SD5	-	SD5

SPAN POLE DATA
HEIGHT 30', B.C. 20", LOAD AT YIELD 7,800 LBS

COMBINATION STEEL SPAN POLE INFORMATION

SHAFT		LOAD AT YIELD	BRACKET		
LENGTH	B.C.		TYPE	LENGTH	M.H.
30'	20"	7800 lbs.	TRUSS	10'	30'



ADDENDUM NO. 1

SCALE 1" = 40'

REV #	INTERSECTION # 036-205

NO.	DATE	INIT.	DESCRIPTION
1	12/13/13		TIMING PHASING

REVISIONS

VN ENGINEERS
116 WASHINGTON AVENUE
NORTH HAVEN, CT 06473

STATE OF CONNECTICUT LICENSED PROFESSIONAL ENGINEER
Sofia M Nirshberg
2013.12.17
12:16:11 -05'00'

I:\Projects\27-111\Traffic_Signals\New_Signal\TR_tcs_0360205019_A1.dgn

DATE PLOTTED 12/16/2013

○ PROPOSED WOOD SPAN POLE
● EXISTING WOOD SPAN POLE
□ PROPOSED STEEL SPAN POLE
◉ EXISTING STEEL SPAN POLE
◇ PROPOSED UTILITY POLE
● EXISTING UTILITY POLE
PEDESTRIAN SIGNAL FACE
AUDIBLE PEDESTRIAN SIGNAL
PROPOSED CONTROLLER
TRAFFIC SIGNAL FACE
PEDESTRIAN PUSH BUTTON & SIGN
PEDESTAL MOUNTING
PROPOSED R.M.C. (RIGID METAL CONDUIT)
EXISTING R.M.C. (RIGID METAL CONDUIT)
DET. LEADS IN SAW CUT
AUXILIARY TERMINATION CABINET
AUXILIARY EQUIPMENT CABINET
VIDEO DETECTOR
OPTICAL DETECTOR
SD SYSTEM DETECTOR
EXISTING CONTROLLER
PROPOSED HANDHOLE
EXISTING HANDHOLE
SIDEWALK RAMP
SONIC DETECTOR
GUY WIRE
LOOP DETECTOR
MAGNETIC DETECTOR
CABLE CLOSURE

DRAWN BY : KVP

DESIGNED BY : MWD

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

CITY OF DERBY
ROUTE 34 AT ROUTE 115 (DERBY AVE.)

OFFICE OF ENGINEERING

TOWN: CITY OF DERBY

DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN

PROJECT NO. 36-182

DRAWING NO. TCS-001

SHEET NO. 05.02.A1

REV # | INTERSECTION # 036-205

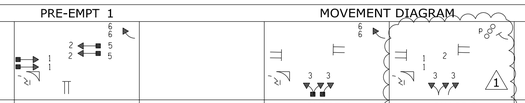
Border Version 11/14/08

Connecticut Department of Transportation
QA/QC Format Check

MOVEMENT DIAGRAM

NONE

PRE-EMPT 1



NTOR		PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
	FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
FACE # 1	Y				G	Y	R				R	R	R	R	R	R									
2	Y				G	Y	R				R	R	R	R	R	R									
3	R				R	R	R				G	Y	R	G	Y	R									
6	↗				↗	↗ ①	↗ ②				↗	↗	↗	R	R	R									
P	OFF				DW						DW			WØ	DW										
YIELD POINT																									
INTERVALS MIN GRN					15						9			15											
WALK														7											
PED CLR														8											
VEH EXT					3						2			2											
MAX 1					45						20			20											
MAX 2					40						25			25											
YELLOW						3						3			3										
RED							2						2			2									
ADD INIT																									
MAX INIT																									
TBR																									
TTR																									
MIN GAP																									
MODE		OFF			MIN-RECALL			OFF			NON-LOCK			NON-LOCK			OFF			OFF			OFF		
INT START					THIS PHASE																				

④ COUNTDOWN PEDESTRIAN SIGNAL

DETECTORS			
IDENT	SIZE (WXL)	TURNS	MODE
D2	14X6	3	PRESENCE
D2A	20X6	4	PRESENCE
D4	6X6	3	PRESENCE
D4A	9X6	3	8" DELAY
D4B	12X6	3	8" DELAY
D4C	19X6	3	3" DELAY

PROGRAM			COORDINATION TYPE TC/TBC														PERMIS PERIOD	
FUNCTION	T I M E	DAYS	CYCLE	OFFSET SEC	OFFSET %	PHASE SPLITS SEC / % Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø	SEC
FLASH	0001-0600	DAILY													
MAX 1	ALL OTHER TIMES	DAILY													
MAX 2	1100-1700	ST-SU													
CYC 1	ALL OTHER TIMES	DAILY	80	6	2.7										
CYC 2	1100-1700	ST-SU	80	10	13										

SYSTEM LOC	TECHNICAL NOTES
MASTER	DETECTOR D4C TO FORCE OFF TO PHASE 4 IF OCCUPIED FOR 3 SEC.
036-204	DETECTORS D2 & D2A TO BE INOPERATIVE DURING COORDINATION.
036-217	PEDESTRIAN ACTUATION TO CALL PHASE 5 AND OMIT PHASE 4.
036-203	PHASE 4 ON TO OMIT PHASE 5.
036-202	DETECTORS D4, D4A, D4B, D4C TO CALL AND EXTEND PHASE 4 AND EXTEND PHASE 5 ONLY.
036-201	STANDARD OVERLAP SKIP FEATURES APPLY.
	④ COUNTDOWN ONLY DURING FLASHING PEDESTRIAN CLEARANCE INTERVAL

① TO BE Y IF PHASE 5 IS NEXT
② TO BE R IF PHASE 5 IS NEXT
PRE-EMPTION TO BE INOPERATIVE DURING FLASHING OPERATION

LEGEND:

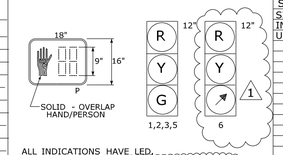
R	RED	◄R-	RED ARROW
Y	YELLOW	◄Y-	YELLOW ARROW
G	GREEN	◄-	GREEN ARROW
FL.	FLASHING	WØ	WALK/ PED. CLR
		D.W.	DON'T WALK

DIVISION OF TRAFFIC ENGINEERING CADD

ENERGY BY	STATE	ADDRESS #	
MAINT LEVEL	1	SERVICE POLE	U.I. 175
METERED SERVICE			

INTERSECTION # 036-217

SIGNAL FACES



ALL INDICATIONS HAVE LED.
SIGNAL FACE 6 TO HAVE 5" BACKPLATES WITH RETROREFLECTIVE BORDER

PRE-EMPTION SETTINGS

	PRE-EMPT 1	PRE-EMPT 2
PRIORITY	NO	NO
DET. LOCK	YES	YES
DELAY	0	0
ALT. MIN. GRN	5	5
ALT. YELLOW	PARENT	PARENT
ALT. RED	PARENT	PARENT
ALT. PED. CLR.	8	8
HOLD GREEN	15	15
HOLD YELLOW	3	3
HOLD RED	2	2
HOLD PHASE	2	2
EXIT PHASE	4	4
EXIT CALL	NONE	NONE

OFFICE RECORD

STC # SM #
SIGNAL REVISED:
INSTALLED NEW MAST ARM AND PED FEATURES UNDER PROJECT 36-182

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION
DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL

CITY OF DERBY
ROUTE 34 AT ROUTE 8 N.B. RAMPS

REV #	TRAFFIC		ELECTRICAL	
		DATE		DATE
ENGINEER				
DRAWN BY				
CHECKED BY				
SUBMITTED BY				
APPROVED BY				
DATE				

VN ENGINEERS

CONSTRUCTION NOTES :

ALL TRAFFIC SIGNAL EQUIPMENT IS EXISTING EXCEPT AS NOTED.

ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT IS TO BE REMOVED.

COORDINATE THIS REVISION WITH DOT UNIT 1511. CONTACT MR. DON ASSARD AT (860)258-0346 AT LEAST 48 HOURS PRIOR TO REVISION.

(L) REMOVE SPAN POLE AND SPAN WIRE.

(N) INSTALL DETECTOR D2A IN FINAL LOCATION AS SHOWN.

(O) NEW HANDHOLE AND CONDUIT TO ACCOMMODATE NEW WALKWAY.

(Q) INSTALL NEW HANDHOLE TO ACCOMMODATE GORE RECONSTRUCTION.

(R) INSTALL CAST IRON HANDHOLE COVER.

ANY PROPOSED REVISIONS TO THE LOCATIONS OF THE APPURTENANCES SHOWN ON THE PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE DIVISION OF TRAFFIC ENGINEERING PRIOR TO INSTALLATION.

THE LOCATION OF TRAFFIC SIGNAL APPURTENANCES (MAST ARMS, SPAN POLES, PEDESTALS, AND HAND HOLES) WHEN IN OR ADJACENT TO SIDEWALKS SHALL BE VERIFIED PRIOR TO INSTALLATION TO PROVIDE A FREE PATH OF NOT LESS THAN 3 FEET. IF A MINIMUM 3 FOOT FREE PATH IS UNAVAILABLE NOTIFY THE ENGINEER AND CONTACT THE DIVISION OF TRAFFIC ENGINEERING.

ALL HANDHOLES INSTALLED IN SIDEWALK SHALL HAVE CAST IRON COVERS.

INSTALL HAND HOLES APPROX. 1' BEHIND CURB OR IF NO CURB, 2' BEHIND EDGE OF ROAD UNLESS OTHERWISE SPECIFIED.

ALL NEW LOOP DETECTORS TO BE CENTERED IN LANE.

(M) INSTALL NEW MAST ARM, FOUNDATION, OPTICAL DETECTOR AND SIGNAL HEADS AS SHOWN.

(U) INSTALL NEW OPTICAL DETECTOR.

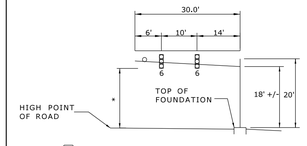
(V) INSTALL NEW PEDESTALS, PEDESTRIAN HEADS AND PUSH BUTTONS.

(X) INSTALL 2-14/7, 2-14/5, 14/2, 20/3

(Y) INSTALL 2-14/7, 14/5, 14/2, 20/3

(Z) INSTALL 20/3 OPTICAL DETECTOR CABLE. ROUTE THROUGH THE CABINET AND THROUGH SPARE CONDUIT TO INTERSECT #036-204 AUXILIARY EQUIPTMENT CABINET.

