

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

LOCHNER
H. W. LOCHNER, INC.
2840 PLAZA PLACE, SUITE 202
RALEIGH, NC 27612

STATE PROJECT REFERENCE NO.	SHEET NO.
U-4444 AA	TCP-1

**PLAN FOR PROPOSED
TRAFFIC CONTROL, MARKING & DELINEATION
CUMBERLAND COUNTY**

U-4444 AA

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW PANELS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	TRUCK MOUNTED IMPACT ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - INTERCHANGES
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - THRU LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS & WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1250.01	PAVEMENT MARKER SPACING
1251.01	RAISED PAVEMENT MARKERS - (TEMPORARY & PERMANENT)

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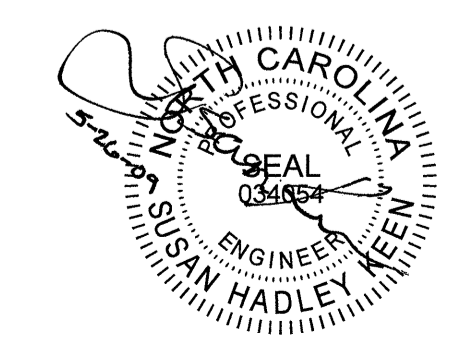
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TCP-2	PROJECT NOTES
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LEGEND

- GENERAL**
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 - PROPOSED PVMT. EXIST. PVMT.
 - WORK AREA
 - REMOVAL OF EXISTING PAVEMENT
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 - STATIONARY SIGN
 - PORTABLE SIGN
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 - CRASH CUSHION
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- CRYSTAL/CRYSTAL PAVEMENT MARKER
 - YELLOW/YELLOW PAVEMENT MARKER
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 - PAVEMENT MARKING SYMBOLS

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TIP PROJECT:

<p>PLAN REVIEWED BY: N.C.D.O.T. WORK ZONE TRAFFIC CONTROL UNIT</p> <p>J.S. Bourne, PE STATE TRAFFIC MANAGEMENT ENGINEER</p> <p>G.L. Gettier, PE TRAFFIC CONTROL PROJECT ENGINEER</p> <p>J.W. Gilstrap TRAFFIC CONTROL PROJECT DESIGN ENGINEER</p> <p>TRAFFIC CONTROL DESIGN ENGINEER / TECHNICIAN</p>	<p>APPROVED: _____</p> <p>DATE: _____</p> <p>SEAL</p> 	<p>PLAN PREPARED FOR NCDOT BY:</p> <p>B. Eason, PE QC ENGINEER</p> <p>S. Keen, PE PROJECT ENGINEER</p> <p>B. Bollman DESIGN ENGINEER / TECHNICIAN</p>
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PROJECT NOTES

LOCHNER <small>H. W. LOCHNER, INC. 2840 PLAZA PLACE, SUITE 202 RALEIGH, NC 27612</small>	PROJ. REFERENCE NO. U-4444AA	SHEET NO. TCP-2
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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 UNDESIRE 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 OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS		
Murchison Rd.	MONDAY-FRIDAY	5:30 A.M. - 8 A.M.	4 P.M. - 6 P.M.
Honeycutt Rd.	MONDAY-FRIDAY	5:30 A.M. - 8 A.M.	4 P.M. - 6 P.M.

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

ROAD NAME

Murchison Rd.
Honeycutt Rd.

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 5:30 A.M. DECEMBER 31st TO 6:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 6:00 P.M. THE FOLLOWING TUESDAY.
3. FOR EASTER, BETWEEN THE HOURS OF 5:30 A.M. THURSDAY AND 6:00 P.M. MONDAY.
4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 5:30 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 5:30 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 6:00 THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 5:30 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
6. FOR LABOR DAY, BETWEEN THE HOURS OF 5:30 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 5:30 A.M. TUESDAY TO 6:00 P.M. MONDAY.
8. FOR CHRISTMAS, BETWEEN THE HOURS OF 5:30 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
9. FOR SPRING FEST AND/OR OCTOBER FEST, BETWEEN THE HOURS OF 5:30 A.M. THE DAY BEFORE THE SPRING FEST AND/OR OCTOBER FEST AND 6:00 P.M. THE DAY AFTER THE SPRING FEST AND/OR OCTOBER FEST.
10. FOR ANY SPECIAL EVENT OCCURING ON FT. BRAGG AND/OR POPE AFB FROM FOUR (4) HOURS BEFORE THE START UNTIL FOUR (4) HOURS AFTER THE END OF THE SPECIAL EVENT.

C) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	
Murchison Rd.	MONDAY-SUNDAY	5:00 A.M. - 9:00 P.M.
Honeycutt Rd.	MONDAY-SUNDAY	5:00 A.M. - 9:00 P.M.

D) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
Murchison Rd.	ANYTIME	N/A
Honeycutt Rd.	ANYTIME	N/A

E) DELETED

F) DELETED

G) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- H) 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.
- I) 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.
- J) 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.

K) 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.

L) 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.

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

PAVEMENT EDGE DROP OFF REQUIREMENTS

N) 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.

O) 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) 500 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

Q) 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.

R) PROVIDE PERMANENT SIGNING.

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

TRAFFIC BARRIER

T) 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.

U) 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

V) SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADIUS, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY, WHEN LANE CLOSURES ARE NOT IN EFFECT. WHEN SKINNY DRUMS ARE ALLOWED, REFER TO SECTION 1180 OF STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES OR AS SHOWN IN THE PLANS.

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

X) 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

Y) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS DESCRIBED IN THE PAVEMENT MARKING PLAN.

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

ROAD NAME	MARKING	MARKER
ASPHALT	PAINT	TEMPORARY
PROPOSED STRUCTURES	COLD APPLIED PLASTIC TYPE IV (REMOVABLE TAPE)	TEMPORARY

AA) 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.

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

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

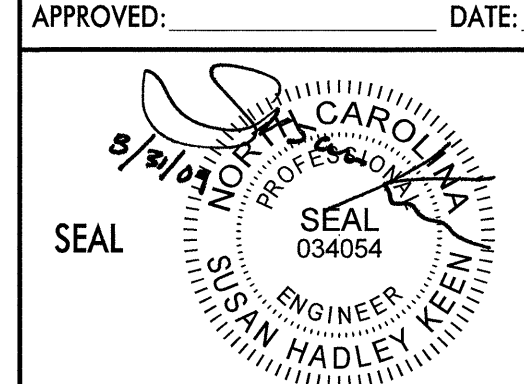
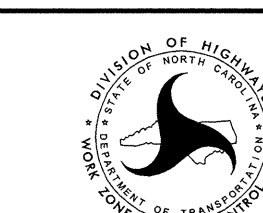
DD) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH THE PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION.

TEMPORARY / FINAL SIGNALS

EE) SHIFT AND REVISE ALL SIGNAL HEADS AS SHOWN ON THE SIGNAL PLANS.

MISCELLANEOUS

FF) POLICE MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS, AS DIRECTED BY THE ENGINEER.

APPROVED: _____	DATE: _____	PROJECT NOTES	
	SCALE: NONE		REVISIONS
	DATE: 05/26/09		08/31/09
	DWG. BY: bb		
	DESIGN BY: sk		
REVIEWED BY: bb			CADD FILE

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PHASING

LOCHNER H. W. LOCHNER, INC. 2840 PLAZA PLACE, SUITE 202 RALEIGH, NC 27612	PROJ. REFERENCE NO.	SHEET NO.
	U-4444AA	TCP-3

PHASE I STEP 1 - SEE OVERVIEW TCP-4

-L- STA 52+00 TO 60+00, SEE TCP-5 & TCP-6 USING LANE CLOSURES, CONSTRUCT USING WEDGING & PAVING OPERATION THE PROPOSED NB AND SB LANES OF MURCHISON ROAD UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE AND COMPLETE ALL SHOULDERS AND DITCHES. FEATHER PAVEMENT AS REQUIRED TO MEET EXISTING GRADES AT STA 52+00 AND STA 60+00. PLACE TEMPORARY MARKINGS TO MATCH EXISTING.

-L- STA 60+00 TO 78+78 AND STA 80+33 TO 95+00, -Y2RPC-, -Y2LPC-, SEE TCP-6 THRU TCP-8 & TCP-11 PLACE PCB ALONG THE OUTSIDE EDGE OF THE EXISTING SHOULDER OF MURCHISON ROAD FROM STA. 59+03 TO 78+90 AND 80+80 TO 87+75 -L- NB. BEGIN CONSTRUCTION OF -L-, -Y2RPC- AND -Y2LPC-.

-Y2- STA 35+00 TO 41+41, -Y2RPBTEMP- AND -Y2RPB- STA 24+30.48 TO END, SEE TCP-6, TCP-7, & TCP-12 BEGIN CONSTRUCTION OF TEMPORARY RAMP FROM MURCHISON ROAD EDGE OF PAVEMENT -L- STA 65+00 TO -Y2RPB- 24+30.48 AND BEGIN CONSTRUCTION OF -Y2RPB- FROM STA 24+30.48 TO CONNECTION WITH HONEYCUTT. CONSTRUCT WIDENING ON THE LEFT SIDE OF HONEYCUTT RD.

NOTE: AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL, ON CONSECUTIVE NIGHTS, INSTALL FOUR CHANGEABLE MESSAGE SIGNS, AND USE ROADWAY STANDARD DRAWINGS 1101.03, SHEET 1 & 2 OF 9, CLOSE MURCHISON ROAD AND/OR HONEYCUTT ROAD TO CONSTRUCT/INSTALL PROPOSED 2 X 42" DRAINAGE PIPES ACROSS BOTH HONEYCUTT ROAD AND THE INTERSECTION OF HONEYCUTT ROAD & MURCHISON ROAD (SEE CONSTRUCTION PLANS). SEE GENERAL NOTE "C" ON SHEET TCP-2 FOR TIME RESTRICTIONS. STATE FORCES WILL FURNISH AND INSTALL ALL ADDITIONAL DETOUR SIGNING AS REQUIRED.

-Y2- STA 13+00 TO 34+02, SEE TCP-7 & TCP-11 OBSCURE EXISTING PAVEMENT MARKINGS AND PLACE TEMPORARY MARKINGS ON HONEYCUTT RD. PLACE WFB ON THE SHOULDER OF THE EXISTING TRAVEL LANES. CONSTRUCT FULL DEPTH WIDENING UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE FROM STA 13+00 TO 34+02 IN BOTH DIRECTIONS. FEATHER NEW PAVEMENT TO MEET EXISTING GRADE AT THE INTERSECTION WITH MURCHISON ROAD. BEGIN CONSTRUCTION/INSTALLATION OF TEMPORARY SIGNAL (SEE SIGNAL PLANS AND TCP-19). BEGIN CONSTRUCTION/INSTALLATION OF PROPOSED SIGNAL AT THE INTERSECTION OF HONEYCUTT AND PROPOSED RAMP/LOOP (-Y2LPC- AND -Y2RPC-) (SEE SIGNAL PLANS, TCP-35 AND PMP).

-L- STA 85+85 TO BLN 96+19, SEE TCP-8 THRU TCP- 10 OBSCURE EXISTING PAVEMENT MARKINGS ON MURCHISON RD AND PLACE TEMPORARY MARKINGS IN BOTH DIRECTIONS. PLACE PCB ALONG THE INSIDE SHOULDER AND CONSTRUCT TEMPORARY PAVEMENT IN THE MEDIAN FROM EXISTING EDGE OF SHOULDER TO EXISTING EDGE OF SHOULDER FROM STA 89+00 -L- TO BLN STA 96+19.

PHASE I STEP 2 - SEE OVERVIEW TCP-13

-L- STA 60+00 TO 78+78 AND STA 80+13 TO 95+00, -Y2LPC- & -Y2RPC- SEE TCP-18 THRU TCP-20 & TCP-23 CONTINUE CONSTRUCTION OF -L-, -Y2RPC- AND -Y2LPC- FROM PHASE I STEP 1.

-Y2RPBTEMP- & -Y2RPB- FROM STA 24+30.48 TO END, SEE TCP-18 & TCP-19 CONTINUE CONSTRUCTION OF -Y2RPB- AND -Y2RPBTEMP- FROM PHASE I STEP 1.

-Y2- FROM STA 13+00 TO 34+02, SEE TCP-19 & TCP-23 COMPLETE CONSTRUCTION OF THE WIDENING AND INSTALLATION OF THE TEMPORARY SIGNAL ON -Y2- FROM PHASE 1 STEP 1 AND PLACE TEMPORARY PAVEMENT MARKINGS FOR NEW TRAFFIC PATTERN. REMOVE ISLAND ON THE NORTHWEST CORNER OF MURCHISON AND HONEYCUTT AND PLACE TEMPORARY PAVEMENT TO MATCH EXISTING GRADE. RESET WFB AND MOVE TRAFFIC TO NEW PATTERN WITH TEMPORARY LANES CLOSURES FOR THE EB INSIDE LANE AND WB LEFT TURN LANE. COMPLETE WEDGING OF EB INSIDE LANE AND WB LEFT TURN LANE UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE. FEATHER PAVEMENT TO MEET THE EXISTING GRADE AT THE INTERSECTION WITH MURCHISON ROAD. COMPLETE WEDGING ON HONEYCUTT RD BETWEEN TRAVEL LANES UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

BEGIN CONSTRUCTION OF THE BRIDGE ABUTMENTS AND CENTER BENT FOR THE BRIDGE OVER HONEYCUTT RD. FROM STA 78+78 TO 80+33.

NOTE: AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL INSTALL FOUR CHANGEABLE MESSAGE SIGNS, AND USE ROADWAY STANDARD DRAWINGS 1101.03, SHEET 1 & 2 OF 9, CLOSE HONEYCUTT ROAD TO INSTALL GIRDERS FOR PROPOSED BRIDGES OVER HONEYCUTT ROAD (SEE CONSTRUCTION & STRUCTURE PLANS). SEE GENERAL NOTE "C" ON SHEET TCP-2 FOR TIME RESTRICTIONS. STATE FORCES WILL FURNISH AND INSTALL ALL ADDITIONAL DETOUR SIGNING AS REQUIRED.

-L- BLN 23+72 TO STA 65+50, SEE TCP-14 THRU TCP-18 OBSCURE EXISTING PAVEMENT MARKINGS ON MURCHISON RD AND PLACE TEMPORARY PAVEMENT MARKINGS. PLACE PCB ALONG THE INSIDE SHOULDER OF MURCHISON ROAD. CONSTRUCT TEMPORARY PAVEMENT IN THE MEDIAN FROM EXISTING EDGE OF SHOULDER TO EXISTING EDGE OF SHOULDER FROM BLN 23+72 TO STA 65+50 -L-.

-L- STA 89+00 TO -BLN- 96+19, SEE TCP-20 THRU TCP-22 COMPLETE TEMPORARY PAVEMENT IN MEDIAN ON MURCHISON RD FROM PHASE I STEP 1 AND PLACE TEMPORARY PAVEMENT MARKINGS AND SIGNING. SHIFT NB TRAFFIC TO NEW TEMPORARY PATTERN. CONSTRUCT NEW NB LANES OF -L- UP TO BUT NOT INCLUDING FINAL SURFACE COURSE.

-Y2- STA 36+50 TO 41+41, SEE TCP-19 & TCP-24 USING LANE CLOSURES, CONSTRUCT USING WEDGING AND PAVING OPERATIONS THE PROPOSED WB HONEYCUTT. INSTALL TEMPORARY PAVEMENT MARKINGS.

PHASE I STEP 3 - SEE OVERVIEW TCP-25

-BLN- 23+72 TO STA 65+50, SEE TCP-26 THRU TCP-30 CONTINUE CONSTRUCTION OF TEMPORARY PAVEMENT IN MEDIAN OF MURCHISON RD FROM PHASE I STEP 2.

-L- STAT 60+00 TO 109+57.76, -Y2LPC- & -Y2RPC-, SEE TCP-29 THRU TCP-35 COMPLETE INSTALLATION OF PROPOSED SIGNAL AT INTERSECTION OF HONEYCUTT AND RAMP/LOOP (-Y2LPC- & -Y2-RPC-) AND THE CONSTRUCTION OF NB LANES OF MURCHISON RD FROM PHASE I STEP 1 & STEP 2 FROM STA 60+00 -L- TO 109+57.76 -L1NB- UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE. FEATHER PAVEMENT AT BRIDGE TO MEET BRIDGE GRADE. INSTALL TEMPORARY PAVEMENT MARKINGS, PERMANENT SIGNING AND PCB ON -L-, -Y2RBC- AND -Y2LPC-. SHIFT NB TRAFFIC TO NEW TEMPORARY PATTERN. CONSTRUCT PORTION MURCHISON RD MEDIAN AND SB LANES UP TO BUT NOT INCLUDING FINAL SURFACE COURSE FROM STA 95+00 TO 109+57.76 -L1NB-.

PHASE II - SEE OVERVIEW TCP-37

-L- STA 65+00 TO -L1NB- 109+57.76, SEE TCP-42 THRU TCP-46 COMPLETE CONSTRUCTION PORTION OF MURCHISON RD MEDIAN AND OF SB LANES FROM STA 65+00 TO 109+57.76 -L1NB-, -Y2RPBTEMP- AND -Y2RPB- FROM STA 24+30.48 TO HONEYCUTT FROM PHASE I STEPS 1, 2 & 3. INSTALL TEMPORARY PAVEMENT MARKINGS ON TEMPORARY PAVEMENT, MAINLINE AND RAMPS, AND SHIFT SB TRAFFIC TO NEW PATTERN.

-L- BLN 23+72 TO 65+50, SEE TCP-38 THRU TCP-41 COMPLETE TEMPORARY PAVEMENT IN THE MEDIAN FROM BLN 23+72 TO STA 65+50 FROM PHASE I STEP 3. INSTALL TEMPORARY PAVEMENT MARKING, SIGNING AND PCB. SHIFT NB TRAFFIC TO NEW PATTERN AND TIE TO TEMPORARY PATTERN FROM PHASE I STEP 3 AT -L- STA 56+50. CONSTRUCT NB LANES OF MURCHISON RD FROM STA 24+05.23 TO 52+00 UP TO BUT NOT INCLUDING FINAL SURFACE COURSE.

-Y2LPB-, SEE TCP-43 PLACE TEMPORARY SHORING & PCB AND CONSTRUCT TEMPORARY LOOP. CONSTRUCT/INSTALL TEMP/PROPOSED SIGNAL AT INTERSECTION OF HONEYCUTT AND PROPOSED RAMP (-Y2RPB-) (SEE SIGNAL PLANS, TCP-43, AND PMP).

-Y2- STA 34+02 TO STA 36+50, SEE TCP-43 USING TEMPORARY LANES CLOSURES, CONSTRUCT WEDGING ON HONEYCUTT RD UP TO BUT NOT INCLUDING FINAL PAVEMENT COURSE. MAINTAIN TEMPORARY RAMP ACCESS TO HONEYCUTT FROM SB MURCHISON RD.

PHASE III - SEE OVERVIEW TCP-49

-L- BLN 23+72 TO 65+00, SEE TCP-50 THRU TCP-58 INSTALL TEMPORARY PAVEMENT MARKINGS ON NB LANES OF -L- CONSTRUCTED IN PHASE II. SHIFT NB TRAFFIC TO NEW PATTERN. INSTALL NEW PAVEMENT MARKING FOR LANE SHIFT AND RESET PCB. SHIFT SB TRAFFIC TO NEW PATTERN. CONSTRUCT OUTSIDE LANES OF SB MURCHISON FROM STA 24+05.23 TO 52+00 UP TO BUT NOT INCLUDING FINAL SURFACE COURSE.

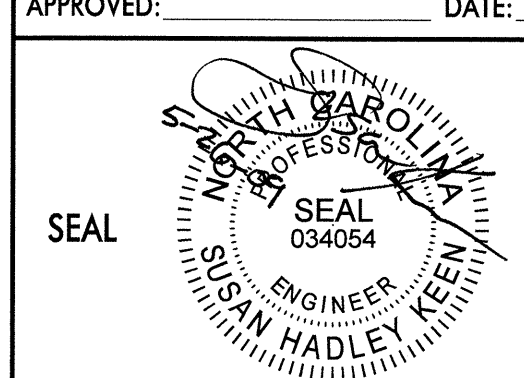
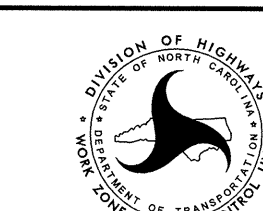
-Y2RPA-, SEE TCP-55 THRU TCP-58 & TCP-60 INSTALL TEMPORARY PAVEMENT MARKINGS, SIGNING & WFB FOR TEMPORARY LOOP RAMP AND OPEN TO TRAFFIC. PLACE PCB ON OUTSIDE OF TRAVEL LANES ON SB MURCHISON AND CONSTRUCT Y2RPA AND REMAINING PORTION OF THE OUTSIDE LANES OF MURCHISON ROAD FROM STA 100+00 TO STA 109+48.54 UP TO BUT NOT INCLUDING THE FINAL SURFACE COURSE.

PHASE IV - SEE OVERVIEW TCP-61

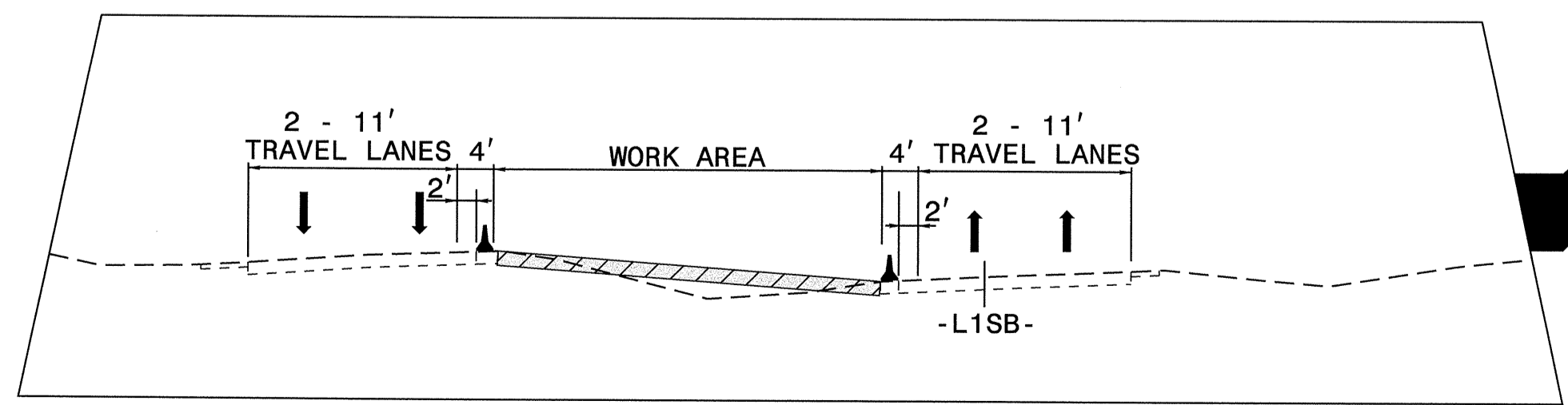
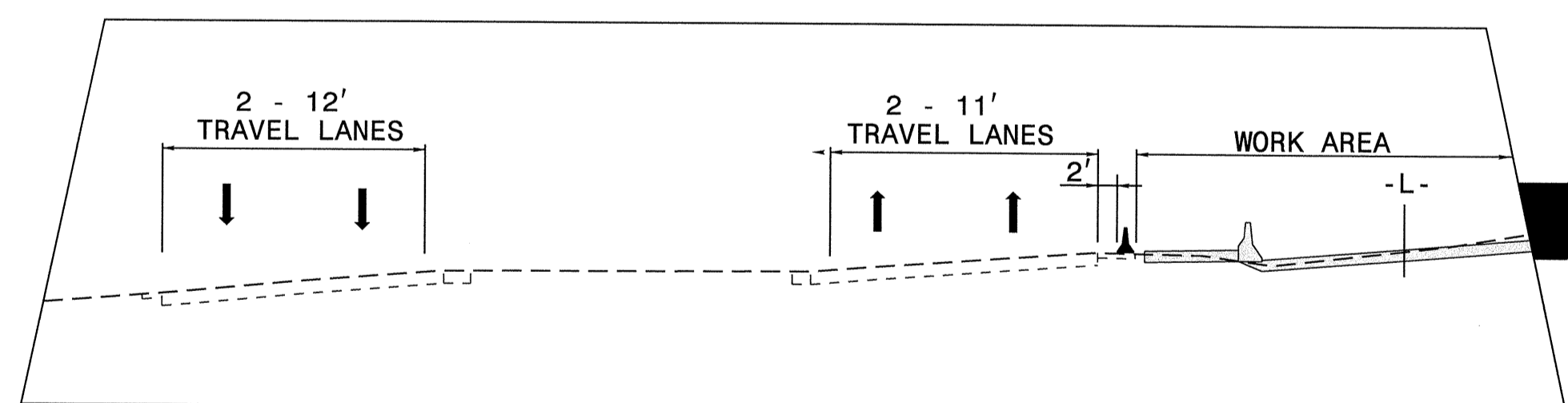
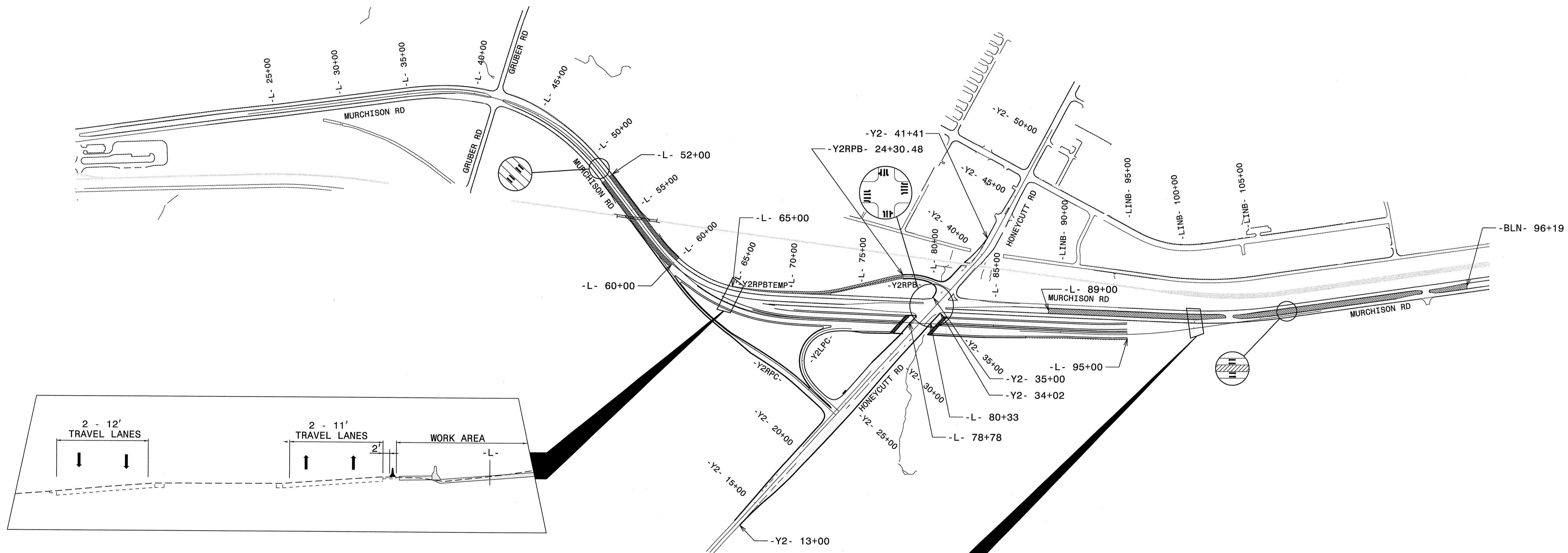
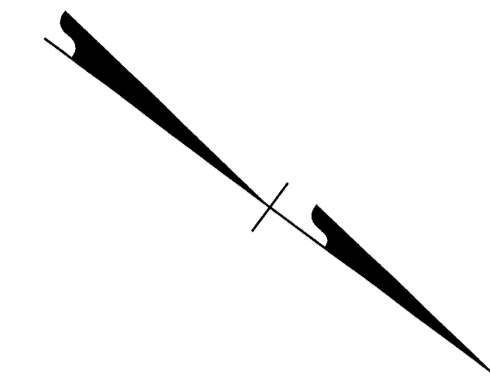
BLN 23+72 TO -L- STA 66+50, SEE TCP -62 THRU TCP-67 INSTALL PCB AND TEMPORARY PAVEMENT MARKING AND SIGNING ON COMPLETED LANES OF SB MURCHISON ROAD. SHIFT SB TRAFFIC TO NEW PATTERN. REMOVE TEMPORARY PAVEMENT IN THE MEDIAN FROM BLN 23+72 TO STA 24+05.23 AND RETURN TO ORIGINAL GRADE. USING TEMPORARY LANE CLOSURES, CONSTRUCT WEDGING AS NEEDED FROM STA 60+00 -L- TO 68+50 UP TO BUT NOT INCLUDING FINAL SURFACE COURSE. INSTALL PCB FROM STA 27+80 TO STA 68+32 AND CONSTRUCT INSIDE SHOULDERS AND MEDIAN FROM 24+05.23 TO STA 67+00.

