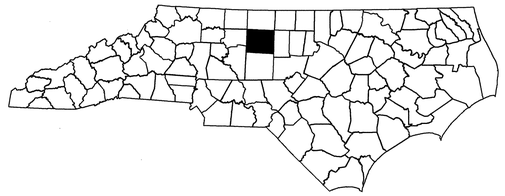
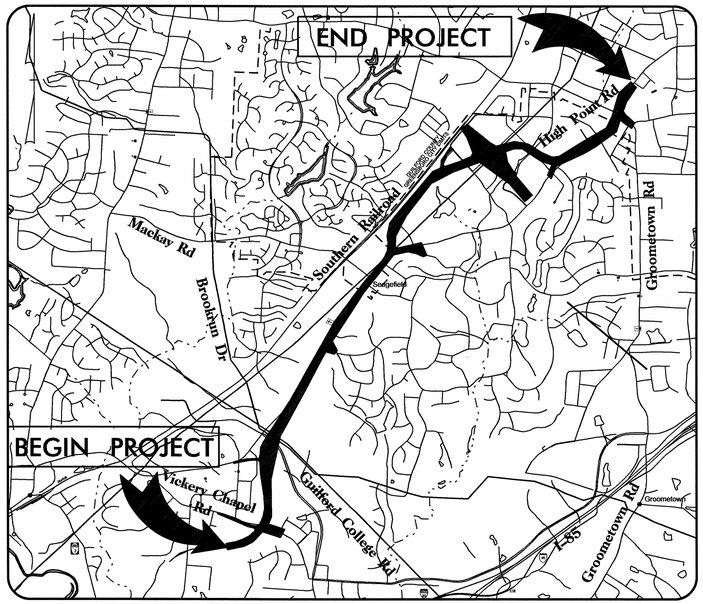
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

GUILFORD COUNTY





VICINITY MAP

LOCATION: SR 4121 (GREENSBORO/HIGH POINT ROAD)
FROM WEST OF VICKERY CHAPEL ROAD TO HILLTOP ROAD

INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, AND TEMPORARY PAVEMENT MARKING
TMP-2, 2A	MANAGEMENT STRATEGIES AND GENERAL NOTES
TMP-3, 3A, 3B	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4 - 30	TEMPORARY TRAFFIC CONTROL PHASE I PLAN SHEETS
TMP-31 - 42	TEMPORARY TRAFFIC CONTROL PHASE II PLAN SHEETS
TMP-43 - 61	TEMPORARY TRAFFIC CONTROL PHASE III PLAN SHEETS
TMP-62 - 67	TEMPORARY TRAFFIC CONTROL PHASE IV PLAN SHEETS
TMP-68 - 77	TEMPORARY TRAFFIC CONTROL PHASE I SECTIONS
TMP-78 - 81	TEMPORARY TRAFFIC CONTROL PHASE II SECTIONS
TMP-82 - 85	TEMPORARY TRAFFIC CONTROL PHASE III SECTIONS
TM-86	TEMPORARY TRAFFIC CONTROL PHASE IV SECTIONS
TMP-87 - 97	DETOURS
SD-1	SPECIAL SIGN DESIGN

SHEET NO.
TMP-1

TIP PROJECT: U-2412B & U-2524AE

WORK ZONE SAFETY & MOBILITY
"from the MOUNTAINS to the COAST"

N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1580 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1580
1020 BIRCH RIDGE DRIVE, RALEIGH, NC 27610 (DELIVERY)
PHONE: (919) 250-4094 FAX: (919) 250-4098

J. S. BOURNE, P.E. — STATE TRAFFIC MANAGEMENT ENGINEER
G. L. GETTIER, P.E. — TRAFFIC CONTROL PROJECT ENGINEER
J. W. WOOLARD, P.E. — TRAFFIC CONTROL PROJECT DESIGN ENGINEER
L. K. DONALDSON, P.E — TRAFFIC CONTROL DESIGN ENGINEER

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

APPROVED: _____
DATE: _____
SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 19862 J. W. WOOLARD, JR.
5/4/12

02-MAY-2012 11:13
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-01_TITLE.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2211B	TMP-1A

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANAUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.06	WARNING SIGNS FOR BLASTING ZONES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - (PERMANENT AND TEMPORARY)
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.
- WORK AREA
- REMOVAL
- USER DEFINED (IF NEEDED)
- USER DEFINED (IF NEEDED)

TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM — SKINNY DRUM — TUBULAR MARKER
- TEMPORARY CRASH CUSHION
- FLASHING ARROW PANEL (TYPE C)
- FLAGGER
- LAW ENFORCEMENT
- TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
- CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

SIGNALS

EXISTING — PROPOSED — TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

PAVEMENT MARKERS

- CRYSTAL/CRYSTAL
- CRYSTAL/RED
- YELLOW/YELLOW

PAVEMENT MARKING SYMBOLS

PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKING

PAINT (24")

P4	WHITE STOPBAR
P5	WHITE CROSSWALK LINE

PAINT (4")

PA	WHITE EDGELINE
PC	10 FT. WHITE SKIP
PD	2 FT. WHITE MINISKIP
PE	WHITE SOLID LANE LINE
PF	10 FT. YELLOW SKIP
PG	2 FT. YELLOW MINISKIP
PH	YELLOW SINGLE CENTER
PI	YELLOW DOUBLE CENTER

PAINT (8")

PR	WHITE GORELINE
PV	YELLOW DIAGONAL

PAINT MARKING CHARACTER

QI	ALPHANUMERIC CHARACTER

COLD APPLIED PLASTIC (4")
TYPE 4 - REMOVABLE TAPE

CA	WHITE EDGELINE
CI	YELLOW DOUBLE CENTER

SECTION LABEL

AA

PLAN VIEW SHEET NUMBER — 04 — 27 — CUT-SECTION VIEW SHEET NUMBER

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

ROADWAY STANDARD DRAWINGS & LEGEND

02-MAY-2012 11:12
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-01A_LEGEND.dgn
donaldson AT TE237459

MANAGEMENT STRATEGIES

PROPOSED ROADWAY WILL BE CONSTRUCTED USING A COMBINATION OF LANE CLOSURES WITH TEMPORARY PORTABLE CONCRETE BARRIER, MULTIPLE TRAFFIC SHIFTS, NIGHT TIME LANE CLOSURES, LOCAL DETOUR ROUTES, WEEKEND CLOSURE OF ONE DIRECTION OF I-73 TO HANG GIRDERS, AND TEMPORARY TRAFFIC SIGNALS.

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) DO NOT CLOSE OF NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
-L-, -Y18-, -Y40-,	6:00 AM - 7:00 PM
-Y41-, -Y21-, -Y53-	SUNDAY THRU SATURDAY

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

HOLIDAY

1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.

2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31st TO 7:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00 P.M. THE FOLLOWING TUESDAY.

3. FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 7:00 P.M. MONDAY.

4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 7:00 P.M. TUESDAY.

5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

   IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.

6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 7:00 P.M. TUESDAY.

7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 7:00 P.M. MONDAY.

8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

9. FOR THE WYNDAM PGA GOLF TOURNAMENT, BETWEEN THE HOURS OF 6:00 A.M. THE MONDAY OF THE WEEK OF THE TOURNAMENT AND 7:00 P.M. THE MONDAY AFTER THE TOURNAMENT

10. FOR THE FURNITURE MARKETS, BETWEEN THE HOURS OF 6:00 AM THE FRIDAY BEFORE THE START OF THE FURNITURE MARKETS AND 7:00 PM THE FRIDAY AFTER THE END OF THE FURNITURE MARKETS.

LANE AND SHOULDER CLOSURE REQUIREMENTS

C) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.

D) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

   WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

G) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

H) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

PAVEMENT EDGE DROP OFF REQUIREMENTS

I) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

   BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

   BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

   BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

J) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 100 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

6/18/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

GENERAL NOTES

18-JUN-2012 14:08
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-02.dgn
jwoolard AT TE244740

TRAFFIC PATTERN ALTERATIONS

K) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

L) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

M) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

N) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

N) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

P) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 100 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

Q) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRAFFIC CONTROL PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE TEMPORARY BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE/RESET TEMPORARY BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS, TEMPORARY BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

INSTALL TEMPORARY BARRIER WITH THE TRAFFIC FLOW BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE TEMPORARY BARRIER AGAINST THE TRAFFIC FLOW BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP THE SECTION OF THE ROADWAY CLOSED UNTIL THE TEMPORARY BARRIER CAN BE PLACED OR AFTER THE TEMPORARY BARRIER IS REMOVED.

R) PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED IMPACT ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS:

POSTED SPEED LIMIT	MINIMUM OFFSET
40 OR LESS	15 FT
45 - 50	20 FT
55	25 FT
60 MPH or HIGHER	30 FT

TRAFFIC CONTROL DEVICES

S) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

T) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

U) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

V) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS SHOWN IN THE PAVEMENT MARKING PLAN.

W) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
BRIDGE DECK	REMOVABLE COLD APPLIED PLASTIC, TYPE IV	TEMPORARY RAISED
ROADWAY	PAINT	TEMPORARY RAISED

X) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.

Y) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

Z) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

AA) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION

MISCELLANEOUS

BB) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 200 FT AND 100 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

CC) ALL CURB RAMP LOCATIONS SHALL BE DERIVED FROM STATIONING SHOWN ON PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER IN COORDINATION WITH THE SIGNING AND DELINEATION UNIT.

DD) CONTRACTOR SHALL MAINTAIN SIDEWALK ACCESS AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.).

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR.

6/18/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

GENERAL NOTES

18-JUN-2012 14:09
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-02b.dgn
jwoolard AT TE24740

PHASING

NOTE: MAINTAIN TRAFFIC FOR ALL DRIVEWAYS AND SECONDARY ROADS THROUGHOUT THE PROJECT FOR THE DURATION OF THE PROJECT.

PHASE I

STEP 1

PLACE ADVANCED WORK ZONE WARNING SIGNING PER RSD 1101.01 SHEETS 1, 2, AND 3 OF 3.

STEP 2

NOTE: WORK DESCRIBED IN PHASE I, STEP 2.A THROUGH STEP 2.G AND STEP 2.I THROUGH STEP 2.P MAY BEGIN CONCURRENTLY

NOTE: COMPLETE THE WORK OF PHASE I, STEP 2.A THROUGH 2.H BY JULY 15, 2014. SEE PROJECT SPECIAL PROVISIONS FOR MORE INFORMATION AND LIQUIDATED DAMAGES.

A. 1. USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NEEDED, CONSTRUCT RIGHT SIDE OF -Y16- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -Y16- STA. 21+79+/- TO -Y16- STA. 46+80+/- AS SHOWN ON TMP-04 THROUGH TMP-06. PROVIDE WEDGING AS NEEDED TO PROVIDE A SMOOTH TRANSITION FOR EXISTING TRAFFIC.

2. USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NEEDED, COMPLETE TIE-INS OF -Y16- INTO EXISTING ROADWAY UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-07 AND TMP-09. PLACE TEMPORARY PAVEMENT MARKINGS ON RIGHT SIDE OF -Y16- AS SHOWN ON TMP-07 THROUGH TMP-09 AND MARKERS PER RSD 1250.01 SHEET 1 OF 3. PLACE TRAFFIC INTO NEW TEMPORARY TRAFFIC PATTERN.

3. USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NEEDED, CONSTRUCT LEFT SIDE OF -Y16- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -Y16- STA. 21+79+/- TO -Y16- STA. 46+80+/- AS SHOWN ON TMP-07 THROUGH TMP-09. CONSTRUCT -Y52- AND -Y53- INCLUDING TIE-INS OF -Y52- AND -Y53- INTO -Y16- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-07 AND TMP-09. USE TYPE III BARRICADES TO CLOSE -Y53- TO TRAFFIC AS NEEDED TO CONSTRUCT -Y53-.

B. 1. USING RSD 1101.02 SHEET 3 OF 15, CONSTRUCT WIDENING OF OUTSIDE EDGES OF -Y18- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -Y18- STA. 20+85+/- TO -Y18- STA. 29+00+/- AS SHOWN ON TMP-10. PROVIDE WEDGING AS NEEDED TO PROVIDE A SMOOTH TRANSITION FOR EXISTING TRAFFIC. PLACE TEMPORARY PAVEMENT MARKING EDGELINE WHERE EXISTING CURB AND GUTTER IS REMOVED.

2. USING RSD 1101.02 SHEET 3 OF 15, PLACE TEMPORARY PAVEMENT MARKINGS AS ON -Y18- AS SHOWN ON TMP-11 AND MARKERS PER RSD 1250.01 SHEET 1 OF 3. PLACE TRAFFIC INTO NEW TEMPORARY PATTERN.

3. USING RSD 1101.02 SHEET 3 OF 15, REMOVE EXISTING MEDIAN AND CONSTRUCT NEW MEDIAN AS SHOWN ON TMP-11 AND CONSTRUCT WEDGING OF EXISTING ROADWAY UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.

C. AWAY FROM TRAFFIC, CONSTRUCT NEW ROADWAY UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FOR THE FOLLOWING:

-Y45R- FROM STA. 17+00+/- TO TIE-IN AT -L-

-L- FROM LEFT SIDE OF -Y16- SHOWN ON TMP-08 TO RIGHT SIDE OF -Y18- SHOWN ON TMP-10

-L- FROM LEFT SIDE OF -Y18- AS SHOWN ON TMP-10 TO STA. 295+12.5 +/- AS SHOWN ON TMP-12

D. USING RSD 1101.02 SHEETS 2 OF 15 AND 3 OF 15 AS NEEDED, CONSTRUCT RIGHT SIDE OF -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -L- STA. 295+12.5+/- TO -L- STA. 324+00+/- AS SHOWN ON TMP-12 AND TMP-13.

E. 1. USING RSD 1101.02 SHEETS 1 OF 15 AND 2 OF 15 AND FLAGGERS AS NEEDED, CONSTRUCT -L- FROM STA. -L- 324+00+/- TO -L- STA. 324+85+/- AND -Y19- FROM TIE-IN AT -L- TO STA. 13+97.76 UP TO BUT NOT INCLUDING FINAL SURFACE COURSE AS SHOWN ON TMP-13. PROVIDE WEDGING AS NEEDED AT TIE-INS TO EXISTING SCOTLAND RD. TO PROVIDE A SMOOTH TRANSITION FOR EXISTING TRAFFIC.

2. USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NEEDED, PLACE TEMPORARY PAVEMENT MARKINGS ON -Y19- AS SHOWN ON TMP-13 AND MARKERS PER RSD 1250.01 SHEET 1 OF 3, PLACE TRAFFIC INTO NEW TEMPORARY PATTERN. CONSTRUCT TIE-IN OF -Y19- TO EXISTING SCOTLAND RD. AND -L- FROM -L- STA. 324+85+/- TO -L- STA. 326+00+/- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-13.

ICT

F. USING RSD 1101.02 SHEET 2 OF 15 AS NEEDED, CONSTRUCT RIGHT SIDE OF -L- AND WIDENING OF EXISTING -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -L- STA. 326+00+/- TO -L- STA. 344+69+/- AS SHOWN ON TMP-13 THROUGH TMP-15. MAINTAINING EXISTING TRAFFIC ON QUEEN ALICE RD., CONSTRUCT -Y20- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-14.

G. USING RSD 1101.02 SHEETS 1 OF 15, 2 OF 15, 3 OF 15 AND FLAGGERS AS NECESSARY, PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY SIGNALS AS SHOWN ON TMP-31 THROUGH TMP-39 AND MARKERS PER RSD 1250.01 SHEET 1 OF 3 AND PLACE TRAFFIC INTO NEW TRAFFIC PATTERN.

NOTE: COMPLETE THE WORK OF PHASE I, STEP 2.H BETWEEN JUNE 15, 2014 AND JULY 15, 2014. SEE PROJECT SPECIAL PROVISIONS FOR MORE INFORMATION AND LIQUIDATED DAMAGES.

H. 1. USING HIGH POINT RD DETOUR SHOWN ON TMP-88 AND RSD 1101.03 SHEETS 1 AND 2 OF 9, CLOSE INTERSECTION OF EXISTING BONNER DR., HIGH POINT RD. AND MILLS RD.

2. CONSTRUCT NEW ROADWAY -Y45R-, -Y50- AND -Y51- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS ON -Y45R- FROM STA. 19+20+/- TO TIE-IN AT -L- AS SHOWN ON TMP-34. PLACE TEMPORARY PAVEMENT MARKINGS ON -Y50-, -Y51-, AND -Y45- FROM -Y45R- STA. 12+00 TO -Y45R- STA. 19+20+/- MATCHING PATTERN SHOWN IN FINAL PAVEMENT MARKING PLANS. PLACE TEMPORARY PAVEMENT MARKERS PER RSD 1250.01 SHEET 1 OF 3. PLACE NEW SIGNAL AT INTERSECTION OF -Y45R-, -Y50- AND -Y51- AND TEMPORARY SIGNAL AT INTERSECTION OF -Y45R- AND -L-.

3. REMOVE TRAFFIC CONTROL DEVICES USED TO CLOSE THE INTERSECTION FOR CONSTRUCTION AND OPEN -Y45R-, -Y50-, AND -Y51- TO TRAFFIC.

I. USING RSD 1101.02 SHEETS 2 OF 15 AND 3 OF 15 AS NEEDED, CONSTRUCT WIDENING OF EXISTING ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE OF THE FOLLOWING:

LEFT SIDE OF -L- FROM STA. 349+01+/- TO TIE-IN AT -Y21- AS SHOWN ON TMP-15 AND TMP-16

RIGHT SIDE OF -Y21- FROM -Y21- STA. 11+00+/- TO TIE-IN AT -L- AS SHOWN ON TMP-16

J. 1. USING RSD 1101.02 SHEETS 1 OF 15 AND 2 OF 15 AS NEEDED, CONSTRUCT UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-18 FOR THE FOLLOWING:

RIGHT SIDE EDGE OF -Y46- FROM STA. 17+50+/- TO STA. 19+20+/-

-Y24- FROM TIE-IN AT -Y46- TO STA. 14+50+/-

-Y24A- FROM TIE-IN -Y24- TO STA. 10+50+/-

2. USING RSD 1101.02 SHEET 1 OF 15, PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-19 AND MARKERS PER 1250.01 SHEET 1 OF 3 AND PLACE TRAFFIC INTO NEW PATTERN.

3. COMPLETE TIE-INS OF -Y24- AND -Y24A- INTO WAYNE RD UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-19.

K. AWAY FROM TRAFFIC, CONTRACTOR MAY BEGIN CONSTRUCTION OF NEW ROADWAY UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FOR THE FOLLOWING:

-Y46- FROM TIE-IN AT -L- TO STA. 12+50+/- AS SHOWN ON TMP-17 AND TMP-18

-L- FROM STA. 364+50+/- TO 444+19+/- INCLUDING NEW STRUCTURE (TMP-17, TMP-20, TMP-25, TMP-26 AND TMP-27). TO HANG GIRDERS, CLOSE I-73 USING DETOURS SHOWN ON TMP-90 THROUGH TMP-97.

RAMPS AND SPURS -RAMPAREV-, -RAMPBREV-, -RAMPCREV-, -RAMPDREV-, -SPURAREV-, -SPURBREV-, -SPURCREV-, AND -SPURDREV- (TMP-20 THROUGH TMP-24.)

L. USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NEEDED, CONTRACTOR MAY BEGIN PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-26 AND MARKERS PER RSD 1250.01 SHEET 1 OF 3, PLACE TRAFFIC INTO NEW TRAFFIC PATTERN AND MAY BEGIN CONSTRUCTION OF -Y47- FROM STA. 14+60+/- TO TIE-IN AT -L- AS SHOWN ON TMP-26. PROVIDE WEDGING AS NEEDED TO MAINTAIN SMOOTH TRANSITION FOR EXISTING TRAFFIC.

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. 5/9/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASING NOTES

02-MAY-2012 11:12
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-03_Phasing.dgn
idonaldson AT TE237459

M. 1. USING RSD 1101.03 SHEET 1 OF 15 AND THE ROLAND RD DETOUR SHOWN ON TMP-89, CLOSE EXISTING ROLAND RD AND CONSTRUCT -Y35B- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE MAINTAINING ACCESS TO DRIVEWAYS ON FAIRFAX RD (SEE TMP-25 AND 26). PROVIDE WEDGING AS NEEDED AT TIE-IN OF EXISTING HIGH POINT RD TO MAINTAIN TRAFFIC.

2. PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-55 AND TMP-56 ON -Y35B- AND OPEN -Y35B- TO TRAFFIC. CONSTRUCT TURNOUTS ON FAIRFAX RD AND ROLAND RD AS SHOWN ON TMP-25.

N. USING RSD 1101.02 SHEETS 2 OF 15 AND 3 OF 15 AS NEEDED, CONTRACTOR MAY BEGIN CONSTRUCTION OF LEFT SIDE OF -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -L- STA. 444+19+/- TO -L- STA. 465+98+/- AS SHOWN ON TMP-27 THROUGH TMP-29. INCLUDE TIE-INS OF -Y37- AND -Y38- USING DETOURS SHOWN ON TMP-87 TO ALTERNATELY CLOSE -Y37- AND -Y38- TO CONSTRUCT TIE-INS-.

O. USING RSD 1101.02 SHEET 3 OF 15, CONTRACTOR MAY BEGIN CONSTRUCTION OF WIDENING OF EXISTING ROADWAY UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE PROVIDING TEMPORARY PAVEMENT MARKING EDGELINE WHERE EXISTING CURB AND GUTTER IS REMOVED AND WEDGING AS NEEDED TO MAINTAIN A SMOOTH TRANSITION FOR EXISTING TRAFFIC OF THE FOLLOWING:

LEFT SIDE OF -L- FROM STA. 465+98+/- TO STA. 480+20+/- AS SHOWN ON TMP-29

RIGHT SIDE OF -L- FROM STA. 468+76+/- TO STA. 470+54+/- AS SHOWN ON TMP-29

-Y41- FROM TIE-IN AT -L- TO -Y41- STA. 16+05 +/- AS SHOWN ON TMP-29

-Y40- FROM -Y40- STA. 11+50+/- TO TIE-IN AT -L- AS SHOWN ON TMP-29 AND TMP-30

P. WORKING IN A CONTINUOUS MANNER, CONTRACTOR MAY BEGIN THE FOLLOWING:

1. USING RSD 1101.02 SHEET 4 OF 15, PLACE TEMPORARY PORTABLE CONCRETE BARRIER, TEMPORARY PAVEMENT MARKINGS, MARKERS PER RSD 1250.01 SHEET 1 OF 3, AND TRAFFIC CONTROL DEVICES AS SHOWN ON TMP-20 THROUGH TMP-24. PLACE TRAFFIC INTO NEW TEMPORARY TRAFFIC PATTERN.

2. CONSTRUCT TIE-INS OF -RAMPAREV-, -RAMPBREV-, -RAMPCREV-, -RAMPDREV- TO -GWL-, WIDENING OF -GWL- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE, AND CENTER BRIDGE SUPPORTS AS SHOWN ON TMP-20 THROUGH TMP-24.

3. USING RSD 1101.02 SHEET 4 OF 15 AS NEEDED, REMOVE TEMPORARY PROTABLE CONCRETE BARRIER AND TRAFFIC CONTROL DEVICES USED TO CLOSE RIGHT LANE, REPLACE ORIGINAL EXISTING PAVEMENT LANE AND EDGE MARKINGS AND MARKERS, AND OPEN RIGHT LANE TO TRAFFIC. KEEP RAMPS CLOSED TO TRAFFIC USING TYPE III BARRICADES.

PHASE II

STEP 1

USING RSD 1101.02 SHEETS 1 OF 15, 2 OF 15, 3 OF 15 AND FLAGGERS AS NECESSARY, PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY SIGNALS AS SHOWN ON TMP-40 THROUGH TMP-42 AND MARKERS PER RSD 1250.01 SHEET 1 OF 3 AND PLACE TRAFFIC INTO NEW TRAFFIC PATTERN.

STEP 2

NOTE: WORK DESCRIBED IN PHASE II, STEP 2.A THROUGH STEP 2.K MAY BE COMPLETED CONCURRENTLY

A. AWAY FROM TRAFFIC, COMPLETE THE CONSTRUCTION OF NEW ROADWAY UP TO BUT NOT INCLUDING FINAL LAYER OR SURFACE COURSE FOR THE FOLLOWING WORK THAT BEGAN IN PHASE I STEP 2.K:

-Y46- FROM TIE-IN AT -L- TO STA. 12+50+/- AS SHOWN ON TMP-17 AND TMP-18

-L- FROM -L- STA. 364+50+/- TO -L- STA. 444+19+/- INCLUDING NEW STRUCTURE (TMP-17, TMP-20, TMP-25, TMP-26 AND TMP-27). TO HANG GIRDERS ON -L- OVER I-73, CLOSE I-73 USING DETOURS SHOWN ON TMP-90 THROUGH TMP-97

B. USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NEEDED, COMPLETE CONSTRUCTION OF -Y47- FROM STA. 14+60+/- TO TIE-IN AT -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE PROVIDING WEDGING AS NEEDED TO MAINTAIN A SMOOTH TRANSITION FOR EXISTING TRAFFIC AS DESCRIBED IN PHASE I, STEP 2.L. (TMP-26)

C. USING RSD 1101.02 SHEETS 1 OF 15, 2 OF 15 AND 3 OF 15 AS NEEDED, COMPLETE CONSTRUCTION OF LEFT SIDE OF -L- FROM STA. 444+19+/- TO 465+98+/-, -Y37-, AND -Y38- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS DESCRIBED IN PHASE I, STEP 2.N. (TMP-27 THROUGH TMP-29)

D. USING RSD 1101.02 SHEET 3 OF 15, COMPLETE WIDENING OF EXISTING ROADWAY UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE PROVIDING WEDGING AS NEEDED TO MAINTAIN A SMOOTH TRANSITION FOR EXISTING TRAFFIC OF THE FOLLOWING THAT BEGAN AS DESCRIBED IN PHASE I, STEP 2.O:

LEFT SIDE OF -L- FROM STA. 465+98+/- TO STA. 480+20+/- AS SHOWN ON TMP-29

RIGHT SIDE OF -L- FROM STA. 468+76+/- TO STA. 470+54+/- AS SHOWN ON TMP-29

-Y41- FROM TIE-IN AT -L- TO STA. 16+05+/- AS SHOWN ON TMP-29

-Y40- FROM STA. 11+50+/- TO TIE-IN AT -L- AS SHOW ON TMP-29 AND TMP-30

E. COMPLETE CONSTRUCTION OF TIE-INS OF -RAMPAREV-, -RAMPBREV-, -RAMPCREV- AND -RAMPDREV- TO -GWL, AND WIDENING OF -GWL- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS DESCRIBED IN PHASE I, STEP 2.P.

F. USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NEEDED, CONSTRUCT CONCRETE ISLANDS ON -Y16- AS SHOWN ON TMP-31 AND TMP-32.

G. 1. USING RSD 1101.02 SHEET 3 OF 15, CONSTRUCT OUTSIDE EDGE OF -Y18- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -Y18- STA. 14+50+/- TO STA. -Y18- 21+39+/-. PROVIDE WEDGING AS NEEDED TO PROVIDE A SMOOTH TRANSITION FOR EXISTING TRAFFIC AS SHOWN ON TMP-35. PROVIDE TEMPORARY PAVEMENT MARKING EDGELINE WHERE EXISTING CURB AND GUTTER IS REMOVED.

2. USING RSD 1101.02 SHEET 3 OF 15, REMOVE EXISTING MEDIAN AND CONSTRUCT NEW MEDIAN AS SHOWN ON TMP-35. CONSTRUCT WEDGING ON -Y18- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLAND JR.

5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASING NOTES

02-MAY-2012 11:12
\\dot.dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-03a_Phasing.dgn
ldonaldson AT TE23459

H. USING RSD 1101.02 SHEET 2 OF 15, CONSTRUCT LEFT SIDE OF -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -L- STA. 295+12.5+/- TO -L- STA. 349+01+/- INCLUDING TIE-INS OF DRIVEWAYS AND -Y48- AS SHOWN ON TMP-35 TO TMP-39.

I. USING RSD 1101.02 SHEET 3 OF 15, CONSTRUCT LEFT SIDE OF -Y21- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM STA. 13+30+/- TO TIE-IN OF -L- AS SHOWN ON TMP-40.

J. USING RSD 1102.02 SHEET 2 OF 15, CONSTRUCT LEFT SIDE OF -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM TIE-IN OF -Y21- TO STA. 364+50+/- AS SHOWN ON TMP-40 AND TMP-41.

K. USING RSD 1102.02 SHEET 1 OF 15, CONSTRUCT LEFT SIDE OF -Y46- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -Y46- STA. 12+50+/- TO -Y46- STA. 19+20+/- AS SHOWN ON TMP-42. PROVIDE WEDGING AS NEEDED TO MAINTAIN A SMOOTH TRANSITION FOR EXISTING TRAFFIC.

PHASE III

STEP 1

USING RSD 1101.02 SHEETS 1 OF 15, 2 OF 15, 3 OF 15 AND FLAGGERS AS NECESSARY, PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-43 THROUGH TMP-61 AND MARKERS PER RSD 1250.01 SHEET 1 OF 3. PLACE TRAFFIC INTO NEW TRAFFIC PATTERN.

STEP 2

NOTE: WORK DESCRIBED IN PHASE III, STEP 2.A THROUGH STEP 2.E MAY BE COMPLETED CONCURRENTLY

A. USING RSD 1101.02 SHEETS 1 OF 15, 2 OF 15, 3 OF 15 AND FLAGGERS AS NEEDED,

CONSTRUCT RIGHT SIDE OF -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE FROM -L- STA. 343+11+/- TO -L- STA. 364+50+/- INCLUDING TIE-INS OF -Y21-, -Y22-, AND -Y23- AS SHOWN ON TMP-50 THROUGH TMP-52. USE RSD 1101.03 SHEETS 1 OF 9, 2 OF 9 AND THE ANSON RD DETOUR SHOWN ON TMP-89 TO CLOSE ACCESS OF -Y23- TO -L-.

CONSTRUCT RIGHT SIDE OF -Y46- AND CONCRETE MONOLITHIC ISLAND AS SHOWN FROM -Y46- STA. 10+79+/- THROUGH -Y46- STA. 17+50+/- AS SHOWN ON TMP-52.

CONSTRUCT ISLAND ON -Y21- AS SHOWN ON TMP-51. CONSTRUCT ISLAND ON -L- FROM STA. 292+10 THROUGH STA. 295+15 AS SHOWN ON TMP-46 AND TMP-47.

CONSTRUCT RIGHT SIDE OF -L- FROM STA. 449+94+/- TO STA. 480+20+/- INCLUDING TIE-IN OF -Y39- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-58 TO TMP-60.

CONSTRUCT ISLANDS ON -Y37- AND -Y38- AS SHOWN ON TMP-59.

CONSTRUCT NEW ISLAND ON -Y40- AND -Y41- AS SHOWN ON TMP-60 AND TMP-61.

B. 1. USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NEEDED, CONSTRUCT RIGHT SIDE OF -Y47- FROM STA. 17+37+/- TO TIE-IN OF -Y49- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-56. INCLUDE TIE-IN OF -Y35A-.

USING RSD 1101.03 SHEETS 1 OF 9, 2 OF 9, AND THE KING MILLS CT RD DETOUR SHOWN ON TMP-88, CLOSE EXISTING KINGS MILL RD AND CONSTRUCT NEW -Y49- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-56.

2. USING RSD 1101.02 SHEETS 1 OF 15, 3 OF 15, AND FLAGGERS AS NEEDED, PLACE TEMPORARY PAVEMENT MARKINGS ON -Y47-, -Y35A-, -Y35B-, AND ON RIGHT SIDE OF -L- AS SHOWN ON TMP-57 AND TMP-58 AND MARKERS PER RSD 1250.01 SHEET 1 OF 3. REMOVE TRAFFIC CONTROL DEVICES USED TO CLOSE -Y49-. PLACE TRAFFIC INTO NEW TEMPORARY TRAFFIC PATTERN.

C. 1. USING RSD 1101.02 SHEET 2 OF 15, CONSTRUCT RIGHT SIDE OF -L- FROM STA. 444+19+/- TO STA. 449+40+/- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-58.

2. USING RSD 1101.02 SHEET 1 OF 15 AND FLAGGERS AS NEEDED, CONSTRUCT RIGHT SIDE OF -L- AND DRIVEWAYS FROM -L- STA. 444+68+/- TO -L- STA. 449+94+/- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE AS SHOWN ON TMP-58. REMOVE REMAINING PORTION OF EXISTING HIGH POINT RD AS SHOWN ON TMP-57 AND TMP-58.

D. AWAY FROM TRAFFIC, COMPLETE CONSTRUCTION UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE OF RAMPS AND SPURS -RAMPAREV-, -RAMPBREV-, -RAMPCREV-, -RAMPDREV-, -SPURAREV-, -SPURBREV-, -SPURCREV-, AND -SPURDREV- THAT BEGAN IN PHASE I, STEP 2.K.

E. USING RSD 1101.02 SHEET 4 OF 15, PLACE OVERHEAD SIGNS AS SHOWN IN SIGNING PLANS.

PHASE IV

STEP 1

USING RSD 1101.02 SHEETS 1 OF 15, 2 OF 15, 3 OF 15, 4 OF 15, AND FLAGGERS AS NEEDED, PLACE TEMPORARY PAVEMENT MARKINGS ON -L- AS SHOWN ON TMP-62 THROUGH TMP-67 AND TEMPORARY RAISED MARKERS PER RSD 1250.01 SHEET 1 OF 3. PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY RAISED MARKERS ON -Y16-, -Y22-, -Y23-, -Y39-, -Y46-, Y47-, -Y49-, RAMPS AND SPURS, AND -L- NOT SHOWN ON TMP-62 THROUGH TMP-67, MATCHING FINAL PATTERN SHOWN IN FINAL PAVMENT MARKING PLANS. USE REMOVABLE COLD APPLIED PLASTIC, TYPE IV ON BRIDGE DECK. PLACE TRAFFIC INTO TEMPORARY TRAFFIC PATTERN.

STEP 2

USING RSD 1101.02 SHEET 3 OF 15, CONSTRUCT CENTER OF -L- FROM STA. 331+65+/- TO STA. 353+27+/- AS SHOWN ON TMP-62 THROUGH TMP-64. CONSTRUCT CENTER OF -L- FROM STA. 449+40+/- TO STA. 468+76+/- AND FROM STA. 470+31+/- TO STA. 479+61+/- AS SHOWN ON TMP-65 THROUGH TMP-67. CONSTRUCT REMAINING CURB AND GUTTER ON -L- CLOSING TEMPORARY ACCESS FOR DRIVEWAYS AND -Y- LINES. CONSTRUCT MONOLITHIC ISLAND ON -L- FROM STA. 286+56+/- TO STA. 290+00+/-.

STEP 3

USING RSD 1101.02 SHEETS 1 OF 15, 2 OF 15, 3 OF 15, AND FLAGGERS AS NEEDED, PLACE FINAL LAYER OF SURFACE COURSE, FINAL PAVEMENT MARKINGS, AND FINAL MARKERS AS SHOWN IN FINAL PAVMENT MARKING PLANS. SET FINAL SIGNALS. PLACE TRAFFIC INTO FINAL PATTERN.

STEP 4

REMOVE ALL TRAFFIC CONTROL DEVICES AND SIGNING FROM THE PROJECT.

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

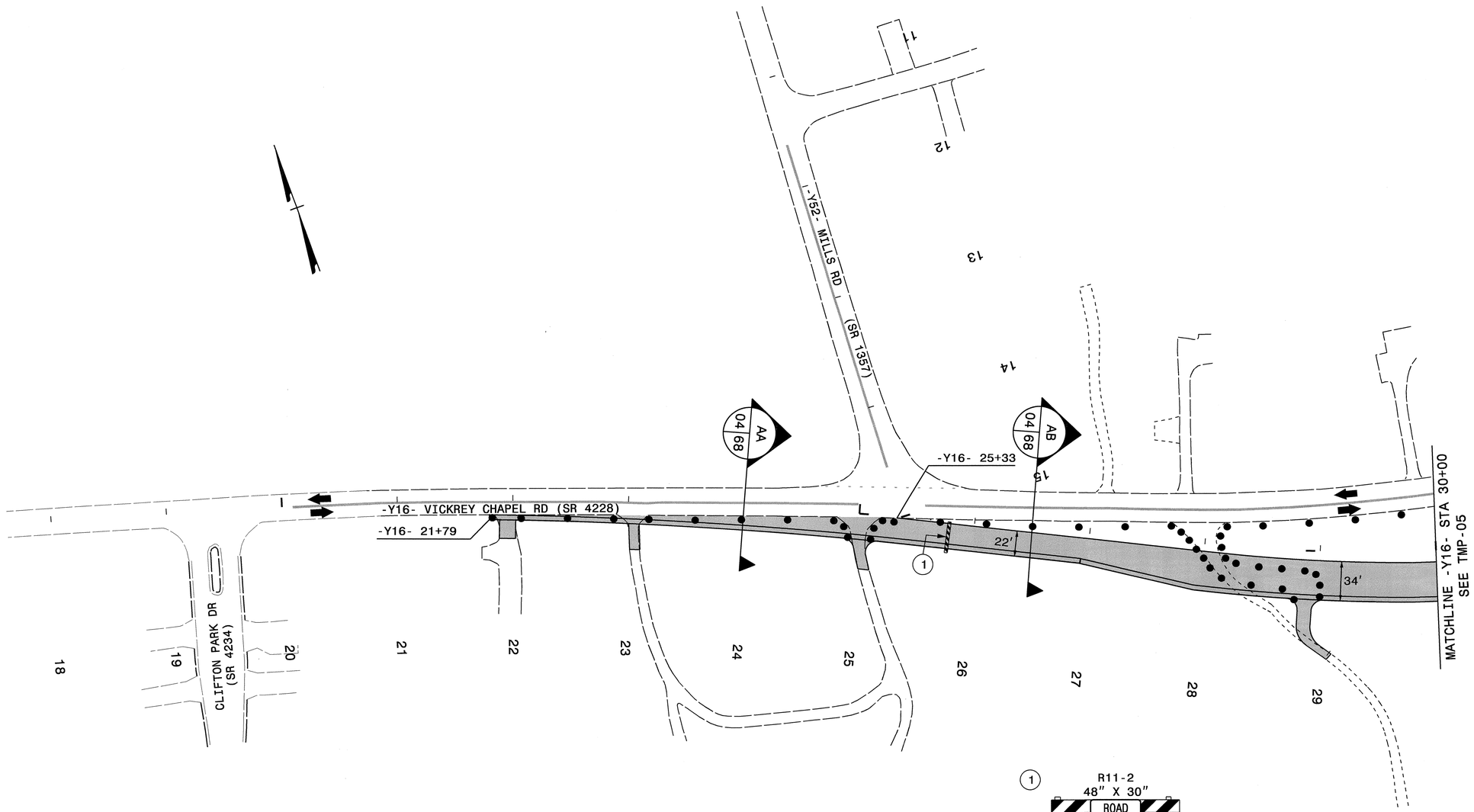
5/4/12

DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

PHASING NOTES

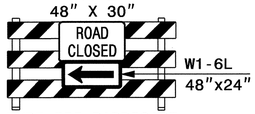
02-MAY-2012 11:11
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-03b_Phasing.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-04



1

R11-2
48" X 30"



TYPE III BARRICADE

SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

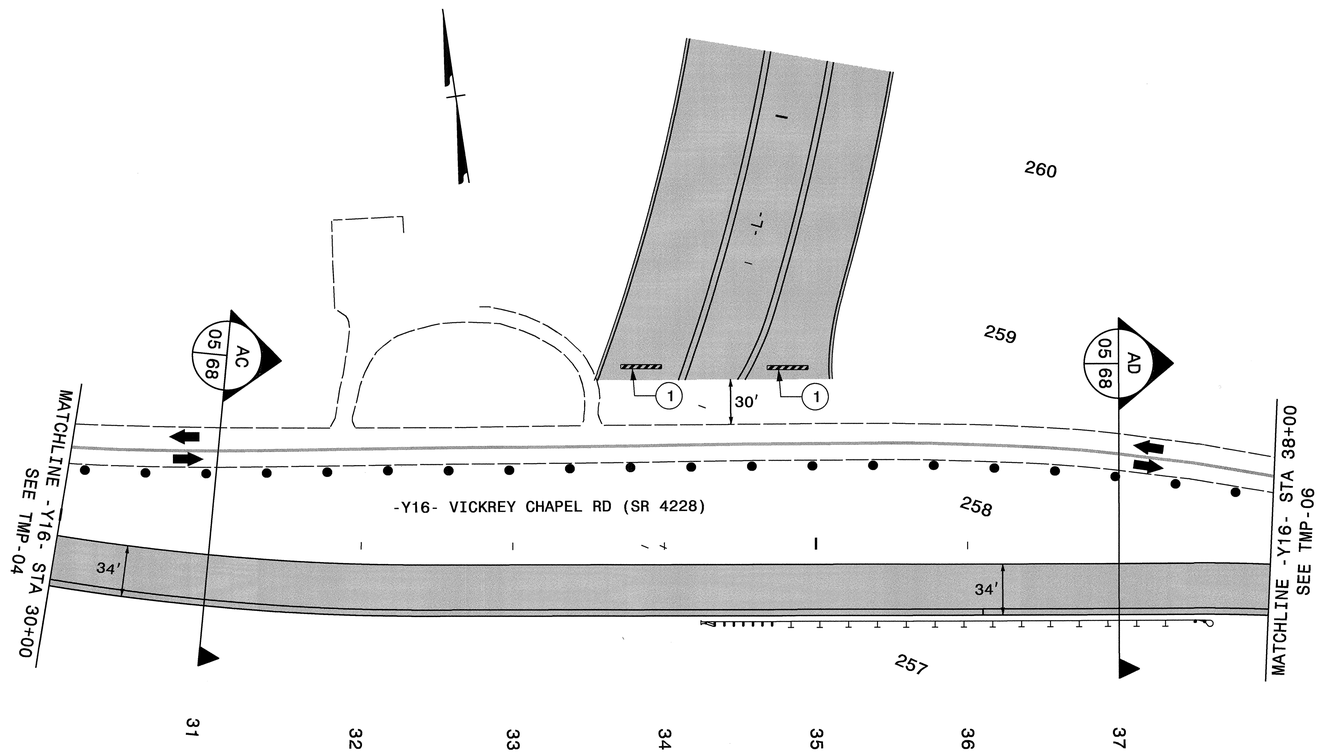
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER L. W. WOOLARD, JR. 5/4/12

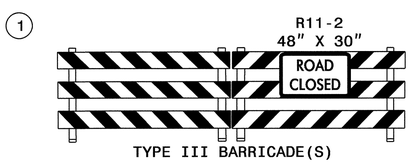
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I
-Y16- VICKREY CHAPEL RD

02-MAY-2012 11:11
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-04_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-05





TYPE III BARRICADE(S)

SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR.

5/4/12

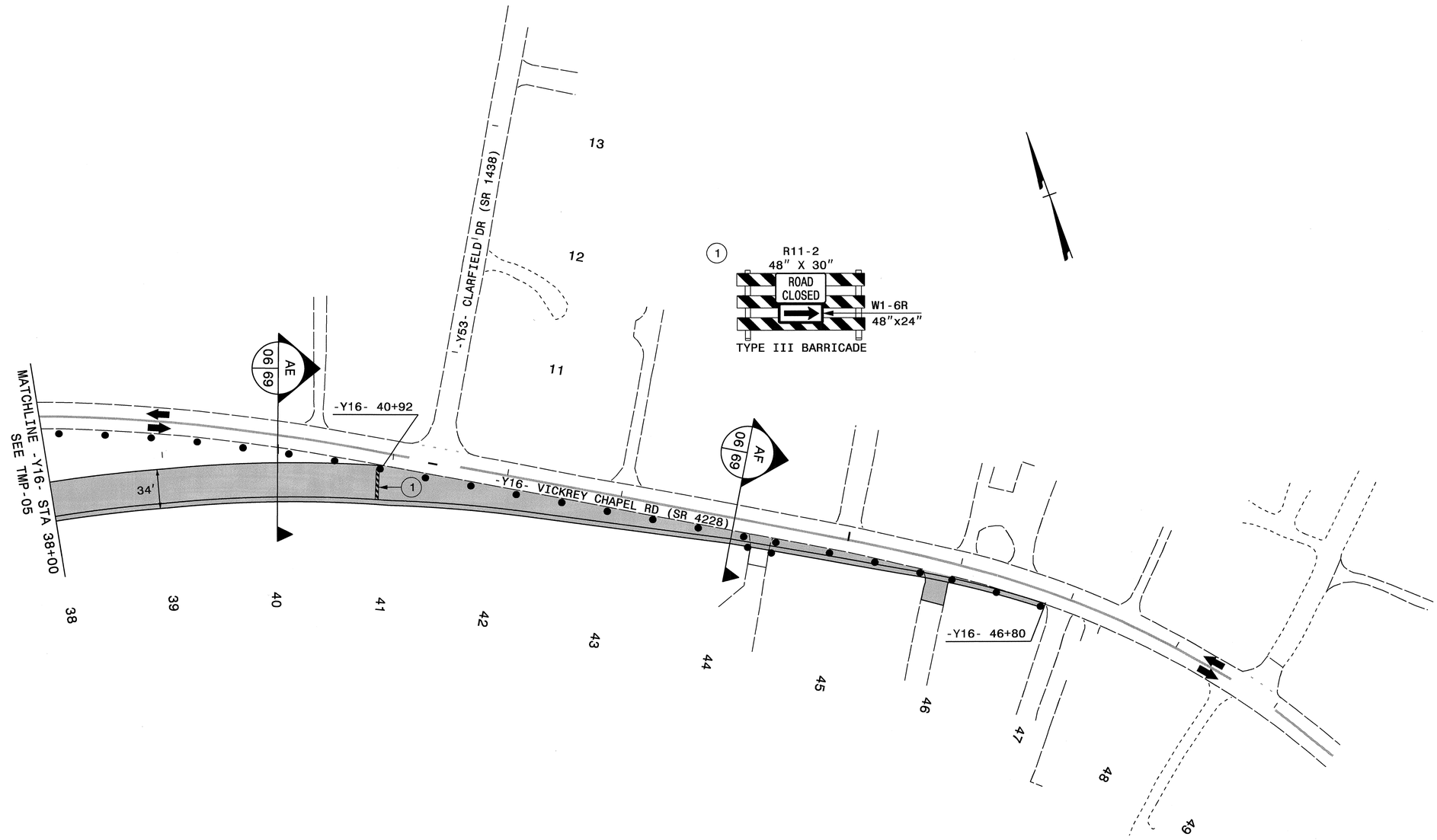
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE I

-Y16- VICKREY CHAPEL RD

02-MAY-2012 11:11
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-05_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-06



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR.

5/4/12

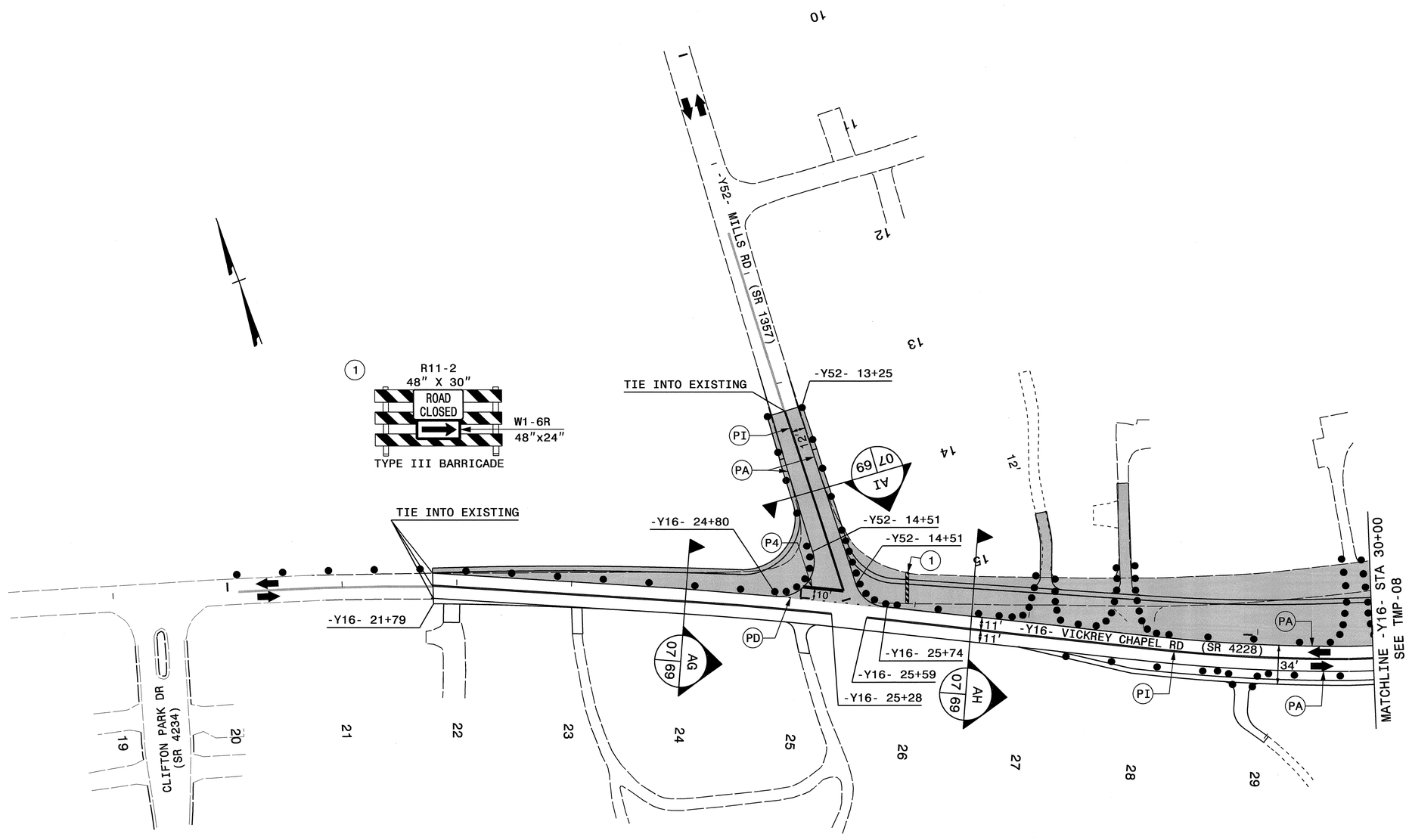
DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

PHASE I

-Y16- VICKREY CHAPEL RD

02-MAY-2012 11:11
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-06_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-07



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

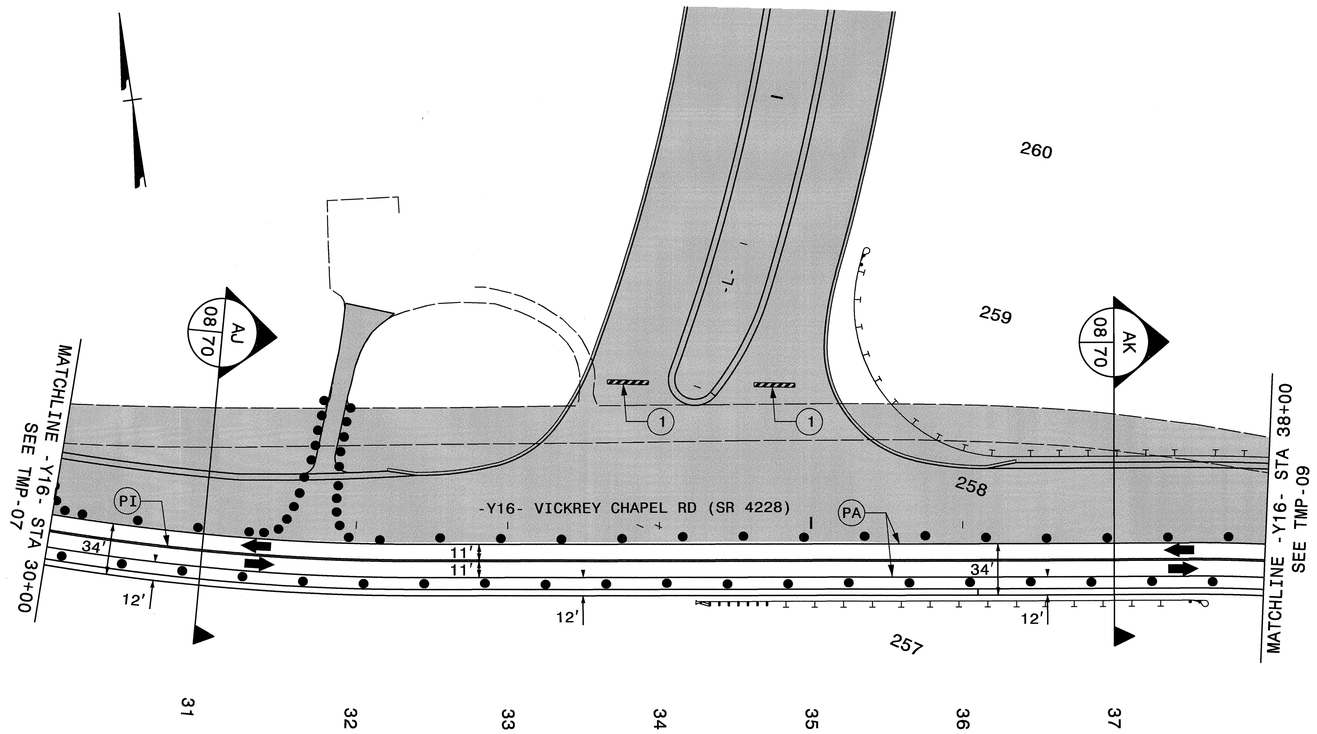
5/4/12

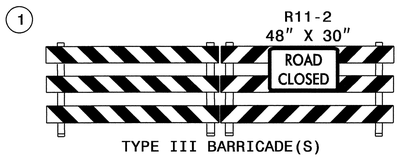
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I
-Y16- VICKREY CHAPEL RD

02-MAY-2012 11:11
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-07_phase01.dgn
idondaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-08





SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

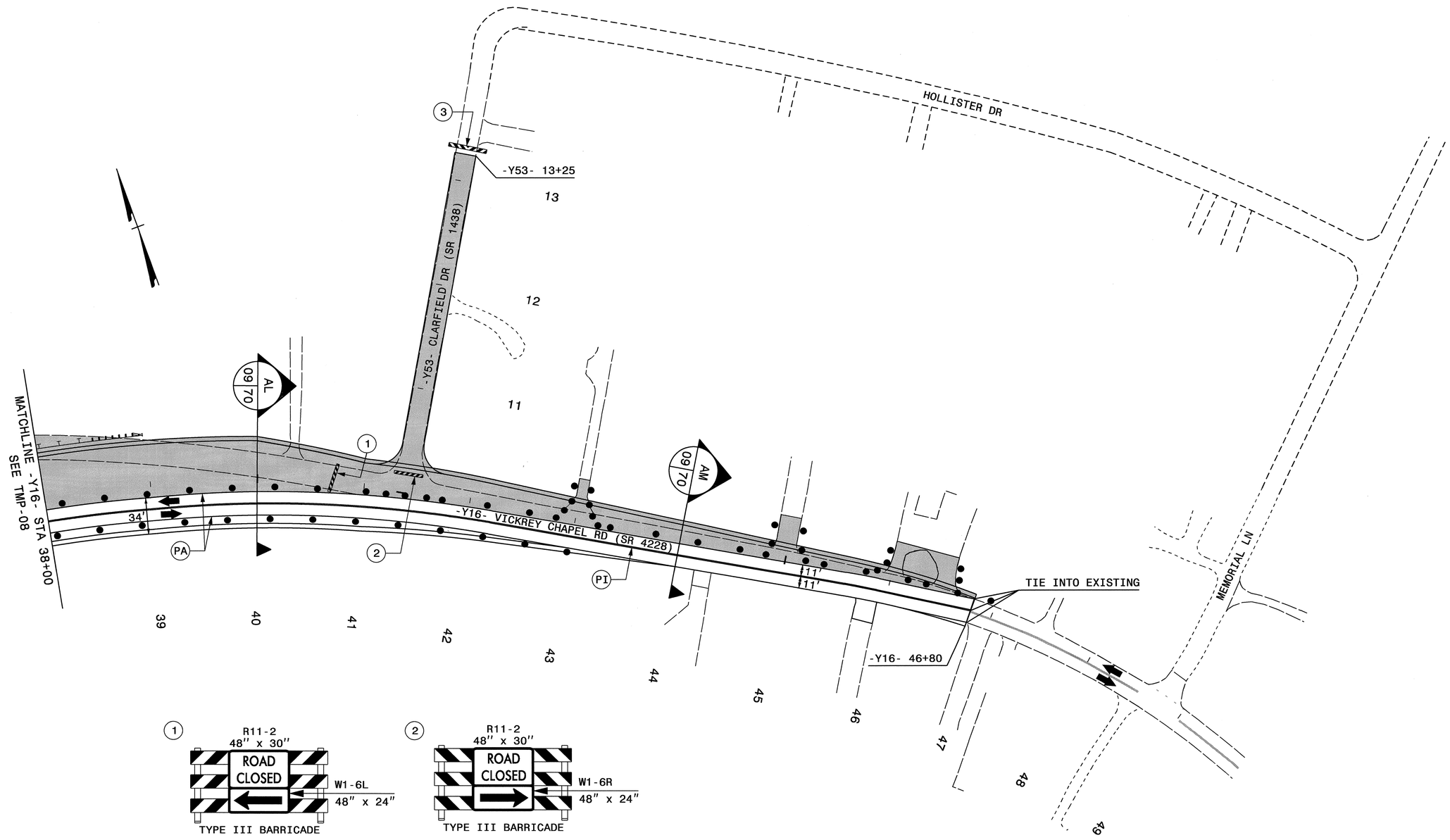
DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

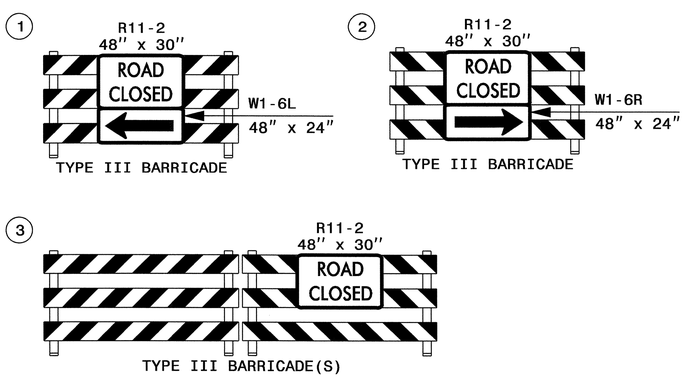
PHASE I

-Y16- VICKREY CHAPEL RD

02-MAY-2012 11:11
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-08_phase01.dgn
tdonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-09





SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. WOOLARD JR.