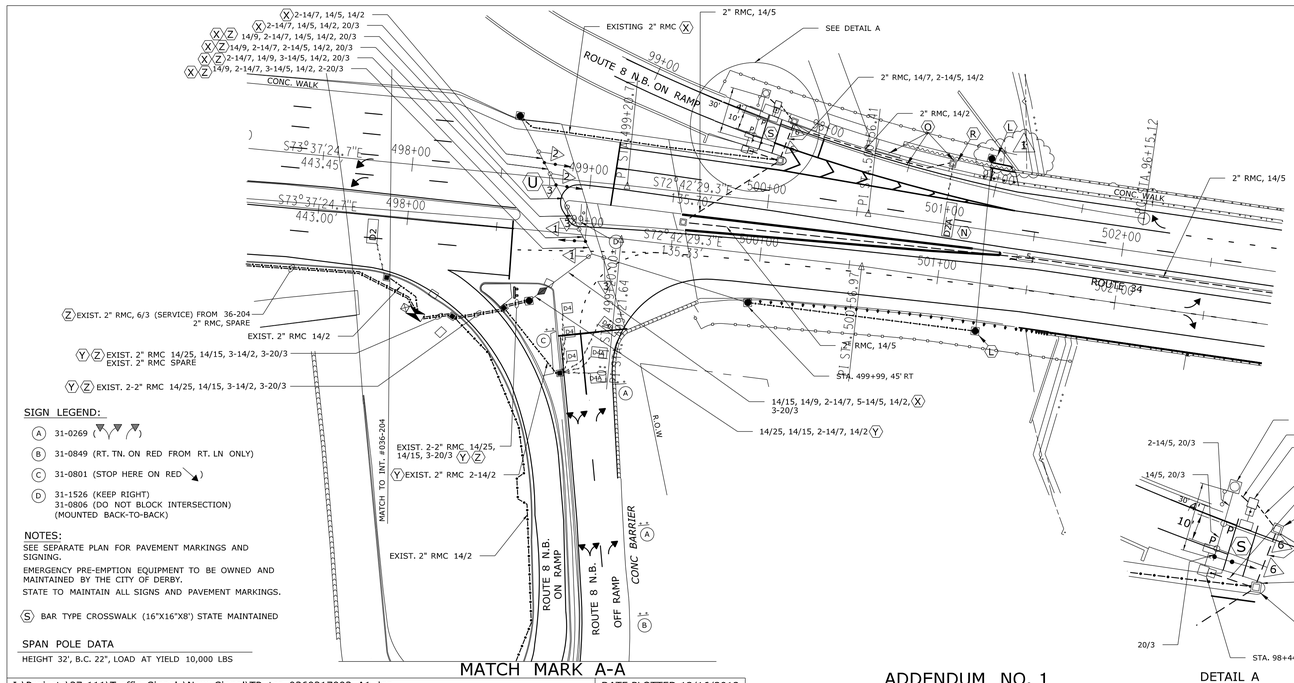
TYPICAL MAST ARM DETAIL



(M) MAST ARM ON ROUTE 8 NB ON RAMP
NOT TO SCALE

* DISTANCE BETWEEN ROAD AND SIGNAL HEAD SHALL BE 16' TO 18'

CROSS SECTION IS PERPENDICULAR TO MAST ARM. CONTRACTOR TO VERIFY MAST ARM INFORMATION PRIOR TO ORDERING MAST ARMS, PER SPECIAL PROVISIONS. ALL MAST ARM MOUNTED TRAFFIC SIGNALS ARE FIXED MOUNTED TO THE ARM BY THE USE OF ADJUSTABLE BRACKETS.



MATCH MARK A-A

SIGN LEGEND:

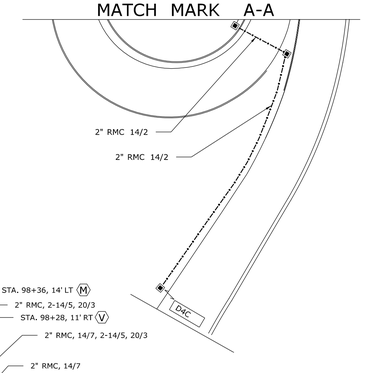
(A) 31-0269
(B) 31-0849 (RT. TN. ON RED FROM RT. LN ONLY)
(C) 31-0801 (STOP HERE ON RED)
(D) 31-1526 (KEEP RIGHT)
31-0806 (DO NOT BLOCK INTERSECTION)
(MOUNTED BACK-TO-BACK)

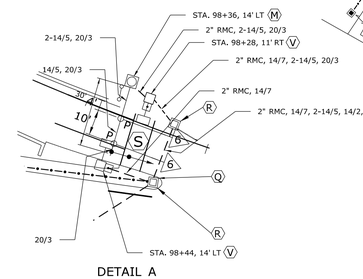
NOTES:
SEE SEPARATE PLAN FOR PAVEMENT MARKINGS AND SIGNING.
EMERGENCY PRE-EMPTION EQUIPMENT TO BE OWNED AND MAINTAINED BY THE CITY OF DERBY.
STATE TO MAINTAIN ALL SIGNS AND PAVEMENT MARKINGS.

(S) BAR TYPE CROSSWALK (16"X16"X8') STATE MAINTAINED

SPAN POLE DATA
HEIGHT 32', B.C. 22", LOAD AT YIELD 10,000 LBS

MATCH MARK A-A





DETAIL A

SCALE 1" = 40'

REV #	INTERSECTION #	036-217

NO.	DATE	INIT.	DESCRIPTION
1	12/13/13		TIMING PHASING

REVISIONS

I:\Projects\27-111\Traffic_Signals\New_Signal\TR_tcs_0360217003_A1.dgn

DATE PLOTTED 12/16/2013

PROPOSED WOOD SPAN POLE
EXISTING WOOD SPAN POLE
PROPOSED STEEL SPAN POLE
EXISTING STEEL SPAN POLE
PROPOSED UTILITY POLE
EXISTING UTILITY POLE
PEDESTRIAN SIGNAL FACE
AUDIBLE PEDESTRIAN SIGNAL
PROPOSED CONTROLLER
TRAFFIC SIGNAL FACE
PEDESTRIAN PUSH BUTTON & SIGN
PEDESTAL MOUNTING
PROPOSED R.M.C. (RIGID METAL CONDUIT)
EXISTING R.M.C. (RIGID METAL CONDUIT)
DET. LEADS IN SAW CUT
AUXILIARY TERMINATION CABINET
AUXILIARY EQUIPMENT CABINET
VIDEO DETECTOR
OPTICAL DETECTOR
SD SYSTEM DETECTOR
EXISTING CONTROLLER
PROPOSED HANDHOLE
EXISTING HANDHOLE
SIDEWALK RAMP
SONIC DETECTOR
GUY WIRE
LOOP DETECTOR
MAGNETIC DETECTOR
CABLE CLOSURE

ADDENDUM NO. 1

DRAWN BY : KVP
DESIGNED BY : MWD

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

CITY OF DERBY
ROUTE 34 AT ROUTE 8 N.B. RAMPS

OFFICE OF ENGINEERING

TOWN: CITY OF DERBY

DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN

PROJECT NO. 36-182
DRAWING NO. TCS-002
SHEET NO. 05.03.A1

REV # INTERSECTION # 036-217

Border Version 11/14/08

SIGNING STANDARD CONVENTIONS

OVERHEAD INSTALLATION	
CANTILEVER INSTALLATION	
BRIDGE MOUNTED INSTALLATION	
SIDE MOUNTED INSTALLATION	
SINGLE POST MOUNTING	REGULATORY, WARNING OR GUIDE SIGN INSTALLATION
DOUBLE POST MOUNTING	
AS NOTED - (16H,16E CONSTRUCTION INDENTIFICATION SIGNS)	
PARAPET MOUNTED SIGN	
00-000-00 / 0	LOCATION & TABULATION NO. EXTRUDED ALUMINUM SIGNS
00 / 00-0	LOCATION NO. / SIGN NO.

NOTES:

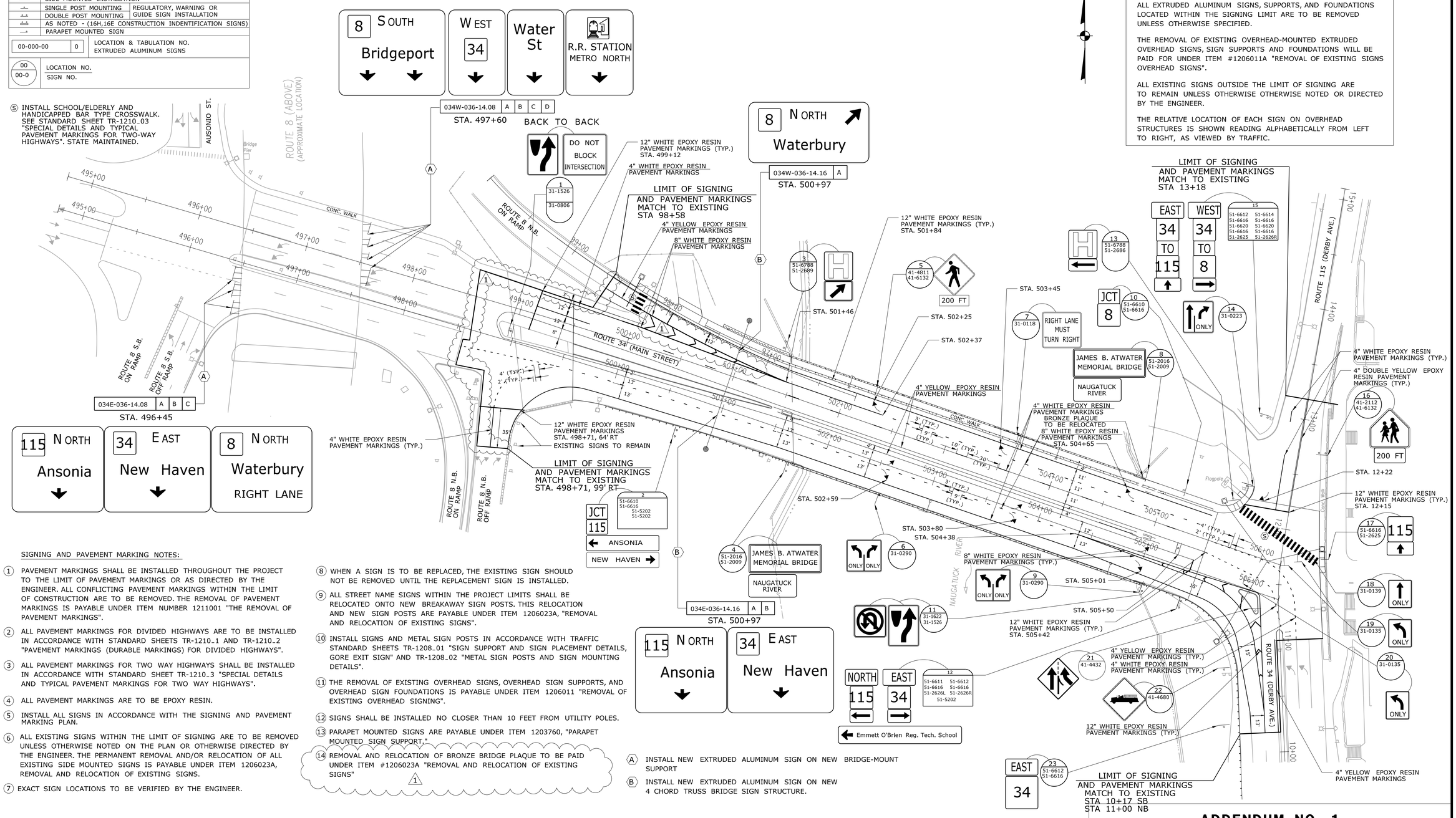
EXTRUDED ALUMINUM SIGNING NOTES:

ALL EXTRUDED ALUMINUM SIGNS, SUPPORTS, AND FOUNDATIONS LOCATED WITHIN THE SIGNING LIMIT ARE TO BE REMOVED UNLESS OTHERWISE SPECIFIED.

THE REMOVAL OF EXISTING OVERHEAD-MOUNTED EXTRUDED OVERHEAD SIGNS, SIGN SUPPORTS AND FOUNDATIONS WILL BE PAID FOR UNDER ITEM #1206011A "REMOVAL OF EXISTING SIGNS OVERHEAD SIGNS".

ALL EXISTING SIGNS OUTSIDE THE LIMIT OF SIGNING ARE TO REMAIN UNLESS OTHERWISE OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.

THE RELATIVE LOCATION OF EACH SIGN ON OVERHEAD STRUCTURES IS SHOWN READING ALPHABETICALLY FROM LEFT TO RIGHT, AS VIEWED BY TRAFFIC.