-L- STA 95+00 TO BLN 96+19, SEE TCP 68- THRU TCP-70 INSTALL PCB AND TEMPORARY PAVEMENT MARKINGS. SHIFT SB TRAFFIC TO NEW FINAL PATTERN AND FINISH CONSTRUCTION OF THE SHOULDERS AND MEDIAN FROM -L- 91+30+00 TO -L1NB- 109+57.76. REMOVE TEMPORARY PAVEMENT IN THE MEDIAN FROM STA 109+57.76 TO BLN 96+19 AND RETURN TO ORIGINAL GRADE.

COMPLETE ALL CONSTRUCTION. USING TEMPORARY LANE CLOSURES, PLACE FINAL SURFACE PAVEMENT COURSE AND FINAL PAVEMENT MARKINGS AND MARKERS FOR L, Y2, Y2RPA, Y2RPB, Y2RPC, AND Y2LPC.

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LEGEND

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	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

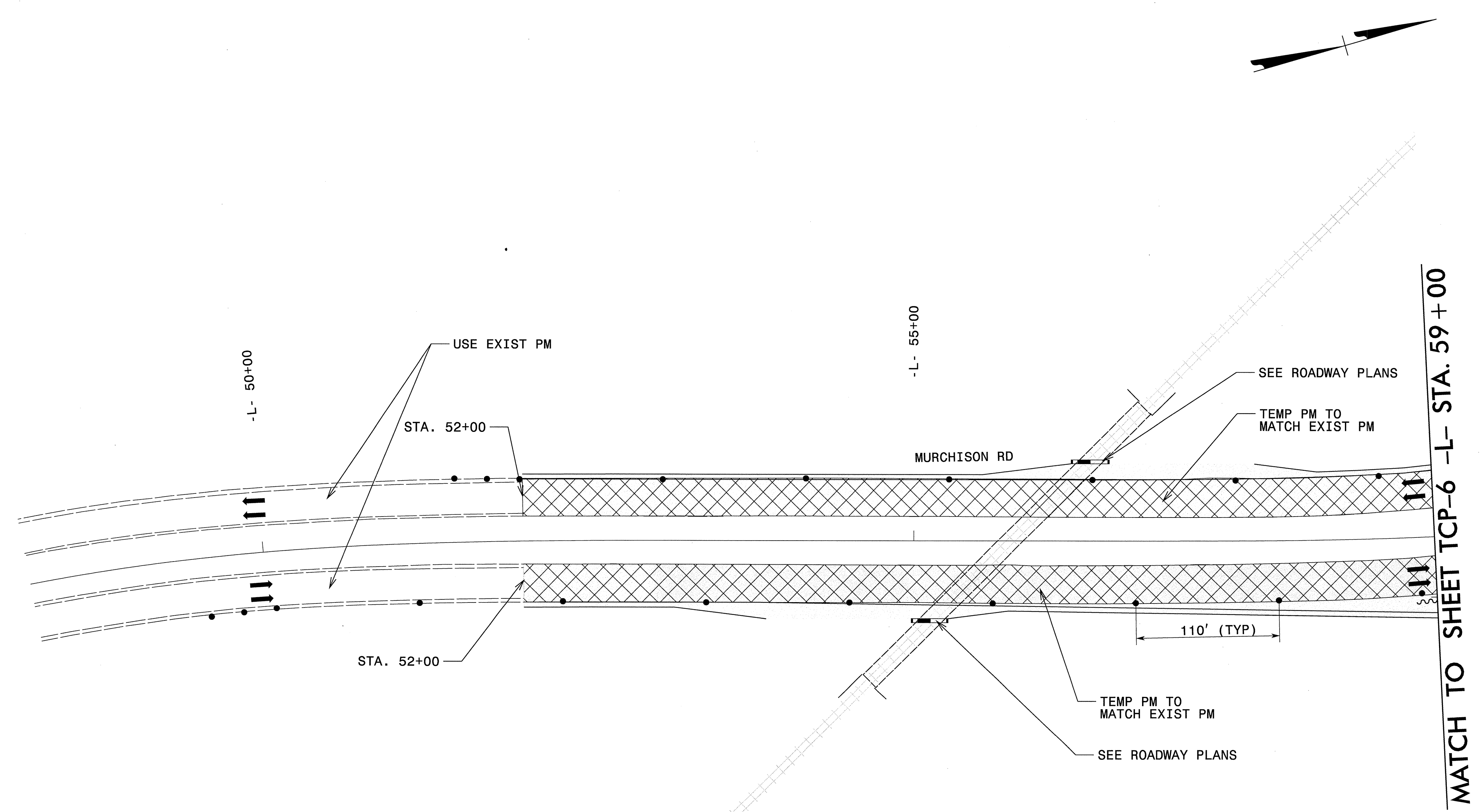
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PHASE I STEP 1 OVERVIEW

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 Screen AT WSHAR-KEEN



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

CA	WHITE EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CB	YELLOW EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CC	10' WHITE SKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CD	2' WHITE MINISKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
PA	WHITE EDGELINE	4"	PAINT
PB	YELLOW EDGELINE	4"	PAINT
PC	10' WHITE SKIP	4"	PAINT
PD	2' WHITE MINISKIP	4"	PAINT
PE	WHITE SOLID LANE LINE	4"	PAINT
PT	YELLOW DOUBLE CENTER	4"	PAINT
PR	WHITE GORELINE	8"	PAINT
PS	WHITE LINE (RR)	16"	PAINT
PA	WHITE STOP BAR	24"	PAINT
QA	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT	
QB	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT	
QC	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT	
QD	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT	
QE	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT	
QT	R ONLY WHITE CHARACTERS	PAINT	

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

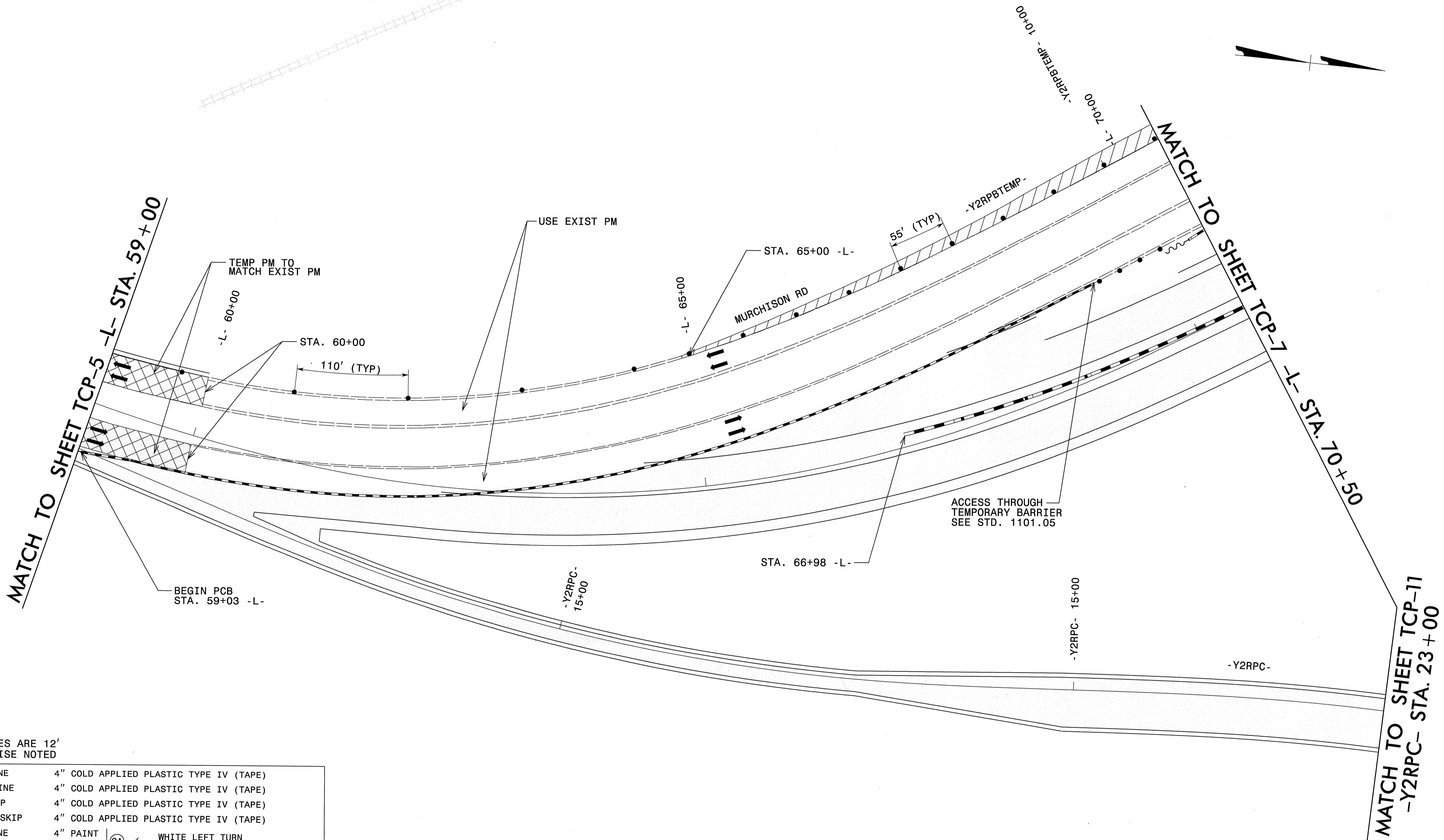
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**PHASE I STEP 1
DETAIL**

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NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↙	WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↘	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↗	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↘	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QF) ↗	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT	(QJ) R ONLY		
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

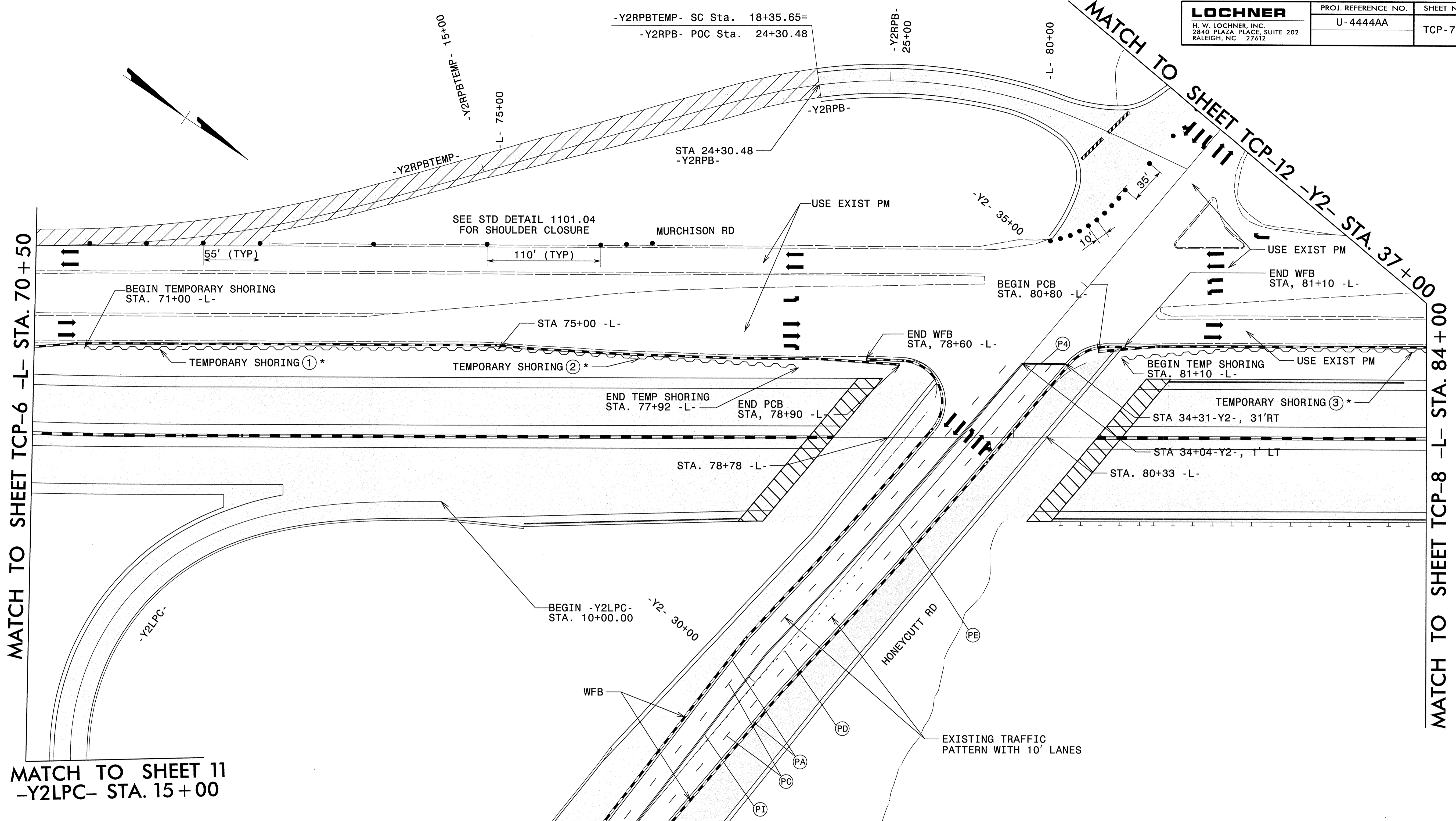
LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

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PHASE I STEP 1 DETAIL	
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MATCH TO SHEET TCP-6 -L- STA. 70+50

MATCH TO SHEET 11
-Y2LPC- STA. 15+00

MATCH TO SHEET TCP-8 -L- STA. 84+00

MATCH TO SHEET TCP-12 -Y2- STA. 37+00

MATCH TO SHEET 11
-Y2- STA. 26+00

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	PAIN
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAIN
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↵	WHITE STRAIGHT	PAIN
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAIN
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAIN
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY	WHITE CHARACTERS	PAIN
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PI) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(PS) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

* SEE TCP-7A FOR TEMPORARY SHORING DATA

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

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**PHASE I STEP 1
DETAIL**

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DESIGN BY: sk		
REVIEWED BY: bb		

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Shoring ID No.	Begin Sta. & Ref. Line	End Sta. & Ref. Line	Offset	Shoring Type	Quantity
No. 1	71+00 +/- -L-	75+00 +/- -L-	84.55 ft. (Left)	Roadway	4800 SF
No. 2	75+00 +/- -L-	77+92 +/- -L-	84.55 to 72.76 ft. (Left)	Roadway	5840 SF
No. 3	81+10 +/- -L-	87+00 +/- -L-	85.5 ft. (Left)	Roadway	4720 SF
No. 4	13+25 +/- -Y2LPB-	14+50 +/- -Y2LPB-	8 ft. (Left of edge of travel lane)	Roadway	375 SF

Temporary Shoring No.1

FOR TEMPORARY SHORING, SEE TEMPORARY SHORING SPECIAL PROVISION.

DO NOT USE STANDARD TEMPORARY SHORING FROM STATION 71+00 +/- -L- TO STATION 75+00 +/- -L-, 84.55 FT. LEFT.

USE A TEMPORARY MSE WALL FROM STATION 71+00 +/- -L- TO STATION 75+00 +/- -L-, 84.55 FT. LEFT.

WHEN USING CONTRACTOR DESIGNED SHORING FROM STATION 71+00 +/- -L- TO STATION 75+00 +/- -L-, 84.55 FT. LEFT., DESIGN SHORING FOR THE FOLLOWING IN-SITU ASSUMED SOIL PARAMETERS:

- UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
- UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF
- FRICTION ANGLE, $\phi = 30$ DEGREES
- COHESION, $c = 0$ PSF

FOR CONTRACTOR DESIGNED SHORING, SURVEY THE SHORING LOCATION TO DETERMINE EXISTING ELEVATIONS AND ACTUAL DESIGN HEIGHTS BEFORE BEGINNING DESIGN.

FOR PORTABLE CONCRETE BARRIERS ABOVE AND BEHIND TEMPORARY SHORING, USE AND NCDOT PORTABLE CONCRETE BARRIER (UNANCHORED OR ANCHORED) OR AN ORIGON TALL F-SHAPE CONCRETE BARRIER IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS.

Temporary Shoring No.2

FOR TEMPORARY SHORING, SEE TEMPORARY SHORING SPECIAL PROVISION.

DO NOT USE STANDARD TEMPORARY SHORING FROM STATION 75+00 +/- -L- TO STATION 77+92 +/- -L-, 84.55 FT. TO 72.76 FT. LEFT.

USE A TEMPORARY MSE WALL FROM STATION 75+00 +/- -L- TO STATION 77+92 +/- -L-, 84.55 FT. TO 72.76 FT. LEFT.

WHEN USING CONTRACTOR DESIGNED SHORING FROM STATION 75+00 +/- -L- TO STATION 77+92 +/- -L-, 84.55 FT. TO 72.76 FT. LEFT, DESIGN SHORING FOR THE FOLLOWING IN-SITU ASSUMED SOIL PARAMETERS:

- UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
- UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF
- FRICTION ANGLE, $\phi = 30$ DEGREES
- COHESION, $c = 0$ PSF

FOR CONTRACTOR DESIGNED SHORING, SURVEY THE SHORING LOCATION TO DETERMINE EXISTING ELEVATIONS AND ACTUAL DESIGN HEIGHTS BEFORE BEGINNING DESIGN.

FOR PORTABLE CONCRETE BARRIERS ABOVE AND BEHIND TEMPORARY SHORING, USE AND NCDOT PORTABLE CONCRETE BARRIER (UNANCHORED OR ANCHORED) OR AN ORIGON TALL F-SHAPE CONCRETE BARRIER IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS.

Temporary Shoring No.3

FOR TEMPORARY SHORING, SEE TEMPORARY SHORING SPECIAL PROVISION.

DO NOT USE STANDARD TEMPORARY SHORING FROM STATION 81+10 +/- -L- TO STATION 87+00 +/- -L-, 85.5 FT. LEFT.

USE A TEMPORARY MSE WALL FROM STATION 81+10 +/- -L- TO STATION 87+00 +/- -L-, 85.5 FT. LEFT.

WHEN USING CONTRACTOR DESIGNED SHORING FROM STATION 81+10 +/- -L- TO STATION 87+00 +/- -L-, 85.5 FT. LEFT, DESIGN SHORING FOR THE FOLLOWING IN-SITU ASSUMED SOIL PARAMETERS:

- UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
- UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF
- FRICTION ANGLE, $\phi = 30$ DEGREES
- COHESION, $c = 0$ PSF

FOR CONTRACTOR DESIGNED SHORING, SURVEY THE SHORING LOCATION TO DETERMINE EXISTING ELEVATIONS AND ACTUAL DESIGN HEIGHTS BEFORE BEGINNING DESIGN.

FOR PORTABLE CONCRETE BARRIERS ABOVE AND BEHIND TEMPORARY SHORING, USE AND NCDOT PORTABLE CONCRETE BARRIER (UNANCHORED OR ANCHORED) OR AN ORIGON TALL F-SHAPE CONCRETE BARRIER IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS.

Temporary Shoring No.4

FOR TEMPORARY SHORING, SEE TEMPORARY SHORING SPECIAL PROVISION.

DO NOT USE STANDARD TEMPORARY SHORING FROM STATION 13+25 +/- -Y2LPB- TO STATION 14+50 +/- -Y2LPB-, 8 FT. LEFT OF EDGE OF TRAVEL LANE.

USE A TEMPORARY MSE WALL FROM STATION 13+25 +/- -Y2LPB- TO STATION 14+50 +/- -Y2LPB-, 8 FT. LEFT OF EDGE OF TRAVEL LANE.

WHEN USING CONTRACTOR DESIGNED SHORING FROM STATION 13+25 +/- -Y2LPB- TO STATION 14+50 +/- -Y2LPB-, 8 FT. LEFT OF EDGE OF TRAVEL LANE, DESIGN SHORING FOR THE FOLLOWING IN-SITU ASSUMED SOIL PARAMETERS:

- UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
- UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF
- FRICTION ANGLE, $\phi = 30$ DEGREES
- COHESION, $c = 0$ PSF

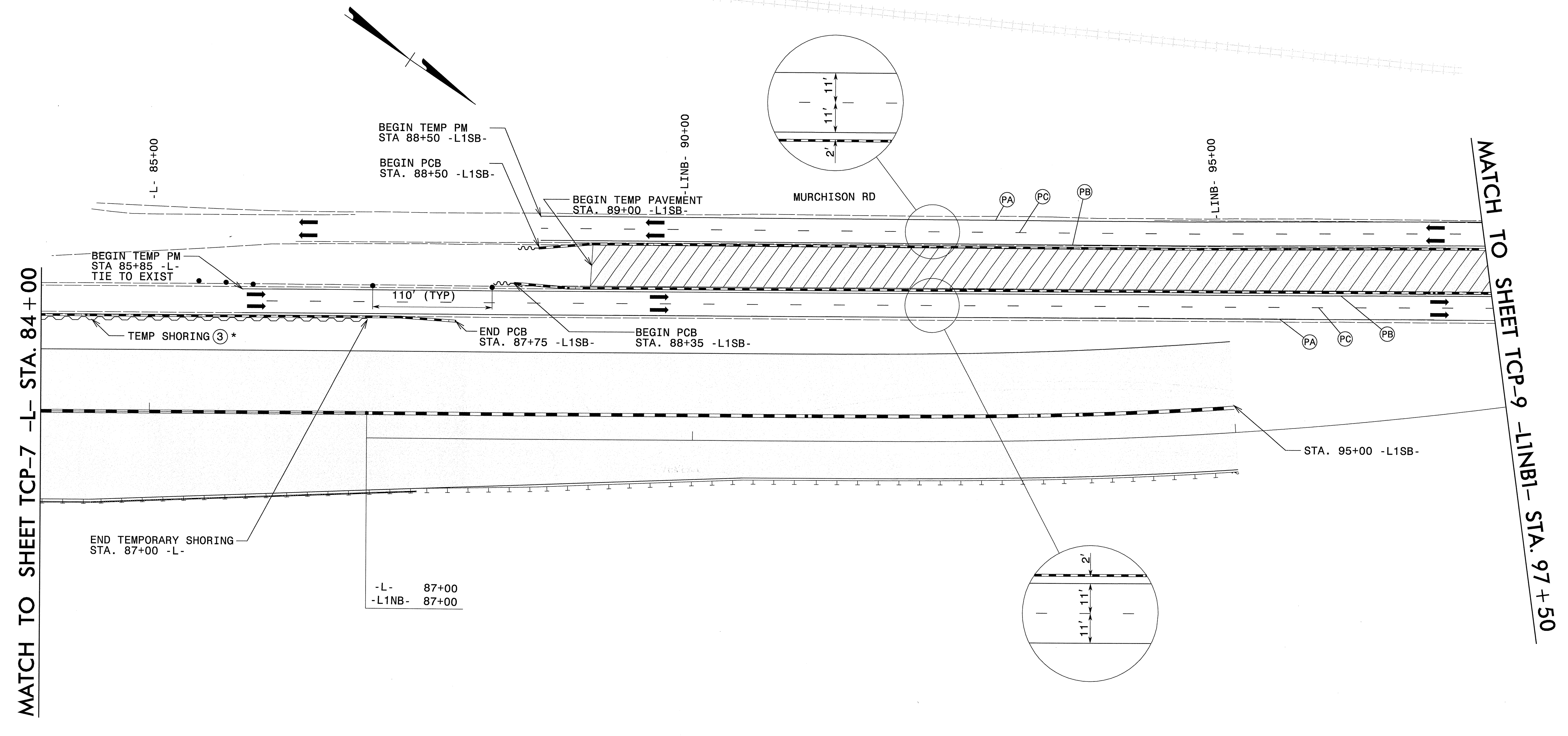
FOR CONTRACTOR DESIGNED SHORING, SURVEY THE SHORING LOCATION TO DETERMINE EXISTING ELEVATIONS AND ACTUAL DESIGN HEIGHTS BEFORE BEGINNING DESIGN.