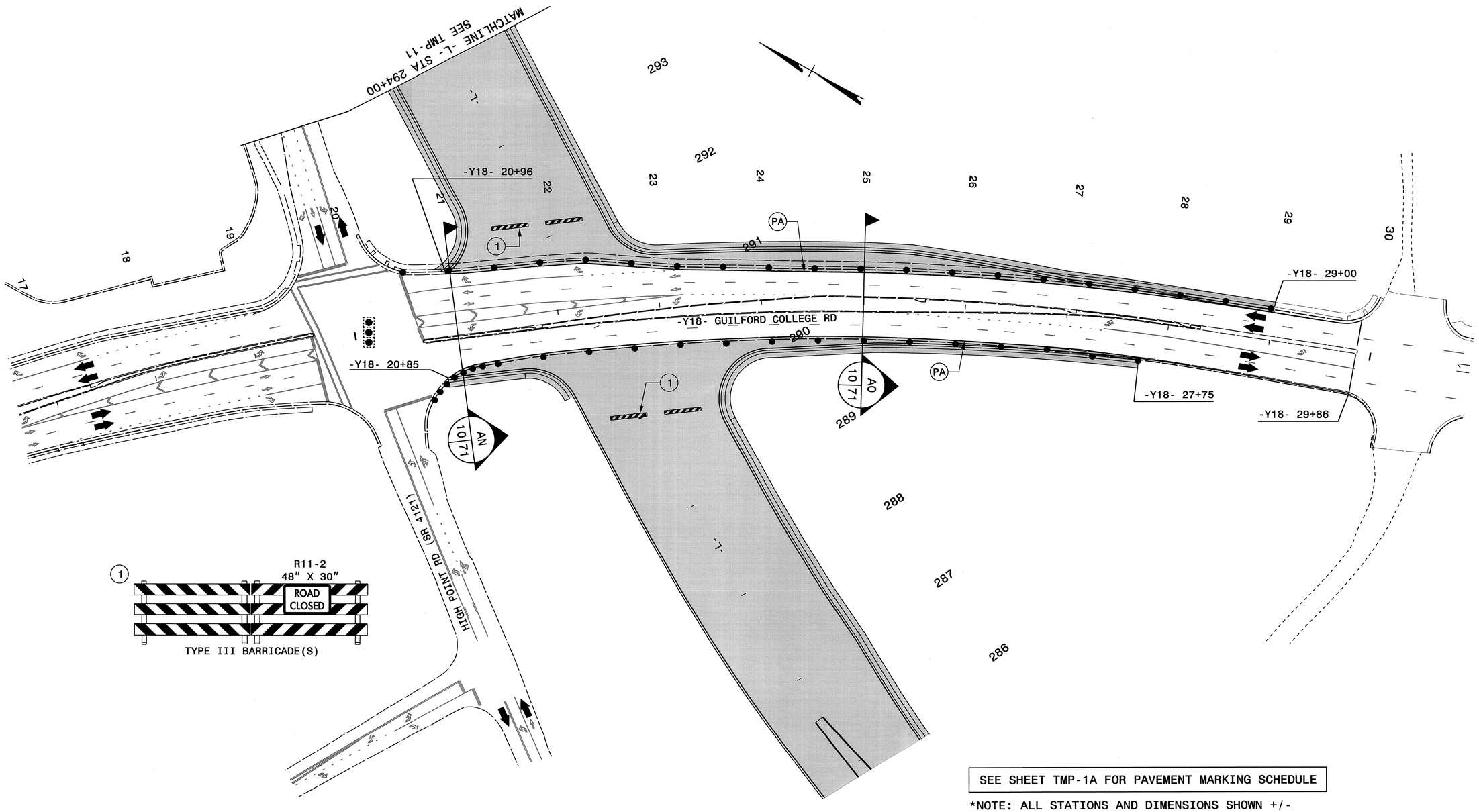
5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I
-Y16- VICKREY CHAPEL RD

02-MAY-2012 11:11
\\dot\dfsroot01\prog1\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-09_phase01.dgn
idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-10



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

6/8/12

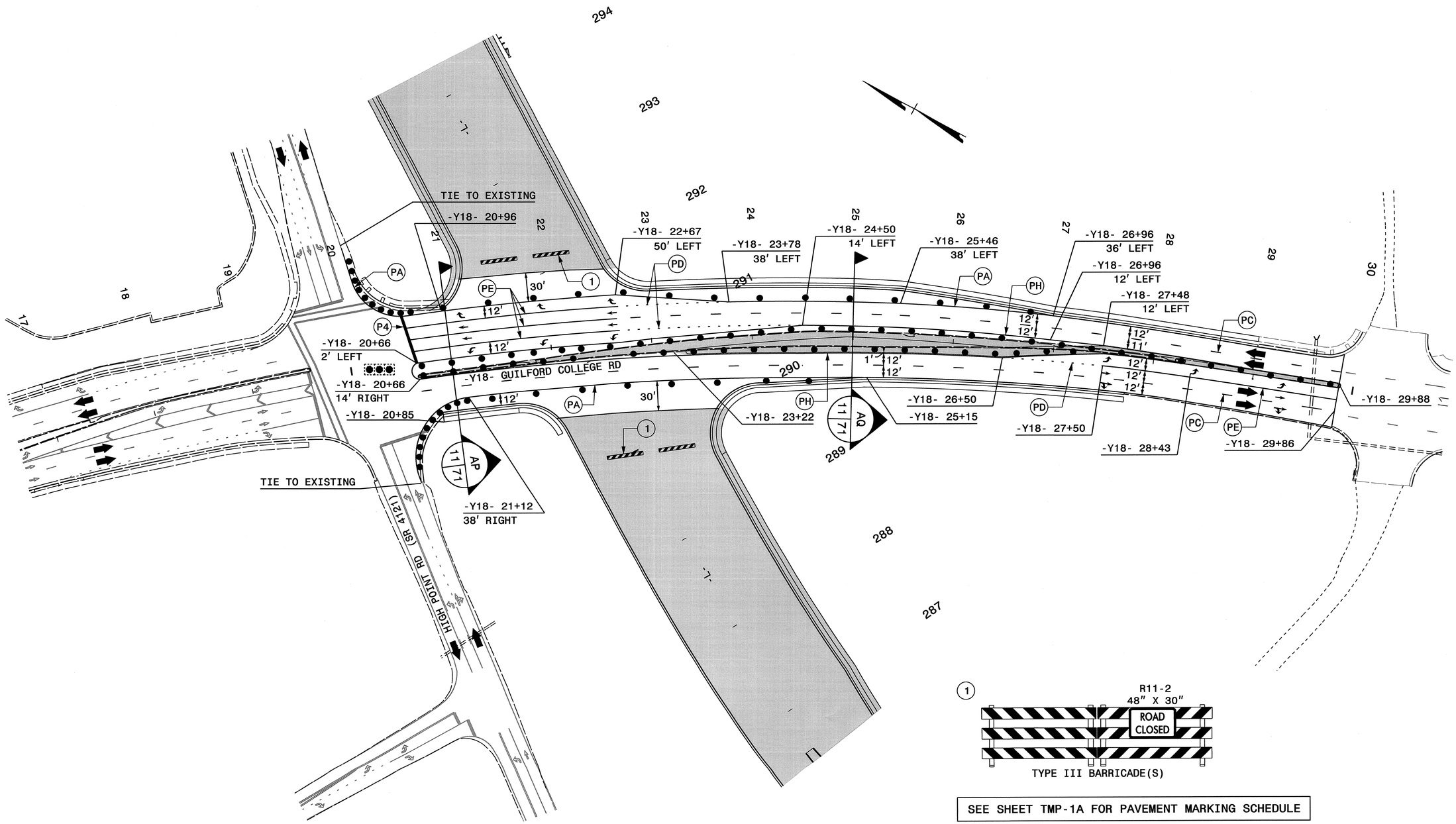
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I

-Y18- GUILFORD COLLEGE RD

05-JUN-2012 14:54
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-10_phase0i.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-11



TYPE III BARRICADE(S)

SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

6/8/12

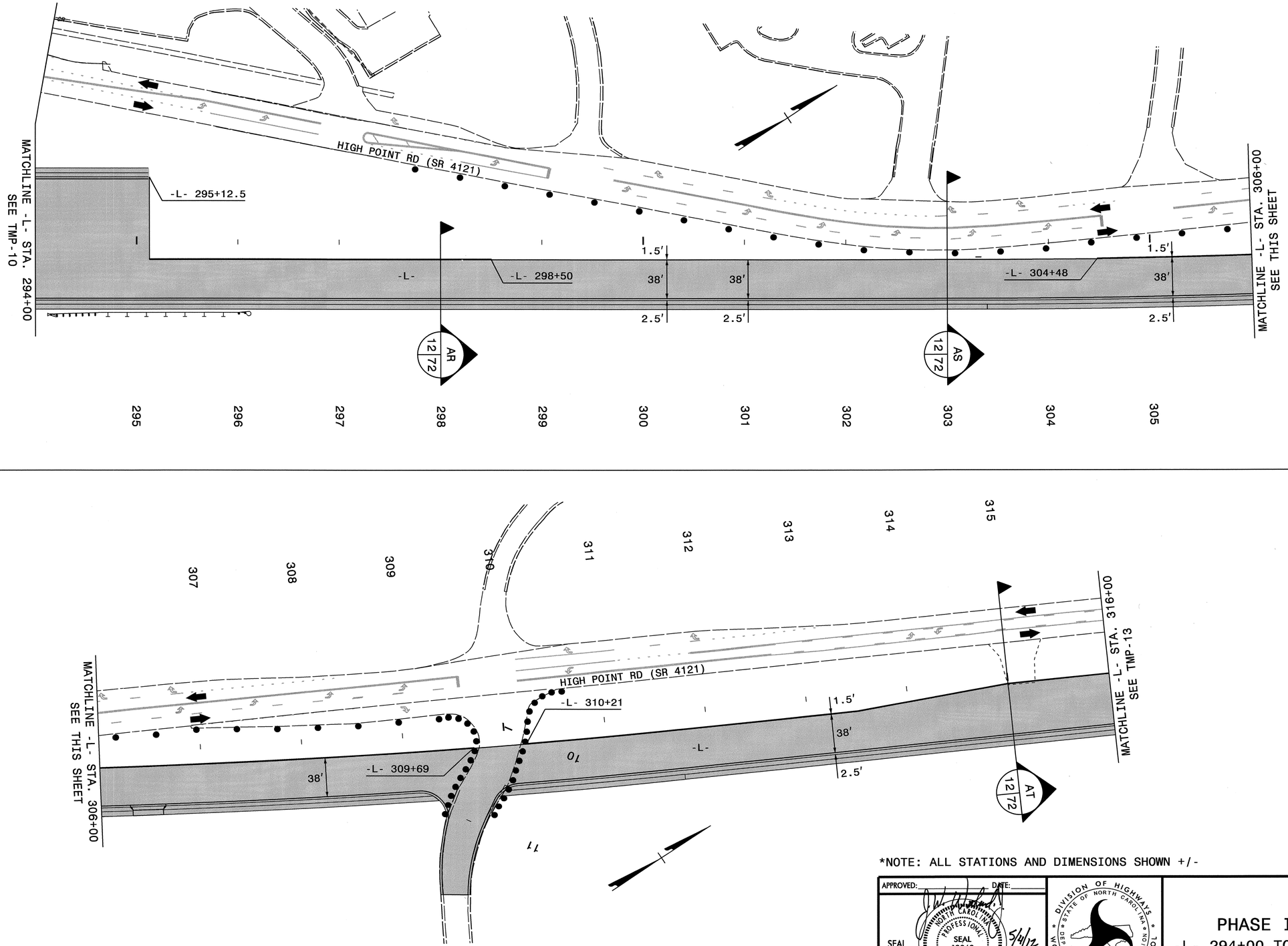
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I

-Y18- GUILFORD COLLEGE RD

05-JUN-2012 16:40
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-II_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-12



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. 5/4/12

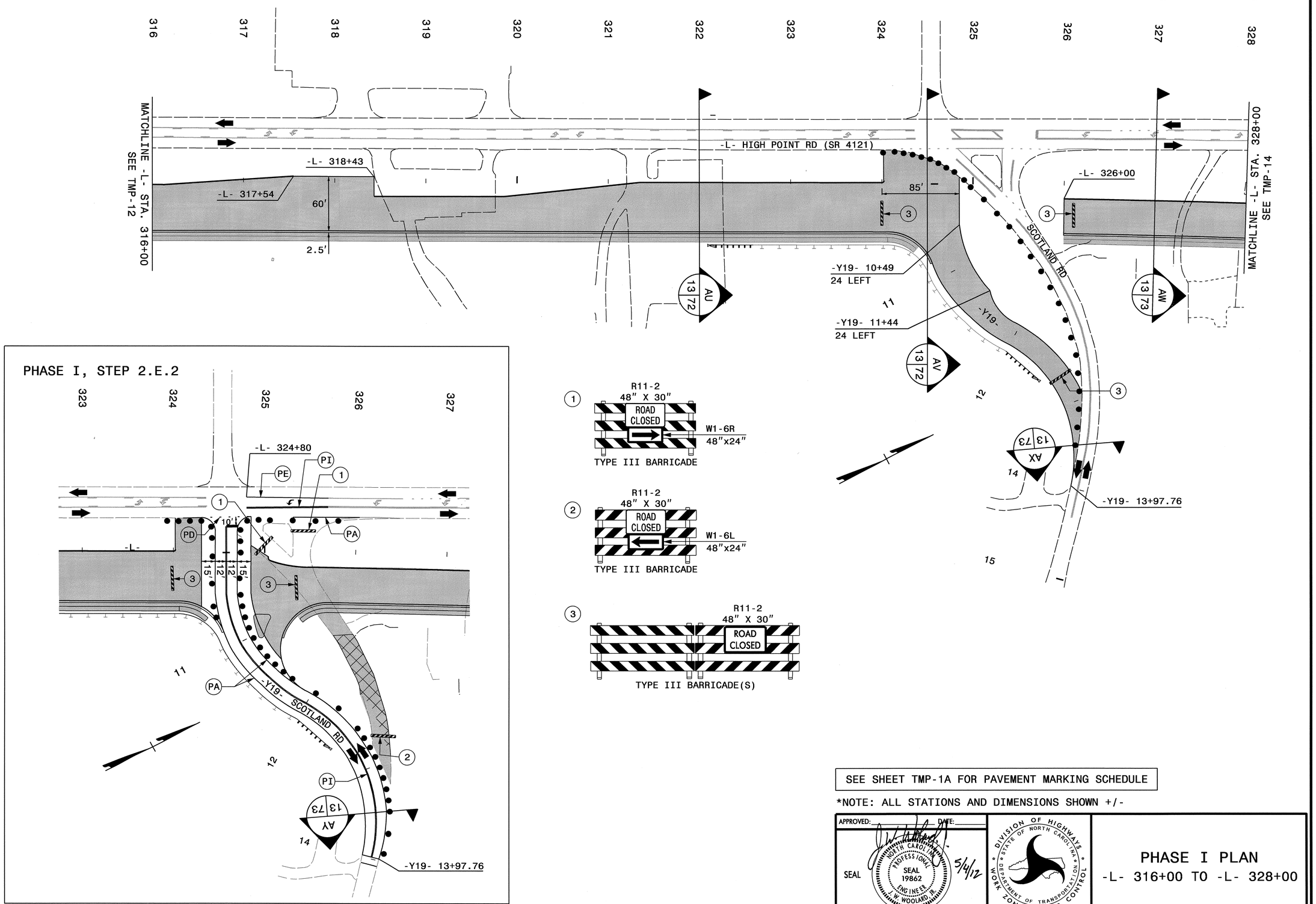
DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

PHASE I PLAN

-L- 294+00 TO -L- 316+00

02-MAY-2012 11:10
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-12_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-13



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

5/4/12

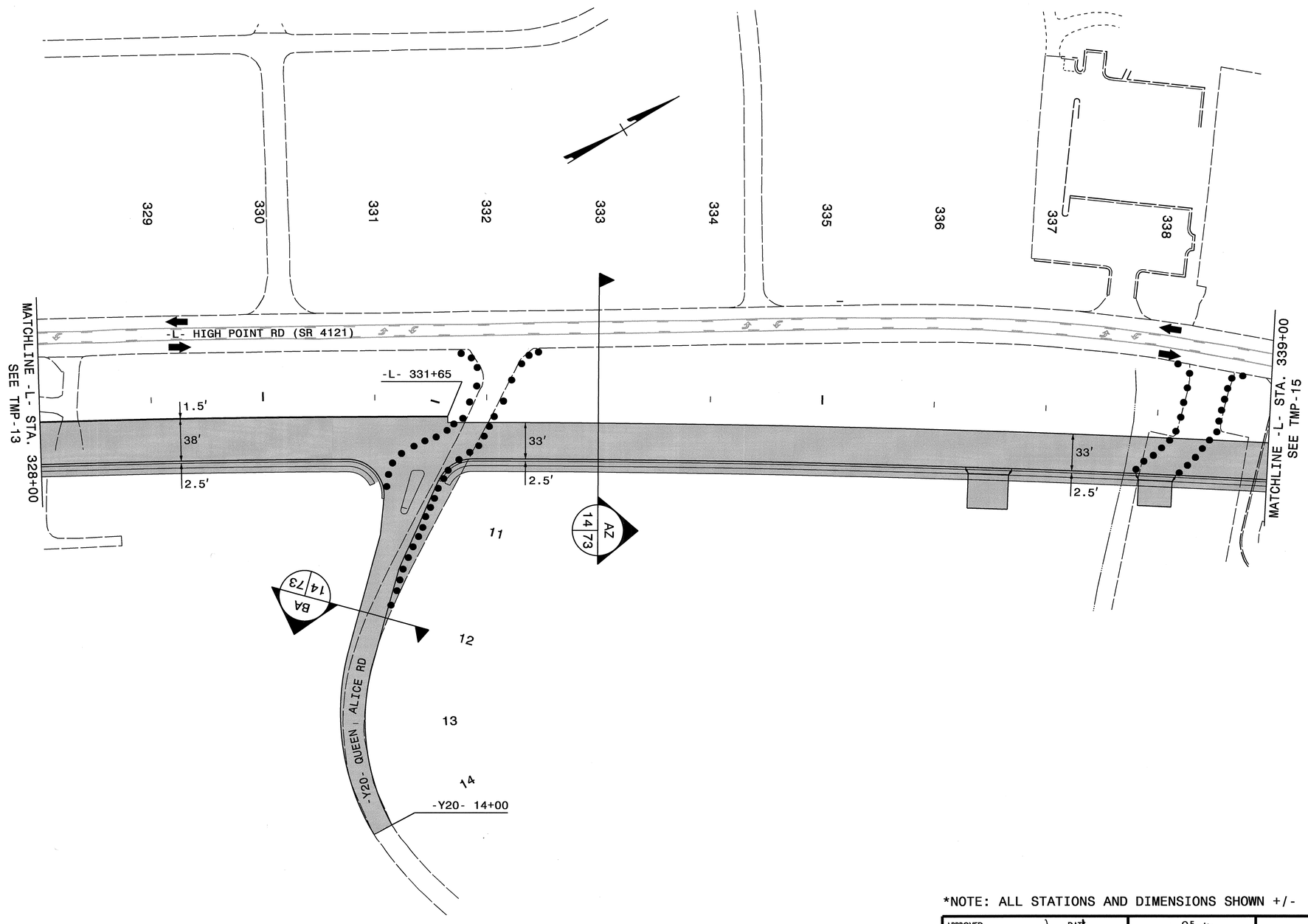
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I PLAN

-L- 316+00 TO -L- 328+00

02-MAY-2012 11:10
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-13_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-14



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD JR.

5/4/12

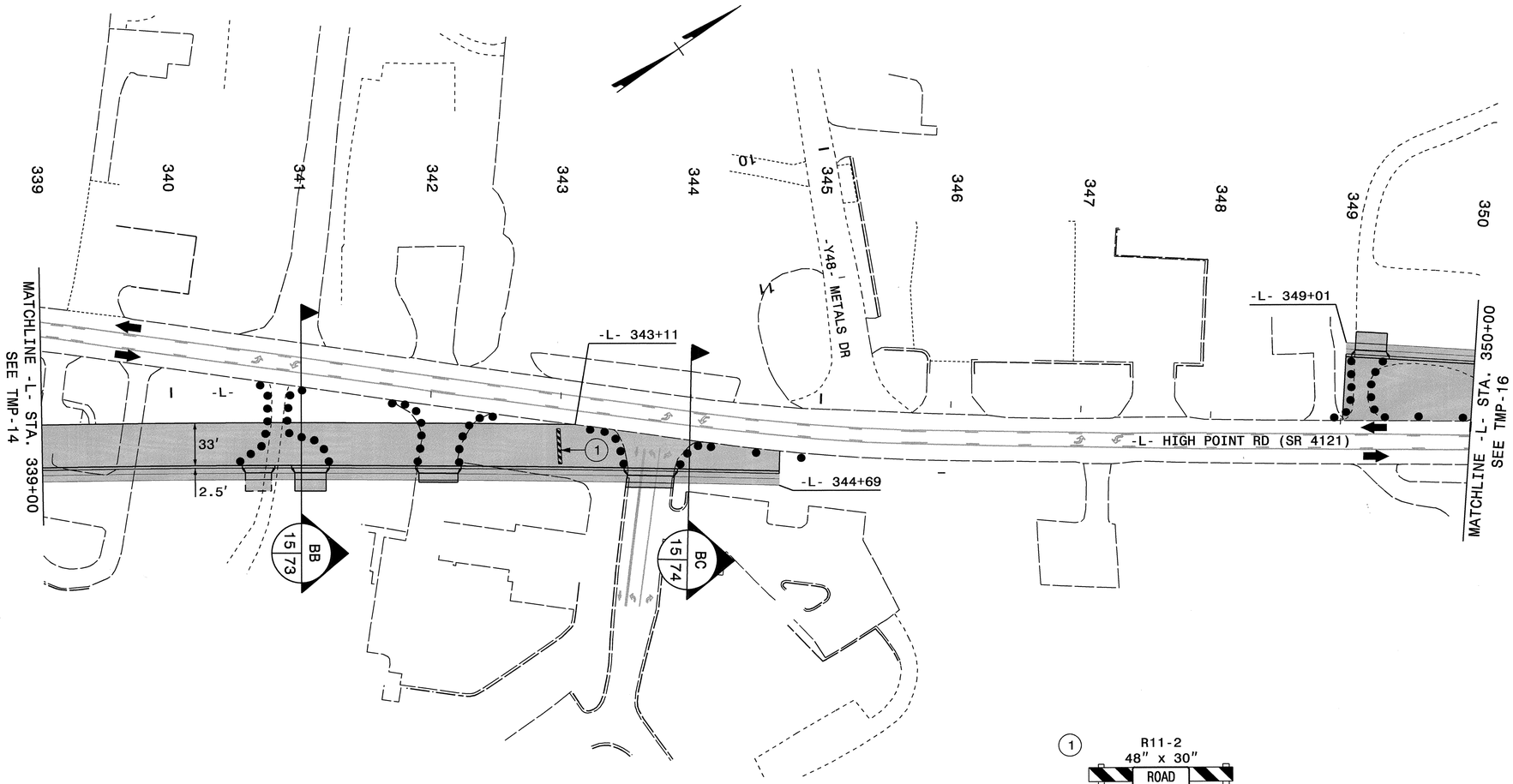
DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

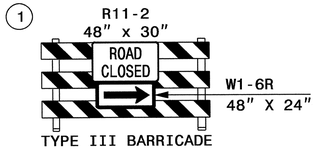
PHASE I PLAN

-L- 328+00 TO -L- 339+00

02-MAY-2012 11:10
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-14_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-15





SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

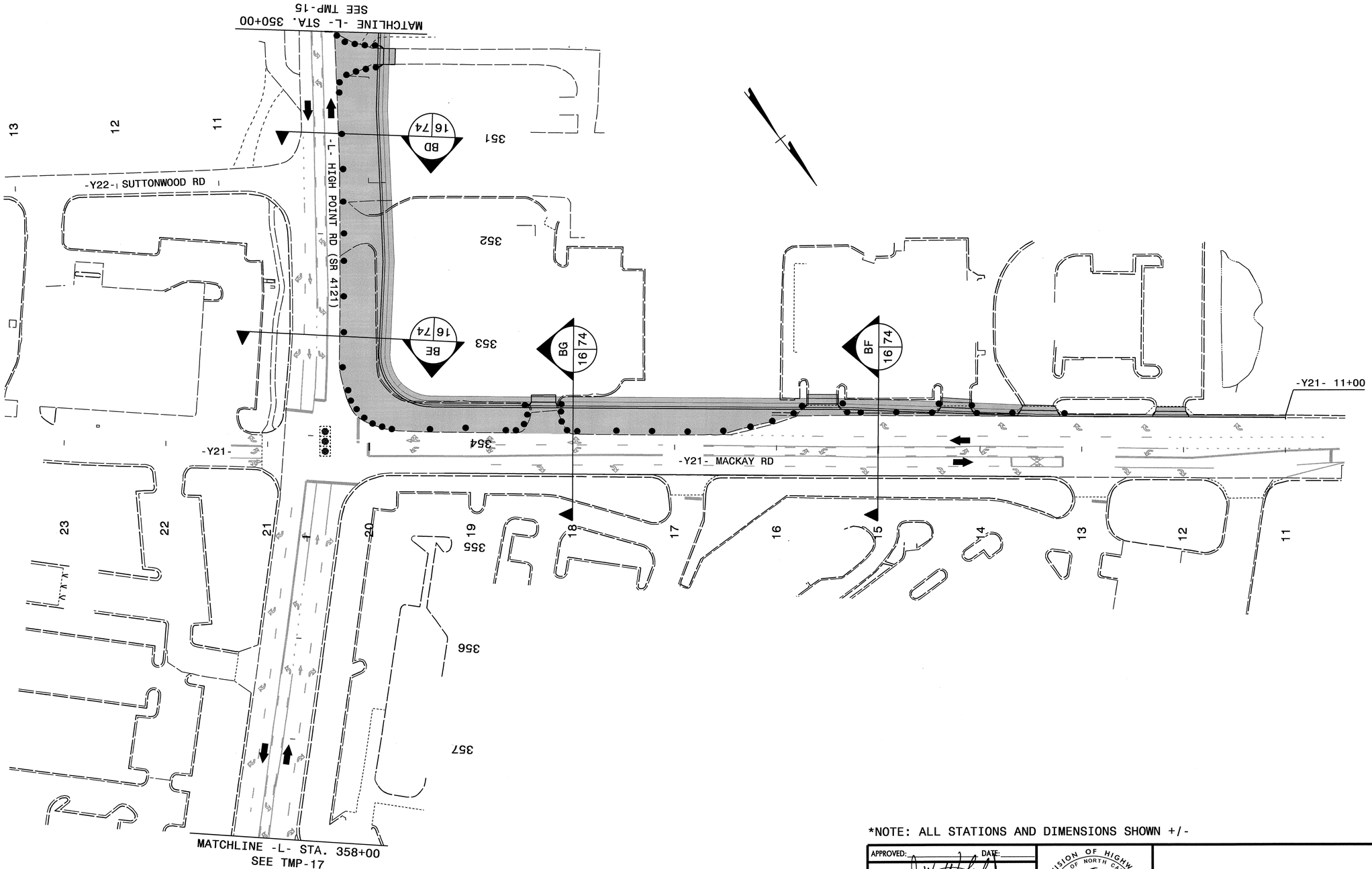
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I PLAN

-L- 339+00 TO -L- 350+00

02-MAY-2012 11:10
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-15_phase01.dgn
idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-16



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLAND, JR.

5/4/12

DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

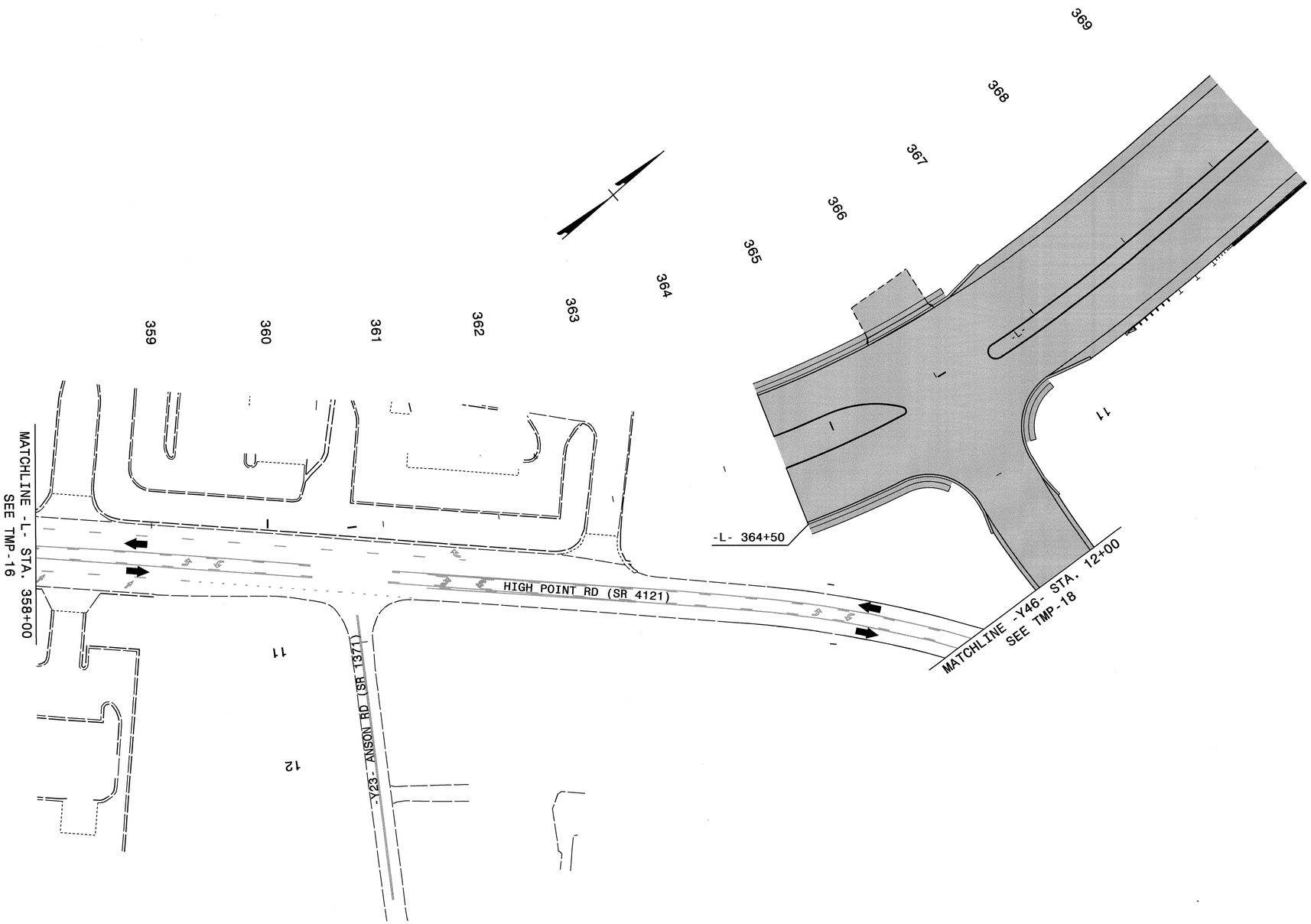
PHASE I PLAN

-Y21- MACKAY RD

-L- 350+00 TO -L- 358+00

02-MAY-2012 11:10
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-16_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-17



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/9/12

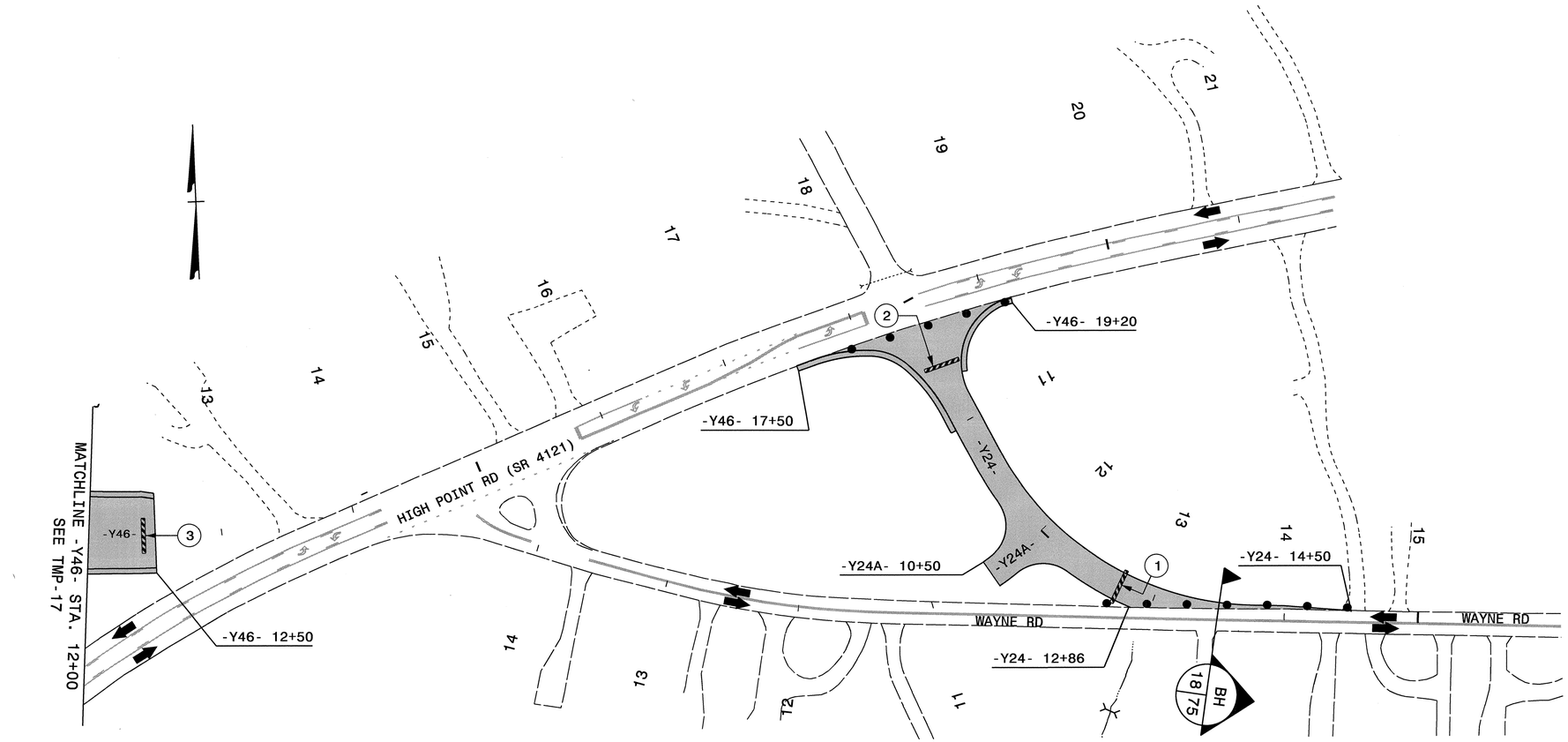
DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

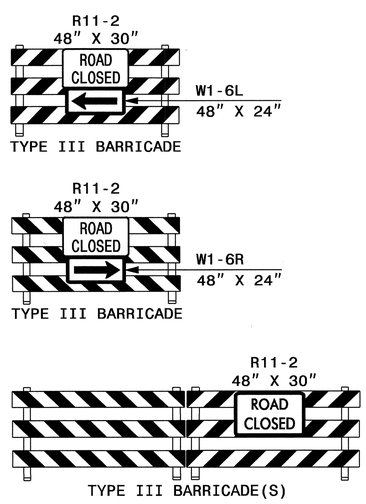
PHASE I PLAN

-L- 358+00 TO -L- 369+50

02-MAY-2012 11:10
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-17_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-18





*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

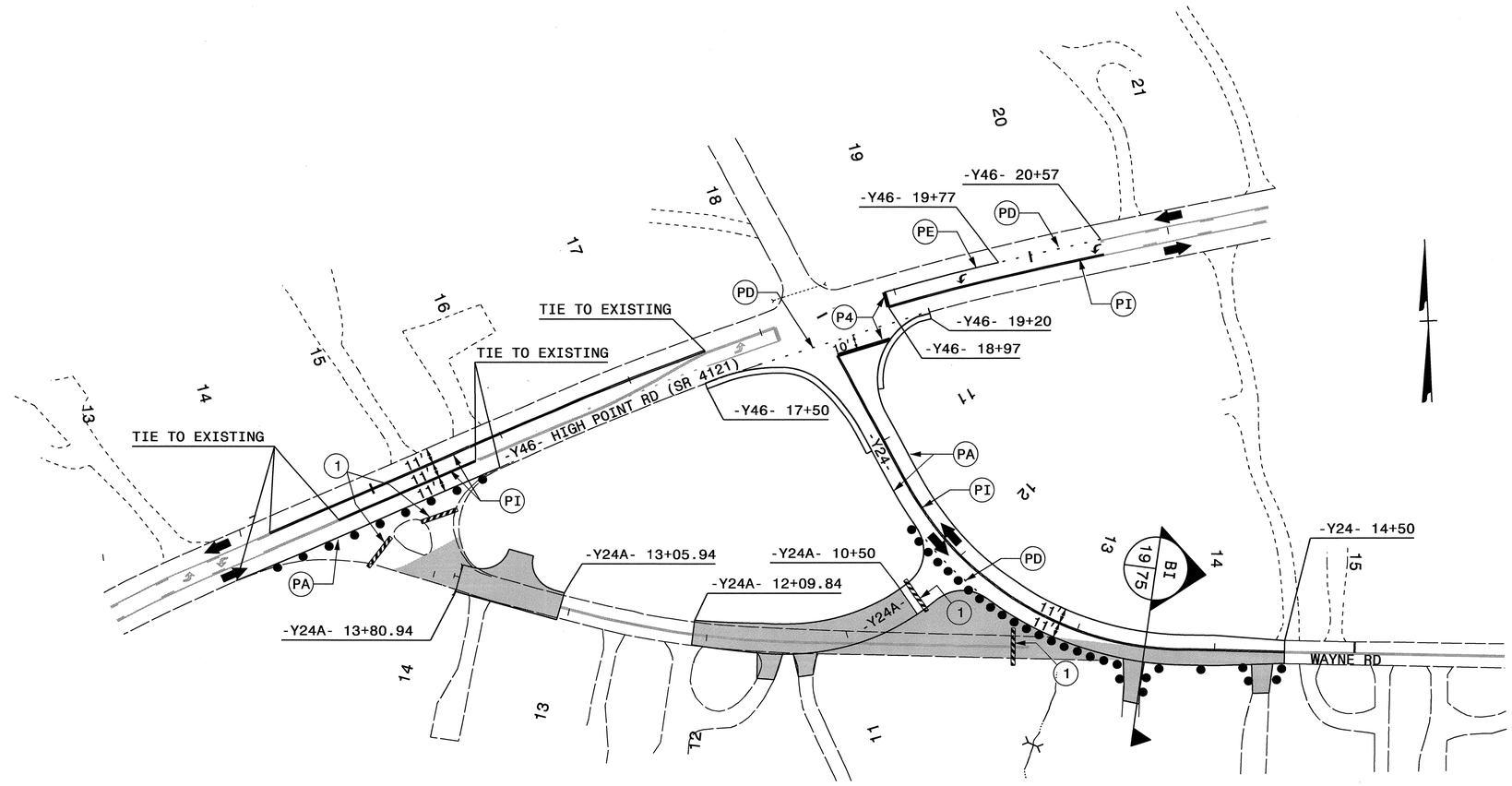
5/4/12

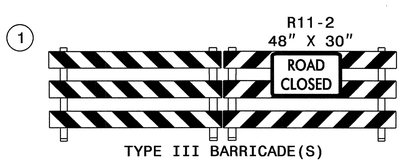
DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

PHASE I PLAN
-Y46- HIGH POINT RD
-Y24- WAYNE RD

02-MAY-2012 11:09
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-18_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-19





SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

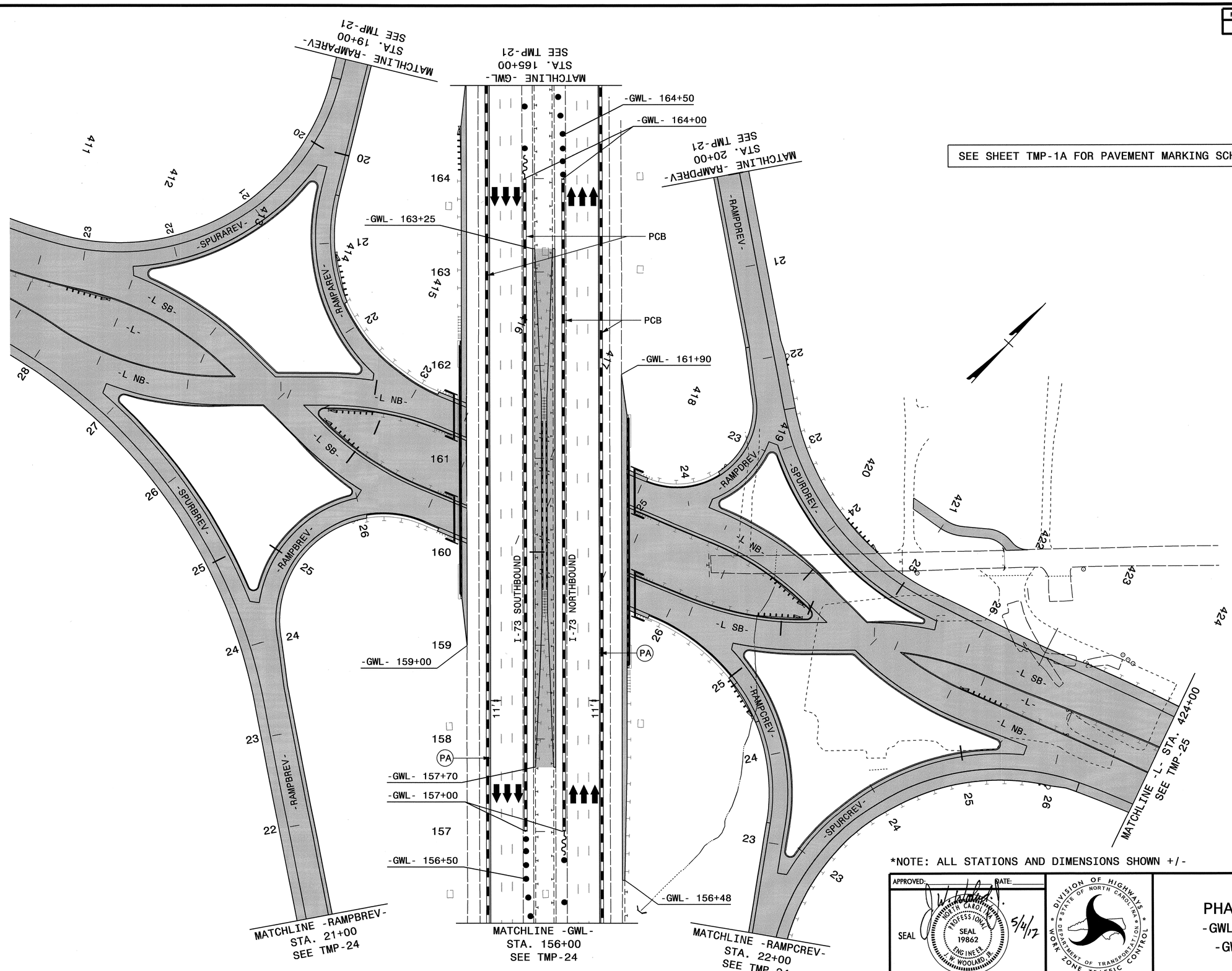
5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I PLAN
-Y46- HIGH POINT RD
-Y24- WAYNE RD

02-MAY-2012 11:09
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-19_phase01.dgn
tdonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-20



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

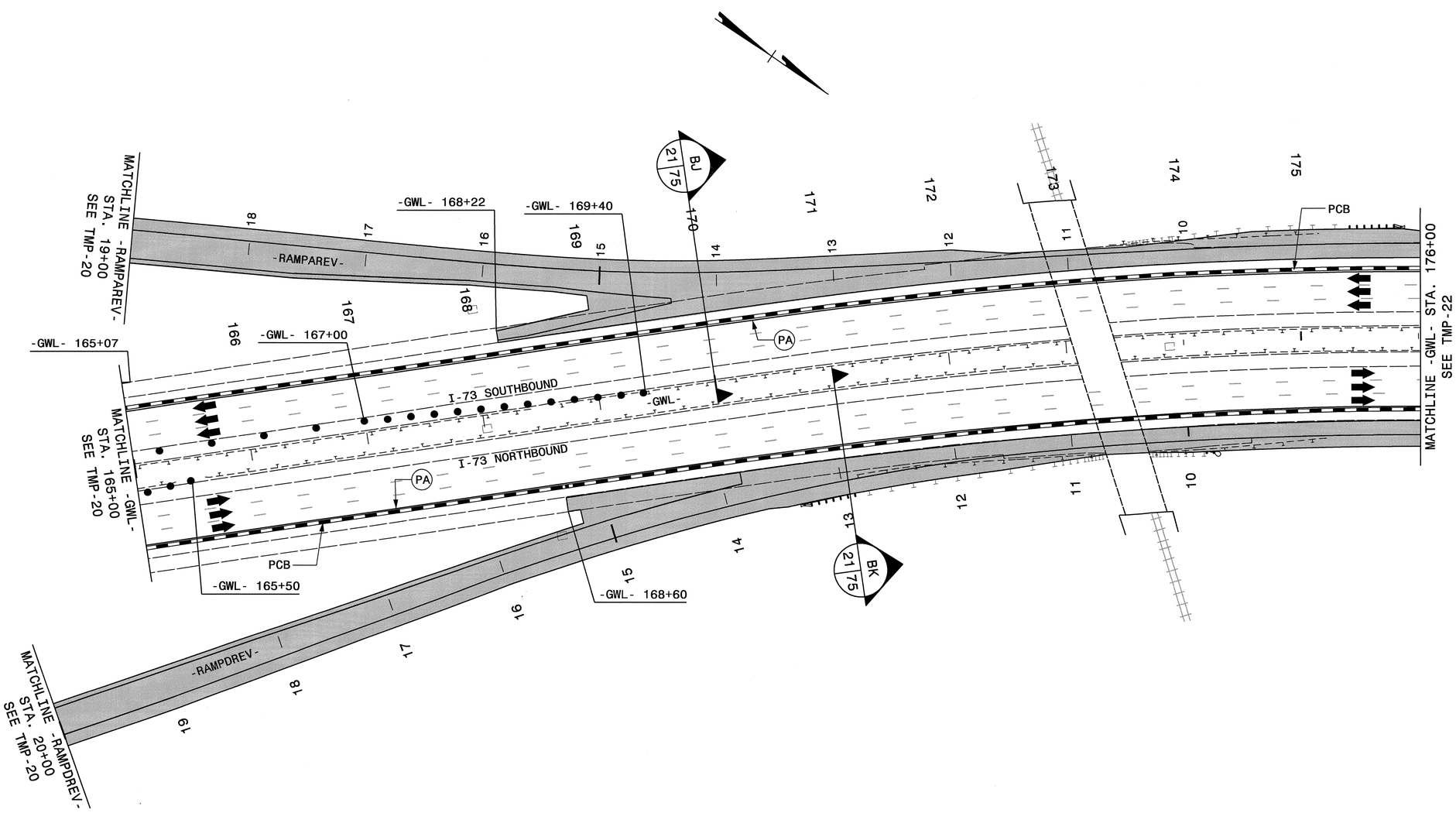
5/4/17

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I PLAN
-GWL- 156+00 TO -GWL- 164+00

02-MAY-2012 11:09
\\dot\dfsroot\Uproj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-20_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-21



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

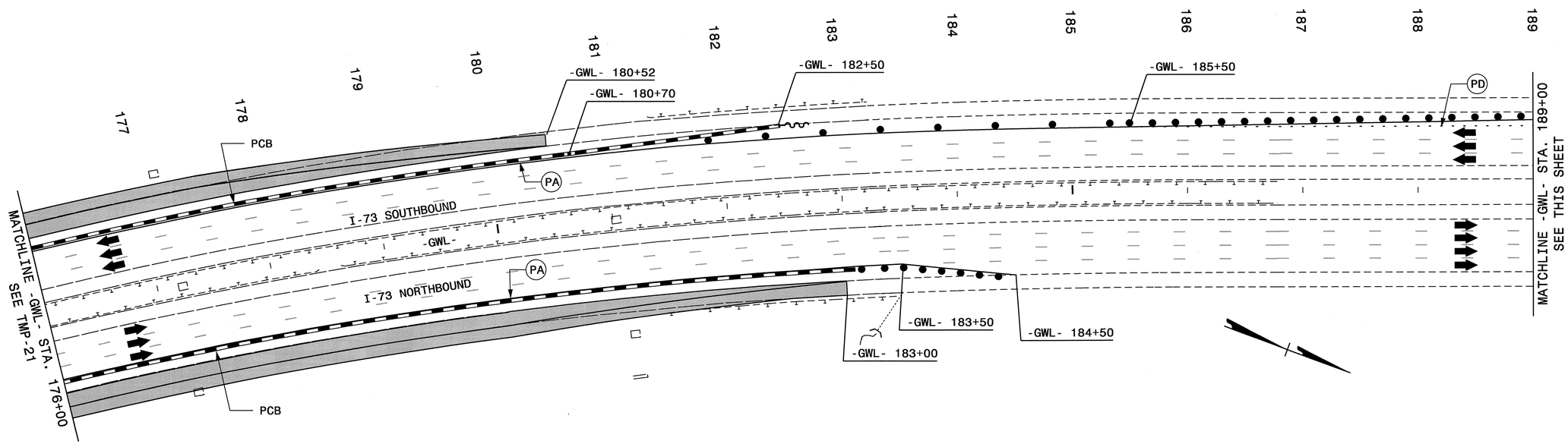
5/4/12

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

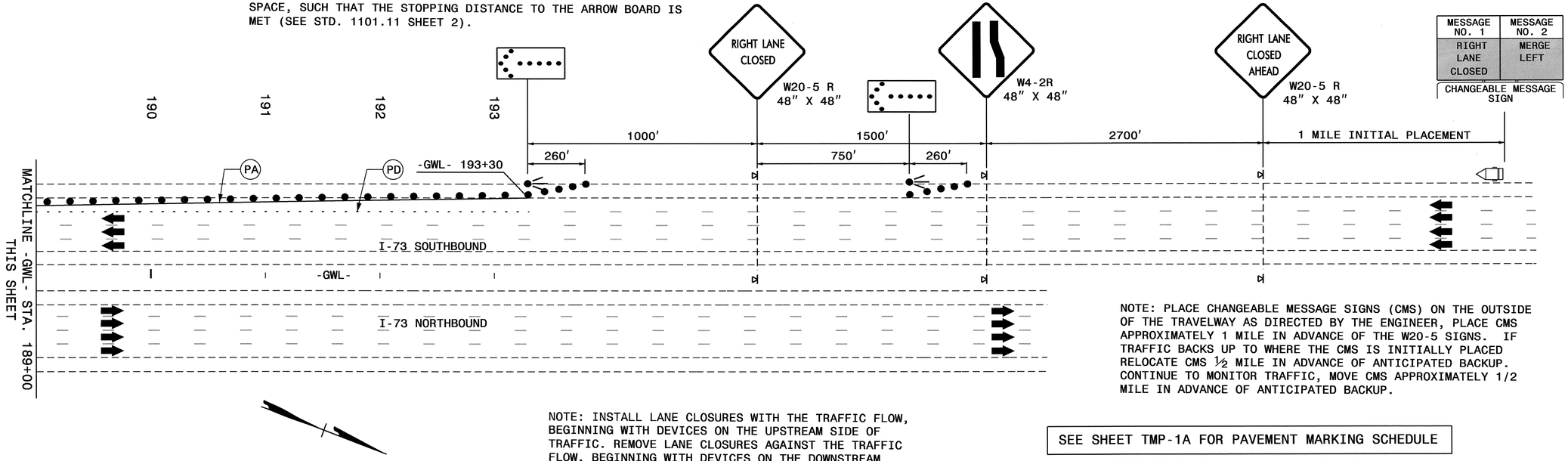
PHASE I PLAN
-GWL- 165+00 TO -GWL- 176+00

02-MAY-2012 11:09
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-21_phase01.dgn
idondaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-22



NOTE: PLACE ARROW BOARDS ON THE SHOULDER (PAVED OR UNPAVED). PLACE ARROW BOARDS WITHIN THE TAPER IF SHOULDERS DO NOT EXIST. MEET THE REQUIREMENTS FOR STOPPING SIGHT DISTANCE AT THE ARROW BOARD LOCATION. IF NEEDED, EXTEND LANE CLOSURES AT THE BUFFER SPACE, SUCH THAT THE STOPPING DISTANCE TO THE ARROW BOARD IS MET (SEE STD. 1101.11 SHEET 2).