SIGNING AND PAVEMENT MARKING NOTES:

1. PAVEMENT MARKINGS SHALL BE INSTALLED THROUGHOUT THE PROJECT TO THE LIMIT OF PAVEMENT MARKINGS OR AS DIRECTED BY THE ENGINEER. ALL CONFLICTING PAVEMENT MARKINGS WITHIN THE LIMIT OF CONSTRUCTION ARE TO BE REMOVED. THE REMOVAL OF PAVEMENT MARKINGS IS PAYABLE UNDER ITEM NUMBER 1211001 "THE REMOVAL OF PAVEMENT MARKINGS".
2. ALL PAVEMENT MARKINGS FOR DIVIDED HIGHWAYS ARE TO BE INSTALLED IN ACCORDANCE WITH STANDARD SHEETS TR-1210_1 AND TR-1210_2 "PAVEMENT MARKINGS (DURABLE MARKINGS) FOR DIVIDED HIGHWAYS".
3. ALL PAVEMENT MARKINGS FOR TWO WAY HIGHWAYS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD SHEET TR-1210_3 "SPECIAL DETAILS AND TYPICAL PAVEMENT MARKINGS FOR TWO WAY HIGHWAYS".
4. ALL PAVEMENT MARKINGS ARE TO BE EPOXY RESIN.
5. INSTALL ALL SIGNS IN ACCORDANCE WITH THE SIGNING AND PAVEMENT MARKING PLAN.
6. ALL EXISTING SIGNS WITHIN THE LIMIT OF SIGNING ARE TO BE REMOVED UNLESS OTHERWISE NOTED ON THE PLAN OR OTHERWISE DIRECTED BY THE ENGINEER. THE PERMANENT REMOVAL AND/OR RELOCATION OF ALL EXISTING SIDE MOUNTED SIGNS IS PAYABLE UNDER ITEM 1206023A, REMOVAL AND RELOCATION OF EXISTING SIGNS.
7. EXACT SIGN LOCATIONS TO BE VERIFIED BY THE ENGINEER.
8. WHEN A SIGN IS TO BE REPLACED, THE EXISTING SIGN SHOULD NOT BE REMOVED UNTIL THE REPLACEMENT SIGN IS INSTALLED.
9. ALL STREET NAME SIGNS WITHIN THE PROJECT LIMITS SHALL BE RELOCATED ONTO NEW BREAKAWAY SIGN POSTS. THIS RELOCATION AND NEW SIGN POSTS ARE PAYABLE UNDER ITEM 1206023A, "REMOVAL AND RELOCATION OF EXISTING SIGNS".
10. INSTALL SIGNS AND METAL SIGN POSTS IN ACCORDANCE WITH TRAFFIC STANDARD SHEETS TR-1208_01 "SIGN SUPPORT AND SIGN PLACEMENT DETAILS, GORE EXIT SIGN" AND TR-1208_02 "METAL SIGN POSTS AND SIGN MOUNTING DETAILS".
11. THE REMOVAL OF EXISTING OVERHEAD SIGNS, OVERHEAD SIGN SUPPORTS, AND OVERHEAD SIGN FOUNDATIONS IS PAYABLE UNDER ITEM 1206011 "REMOVAL OF EXISTING OVERHEAD SIGNING".
12. SIGNS SHALL BE INSTALLED NO CLOSER THAN 10 FEET FROM UTILITY POLES.
13. PARAPET MOUNTED SIGNS ARE PAYABLE UNDER ITEM 1203760, "PARAPET MOUNTED SIGN SUPPORT."
14. REMOVAL AND RELOCATION OF BRONZE BRIDGE PLAQUE TO BE PAID UNDER ITEM #1206023A "REMOVAL AND RELOCATION OF EXISTING SIGNS" (1)

(A) INSTALL NEW EXTRUDED ALUMINUM SIGN ON NEW BRIDGE-MOUNT SUPPORT

(B) INSTALL NEW EXTRUDED ALUMINUM SIGN ON NEW 4 CHORD TRUSS BRIDGE SIGN STRUCTURE.

ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12/13/13	REVISED LIMITS OF SIGING AND MARKINGS	05.05

Filename: TR_036_0183_000_PVT_1_A1.dgn — Border Version: 6/1/05

michael 12/16/2013 3:11:30 PM CADD SPILES

DESIGNER/DRAFTER: KVP
CHECKED BY: MWD
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

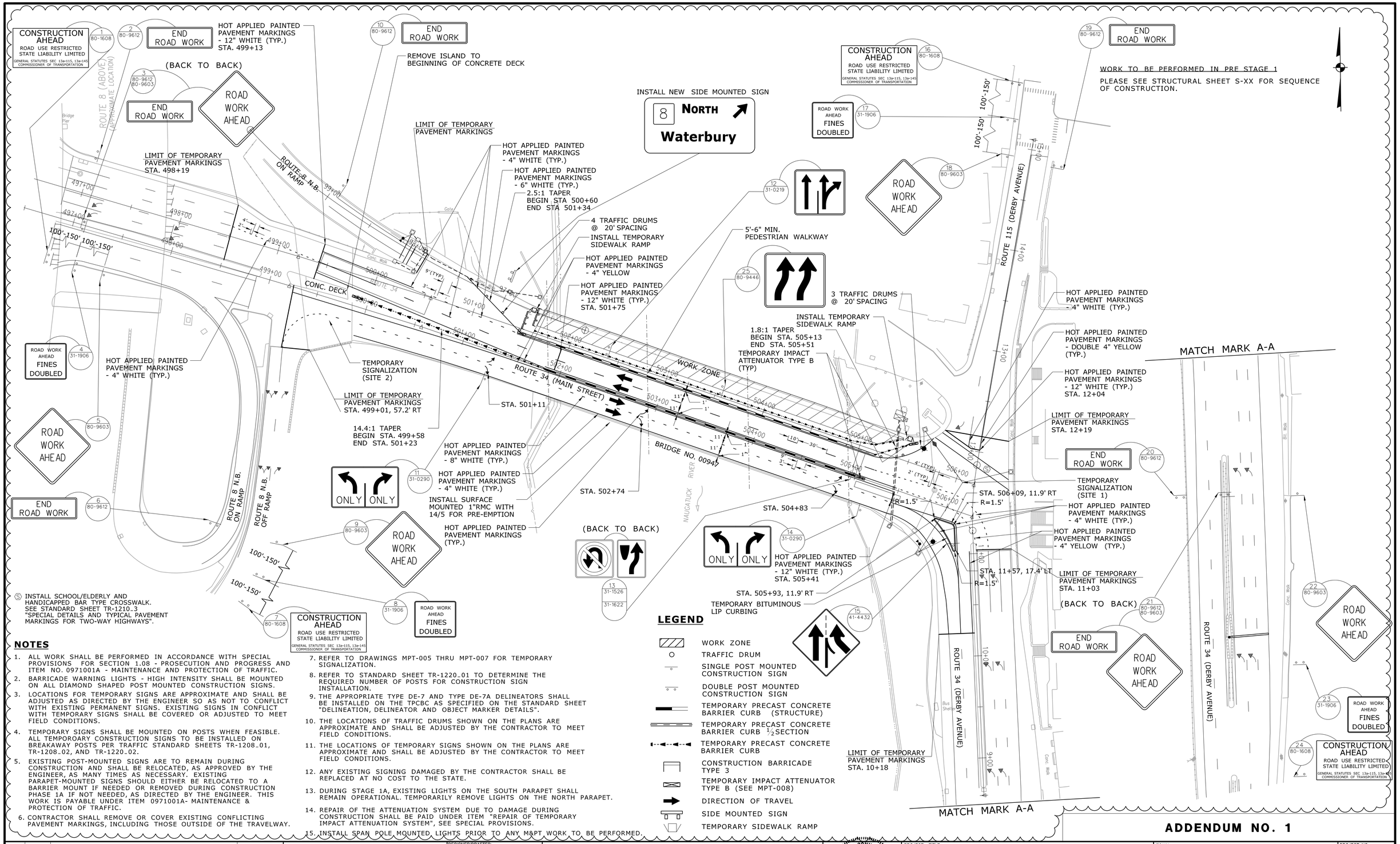
ENGINEER: VN ENGINEERS INC.
APPROVED BY:
DATE:

PROJECT TITLE: REHABILITATION OF BRIDGE NO. 00947 ROUTE 34 OVER NAUGATUCK RIVER

TOWN: DERBY

DRAWING TITLE: SIGNING AND PAVEMENT MARKING PLAN

PROJECT NO. 36-182
DRAWING NO. SPM-001
SHEET NO. 05.05.A1



NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SPECIAL PROVISIONS FOR SECTION 1.08 - PROSECUTION AND PROGRESS AND ITEM NO. 0971001A - MAINTENANCE AND PROTECTION OF TRAFFIC.
2. BARRICADE WARNING LIGHTS - HIGH INTENSITY SHALL BE MOUNTED ON ALL DIAMOND SHAPED POST MOUNTED CONSTRUCTION SIGNS.
3. LOCATIONS FOR TEMPORARY SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER SO AS NOT TO CONFLICT WITH EXISTING PERMANENT SIGNS. EXISTING SIGNS IN CONFLICT WITH TEMPORARY SIGNS SHALL BE COVERED OR ADJUSTED TO MEET FIELD CONDITIONS.
4. TEMPORARY SIGNS SHALL BE MOUNTED ON POSTS WHEN FEASIBLE. ALL TEMPOROARY CONSTRUCTION SIGNS TO BE INSTALLED ON BREAKAWAY POSTS PER TRAFFIC STANDARD SHEETS TR-1208_01, TR-1208_02, AND TR-1220_02.
5. EXISTING POST-MOUNTED SIGNS ARE TO REMAIN DURING CONSTRUCTION AND SHALL BE RELOCATED, AS APPROVED BY THE ENGINEER, AS MANY TIMES AS NECESSARY. EXISTING PARAPET-MOUNTED SIGNS SHOULD EITHER BE RELOCATED TO A BARRIER MOUNT IF NEEDED OR REMOVED DURING CONSTRUCTION PHASE 1A IF NOT NEEDED, AS DIRECTED BY THE ENGINEER. THIS WORK IS PAYABLE UNDER ITEM 0971001A- MAINTENANCE & PROTECTION OF TRAFFIC.
6. CONTRACTOR SHALL REMOVE OR COVER EXISTING CONFLICTING PAVEMENT MARKINGS, INCLUDING THOSE OUTSIDE OF THE TRAVELWAY.
7. REFER TO DRAWINGS MPT-005 THRU MPT-007 FOR TEMPORARY SIGNALIZATION.
8. REFER TO STANDARD SHEET TR-1220_01 TO DETERMINE THE REQUIRED NUMBER OF POSTS FOR CONSTRUCTION SIGN INSTALLATION.
9. THE APPROPRIATE TYPE DE-7 AND TYPE DE-7A DELINEATORS SHALL BE INSTALLED ON THE TPCBC AS SPECIFIED ON THE STANDARD SHEET "DELINEATION, DELINEATOR AND OBJECT MARKER DETAILS".
10. THE LOCATIONS OF TRAFFIC DRUMS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
11. THE LOCATIONS OF TEMPORARY SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
12. ANY EXISTING SIGNING DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT NO COST TO THE STATE.
13. DURING STAGE 1A, EXISTING LIGHTS ON THE SOUTH PARAPET SHALL REMAIN OPERATIONAL. TEMPORARILY REMOVE LIGHTS ON THE NORTH PARAPET.
14. REPAIR OF THE ATTENUATION SYSTEM DUE TO DAMAGE DURING CONSTRUCTION SHALL BE PAID UNDER ITEM "REPAIR OF TEMPORARY IMPACT ATTENUATION SYSTEM", SEE SPECIAL PROVISIONS.
15. INSTALL SPAN POLE MOUNTED LIGHTS PRIOR TO ANY M&PT WORK TO BE PERFORMED.

ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12/13/13	REVISED BARRIER LOCATIONS	05.13

Filename: TR_036_0182_000_MPT_1_A1.dgn — Border Version: 6/1/05

DESIGNER/DRAFTER: KVP
CHECKED BY: MWD
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS INC.
APPROVED BY: DATE:

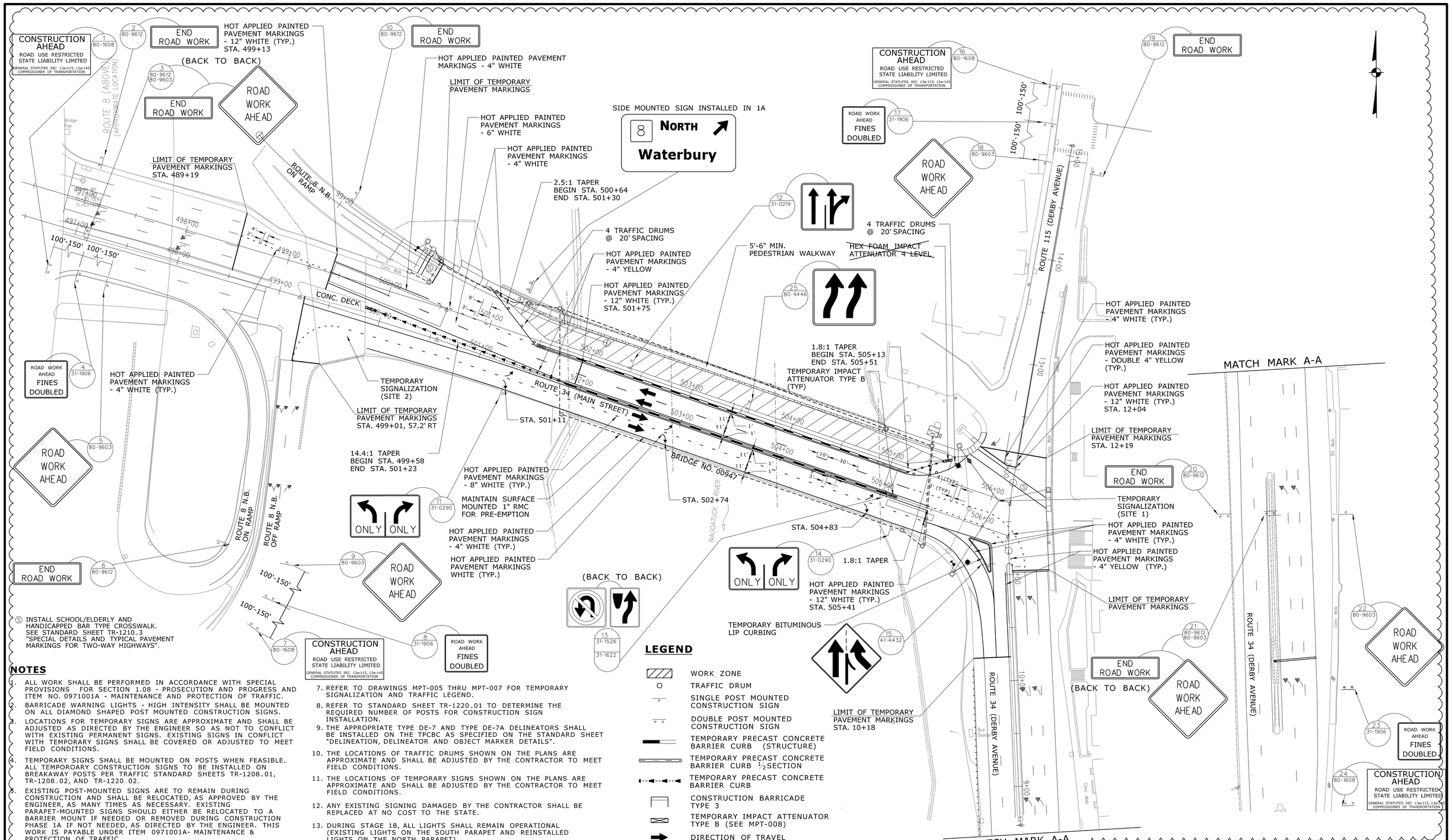
PROJECT TITLE: REHABILITATION OF BRIDGE NO. 00947 ROUTE 34 OVER NAUGATUCK RIVER

TOWN: DERBY

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC STAGE 1A

PROJECT NO. 36-182
DRAWING NO. MPT-001
SHEET NO. 05.13.A1

michael 12/16/2013 3:11:45 PM CADD STILES



Ⓢ INSTALL SCHOOL/ELDERLY AND HANDICAPPED BAR TYPE CROSSWALK. SEE STANDARD SHEET TR-1210_3 "SPECIAL DETAILS AND TYPICAL PAVEMENT MARKINGS FOR TWO-WAY HIGHWAYS".

NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SPECIAL PROVISIONS FOR SECTION 1.08 - PROSECUTION AND PROGRESS AND ITEM NO. 0971001A - MAINTENANCE AND PROTECTION OF TRAFFIC.
2. BARRICADE WARNING LIGHTS - HIGH INTENSITY SHALL BE MOUNTED ON ALL DIAMOND SHAPED POST MOUNTED CONSTRUCTION SIGNS.
3. LOCATIONS FOR TEMPORARY SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER SO AS NOT TO CONFLICT WITH EXISTING PERMANENT SIGNS. EXISTING SIGNS IN CONFLICT WITH TEMPORARY SIGNS SHALL BE COVERED OR ADJUSTED TO MEET FIELD CONDITIONS.
4. TEMPORARY SIGNS SHALL BE MOUNTED ON POSTS WHEN FEASIBLE. ALL TEMPORARY CONSTRUCTION SIGNS TO BE INSTALLED ON BREAKAWAY POSTS PER TRAFFIC STANDARD SHEETS TR-1208_01, TR-1208_02, AND TR-1220_02.
5. EXISTING POST-MOUNTED SIGNS ARE TO REMAIN DURING CONSTRUCTION AND SHALL BE RELOCATED, AS APPROVED BY THE ENGINEER, AS MANY TIMES AS NECESSARY. EXISTING PARAPET-MOUNTED SIGNS SHOULD EITHER BE RELOCATED TO A BARRIER MOUNT IF NEEDED OR REMOVED DURING CONSTRUCTION PHASE 1A IF NOT NEEDED, AS DIRECTED BY THE ENGINEER. THIS WORK IS PAYABLE UNDER ITEM 0971001A- MAINTENANCE & PROTECTION OF TRAFFIC.
6. CONTRACTOR SHALL REMOVE OR COVER EXISTING CONFLICTING PAVEMENT MARKINGS, INCLUDING THOSE OUTSIDE OF THE TRAVELWAY.
7. REFER TO DRAWINGS MPT-005 THRU MPT-007 FOR TEMPORARY SIGNALIZATION AND TRAFFIC LEGEND.
8. REFER TO STANDARD SHEET TR-1220_01 TO DETERMINE THE REQUIRED NUMBER OF POSTS FOR CONSTRUCTION SIGN INSTALLATION.
9. THE APPROPRIATE TYPE DE-7 AND TYPE DE-7A DELINEATORS SHALL BE INSTALLED ON THE TPCBC AS SPECIFIED ON THE STANDARD SHEET "DELINEATION, DELINEATOR AND OBJECT MARKER DETAILS".
10. THE LOCATIONS OF TRAFFIC DRUMS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
11. THE LOCATIONS OF TEMPORARY SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
12. ANY EXISTING SIGNING DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT NO COST TO THE STATE.
13. DURING STAGE 1B, ALL LIGHTS SHALL REMAIN OPERATIONAL (EXISTING LIGHTS ON THE SOUTH PARAPET AND REINSTALLED LIGHTS ON THE NORTH PARAPET).
14. REPAIR OF THE ATTENUATION SYSTEM DUE TO DAMAGE DURING CONSTRUCTION SHALL BE PAID UNDER ITEM "REPAIR OF TEMPORARY IMPACT ATTENUATION SYSTEM", SEE SPECIAL PROVISIONS.

ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12/13/13	REVISED BARRIER LOCATIONS	05.14

Filename: TR_036_0182_000_MPT_1B_A1.dgn — Border Version: 6/1/05

DESIGNER/DRAFTER: KVP
CHECKED BY: MWD
SCALE IN FEET: 0 40 80 — SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS INC.
APPROVED BY: DATE:

STATE OF CONNECTICUT — SOHA N. NIRSAD — No. 16173 — LICENSED PROFESSIONAL ENGINEER

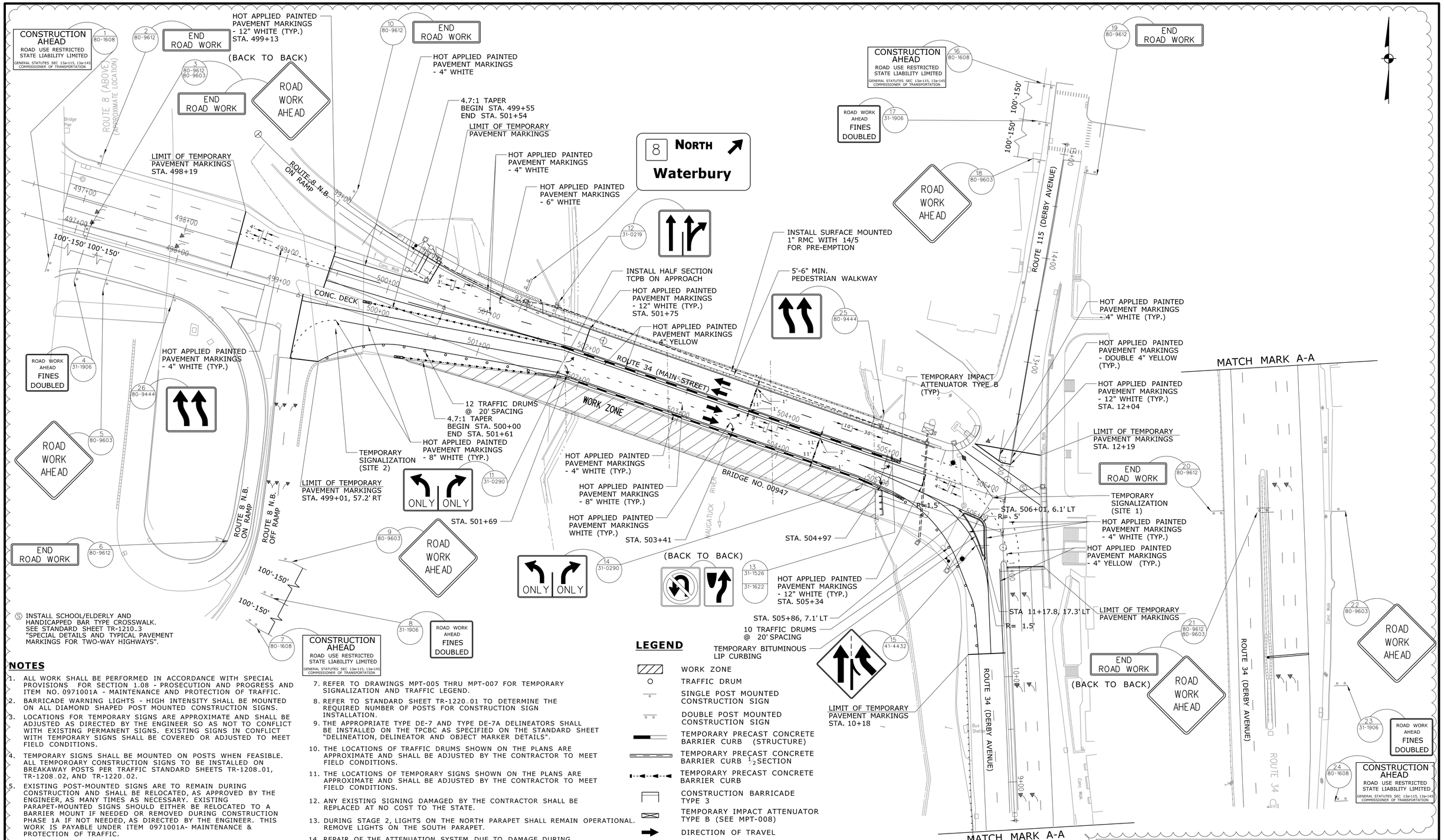
PROJECT TITLE: REHABILITATION OF BRIDGE NO. 00947 ROUTE 34 OVER NAUGATUCK RIVER

TOWN: DERBY

DRAWING TITLE: MAINTENANCE AND PROTECTION OF TRAFFIC STAGE 1B

PROJECT NO. 36-182
DRAWING NO. MPT-002
SHEET NO. 05.14.A1

michael 12/16/2013 3:11:51 PM CADD FILES



Ⓢ INSTALL SCHOOL/ELDERLY AND HANDICAPPED BAR TYPE CROSSWALK. SEE STANDARD SHEET TR-1210_3 "SPECIAL DETAILS AND TYPICAL PAVEMENT MARKINGS FOR TWO-WAY HIGHWAYS".