FOR PORTABLE CONCRETE BARRIERS ABOVE AND BEHIND TEMPORARY SHORING, USE AND NCDOT PORTABLE CONCRETE BARRIER (UNANCHORED OR ANCHORED) OR AN ORIGON TALL F-SHAPE CONCRETE BARRIER IN ACCORDANCE WITH THE TRAFFIC CONTROL PLANS.

**NOTE - SHORING DATA PREPARED AND SEALED BY:
THEIN T. ZAN, GEOTECHNICAL ENGINEER, PE# 30943**

22-JUN-2009 08:34
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MATCH TO SHEET TCP-7 -L- STA. 84+00

MATCH TO SHEET TCP-9 -L1NB1- STA. 97+50

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↕	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PI) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

* SEE TCP-7A FOR TEMPORARY SHORING DATA

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

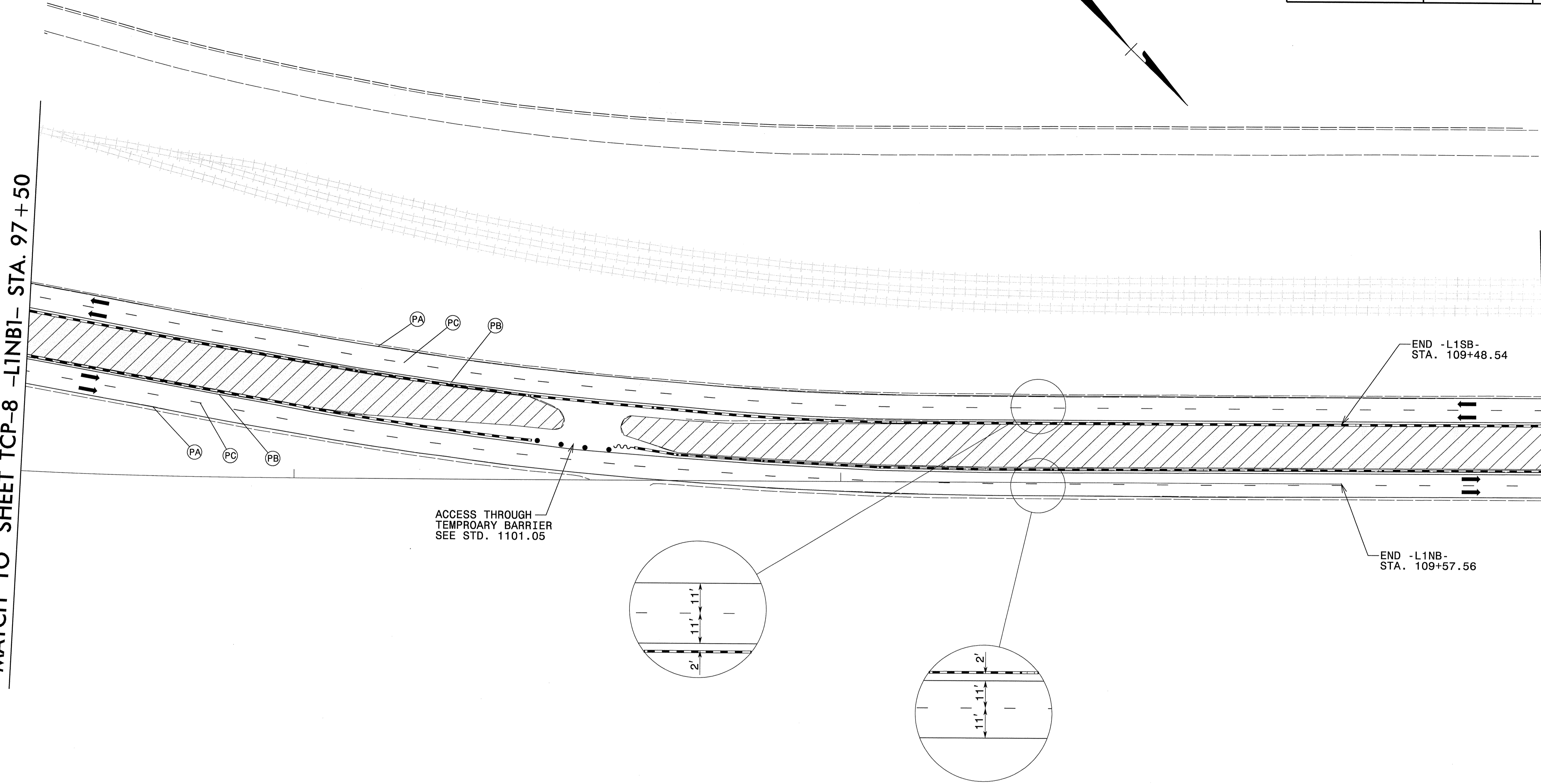
**PHASE I STEP 1
DETAIL**

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MATCH TO SHEET TCP-8 -LINBI- STA. 97+50

MATCH TO SHEET TCP-10



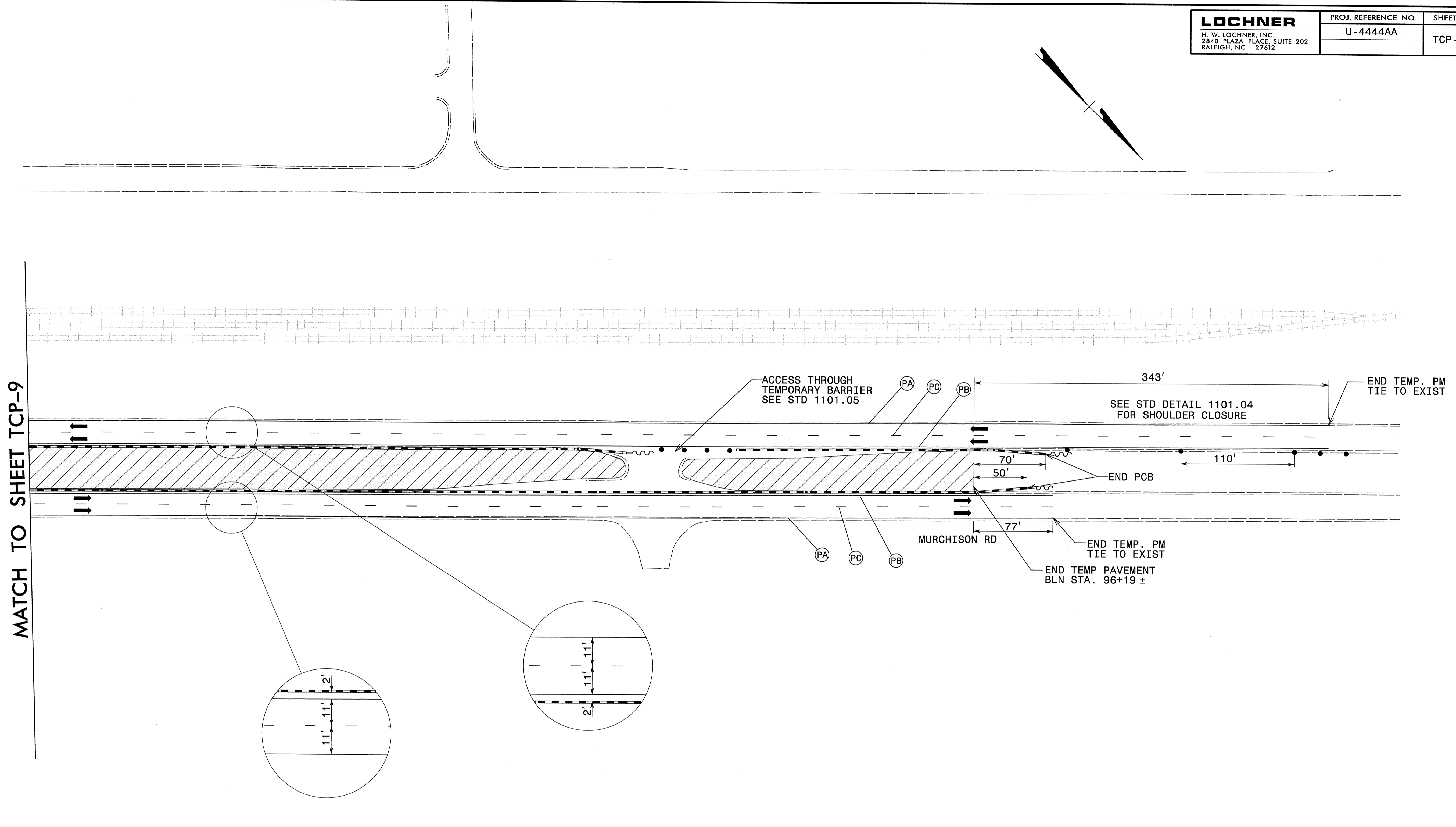
NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(A) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN	PAINT
(B) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	ARROW MARKING SYMBOLS	PAINT
(C) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) WHITE RIGHT TURN	PAINT
(D) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QC) WHITE STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	ARROW MARKING SYMBOL	PAINT
(PC) 10' WHITE SKIP	4" PAINT	(QD) WHITE LEFT/STRAIGHT	PAINT
(PD) 2' WHITE MINISKIP	4" PAINT	ARROW MARKING SYMBOLS	PAINT
(PE) WHITE SOLID LANE LINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT	PAINT
(PJ) YELLOW DOUBLE CENTER	4" PAINT	ARROW MARKING SYMBOLS	PAINT
(PR) WHITE GORELINE	8" PAINT	(QJ) R ONLY	PAINT
(P3) WHITE LINE (RR)	16" PAINT	WHITE CHARACTERS	PAINT
(P4) WHITE STOP BAR	24" PAINT		

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

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 skben AT WSHAR-KEEN



MATCH TO SHEET TCP-9

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(PA) WHITE EDGELINE	4" PAINT	(QA)	WHITE LEFT TURN ARROW MARKING SYMBOLS PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QB)	WHITE RIGHT TURN ARROW MARKING SYMBOLS PAINT
(PC) 10' WHITE SKIP	4" PAINT	(QC)	WHITE STRAIGHT ARROW MARKING SYMBOL PAINT
(PD) 2' WHITE MINISKIP	4" PAINT	(QD)	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS PAINT
(PE) WHITE SOLID LANE LINE	4" PAINT	(QE)	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS PAINT
(PJ) YELLOW DOUBLE CENTER	4" PAINT	(QT)	R ONLY WHITE CHARACTERS PAINT
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

SEAL 034054

SEAL 034054

SEAL 034054

**PHASE I STEP 1
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: SK		
REVIEWED BY: be		

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MATCH TO SHEET TCP-6
-Y2RPC- STA. 23+00

MATCH TO SHEET TCP-7
-Y2LPC- STA. 15+00

MATCH TO INSET A-A -Y2- STA. 11+50

MATCH TO SHEET TCP-7 -Y2- STA. 26+00

BEGIN WFB STA. 11+50 -Y2-
BEGIN WFB STA. 12+50 -Y2-

-Y2- 15+00

WFB

-Y2- 20+00

-Y2RPC-

-Y2LPC-
-Y2RPC-
25+00

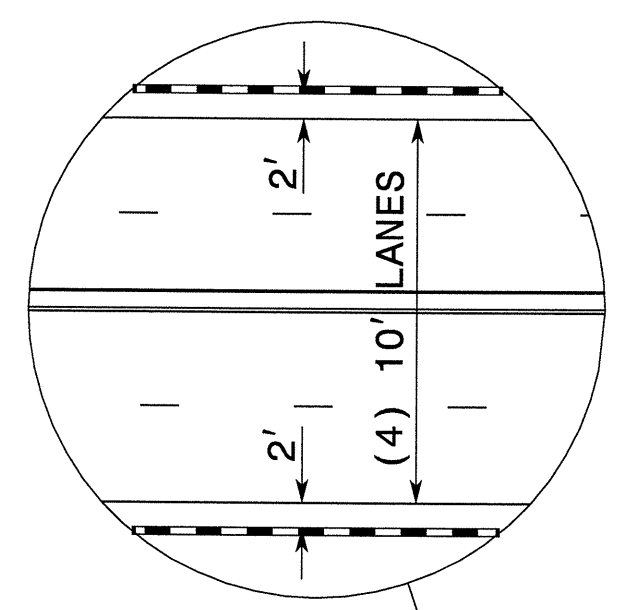
-Y2- 25+00

END -Y2LPC-
STA. 19+82.54

END -Y2RPC-
STA. 27+78.24

BEGIN TEMPORARY PAVEMENT MARKINGS STA. 13+00 -Y2- TIE TO EXISTING

(PI) (PC) (PA)

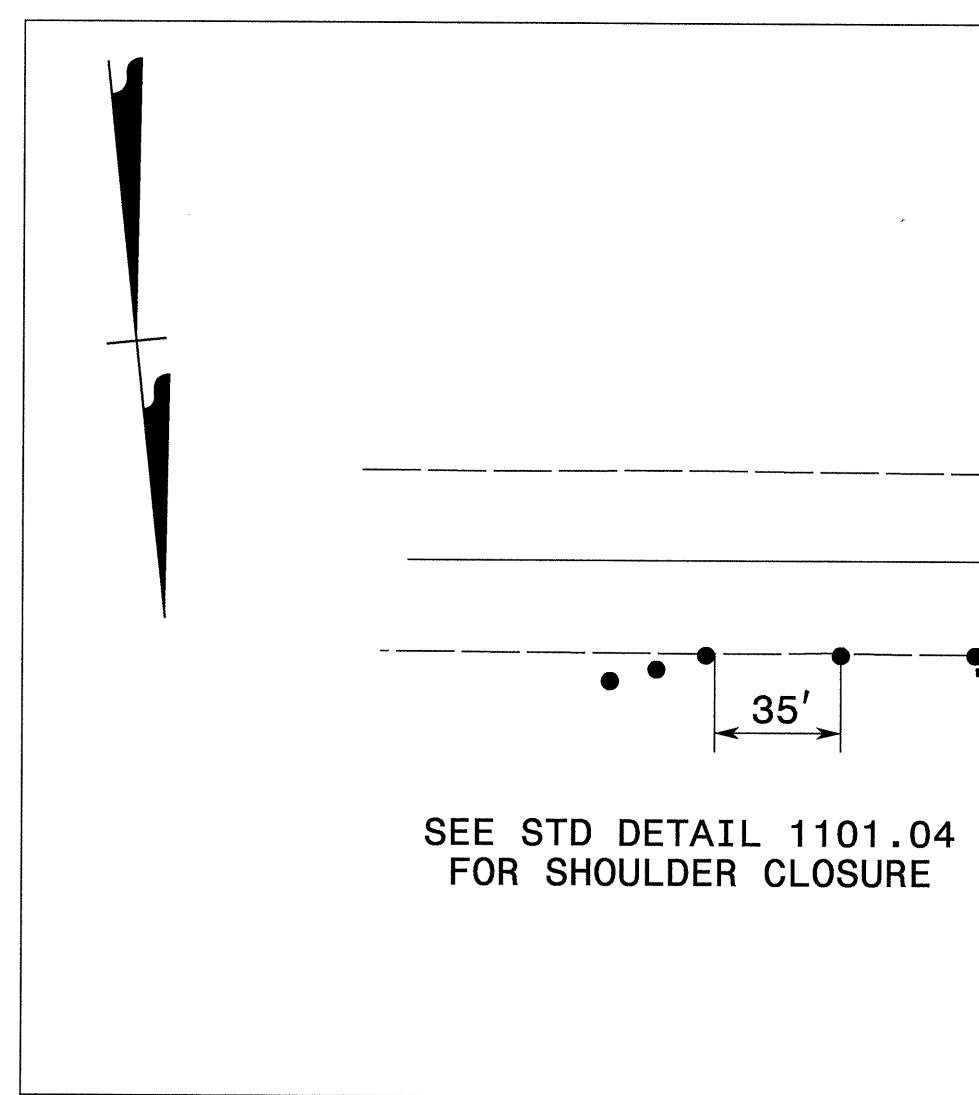


HONEYCUTT RD

EXISTING TRAFFIC PATTERN WITH 10' LANES

NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT		
(PD) 2' WHITE MINISKIP	4" PAINT		
(PE) WHITE SOLID LANE LINE	4" PAINT		
(PJ) YELLOW DOUBLE CENTER	4" PAINT		
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		



SEE STD DETAIL 1101.04 FOR SHOULDER CLOSURE

MATCH TO INSET A-A
-Y2- STA. 11+50

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

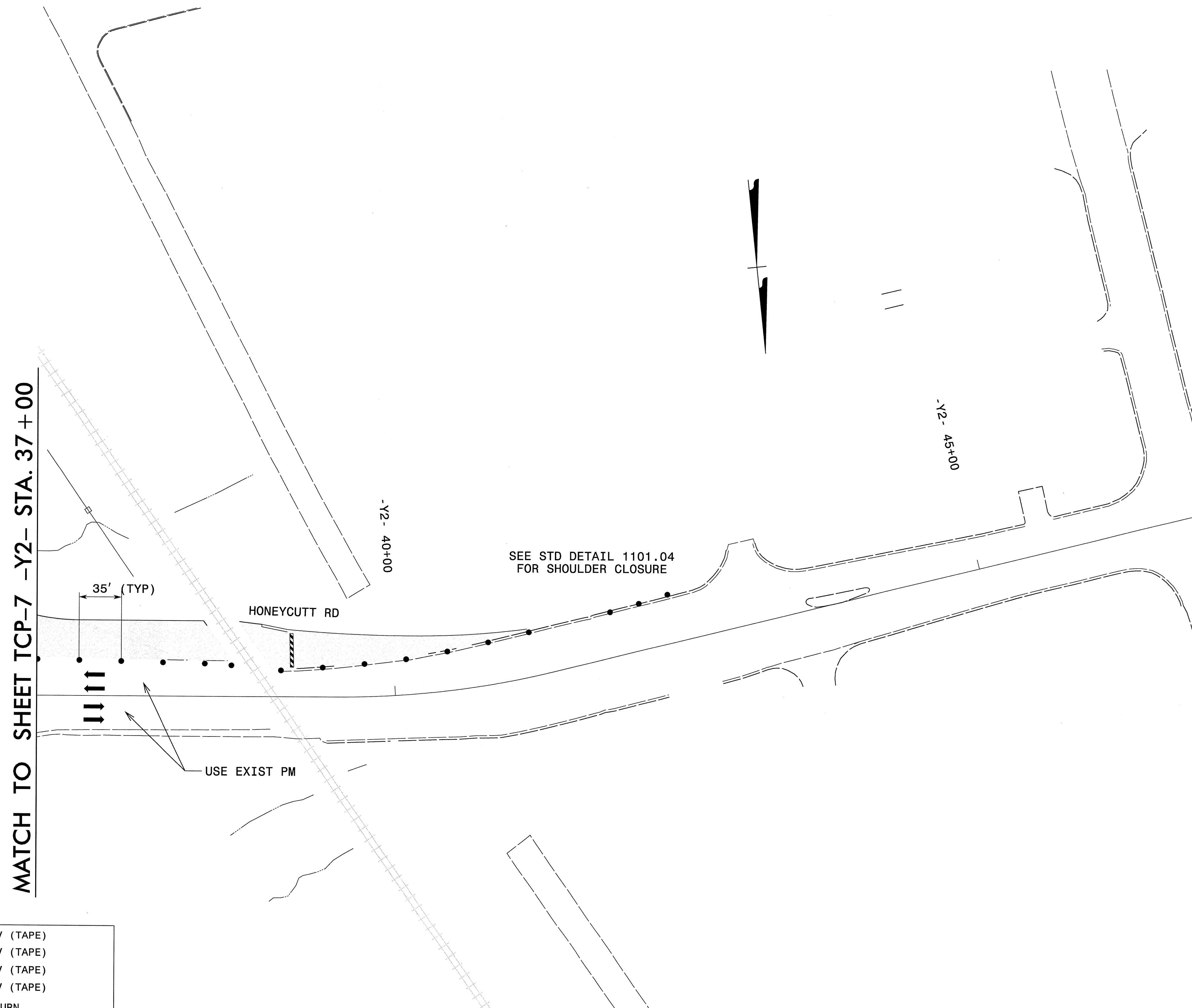
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PHASE I STEP 1 DETAIL

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REVIEWED BY: be		CADD FILE

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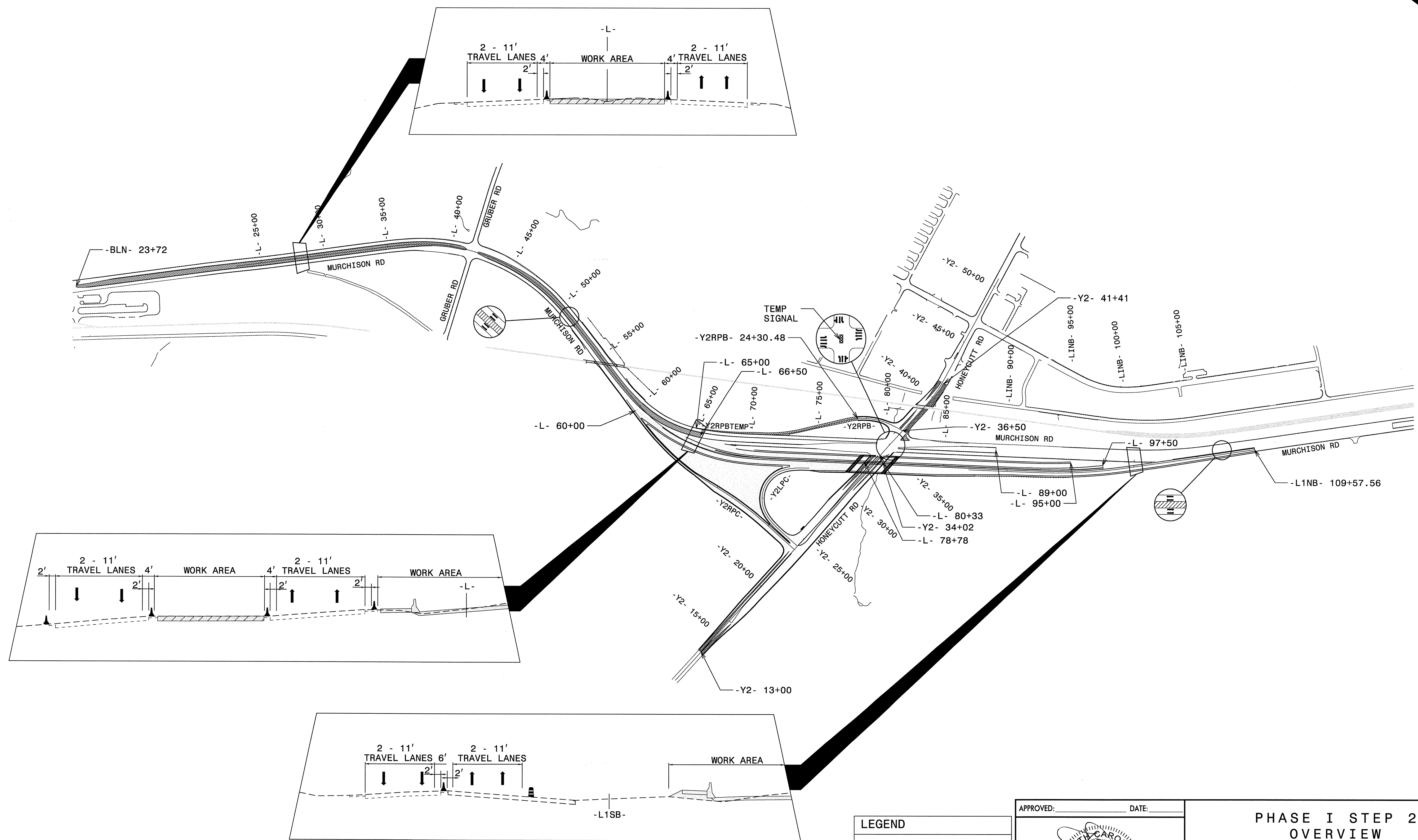
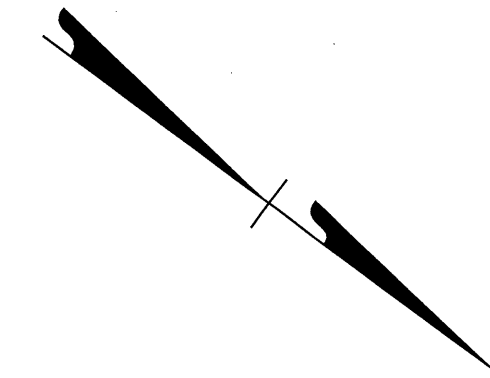
NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT		
(PD) 2' WHITE MINISKIP	4" PAINT		
(PE) WHITE SOLID LANE LINE	4" PAINT		
(PJ) YELLOW DOUBLE CENTER	4" PAINT		
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____	DATE: _____	PHASE I STEP 1 DETAIL									
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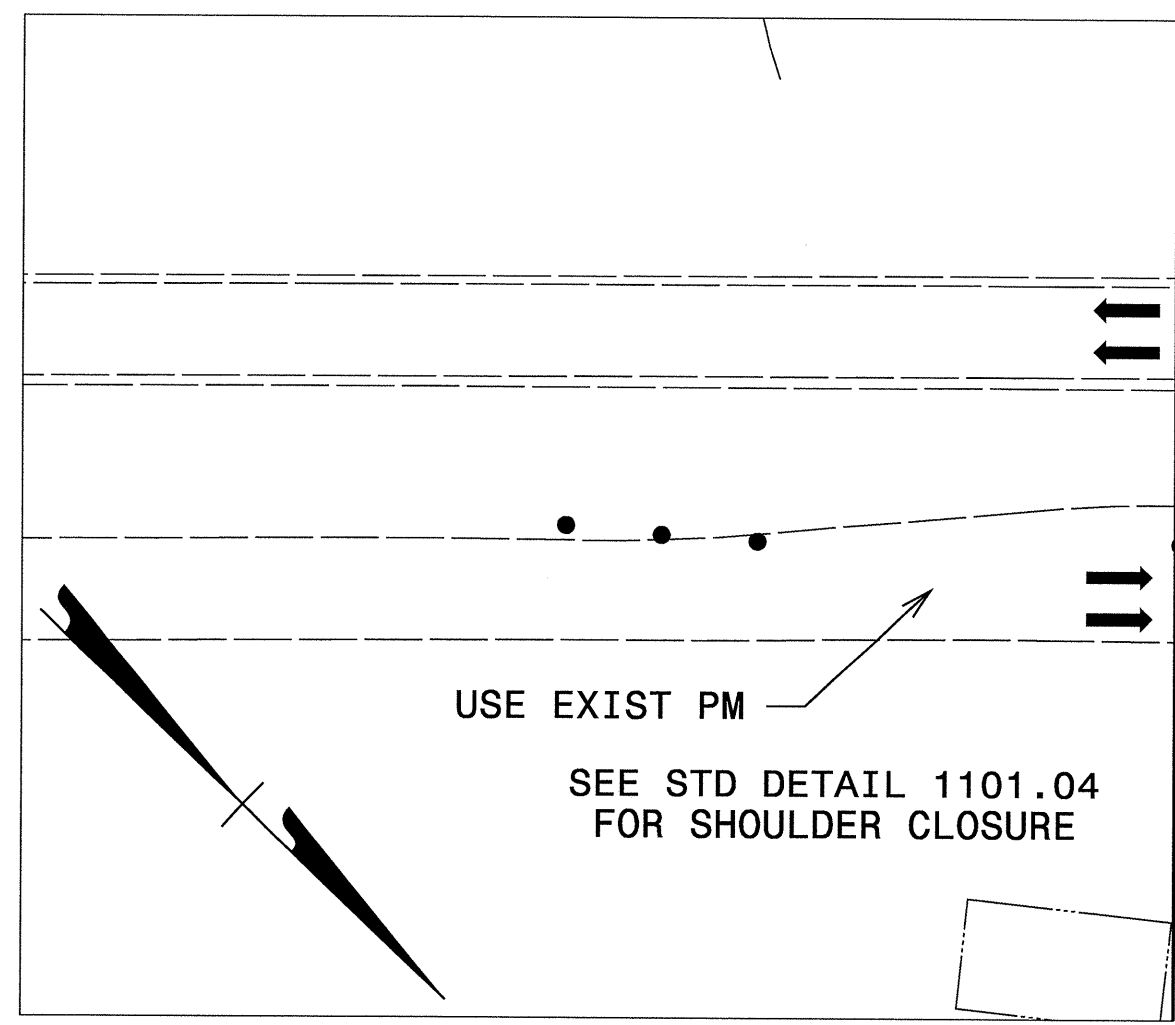
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	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