NOTE: PLACE CHANGEABLE MESSAGE SIGNS (CMS) ON THE OUTSIDE OF THE TRAVELWAY AS DIRECTED BY THE ENGINEER, PLACE CMS APPROXIMATELY 1 MILE IN ADVANCE OF THE W20-5 SIGNS. IF TRAFFIC BACKS UP TO WHERE THE CMS IS INITIALLY PLACED RELOCATE CMS ½ MILE IN ADVANCE OF ANTICIPATED BACKUP. CONTINUE TO MONITOR TRAFFIC, MOVE CMS APPROXIMATELY 1/2 MILE IN ADVANCE OF ANTICIPATED BACKUP.

NOTE: INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.

SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

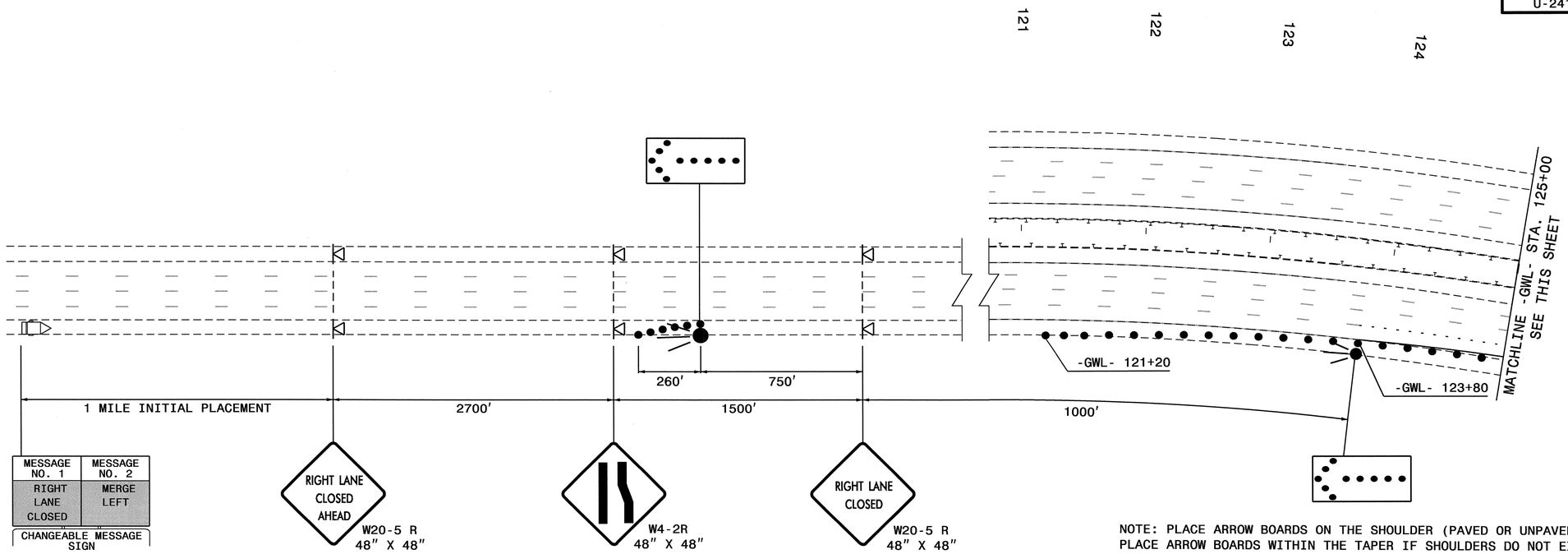
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I PLAN

-GWL-

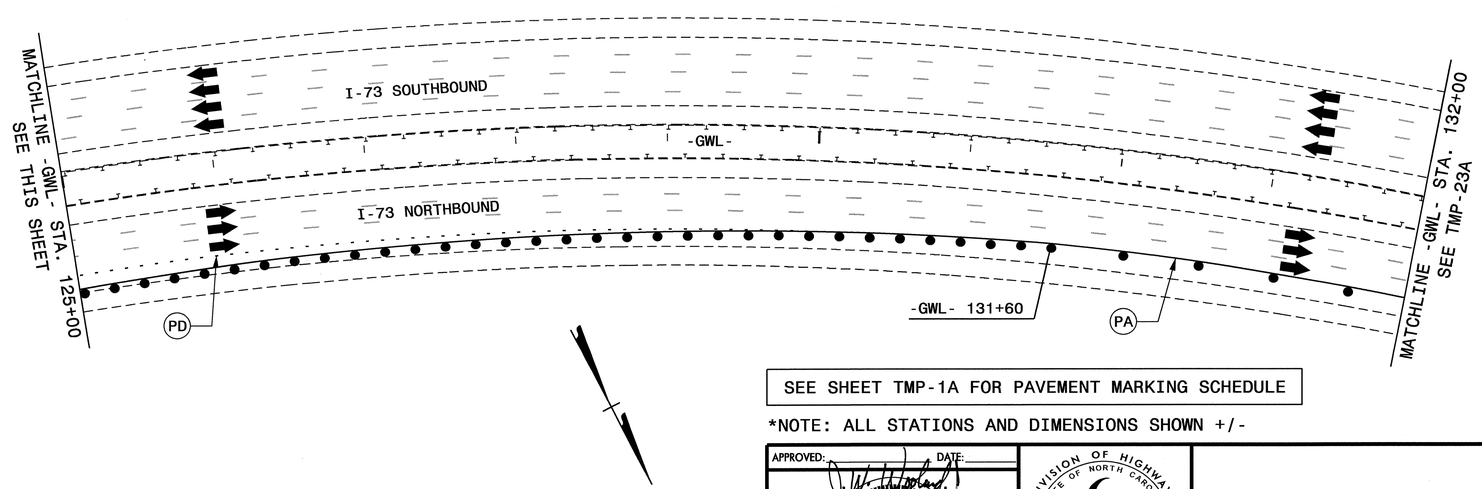
02-MAY-2012 11:09
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-22_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-23



NOTE: PLACE CHANGEABLE MESSAGE SIGNS (CMS) ON THE OUTSIDE OF THE TRAVELWAY AS DIRECTED BY THE ENGINEER, PLACE CMS APPROXIMATELY 1 MILE IN ADVANCE OF THE W20-5 SIGNS. IF TRAFFIC BACKS UP TO WHERE THE CMS IS INITIALLY PLACED RELOCATE CMS ½ MILE IN ADVANCE OF ANTICIPATED BACKUP. CONTINUE TO MONITOR TRAFFIC, MOVE CMS APPROXIMATELY 1/2 MILE IN ADVANCE OF ANTICIPATED BACKUP.

NOTE: PLACE ARROW BOARDS ON THE SHOULDER (PAVED OR UNPAVED). PLACE ARROW BOARDS WITHIN THE TAPER IF SHOULDERS DO NOT EXIST. MEET THE REQUIREMENTS FOR STOPPING SIGHT DISTANCE AT THE ARROW BOARD LOCATION. IF NEEDED, EXTEND LANE CLOSURES AT THE BUFFER SPACE, SUCH THAT THE STOPPING DISTANCE TO THE ARROW BOARD IS MET (SEE STD. 1101.11 SHEET 2).



NOTE: INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.

SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE: 5/4/12

SEAL

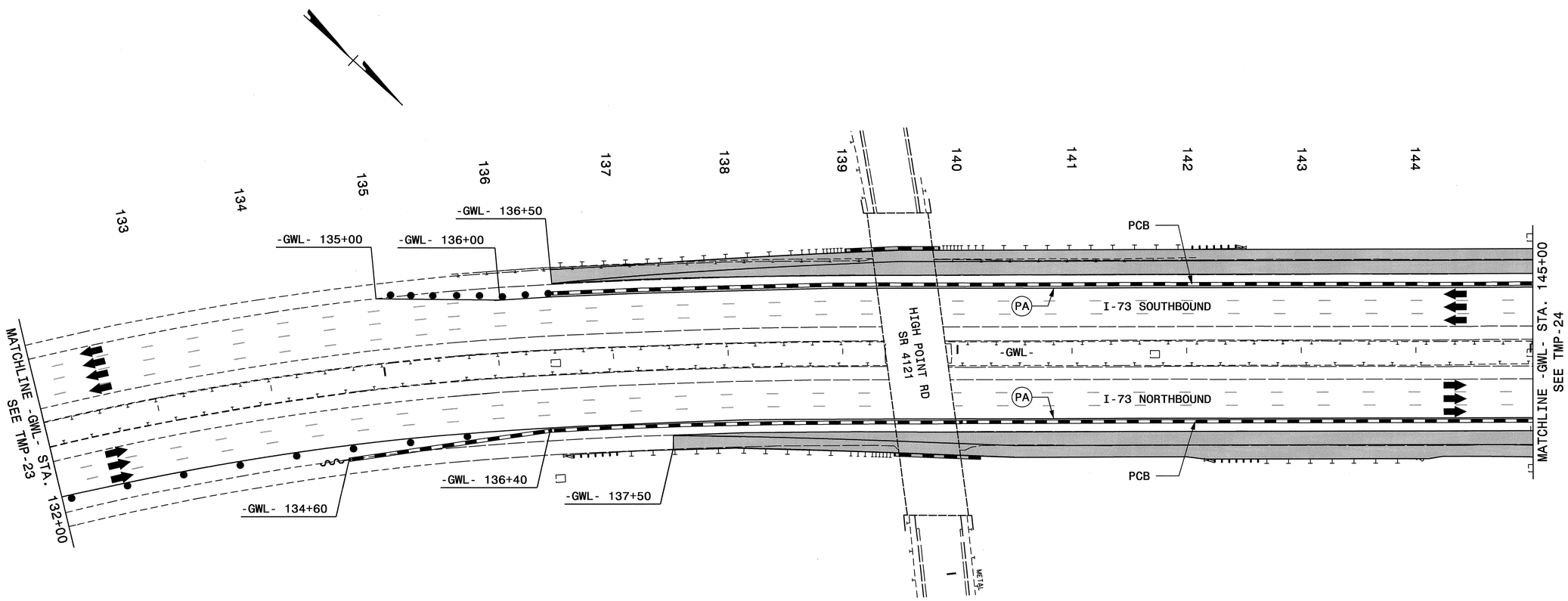
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE I PLAN

-GWL-

02-MAY-2012 11:09
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-23_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-23A



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

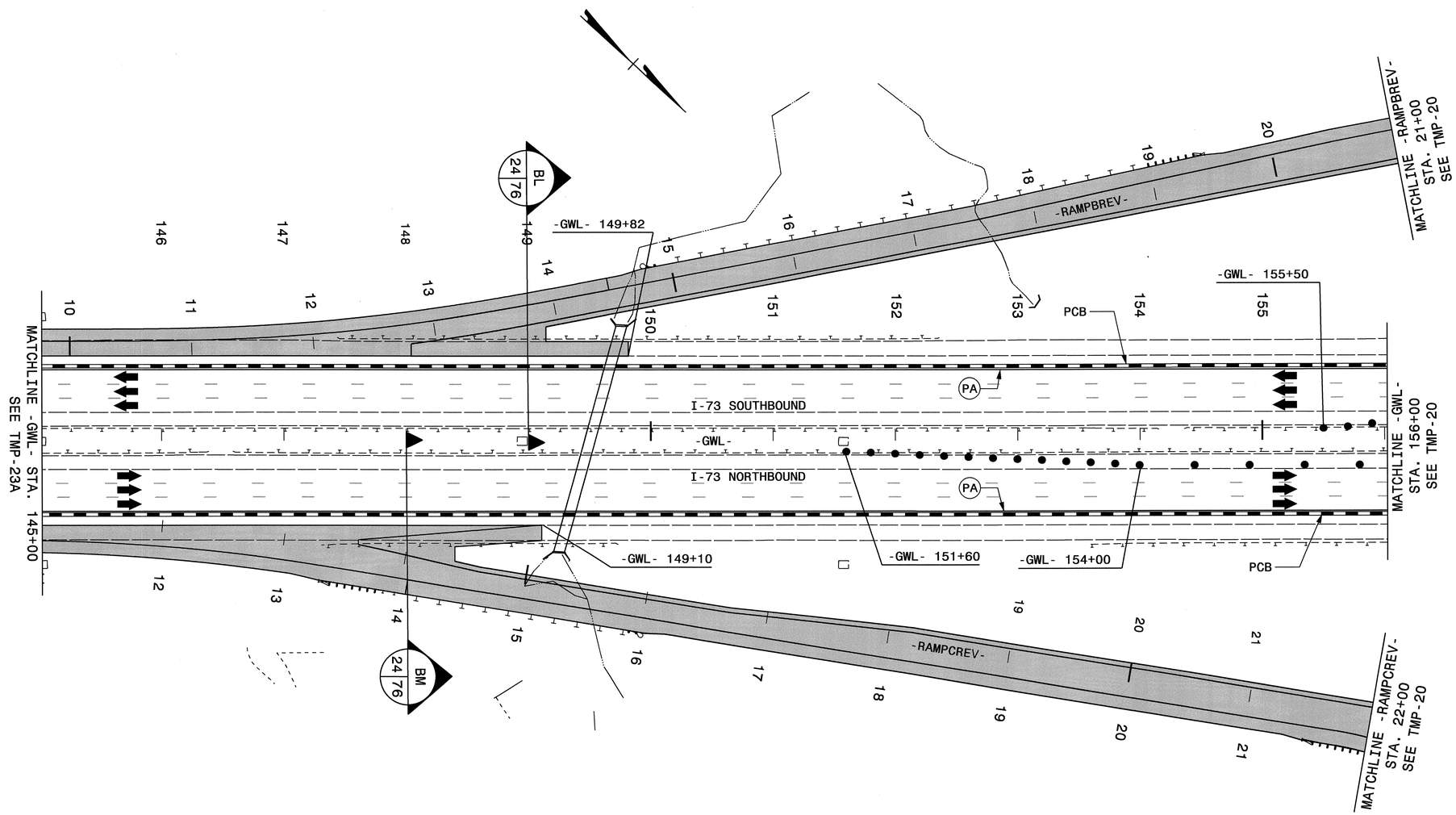
5/4/12

DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

PHASE I PLAN
-GWL- 121+00 TO -GWL- 145+00

02-MAY-2012 11:09
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-23A_phase01.dgn
idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-24



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

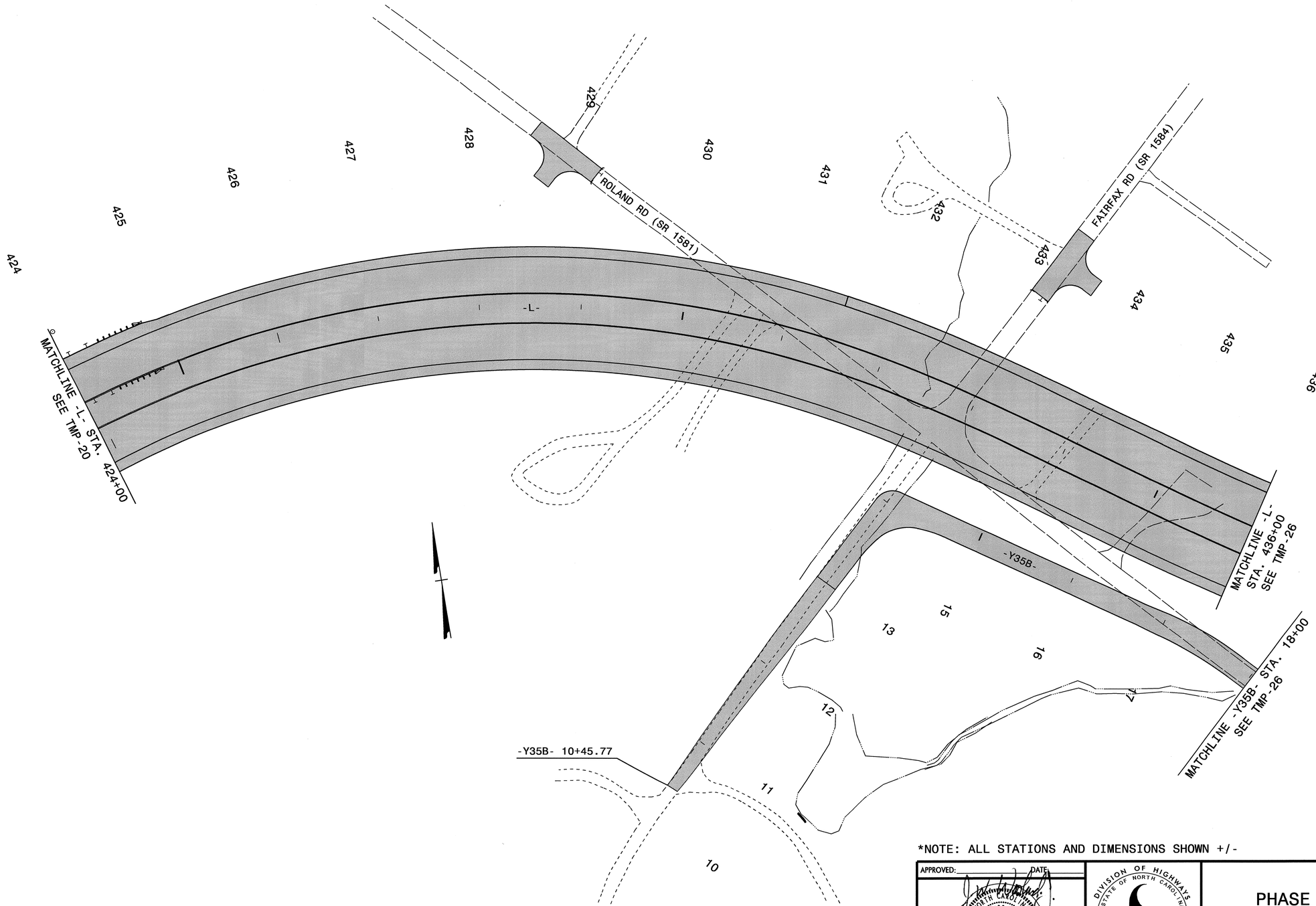
5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I PLAN
-GWL- 145+00 TO -GWL- 156+00

02-MAY-2012 11:09
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-24_phase01.dgn
rdonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-25



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

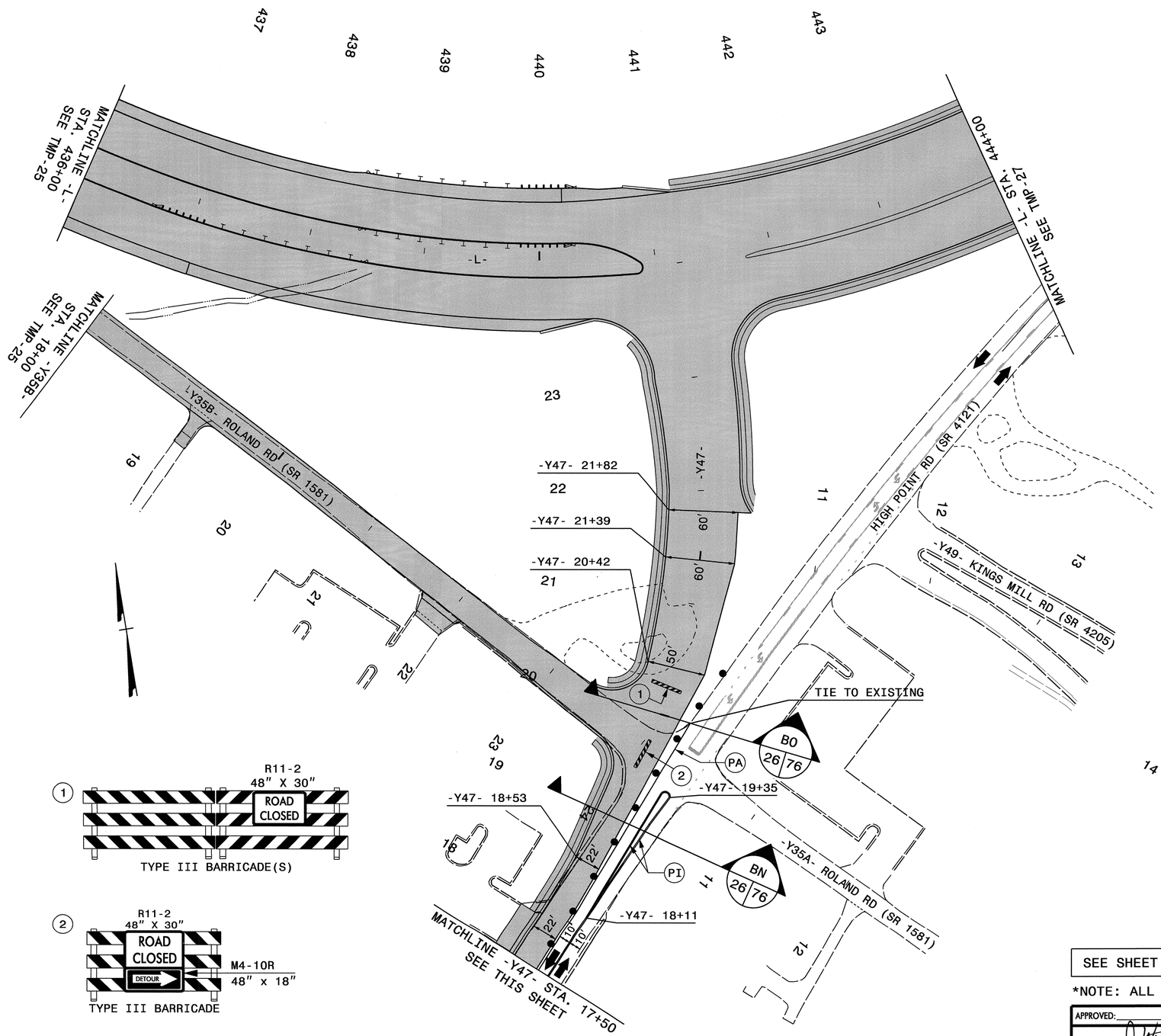
PHASE I PLAN

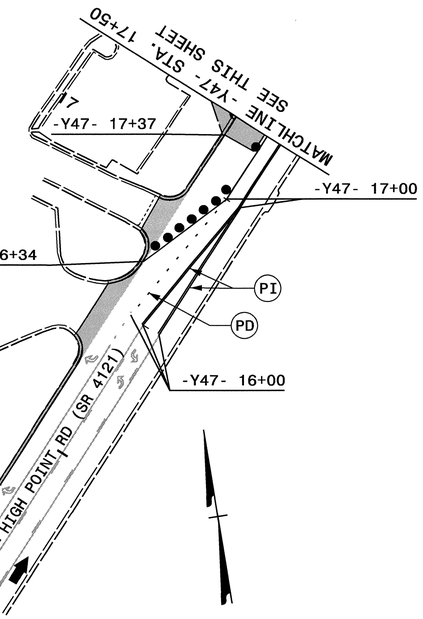
-Y35B-

-L- 424+00 TO -L- 436+00

02-MAY-2012 11:09
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-25_phase01.dgn
tdonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-26





SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I PLAN

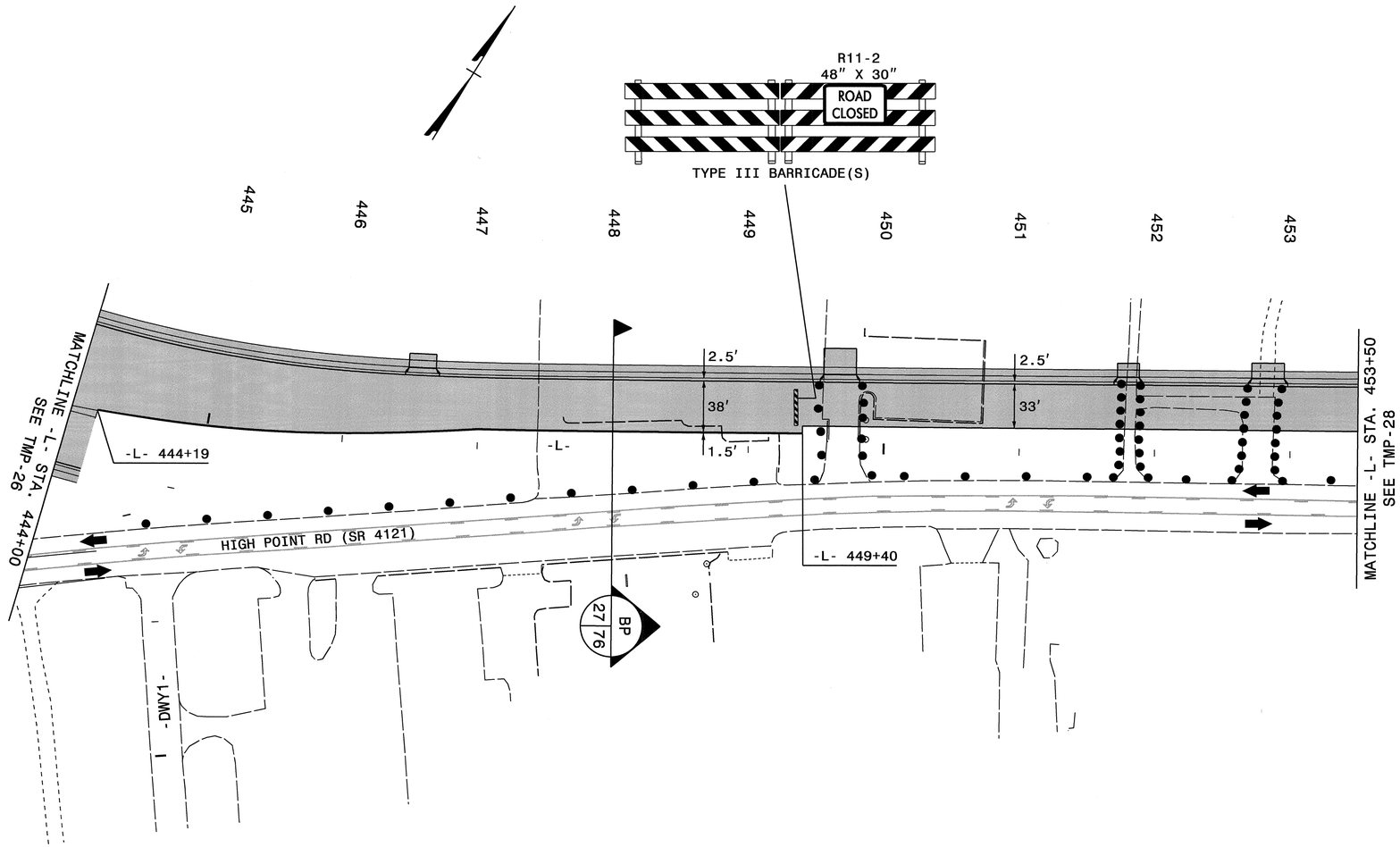
-Y35A-, -Y35B-

-Y47-, -Y49-

-L- 436+00 TO -L- 444+00

02-MAY-2012 11:09
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\TrafficTrafficControl\TCP\U2412B_TC_TMP_TMP-26_phaseOl.dgn
Idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-27



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR. 5/4/12

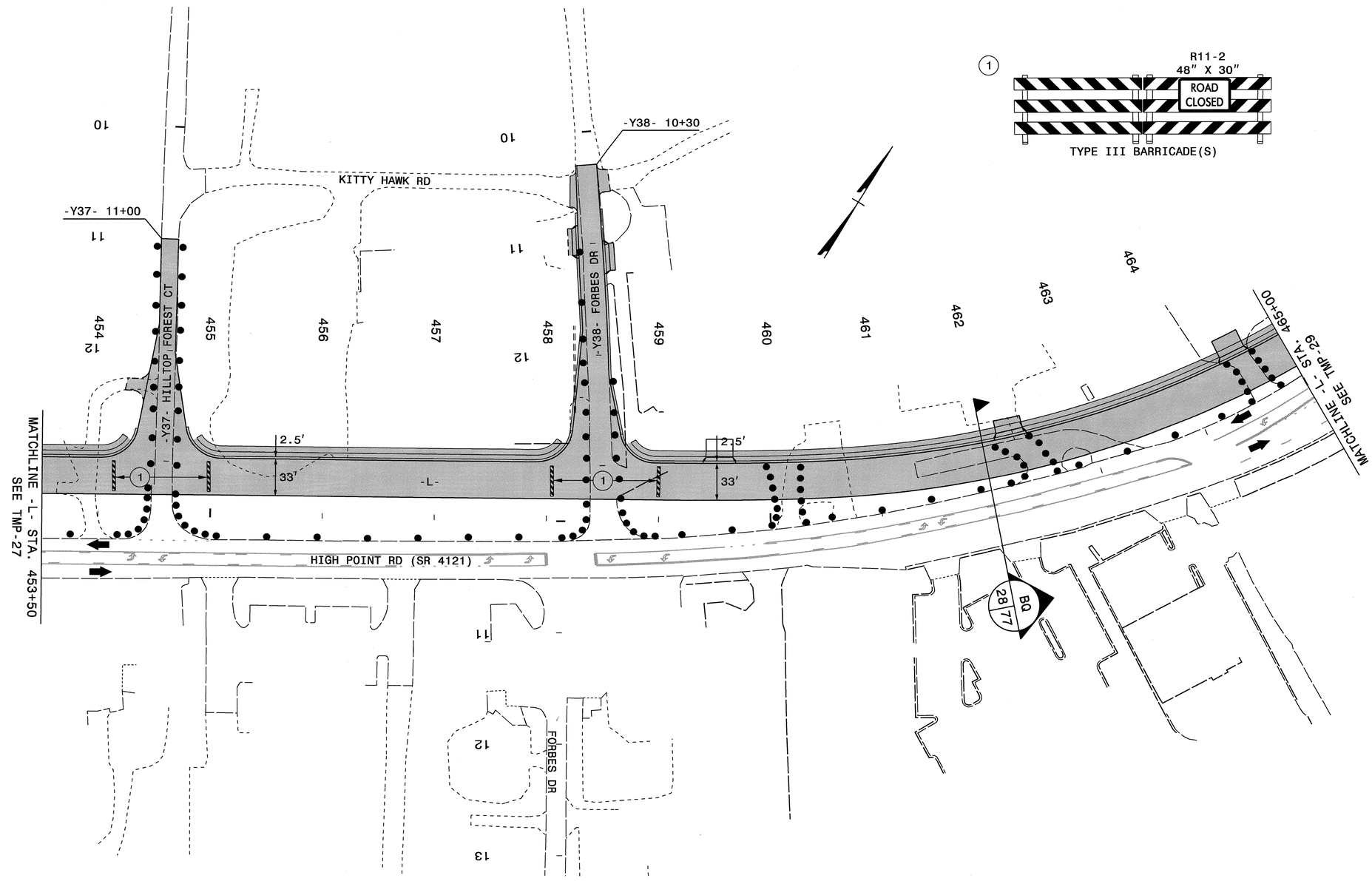
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I PLAN

-L- 444+00 TO -L- 453+50

02-MAY-2012 11:08
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-27_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-28



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

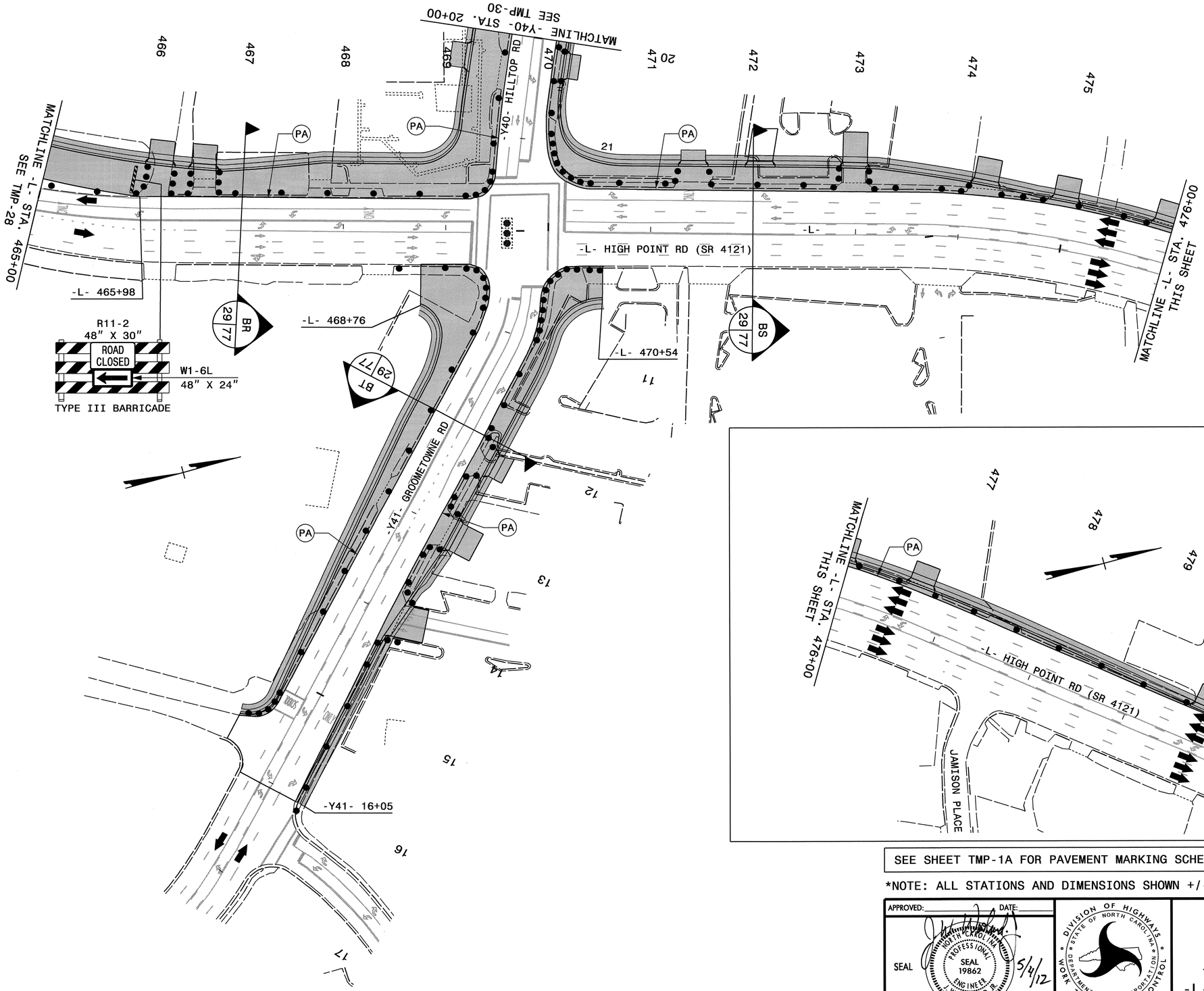
PHASE I PLAN

-Y37-, -Y38-

-L- 453+00 TO -L- 465+00

02-MAY-2012 11:08
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-28_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-29



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

PHASE I PLAN

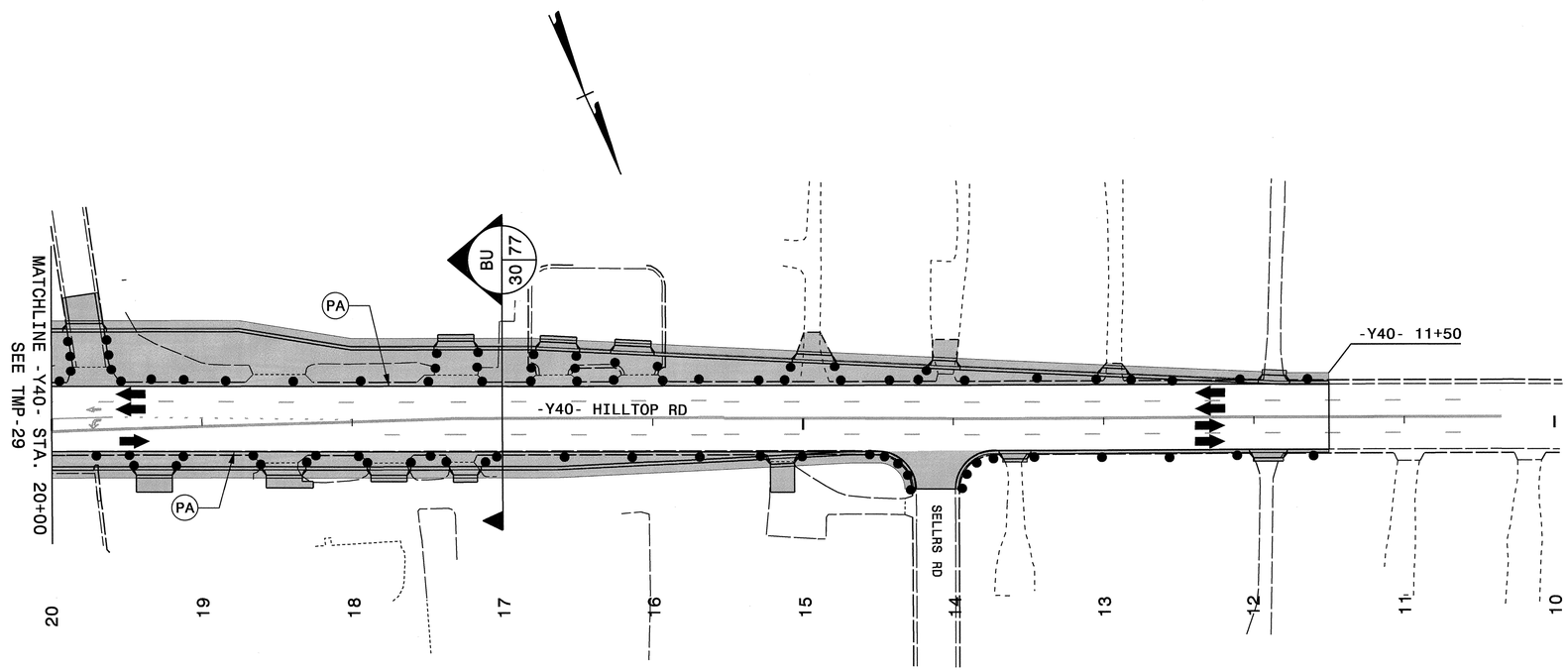
-Y40- HILLTOP RD

-Y41- GROOMETOWNE RD

-L- 465+00 TO -L- 480+20

02-MAY-2012 11:08
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-29_phase01.dgn
idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-30



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR.

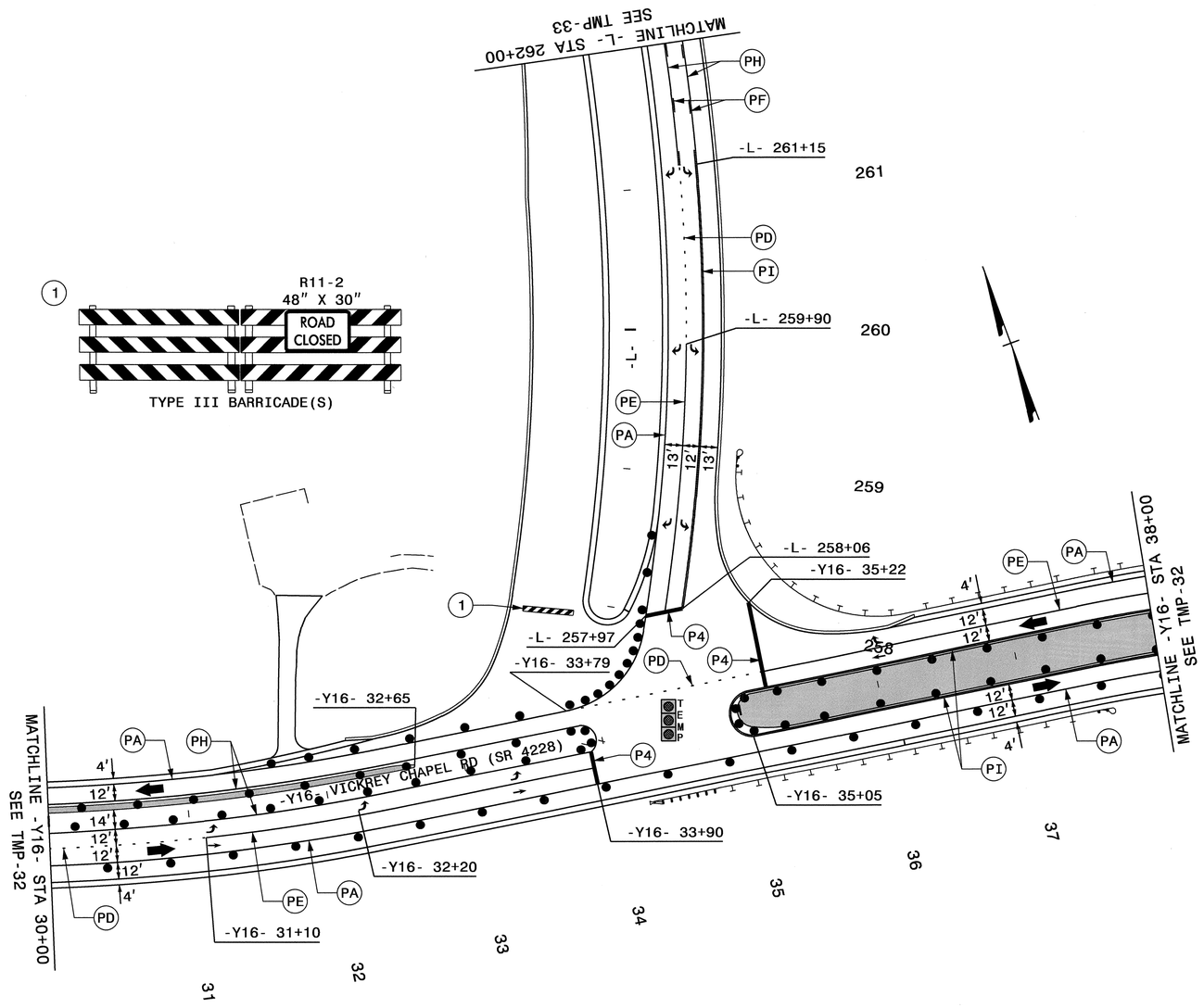
5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE I PLAN
-Y40- HILLTOP RD

02-MAY-2012 11:08
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-30_phase01.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-31



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

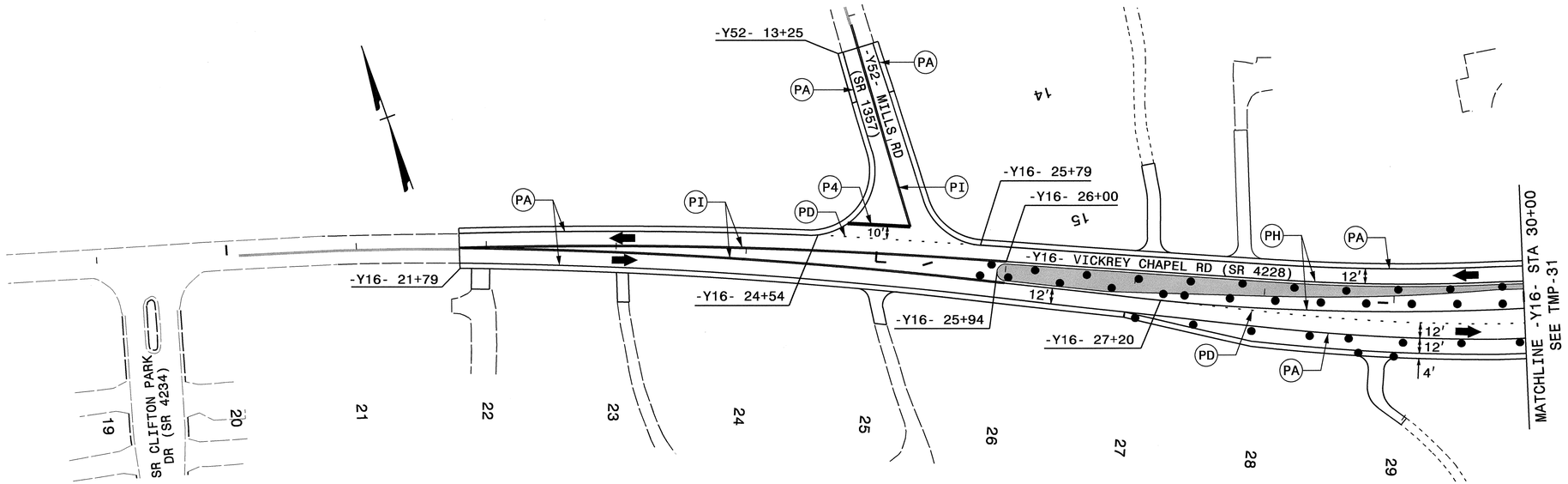
5/4/12

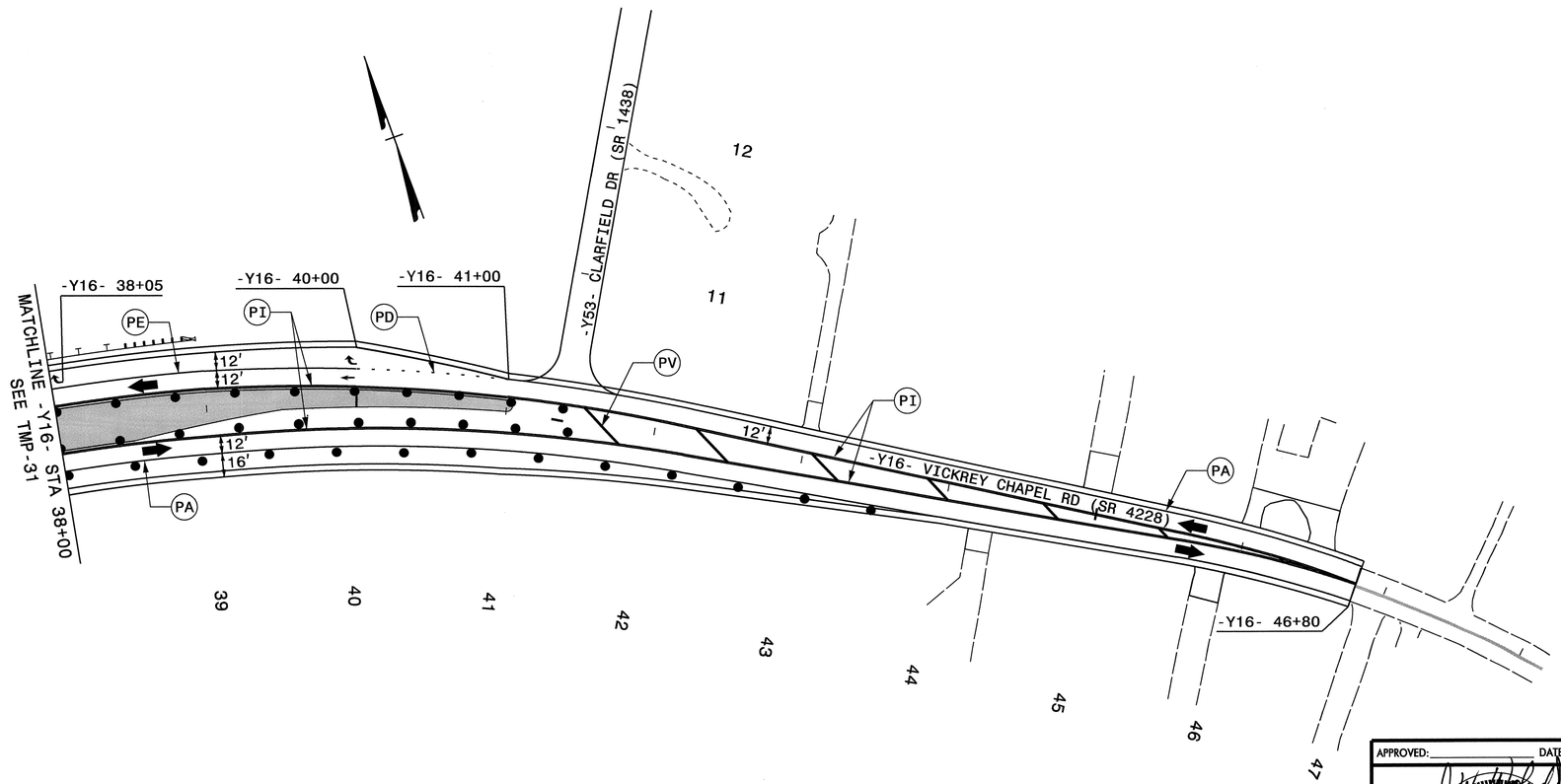
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE II PLAN
-Y16- VICKREY CHAPEL RD

02-MAY-2012 11:08
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-31_phase02.dgn
ldondson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-32





SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

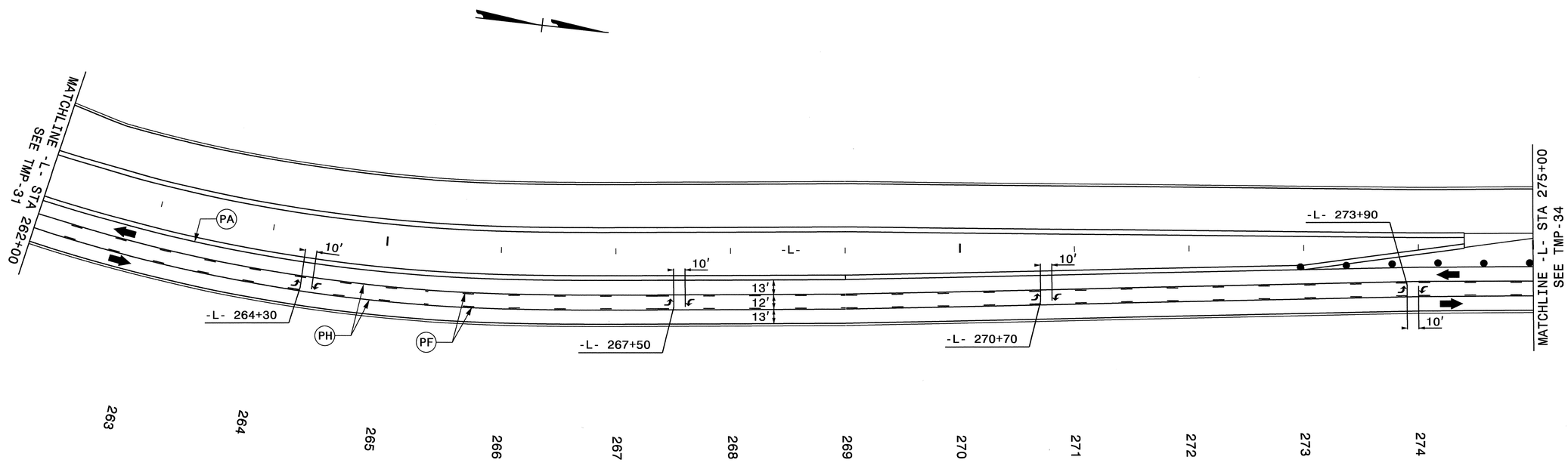
DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE II PLAN

-Y16- VICKREY CHAPEL RD

02-MAY-2012 11:08
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-32_phase02.dgn
rdonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-33



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED:_____ DATE:_____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

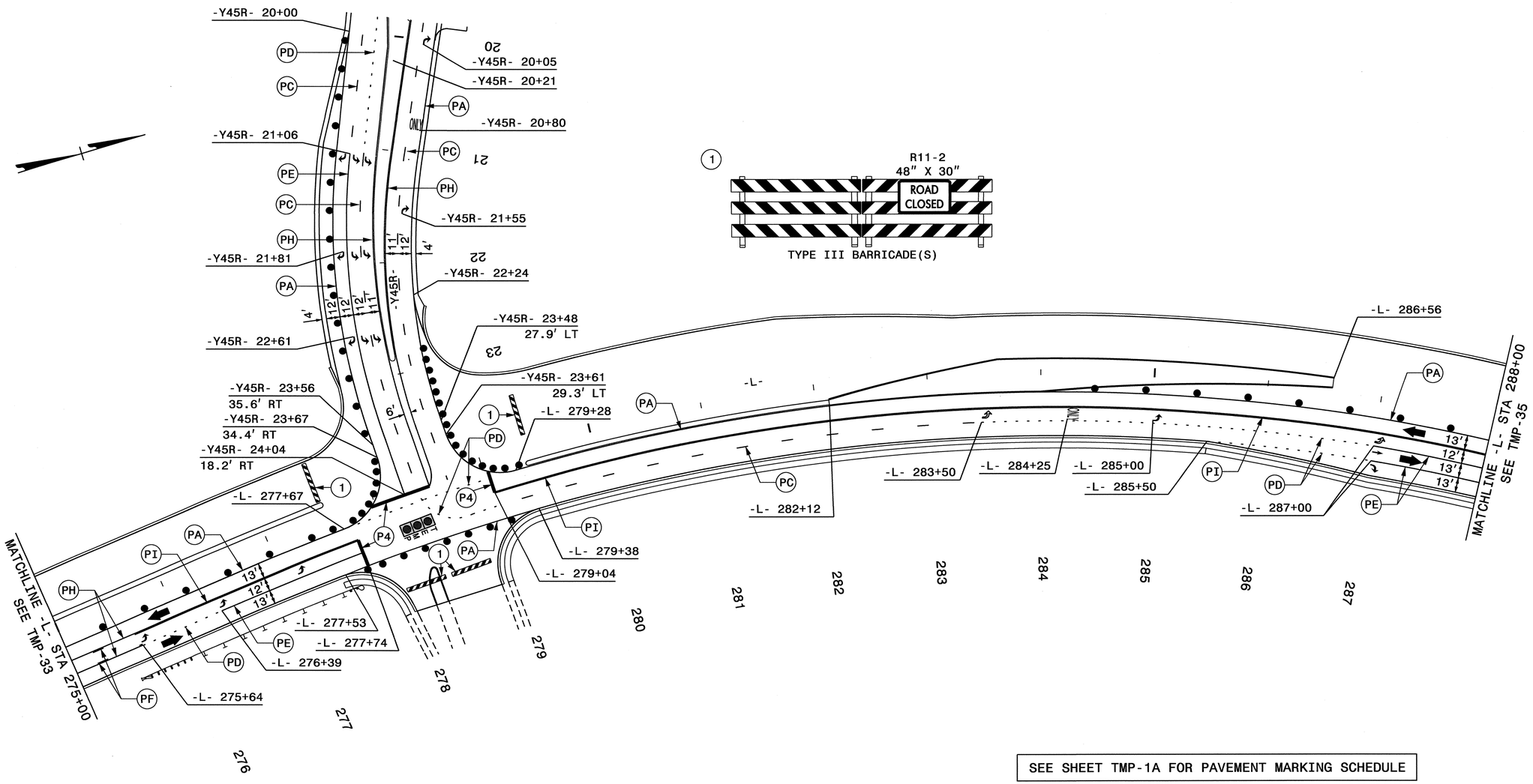
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE II PLAN

-L- 262+00 TO -L- 275+00

02-MAY-2012 11:07
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-33_phase02.dgn
idondldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-34



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

6/8/12

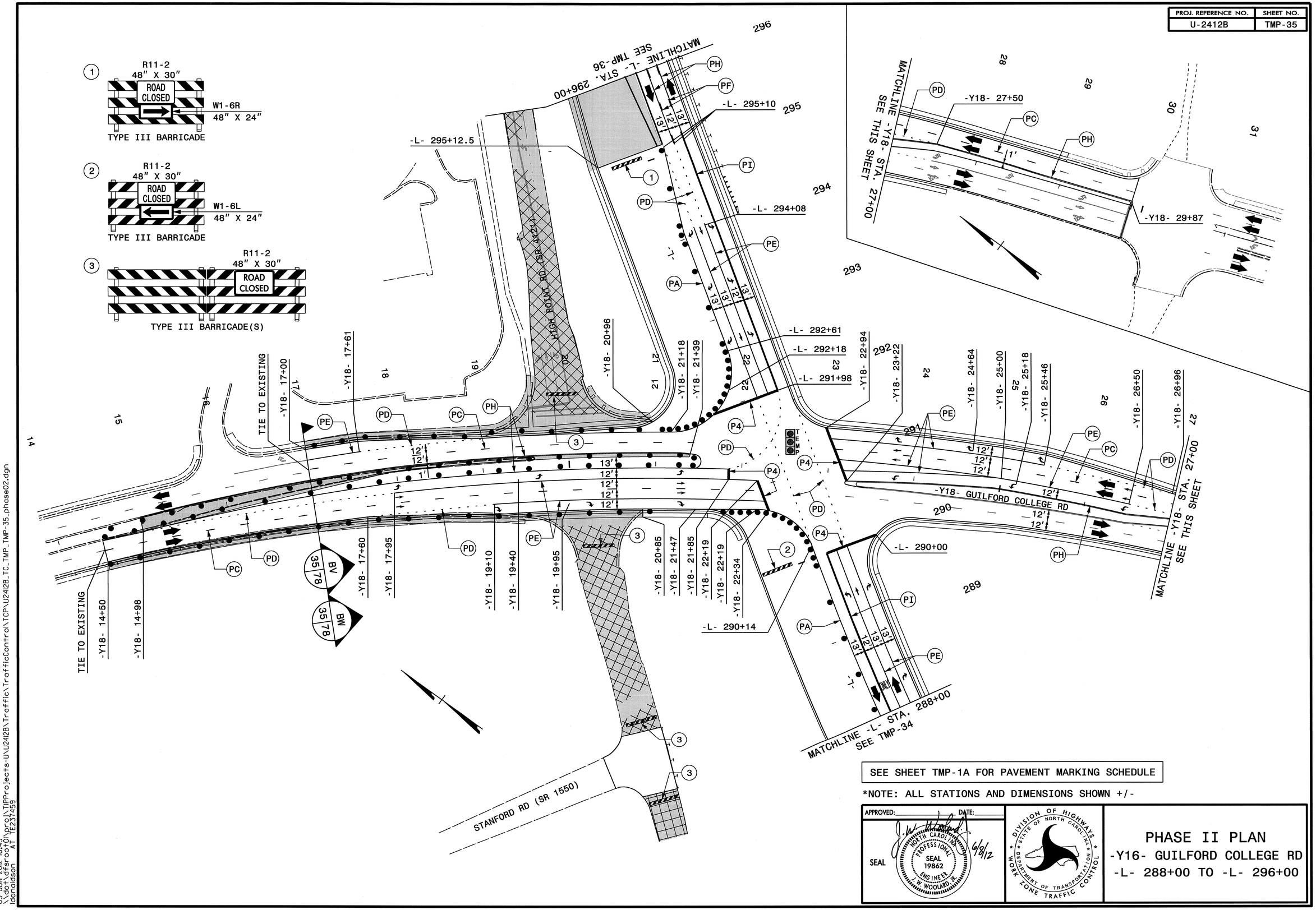
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE II PLAN

-L- 275+00 TO -L- 288+00

06-JUN-2012 11:58
\\dot\dfsr00f01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-34_phase02.dgn
ldonaldson AT TE26392

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-35



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR.