LEGEND

- WORK ZONE
- TRAFFIC DRUM
- SINGLE POST MOUNTED CONSTRUCTION SIGN
- DOUBLE POST MOUNTED CONSTRUCTION SIGN
- TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE)
- TEMPORARY PRECAST CONCRETE BARRIER CURB ½ SECTION
- TEMPORARY PRECAST CONCRETE BARRIER CURB
- CONSTRUCTION BARRICADE TYPE 3
- TEMPORARY IMPACT ATTENUATOR TYPE B (SEE MPT-008)
- DIRECTION OF TRAVEL
- SIDE MOUNTED SIGN

NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SPECIAL PROVISIONS FOR SECTION 1.08 - PROSECUTION AND PROGRESS AND ITEM NO. 0971001A - MAINTENANCE AND PROTECTION OF TRAFFIC.
2. BARRICADE WARNING LIGHTS - HIGH INTENSITY SHALL BE MOUNTED ON ALL DIAMOND SHAPED POST MOUNTED CONSTRUCTION SIGNS.
3. LOCATIONS FOR TEMPORARY SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER SO AS NOT TO CONFLICT WITH EXISTING PERMANENT SIGNS. EXISTING SIGNS IN CONFLICT WITH TEMPORARY SIGNS SHALL BE COVERED OR ADJUSTED TO MEET FIELD CONDITIONS.
4. TEMPORARY SIGNS SHALL BE MOUNTED ON POSTS WHEN FEASIBLE. ALL TEMPORORARY CONSTRUCTION SIGNS TO BE INSTALLED ON BREAKAWAY POSTS PER TRAFFIC STANDARD SHEETS TR-1208_01, TR-1208_02, AND TR-1220_02.
5. EXISTING POST-MOUNTED SIGNS ARE TO REMAIN DURING CONSTRUCTION AND SHALL BE RELOCATED, AS APPROVED BY THE ENGINEER, AS MANY TIMES AS NECESSARY. EXISTING PARAPET-MOUNTED SIGNS SHOULD EITHER BE RELOCATED TO A BARRIER MOUNT IF NEEDED OR REMOVED DURING CONSTRUCTION PHASE 1A IF NOT NEEDED, AS DIRECTED BY THE ENGINEER. THIS WORK IS PAYABLE UNDER ITEM 0971001A- MAINTENANCE & PROTECTION OF TRAFFIC.
6. CONTRACTOR SHALL REMOVE OR COVER EXISTING CONFLICTING PAVEMENT MARKINGS, INCLUDING THOSE OUTSIDE OF THE TRAVELWAY.
7. REFER TO DRAWINGS MPT-005 THRU MPT-007 FOR TEMPORARY SIGNALIZATION AND TRAFFIC LEGEND.
8. REFER TO STANDARD SHEET TR-1220_01 TO DETERMINE THE REQUIRED NUMBER OF POSTS FOR CONSTRUCTION SIGN INSTALLATION.
9. THE APPROPRIATE TYPE DE-7 AND TYPE DE-7A DELINEATORS SHALL BE INSTALLED ON THE TPCBC AS SPECIFIED ON THE STANDARD SHEET "DELINEATION, DELINEATOR AND OBJECT MARKER DETAILS".
10. THE LOCATIONS OF TRAFFIC DRUMS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
11. THE LOCATIONS OF TEMPORARY SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
12. ANY EXISTING SIGNING DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT NO COST TO THE STATE.
13. DURING STAGE 2, LIGHTS ON THE NORTH PARAPET SHALL REMAIN OPERATIONAL. REMOVE LIGHTS ON THE SOUTH PARAPET.
14. REPAIR OF THE ATTENUATION SYSTEM DUE TO DAMAGE DURING CONSTRUCTION SHALL BE PAID UNDER ITEM "REPAIR OF TEMPORARY IMPACT ATTENUATION SYSTEM", SEE SPECIAL PROVISIONS.

ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12/13/13	REVISED BARRIER LOCATIONS	05.15

Filename: TR_036_0182_000_MPT_2_A1.dgn — Border Version: 8/1/05

mdahael 12/16/2013 3:12:00 PM CADD STILES

DESIGNER/DRAFTER: KVP
CHECKED BY: MWD
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS INC.
APPROVED BY: DATE:

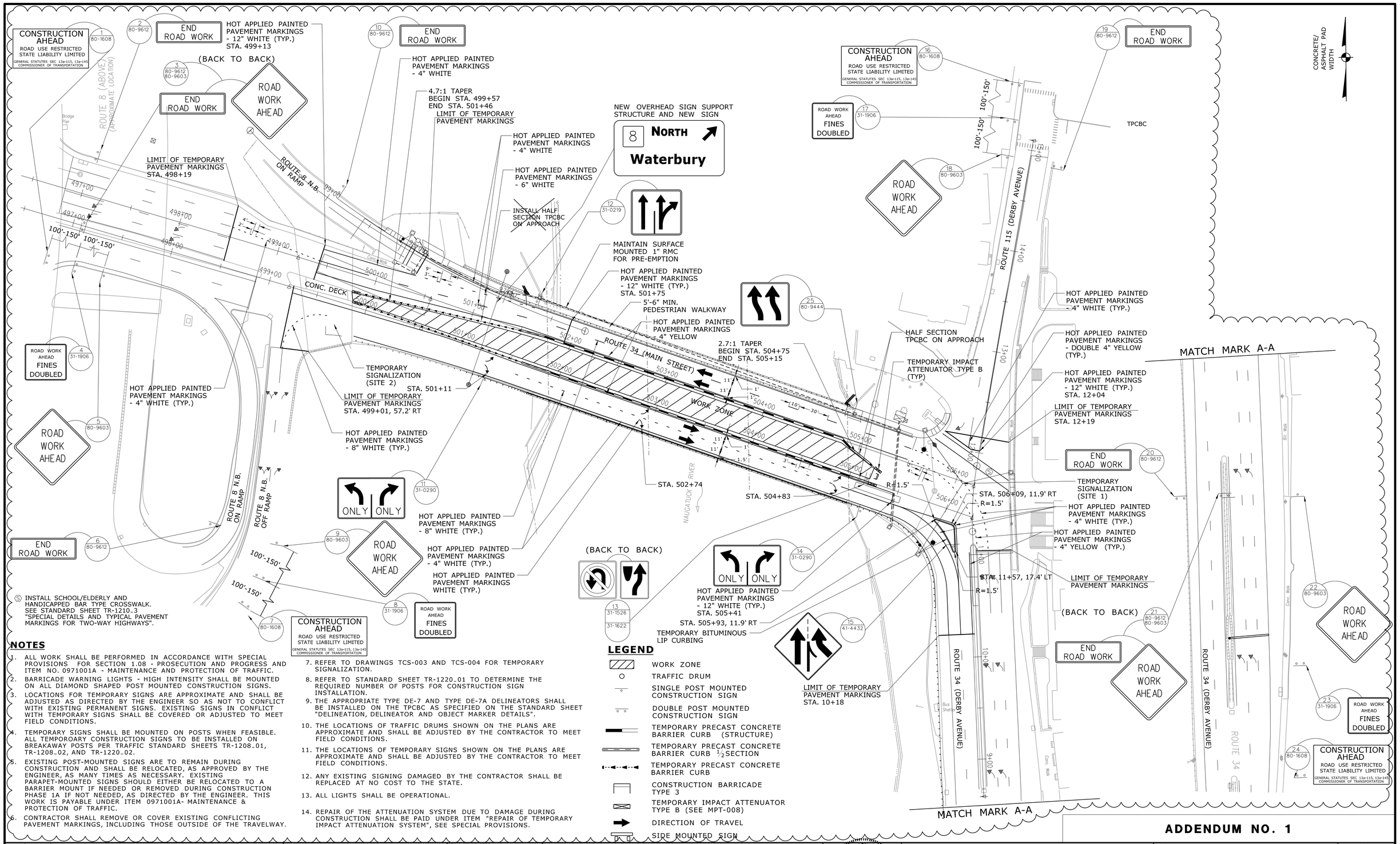
STATE OF CONNECTICUT — VIJAY N. NIRAN — No. 16175 — LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE:
REHABILITATION OF BRIDGE NO. 00947 ROUTE 34 OVER NAUGATUCK RIVER

TOWN: **DERBY**

DRAWING TITLE: **MAINTENANCE AND PROTECTION OF TRAFFIC STAGE 2**

PROJECT NO. **36-182**
DRAWING NO. **MPT-003**
SHEET NO. **05.15.A1**



Ⓢ INSTALL SCHOOL/ELDERLY AND HANDICAPPED BAR TYPE CROSSWALK. SEE STANDARD SHEET TR-1210_3 "SPECIAL DETAILS AND TYPICAL PAVEMENT MARKINGS FOR TWO-WAY HIGHWAYS".

NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SPECIAL PROVISIONS FOR SECTION 1.08 - PROSECUTION AND PROGRESS AND ITEM NO. 0971001A - MAINTENANCE AND PROTECTION OF TRAFFIC.
2. BARRICADE WARNING LIGHTS - HIGH INTENSITY SHALL BE MOUNTED ON ALL DIAMOND SHAPED POST MOUNTED CONSTRUCTION SIGNS.
3. LOCATIONS FOR TEMPORARY SIGNS ARE APPROXIMATE AND SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER SO AS NOT TO CONFLICT WITH EXISTING PERMANENT SIGNS. EXISTING SIGNS IN CONFLICT WITH TEMPORARY SIGNS SHALL BE COVERED OR ADJUSTED TO MEET FIELD CONDITIONS.
4. TEMPORARY SIGNS SHALL BE MOUNTED ON POSTS WHEN FEASIBLE. ALL TEMPORORY CONSTRUCTION SIGNS TO BE INSTALLED ON BREAKAWAY POSTS PER TRAFFIC STANDARD SHEETS TR-1208_01, TR-1208_02, AND TR-1220_02.
5. EXISTING POST-MOUNTED SIGNS ARE TO REMAIN DURING CONSTRUCTION AND SHALL BE RELOCATED, AS APPROVED BY THE ENGINEER, AS MANY TIMES AS NECESSARY. EXISTING PARAPET-MOUNTED SIGNS SHOULD EITHER BE RELOCATED TO A BARRIER MOUNT IF NEEDED OR REMOVED DURING CONSTRUCTION PHASE 1A IF NOT NEEDED, AS DIRECTED BY THE ENGINEER. THIS WORK IS PAYABLE UNDER ITEM 0971001A- MAINTENANCE & PROTECTION OF TRAFFIC.
6. CONTRACTOR SHALL REMOVE OR COVER EXISTING CONFLICTING PAVEMENT MARKINGS, INCLUDING THOSE OUTSIDE OF THE TRAVELWAY.
7. REFER TO DRAWINGS TCS-003 AND TCS-004 FOR TEMPORARY SIGNALIZATION.
8. REFER TO STANDARD SHEET TR-1220_01 TO DETERMINE THE REQUIRED NUMBER OF POSTS FOR CONSTRUCTION SIGN INSTALLATION.
9. THE APPROPRIATE TYPE DE-7 AND TYPE DE-7A DELINEATORS SHALL BE INSTALLED ON THE TPCBC AS SPECIFIED ON THE STANDARD SHEET "DELINEATION, DELINEATOR AND OBJECT MARKER DETAILS".
10. THE LOCATIONS OF TRAFFIC DRUMS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
11. THE LOCATIONS OF TEMPORARY SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE ADJUSTED BY THE CONTRACTOR TO MEET FIELD CONDITIONS.
12. ANY EXISTING SIGNING DAMAGED BY THE CONTRACTOR SHALL BE REPLACED AT NO COST TO THE STATE.
13. ALL LIGHTS SHALL BE OPERATIONAL.
14. REPAIR OF THE ATTENUATION SYSTEM DUE TO DAMAGE DURING CONSTRUCTION SHALL BE PAID UNDER ITEM "REPAIR OF TEMPORARY IMPACT ATTENUATION SYSTEM", SEE SPECIAL PROVISIONS.

LEGEND

- WORK ZONE
- TRAFFIC DRUM
- SINGLE POST MOUNTED CONSTRUCTION SIGN
- DOUBLE POST MOUNTED CONSTRUCTION SIGN
- TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE)
- TEMPORARY PRECAST CONCRETE BARRIER CURB ½ SECTION
- TEMPORARY PRECAST CONCRETE BARRIER CURB
- CONSTRUCTION BARRICADE TYPE 3
- TEMPORARY IMPACT ATTENUATOR TYPE B (SEE MPT-008)
- DIRECTION OF TRAVEL
- SIDE MOUNTED SIGN

ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12/13/13	REVISED BARRIER LOCATIONS	05.16

Filename: TR_038_0182_000_MPT_3_A1.dgn — Border Version: 6/1/05

DESIGNER/DRAFTER: **KVP**
CHECKED BY: **MWD**
SCALE IN FEET 0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: **VN ENGINEERS INC.**
APPROVED BY: DATE:

STATE OF CONNECTICUT — SALA N. NIRANJAN — No. 16175 — LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE: **REHABILITATION OF BRIDGE NO. 00947 ROUTE 34 OVER NAUGATUCK RIVER**

TOWN: **DERBY**

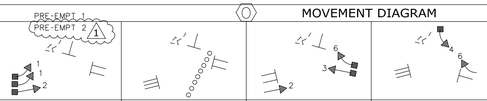
DRAWING TITLE: **MAINTENANCE AND PROTECTION OF TRAFFIC STAGE 3**

PROJECT NO. **36-182**
DRAWING NO. **MPT-004**
SHEET NO. **05.16.A1**

michael 12/16/2013 3:12:15 PM CADD FILES

MOVEMENT DIAGRAM

NONE



NTOR		PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
	FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
FACE # 1	R				←	←Y	R	R	R	R	R	R	R	R	R	R									
2	R				G	(1)Y	(1)R	R	R	R	G	Y	R	R	R	R									
3	R				R	R	R	R	R	R	G	Y	R	R	R	R									
4	R				R	R	R	R	R	R	R	R	R	G	Y	R									
6	R				R	R	R	R	R	(1)R	→	(2)→	(3)→	→	→Y	R (1)									
P	OFF				◄ DW			►◄ WØ ►◄			DW					►◄									
						◄YIELD POINT																			

INTERVALS	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8
MIN GRN		15		9	5			
WALK			7					
PED CLR			19					
VEH EXT		2		2	2			
MAX 1		39		19	22			
MAX 2		48		17	15			
YELLOW		4	4	4	3.9			
RED		3	0	1	1			
ADD INIT								
MAX INIT								
TBR								
TTR								
MIN GAP								
MODE	OFF	MIN-RECALL	NON-LOCK	NON-LOCK	NON-LOCK	OFF	OFF	OFF
INT START		THIS PHASE						

DETECTORS			
IDENT	SIZE (WXL)	TURNS	MODE
D2	6X6	4	PRESENCE
D4,D4A	6X6	4	PRESENCE
D4B	6X6	4	PRESENCE
D4C	12X6	4	PRESENCE
D4D	6X6	4	PRESENCE
D5	VIDEO		PRESENCE
SD2,SD3	6X6	4	PRESENCE
SD4	VIDEO		PRESENCE

PROGRAM		
FUNCTION	TIME	DAYS
MAX 1	ALL OTHER TIMES	
MAX 2	16:00 - 18:00	
FREE	ALL TIMES	

COORDINATION TYPE CLOSED LOOP																			
CYCLE	OFFSET		PHASE SPLITS SEC / %														PERMIS PERIOD		
	SEC	%	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8							Ø	SEC	
110	74	93																	

SYSTEM LOC	TECHNICAL NOTES
MASTER	STANDARD OVERLAP SKIP FEATURES APPLY
106-215	
106-217	(1) TO BE G IF PHASE 4 NEXT
106-208	(2) TO BE R ►Y◄ IF PHASE 2 NEXT
106-214	(3) TO BE R IF PHASE 2 NEXT
106-209	
106-210	D4D TO BE USED AS LOCAL AND SYSTEM DETECTOR.
036-210	PRE-EMPTION TO BE INOPERATIVE DURING FLASHING OPERATION
036-207	PRE-EMPT 2 CALLED OVER HARDWIRE (1)
036-213	THROUGH 14/5 CABLE FROM FIREHOUSE (1)
036-209	
036-205	

LEGEND:

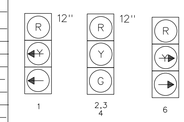
R	RED	◄R►	RED ARROW
Y	YELLOW	◄Y►	YELLOW ARROW
G	GREEN	◄—	GREEN ARROW
FL.	FLASHING	WØ	WALK/ PED. CLR
		D.W.	DON'T WALK

DIVISION OF TRAFFIC ENGINEERING CADD

ENERGY BY	STATE	ADDRESS # 000	
MAINT LEVEL	1	SERVICE POLE	U.I. 1571
METERED SERVICE			

INTERSECTION # 036-205

SIGNAL FACES



RED INDICATION ON SIGNAL FACE 6 HAS STRAIGHT VANE LOUVERS.

ALL INDICATIONS TO HAVE LED LAMPS.

PRE-EMPTION SETTINGS

	PRE-EMPT 1	PRE-EMPT 2
PRIORITY	NO	NO
DET. LOCK	YES	YES
DELAY	0	0
ALT. MIN. GRN	5	5
ALT. YELLOW	PARENT	PARENT
ALT. RED	PHASE	PHASE
ALT. PED. CLR.	19	19
HOLD GREEN	15	35 (1)
HOLD YELLOW	4	4
HOLD RED	3	3
HOLD PHASE	2	2
EXIT PHASE	4	4
EXIT CALL	NONE	NONE

OFFICE RECORD

STC # SM #

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION
DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL

CITY OF DERBY
ROUTE 34 AT ROUTE 115 (DERBY AVE.)

REV #	TRAFFIC		ELECTRICAL	
		DATE		DATE
ENGINEER	VN ENGINEERS		VN ENGINEERS	
DRAWN BY				
CHECKED BY				
SUBMITTED BY				
APPROVED BY				
DATE				

CONSTRUCTION NOTES :

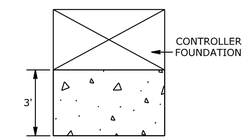
ALL TRAFFIC SIGNAL EQUIPMENT IS EXISTING EXCEPT AS NOTED.

CONTRACTOR TO CONTACT CTDOT SIGNAL LABORATORY PRIOR TO MAKING FIELD REVISIONS WITH PRE-EMPTION EQUIPTMENT.

INSTALL LOOP DETECTORS IN THE CENTER OF THE LANE AND 8' APART UNLESS OTHERWISE SPECIFIED.

REPLACE ENTIRE SECTION OF SIDEWALK DAMAGED DUE TO INSTALLATION OF CONDUIT, HANDHOLE OR FOUNDATION.

REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO FOUNDATIONS, HANDHOLES, CONDUIT RISERS & CABLE, MESSENGER & INTERCONNECT, STEEL POLES, AND WOOD POLES.



INSTALL CONCRETE SIDEWALK ON CABINET DOOR SIDE OF CONTROLLER FOUNDATION TO THE DIMENSIONS SHOWN ABOVE.

CABINET DOOR TO OPEN FIELD SIDE.

(H) INSTALL NEW COMBINATION SPAN POLE TO ACCOMMODATE SIDEWALK RECONSTRUCTION. REINSTALL SPAN WIRE WITH SIGNAL HEADS 3 AND 6 AND THE CABLE CLOSURE. INSTALL NEW PUSHBUTTON AND NEW LED PEDESTRIAN SIGNAL HEAD ON THE POLE.

(I) INSTALL NEW TRAFFIC SIGNAL CONTROLLER, CABINET, AND AUXILIARY EQUIPMENT CABINET TO ACCOMMODATE SIDEWALK RECONSTRUCTION.

(J) INSTALL 2" RMC AS SHOWN TO CONNECT TO NEW CONTROLLER CABINET, SIGNAL POLES, AND HANDHOLES.

(K) INSTALL 1-1/2" RMC FROM UI 1571 TO NEW CONTROLLER CABINET.

(L) REMOVE EXISTING SIGNAL HEADS ON THIS SPAN AND SAVE (TO RESTORE FOR THE FINAL CONDITION). INSTALL TEMPORARY SIGNAL HEADS 4 AND 6 AS SHOWN.

(M) INSTALL 2" RMC TO CONNECT EXISTING CONDUIT TO NEW HANDHOLE AS SHOWN.

(O) ADJUST SIGNAL PHASING AND TIMINGS WITH TEMPORARY SETTINGS AS SHOWN.

(P) REMOVE EXISTING SIGNAL HEADS AND REMOVE EXISTING PUSH BUTTONS.

(Q) INSTALL 1' RMC SURFACE MOUNTED WITH THE 14/5 ACROSS BRIDGE FOR PRE-EMPTION.

REFER TO LIGHTING PLANS FOR WIRING OF LUMINAIRES ON TRAFFIC SIGNAL POLES

TWO WEEKS PRIOR TO INSTALLATION CONTACT UNITED ILLUMINATING

REPRESENTATIVE BRIAN FITOL AT (203) 926-4831 AND AT&T

REPRESENTATIVE MICHAEL BRECHER AT (203) 238-5201.

TEMPORARY REVISIONS TO THE INTERSECTION ARE PAYABLE UNDER ITEM 1118051 "TEMPORARY SIGNALIZATION (SITE 1)"

REFER TO SPECIAL PROVISION FOR TEMPORARY SIGNALIZATION SITE 1 FOR A DESCRIPTION OF ADJUSTMENTS FOR MPT PHASES 1B, 2, AND 3.