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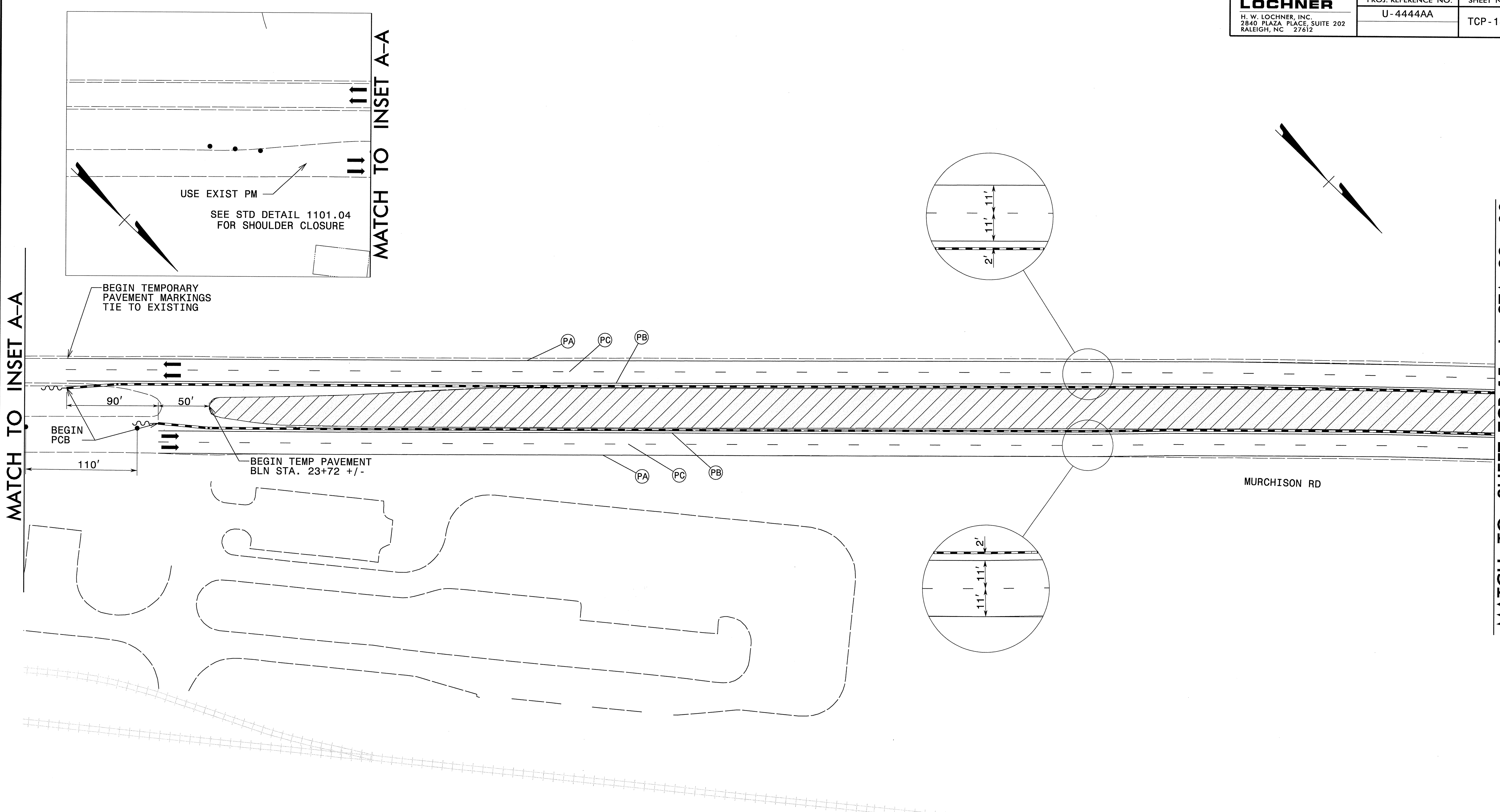
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DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: bb		





MATCH TO INSET A-A

MATCH TO INSET A-A



NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↙	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↘	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↗	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↘	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE I STEP 2
DETAIL**

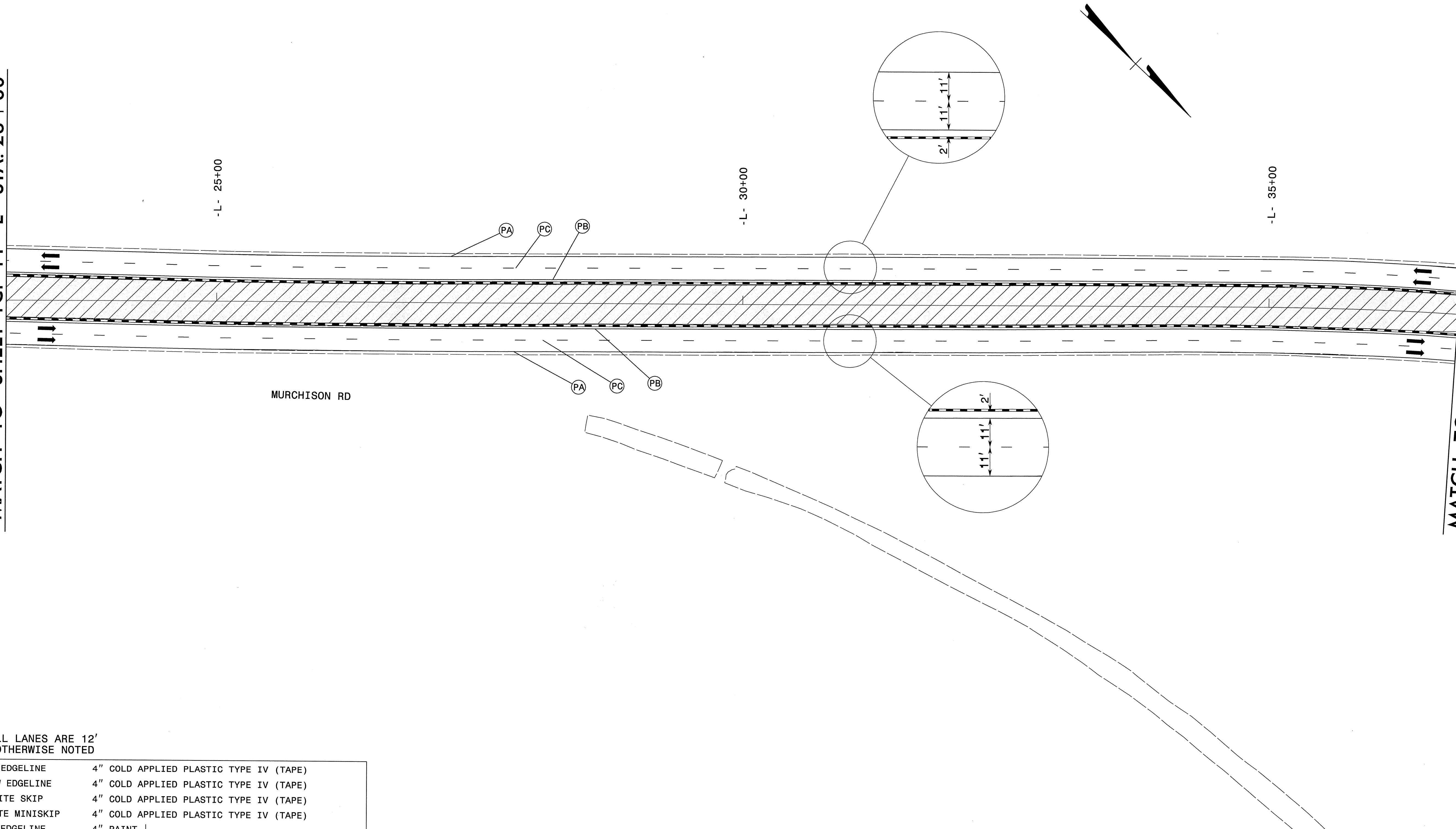
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MATCH TO SHEET TCP-15 -L- STA. 23+00

MATCH TO SHEET TCP-14 -L- STA. 23+00

MATCH TO SHEET TCP-16 -L- STA. 36+80



MURCHISON RD

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↙	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↘	ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) →	WHITE STRAIGHT	
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↗	ARROW MARKING SYMBOL	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↘	WHITE LEFT/STRAIGHT	
(PB) YELLOW EDGELINE	4" PAINT	(QF) ↗	ARROW MARKING SYMBOLS	PAINT
(PC) 10' WHITE SKIP	4" PAINT	(QG) ↘	WHITE RIGHT/STRAIGHT	
(PD) 2' WHITE MINISKIP	4" PAINT	(QH) ↗	ARROW MARKING SYMBOLS	PAINT
(PE) WHITE SOLID LANE LINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

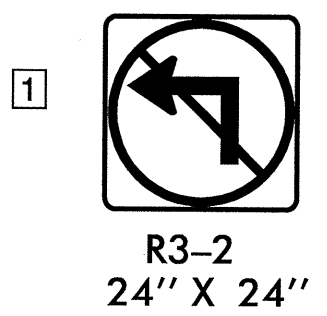
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MATCH TO SHEET TCP-15 -L- STA. 36+80

MATCH TO SHEET TCP-17 -L- STA. 48+20



ACCESS THROUGH
TEMPORARY BARRIER
SEE STD. 1101.05

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT		
(PD) 2' WHITE MINISKIP	4" PAINT		
(PE) WHITE SOLID LANE LINE	4" PAINT		
(PJ) YELLOW DOUBLE CENTER	4" PAINT		
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

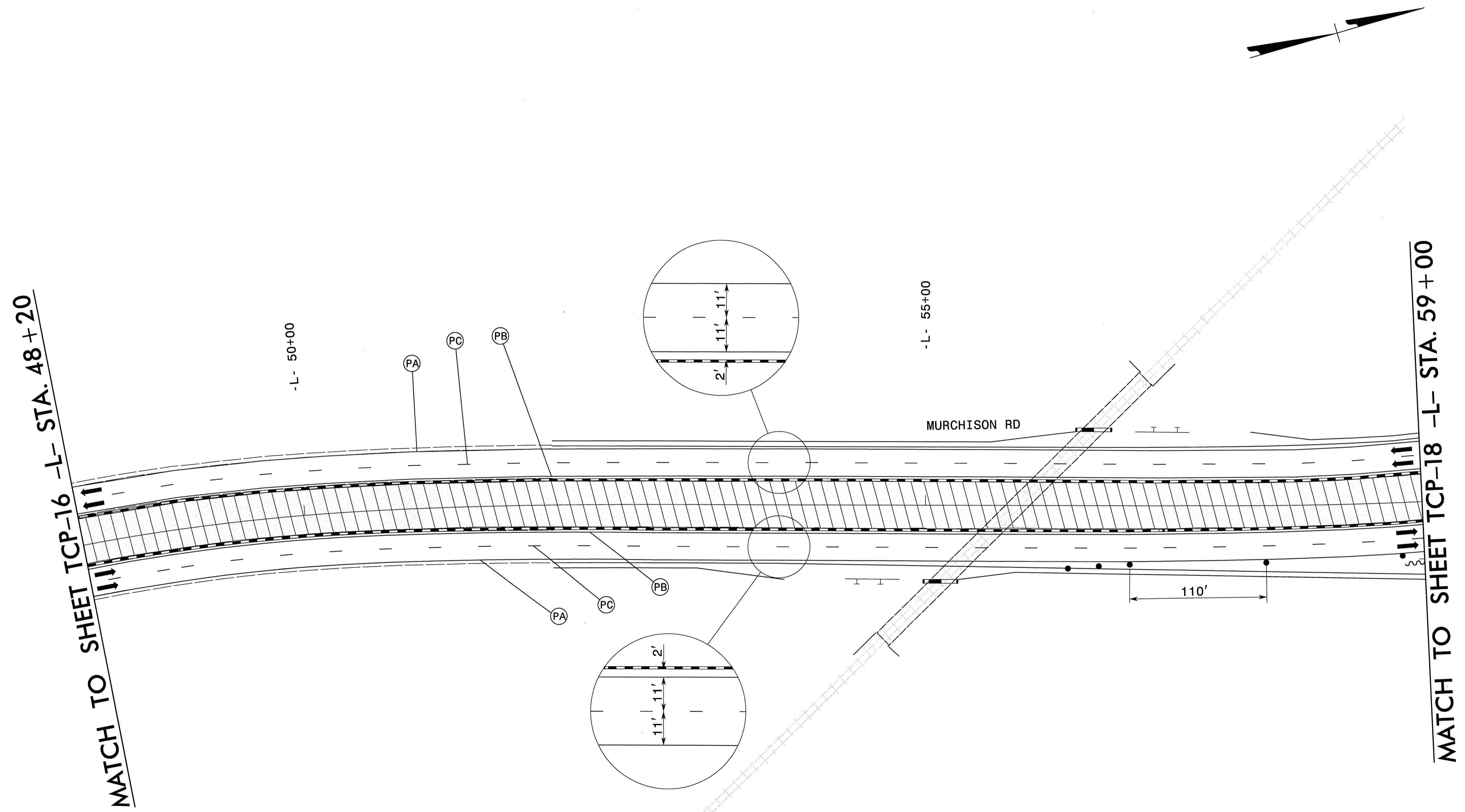
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**PHASE I STEP 2
DETAIL**

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 skcen AT WSHAR-KEEN



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	WHITE RIGHT TURN	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	ARROW MARKING SYMBOLS	PAINT
(FA) WHITE EDGELINE	4" PAINT	(QC) WHITE STRAIGHT	PAINT
(FB) YELLOW EDGELINE	4" PAINT	ARROW MARKING SYMBOL	PAINT
(FC) 10' WHITE SKIP	4" PAINT	(QD) WHITE LEFT/STRAIGHT	PAINT
(FD) 2' WHITE MINISKIP	4" PAINT	ARROW MARKING SYMBOLS	PAINT
(FE) WHITE SOLID LANE LINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT	PAINT
(PF) YELLOW DOUBLE CENTER	4" PAINT	ARROW MARKING SYMBOLS	PAINT
(PG) WHITE GORELINE	8" PAINT	(QI) R ONLY WHITE CHARACTERS	PAINT
(PH) WHITE LINE (RR)	16" PAINT		
(PJ) WHITE STOP BAR	24" PAINT		

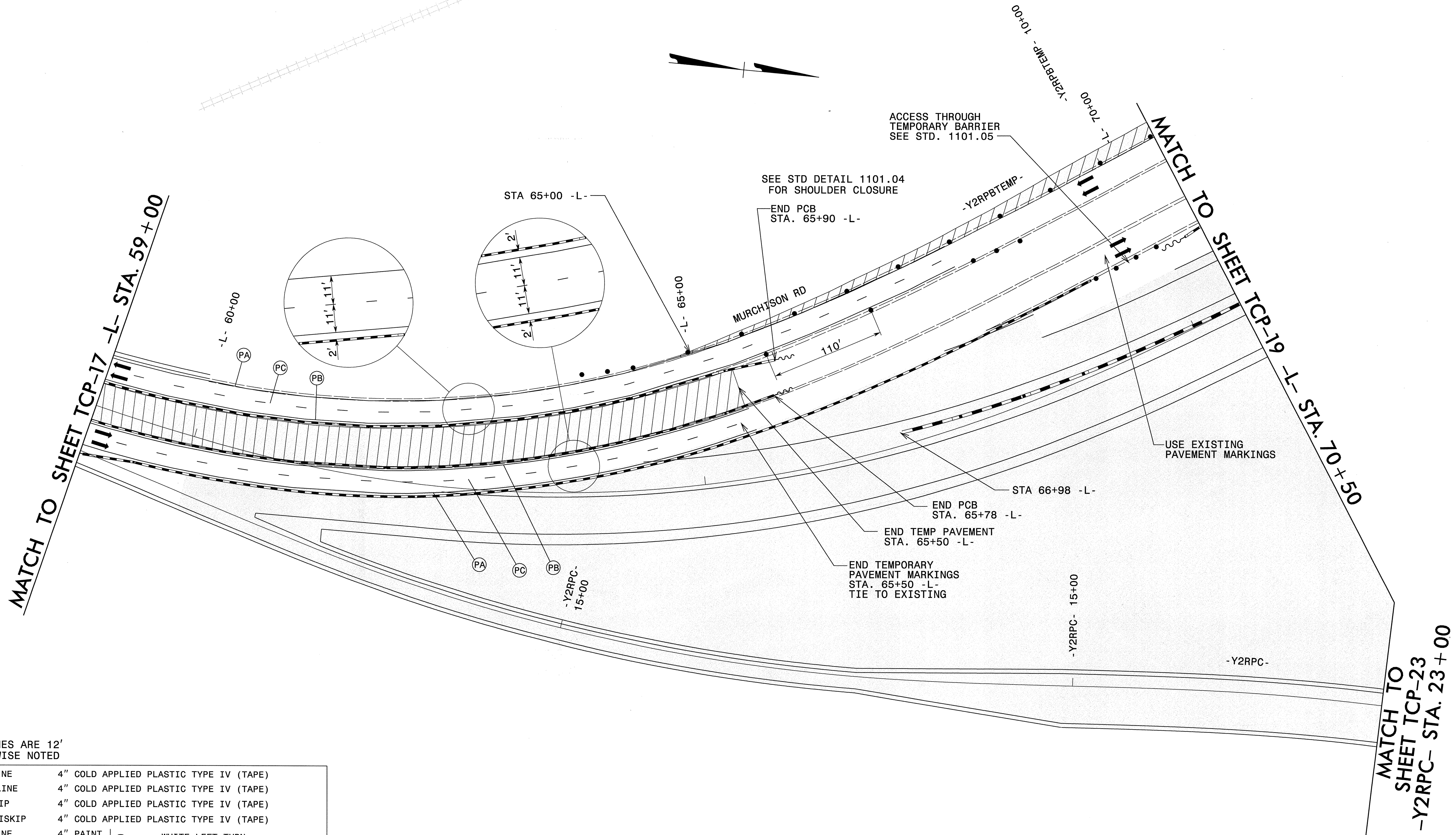
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	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

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 skoen AT WSHAR-KEEN



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	PAIN
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAIN
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↴	WHITE STRAIGHT	PAIN
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↵	WHITE LEFT/STRAIGHT	PAIN
(PA) WHITE EDGELINE	4" PAINT	(QE) ↶	WHITE RIGHT/STRAIGHT	PAIN
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAIN
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(P1) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

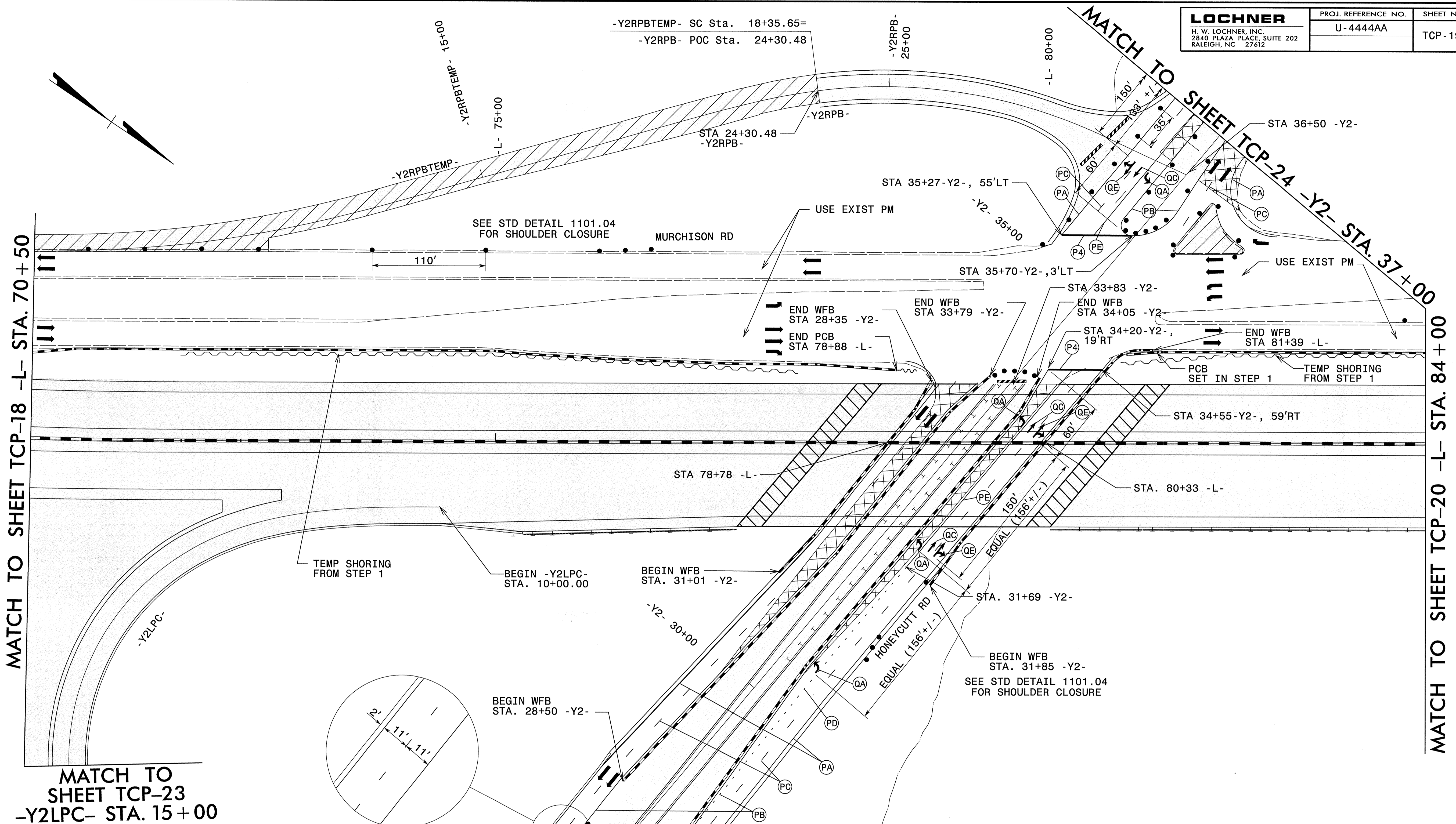
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**PHASE I STEP 2
DETAIL**

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 skreen AT WSHAR-KEEN



MATCH TO SHEET TCP-18 -L- STA. 70+50

MATCH TO SHEET TCP-20 -L- STA. 84+00

MATCH TO SHEET TCP-23
-Y2LPC- STA. 15+00

MATCH TO SHEET TCP-23
-Y2- STA. 26+00

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN	PAIN
(CB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN	PAIN
(CC) 10' WHITE SKIP	4" PAINT	(QC) ↶	WHITE STRAIGHT	PAIN
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) ↷	WHITE LEFT/STRAIGHT	PAIN
(PA) WHITE EDGELINE	4" PAINT	(QE) ↶	WHITE RIGHT/STRAIGHT	PAIN
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAIN
(PC) 10' WHITE SKIP	4" PAINT			
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(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PG) WHITE GORELINE	8" PAINT			
(PH) WHITE LINE (RR)	16" PAINT			
(PJ) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