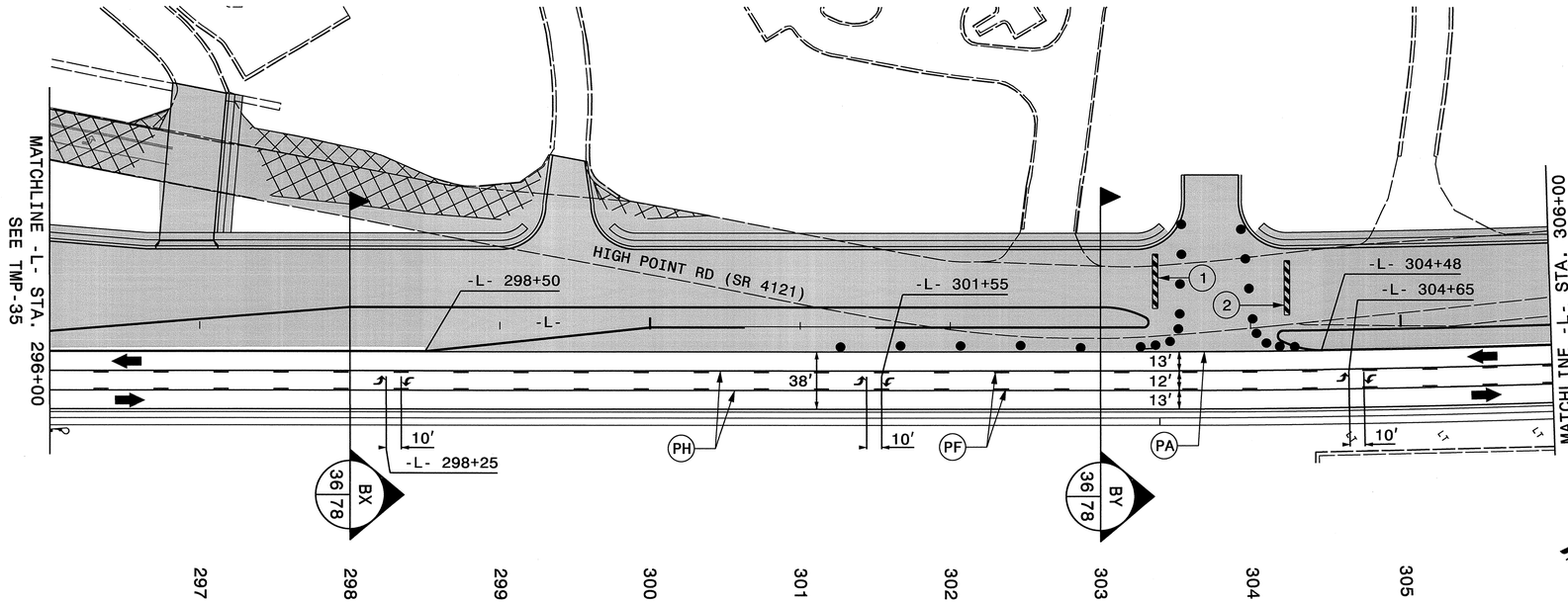
6/8/12

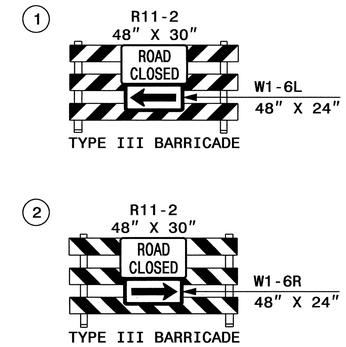
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

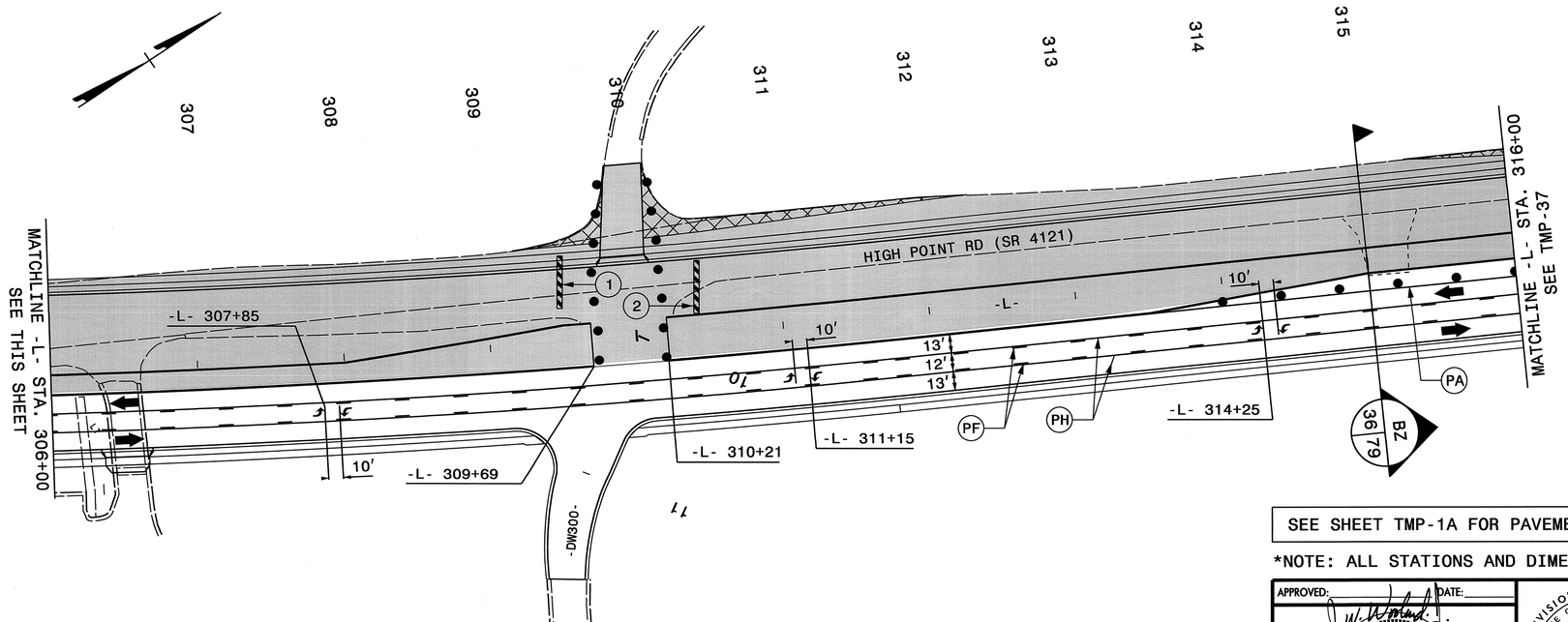
PHASE II PLAN
-Y16- GUILFORD COLLEGE RD
-L- 288+00 TO -L- 296+00

05-JUN-2012 16:43
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-35_phase02.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-36







SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

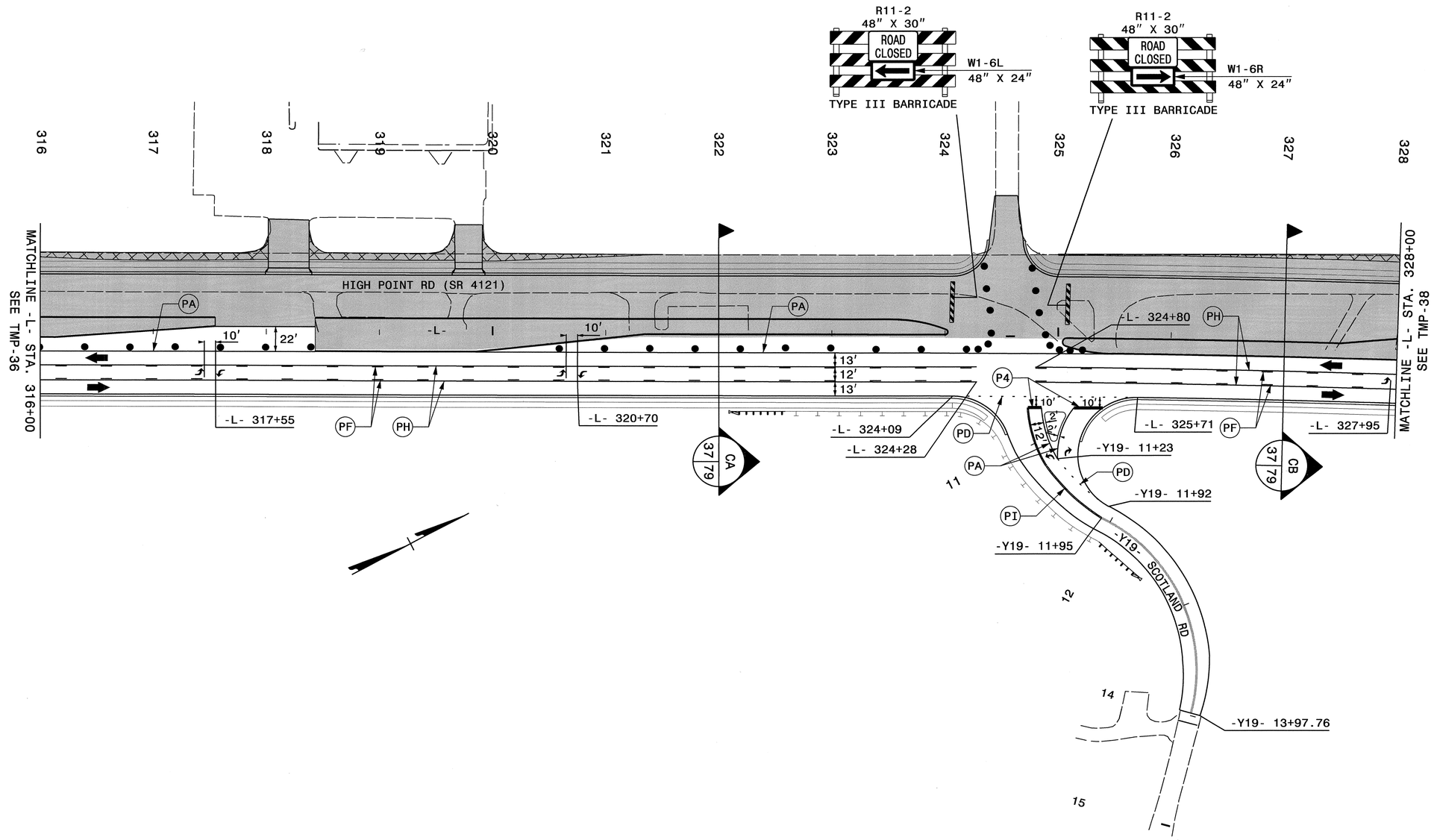
6/8/12

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE II PLAN
-L- 296+00 TO -L- 316+00

06-JUN-2012 12:10
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-36_phase02.dgn
ldonaldson AT TE261392

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-37



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

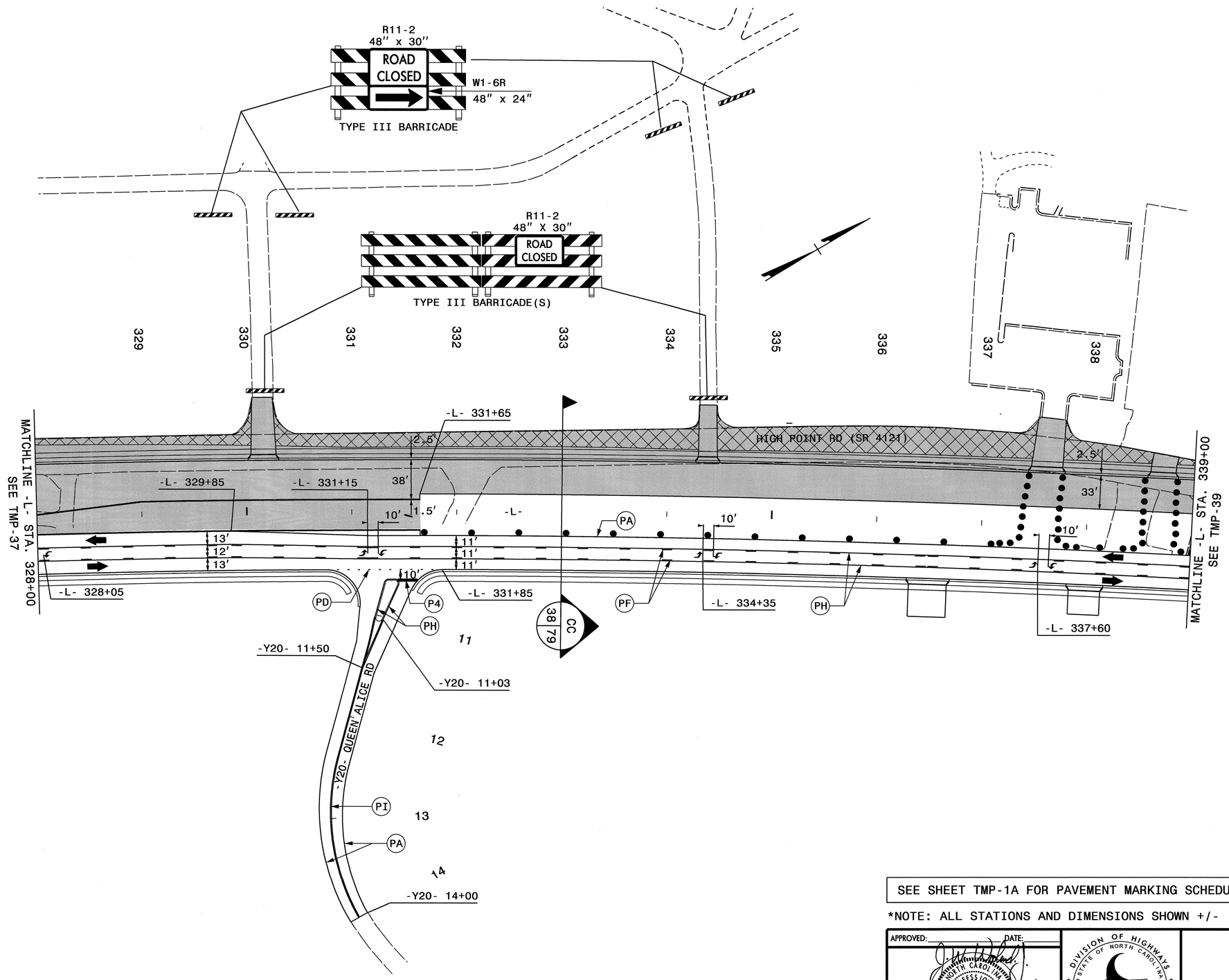
PHASE II PLAN

-Y19- SCOTLAND RD

-L- 316+00 TO -L- 328+00

02-MAY-2012 11:07
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-37_phase02.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-38



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

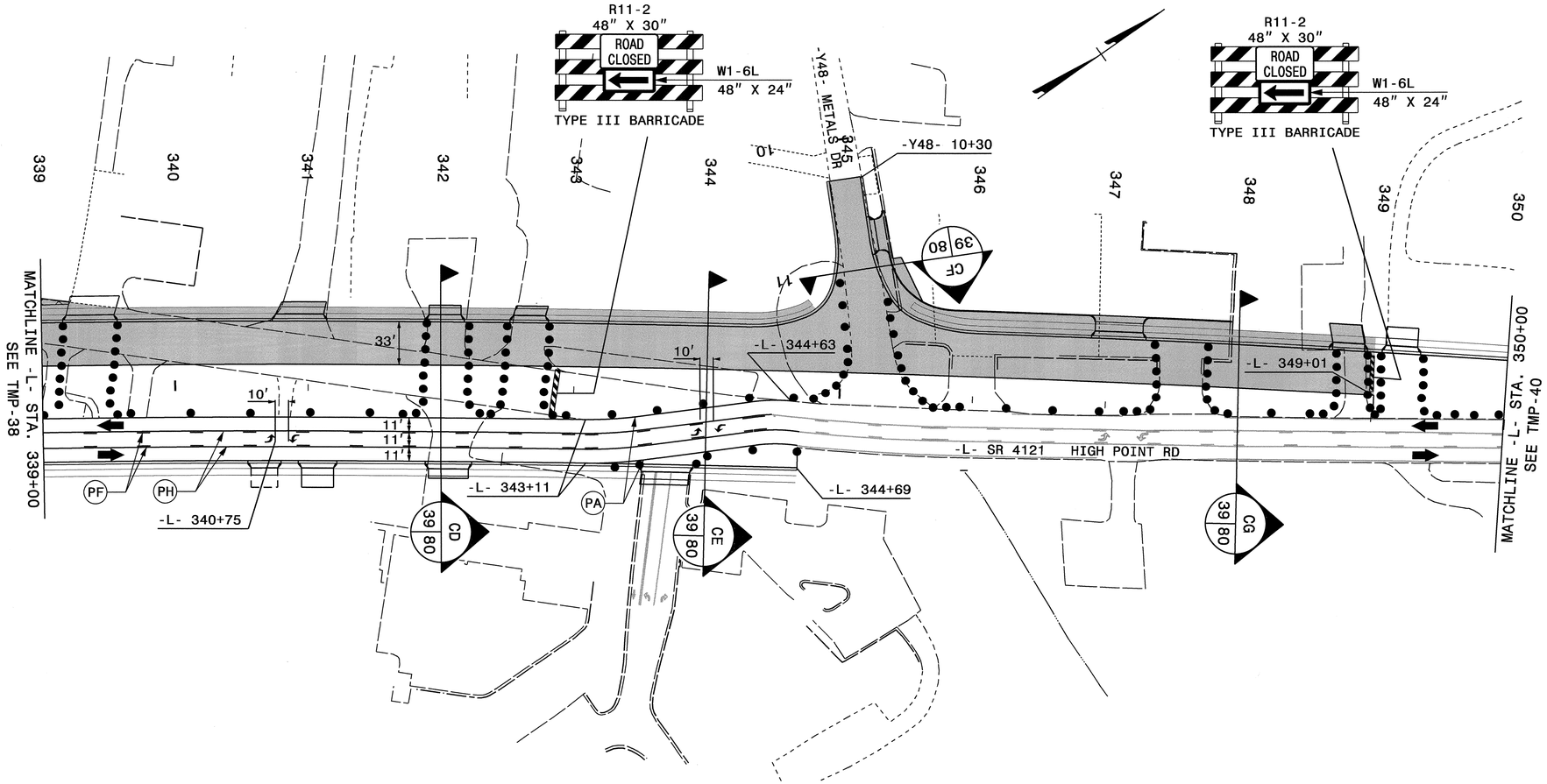
5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE II PLAN
-Y20- QUEEN ALICE RD
-L- 328+00 TO -L- 339+00

02-MAY-2012 11:07
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-38_phase02.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-39



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR.

5/4/12

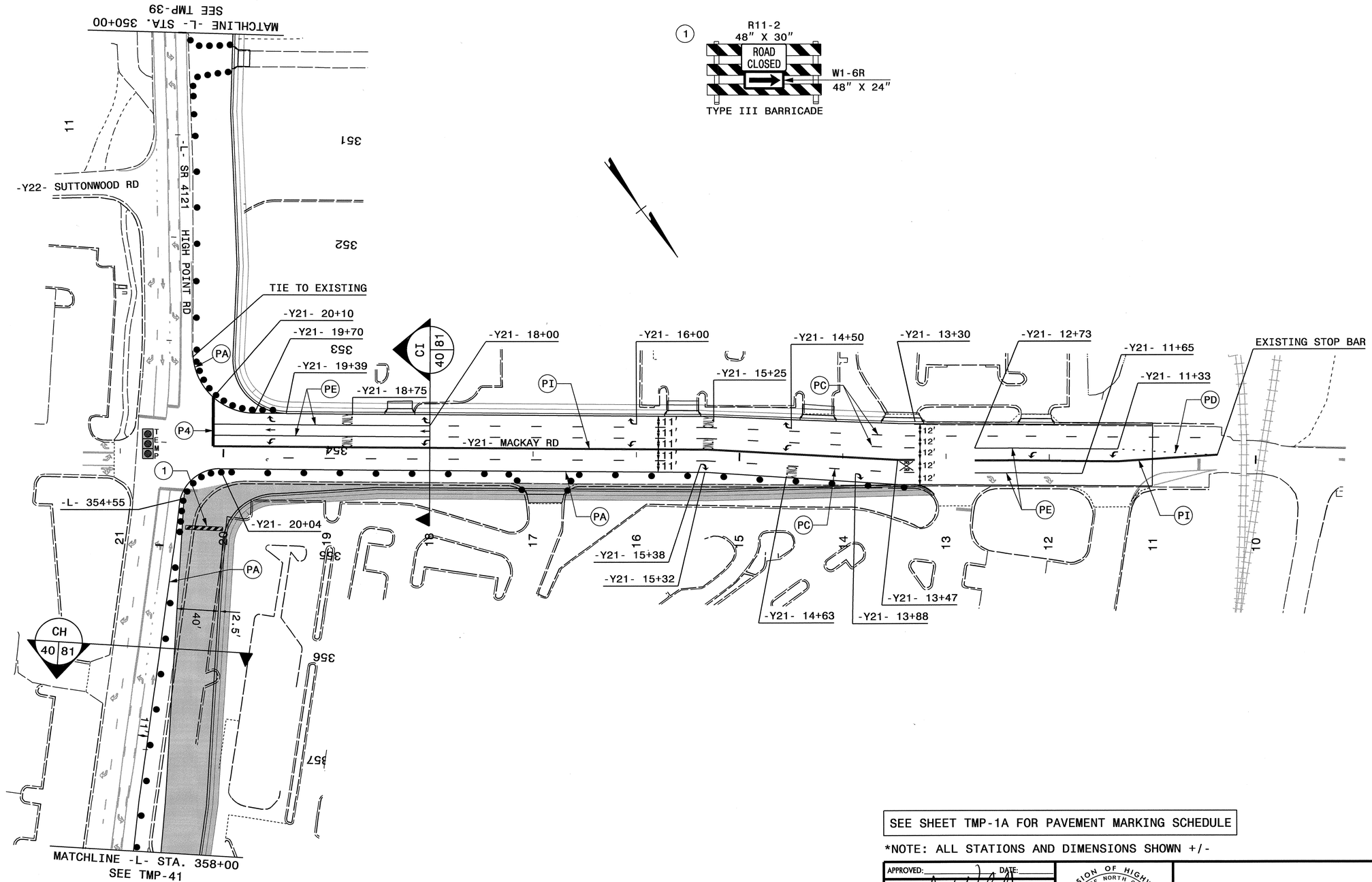
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE II PLAN

-L- 339+00 TO -L- 350+00

02-MAY-2012 11:07
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-39_phase02.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-40



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

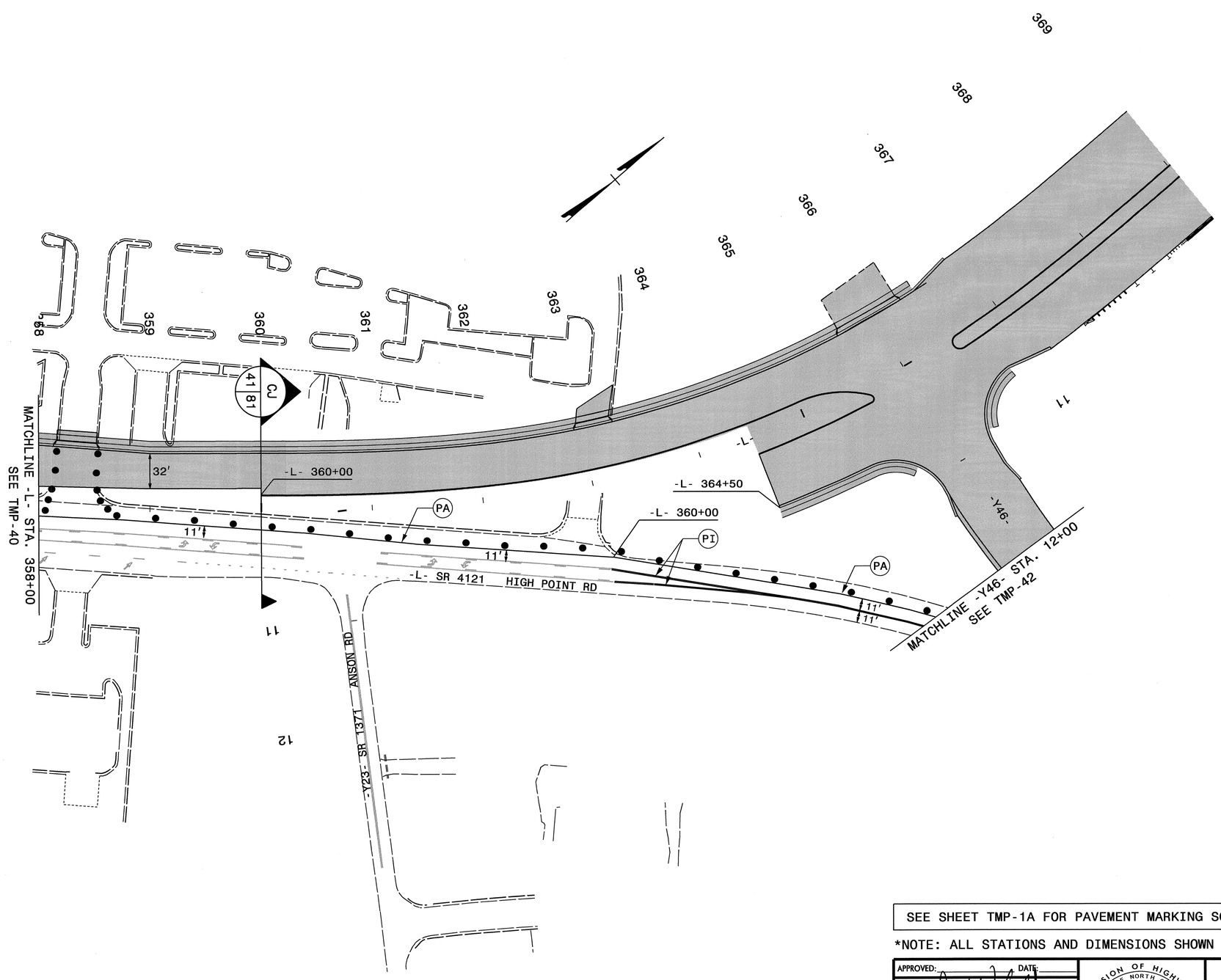
PHASE II PLAN

-Y21- MCKAY RD

-L- 350+00 TO -L- 358+00

02-MAY-2012 11:07
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\TrafficTrafficControl\TCP\U2412B_TC_TMP_TMP-40_phase02.dgn
idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-41



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

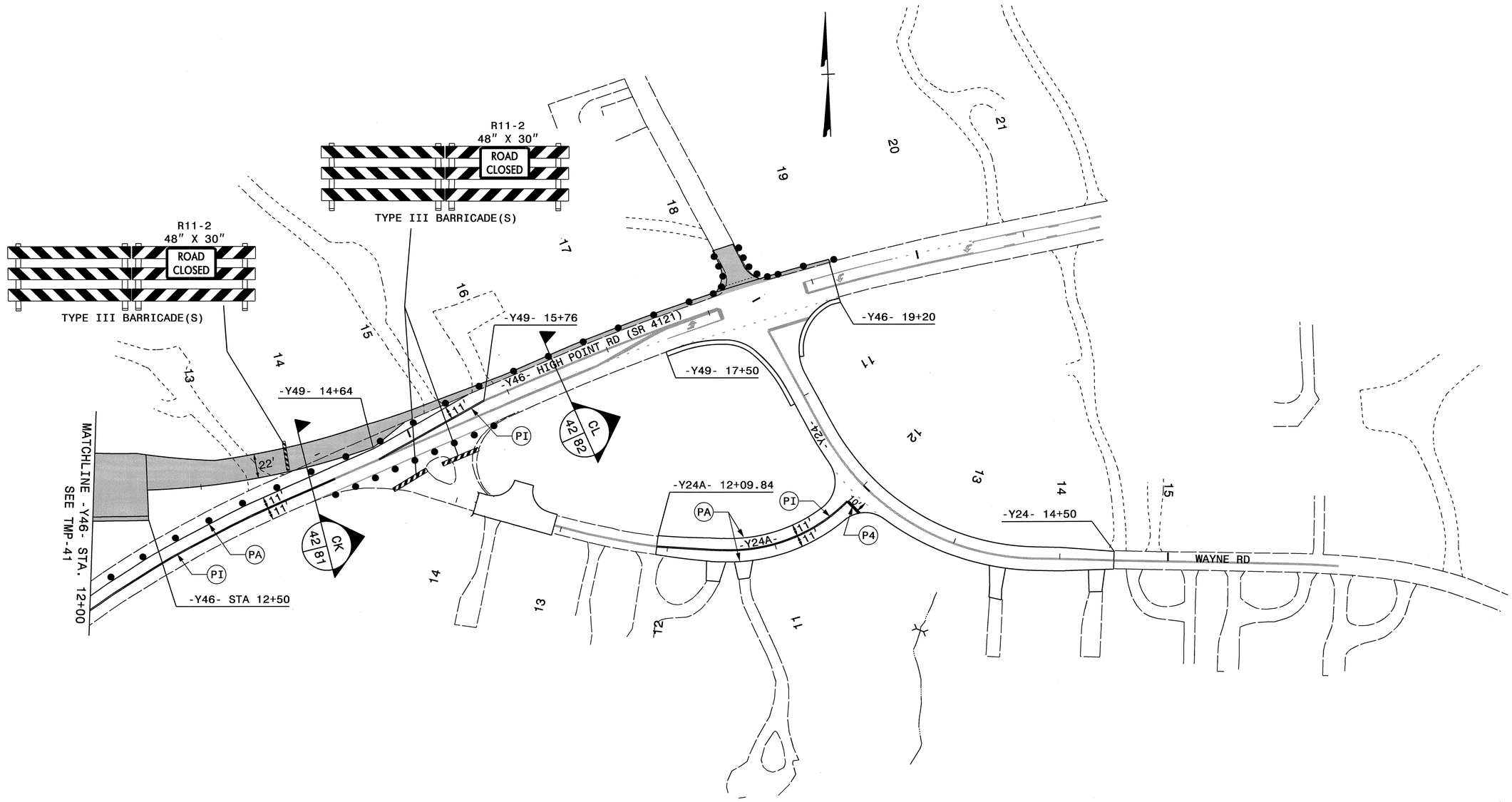
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. 5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE II PLAN
-L- 358+00 TO -L-369+00

02-MAY-2012 11:07
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-41_phase02.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-42



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

5/4/12

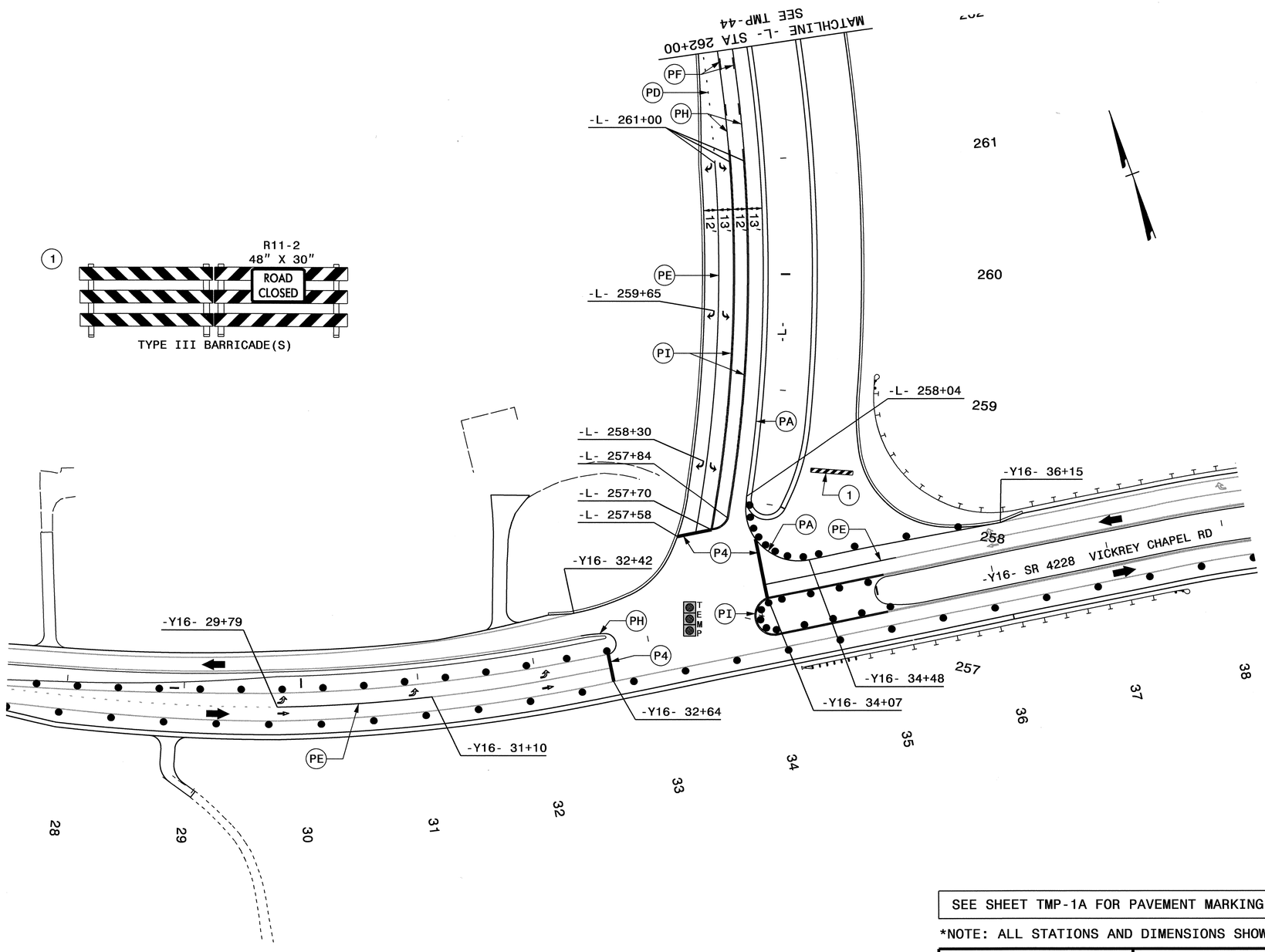
DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

PHASE II PLAN

-Y46-, -Y24-

02-MAY-2012 11:07
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-42_phase02.dgn
idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-43



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

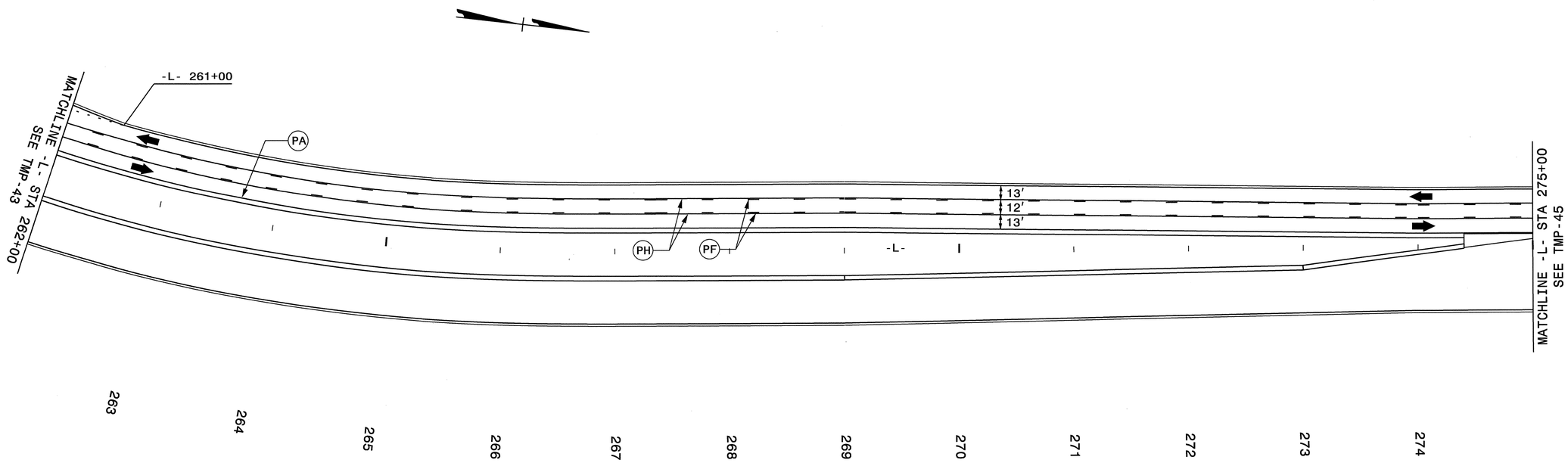
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. 5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN
-Y16- VICKREY CHAPEL RD

02-MAY-2012 11:06
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-43_phase03.dgn
donaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-44



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

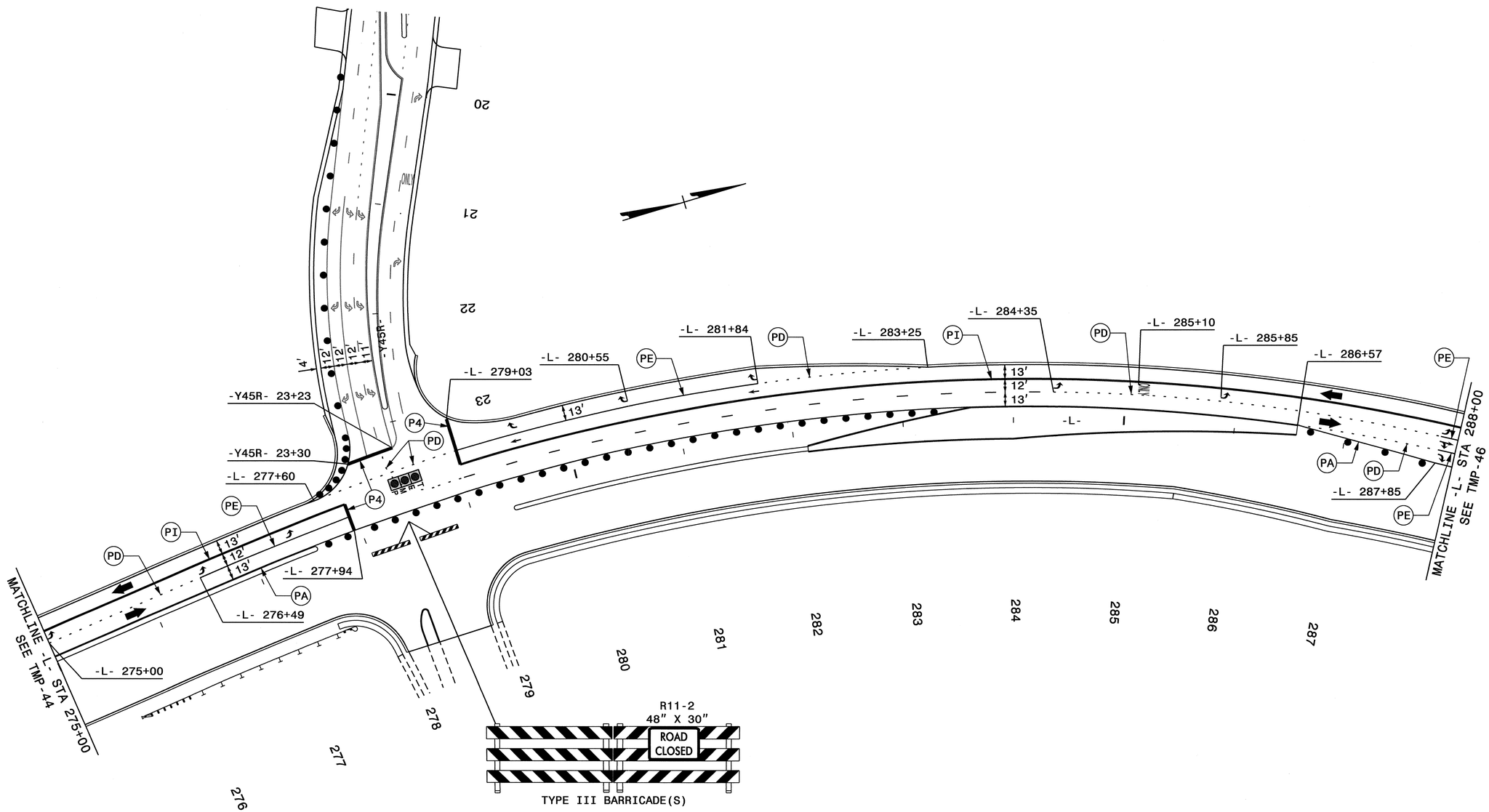
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

-L- 262+00 TO -L- 275+00

02-MAY-2012 11:05
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-44_phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-45



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

6/8/12

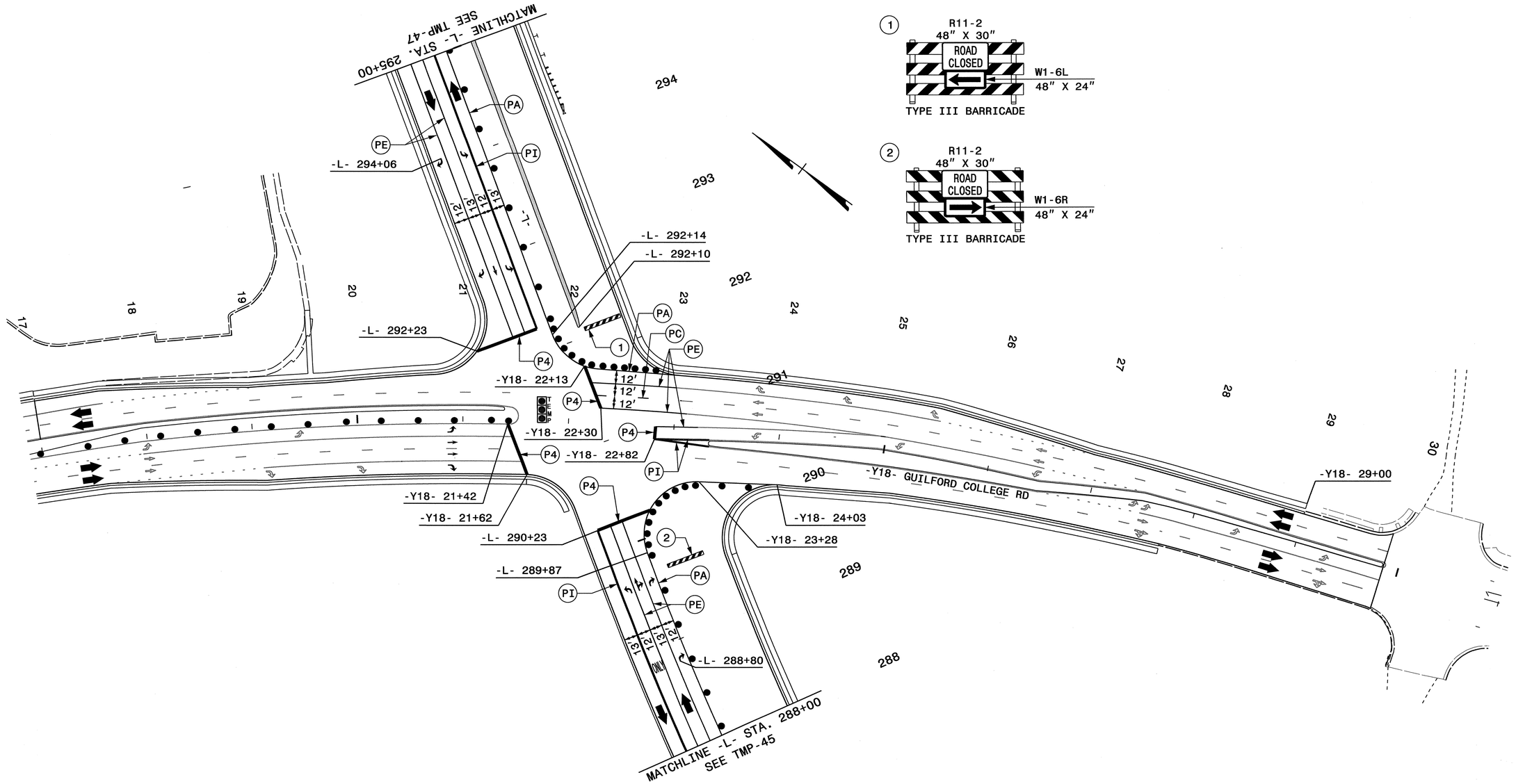
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

-L- 275+00 TO -L- 288+00

06-JUN-2012 12:29
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-45_phase03.dgn
ldonaldson AT TE26392

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-46



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

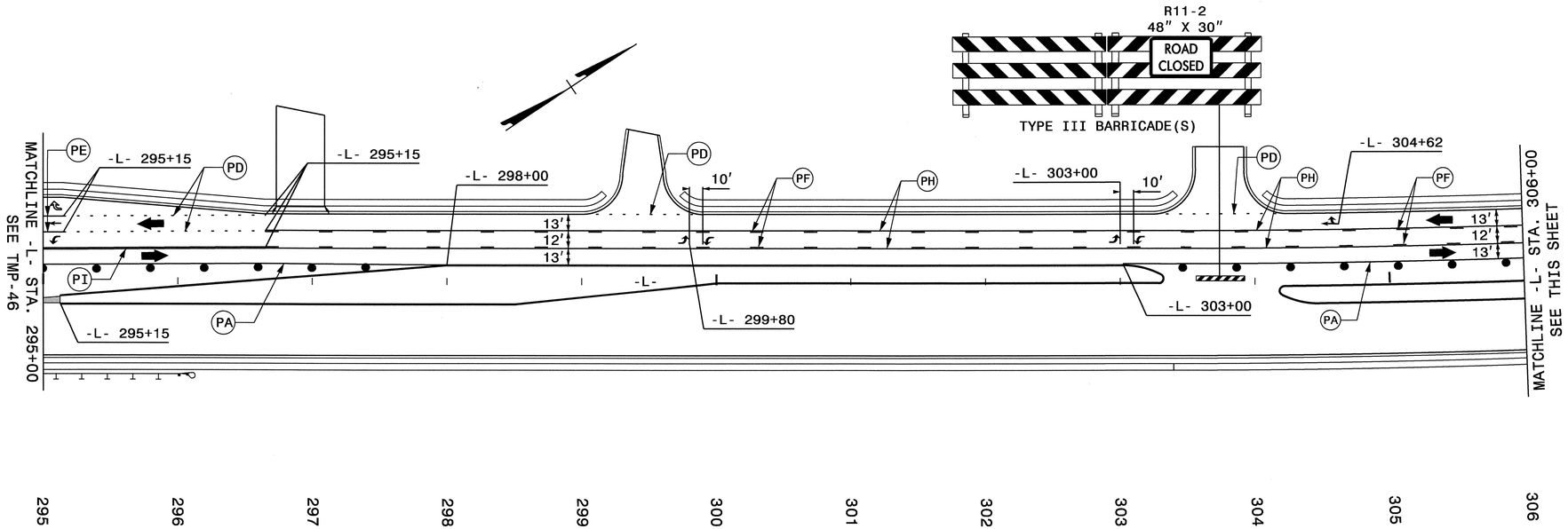
6/8/12

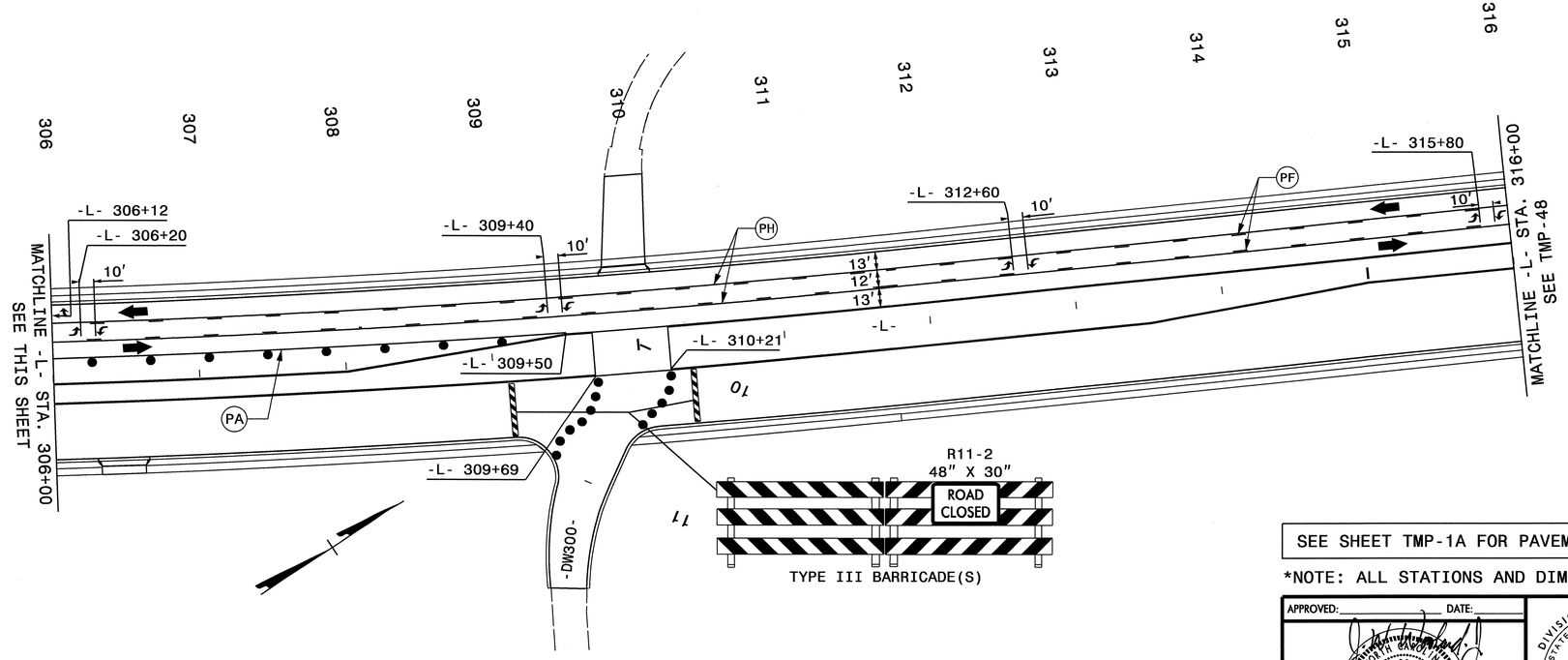
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE III PLAN
-Y18- GUILFORD COLLEGE RD
-L- 288+00 TO -L- 295+00

05-JUN-2012 17:04
\\dot\dfs-oot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-46.phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-47





SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

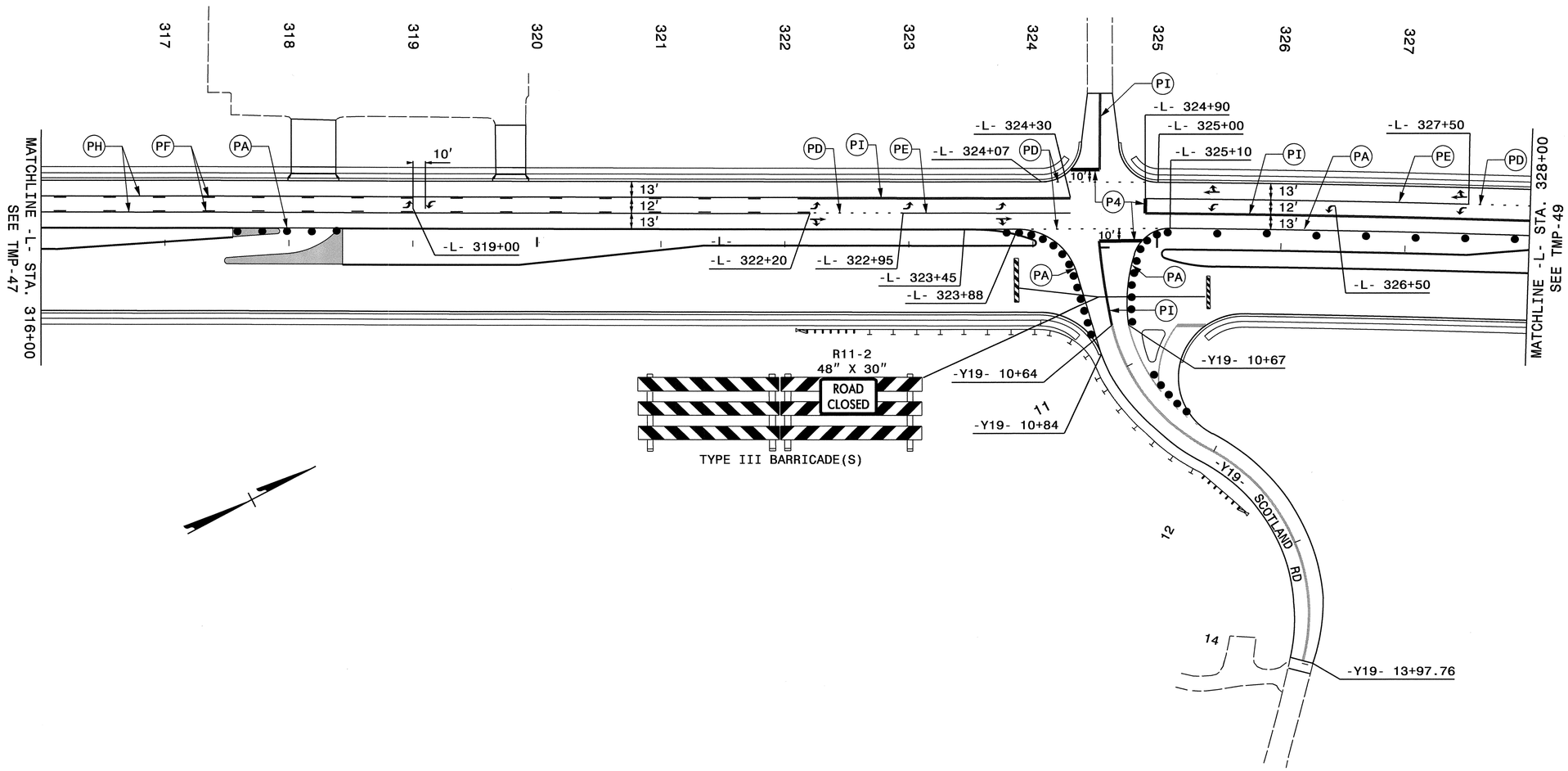
DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