BRIDGE APPROACHES SHALL BE ACTUATED USING VIDEO DETECTION, CONTRACTOR TO INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION AND ENSURE FULL FUNCTIONAL OPERATION.

(R) INSTALL 14/5 FOR PRE-EMPTION.

(U) INSTALL NEW OPTICAL DETECTOR ON GUY WIRE FOR UI 1772 FACING SOUTHBOUND INSTALL 14/5 CABLE IN SAME GAIN AS INTERCONNECT CABLE BETWEEN UI 1772 AND UI 1097.

(V) INSTALL 14/5 IN EXISTING CONDUIT FOR PRE-EMPTION TO NEW CABINET.

SIGN LEGEND

(A) SIGNAL MTD. 31-0135 ( )
(B) SIGNAL MTD. 31-0139 ( )
(D) 31-0223 ( )
(E) 31-0290 ( )
(F) 31-0309 ( )
(H) 31-1526 (KEEP RIGHT) — BACK TO BACK
31-1622 (NO U-TURN)

NOTES:

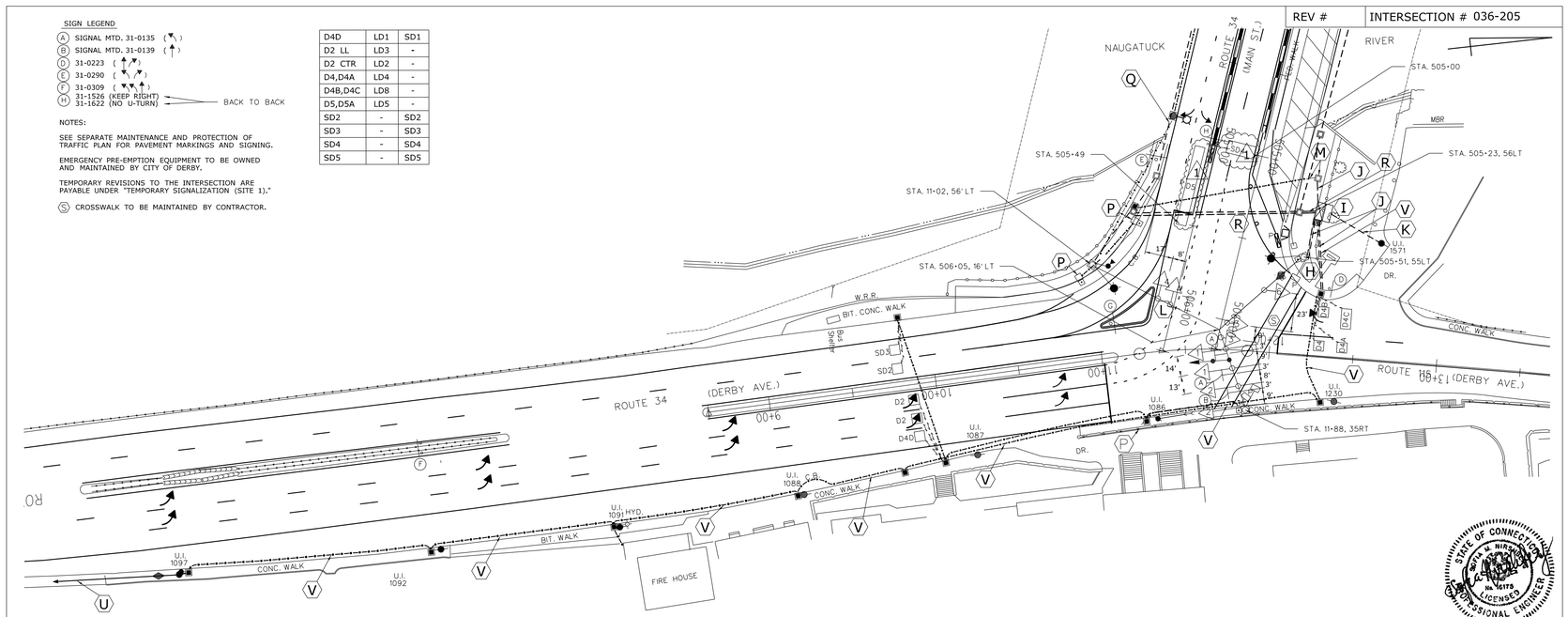
SEE SEPARATE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR PAVEMENT MARKINGS AND SIGNING.

EMERGENCY PRE-EMPTION EQUIPMENT TO BE OWNED AND MAINTAINED BY CITY OF DERBY.

TEMPORARY REVISIONS TO THE INTERSECTION ARE PAYABLE UNDER "TEMPORARY SIGNALIZATION (SITE 1)."

(S) CROSSWALK TO BE MAINTAINED BY CONTRACTOR.

D4D	LD1	SD1
D2 LL	LD3	-
D2 CTR	LD2	-
D4,D4A	LD4	-
D4B,D4C	LD8	-
D5,D5A	LD5	-
SD2	-	SD2
SD3	-	SD3
SD4	-	SD4
SD5	-	SD5



REV #	INTERSECTION # 036-205

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DATE PLOTTED 12/16/2013

ADDENDUM NO. 1

SCALE 1" = 40'

PROPOSED WOOD SPAN POLE
EXISTING WOOD SPAN POLE
PROPOSED STEEL SPAN POLE
EXISTING STEEL SPAN POLE
PROPOSED UTILITY POLE
EXISTING UTILITY POLE
PEDESTRIAN SIGNAL FACE
AUDIBLE PEDESTRIAN SIGNAL
PROPOSED CONTROLLER
TRAFFIC SIGNAL FACE
PEDESTRIAN PUSH BUTTON & SIGN
PEDESTAL MOUNTING
PROPOSED R.M.C. (RIGID METAL CONDUIT)
EXISTING R.M.C. (RIGID METAL CONDUIT)
DET. LEADS IN SAW CUT
AUXILIARY TERMINATION CABINET
AUXILIARY EQUIPMENT CABINET
VIDEO DETECTOR
OPTICAL DETECTOR
SYSTEM DETECTOR
EXISTING CONTROLLER
PROPOSED HANDHOLE
EXISTING HANDHOLE
SIDEWALK RAMP
SONIC DETECTOR
GUY WIRE
LOOP DETECTOR
MAGNETIC DETECTOR
CABLE CLOSURE

DRAWN BY : KVP

DESIGNED BY : MWD

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

CITY OF DERBY
ROUTE 34 AT ROUTE 115 (DERBY AVE.)

NO.	DATE	INIT.	DESCRIPTION
1	12/13/13		TIMING PHASING

REVISIONS

REV # | INTERSECTION # 036-205

OFFICE OF ENGINEERING

TOWN: CITY OF DERBY

DRAWING TITLE: TEMPORARY TRAFFIC CONTROL SIGNAL PLAN - SITE 1 STAGE 1A

PROJECT NO. 36-182

DRAWING NO. MPT-005

SHEET NO. 05.17.A1

Border Version 11/14/08

MOVEMENT DIAGRAM

NONE

PRE-EMPT 1

NTOR		PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
	FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
FACE # 1	Y				G	Y	R				R	R	R	R	R	R									
2	Y				G	Y	R				R	R	R	R	R	R									
3	R				R	R	R				G	G	G	G	Y	R									
5	Y				G	G	G				G	Y	R	R	R	R									
P	OFF				◄ DW ►						◄ DW ►			◄ WØ ►	◄ DW ►										
						YIELD POINT																			
INTERVALS MIN GRN					15						9			15											
WALK														7											
PED CLR														8											
VEH EXT					3						2			2											
MAX 1					45						20			20											
MAX 2					40						25			25											
YELLOW						3						3			3										
RED							2						2			2									
ADD INIT																									
MAX INIT																									
TBR																									
TTR																									
MIN GAP																									
MODE		OFF			MIN-RECALL			OFF			NON-LOCK			NON-LOCK			OFF			OFF			OFF		
INT START					THIS PHASE																				

ENERGY BY	STATE	ADDRESS #	000
MAINT LEVEL	1	SERVICE POLE	U.I. 175
METERED SERVICE			

INTERSECTION # 036-217

SIGNAL FACES

P

R Y G — 12" — 1,2,3,5

ALL INDICATIONS HAVE LED EXCEPT PEDESTRIAN.

PRE-EMPTION SETTINGS

	PRE-EMPT 1	PRE-EMPT 2
PRIORITY	NO	NO
DET. LOCK	YES	YES
DELAY	0	0
ALT. MIN. GRN	5	5
ALT. YELLOW	PARENT	PARENT
ALT. RED	PARENT	PARENT
ALT. PED. CLR.	8	8
HOLD GREEN	15	15
HOLD YELLOW	3	3
HOLD RED	2	2
HOLD PHASE	2	2
EXIT PHASE	4	4
EXIT CALL	NONE	NONE

1

OFFICE RECORD

STC # SM #

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & CONSTRUCTION
DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL
CITY OF DERBY
ROUTE 34 AT ROUTE 8 N.B. RAMPS

REV #	TRAFFIC		ELECTRICAL	
		DATE		DATE
ENGINEER				
DRAWN BY				
CHECKED BY				
SUBMITTED BY				
APPROVED BY				
DATE				

VN ENGINEERS

DETECTORS

IDENT	SIZE (WXL)	TURNS	MODE
D2	14X6	3	PRESENCE
D2A	VIDEO	3	PRESENCE
D4	6X6	3	PRESENCE
D4A	9X6	3	8" DELAY
D4B	12X6	3	8" DELAY
D4C	19X6	3	3" DELAY

PROGRAM / COORDINATION TYPE TIME CLOCK/TBC

FUNCTION	TIME	DAYS	CYCLE	OFFSET SEC	OFFSET %	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	PERMIS PERIOD Ø	PERMIS PERIOD SEC
MAX 1	ALL OTHER TIMES	DAILY													
MAX 2	11:00-17:00	ST-SN													
CYC 1	ALL OTHER TIMES	DAILY	80	6	2.7										
CYC 2	11:00-17:00	ST-SN	80	10	13										

TECHNICAL NOTES

SYSTEM LOC MASTER	TECHNICAL NOTES
036-204	DETECTOR D4C TO FORCE OFF TO PHASE 4 IF OCCUPIED FOR 3 SEC.
036-217	DETECTORS D2 & D2A TO BE INOPERATIVE DURING COORDINATION.
036-203	PEDESTRIAN ACTUATION TO CALL PHASE 5 AND OMIT PHASE 4.
036-202	PHASE 4 ON TO OMIT PHASE 5.
036-201	DETECTORS D4, D4A, D4B, D4C TO CALL AND EXTEND PHASE 4 AND EXTEND PHASE 5 ONLY.
	PRE-EMPTION TO BE INOPERATIVE DURING FLASHING OPERATION 1

LEGEND:

R RED
Y YELLOW
G GREEN
FL. FLASHING

◄R► RED ARROW
◄Y► YELLOW ARROW
◄G► GREEN ARROW
WØ WALK/ PED. CLR
D.W. DON'T WALK

DIVISION OF TRAFFIC ENGINEERING — CADD

CONSTRUCTION NOTES :

ALL TRAFFIC SIGNAL EQUIPMENT IS EXISTING EXCEPT AS NOTED.

CONTRACTOR TO CONTACT CTDOT SIGNAL LABORATORY PRIOR TO MAKING FIELD REVISIONS WITH PRE-EMPTION EQUIPTMENT.

REMOVE FLASHING OPERATION FROM THE SIGNAL PHASING FOR TEMPORARY CONDITION.

(M) REMOVE WESTBOUND RIGHT TURN ARROW SIGNAL HEADS.