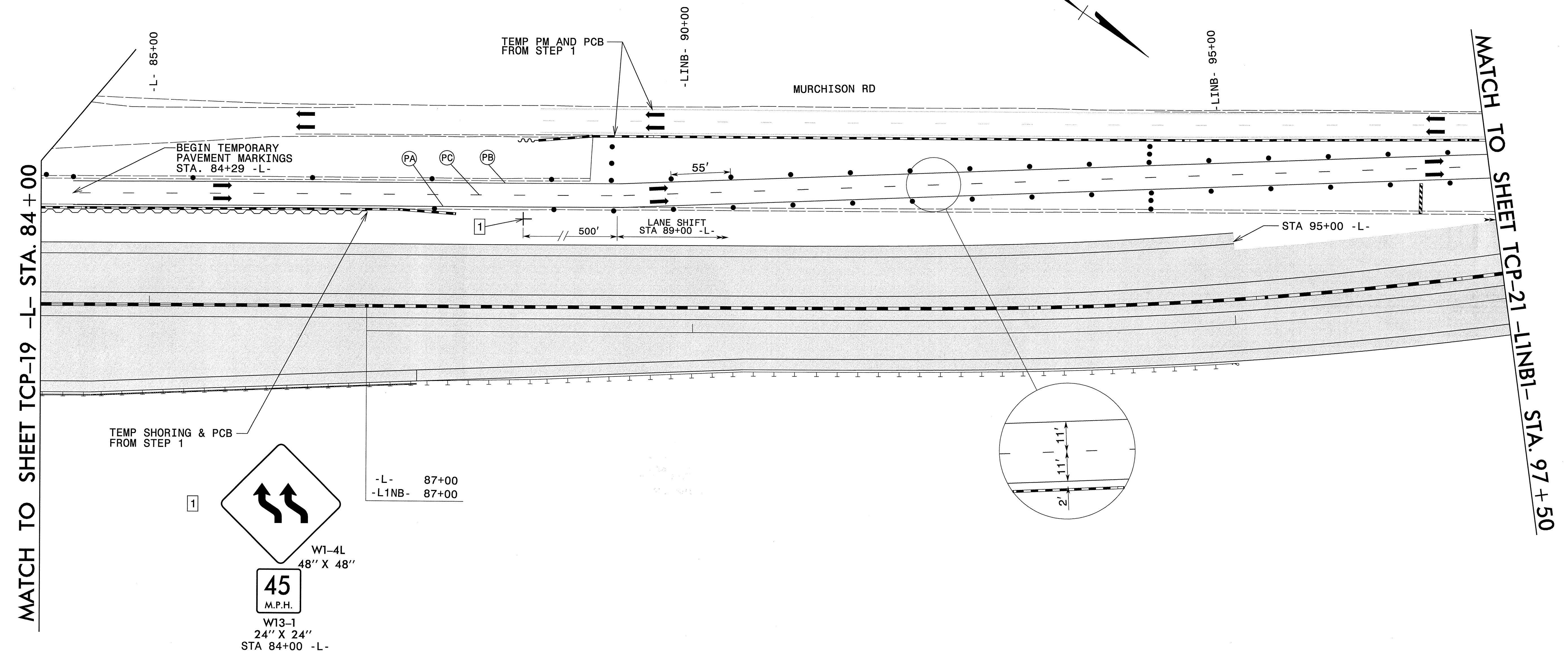
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STATE OF NORTH CAROLINA
SUSAN HADLEY KEEN
ENGINEER
034054

**PHASE I STEP 2
DETAIL**

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NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↷	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↷	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

5-26-09

SEAL 034054

ENGINEER

SIN HADLEY

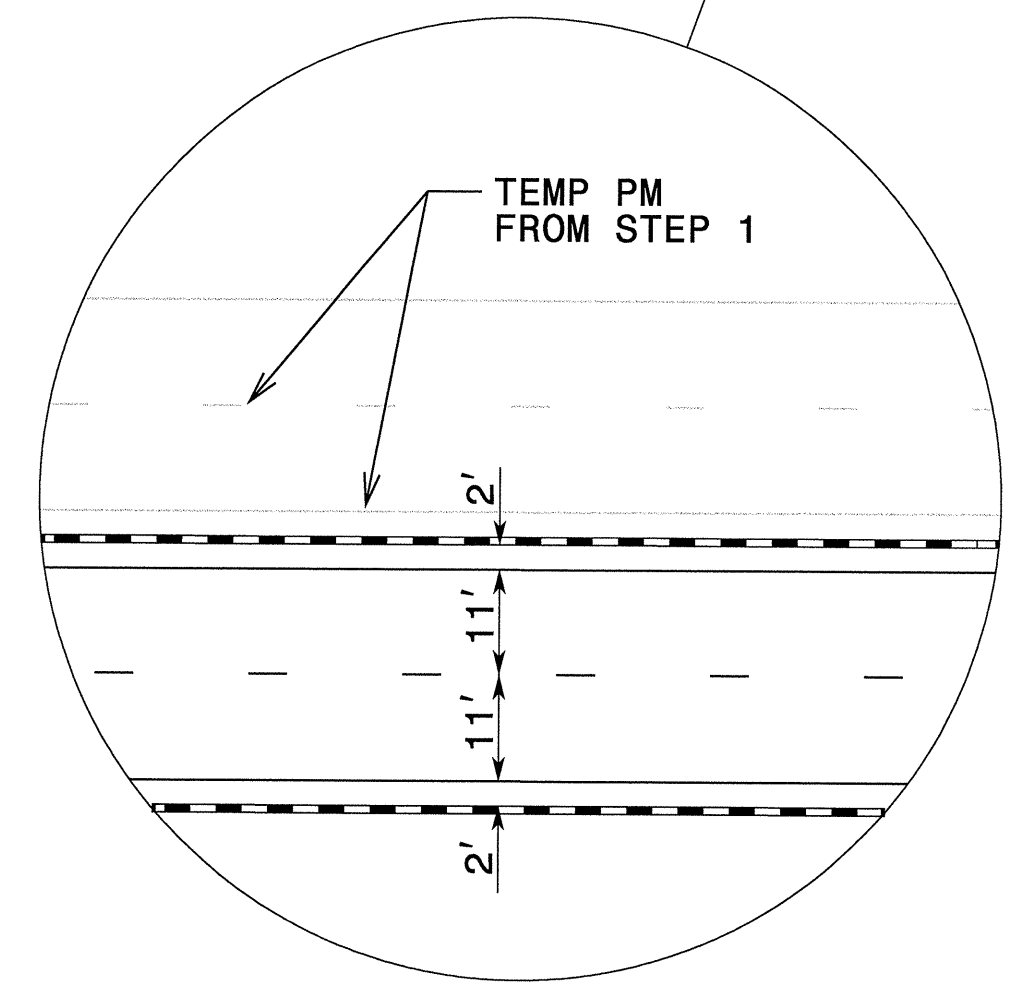
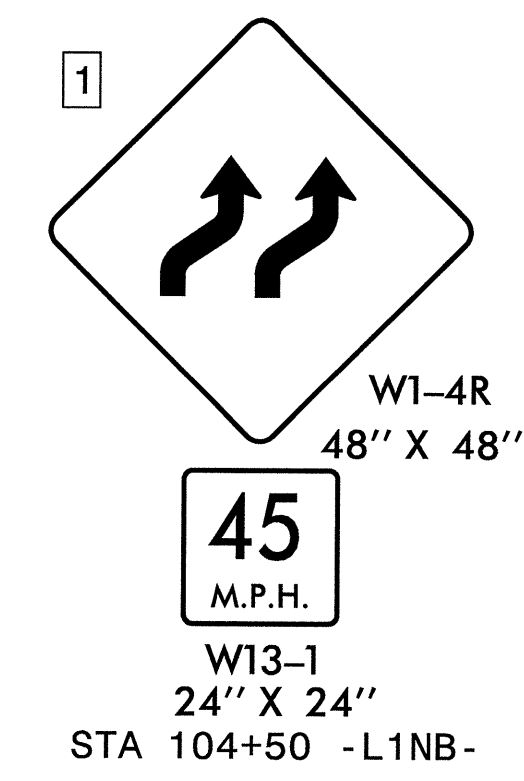
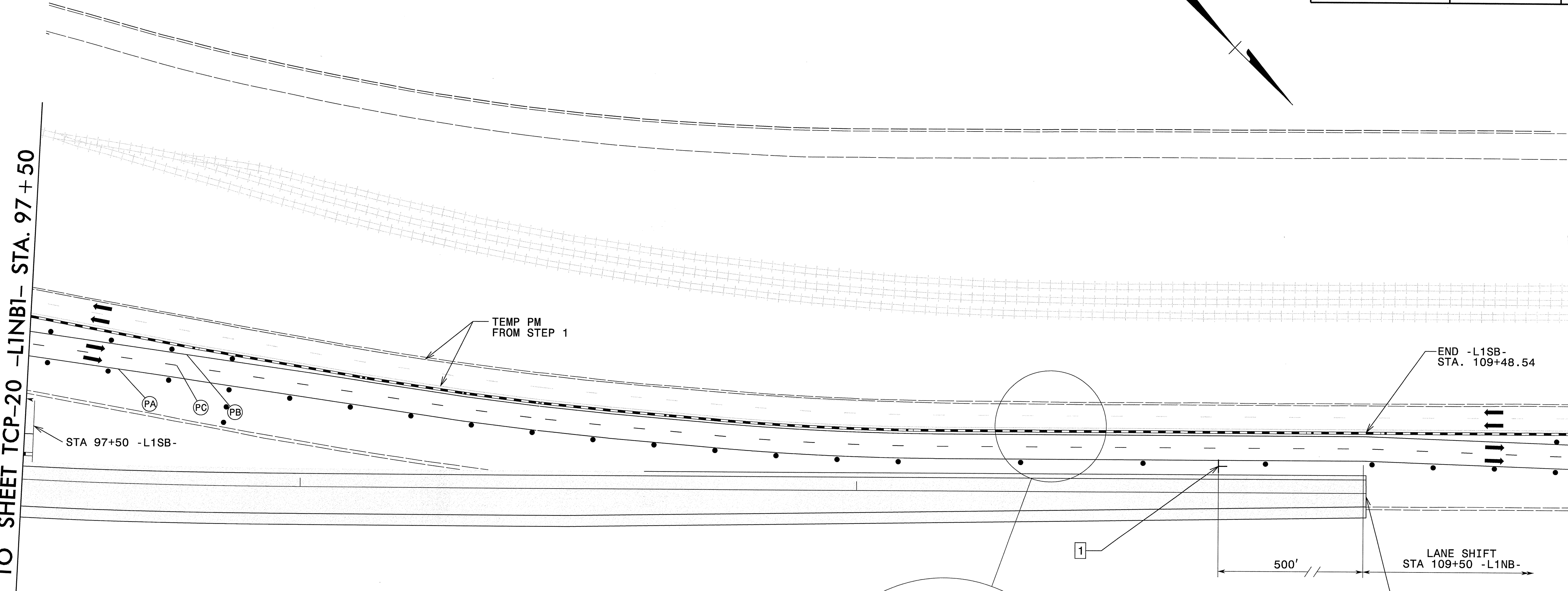
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REVIEWED BY: be		

20-MAY-2009 12:33 \\Fsrd003\Projects\B35\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_PHLSTEP2.DSH07.DGN

MATCH TO SHEET TCP-20 -L1NB1- STA. 97+50

MATCH TO SHEET TCP-22



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QJ) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

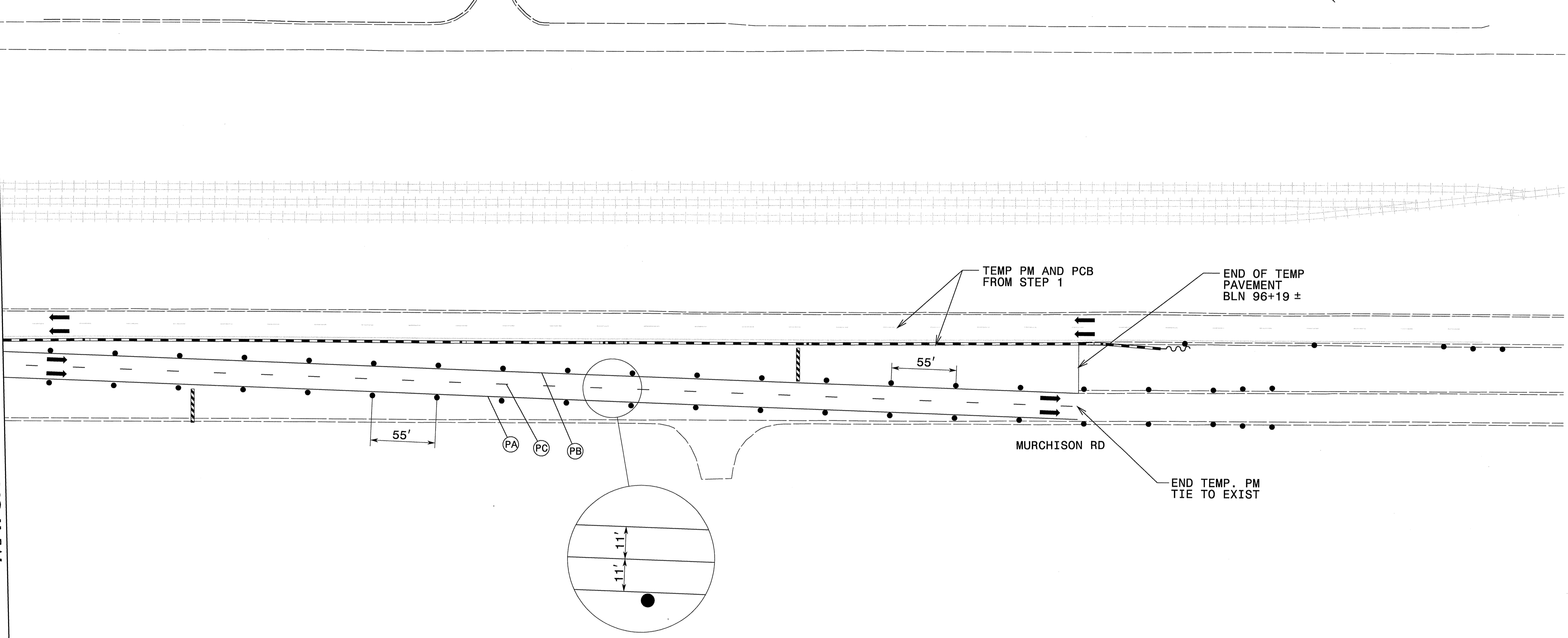
APPROVED: _____ DATE: _____

**PHASE I STEP 2
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		

20-MAY-2009 12:40
\\fsr003\Projects\835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_Phil_STEP2_DSH08.DGN
skben AT WSHAR-KEEN

MATCH TO SHEET TCP-21



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

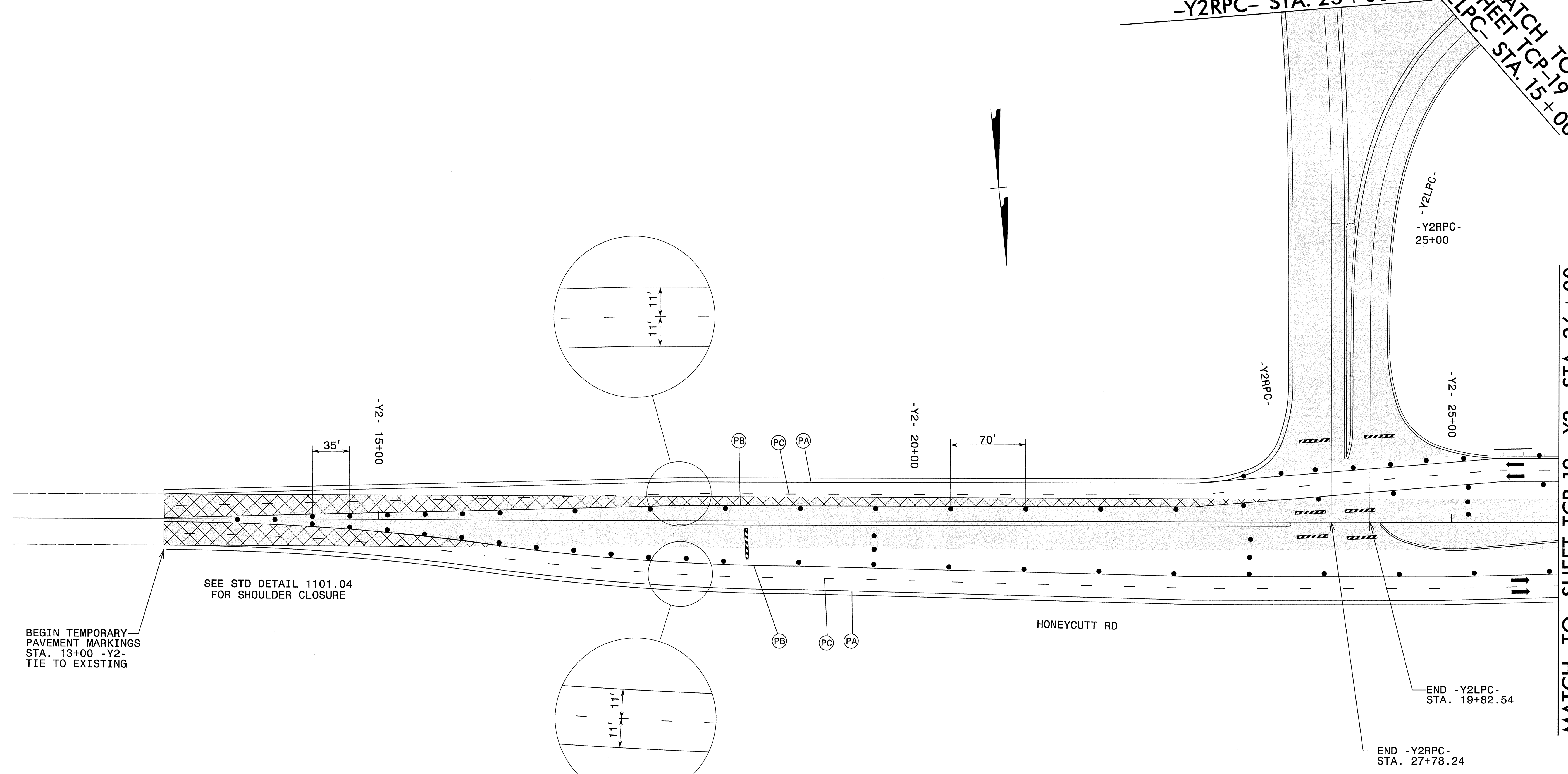
**PHASE I STEP 2
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: SK		
REVIEWED BY: bb		

20-MAY-2009 12:42
\\fs0103\proj\06\lects\B35\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_PHL_STEP2.DSH09.DGN
skenn AT WSHAR-KEEN

MATCH TO SHEET TCP-18
-Y2RPC- STA. 23+00

MATCH TO SHEET TCP-19
-Y2LPC- STA. 15+00



SEE STD DETAIL 1101.04 FOR SHOULDER CLOSURE

BEGIN TEMPORARY PAVEMENT MARKINGS STA. 13+00 -Y2-TIE TO EXISTING

MATCH TO SHEET TCP-19 -Y2- STA. 26+00

NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QJ) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

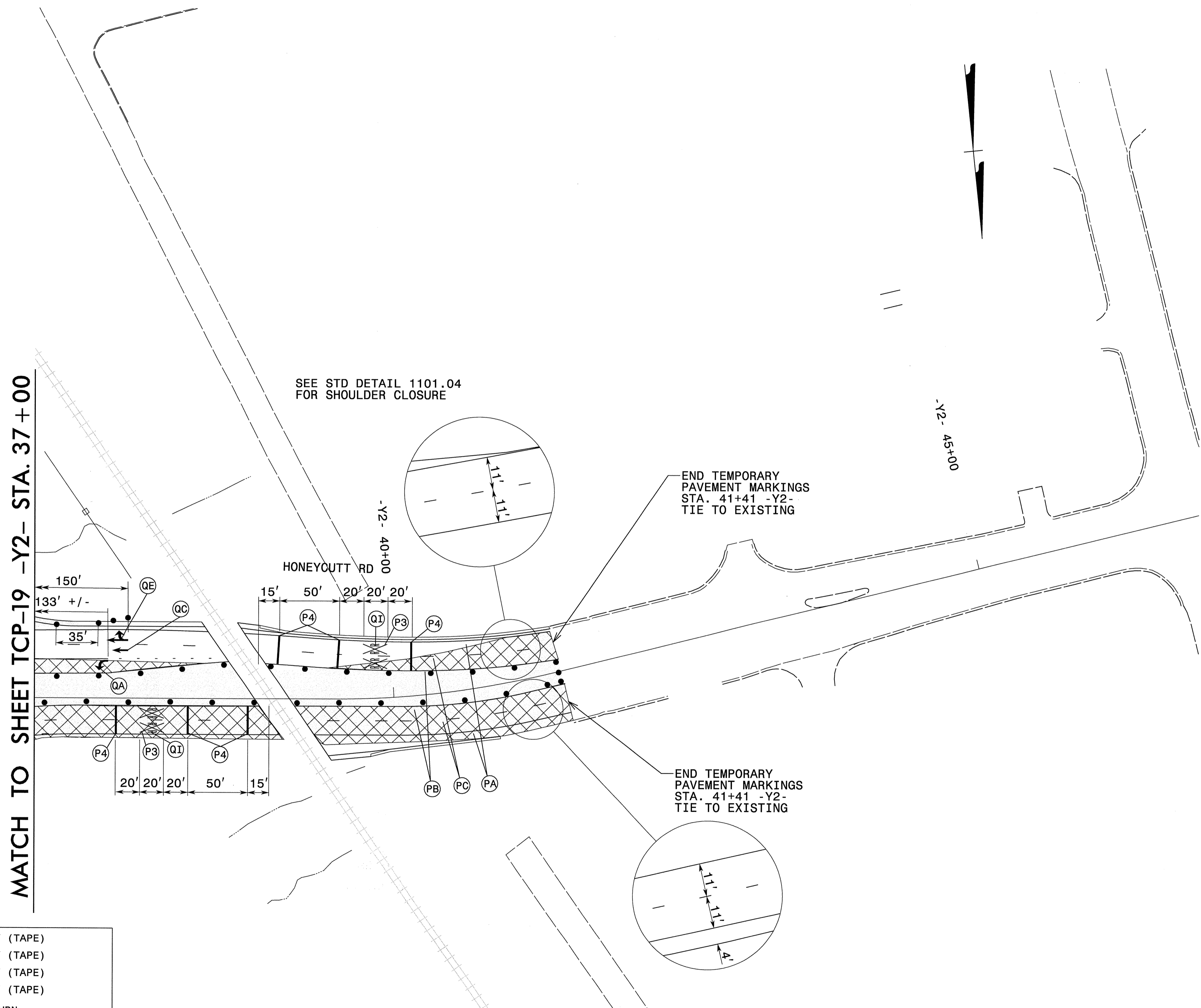
APPROVED: _____ DATE: _____

SEAL

**PHASE I STEP 2
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		CADD FILE

22-JUN-2009 10:06
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 skben AT WSHAR-KEEN



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	ARROW MARKING SYMBOLS
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↕	WHITE STRAIGHT	ARROW MARKING SYMBOL
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	ARROW MARKING SYMBOLS
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	ARROW MARKING SYMBOLS
(PB) YELLOW EDGELINE	4" PAINT	(Q1) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PG) WHITE GORELINE	8" PAINT			
(PH) WHITE LINE (RR)	16" PAINT			
(PI) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