-L- 295+00 TO -L- 316+00

02-MAY-2012 11:05
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\TrafficTrafficControl\TCP\U2412B_TC_TMP_TMP-47_phase03.dgn
tdonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-48



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR. 5/4/12

DIVISION OF HIGHWAYS * STATE OF NORTH CAROLINA * DEPARTMENT OF TRANSPORTATION * WORK ZONE TRAFFIC CONTROL

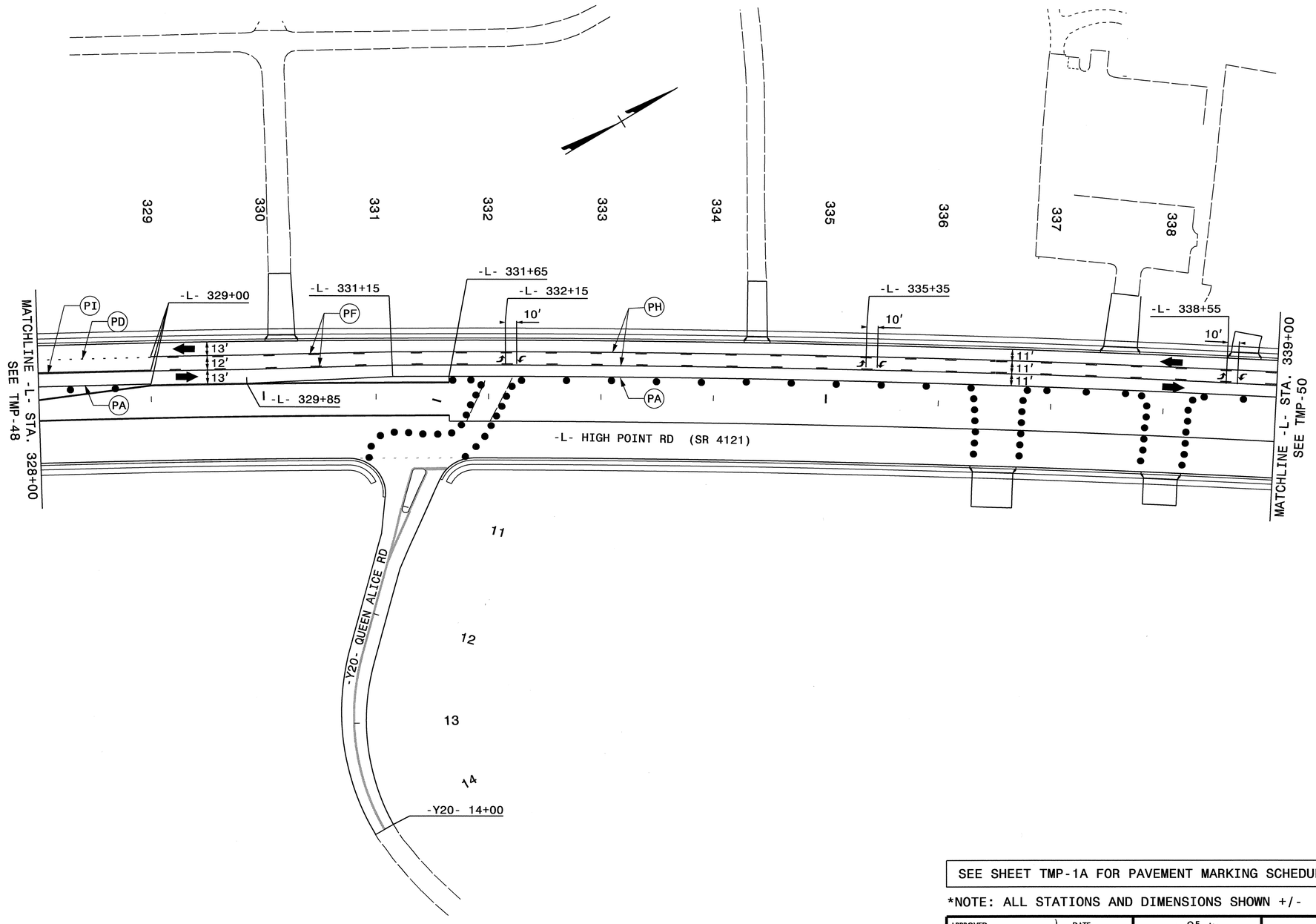
PHASE III PLAN

-Y19- SCOTLAND RD

-L- 316+00 TO -L- 328+00

02-MAY-2012 11:05
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-48_phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-49



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

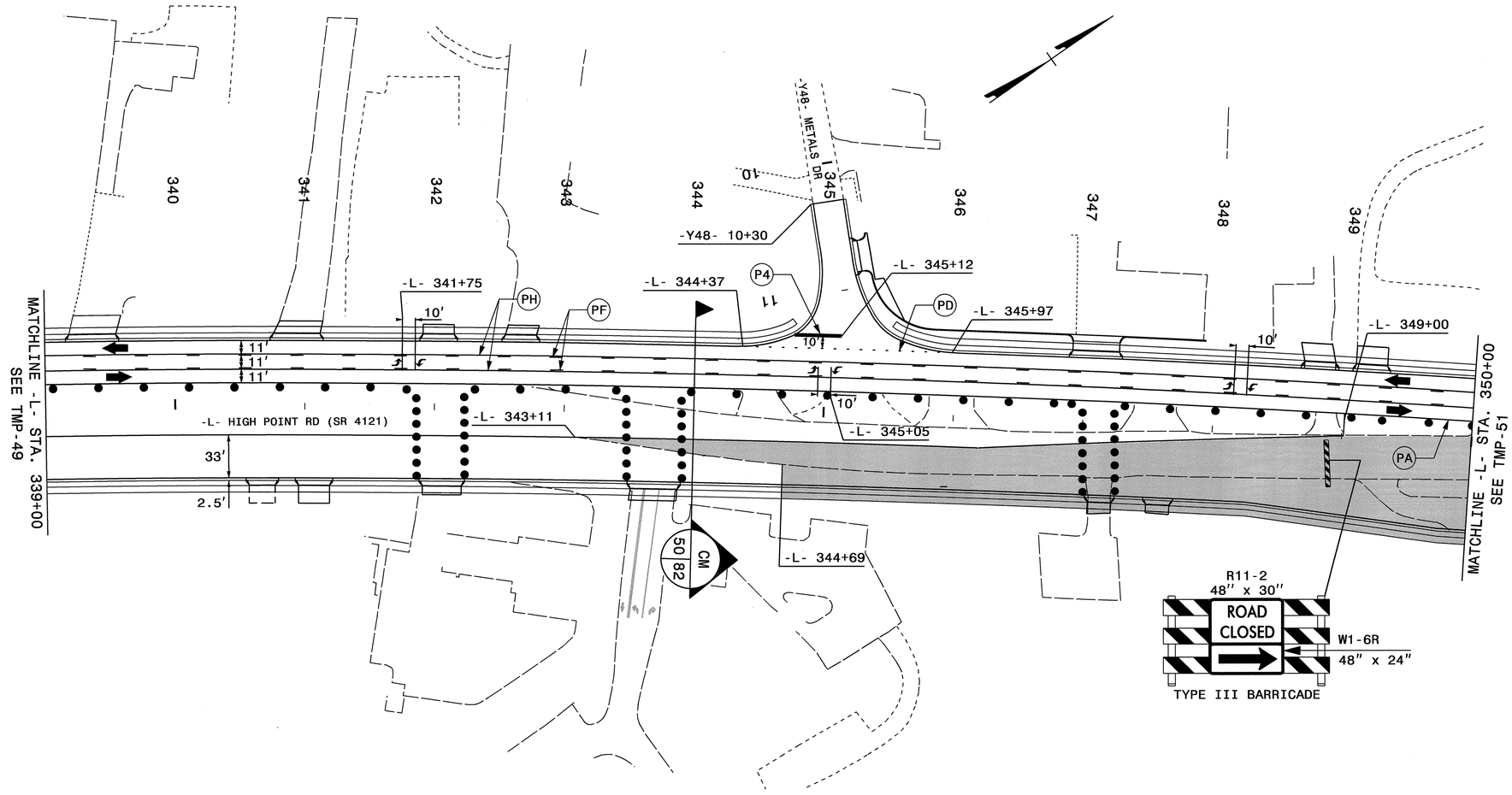
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

-L- 328+00 TO -L- 339+00

02-MAY-2012 11:05
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-49_phase03.dgn
idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-50



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

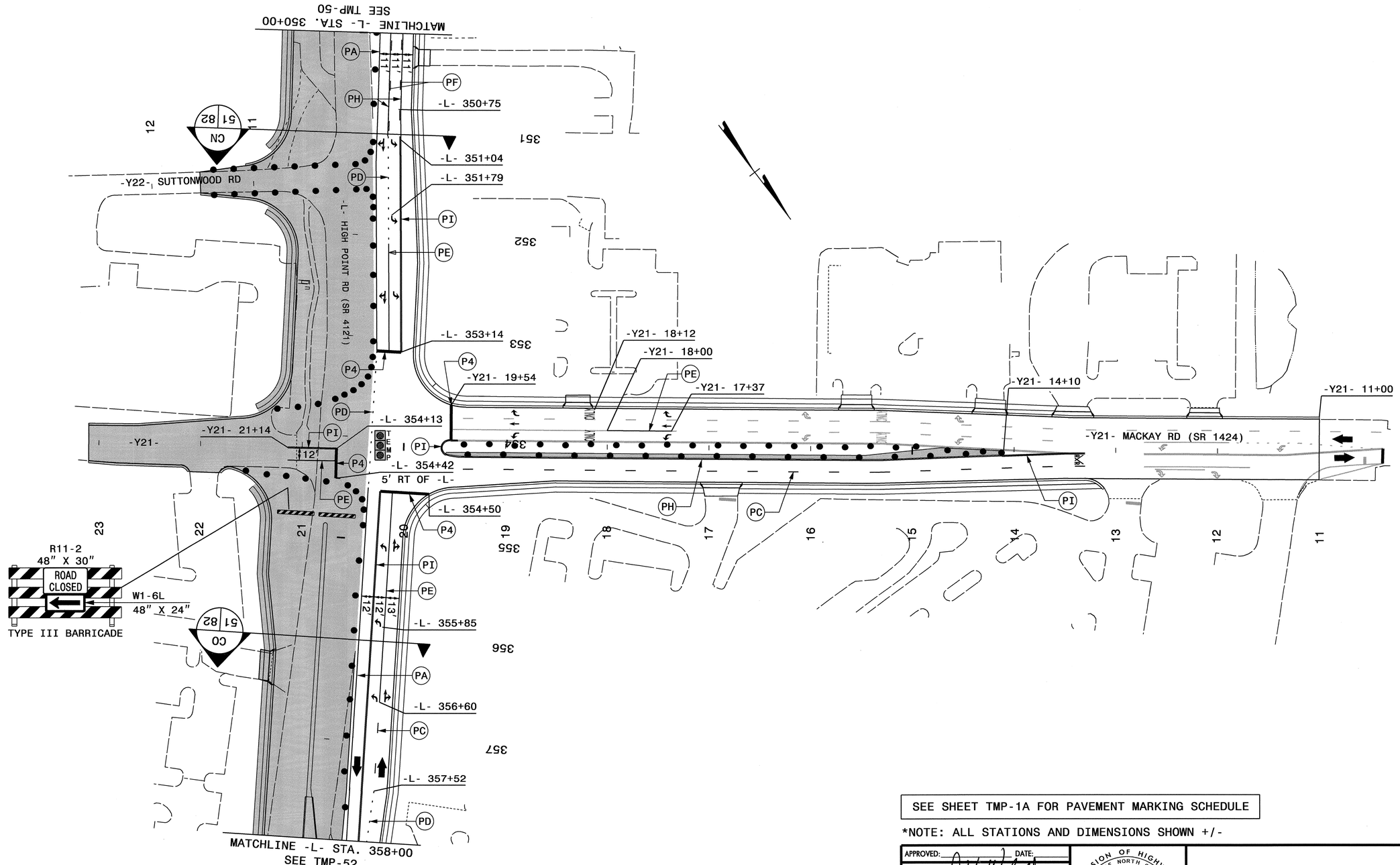
5/4/12

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE III PLAN
-L- 339+00 TO -L- 350+00

02-MAY-2012 11:05
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-50_phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-51



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

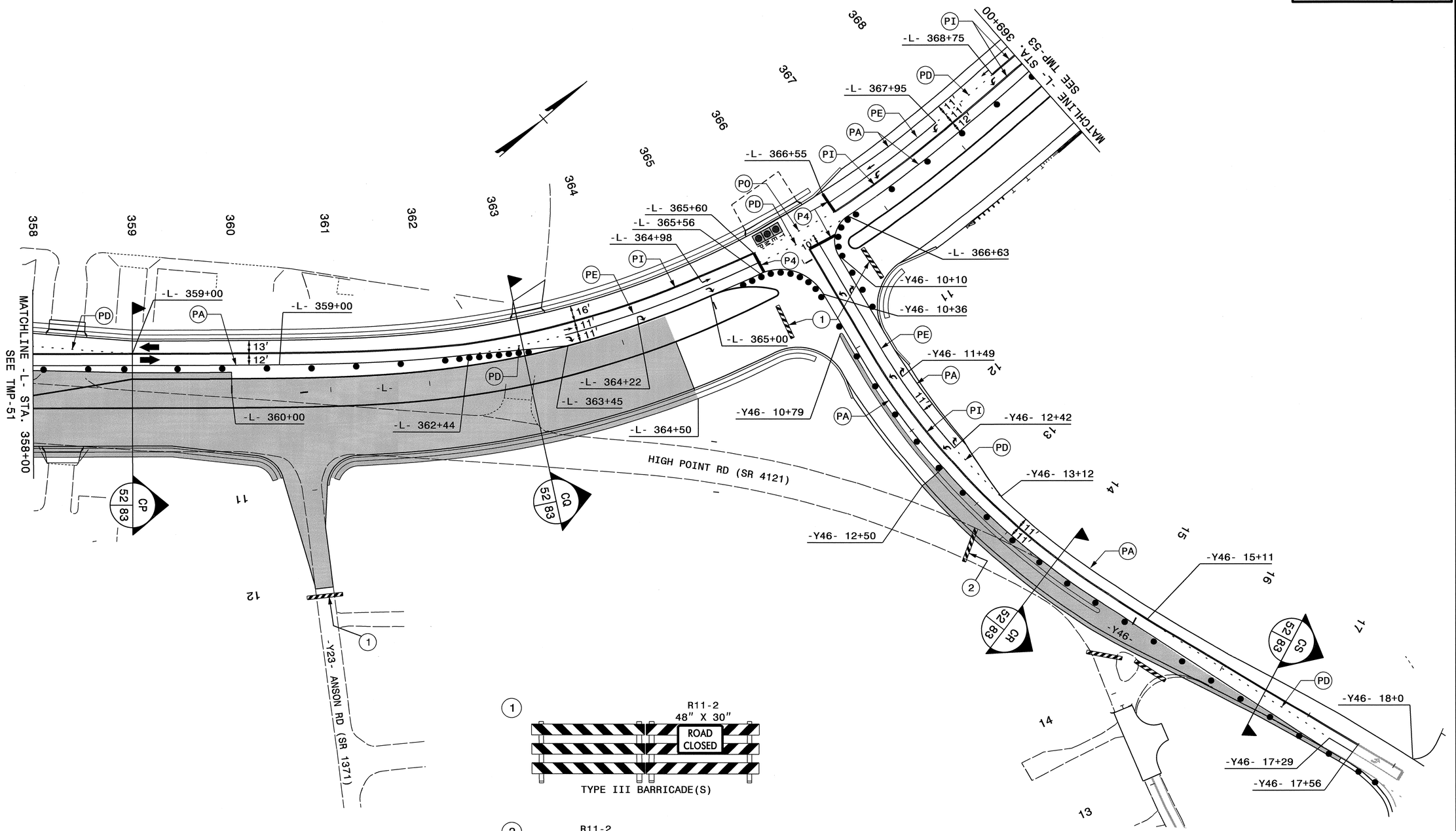
PHASE III PLAN

-Y21- MACKAY RD

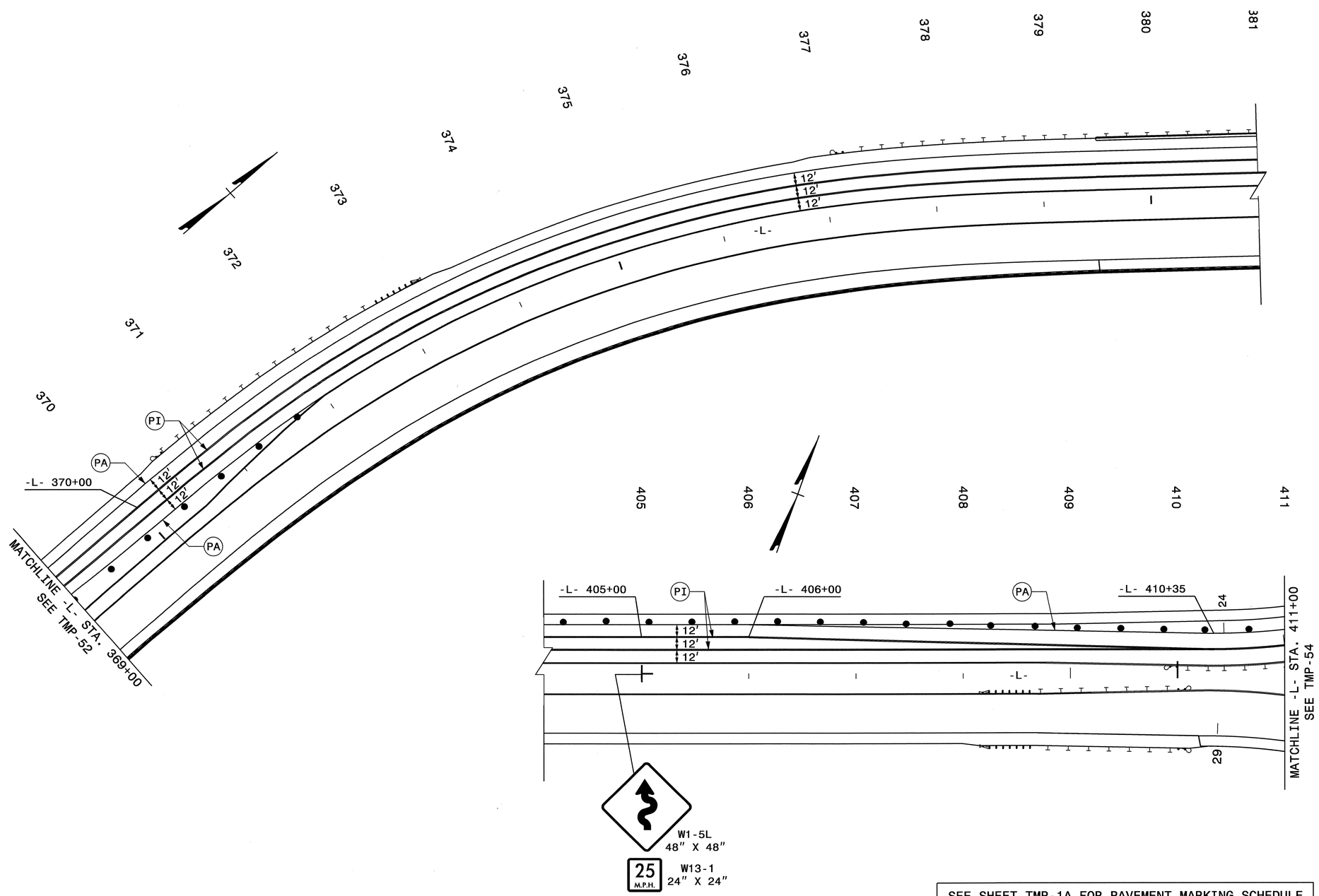
-L- 350+00 TO -L- 358+00

02-MAY-2012 11:05
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-51_phase03.dgn
idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-52


MATCHLINE -L- STA. 358+00
SEE TMP-51
MATCHLINE -L- STA. 369+00
SEE TMP-53
HIGH POINT RD (SR 4121)
-Y23- ANSON RD (SR 1371)
-Y46-
-L- 358+00 TO -L- 369+00
-L- 359+00
-L- 360+00
-L- 362+44
-L- 363+45
-L- 364+22
-L- 364+50
-L- 364+98
-L- 365+00
-L- 365+56
-L- 365+60
-L- 366+55
-L- 366+63
-L- 367+95
-L- 368+75
-Y46- 10+10
-Y46- 10+36
-Y46- 10+79
-Y46- 11+49
-Y46- 12+42
-Y46- 12+50
-Y46- 13+12
-Y46- 15+11
-Y46- 17+29
-Y46- 17+56
-Y46- 18+0
CP 52 83
CQ 52 83
CR 52 83
CS 52 83
PA
PD
PE
PI
PO
P4
13'
12'
16'
11'
11'
11

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-53



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

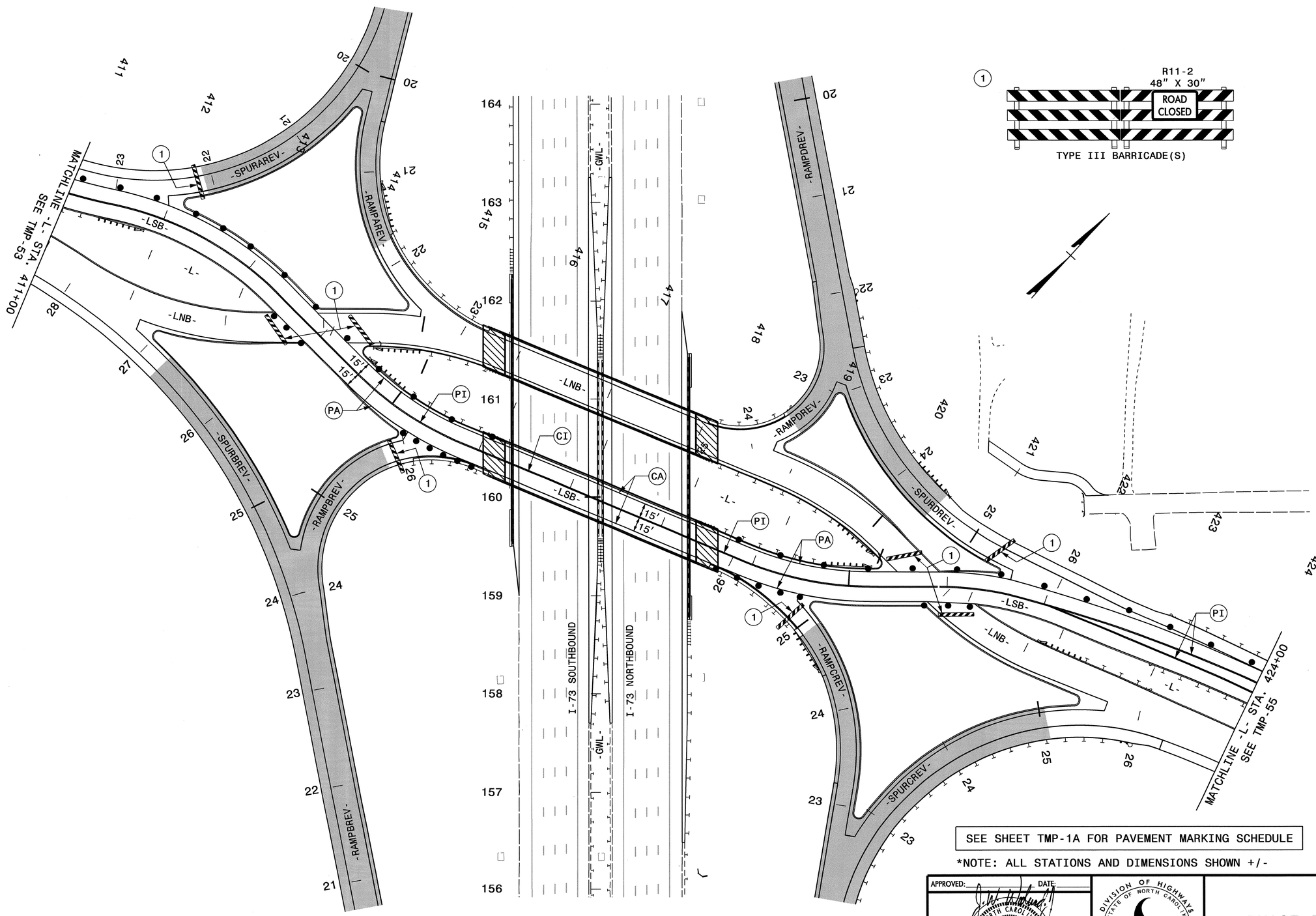
DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

-L- 369+00 TO -L- 411+00

02-MAY-2012 11:05
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-53_phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-54



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

5/4/12

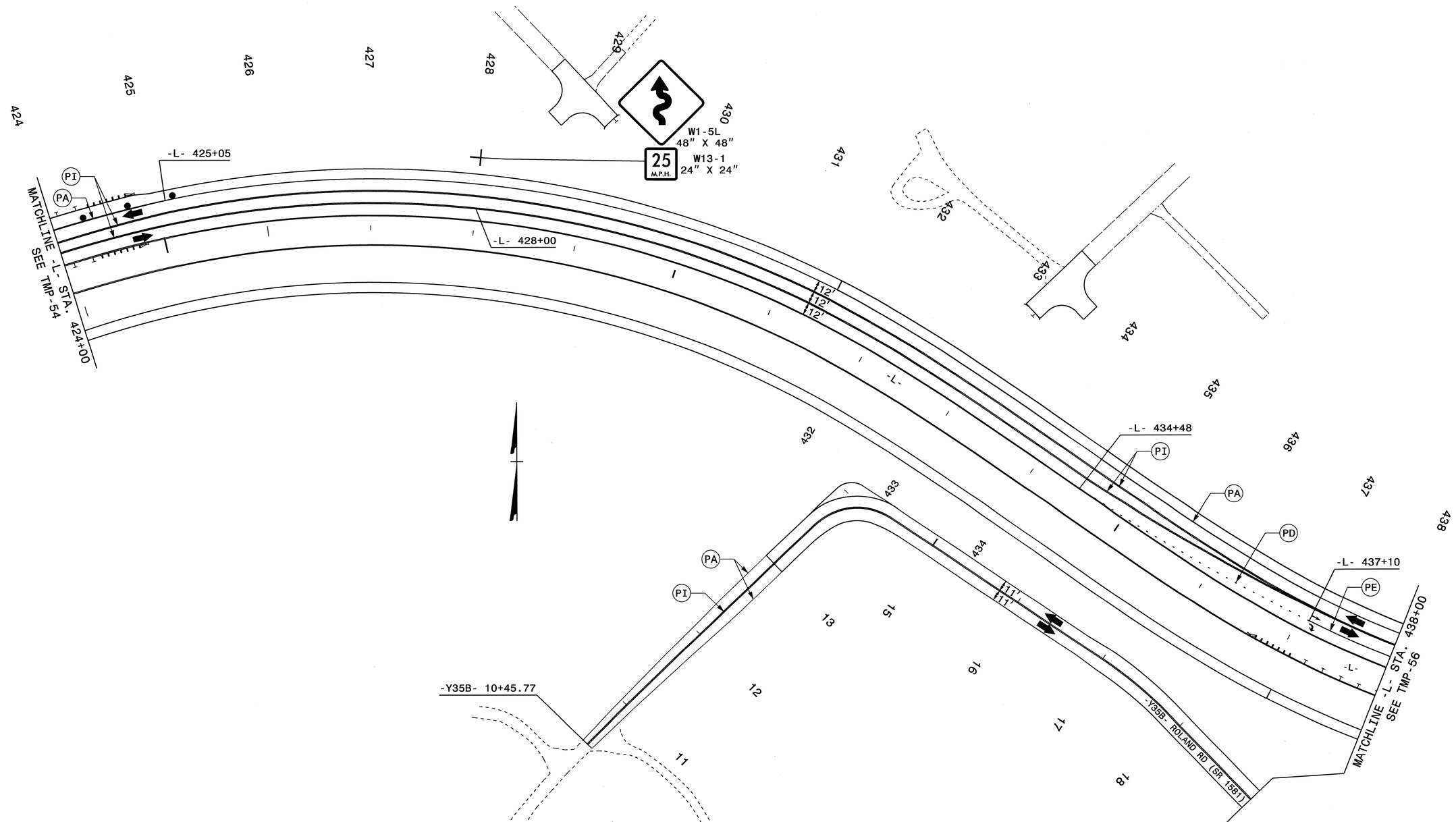
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

-L- 411+00 TO -L- 424+00

02-MAY-2012 11:05
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-54_phase03.dgn
ldonaldson AT TE23749

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-55



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. 5/4/12

DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

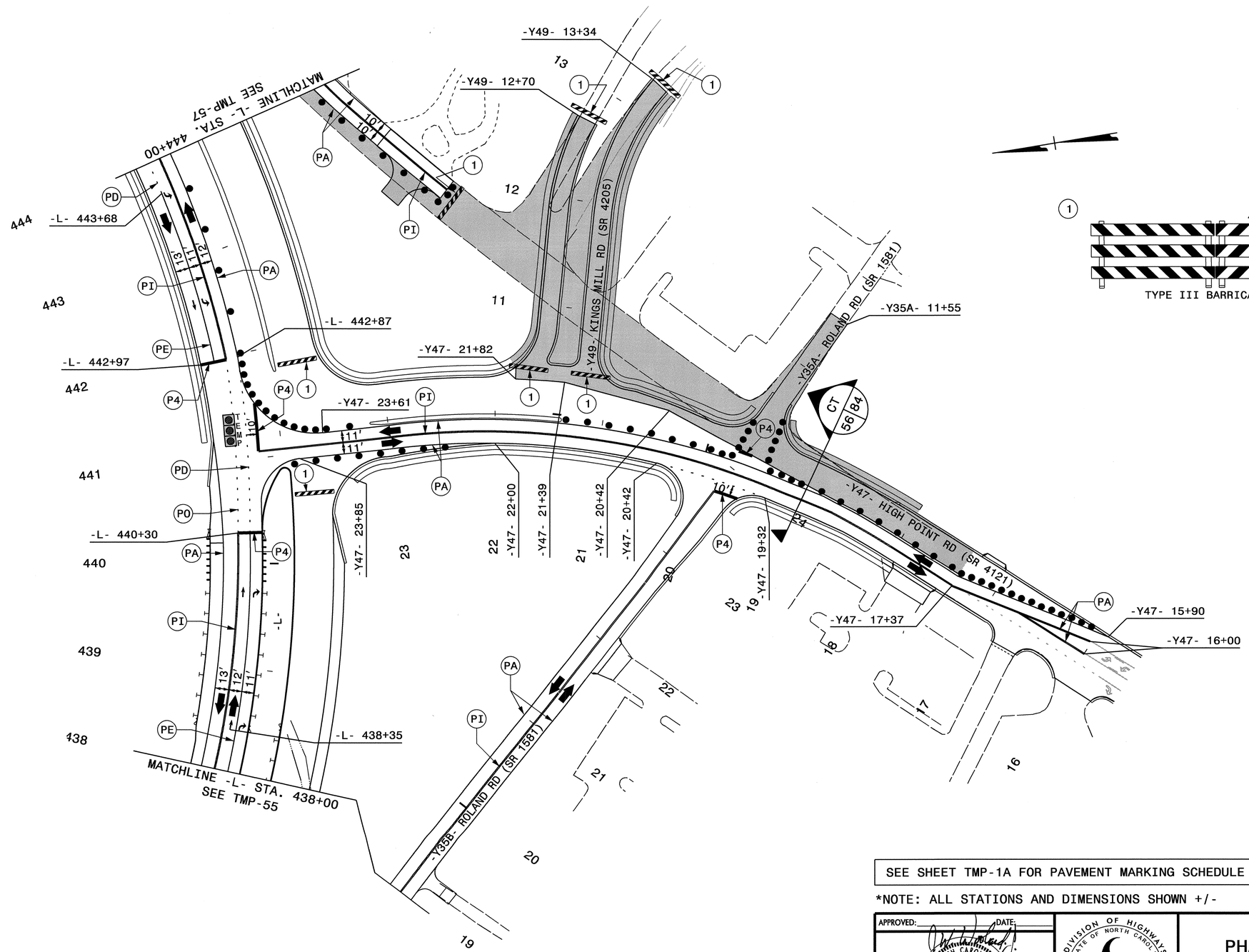
PHASE III PLAN

-Y35B-

-L- 424+00 TO -L- 438+00

02-MAY-2012 11:04
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-55_phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-56



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE: 5/4/12

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

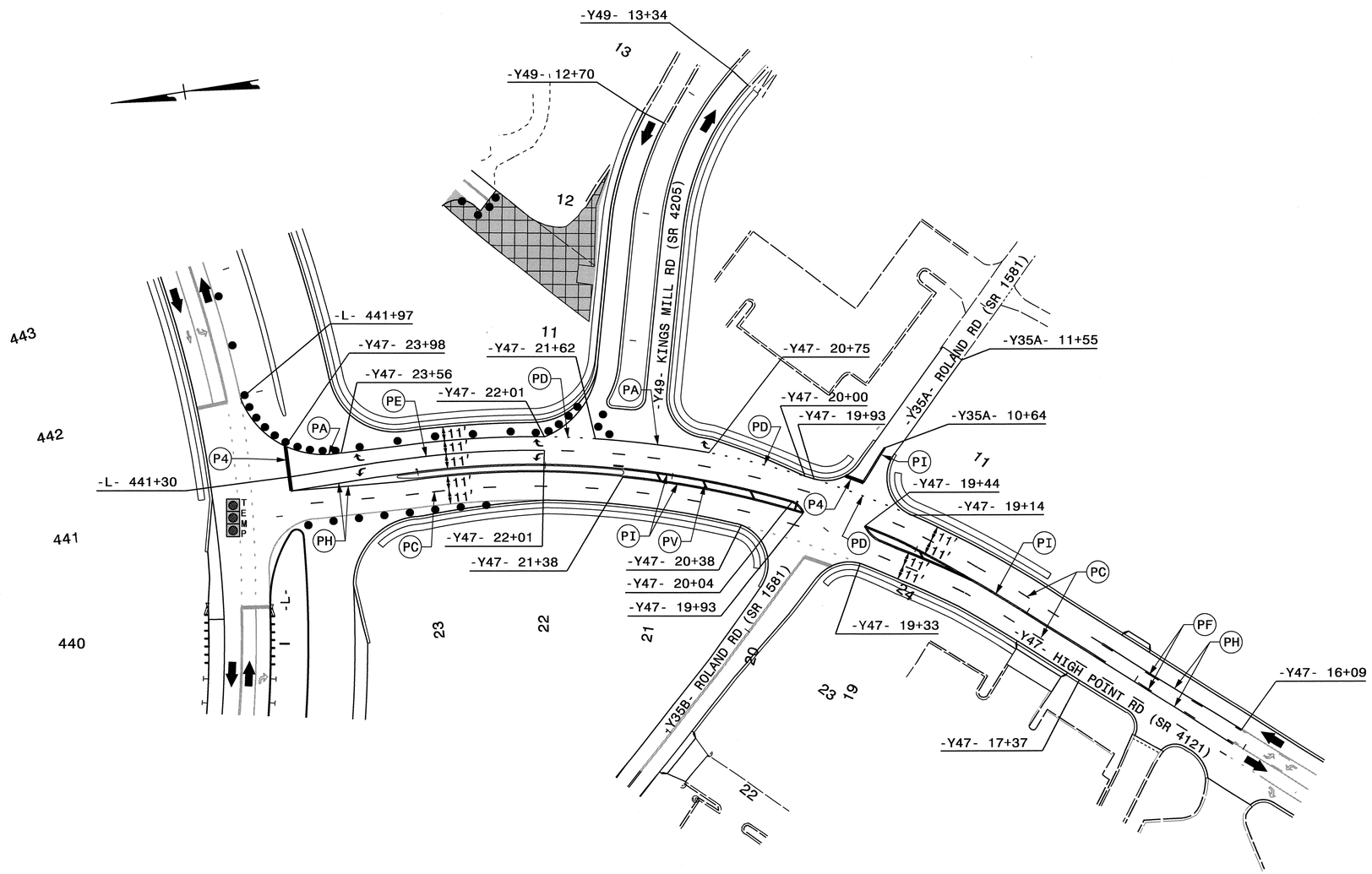
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

-Y35A-, -Y35B-
-Y47-, -Y49-
-L- 438+00 TO -L- 444+00

02-MAY-2012 11:04
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-56_phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-57



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE: 5/4/12

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD JR.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

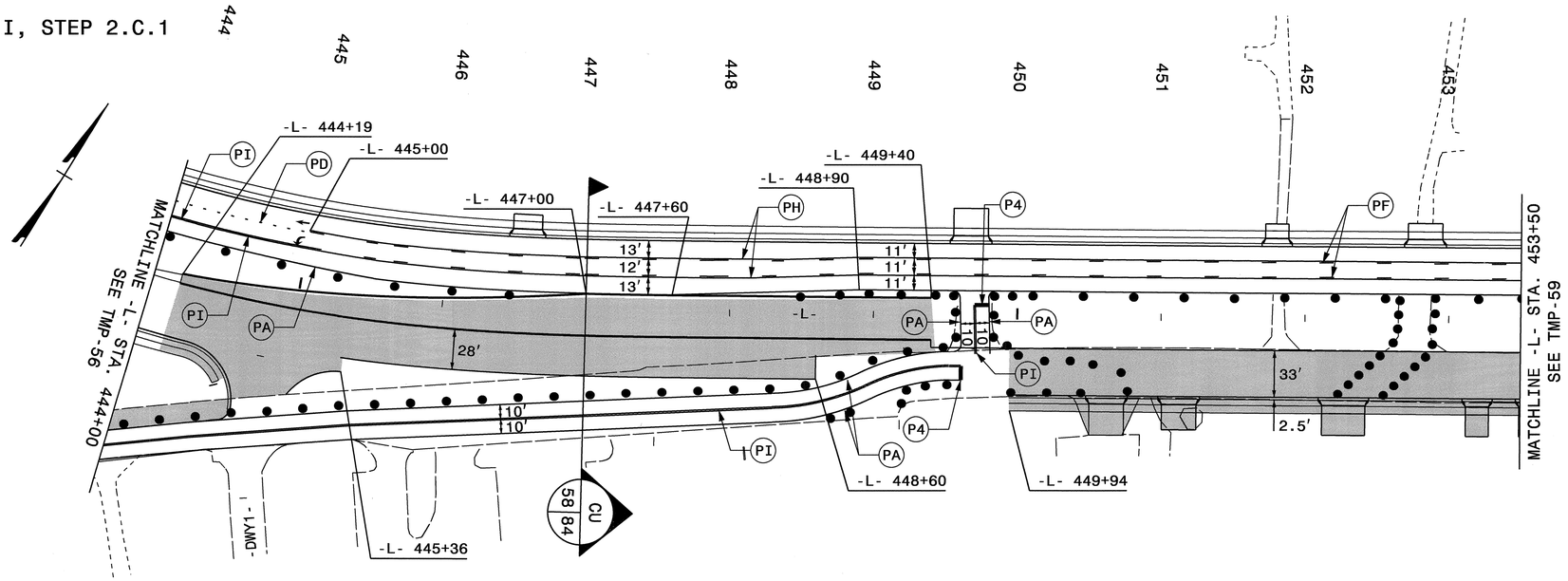
-Y35A-, -Y35B-

-Y47-, -Y49-

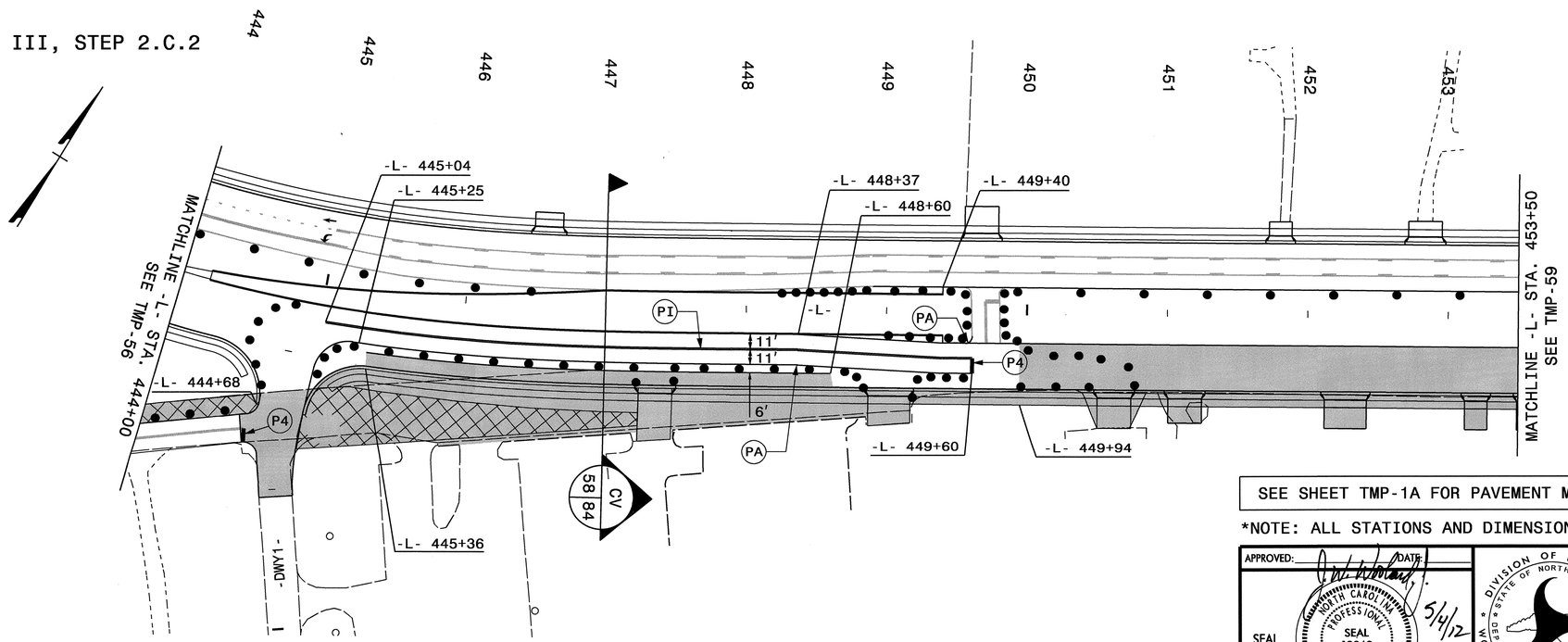
02-MAY-2012 11:04
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-57_phase03.dgn
ldonaldson AT TE23459

PROJ. REFERENCE NO.	SHEET NO.
U-2412 B	TMP-58

PHASE III, STEP 2.C.1



PHASE III, STEP 2.C.2



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE: 5/4/12

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR.

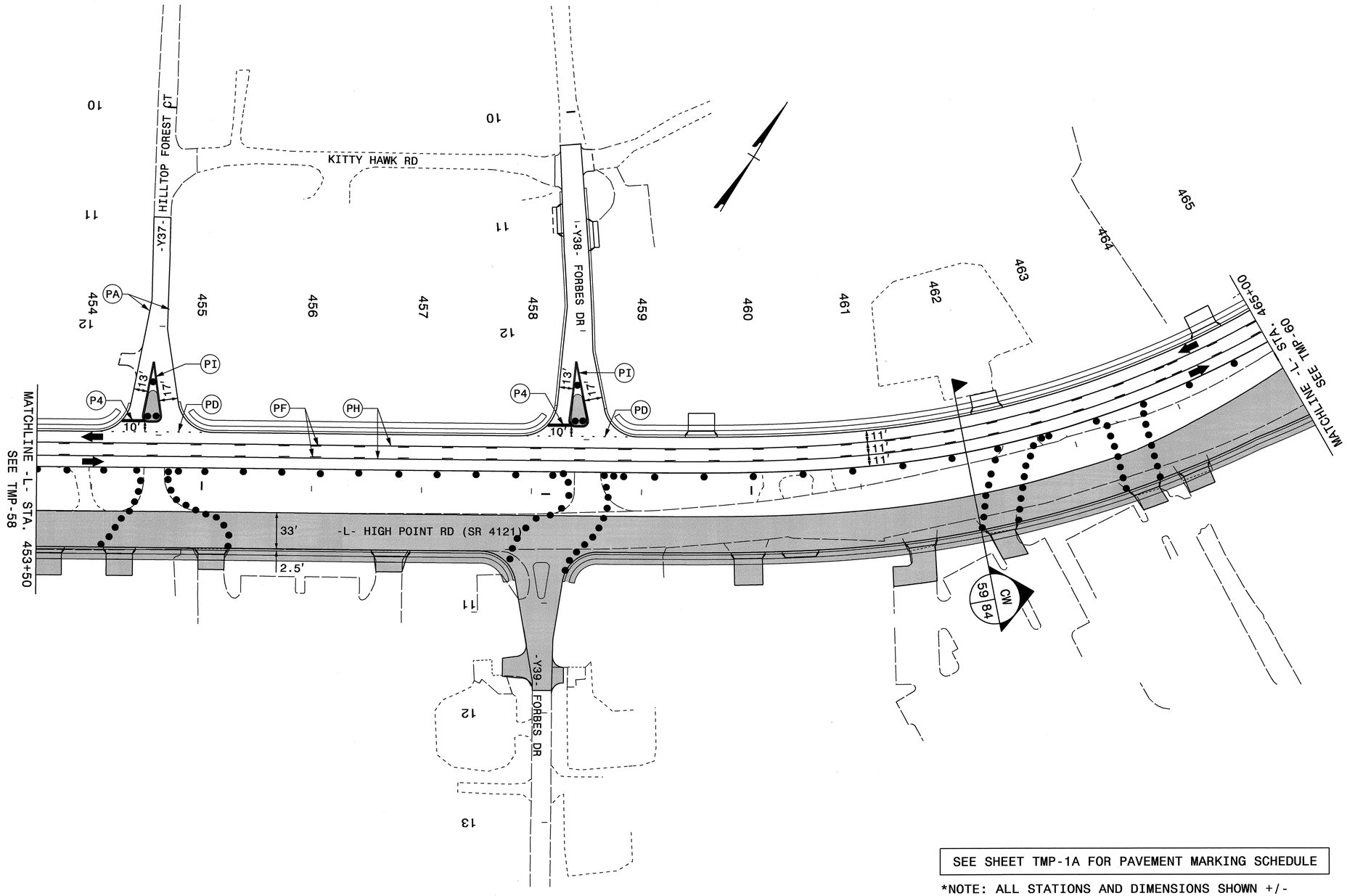
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

-L- 444+00 TO -L- 453+50

02-MAY-2012 11:04
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-58_phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-59



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR. 5/4/12

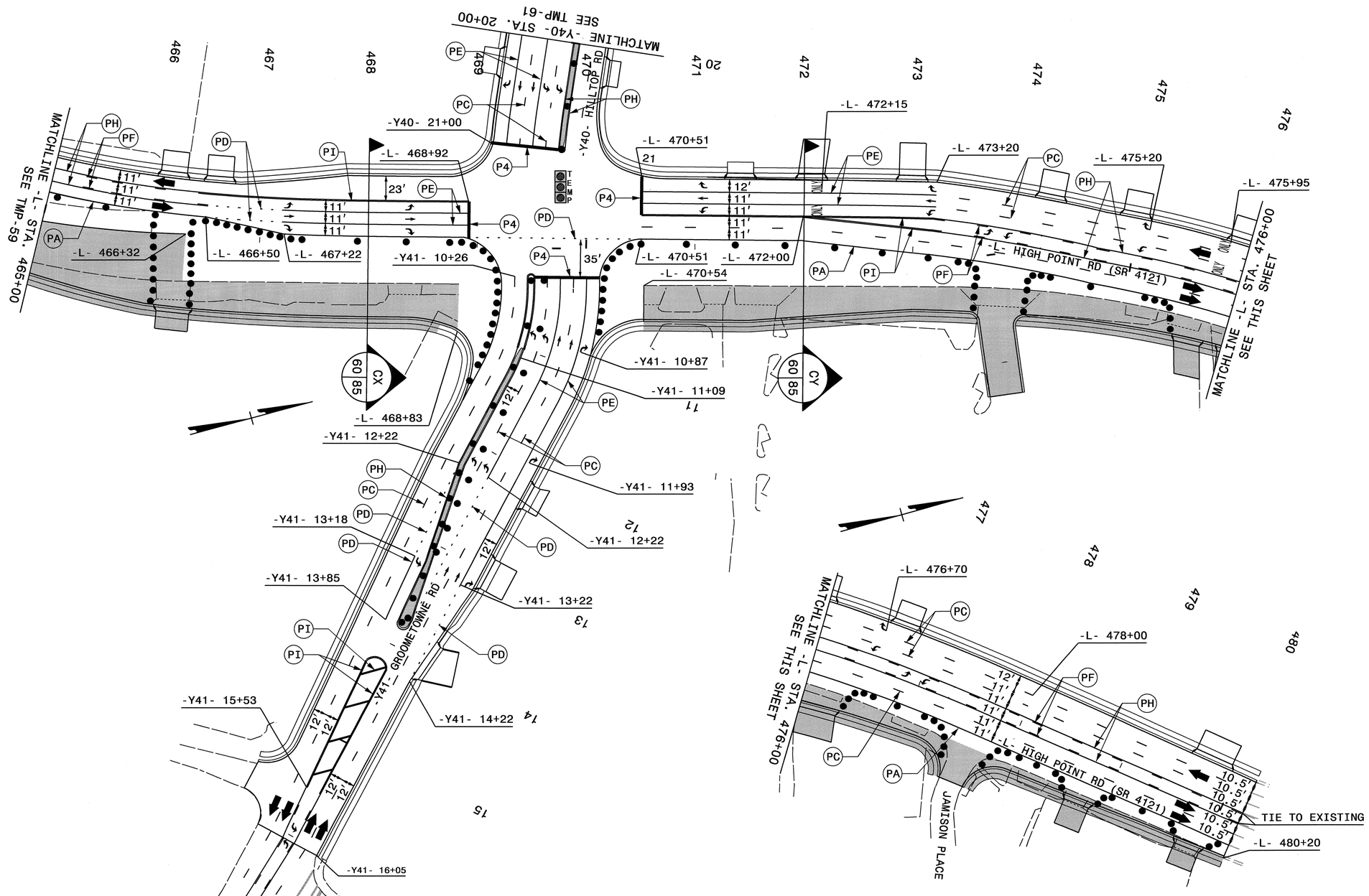
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

-L- 453+50 TO -L- 465+00

02-MAY-2012 11:04
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-59_phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-60



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: 5/4/12

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD JR.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN

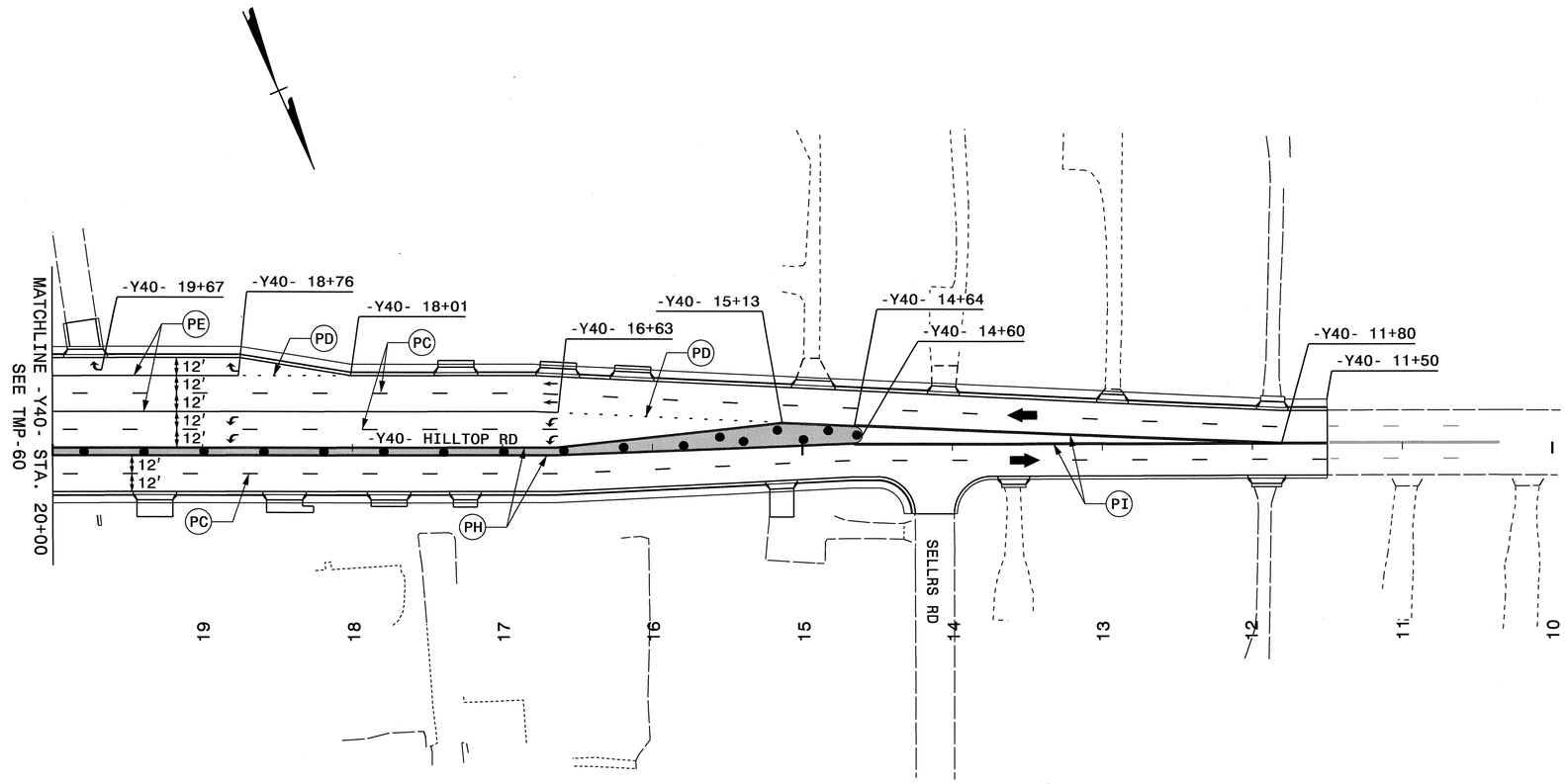
-Y40- HILLTOP RD

-Y41- GROOMETOWNE RD

-L- 465+00 TO -L- 480+20

02-MAY-2012 11:04
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-60_phase03.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-61