TEMPORARY REVISIONS TO THE INTERSECTION ARE PAYABLE UNDER ITEM 1118052 "TEMPORARY SIGNALIZATION (SITE 2)"

REFER TO SPECIAL PROVISION FOR TEMPORARY SIGNALIZATION SITE 2 FOR A DESCRIPTION OF ADJUSTMENTS FOR MPT PHASES 1B, 2, AND 3.

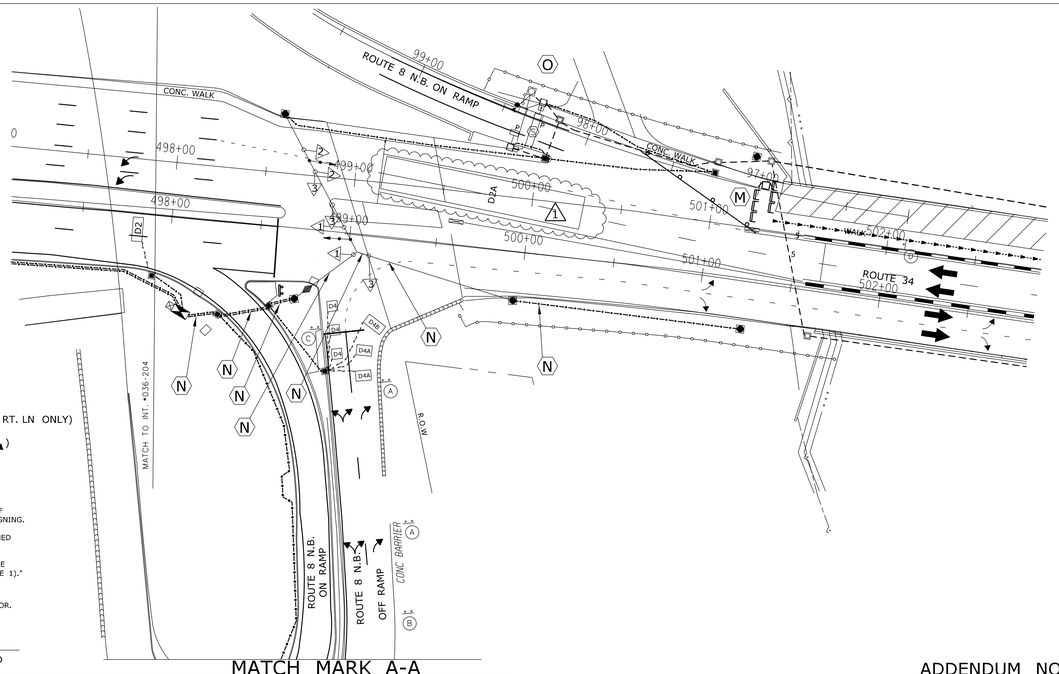
BRIDGE APPROACHES SHALL BE ACTUATED USING VIDEO DETECTION, CONTRACTOR TO INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION AND ENSURE FULL FUNCTIONAL OPERATION.

(L) INSTALL 1" RMC SURFACE MOUNTED WITH 14 / 5 TO BRIDGE. RELOCATE AS NECESSARY THROUGHOUT STAGING.

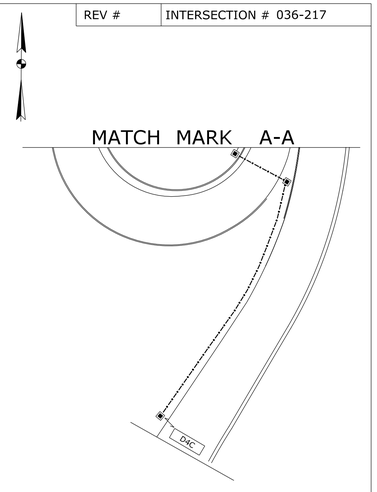
(N) INSTALL 14 / 5 FOR PRE-EMPTION.

(O) INSTALL MAST ARM, FOUNDATION, SIGNAL HEADS AND OPTICAL DETECTOR AS SHOWN ON FINAL SIGNAL PLAN.

(Q) INSTALL 1' RMC SURFACE MOUNTED WITH THE 14/5 ACROSS BRIDGE FOR PRE-EMPTION.



MATCH MARK A-A



MATCH MARK A-A

SIGN LEGEND :

(A) 31-0269 ( )
(B) 31-0849 (RT. TN. ON RED FROM RT. LN ONLY)
(C) 31-0801 (STOP HERE ON RED)
(D) 30-0219 ( )

NOTES:

SEE SEPARATE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR PAVEMENT MARKINGS AND SIGNING.

EMERGENCY PRE-EMPTION EQUIPMENT TO BE OWNED AND MAINTAINED BY CITY OF DERBY.

TEMPORARY REVISIONS TO THE INTERSECTION ARE PAYABLE UNDER "TEMPORARY SIGNALIZATION (SITE 1)."

(S) CROSSWALK TO BE MAINTAINED BY CONTRACTOR.

SPAN POLE DATA

32'- 22" B.C. 10,000 LBS LOAD AT YIELD

STATE OF CONNECTICUT — SOMA N. NIRMAL — No. 16175 — LICENSED PROFESSIONAL ENGINEER

ADDENDUM NO. 1

SCALE 1" = 40'

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DATE PLOTTED 12/16/2013

- PROPOSED WOOD SPAN POLE
- EXISTING WOOD SPAN POLE
- PROPOSED STEEL SPAN POLE
- EXISTING STEEL SPAN POLE
- PROPOSED UTILITY POLE
- EXISTING UTILITY POLE
- PEDESTRIAN SIGNAL FACE
- AUDIBLE PEDESTRIAN SIGNAL
- PROPOSED CONTROLLER
- TRAFFIC SIGNAL FACE
- PEDESTRIAN PUSH BUTTON & SIGN
- PEDESTAL MOUNTING
- PROPOSED R.M.C. (RIGID METAL CONDUIT)
- EXISTING R.M.C. (RIGID METAL CONDUIT)
- DET. LEADS IN SAW CUT
- AUXILIARY TERMINATION CABINET
- AUXILIARY EQUIPMENT CABINET
- VIDEO DETECTOR
- OPTICAL DETECTOR
- SD SYSTEM DETECTOR
- EXISTING CONTROLLER
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- SIDEWALK RAMP
- SONIC DETECTOR
- GUY WIRE
- LOOP DETECTOR
- MAGNETIC DETECTOR
- CABLE CLOSURE

DRAWN BY : KVP

DESIGNED BY : MWD

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

CITY OF DERBY
ROUTE 34 AT ROUTE 8 N.B. RAMPS

REV #	INTERSECTION # 036-217

NO.	DATE	INIT.	DESCRIPTION
1	12/13/13		TIMING PHASING

REVISIONS

OFFICE OF ENGINEERING

TOWN: CITY OF DERBY

DRAWING TITLE: TEMPORARY TRAFFIC CONTROL SIGNAL PLAN - SITE 2 STAGE 1A

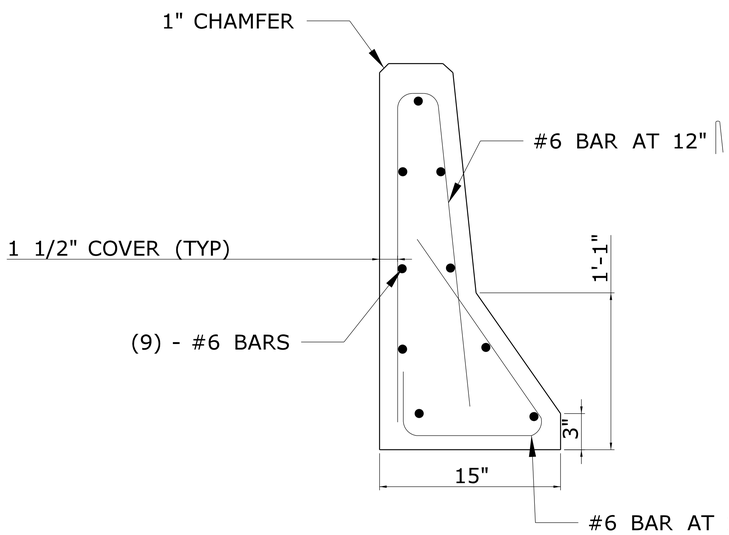
PROJECT NO. 36-182

DRAWING NO. MPT-006

SHEET NO. **05.18.A1**

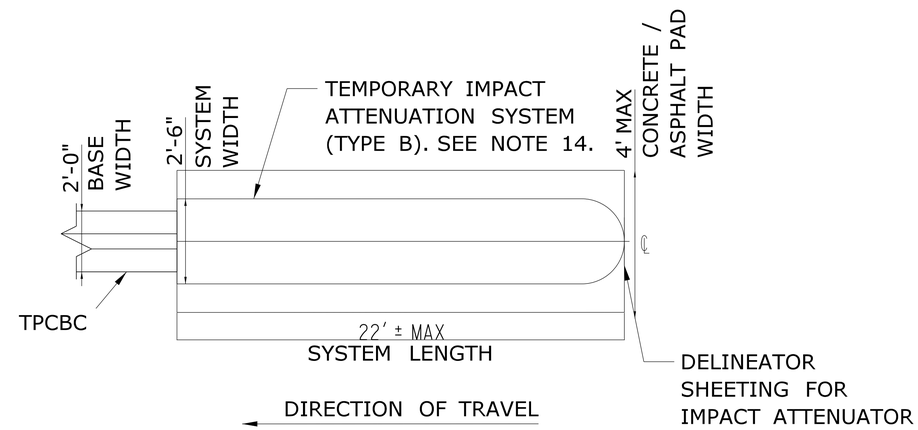
REV # | INTERSECTION # 036-217

Border Version 11/14/08



TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE) 15" X 32" DETAIL

N.T.S.



TEMPORARY IMPACT ATTENUATION SYSTEM TYPE B DETAIL

N.T.S.

NOTES:

1. TEMPORARY PRECAST CONCRETE BARRIER CURB 15" X 32" SHALL BE PAID FOR UNDER ITEM #0822052 TEMPORARY PRECAST CONCRETE HALF-SECTION BARRIER CURB (STRUCTURE)
2. RELOCATION OF TEMPORARY PRECAST CONCRETE BARRIER CURB 15" X 32" SHALL BE PAID FOR UNDER ITEM #0822053 RELOCATE TEMPORARY PRECAST CONCRETE HALF-SECTION BARRIER CURB (STRUCTURE)
3. RELOCATION IMPACT ATTENUATION SYSTEM TYPE B SHALL BE PAID FOR UNDER ITEM #1807201A RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM TYPE B.
4. REPAIRS TO TEMPORARY IMPACT ATTENUATION SYSTEM TYPE B SHALL BE PAID FOR UNDER ITEM #1807202A REPAIR OF TEMPORARY IMPACT ATTENUATION SYSTEM.
5. FOR ALL OTHER BARRIER DETAILS SEE HW-822_01. (1)

ADDENDUM NO. 1

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12/20/13	ADDED NOTE	05.20

Filename: TR_036_0182_000_MPT_DETAILS_A1.dgn — Border Version: 6/1/05

DESIGNER/DRAFTER: KVP
CHECKED BY: MWD
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

ENGINEER: VN ENGINEERS INC.
APPROVED BY: DATE:

PROJECT TITLE: REHABILITATION OF BRIDGE NO. 00947 ROUTE 34 OVER NAUGATUCK RIVER

TOWN: DERBY

DRAWING TITLE: MAINTENANCE AND PROTECTION DETAILS

PROJECT NO. 36-182
DRAWING NO. MPT-008
SHEET NO. 05.20.A1

michael 12/16/2013 3:12:28 PM CADD FILES