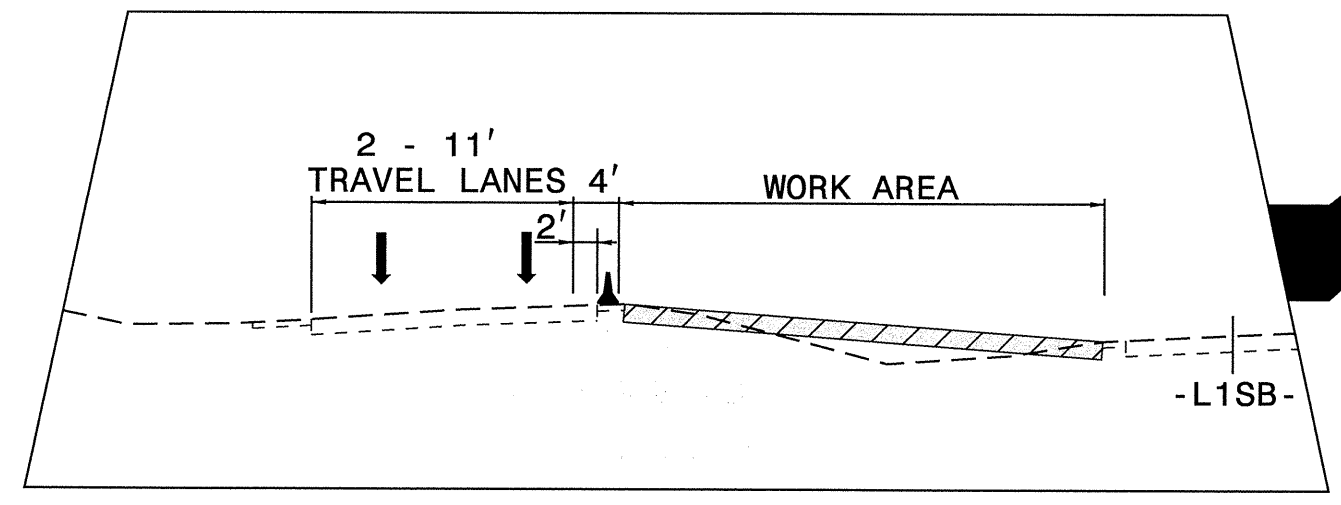
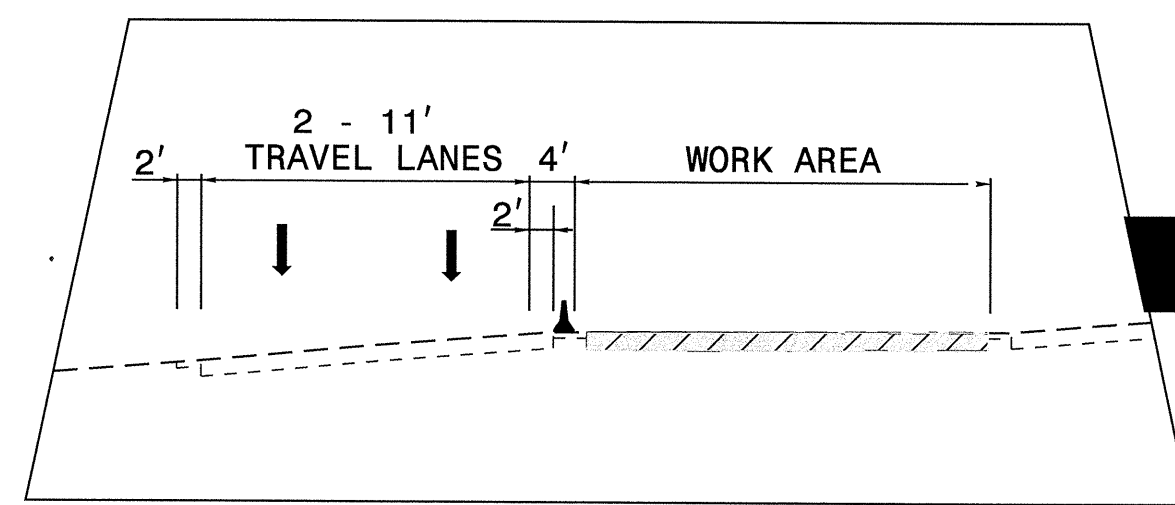
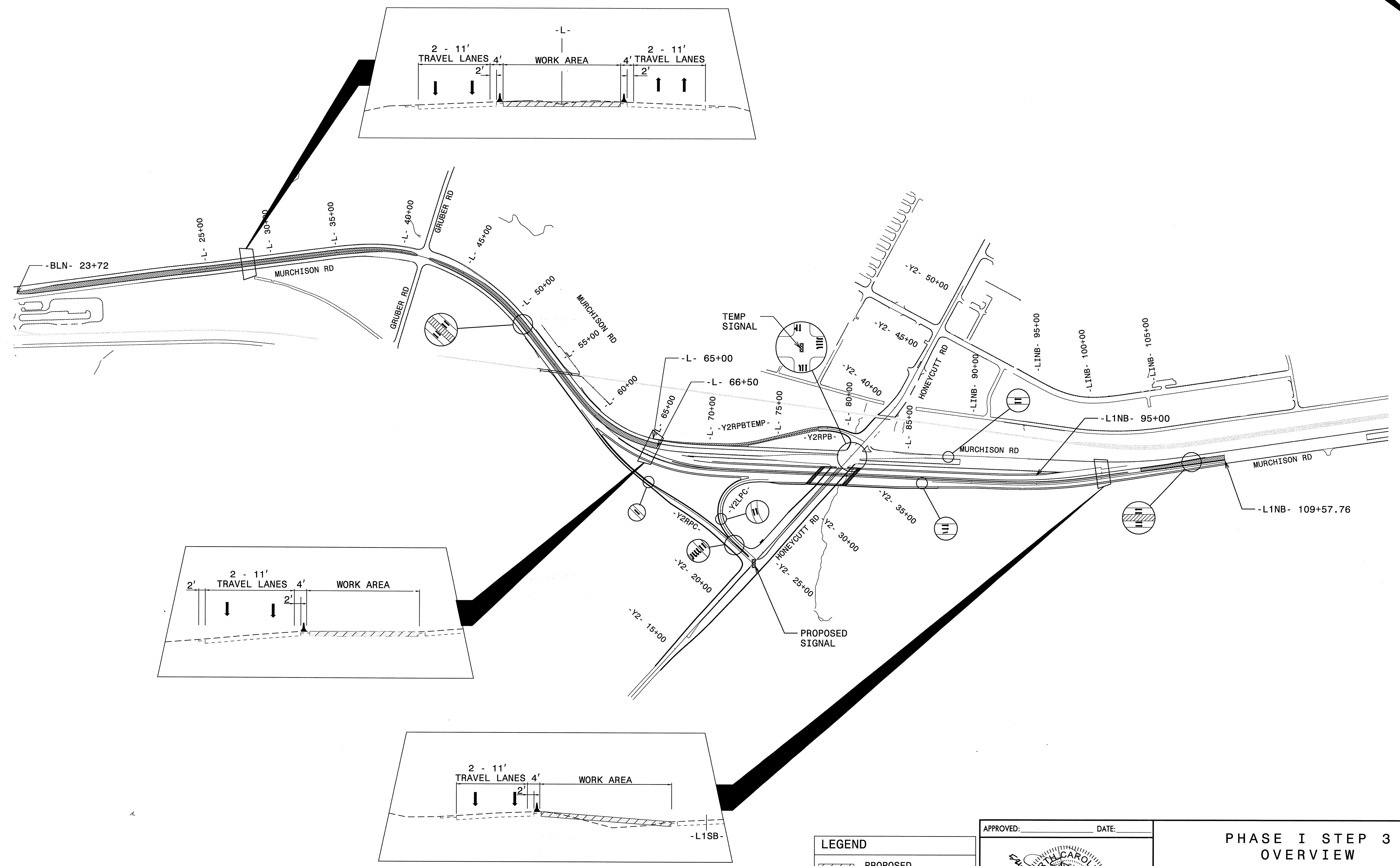
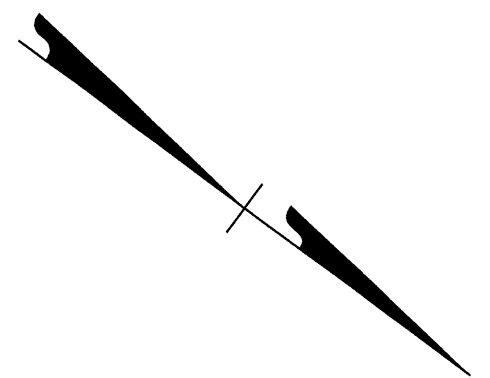
APPROVED: _____ DATE: _____

SEAL

**PHASE I STEP 2
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		

20-MAY-2009 12:44
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 skcen AT WSHAR-KEEN



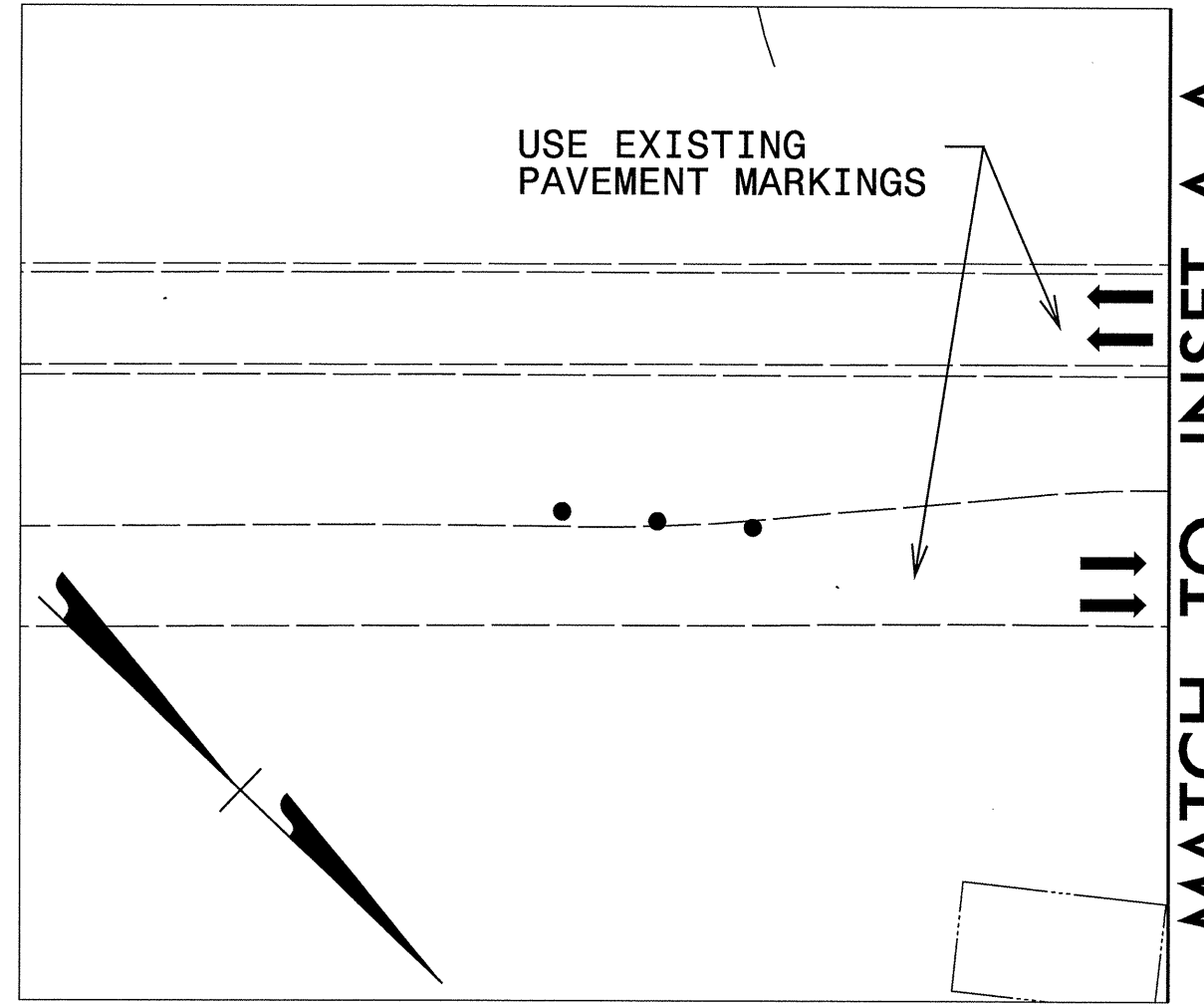
LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

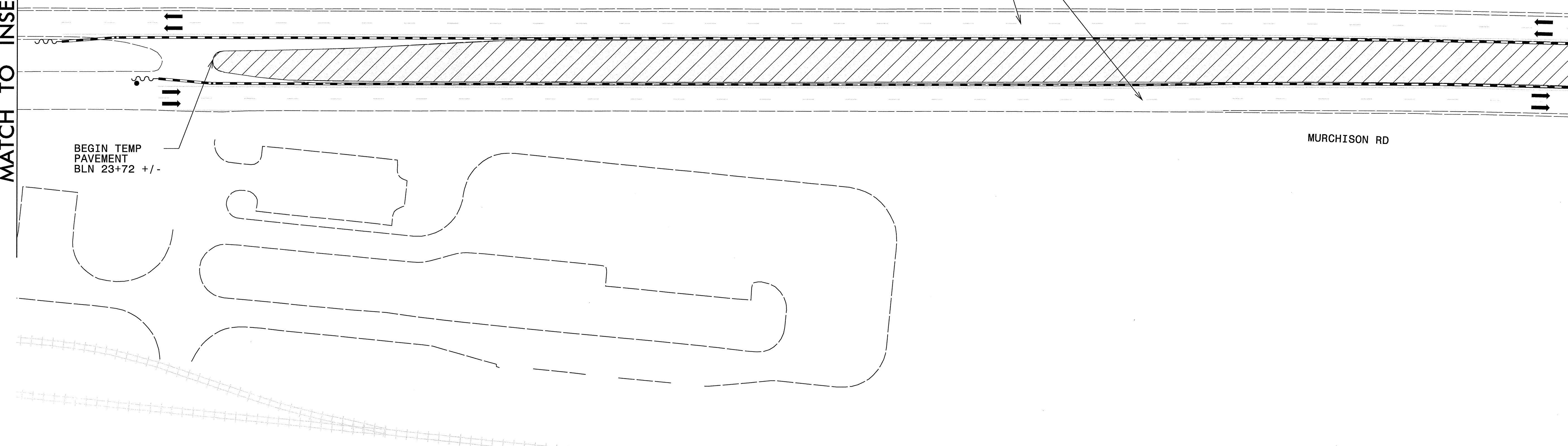
PHASE I STEP 3 OVERVIEW		REVISIONS
SCALE: 1:400	DATE: 05/26/09	
DWG. BY: bb	DESIGN BY: sk	
REVIEWED BY: be		

21-MAY-2009 16:02
 \\Fsral03\Projects\835\Design\U-4444\Roadway\Pro\U-4444AA\TCP\U-4444AA_TCP_PHL_STEP3_OVR.dgn
 skcen AT WSHAR-KEEN



MATCH TO INSET A-A

MATCH TO SHEET TCP-27 -L- STA. 23+00



TEMP PM & PCB FROM STEP 2

BEGIN TEMP PAVEMENT BLN 23+72 +/-

MURCHISON RD

NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" PAINT	(QC) ↕	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PG) WHITE GORELINE	8" PAINT			
(PH) WHITE LINE (RR)	16" PAINT			
(PI) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

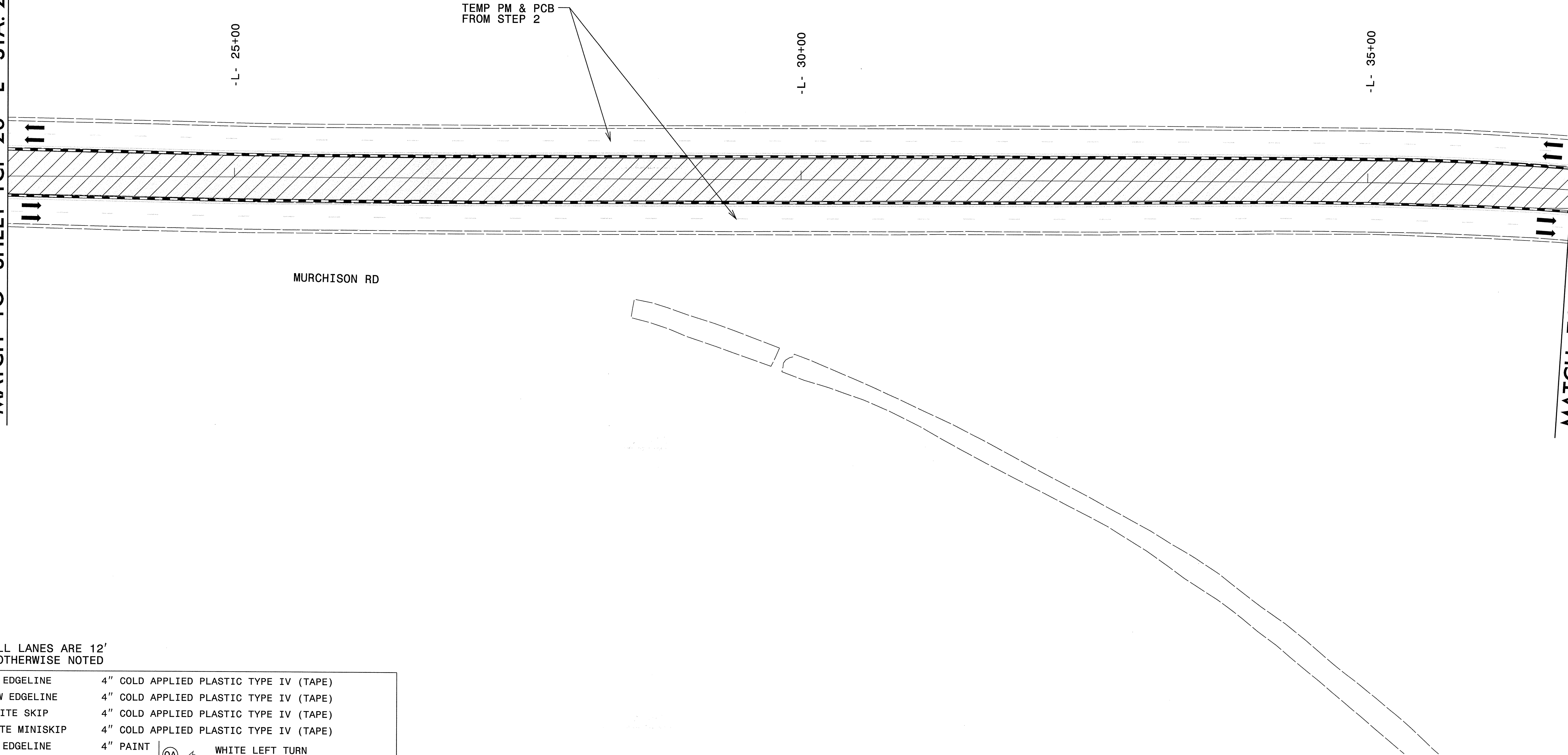
**PHASE I STEP 3
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: SK		
REVIEWED BY: bb		

21-MAY-2009 16:04 \\fsrl03\Projects\835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA.TCP_PHL.STEP3.DSH01.dgn
SKEN AT WSHAP-KEEN

MATCH TO SHEET TCP-26 -L- STA. 23+00

MATCH TO SHEET TCP-28 -L- STA. 36+80



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(PA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS PAINT
(PC) 10' WHITE SKIP	4" PAINT	(QC) ↵	WHITE STRAIGHT ARROW MARKING SYMBOL PAINT
(PD) 2' WHITE MINISKIP	4" PAINT	(QD) ↶↷	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS PAINT
(PE) WHITE SOLID LANE LINE	4" PAINT	(QE) ↷↶	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS PAINT
(PI) YELLOW DOUBLE CENTER	4" PAINT	(QI) R ONLY	WHITE CHARACTERS PAINT
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE I STEP 3
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		CADD FILE

21-MAY-2009 16:04 \\Fsral03\Projects\1835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_PHL_STEP3_DSH02.dgn
skreen AT WSHAR-KEEN

MATCH TO SHEET TCP-27 -L- STA. 36+80

-L- 40+00

GRUBER RD

TEMP PM & PCB FROM PHASE I STEP 2

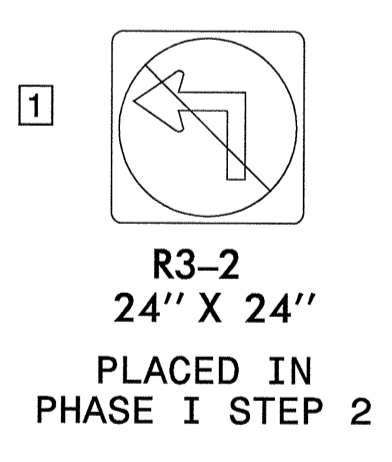
-L- 45+00

ACCESS THROUGH TEMPORARY BARRIER SEE STD. 1101.05

MURCHISON RD

GRUBER RD

MATCH TO SHEET TCP-29 -L- STA. 48+20



NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↙	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↘	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) →	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↙	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↘	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

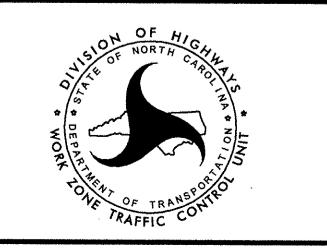
LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

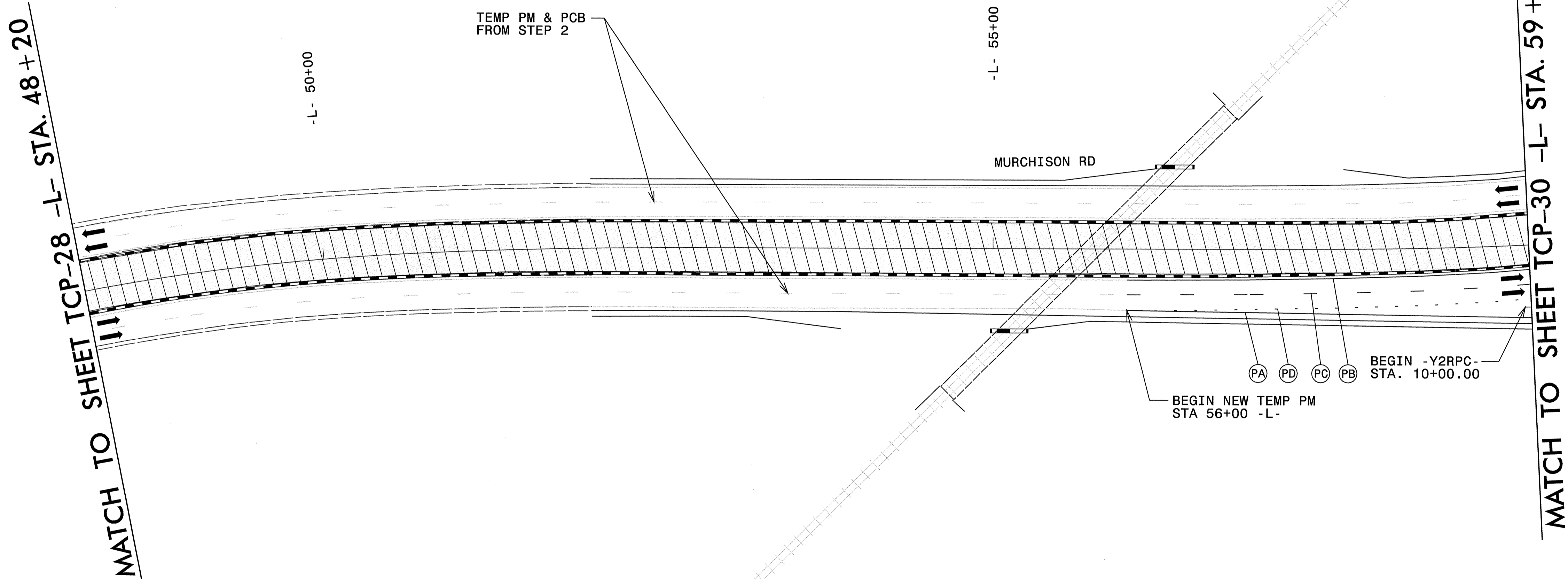
PHASE I STEP 3
DETAIL

SCALE:	1:50
DATE:	05/26/09
DWG. BY:	bb
DESIGN BY:	sk
REVIEWED BY:	be



REVISIONS	

21-MAY-2009 16:05
 \\Fsral03\Projects\1835\Design\U-4444\Roadway\Pro\U-4444AA\TCP\U-4444AA_TCP_PHI_STEP3_DSH03.dgn
 skeen AT WSHAR-KEE



21-MAY-2009 16:06
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 AT WSHAR-KEEN

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↙	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↘	ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) →	WHITE RIGHT TURN	
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↗	ARROW MARKING SYMBOLS	PAINT
(FA) WHITE EDGELINE	4" PAINT	(QE) →	WHITE STRAIGHT	
(FB) YELLOW EDGELINE	4" PAINT	(QF) ↗	ARROW MARKING SYMBOL	PAINT
(FC) 10' WHITE SKIP	4" PAINT	(QG) ↘	WHITE LEFT/STRAIGHT	
(FD) 2' WHITE MINISKIP	4" PAINT	(QH) ↘	ARROW MARKING SYMBOLS	PAINT
(FE) WHITE SOLID LANE LINE	4" PAINT	(QI) R ONLY	WHITE RIGHT/STRAIGHT	
(FI) YELLOW DOUBLE CENTER	4" PAINT		ARROW MARKING SYMBOLS	PAINT
(FR) WHITE GORELINE	8" PAINT		WHITE RIGHT/STRAIGHT	
(P3) WHITE LINE (RR)	16" PAINT		ARROW MARKING SYMBOLS	PAINT
(P4) WHITE STOP BAR	24" PAINT		WHITE CHARACTERS	PAINT

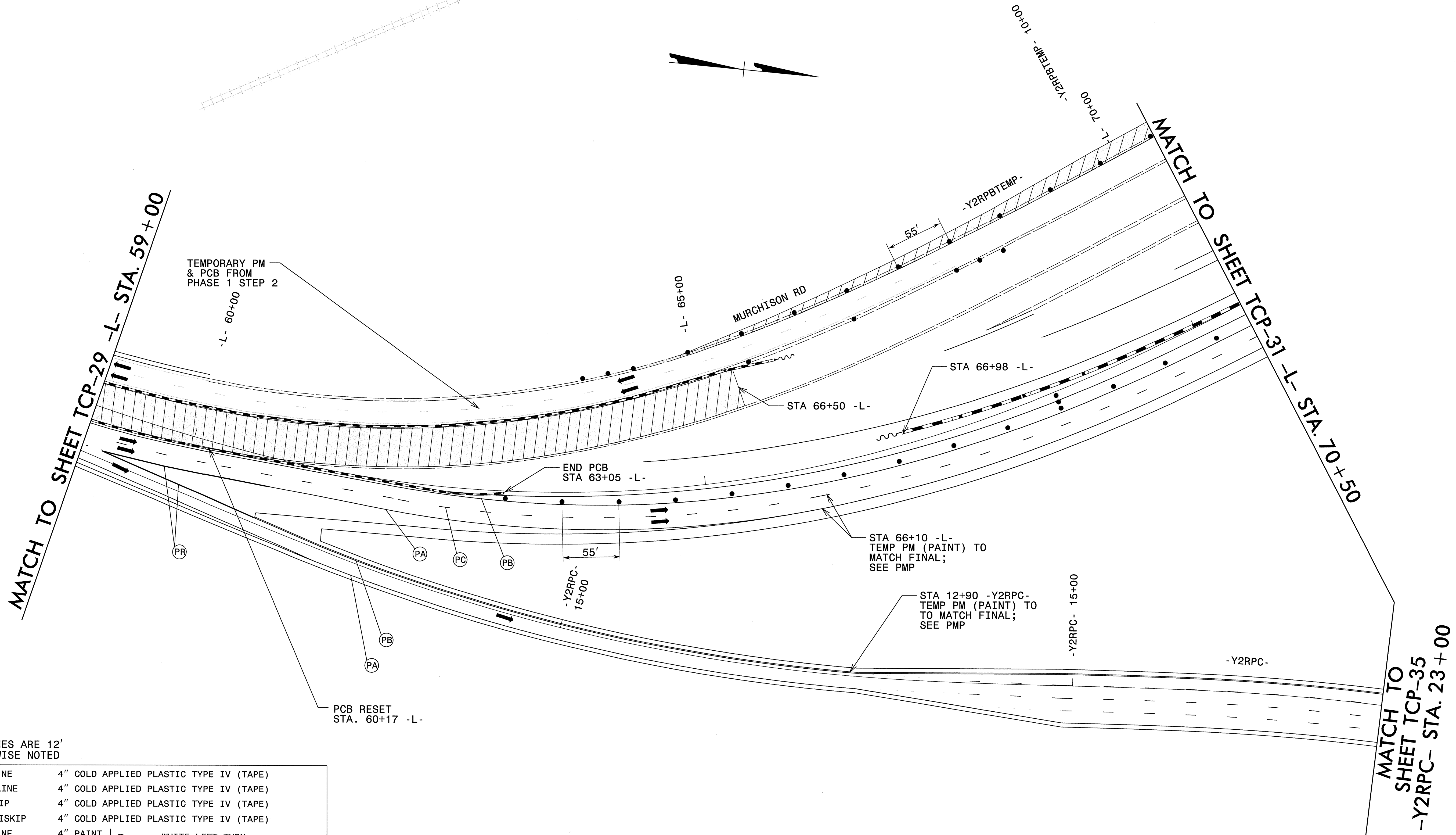
LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE I STEP 3
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: db		



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	PAIN
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAIN
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↵	WHITE STRAIGHT	PAIN
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAIN
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAIN
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAIN
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(P1) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