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

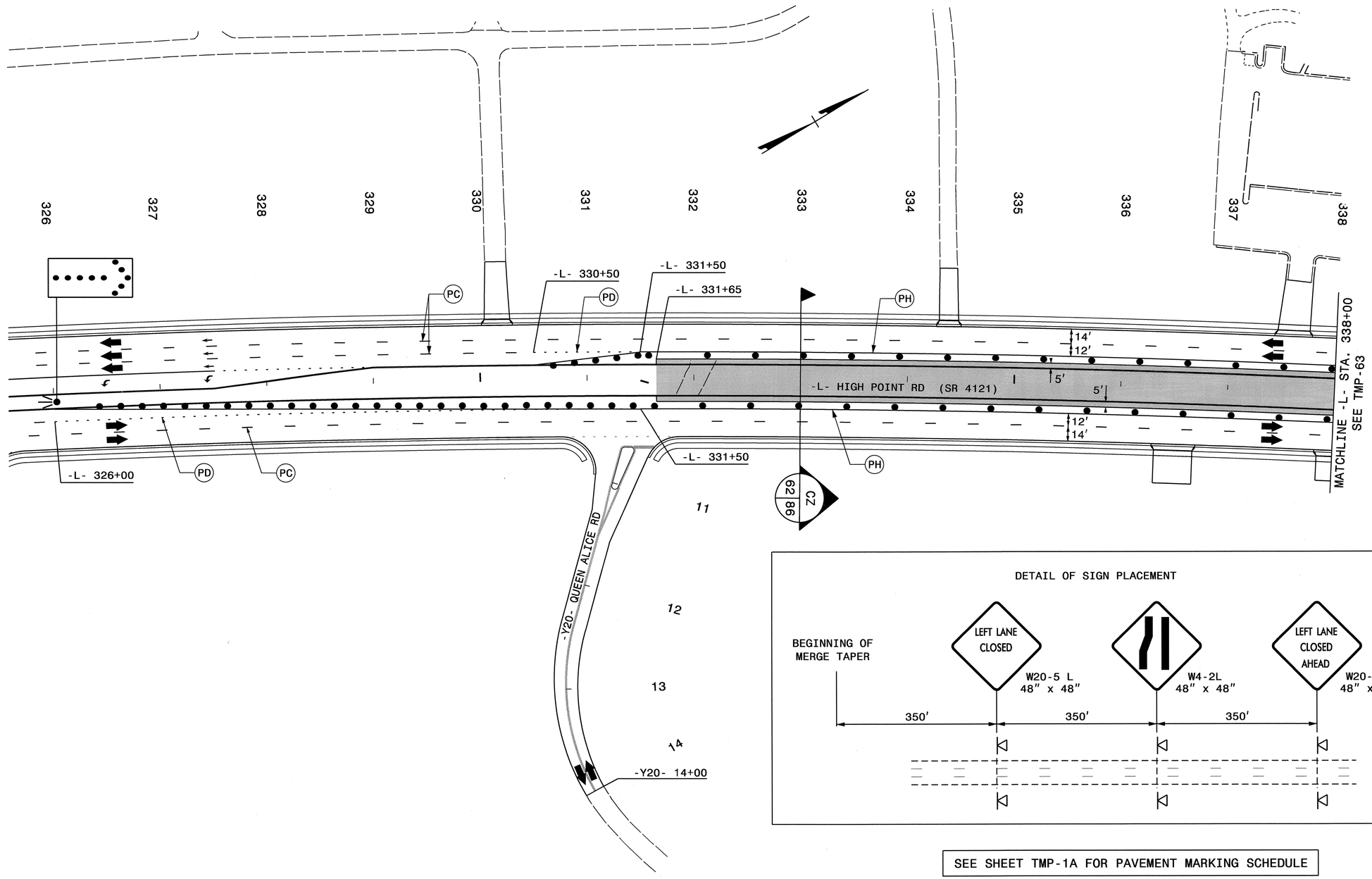
5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE III PLAN
-Y40- HILLTOP RD

02-MAY-2012 11:04
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-61_phase03.dgn
idonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-62



DETAIL OF SIGN PLACEMENT

SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

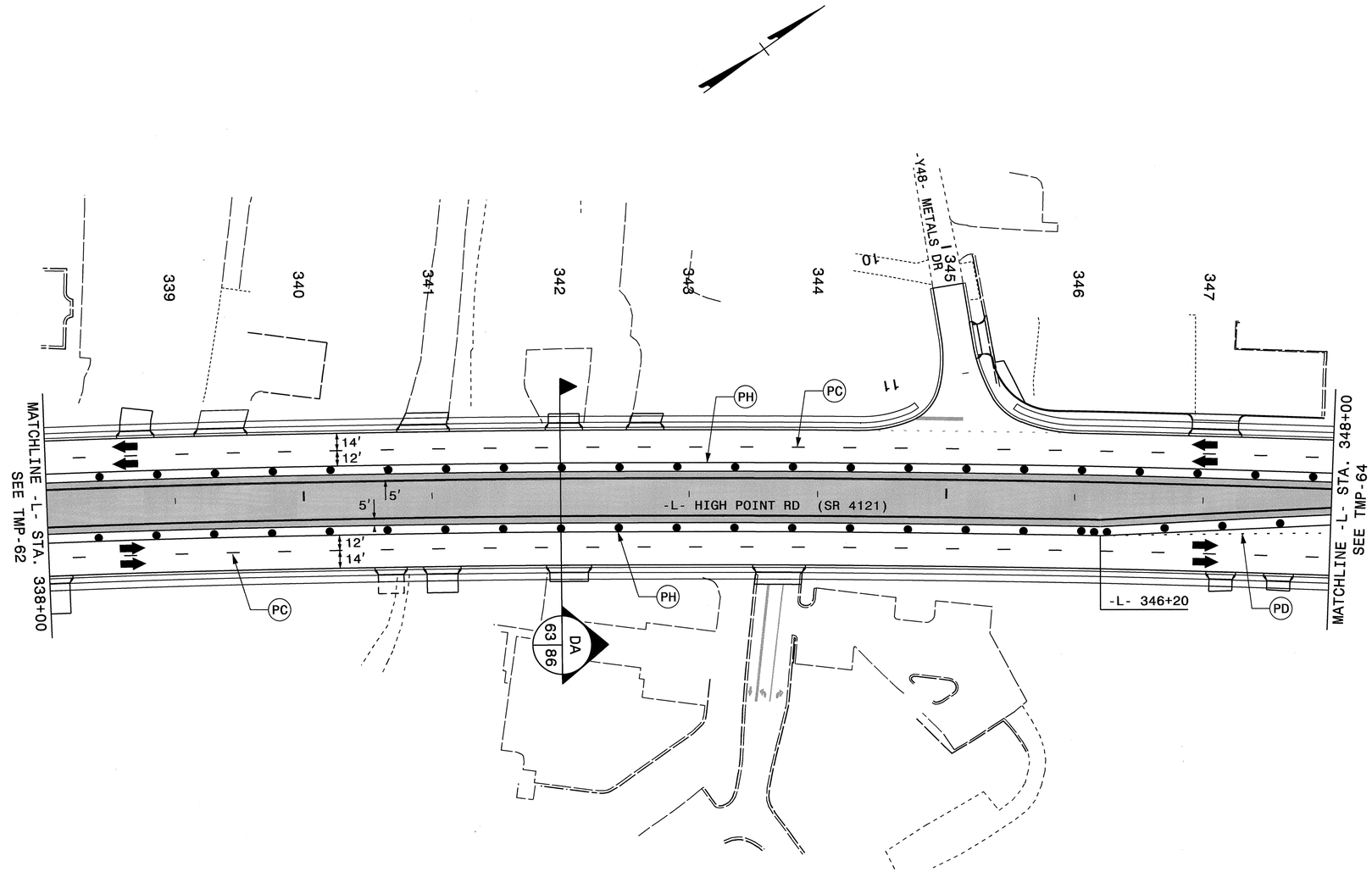
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE IV PLAN

-L- 325+00 TO -L- 338+00

02-MAY-2012 11:03
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-62_phase04.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-63



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

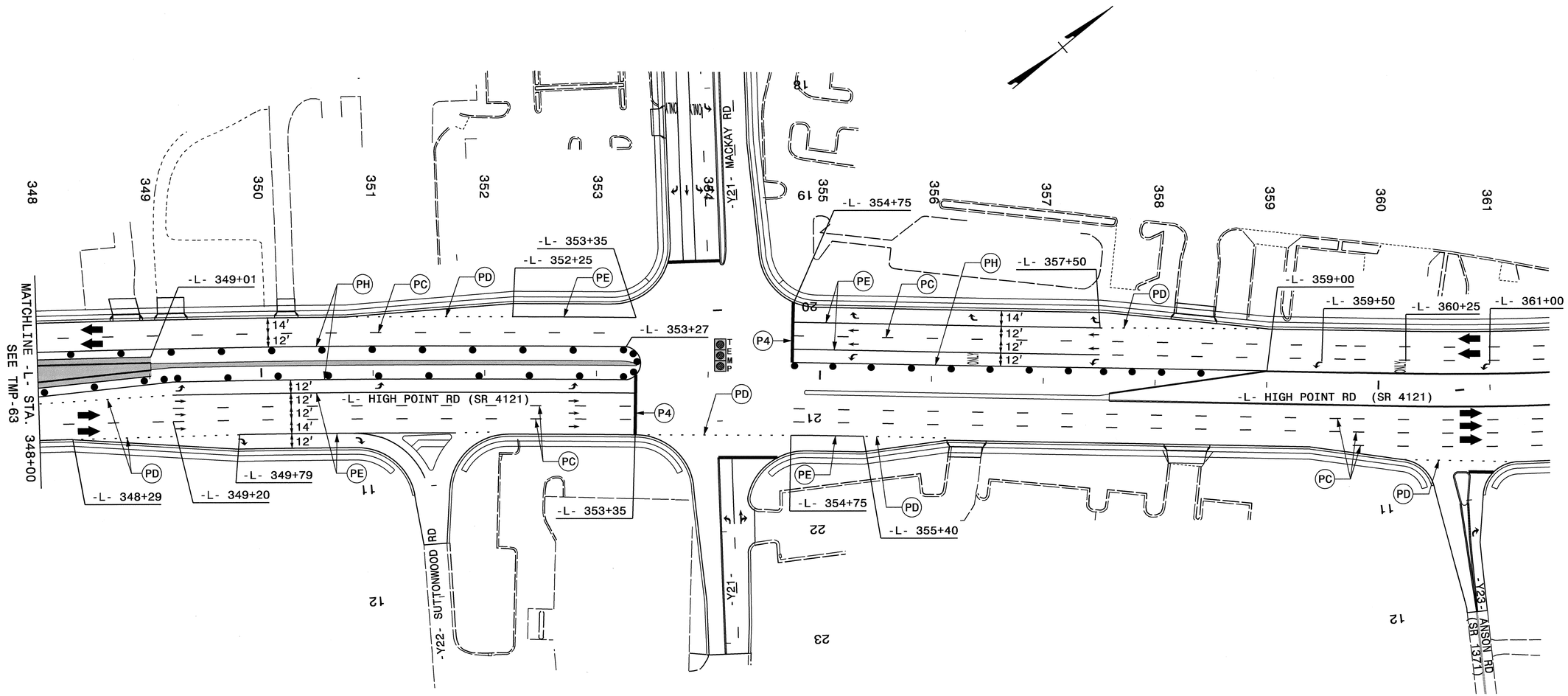
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE IV PLAN

-L- 338+00 TO -L- 348+00

02-MAY-2012 11:03
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-63_phase04.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-64



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. 5/4/12

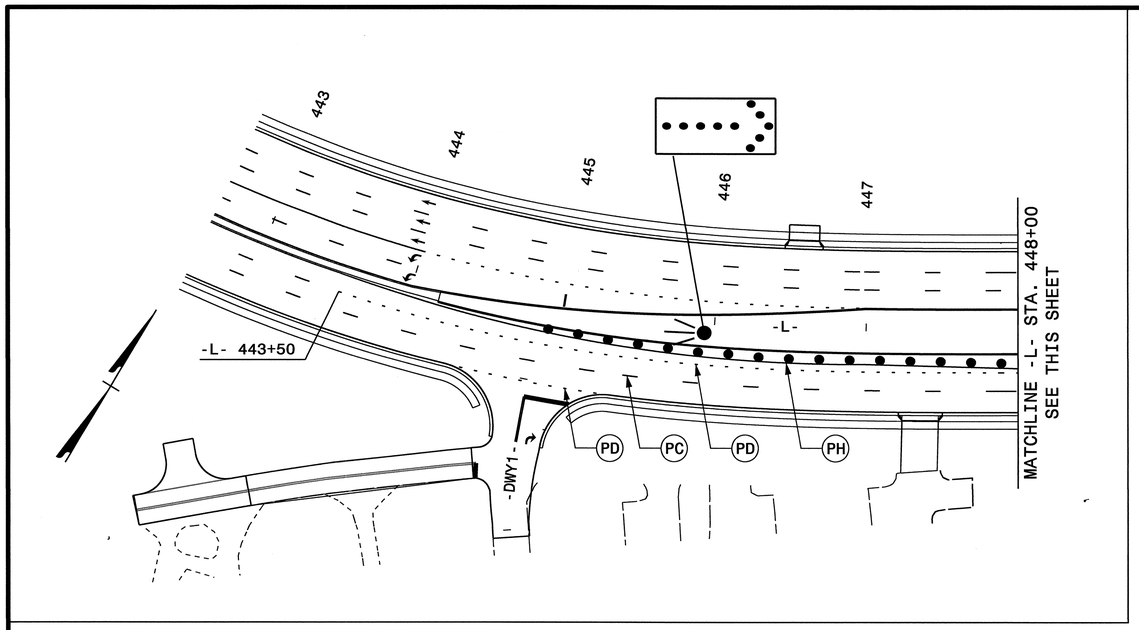
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

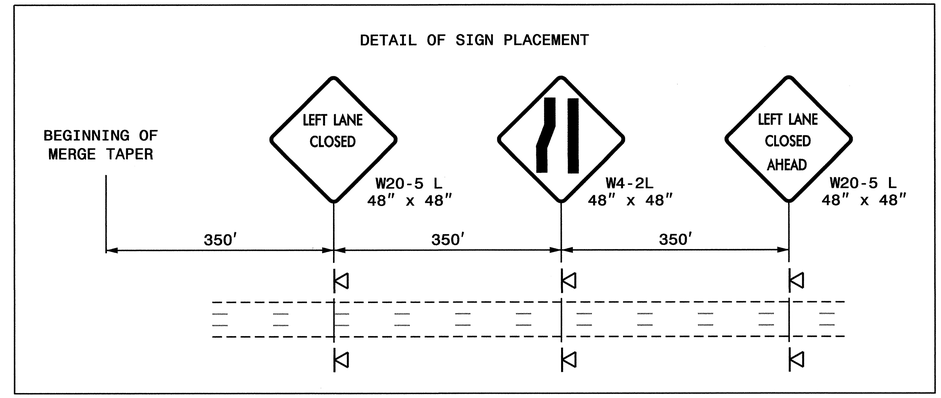
PHASE IV PLAN

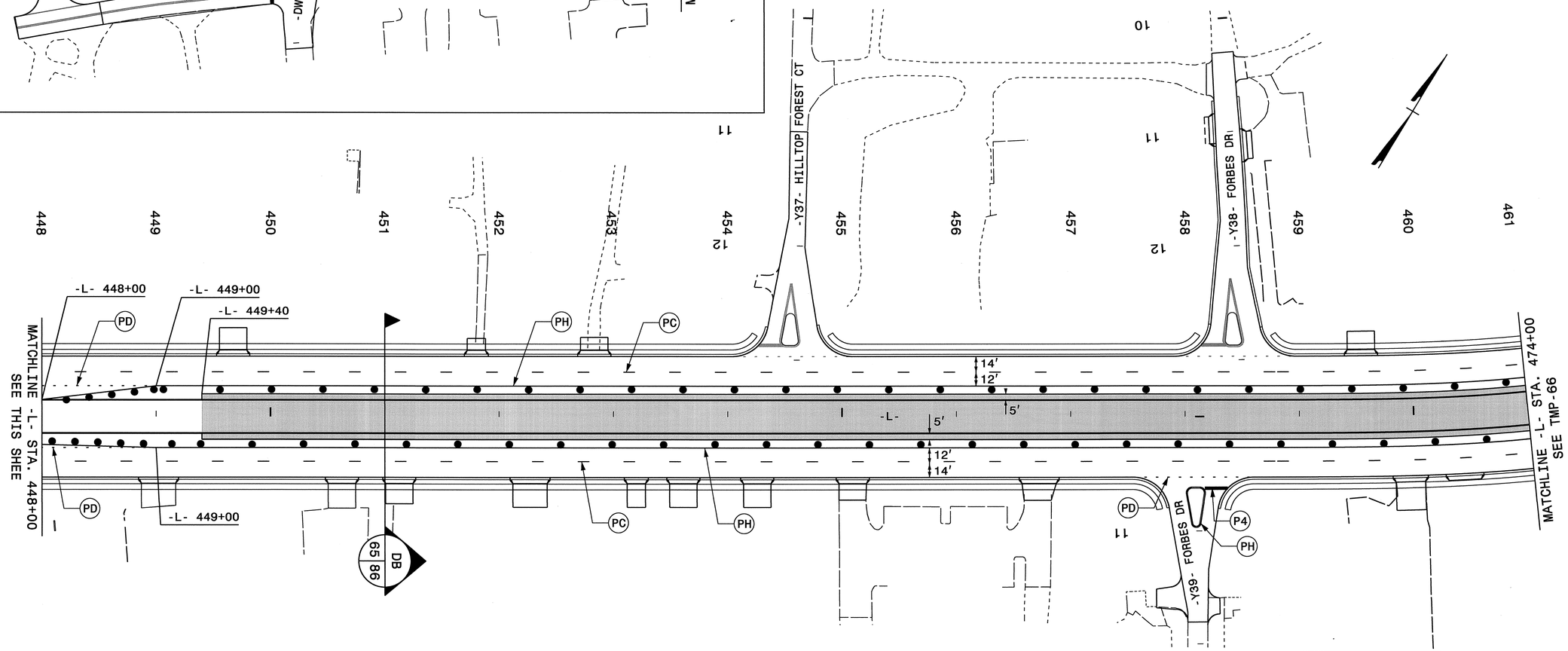
-L- 348+00 TO -L- 361+00

02-MAY-2012 11:03
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-64_phase04.dgn
rdonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-65







SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE: 5/4/12

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

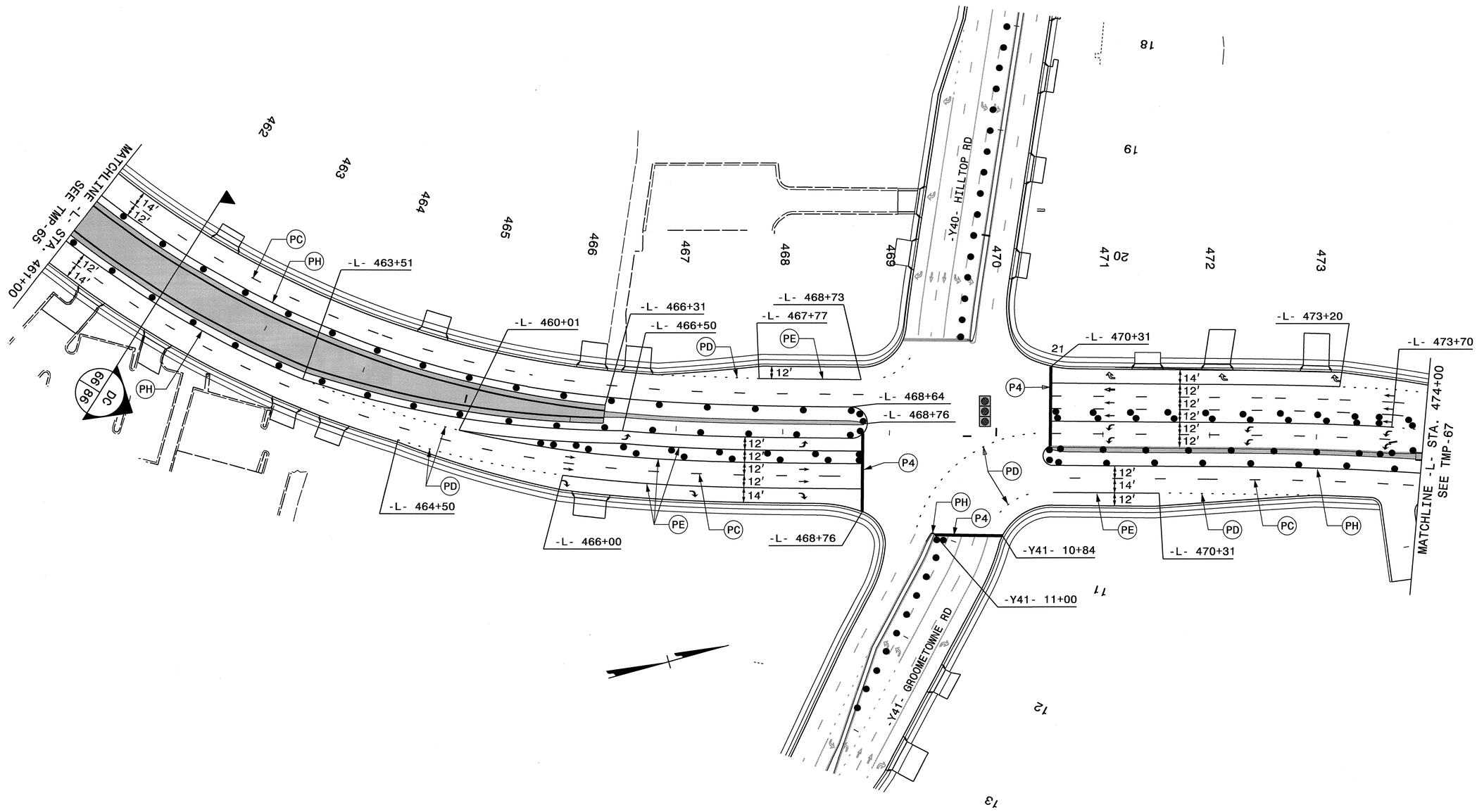
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE IV PLAN

-L- 441+50 TO -L- 474+00

03-MAY-2012 12:28
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-65_phase04.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-66



SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: 5/4/12

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

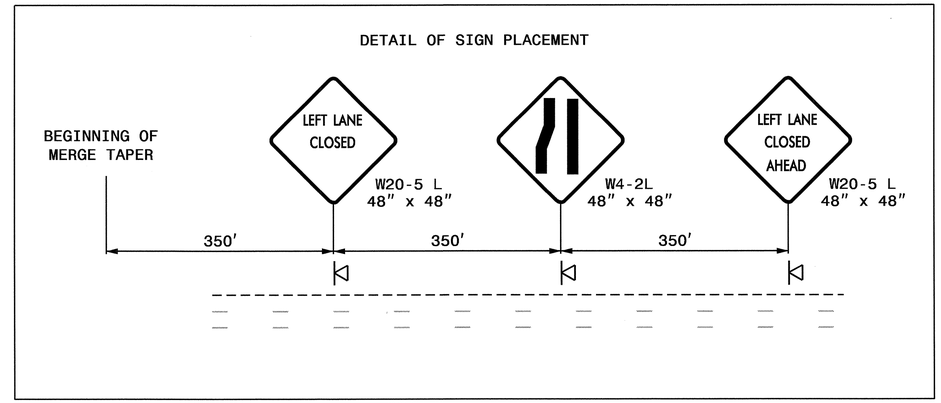
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

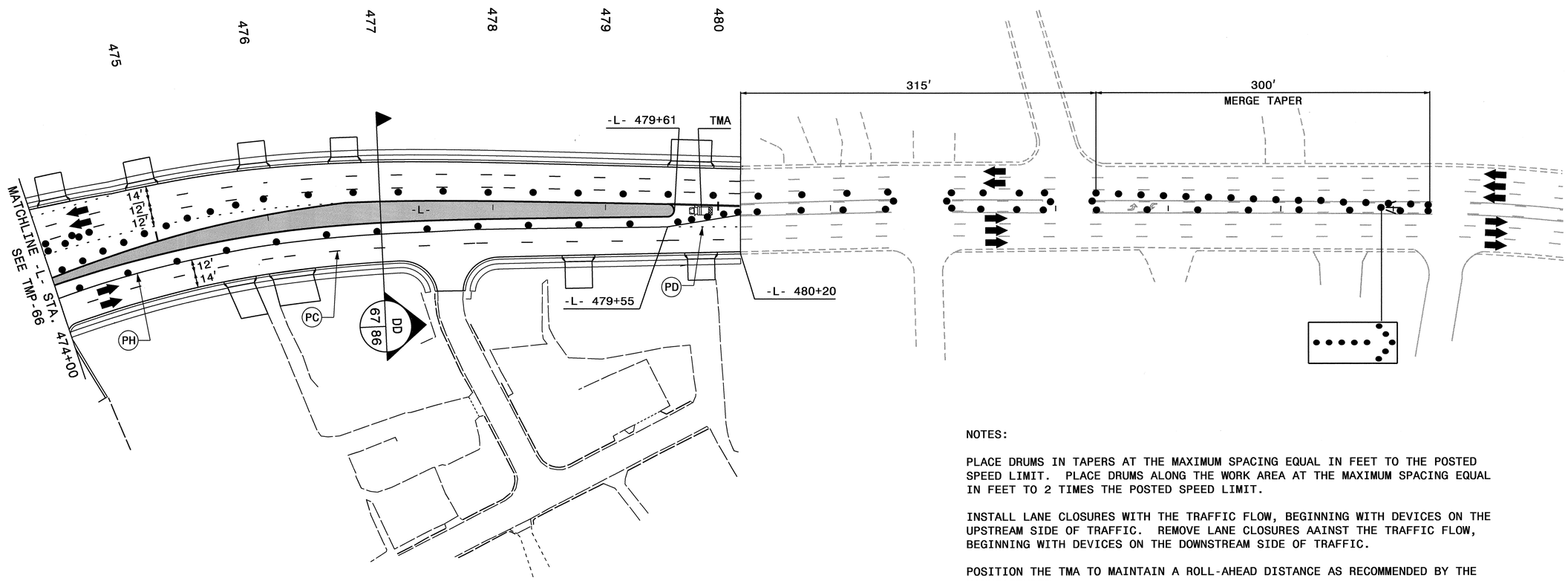
PHASE IV PLAN

-L- 460+00 TO -L- 474+00

02-MAY-2012 11:03
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-66_phase04.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-67





NOTES:

PLACE DRUMS IN TAPERS AT THE MAXIMUM SPACING EQUAL IN FEET TO THE POSTED SPEED LIMIT. PLACE DRUMS ALONG THE WORK AREA AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES THE POSTED SPEED LIMIT.

INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.

POSITION THE TMA TO MAINTAIN A ROLL-AHEAD DISTANCE AS RECOMMENDED BY THE MANUFACTURER.

SEE SHEET TMP-1A FOR PAVEMENT MARKING SCHEDULE

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

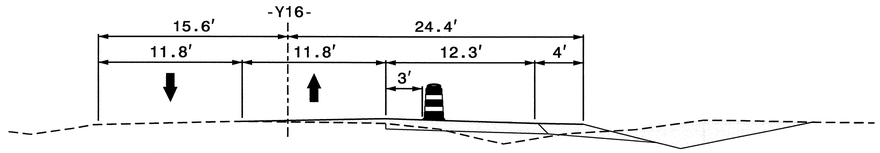
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE IV PLAN

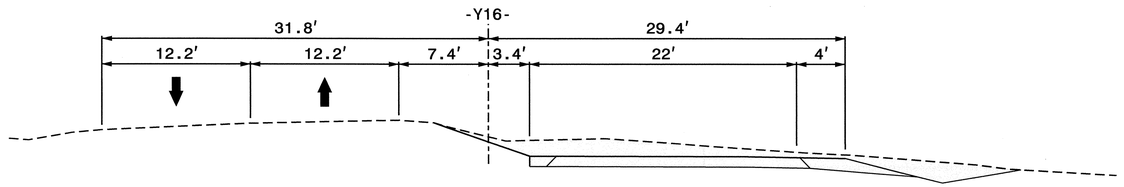
-L- 474+00 TO -L- 480+20

02-MAY-2012 11:03
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-67_phase04.dgn
ldonaldson AT TE237459

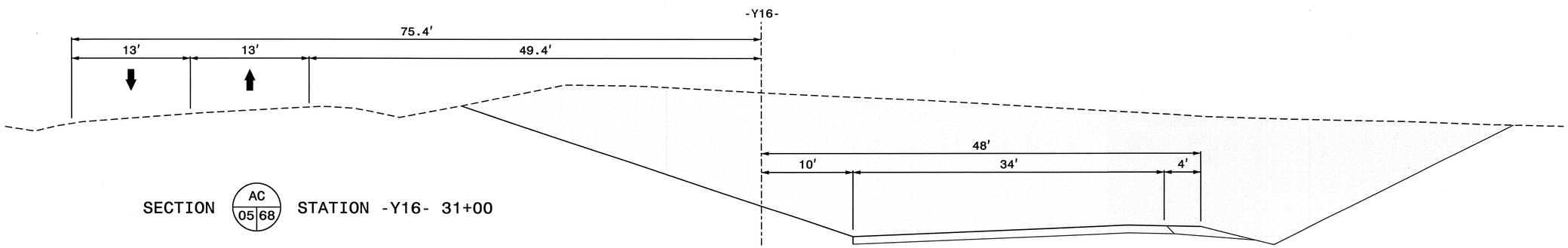
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-68



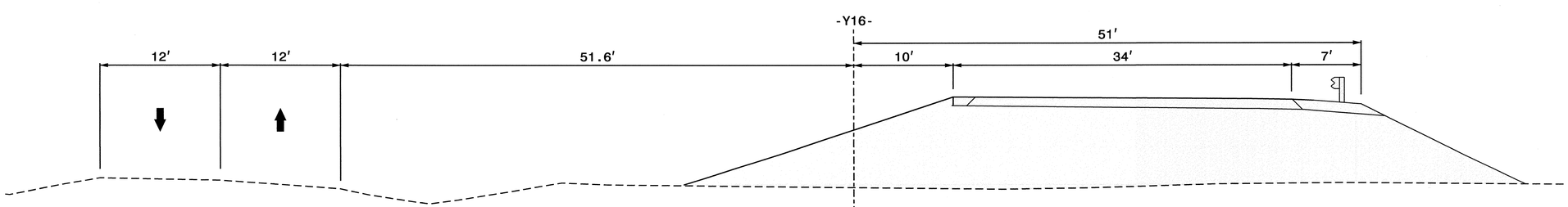
SECTION AA 04 68 STATION -Y16- 24+00



SECTION AB 04 68 STATION -Y16- 26+50



SECTION AC 05 68 STATION -Y16- 31+00



SECTION AD 05 68 STATION -Y16- 37+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: J. W. Woolard DATE: 6/8/12

SEAL

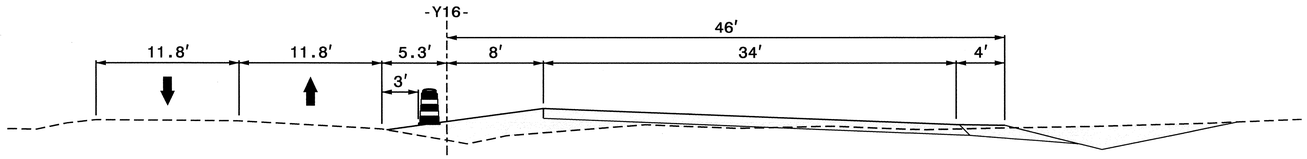
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

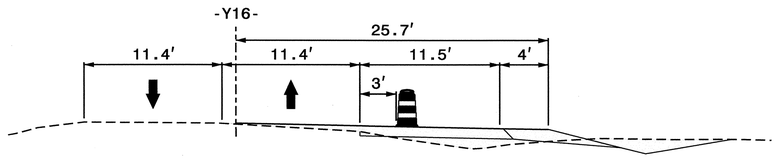
PHASE I SECTIONS
AA - AD

05-JUN-2012 09:23
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-68_Phase01sections y16.dgn
ldonaldson AT TE237459

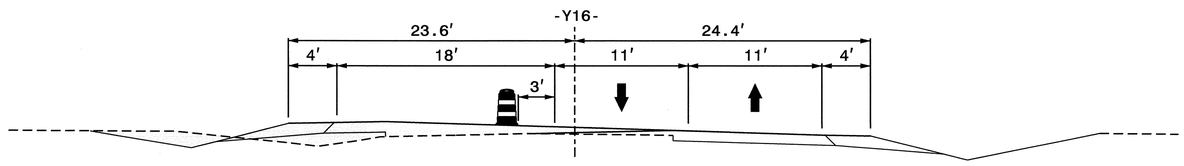
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-69



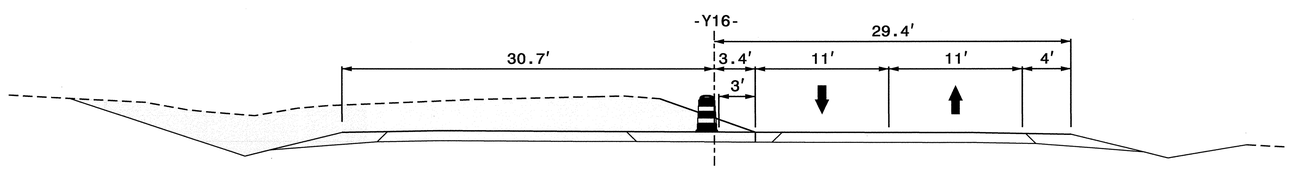
SECTION AE 06 69 STATION -Y16- 40+00



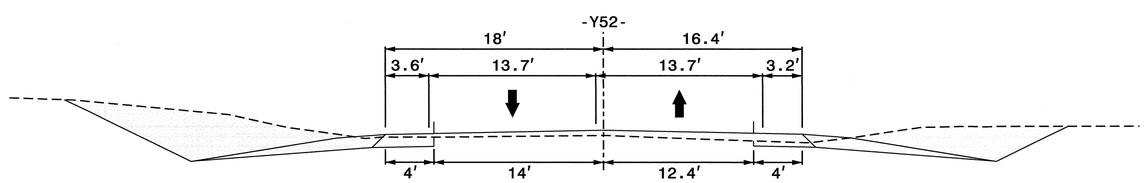
SECTION AF 06 69 STATION -Y16- 44+00



SECTION AG 07 69 STATION -Y16- 24+00



SECTION AH 07 69 STATION -Y16- 26+50



SECTION AI 07 69 STATION -Y52- 14+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

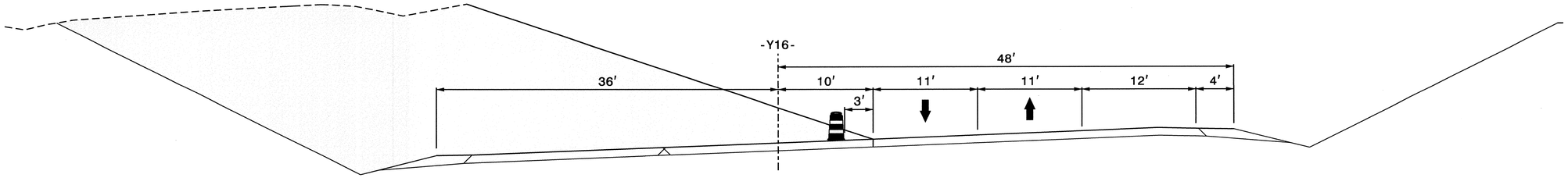
6/8/12

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

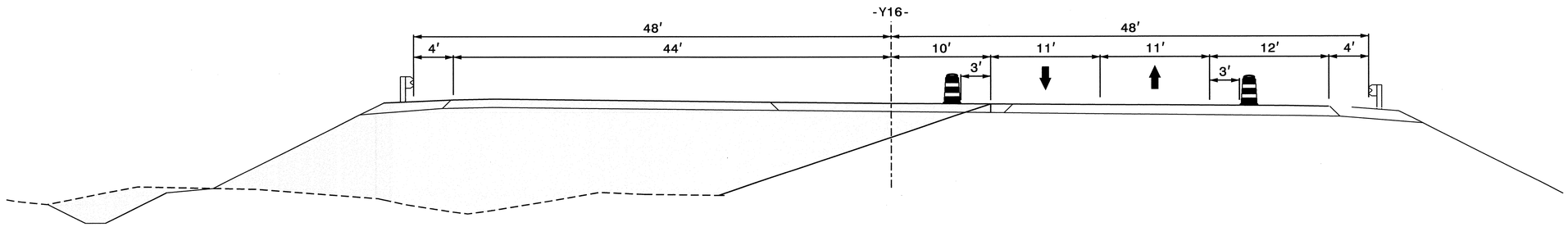
PHASE I SECTIONS AE - AI

05-JUN-2012 09:27
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-69_PhaseOI sections yl6.dgn
ldonaldson AT TE237459

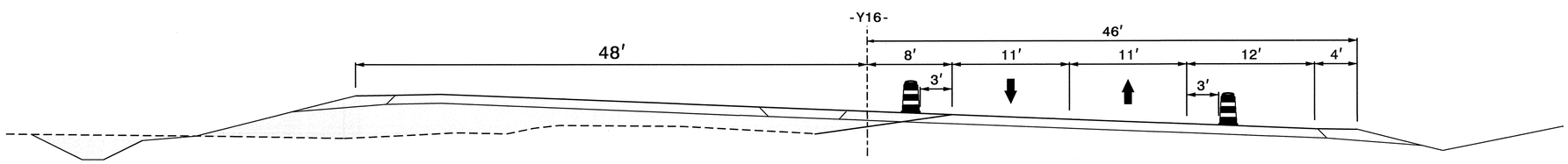
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-70



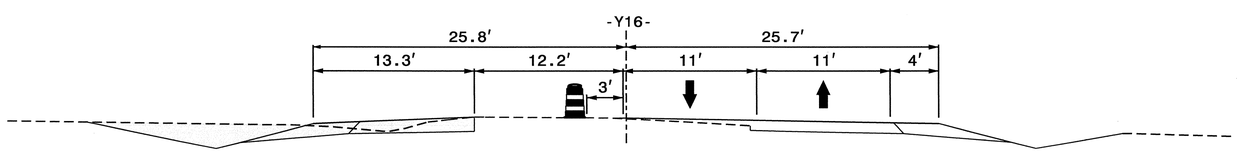
SECTION AJ 08/70 STATION -Y16- 31+00



SECTION AK 08/70 STATION -Y16- 37+00



SECTION AL 09/70 STATION -Y16- 40+00



SECTION AM 09/70 STATION -Y16- 44+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE: 6/8/12

SEAL

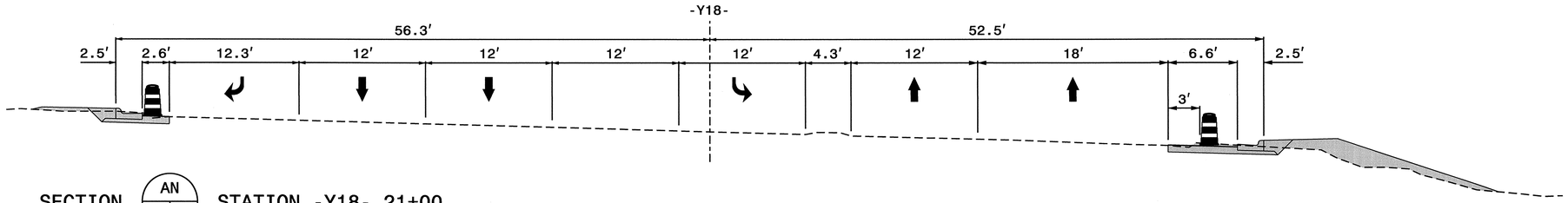
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

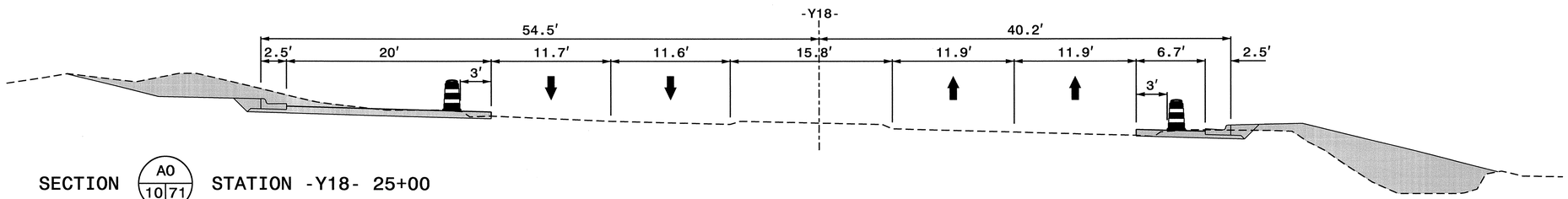
PHASE I SECTIONS
AJ - AM

05-JUN-2012 09:36
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-T0_Phase01sections yl6.dgn
ldonaldson AT TE23T459

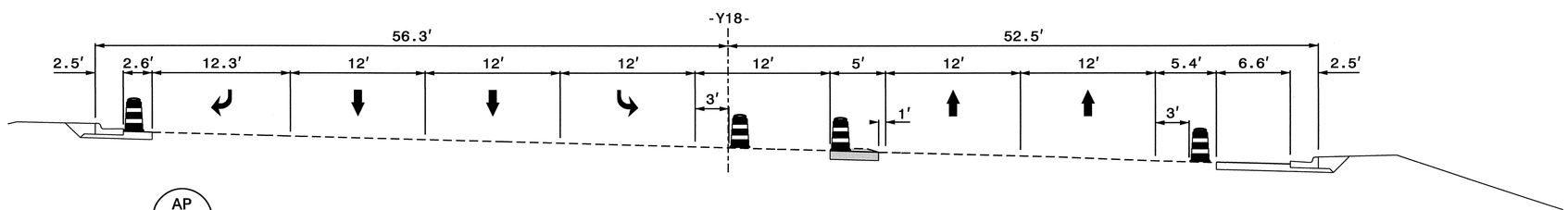
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-71



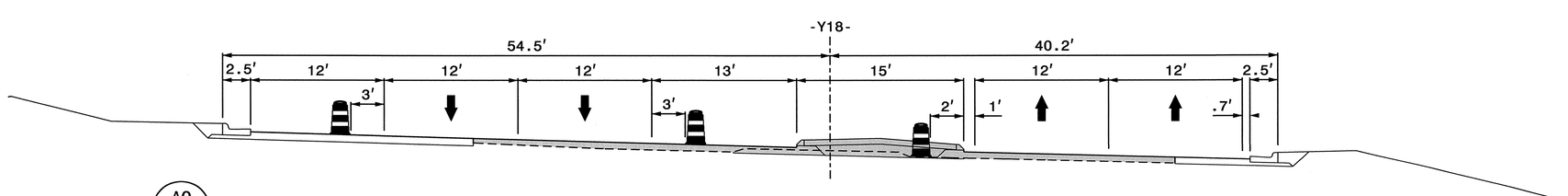
SECTION AN 10 71 STATION -Y18- 21+00



SECTION AO 10 71 STATION -Y18- 25+00



SECTION AP 11 71 STATION -Y18- 21+00



SECTION AQ 11 71 STATION -Y18- 25+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD, JR.

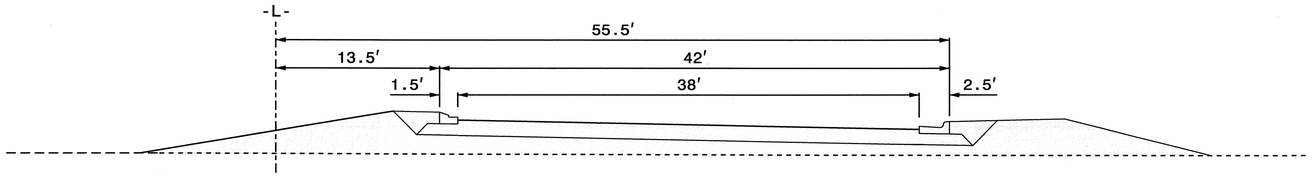
6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

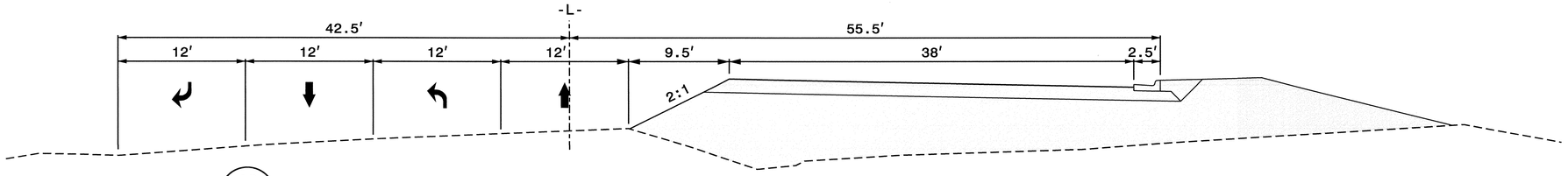
PHASE I SECTIONS AN - AQ

05-JUN-2012 09:40
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-71_Phase01sections.dgn
ldonaldson AT TE237459

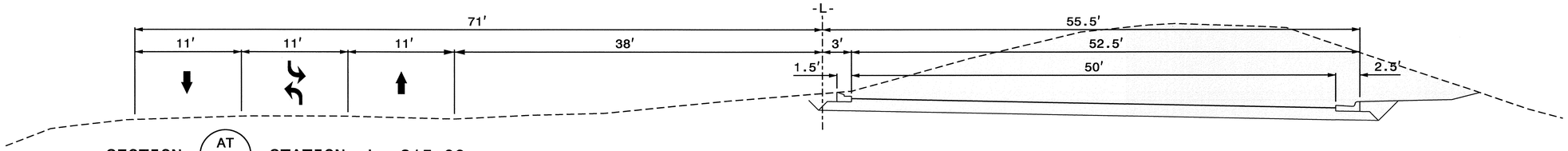
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-72



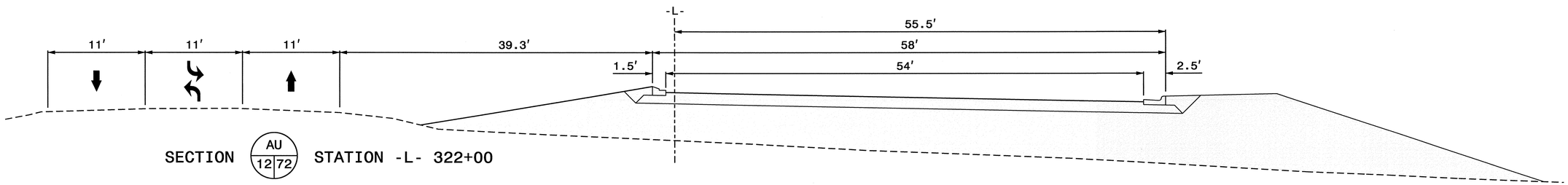
SECTION AR 12 72 STATION -L- 298+00



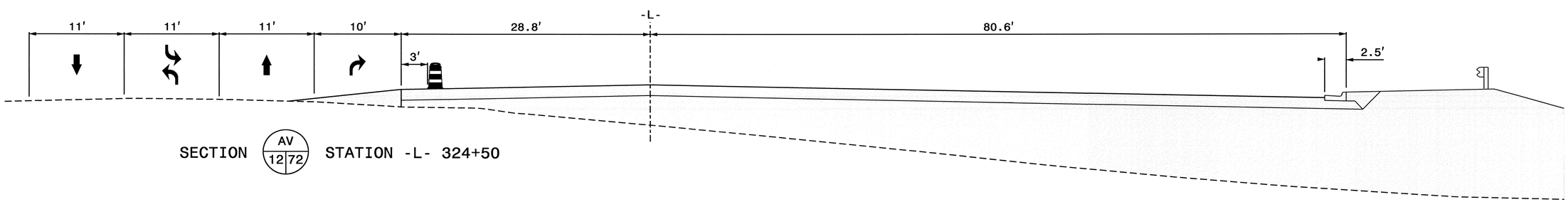
SECTION AS 12 72 STATION -L- 303+00



SECTION AT 12 72 STATION -L- 315+00



SECTION AU 12 72 STATION -L- 322+00



SECTION AV 12 72 STATION -L- 324+50

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD JR.

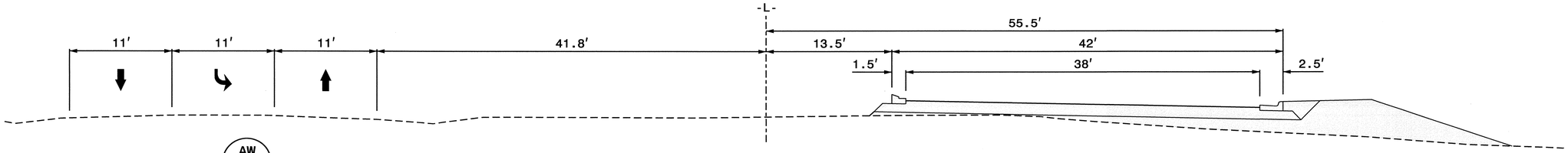
6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

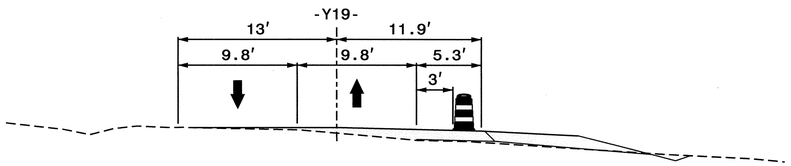
PHASE I SECTIONS AR - AV

05-JUN-2012 09:50
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-72_Phase01sections.dgn
ldonaldson AT TE237459

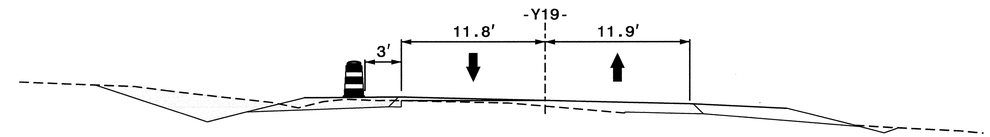
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-73



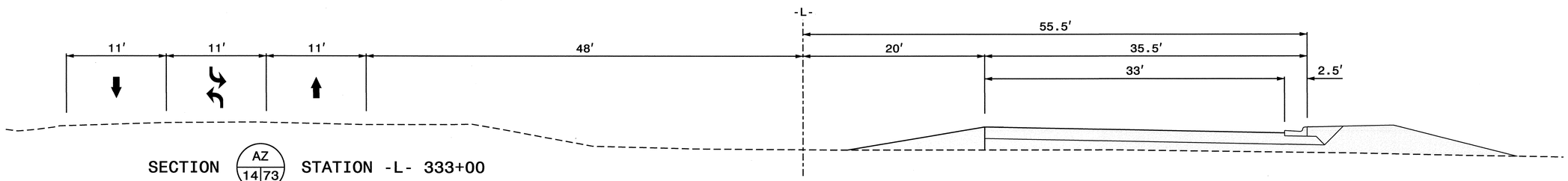
SECTION AW 13 73 STATION -L- 327+00



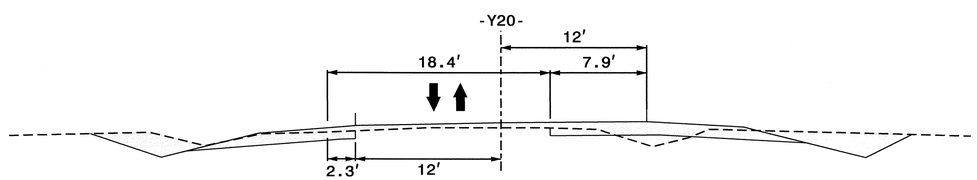
SECTION AX 13 73 STATION -Y19- 13+50



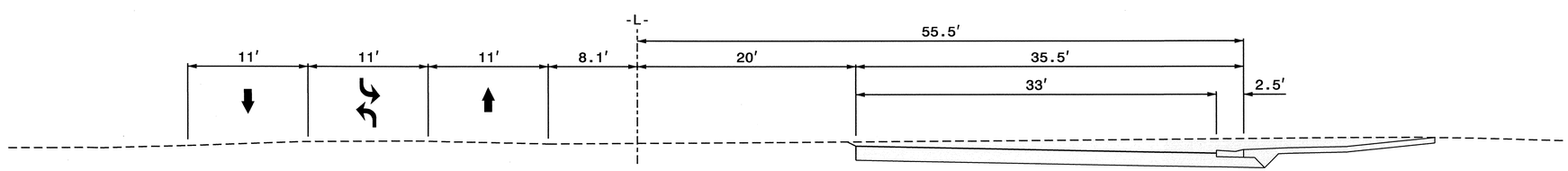
SECTION AY 13 73 STATION -Y19- 13+50



SECTION AZ 14 73 STATION -L- 333+00



SECTION BA 14 73 STATION -Y20- 12+00



SECTION BB 15 73 STATION -L- 341+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

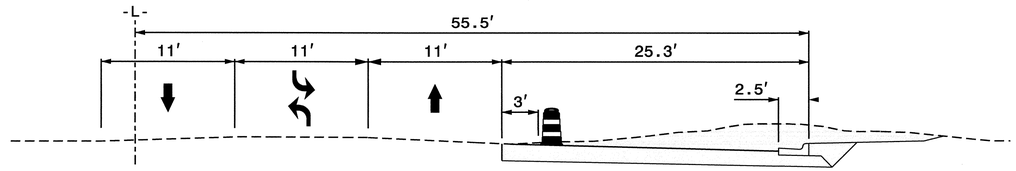
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD, JR. 6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

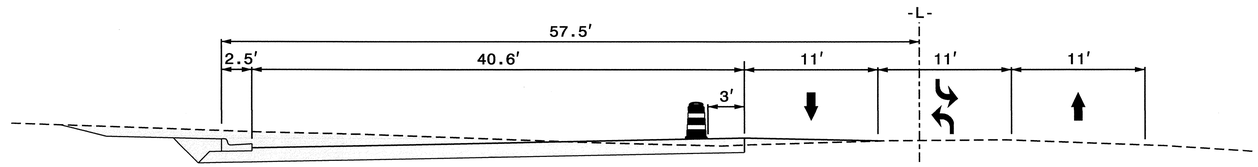
PHASE I SECTIONS AW - BB

05-JUN-2012 (0:0)
\\dot\dfs00f01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-73_Phase01sections.dgn
\\dot\dfs00f01\proj\TIP
\\dot\dfs00f01\proj\TIP
jdandson AT 1223/1459

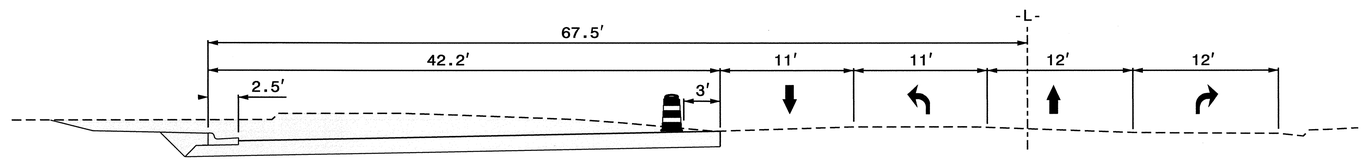
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-74



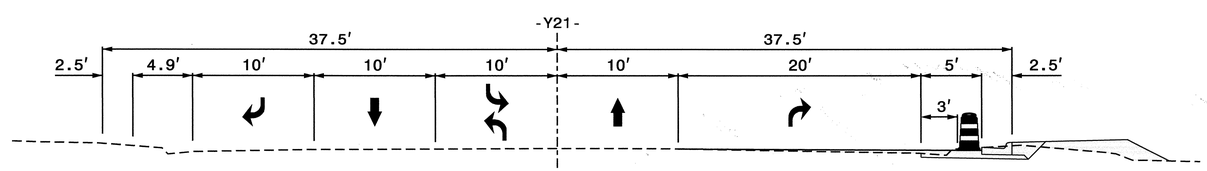
SECTION BC 15 74 STATION -L- 344+00



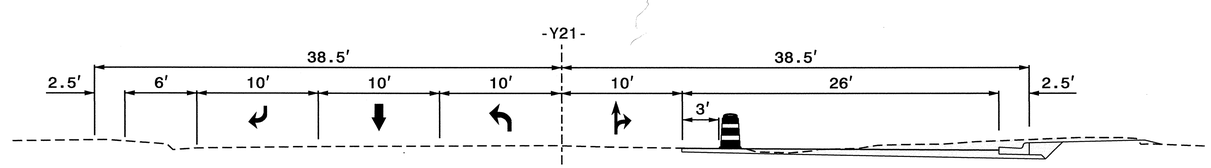
SECTION BD 16 74 STATION -L- 351+00



SECTION BE 16 74 STATION -L- 353+00



SECTION BF 16 74 STATION -Y21- 15+00



SECTION BG 16 74 STATION -Y21- 18+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE: 6/8/12