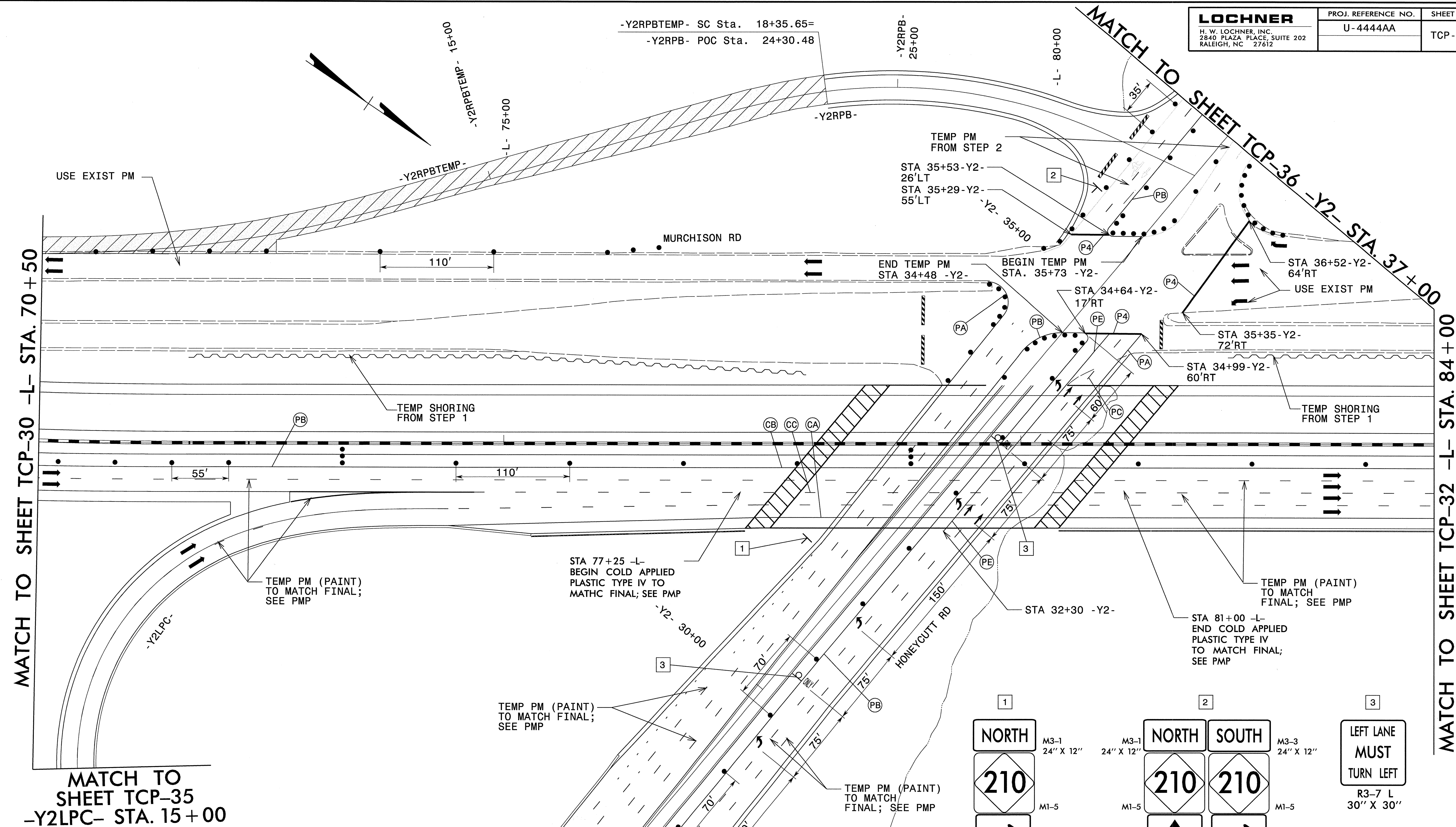
SEAL

**PHASE I STEP 3
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		

CADD FILE

21-MAY-2009 16:07
 \\Fsral03\Projects\1835\Design\U-4444\Roadway\Pro\U-4444AA\TCP\U-4444AA_TCP_P1_STEP3_DS05.dgn
 skreen AT WSHAR-KEEN



MATCH TO SHEET TCP-30 -L- STA. 70+50

MATCH TO SHEET TCP-35
-Y2LPC- STA. 15+00

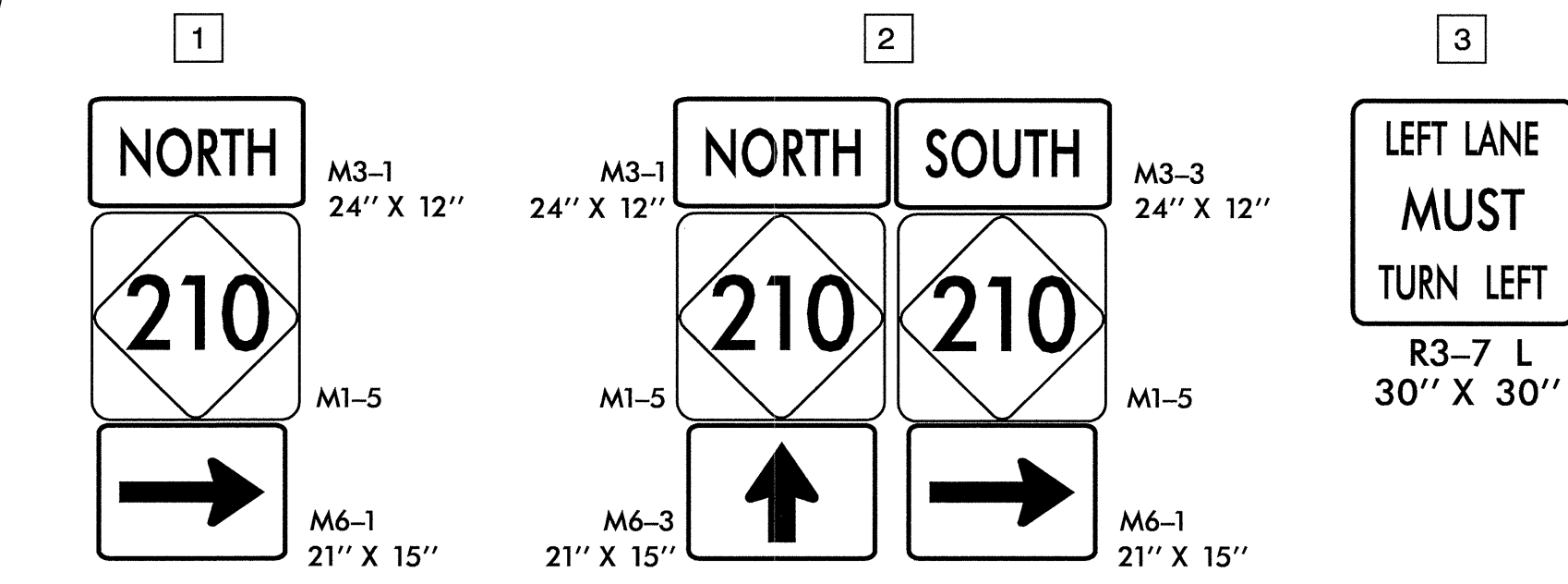
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MATCH TO SHEET TCP-36 -Y2- STA. 37+00

MATCH TO SHEET TCP-35
-Y2- STA. 26+00

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

CA	WHITE EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CB	YELLOW EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CC	10' WHITE SKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CD	2' WHITE MINISKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
PA	WHITE EDGELINE	4"	PAINT
PB	YELLOW EDGELINE	4"	PAINT
PC	10' WHITE SKIP	4"	PAINT
PD	2' WHITE MINISKIP	4"	PAINT
PE	WHITE SOLID LANE LINE	4"	PAINT
PI	YELLOW DOUBLE CENTER	4"	PAINT
PR	WHITE GORELINE	8"	PAINT
PS	WHITE LINE (RR)	16"	PAINT
PT	WHITE STOP BAR	24"	PAINT
QA	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT	
QB	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT	
QC	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT	
QD	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT	
QE	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT	
QI	R ONLY WHITE CHARACTERS	PAINT	



LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

STATE OF NORTH CAROLINA
 ENGINEER
 SUSAN HADLEY KEENE
 034054

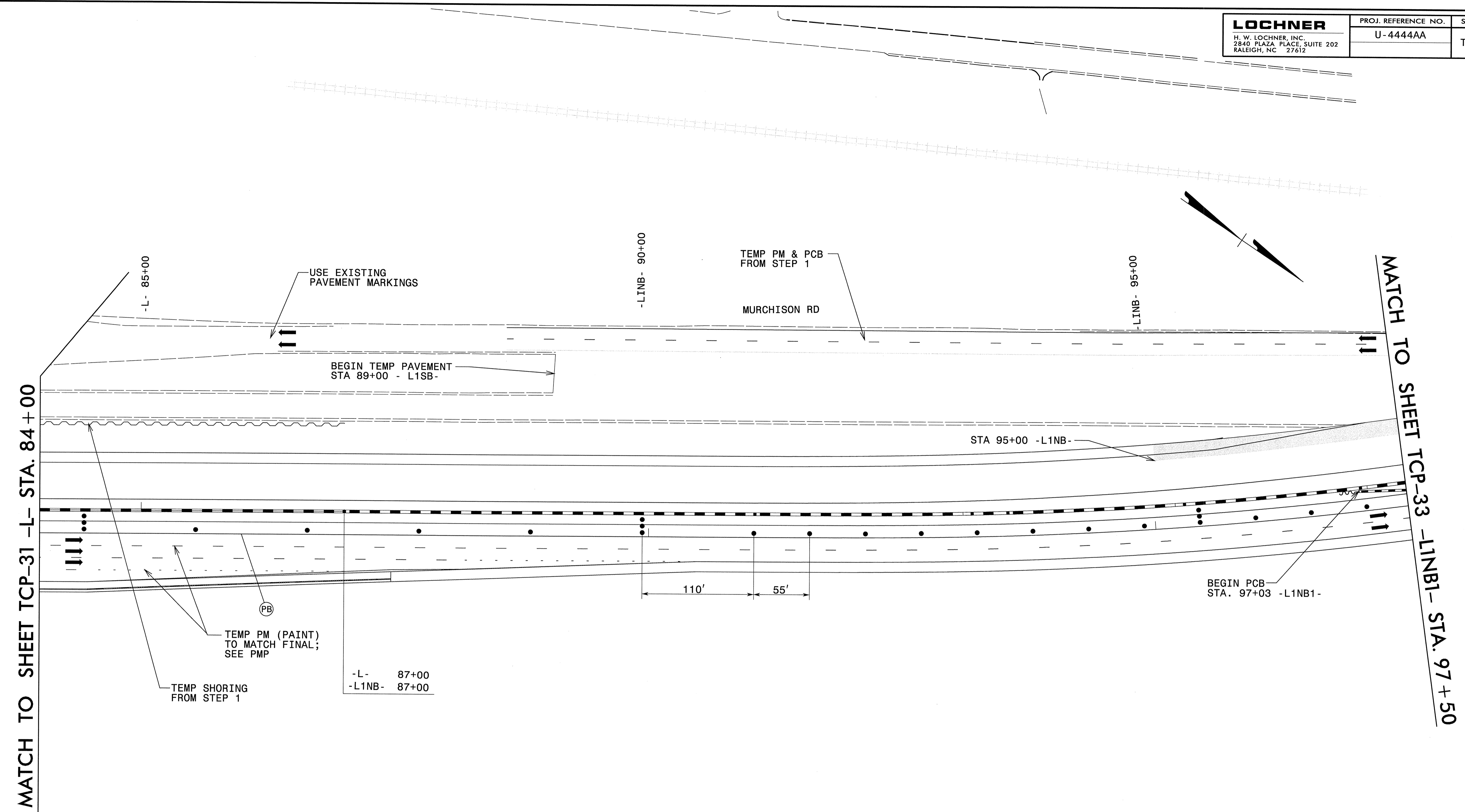
**PHASE I STEP 3
DETAIL**

SCALE: 1:50
 DATE: 05/26/09
 DWG. BY: bb
 DESIGN BY: sk
 REVIEWED BY: bb

REVISIONS

CADD FILE

21-MAY-2009 16:08 \\fsrl03\Projects\835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_PHL_STEP3_DSH06.dgn
 skeen AT WSHAR-KEEN



26-MAY-2009 08:04
 \\Fsral03\Projects\1835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_PHL_STEP3_DSH07.dgn
 skreen AT WSHAR-KEEN

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↵	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶↷	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷↶	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

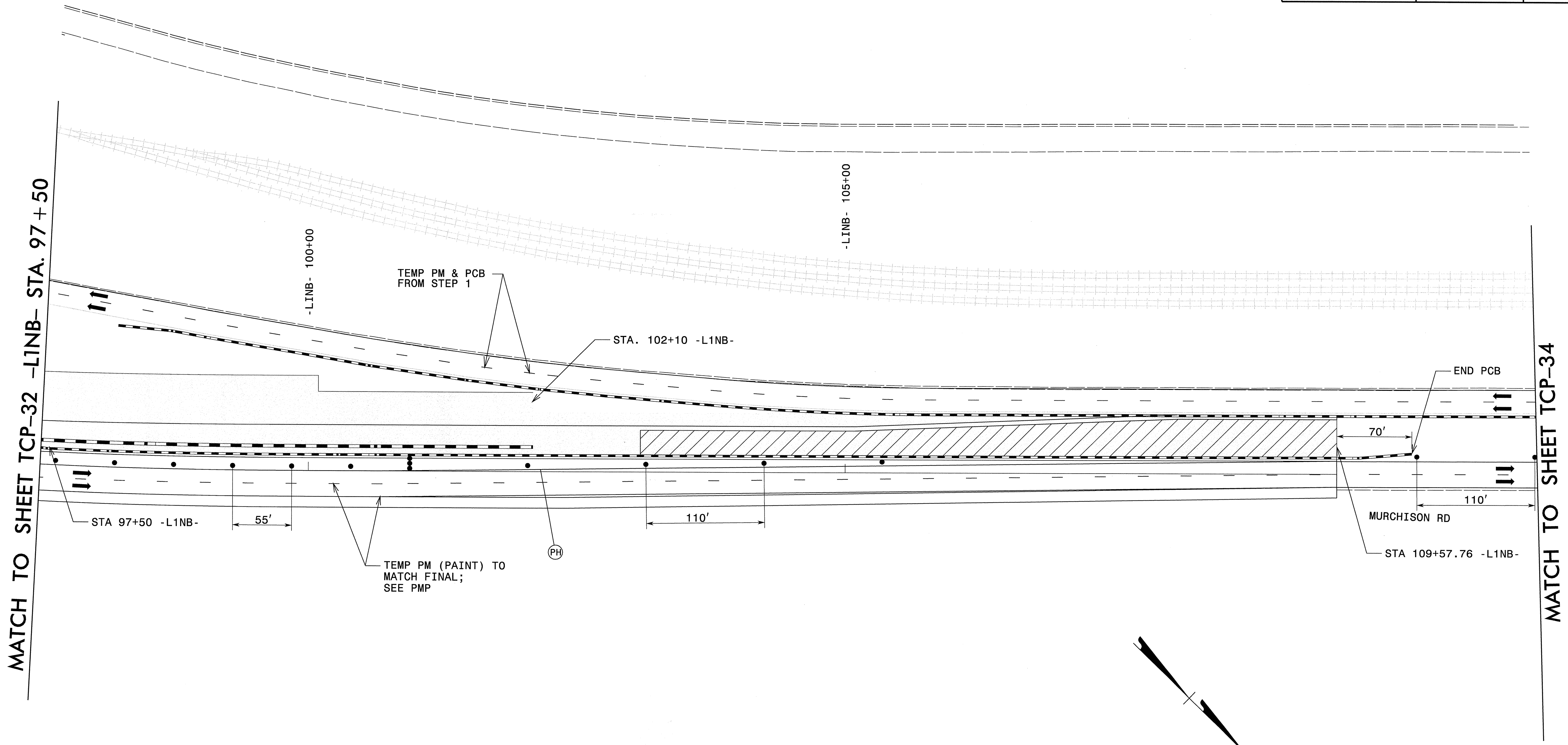
LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE I STEP 3
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DESIGN BY: sk		
REVIEWED BY: db		



MATCH TO SHEET TCP-32 -LINB- STA. 97 + 50

MATCH TO SHEET TCP-34

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	PAIN
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAIN
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↶	WHITE STRAIGHT	PAIN
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↷	WHITE LEFT/STRAIGHT	PAIN
(PA) WHITE EDGELINE	4" PAINT	(QE) ↶	WHITE RIGHT/STRAIGHT	PAIN
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAIN
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PG) WHITE GORELINE	8" PAINT			
(PH) WHITE LINE (RR)	16" PAINT			
(PJ) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

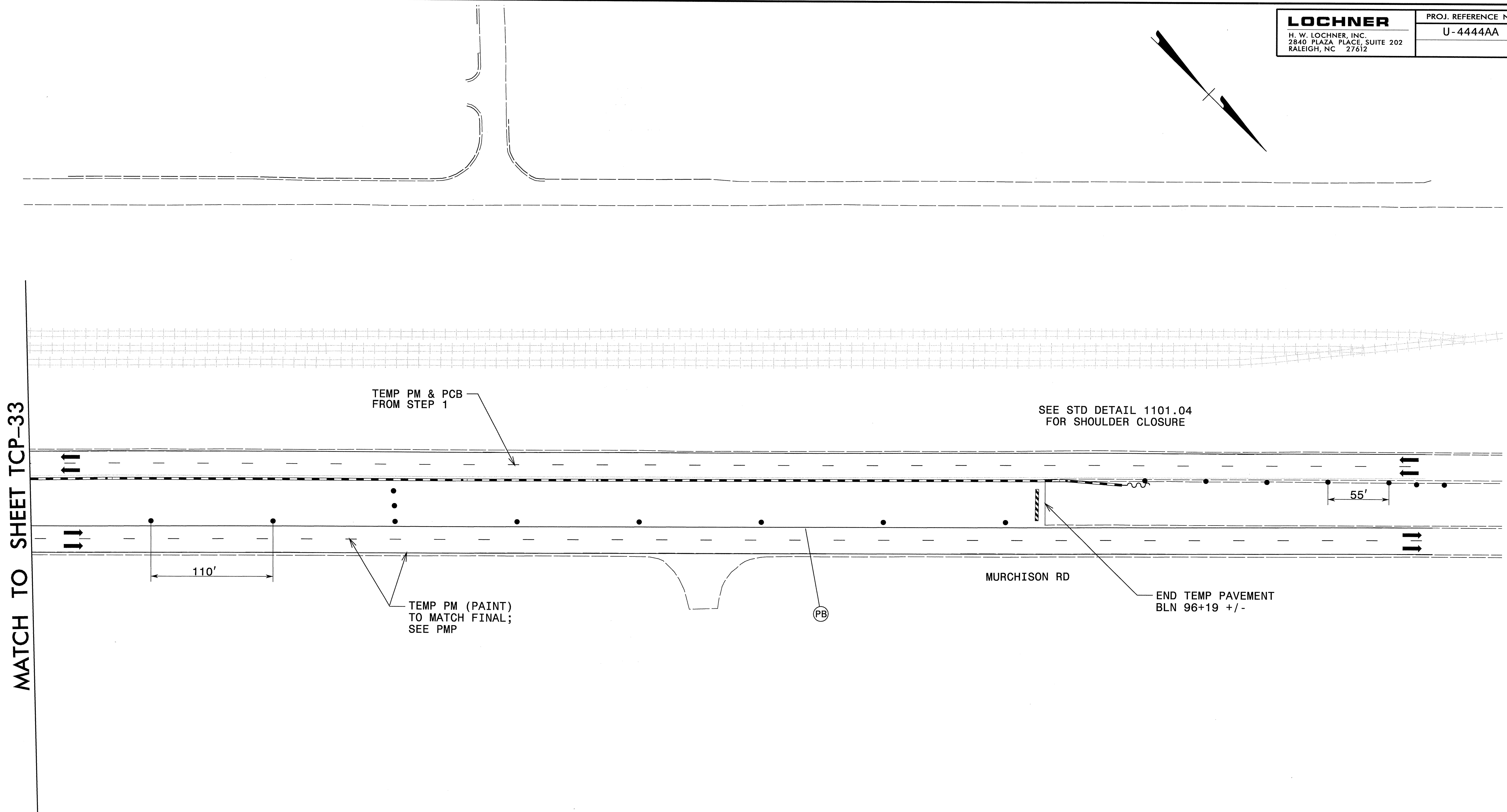
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**PHASE I STEP 3
DETAIL**

SCALE: 1:400		REVISIONS
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DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: db		

CADD FILE

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skreen AT WSHAR-KEEN



MATCH TO SHEET TCP-33

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" PAINT	(QC) ↕	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) ↶	WHITE LEFT/STRAIGHT	PAINT
(PE) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PT) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(PS) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

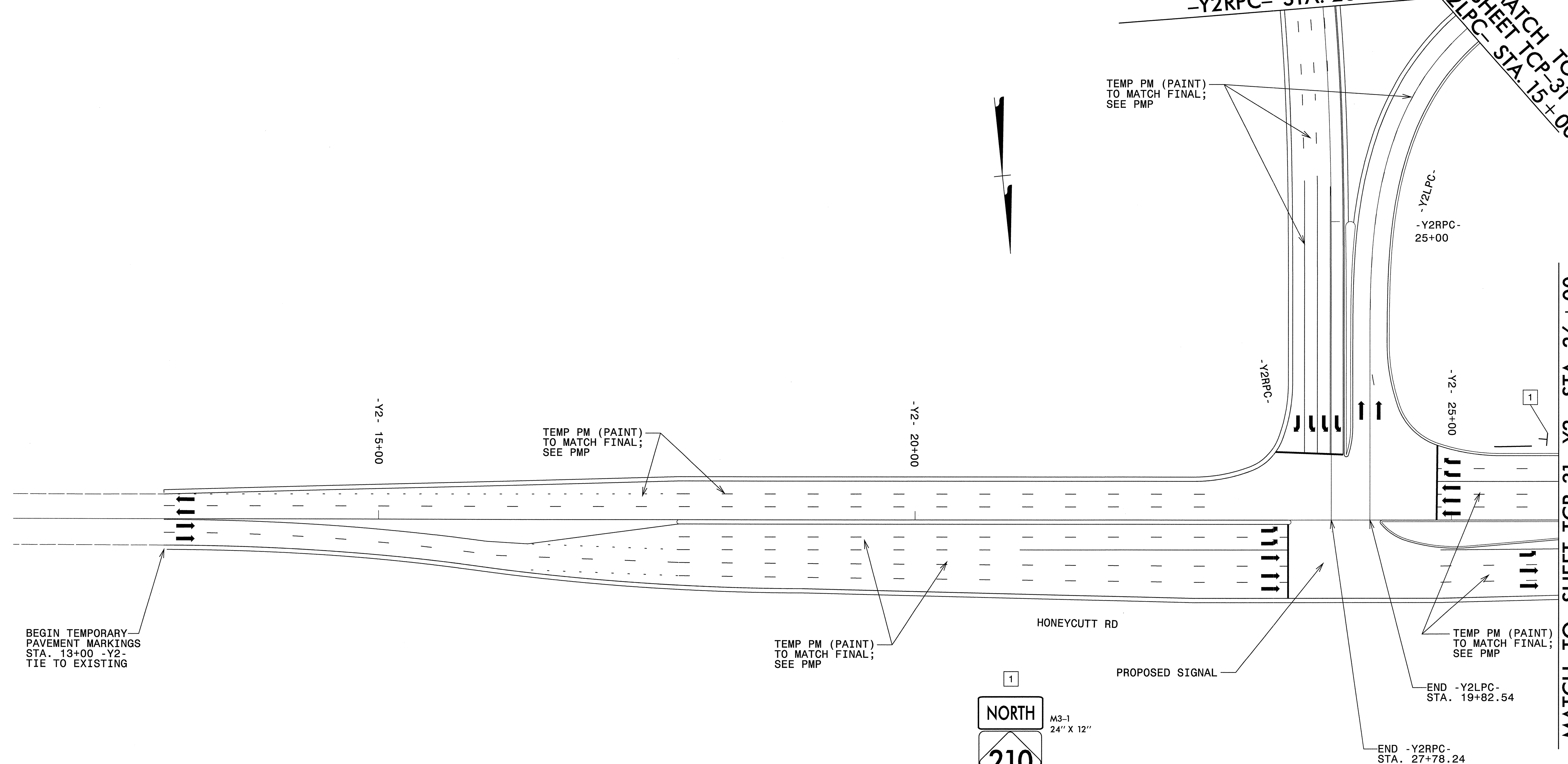
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DWG. BY: bb									
DESIGN BY: sk									
REVIEWED BY: be									

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skreen AT WSHAR-KEEN

MATCH TO SHEET TCP-30
-Y2RPC- STA. 23+00

MATCH TO SHEET TCP-31
-Y2LPC- STA. 15+00



BEGIN TEMPORARY PAVEMENT MARKINGS STA. 13+00 -Y2-TIE TO EXISTING

TEMP PM (PAINT) TO MATCH FINAL; SEE PMP

TEMP PM (PAINT) TO MATCH FINAL; SEE PMP

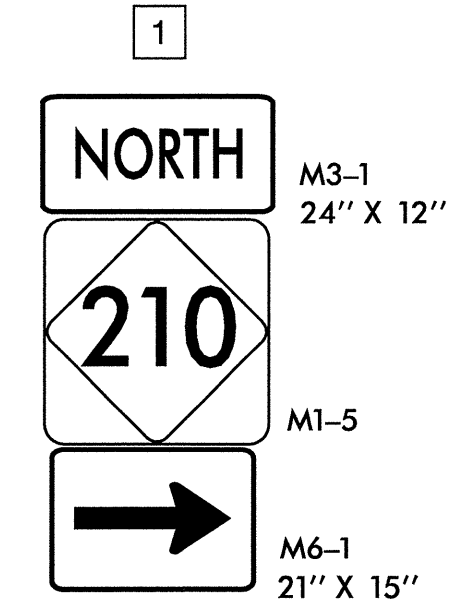
TEMP PM (PAINT) TO MATCH FINAL; SEE PMP

END -Y2LPC- STA. 19+82.54

END -Y2RPC- STA. 27+78.24

HONEYCUTT RD

PROPOSED SIGNAL



INSTALL TEMP SIGN OR SEE SIGNING PLANS FOR PROPOSED SIGNS

NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

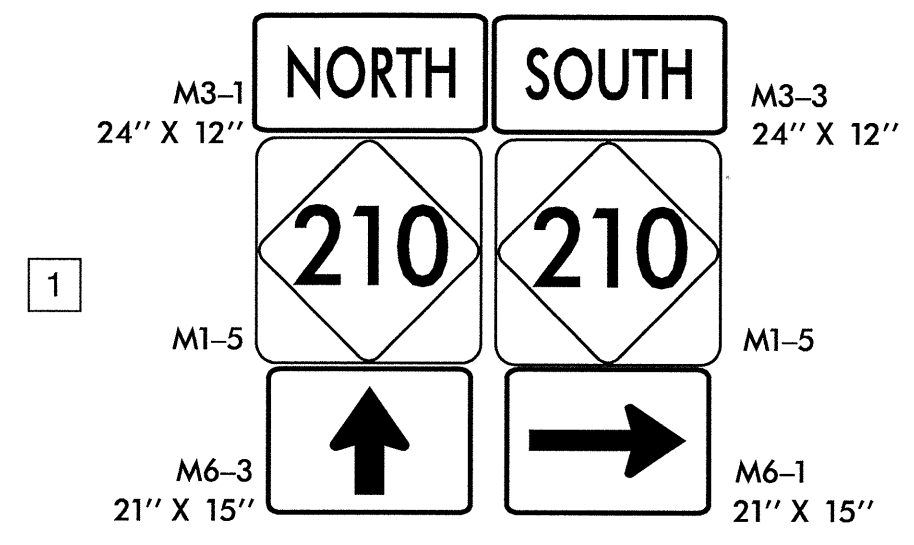
(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(CA) WHITE EDGELINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT		
(PD) 2' WHITE MINISKIP	4" PAINT		
(PE) WHITE SOLID LANE LINE	4" PAINT		
(PJ) YELLOW DOUBLE CENTER	4" PAINT		
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