SEAL

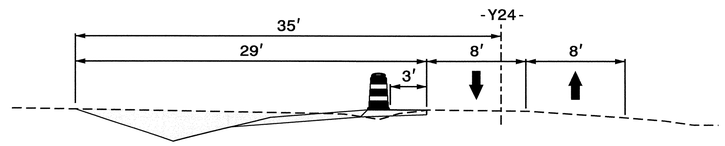
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

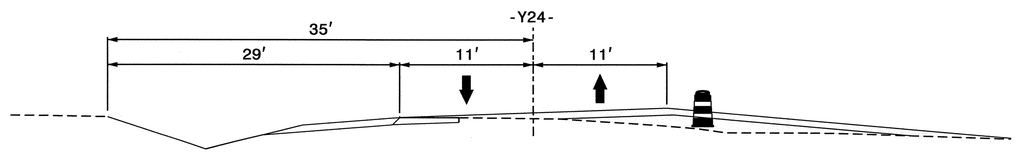
PHASE I SECTIONS
BC - BG

05-JUN-2012 10:33
\\dot\dfs-oot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-74_Phase01sections.dgn
ldonaldson AT TE237459

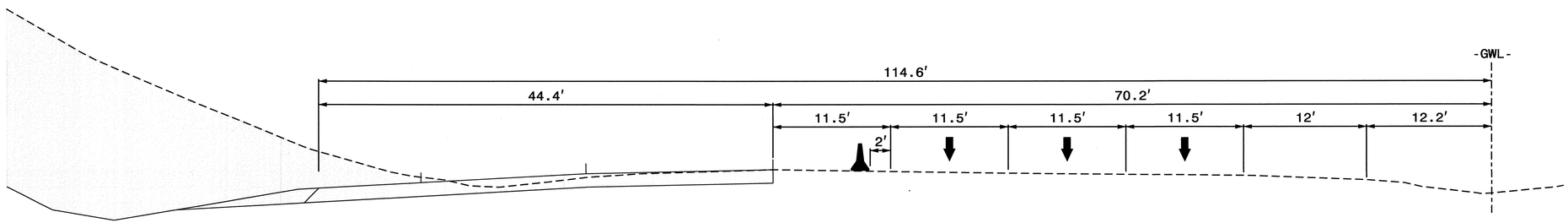
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-75



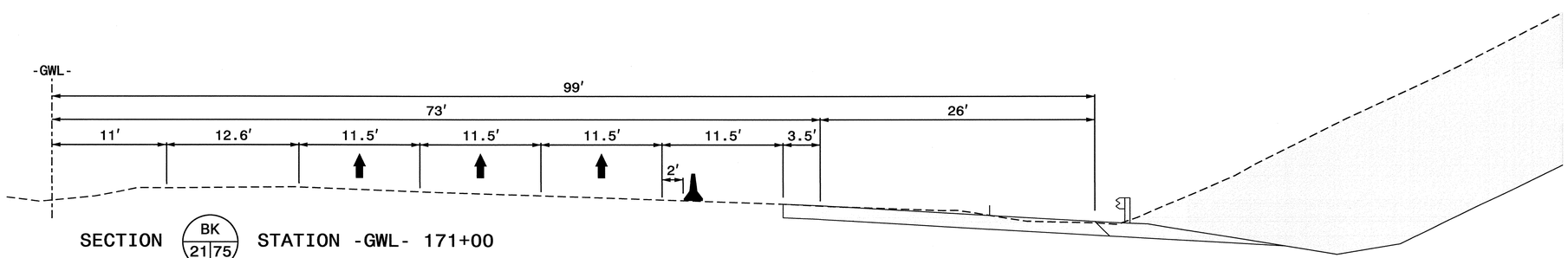
SECTION BH 18 75 STATION -Y24- 13+50



SECTION BI 19 75 STATION -Y24- 13+50



SECTION BJ 21 75 STATION -GWL- 170+00



SECTION BK 21 75 STATION -GWL- 171+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

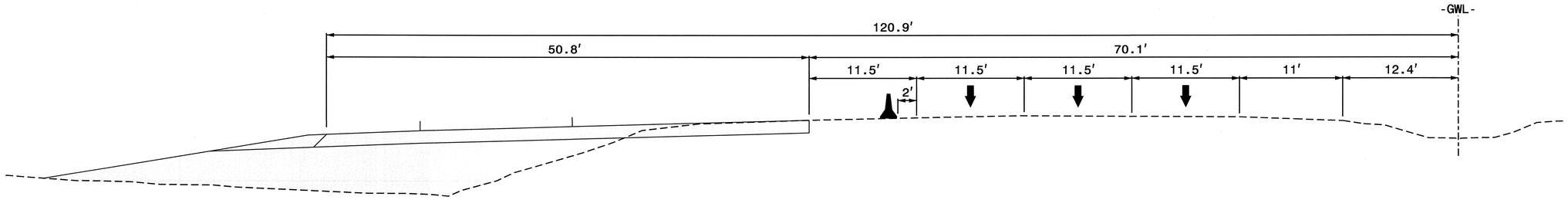
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR. 6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

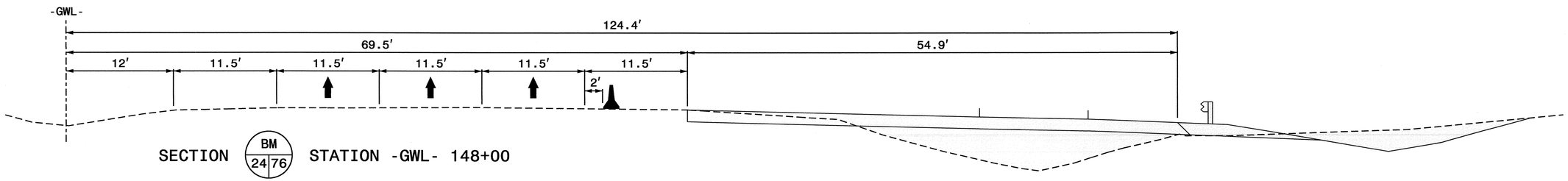
PHASE I SECTIONS
BH - BK

05-JUN-2012 10:37
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-75_Phase0Isections.dgn
ldonaldson AT TE23T459

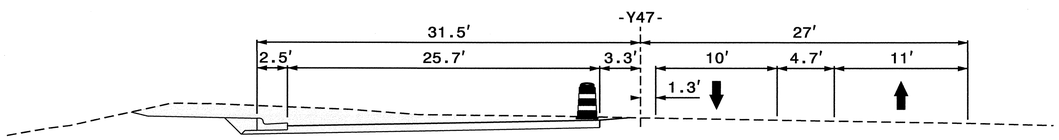
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-76



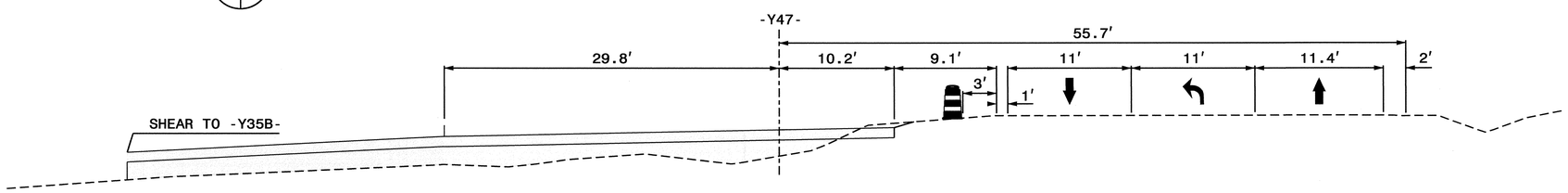
SECTION BL 24/76 STATION -GWL- 149+00



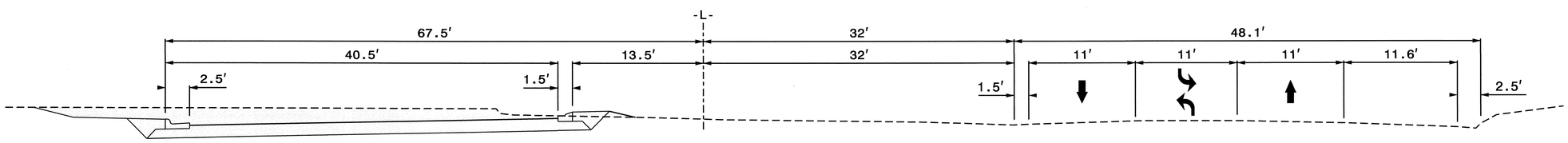
SECTION BM 24/76 STATION -GWL- 148+00



SECTION BN 26/76 STATION -Y47- 19+00



SECTION BO 26/76 STATION -Y47- 20+00



SECTION BP 27/76 STATION -L- 448+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD JR.

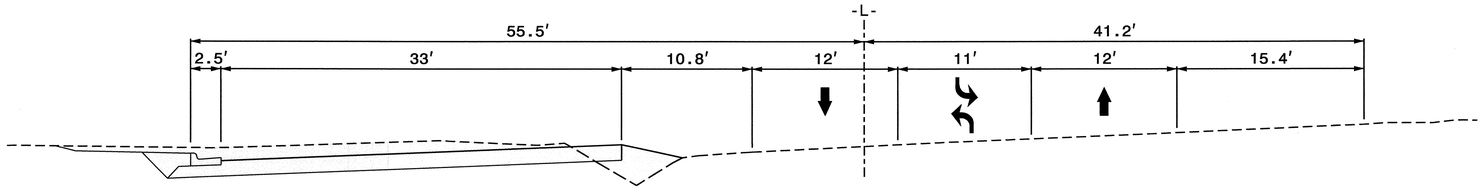
6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

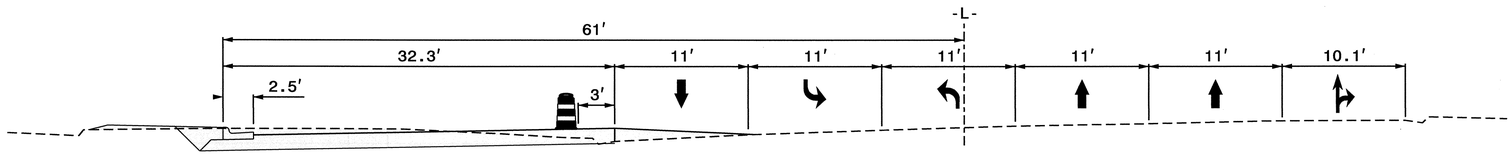
PHASE I SECTIONS
BL - BP

05-JUN-2012 10:41
\\dot\dfs00\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-76_Phase01sections.dgn
donaldson AT TE237459

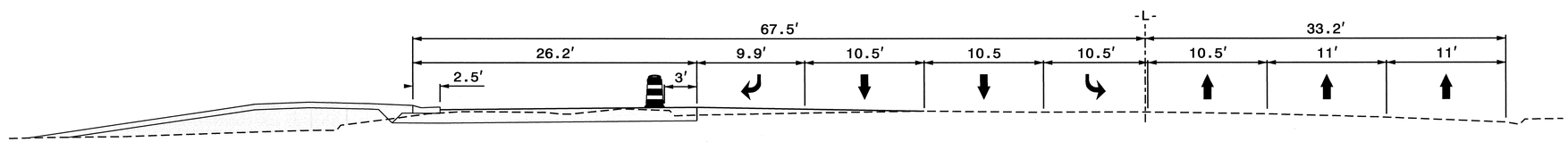
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-77



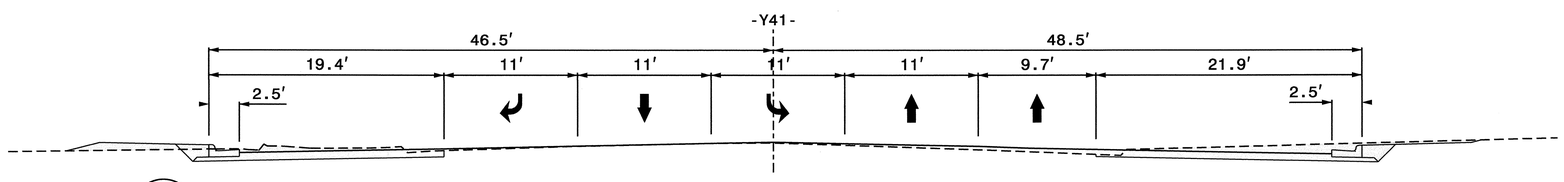
SECTION BQ 28 77 STATION -L- 462+00



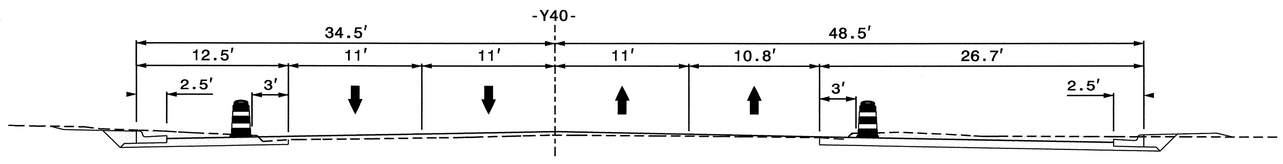
SECTION BR 29 77 STATION -L- 467+00



SECTION BS 29 77 STATION -L- 472+00



SECTION BT 29 77 STATION -Y41- 12+00



SECTION BU 30 77 STATION -Y40- 17+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

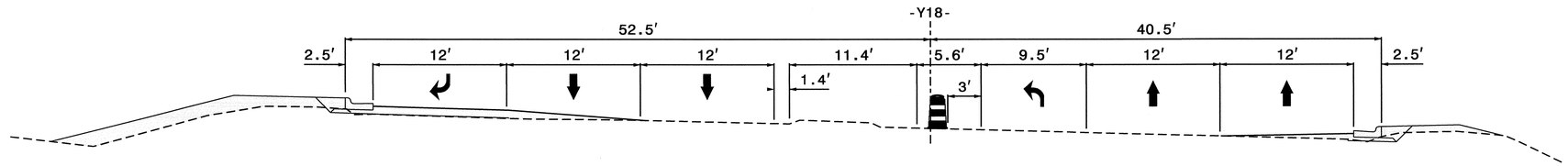
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. 6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

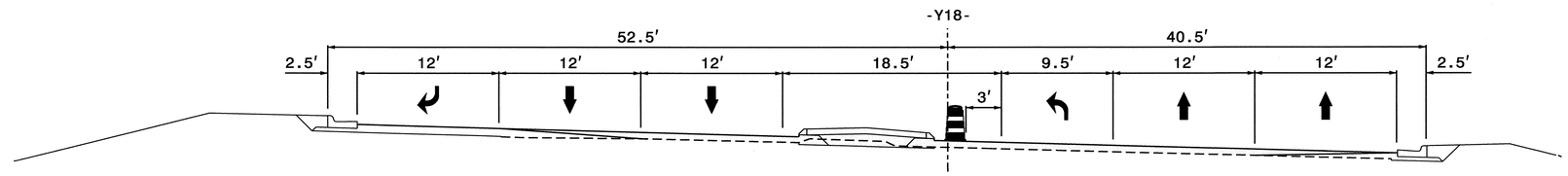
PHASE I SECTIONS
BQ - BU

05-JUN-2012 10:47
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-77_Phase01sections.dgn
ldonaldson AT TE237459

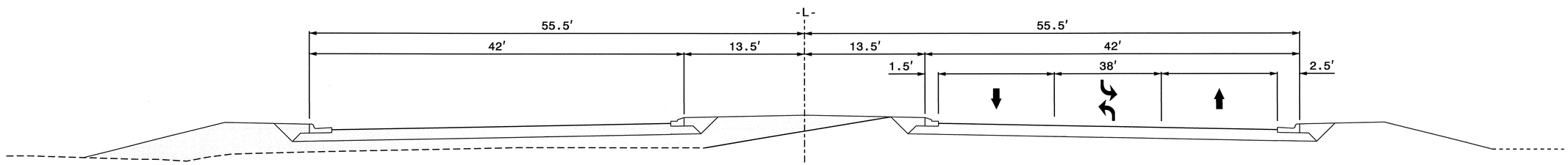
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-78



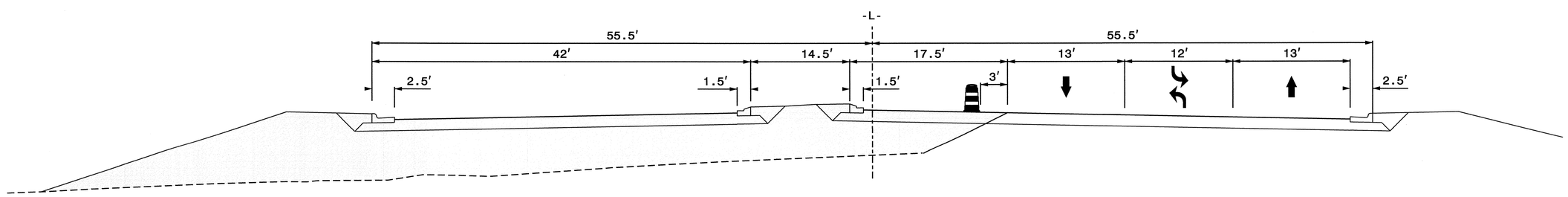
SECTION BV 35/78 STATION -Y18- 17+00



SECTION BW 35/78 STATION -Y18- 17+00



SECTION BX 36/78 STATION -L- 298+00



SECTION BY 36/78 STATION -L- 303+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD JR.

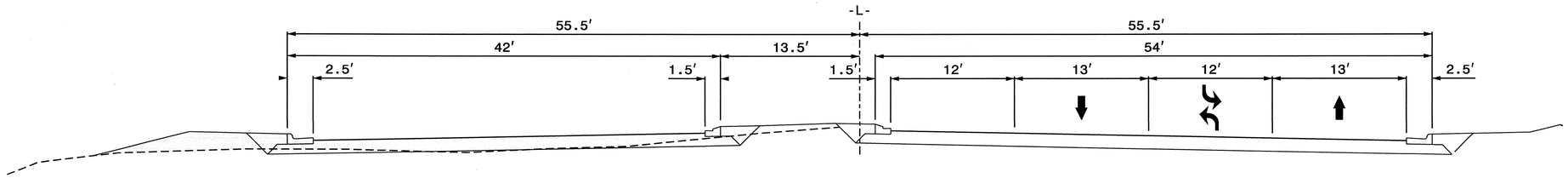
6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

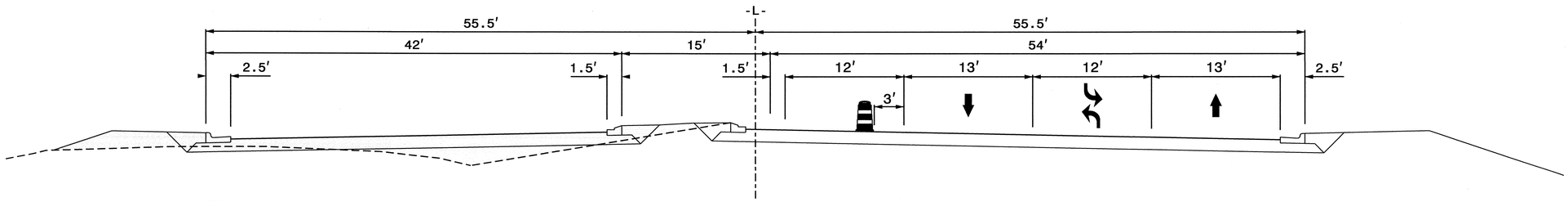
PHASE II SECTIONS BV - BY

05-JUN-2012 10:51
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-78_Phase02 sections.dgn
ldonaldson AT TE237459

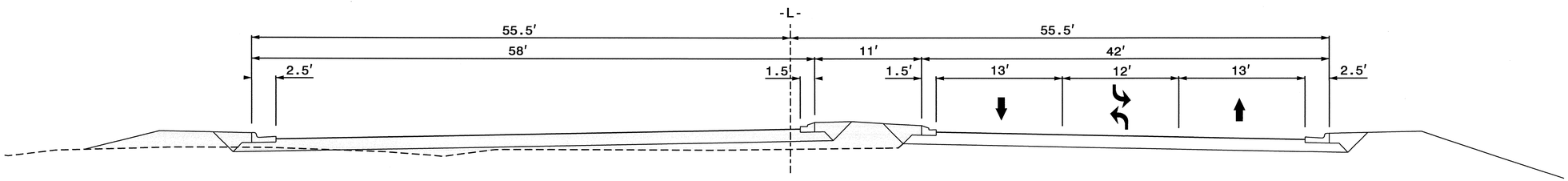
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-79



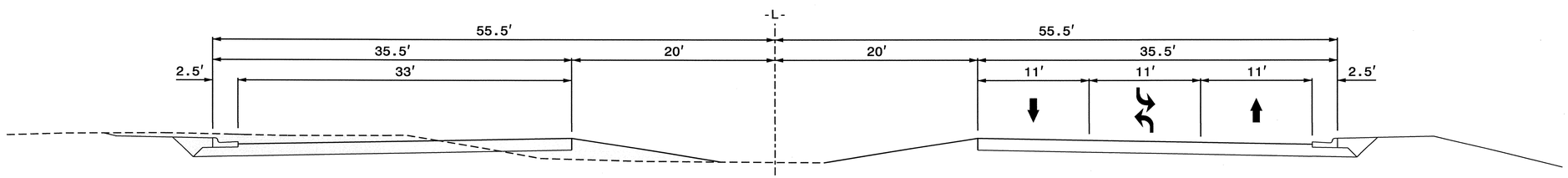
SECTION BZ 36/79 STATION -L- 315+00



SECTION CA 37/79 STATION -L- 322+00



SECTION CB 37/79 STATION -L- 327+00



SECTION CC 38/79 STATION -L- 333+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

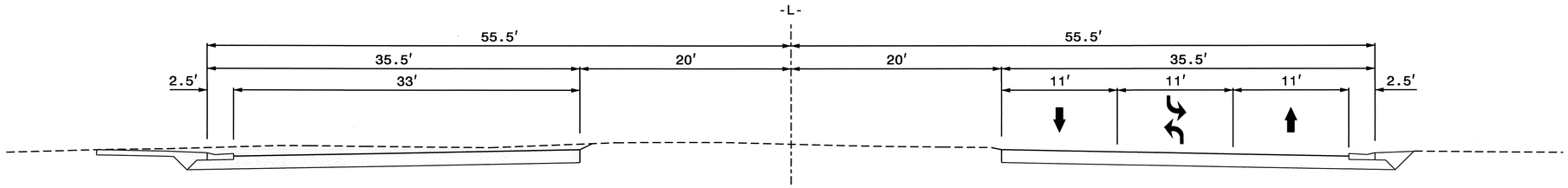
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. 6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

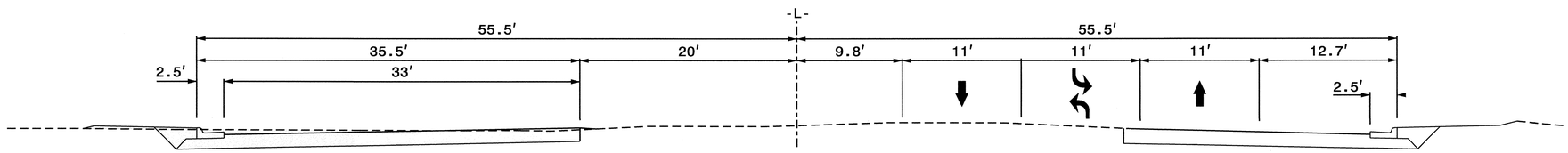
PHASE II SECTIONS
BZ - CC

05-JUN-2012 12:13
\\dot\dfsr00t01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-79_Phase02 sections.dgn
ldonaldson AT TE237459

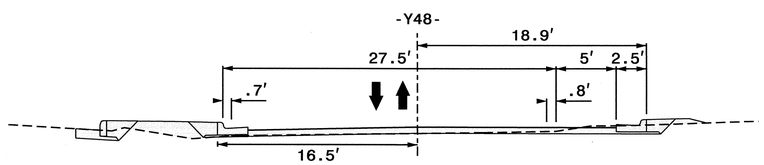
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-80



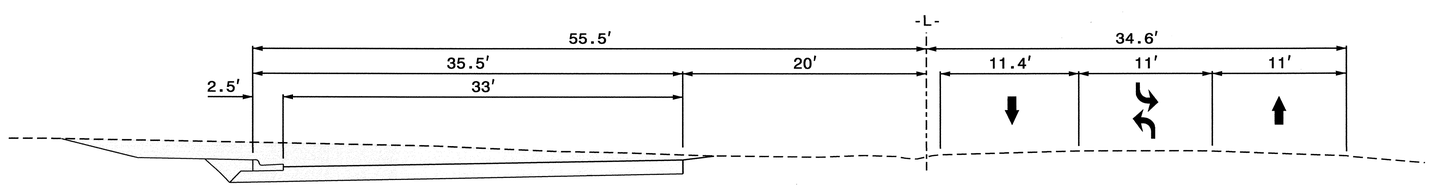
SECTION CD 39 80 STATION -L- 342+00



SECTION CE 39 80 STATION -L- 344+00



SECTION CF 39 80 STATION -Y48- 11+00



SECTION CG 39 80 STATION -L- 348+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

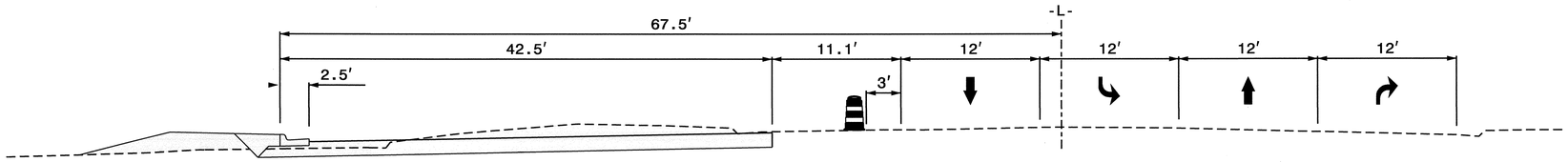
6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

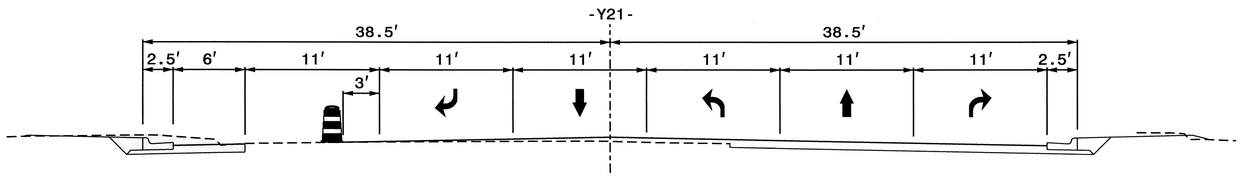
PHASE II SECTIONS CD - CG

05-JUN-2012 11:12
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-80_Phase02 sections.dgn
donaldson AT TE237459

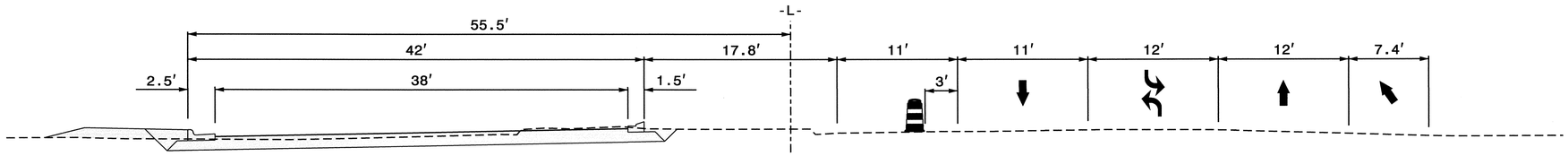
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-81



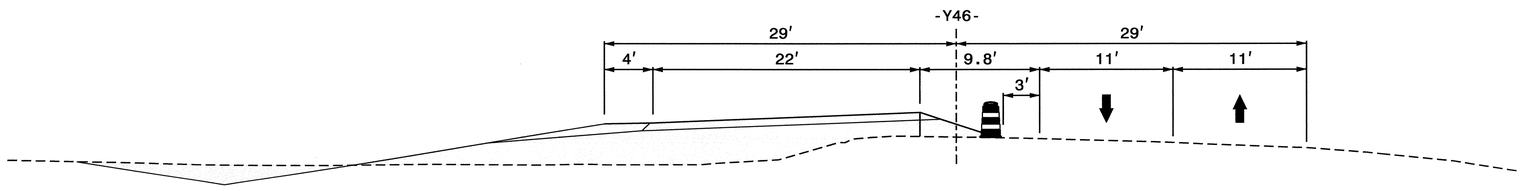
SECTION CH 40 81 STATION -L- 356+00



SECTION CI 40 81 STATION -Y21- 18+00



SECTION CJ 41 81 STATION -L- 360+00



SECTION CK 42 81 STATION -Y46- 14+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

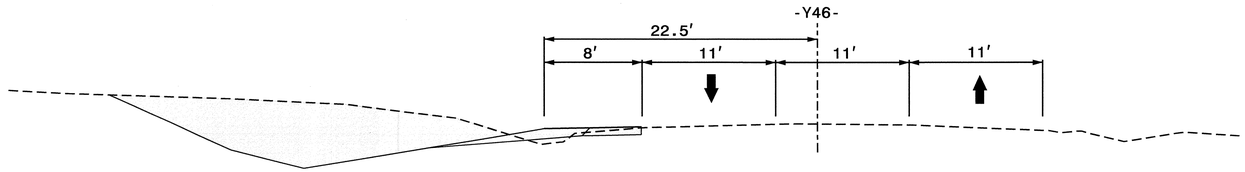
6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

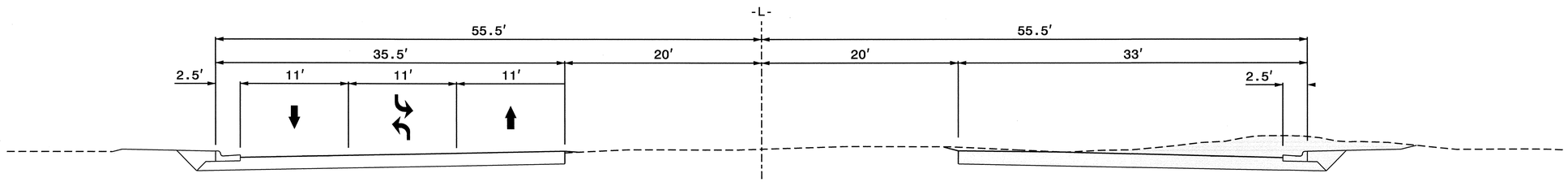
PHASE II SECTIONS CH - CK

05-JUN-2012 11:19
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-81_Phase02 sections.dgn
ldonaldson AT TE237459

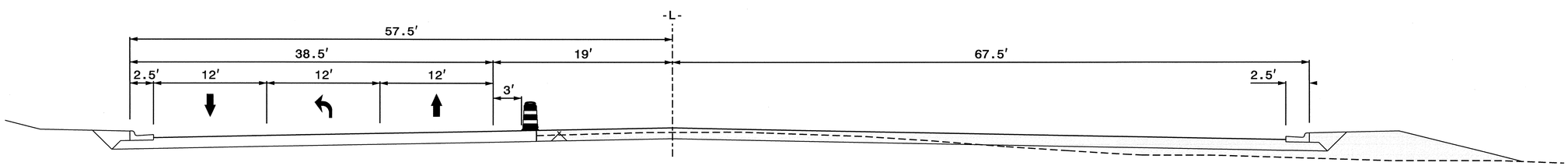
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-82



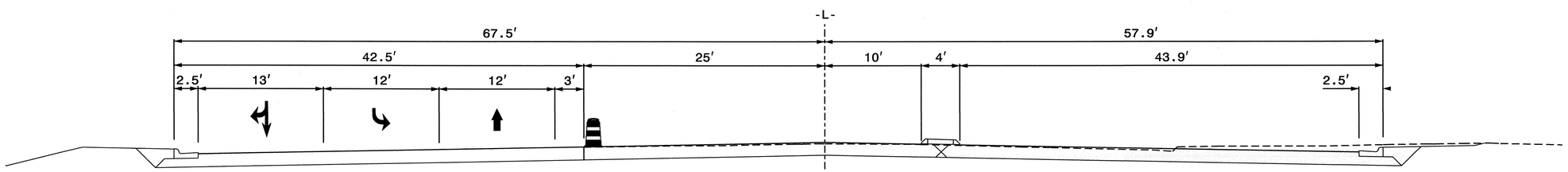
SECTION CL 42 82 STATION -Y46- 16+50



SECTION CM 50 82 STATION -L- 344+00



SECTION CN 51 82 STATION -L- 351+00



SECTION CO 51 82 STATION -L- 356+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

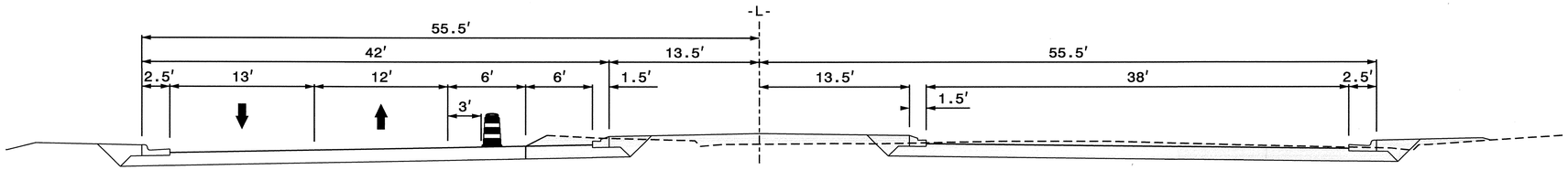
6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

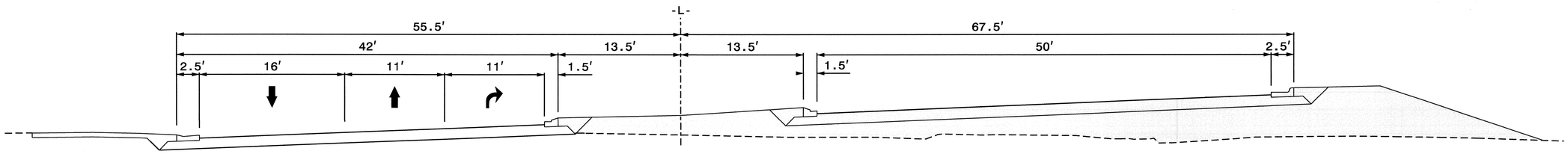
PHASE III SECTIONS CL - CO

05-JUN-2012 11:39
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-82_Phase02 sections.dgn
ldonaldson AT TE237459

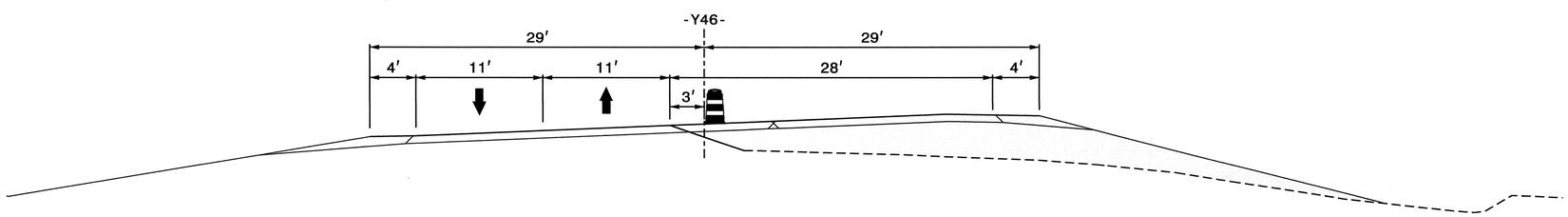
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-83



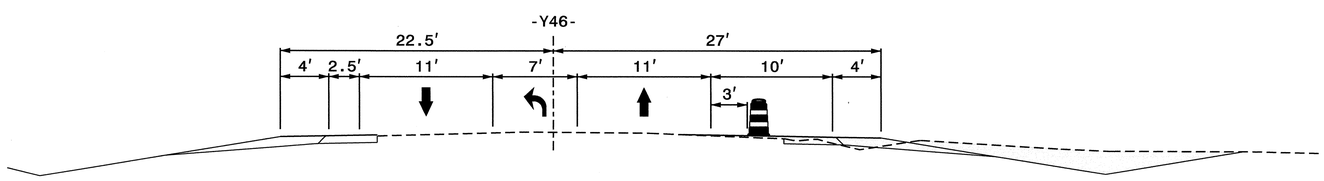
SECTION CP 52 83 STATION -L- 359+00



SECTION CQ 52 83 STATION -L- 363+00



SECTION CR 52 83 STATION -Y46- 14+00



SECTION CS 52 83 STATION -Y46- 16+50

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

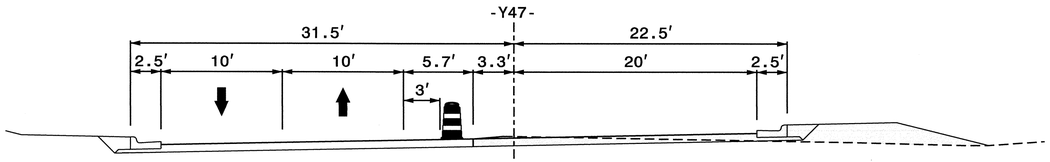
6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

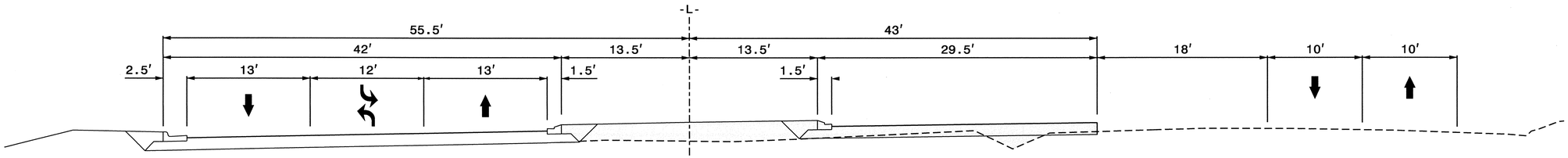
PHASE III SECTIONS
CP - CS

05-JUN-2012 11:43
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-83_Phase02 sections.dgn
ldonaldson AT TE237459

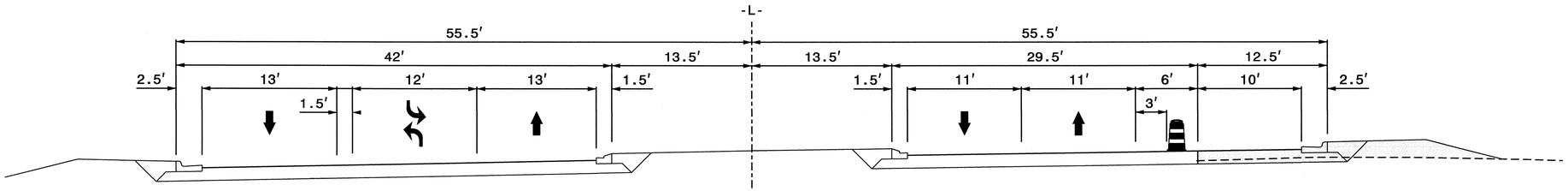
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-84



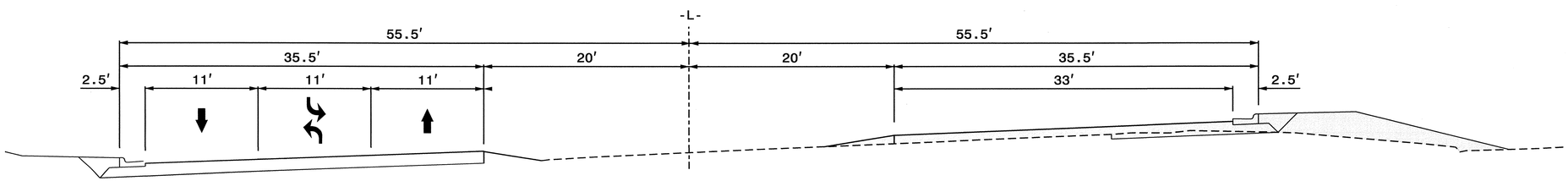
SECTION CT 56|84 STATION -Y47- 19+00



SECTION CU 58|84 STATION -L- 447+00



SECTION CV 58|84 STATION -L- 447+00



SECTION CW 59|84 STATION -L- 462+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

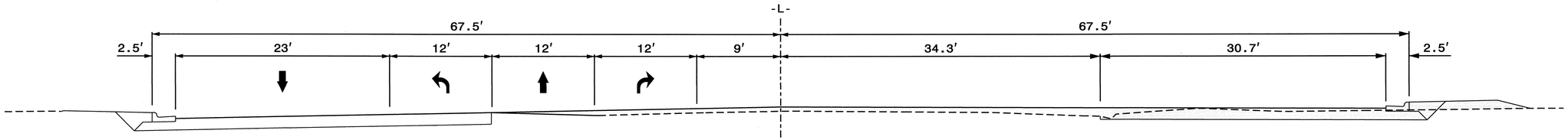
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD JR. 6/8/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

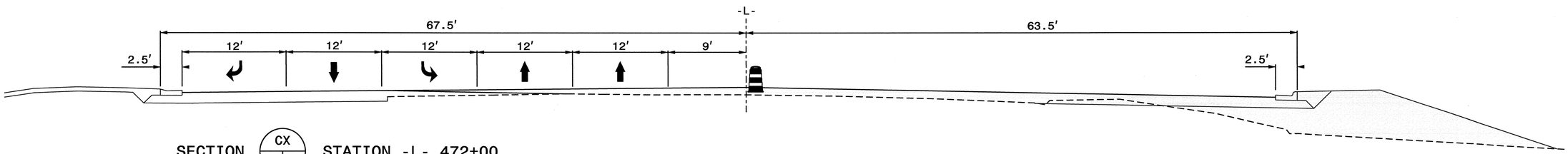
PHASE III SECTIONS CT - CW

05-JUN-2012 11:52
\\dot\dfsroot\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-84_Phase03 sections.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-85



SECTION CW 60 85 STATION -L- 468+00



SECTION CX 60 85 STATION -L- 472+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: DATE: 6/8/12

SEAL

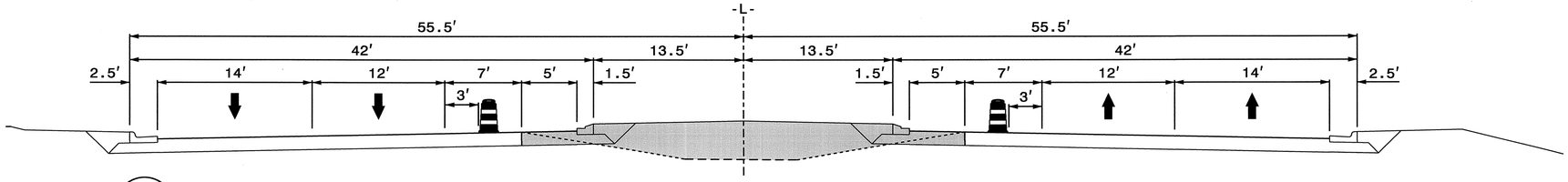
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD JR.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

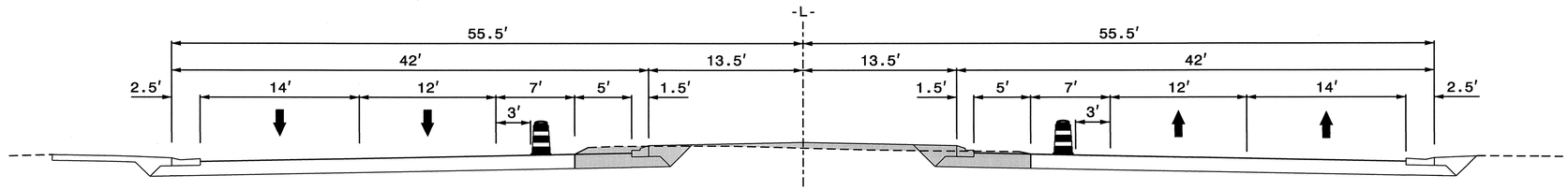
PHASE III SECTIONS
CW - CX

05-JUN-2012 11:55
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-85_Phase03 sections.dgn
ldonaldson AT TE237459

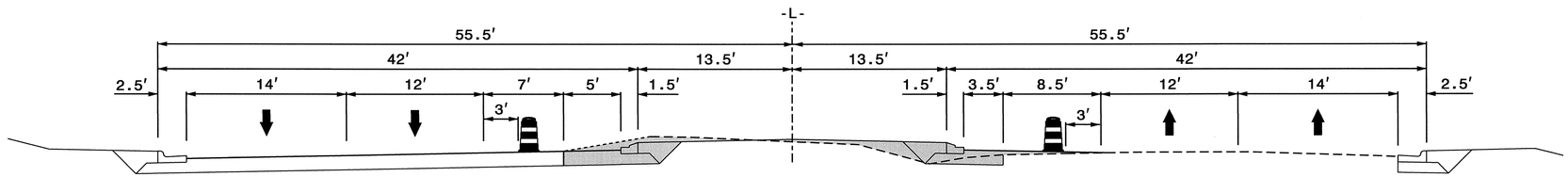
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-86



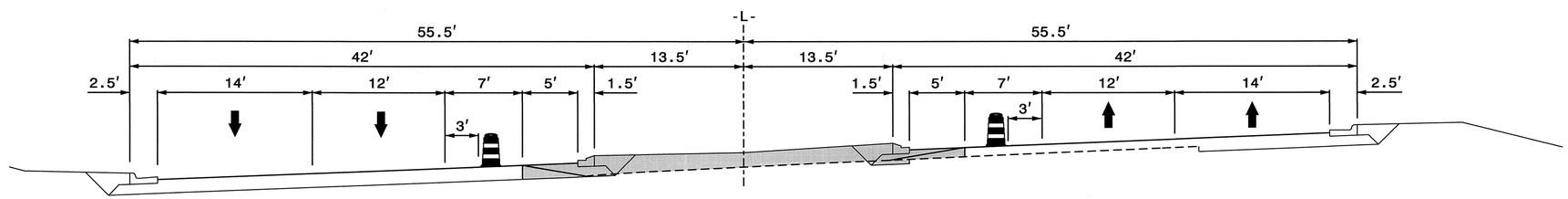
SECTION CZ 62/86 STATION -L- 333+00



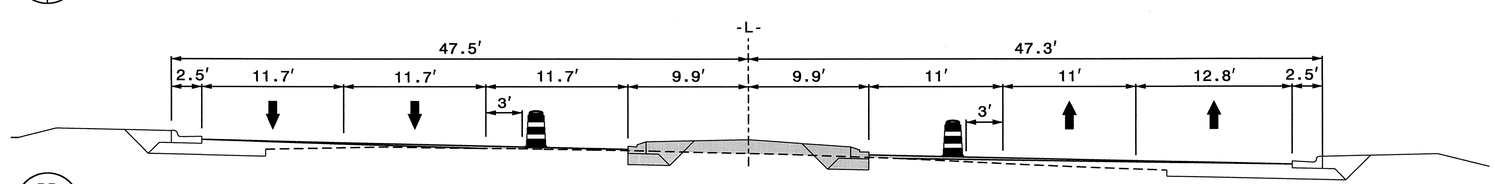
SECTION DA 63/86 STATION -L- 342+00



SECTION DB 65/86 STATION -L- 451+00



SECTION DC 66/86 STATION -L- 462+00



SECTION DD 67/86 STATION -L- 477+00

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. 6/8/12

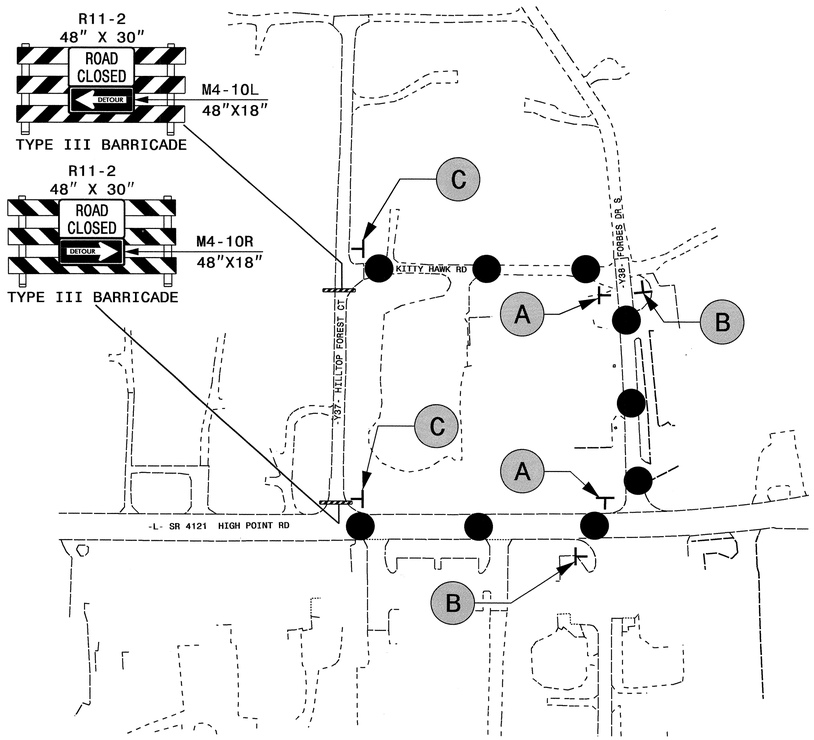
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

PHASE IV SECTIONS
CZ - DD

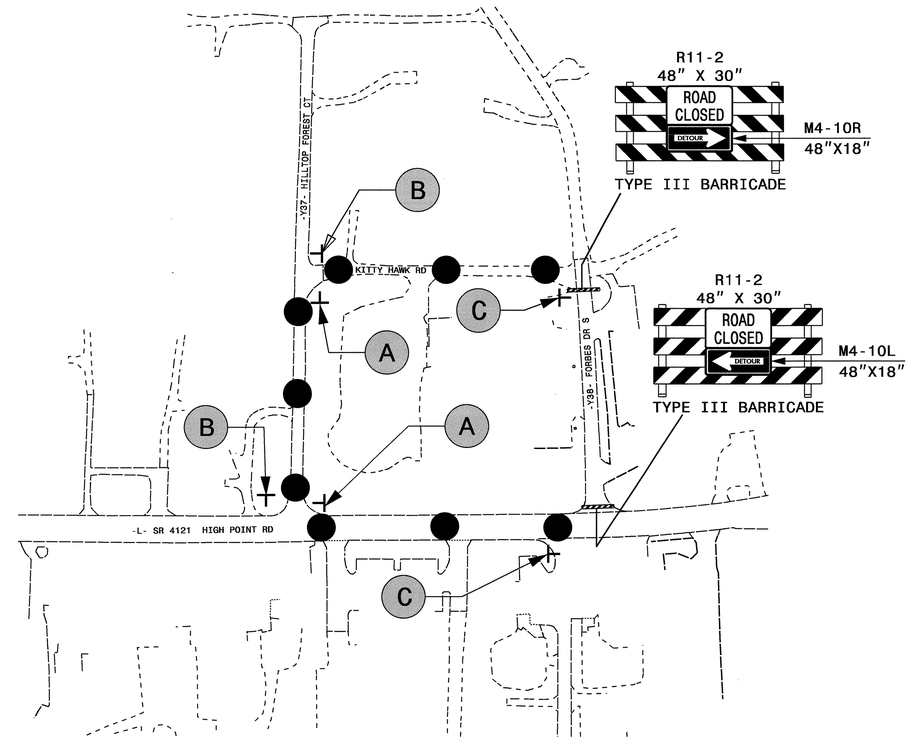
05-JUN-2012 12:03
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-86_Phase04 sections.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-87

-Y37- HILLTOP CREST RD DETOUR



-Y38- FORBES DR S DETOUR



A — DETOUR M4-8 24" X 12"; M6-1 21" X 15"

B — DETOUR M4-8 24" X 12"; M6-1 21" X 15"

C — END DETOUR M4-8 A 24" X 18"

USE RSD 1101.03 SHEET 2 OF 9 FOR ADDITIONAL SIGNING REQUIRED FOR ROAD CLOSURE

APPROVED: _____ DATE _____

SEAL — NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR. — 5/4/12

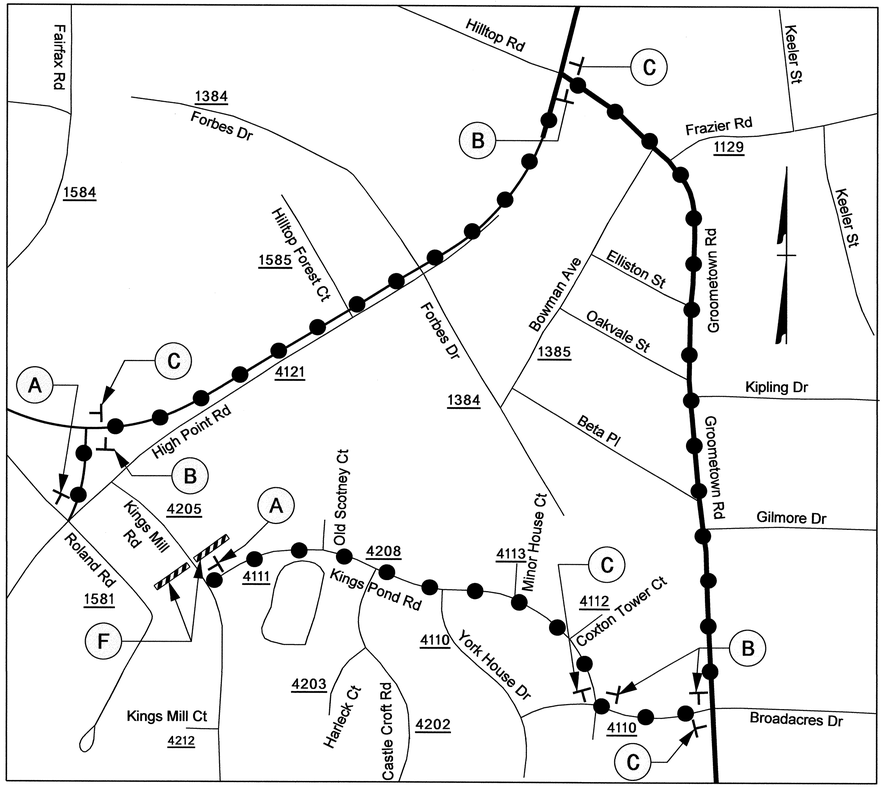
DIVISION OF HIGHWAYS — STATE OF NORTH CAROLINA — DEPARTMENT OF TRANSPORTATION — WORK ZONE TRAFFIC CONTROL

-Y37- HILLTOP CREST RD DETOUR
-Y38- FORBES DR S DETOUR

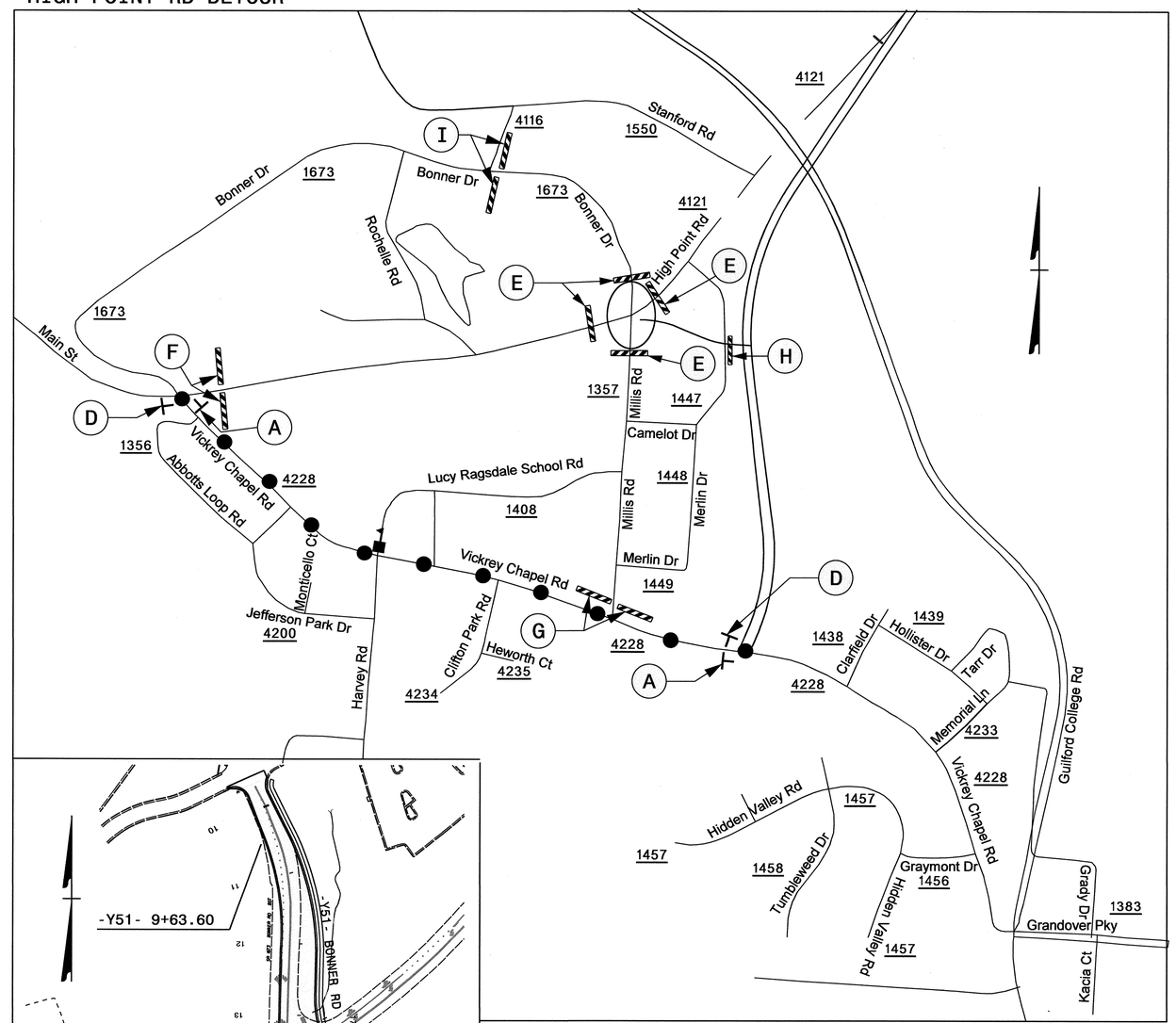
02-MAY-2012 11:15
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-87_det_hilltopforbes.dgn
ldonaldson AT TE237459

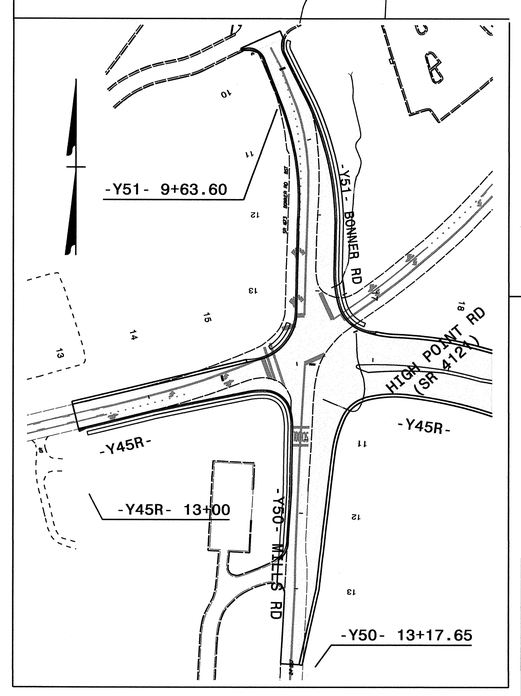
PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-88

-Y49- KINGS MILL RD DETOUR



HIGH POINT RD DETOUR





(A) END DETOUR — M4-8 A, 24" X 18"

(B) KINGS MILL RD — SP12129, 36" X 18"; DETOUR — M4-8, 24" X 12"; M6-1, 21" X 15"

(C) KINGS MILL RD — SP12129, 36" X 18"; DETOUR — M4-8, 24" X 12"; M6-1, 21" X 15"

(D) HIGH POINT RD — SP 12131, 36" X 18"; DETOUR — M4-8, 24" X 12"; M6-1, 21" X 15"

(E) R11-2, 48" X 30", ROAD CLOSED — TYPE III BARRICADE(S)

(F) R11-4, 60" X 30", ROAD CLOSED TO THRU TRAFFIC, DETOUR — M4-10R, 48" x 18", TYPE III BARRICADE

(H) R11-2, 48" X 30", ROAD CLOSED, DETOUR — M4-10L, 48" x 18", TYPE III BARRICADE

(G) R11-4, 60" X 30", ROAD CLOSED TO THRU TRAFFIC, DETOUR — M4-10L, 48" x 18", TYPE III BARRICADE

(I) R11-4, 60" X 30", ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

* SEE ROADWAY STANDARD DRAWING 1101.03 SHEET 1 OF 9 FOR ADDITIONAL SIGNS REQUIRED FOR EACH DETOUR SHOWN

APPROVED: _____ DATE: _____

SEAL — NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER H. WOOLARD, JR. — 6/8/12

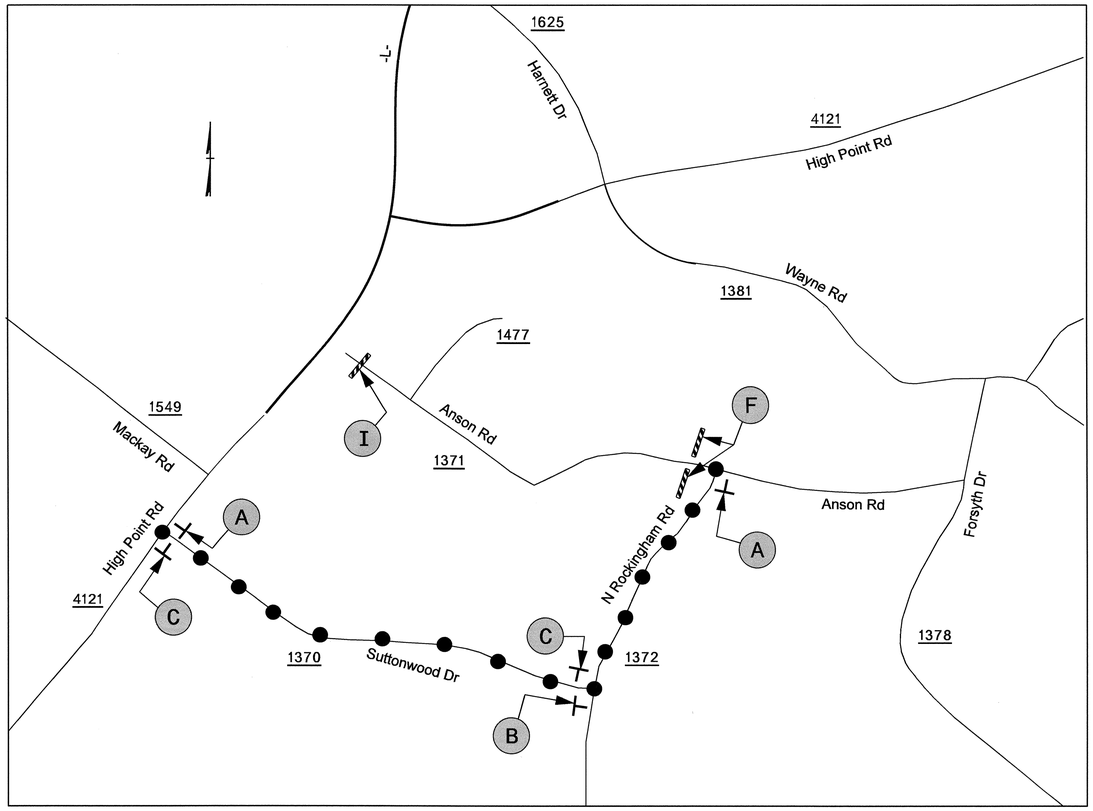
DIVISION OF HIGHWAYS — STATE OF NORTH CAROLINA — DEPARTMENT OF TRANSPORTATION — WORK ZONE TRAFFIC CONTROL

-Y49- KINGS MILL CT DETOUR
HIGH POINT RD DETOUR

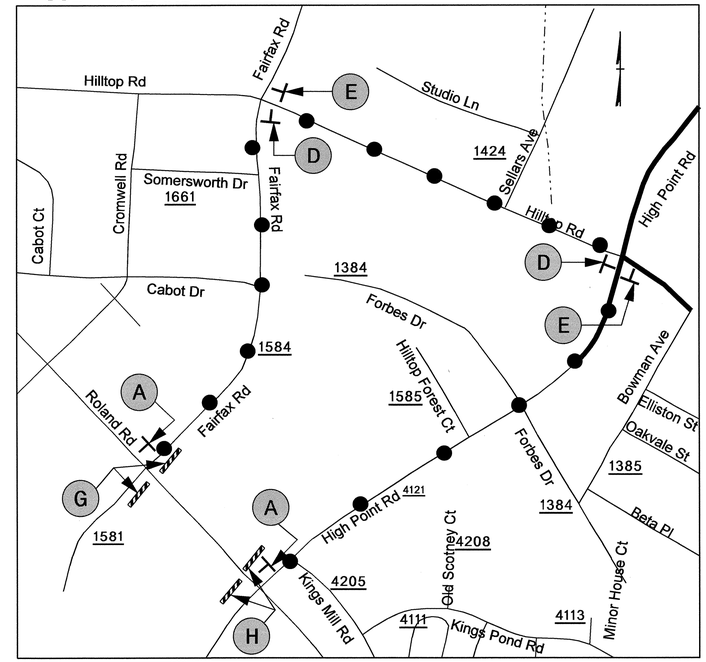
06-JUN-2012 11:27
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-88_Det.dgn
ldonaldson AT TE26392

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-89

ANSON RD DETOUR



-Y35B- ROLAND RD DETOUR



A — END DETOUR — M4-8 A, 24" X 18"

B — ANSON RD — SP12130, 36" X 18"; DETOUR — M4-8, 24" X 12"; ← M6-1, 21" X 15"

D — ROLAND RD — SP12128, 36" X 18"; DETOUR — M4-8, 24" X 12"; → M6-1, 21" X 15"

F — R11-4, 60" X 30" — ROAD CLOSED TO THRU TRAFFIC; DETOUR — M4-10L, 48" x 18" — TYPE III BARRICADE

H — R11-2, 48" X 30" — ROAD CLOSED; DETOUR — M4-10R, 48" x 18" — TYPE III BARRICADE

I — R11-2, 48" X 30" — ROAD CLOSED — TYPE III BARRICADE(S)

C — ANSON RD — SP12130, 36" X 18"; DETOUR — M4-8, 24" X 12"; → M6-1, 21" X 15"

E — ROLAND RD — SP12128, 36" X 18"; DETOUR — M4-8, 24" X 12"; ← M6-1, 21" X 15"

G — R11-2, 48" X 30" — ROAD CLOSED; DETOUR — M4-10L, 48" x 18" — TYPE III BARRICADE

* SEE ROADWAY STANDARD DRAWING 1101.03 SHEET 1 OF 9
FOR ADDITIONAL SIGNS REQUIRED FOR EACH DETOUR SHOWN

APPROVED: _____ DATE: _____

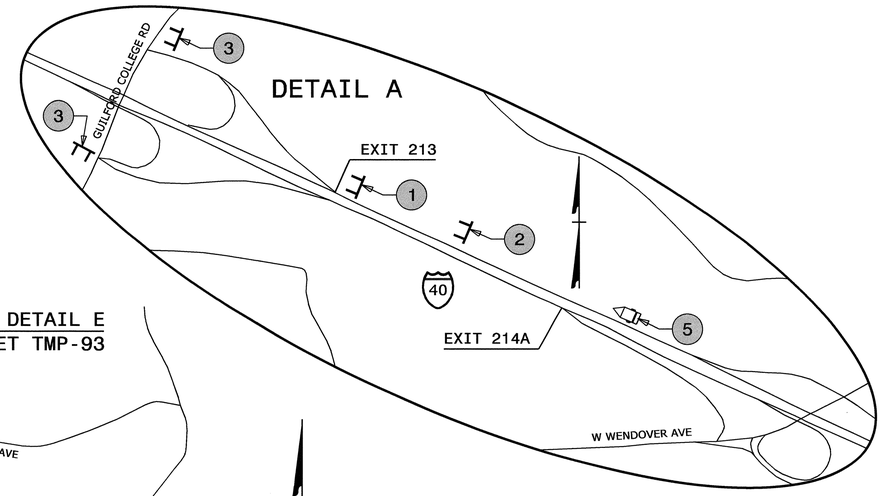
SEAL — NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J.W. WOOLARD, JR. — 5/4/12

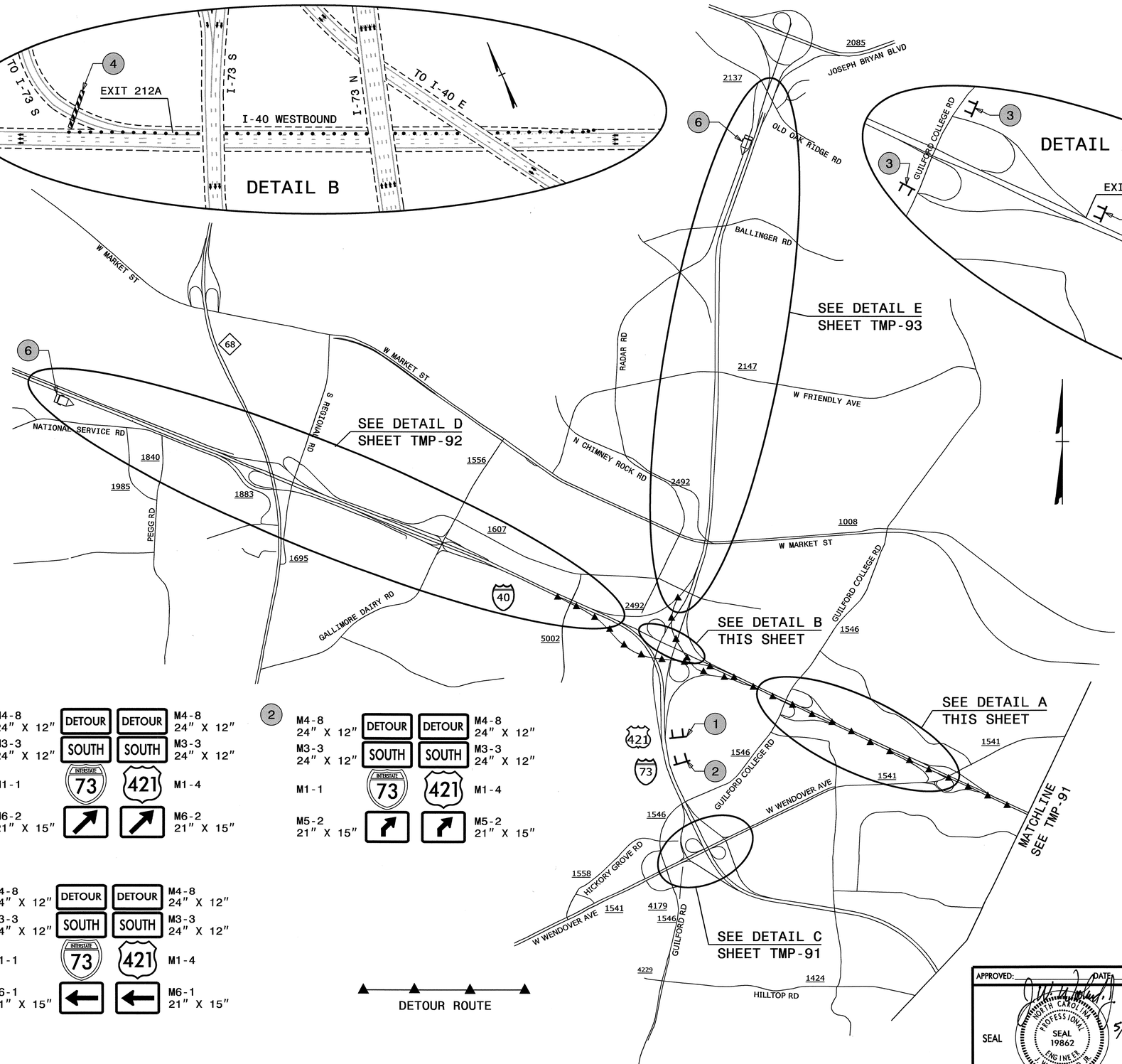
DIVISION OF HIGHWAYS — STATE OF NORTH CAROLINA — DEPARTMENT OF TRANSPORTATION — WORK ZONE TRAFFIC CONTROL

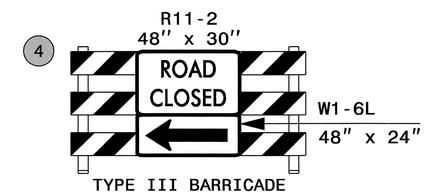
ANSON RD DETOUR
-Y35B- ROLAND RD DETOUR

02-MAY-2012 11:14
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-89_det.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP- 90







1

M4-8 24" X 12"	DETOUR	DETOUR	M4-8 24" X 12"
M3-3 24" X 12"	SOUTH	SOUTH	M3-3 24" X 12"
M1-1	INTERSTATE 73	421	M1-4
M6-2 21" X 15"	↗	↗	M6-2 21" X 15"

2

M4-8 24" X 12"	DETOUR	DETOUR	M4-8 24" X 12"
M3-3 24" X 12"	SOUTH	SOUTH	M3-3 24" X 12"
M1-1	INTERSTATE 73	421	M1-4
M5-2 21" X 15"	↱	↱	M5-2 21" X 15"

3

M4-8 24" X 12"	DETOUR	DETOUR	M4-8 24" X 12"
M3-3 24" X 12"	SOUTH	SOUTH	M3-3 24" X 12"
M1-1	INTERSTATE 73	421	M1-4
M6-1 21" X 15"	←	←	M6-1 21" X 15"

5

MESSAGE NO. 1	MESSAGE NO. 2
I-73 S EXT 212A CLOSED	USE THIS EXIT 213

CHANGEABLE MESSAGE SIGN

6

MESSAGE NO. 1	MESSAGE NO. 2
I-73 S US 421 S CLOSED	USE I-40 E

CHANGEABLE MESSAGE SIGN

APPROVED: _____ DATE: 5/4/12

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD, JR.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

I-73 SOUTHBOUND DETOUR

02-MAY-2012 11:14
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-90_SBDETOUR.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-91

1
M4-8 24" X 12" DETOUR | DETOUR M4-8 24" X 12"
M3-3 24" X 12" SOUTH | SOUTH M3-3 24" X 12"
M1-1 INTERSTATE 73 | 421 M1-4
M5-1 21" X 15" | M5-1 21" X 15"

2
M4-8 24" X 12" DETOUR | DETOUR M4-8 24" X 12"
M3-3 24" X 12" SOUTH | SOUTH M3-3 24" X 12"
M1-1 INTERSTATE 73 | 421 M1-4
M6-1 21" X 15" | M6-1 21" X 15"

3
M4-8 24" X 12" DETOUR | DETOUR M4-8 24" X 12"
M3-3 24" X 12" SOUTH | SOUTH M3-3 24" X 12"
M1-1 INTERSTATE 73 | 421 M1-4
M6-1 21" X 15" | M6-1 21" X 15"

4
M4-8 24" X 12" DETOUR | DETOUR M4-8 24" X 12"
M3-3 24" X 12" SOUTH | SOUTH M3-3 24" X 12"
M1-1 INTERSTATE 73 | 421 M1-4
M5-1 21" X 15" | M5-1 21" X 15"

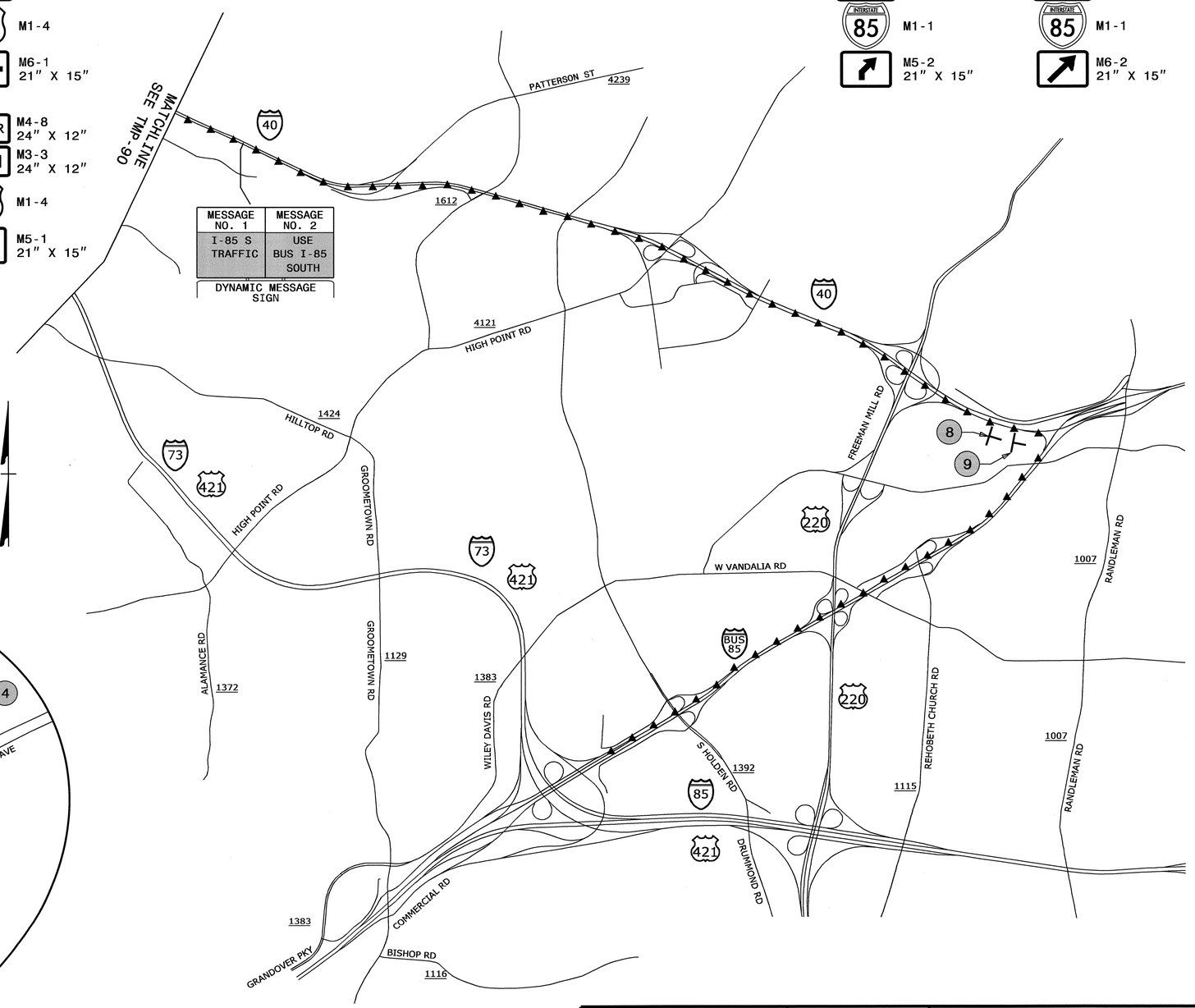
5
ROAD CLOSED AHEAD W20-3 48" x 48"
NEXT RIGHT SP-4R 48" x 12"

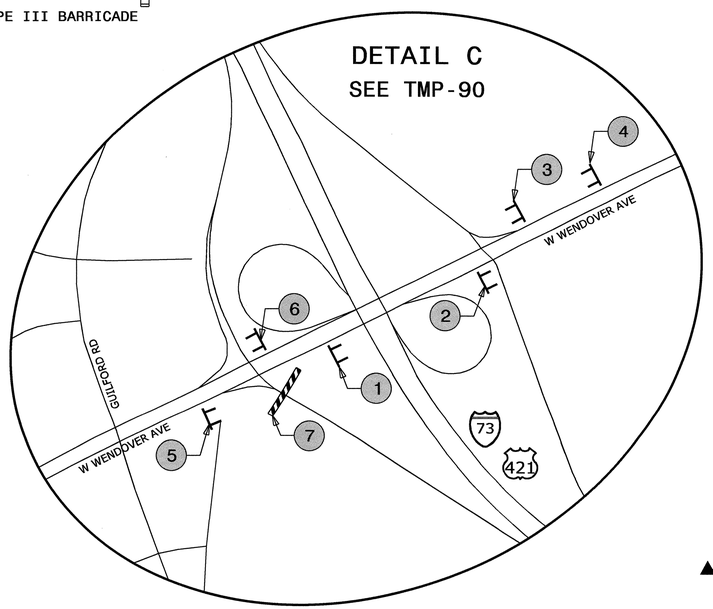
6
ROAD CLOSED AHEAD W20-3 48" x 48"
NEXT LEFT SP-4L 48" x 12"

7
R11-2 48" x 30"
ROAD CLOSED
W1-6L 48" x 24"
TYPE III BARRICADE

8
TO M4-5 24" x 12"
SOUTH M3-3 24" X 12"
INTERSTATE 85 M1-1
M5-2 21" X 15"

9
TO M4-5 24" x 12"
SOUTH M3-3 24" X 12"
INTERSTATE 85 M1-1
M6-2 21" X 15"





DETOUR ROUTE

APPROVED: DATE: 5/4/12

SEAL

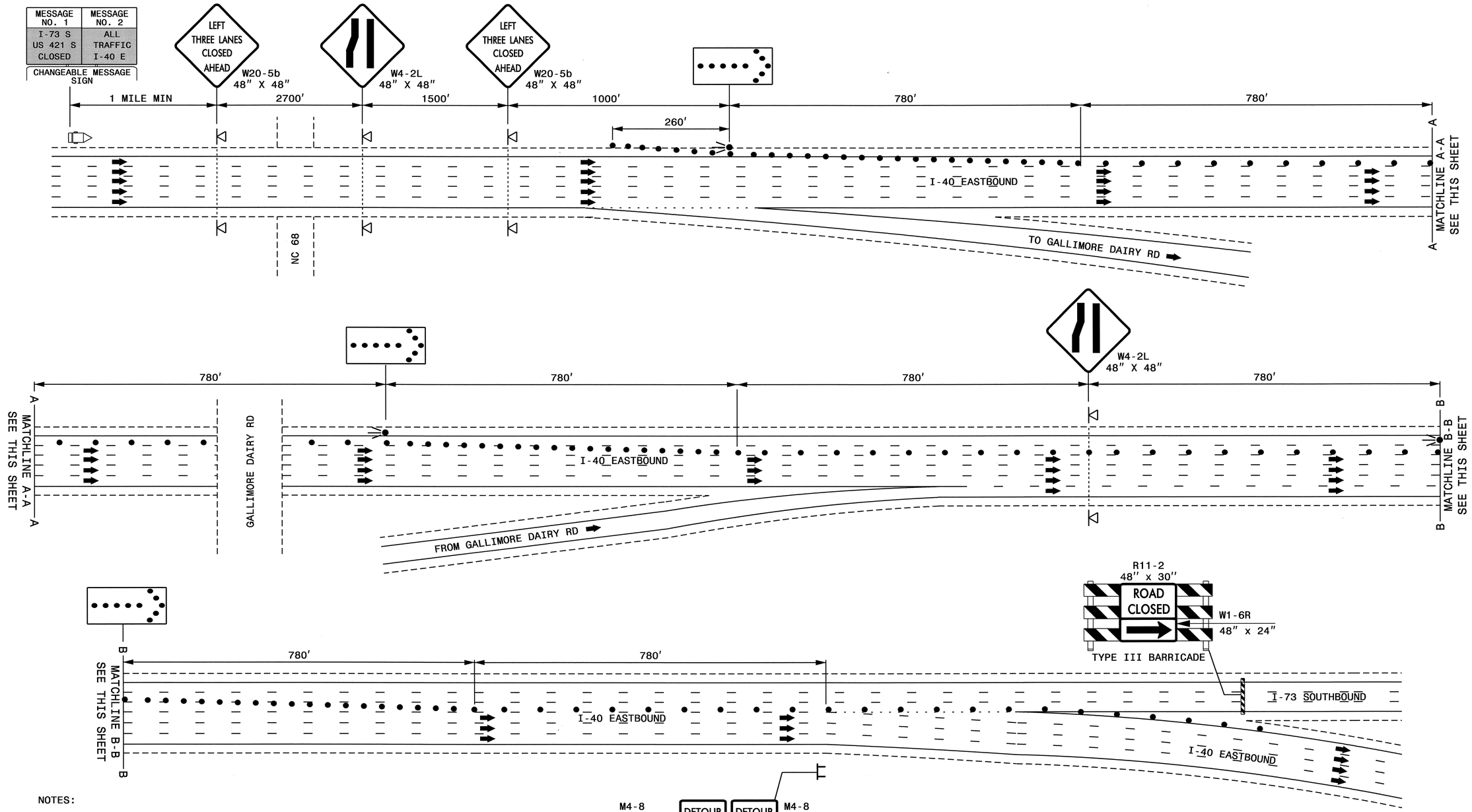
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD JR.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

I-73 SOUTHBOUND DETOUR

02-MAY-2012 11:14
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-91_SBDETOUR.dgn
ldonaldson AT TE23759

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-92

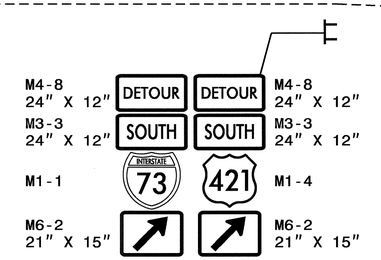


NOTES:

PLACE DRUMS IN TAPERS AT THE MAXIMUM SPACING EQUAL IN FEET TO THE POSTED SPEED LIMIT. PLACE DRUMS ALONG THE WORK AREA AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES THE POSTED SPEED LIMIT.

INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.

PLACE CHANGEABLE MESSAGE SIGN (CMS) ON THE OUTSIDE OF THE TRAVELWAY AS DIRECTED BY THE ENGINEER. PLACE CMS APPROXIMATELY 1 MILE IN ADVANCE OF THE W20-5 SIGNS. IF TRAFFIC BACKS UP TO WHERE THE CMS IS INITIALLY PLACED, RELOCATE CMS ½ MILE IN ADVANCE OF ANTICIPATED BACKUP. CONTINUE TO MONITOR TRAFFIC, MOVE CMS APPROXIMATELY ½ MILE IN ADVANCE OF ANTICIPATED BACKUP.



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: 5/4/12

SEAL

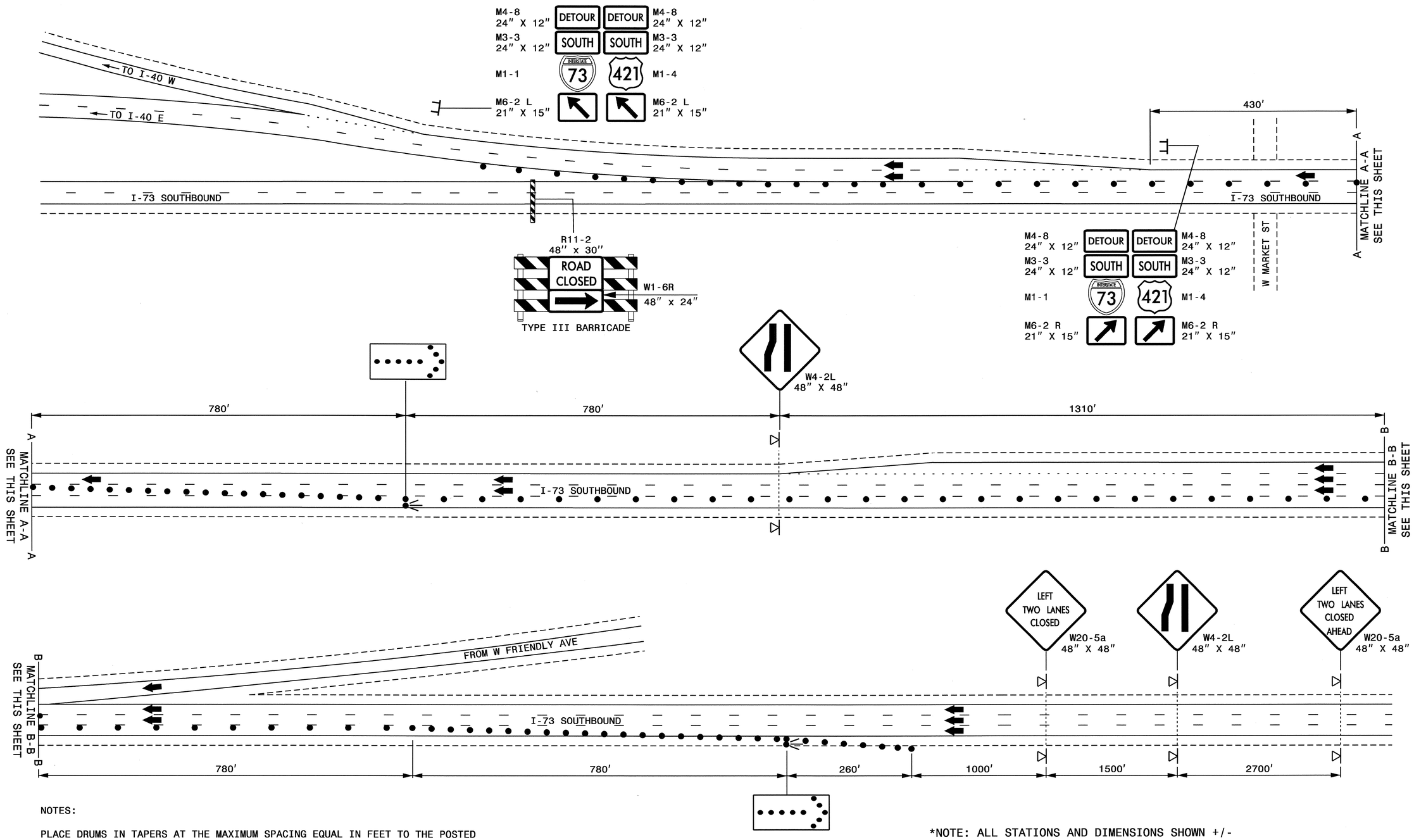
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLAND, JR.

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

I-73 SOUTHBOUND DETOUR DETAIL D

02-MAY-2012 11:14
\\dot\dfsroot0\prog1\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-92_SBDETOUR.dgn
tdonaldson AT TE27459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-93



NOTES:

PLACE DRUMS IN TAPERS AT THE MAXIMUM SPACING EQUAL IN FEET TO THE POSTED SPEED LIMIT. PLACE DRUMS ALONG THE WORK AREA AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES THE POSTED SPEED LIMIT.

INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.

*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

APPROVED: _____ DATE: _____

SEAL

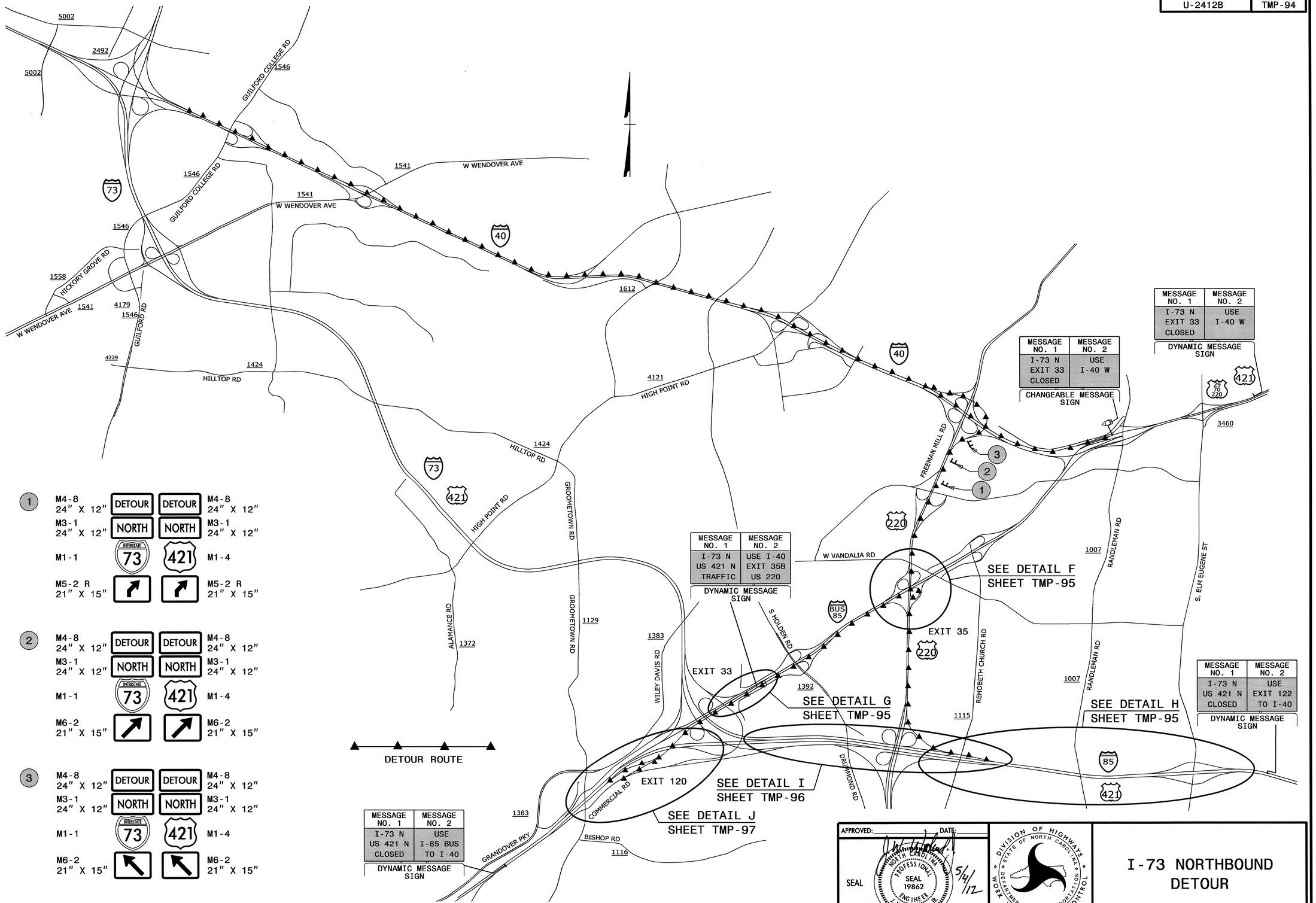
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD JR. 5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

I-73 SOUTHBOUND DETOUR DETAIL E

02-MAY-2012 11:14
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-93_SBDETOUR.dgn
idondson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-94



1

M4-8 24" X 12"	DETOUR	DETOUR	M4-8 24" X 12"
M3-1 24" X 12"	NORTH	NORTH	M3-1 24" X 12"
M1-1	73	421	M1-4
M5-2 R 21" X 15"			M5-2 R 21" X 15"

2

M4-8 24" X 12"	DETOUR	DETOUR	M4-8 24" X 12"
M3-1 24" X 12"	NORTH	NORTH	M3-1 24" X 12"
M1-1	73	421	M1-4
M6-2 21" X 15"			M6-2 21" X 15"

3

M4-8 24" X 12"	DETOUR	DETOUR	M4-8 24" X 12"
M3-1 24" X 12"	NORTH	NORTH	M3-1 24" X 12"
M1-1	73	421	M1-4
M6-2 21" X 15"			M6-2 21" X 15"

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLARD JR.

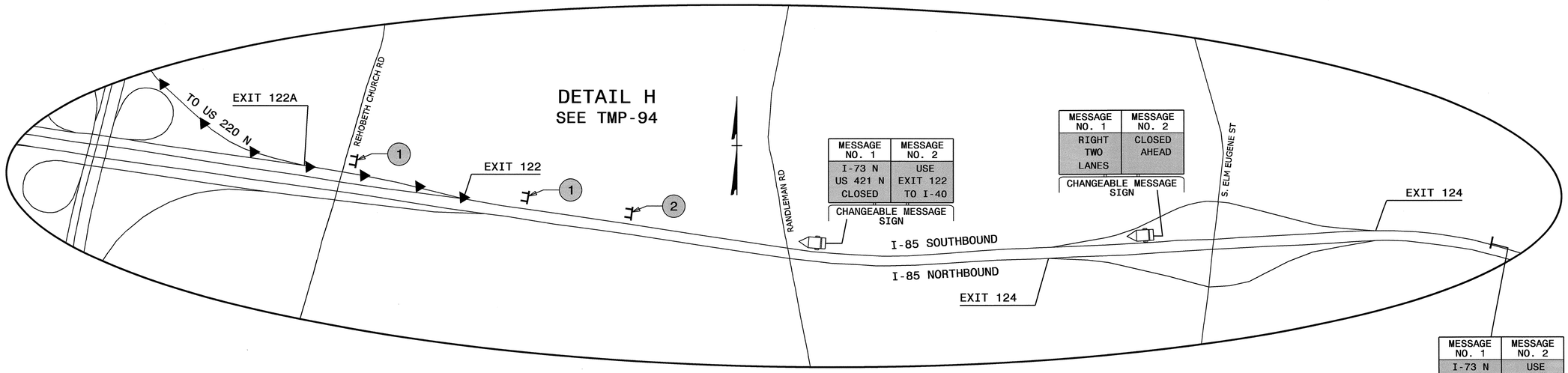
5/4/12

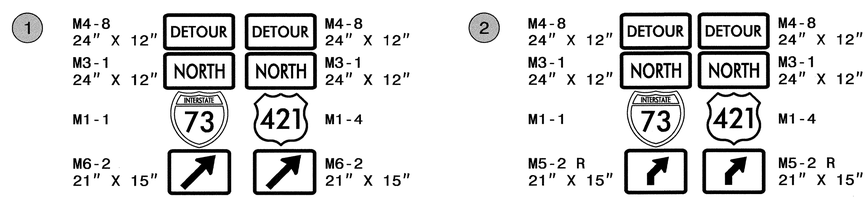
DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

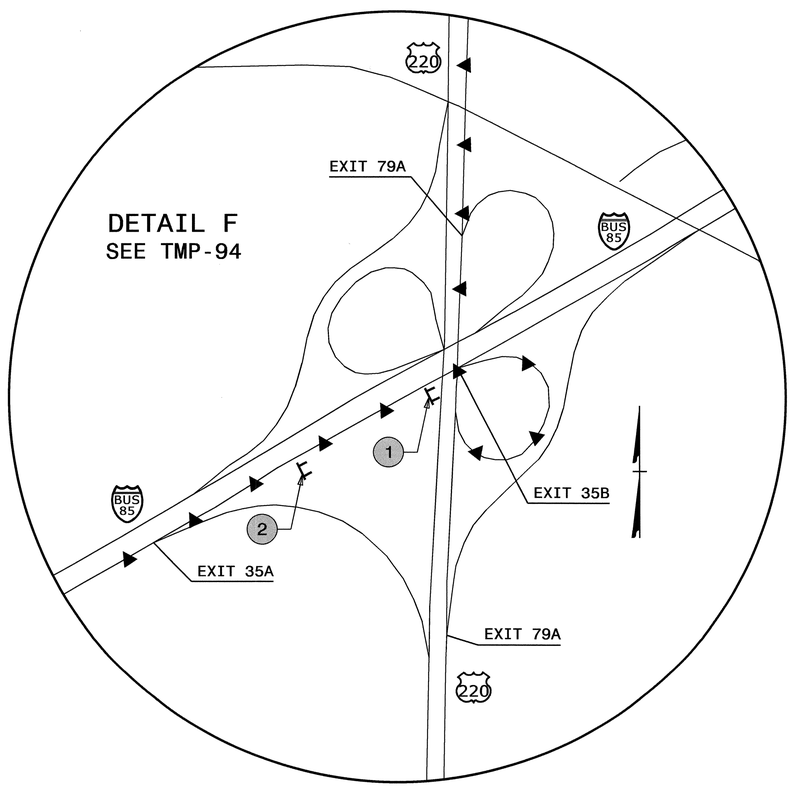
I-73 NORTHBOUND DETOUR

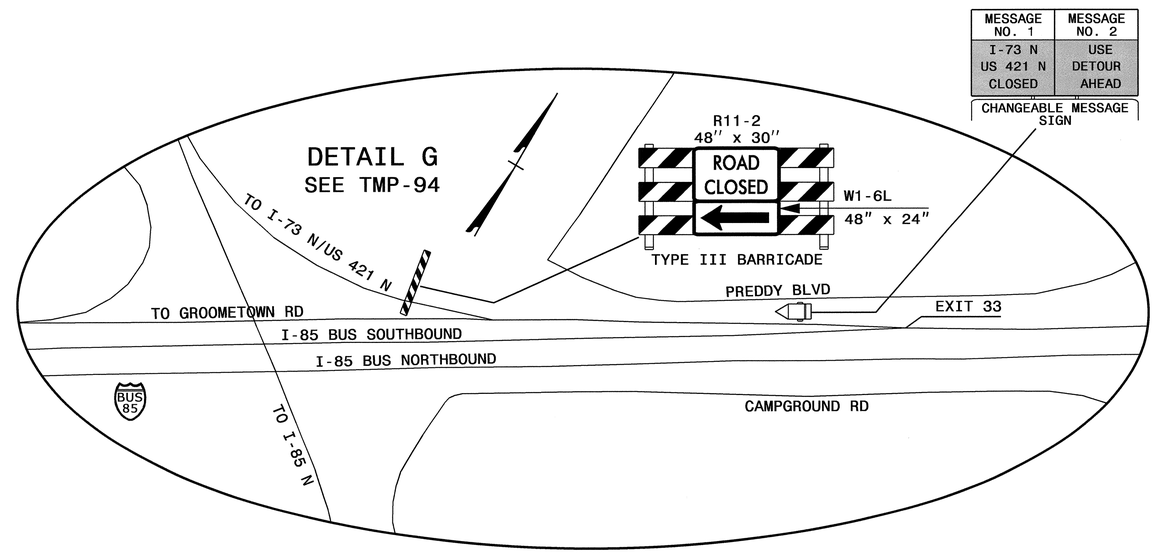
02-MAY-2012 11:14
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-94_NBDETOUR.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-95









DETOUR ROUTE

APPROVED: J. W. Woolard Jr. DATE: 5/4/12

SEAL

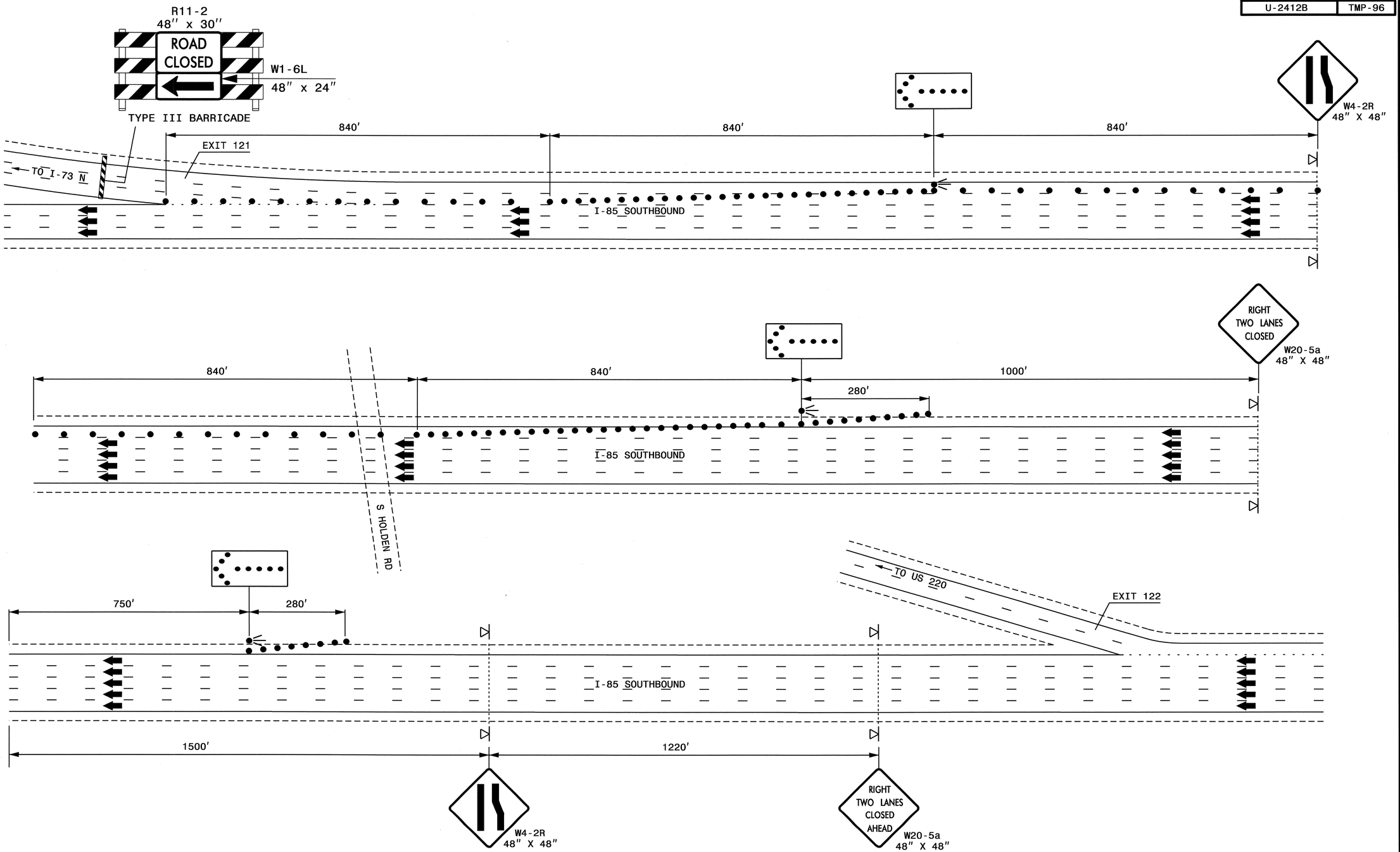
NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

I-73 NORTHBOUND DETOUR DETAILS F, G, & H

02-MAY-2012 11:14
\\dot\dfsroot0\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-95_NBDETOUR.dgn
ldondson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-96



*NOTE: ALL STATIONS AND DIMENSIONS SHOWN +/-

PLACE DRUMS IN TAPERS AT THE MAXIMUM SPACING EQUAL IN FEET TO THE POSTED SPEED LIMIT. PLACE DRUMS ALONG THE WORK AREA AT THE MAXIMUM SPACING EQUAL IN FEET TO 2 TIMES THE POSTED SPEED LIMIT.

INSTALL LANE CLOSURES WITH THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE UPSTREAM SIDE OF TRAFFIC. REMOVE LANE CLOSURES AGAINST THE TRAFFIC FLOW, BEGINNING WITH DEVICES ON THE DOWNSTREAM SIDE OF TRAFFIC.

APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER W. WOOLAND, JR.

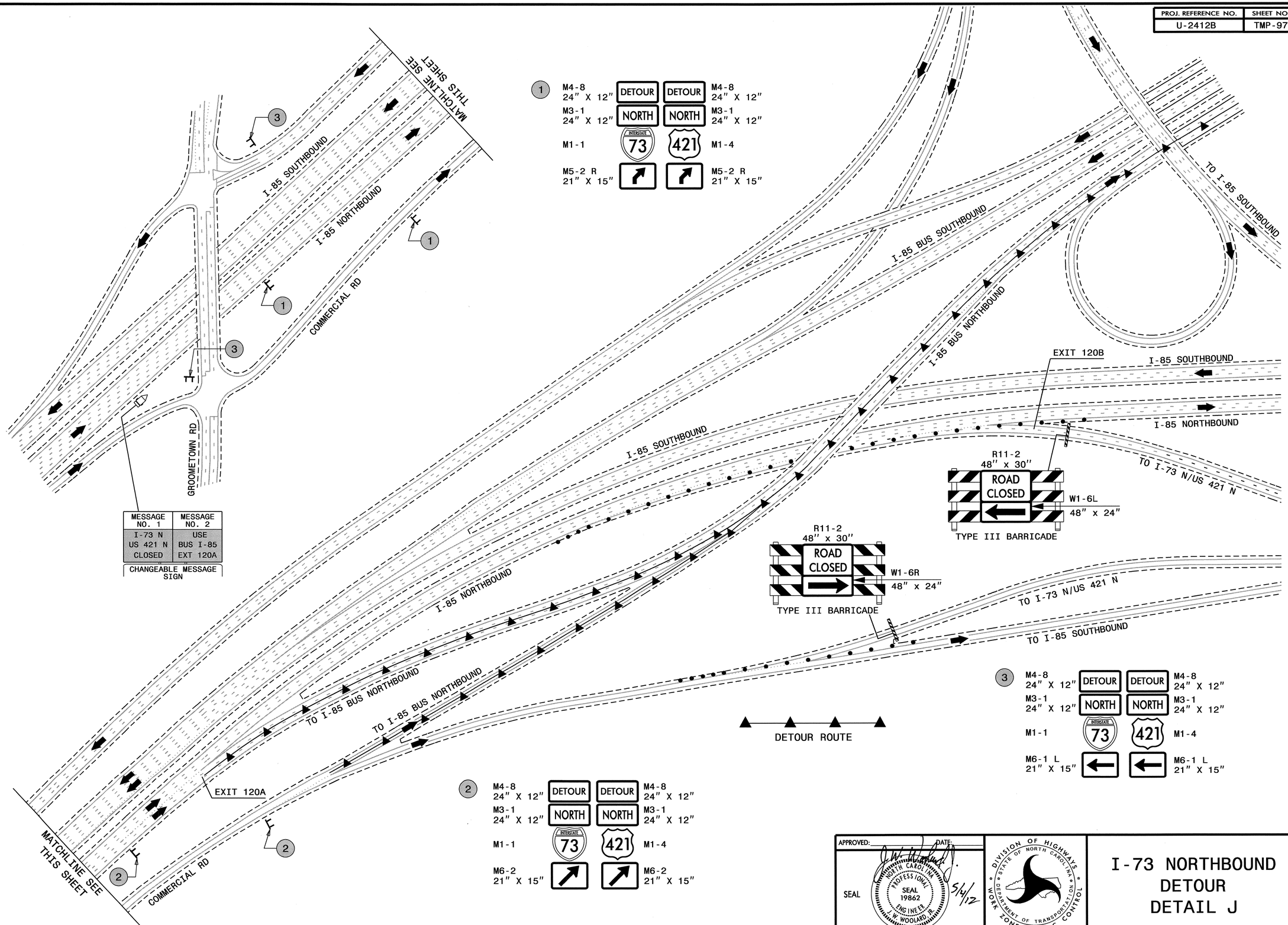
5/4/12

DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL

I-73 NORTHBOUND DETOUR DETAIL I

02-MAY-2012 11:14
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-96_NBDETOUR.dgn
ldonaldson AT TE237459

PROJ. REFERENCE NO.	SHEET NO.
U-2412B	TMP-97



APPROVED: _____ DATE: _____

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 19862 ENGINEER J. W. WOOLARD, JR.

5/4/12

DIVISION OF HIGHWAYS • STATE OF NORTH CAROLINA • DEPARTMENT OF TRANSPORTATION • WORK ZONE TRAFFIC CONTROL

I-73 NORTHBOUND DETOUR DETAIL J

02-MAY-2012 11:14
\\dot\dfsroot01\proj\TIPProjects-U\U2412B\Traffic\TrafficControl\TCP\U2412B_TC_TMP_TMP-97_NBDETOUR.dgn
ldonaldson AT TE237459