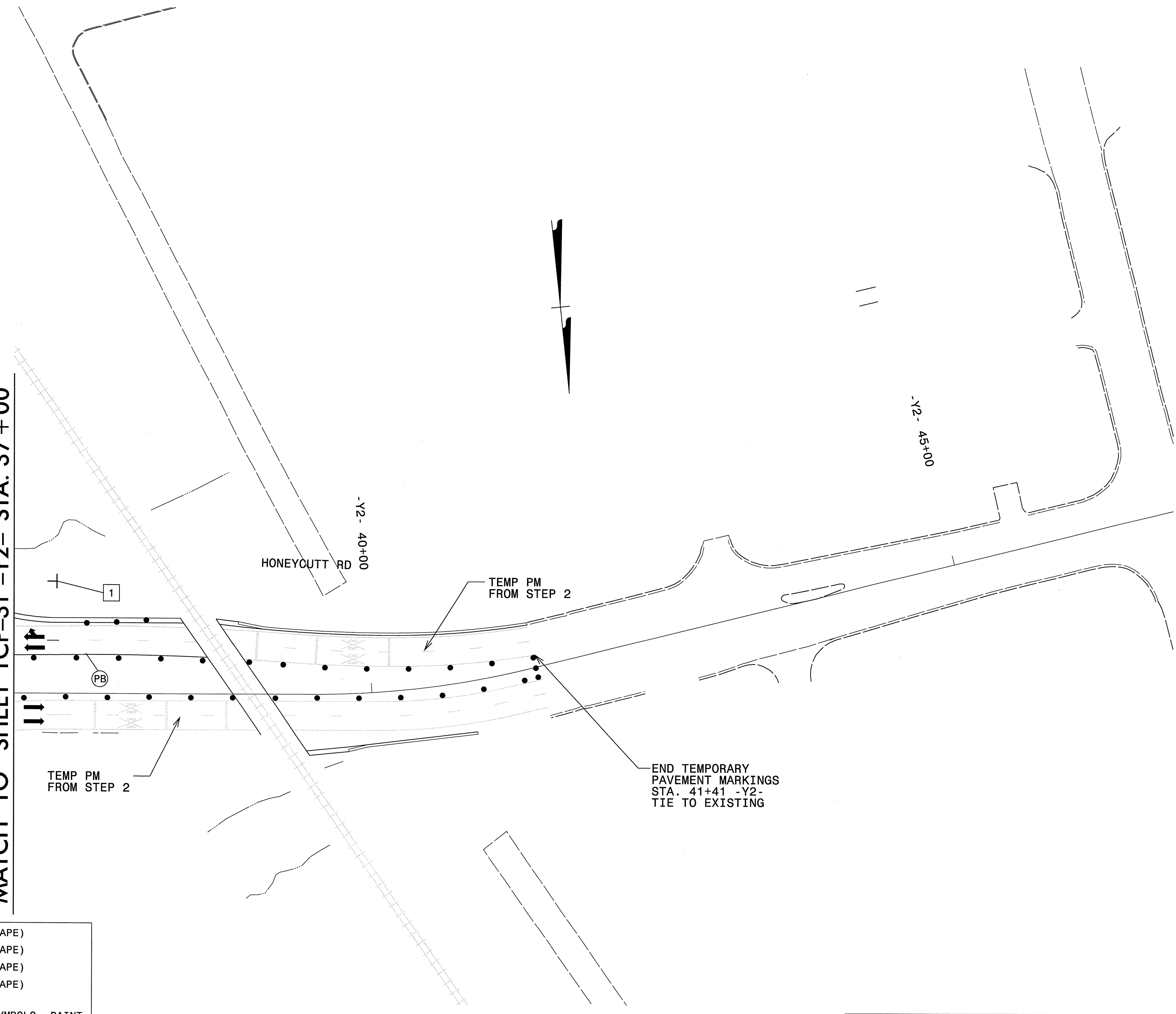
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REVISIONS									

22-JUN-2009 10:08
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 skeen AT WSHAR-KEEN

MATCH TO SHEET TCP-31 -Y2- STA. 26+00



MATCH TO SHEET TCP-31 -Y2- STA. 37+00



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	PAIN
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAIN
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↕	WHITE STRAIGHT	PAIN
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAIN
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAIN
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAIN
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

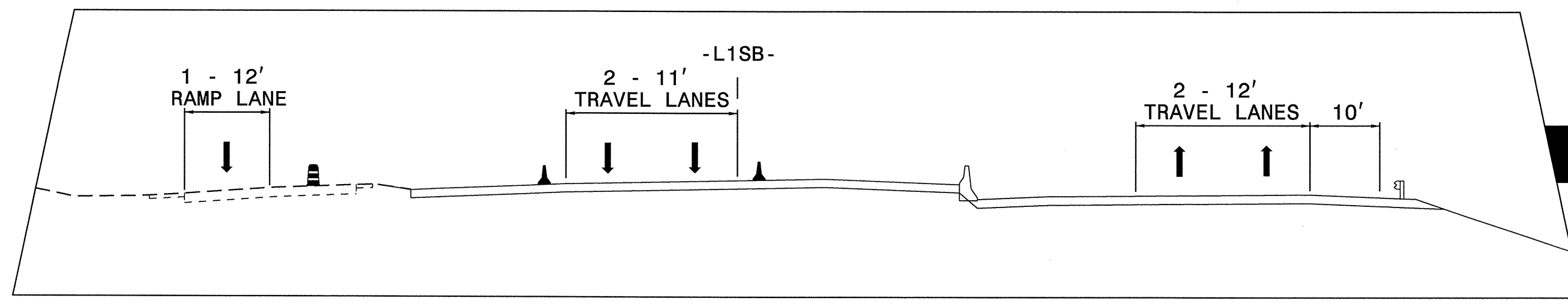
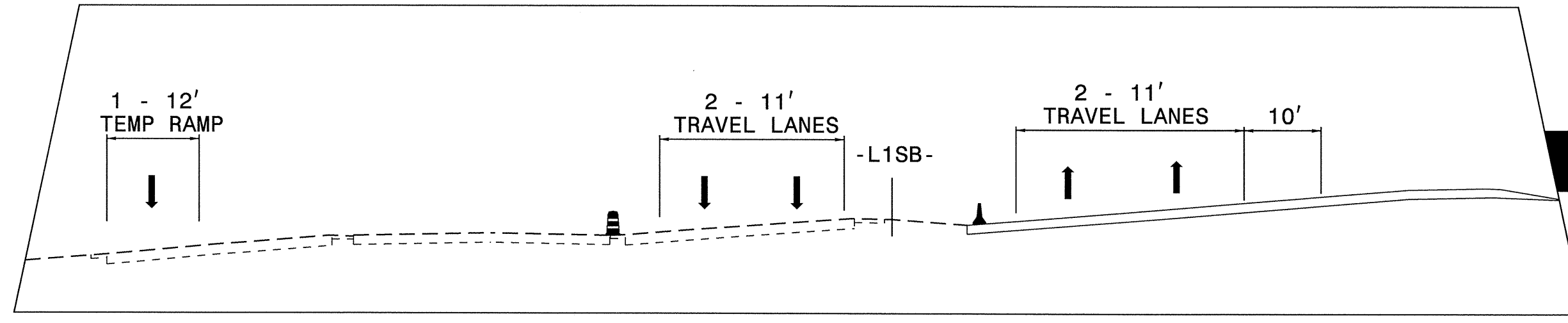
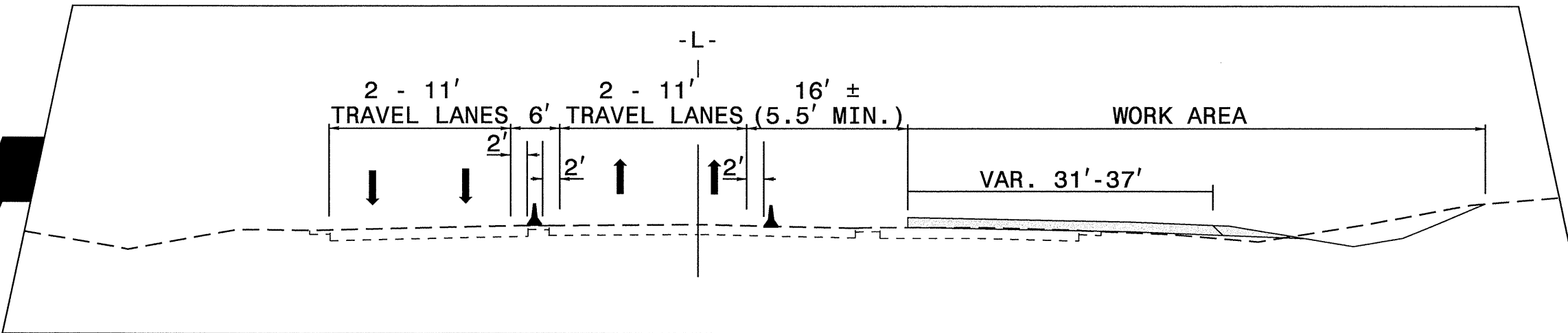
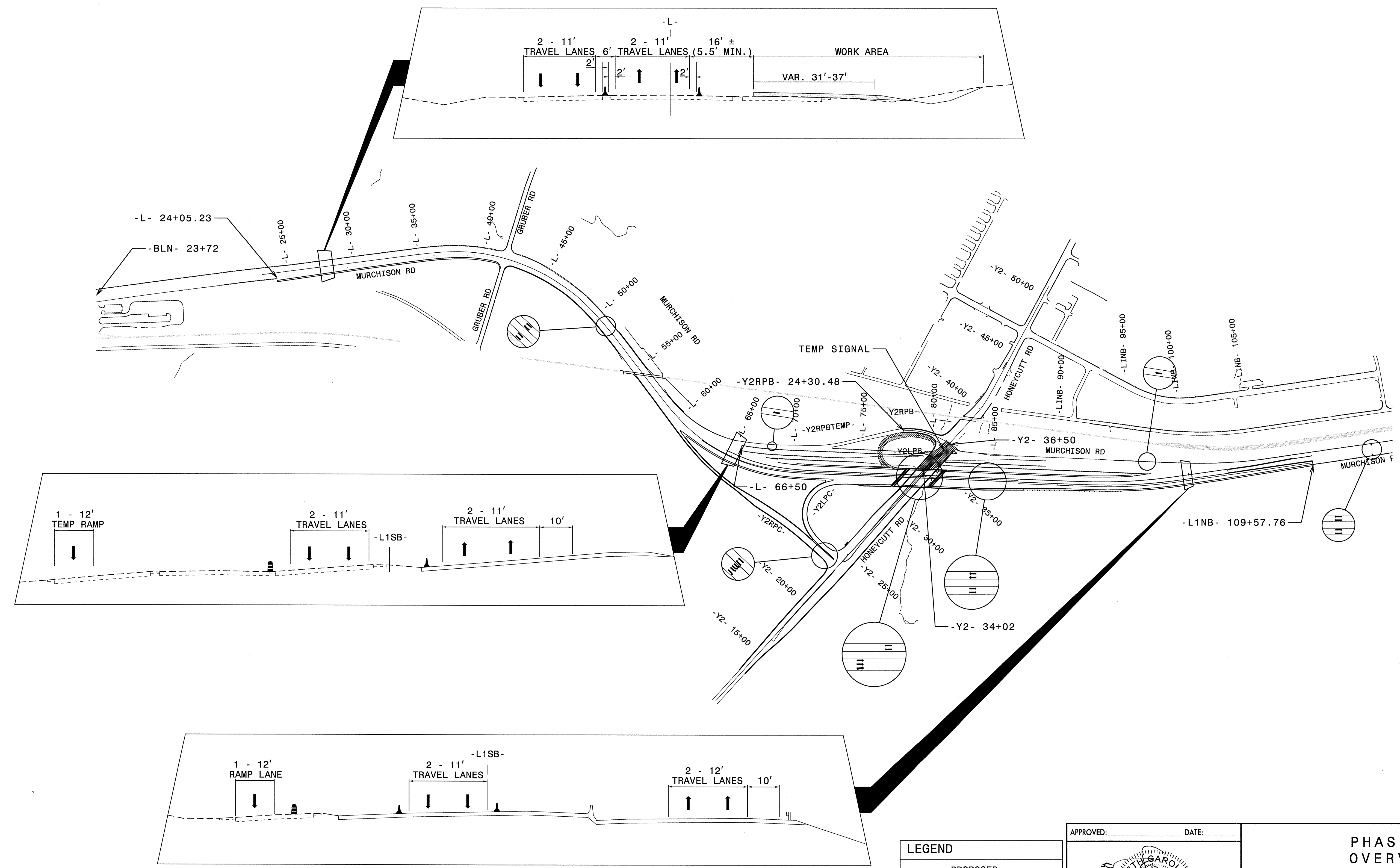
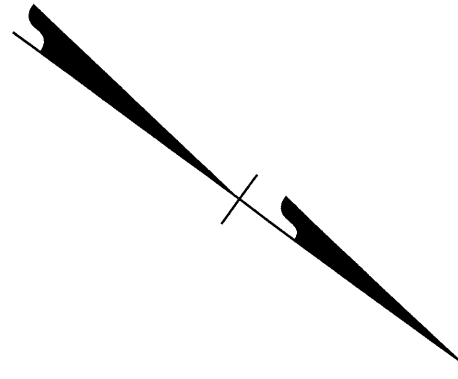
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SEAL

**PHASE I STEP 3
DETAIL**

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DESIGN BY: sk		
REVIEWED BY: be		

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skreen AT WSHAR-KEEN



LEGEND

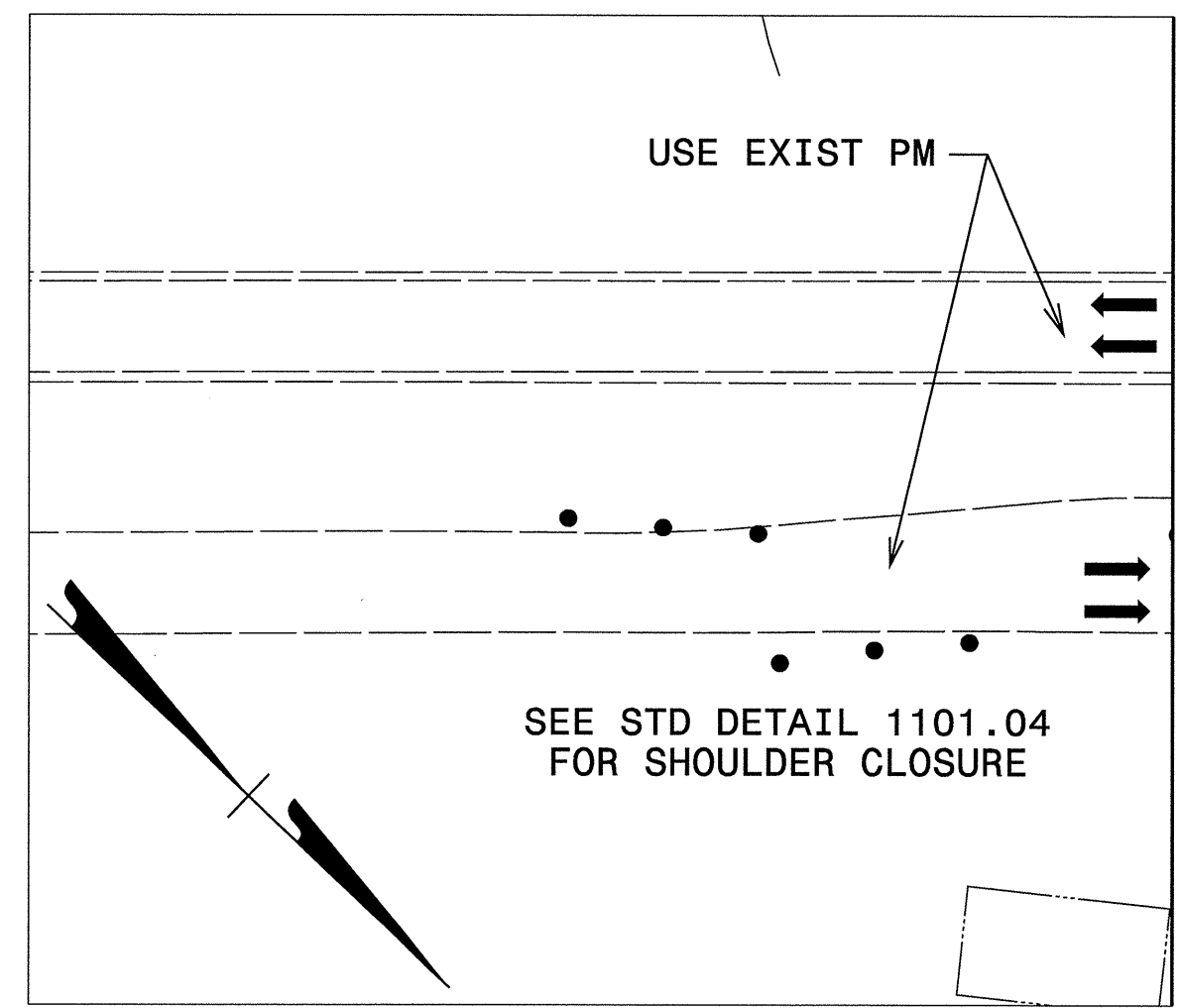
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	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

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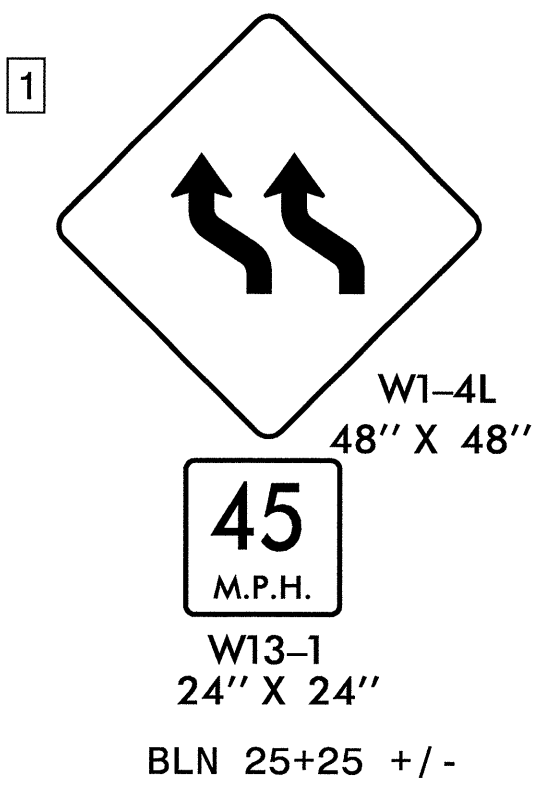
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OVERVIEW**

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REVISIONS										
DATE: 05/26/09										
DWG. BY: bb										
DESIGN BY: sk										
REVIEWED BY: bb	CADD FILE									

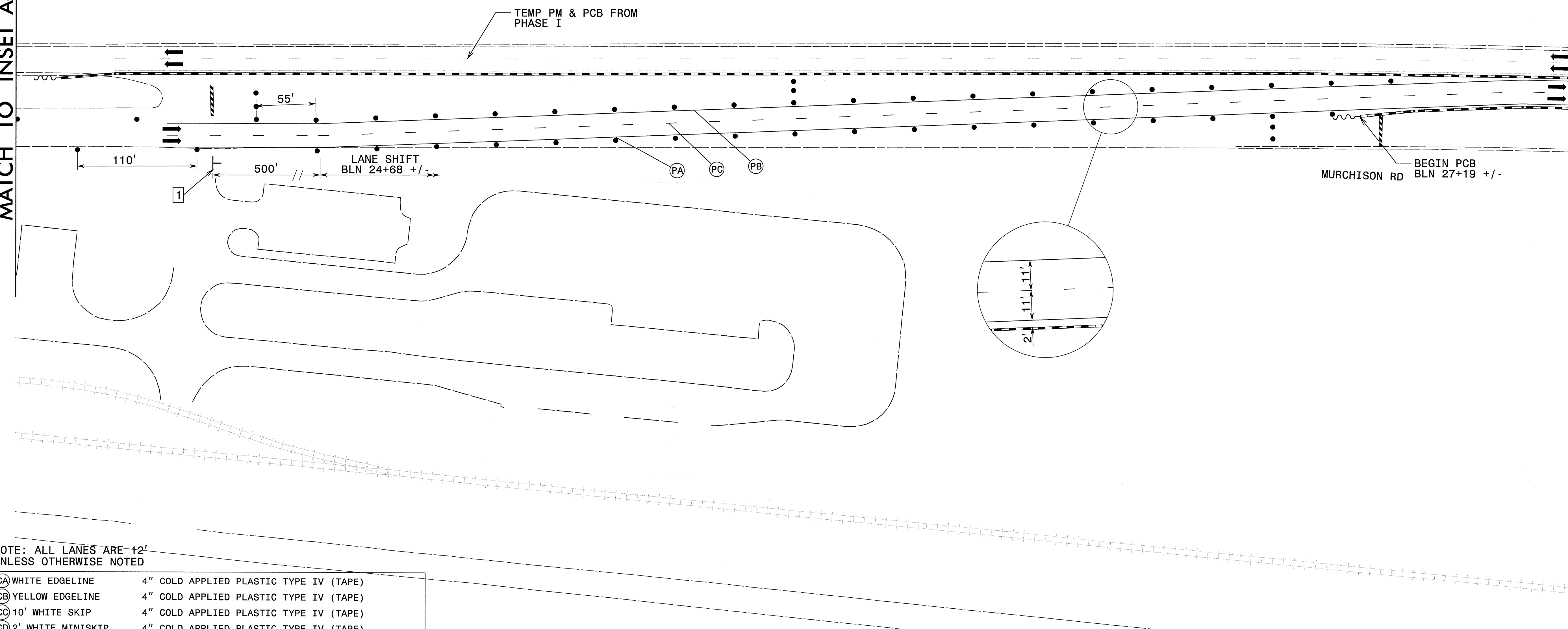
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 SKEEN AT WSHAR-KEEN



MATCH TO INSET A-A



MATCH TO INSET A-A



MATCH TO SHEET TCP-39 -L- STA. 23+00

NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" PAINT	(QC) ↑	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PG) WHITE GORELINE	8" PAINT			
(PH) WHITE LINE (RR)	16" PAINT			
(PI) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

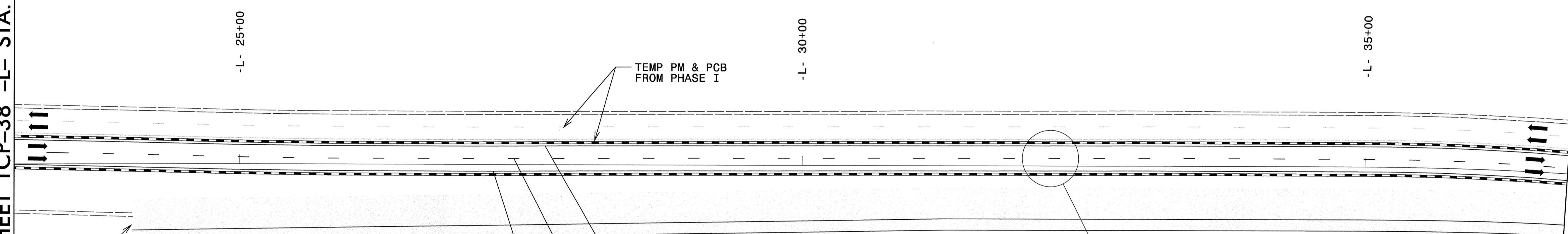
**PHASE II
DETAIL**

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skreen AT WSHAR-KEEN

MATCH TO SHEET TCP-38 -L- STA. 23+00

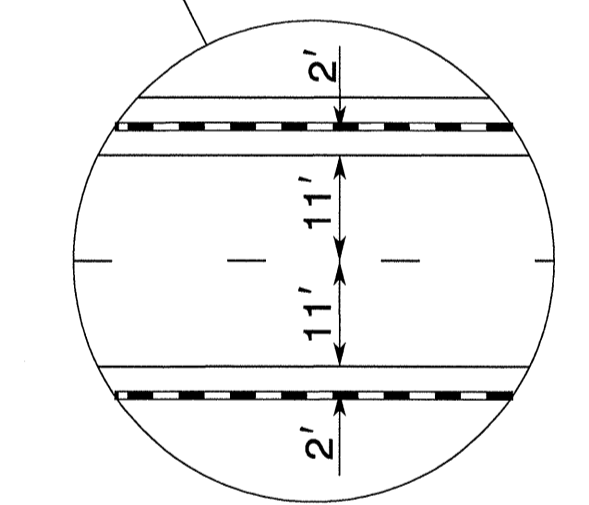
MATCH TO SHEET TCP-40 -L- STA. 36+80



MURCHISON RD
STA 24+05.23
-L- 25+00
-L- 30+00
-L- 35+00

TEMP PM & PCB FROM PHASE I

PA PC PB



NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↕	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶↷	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷↶	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

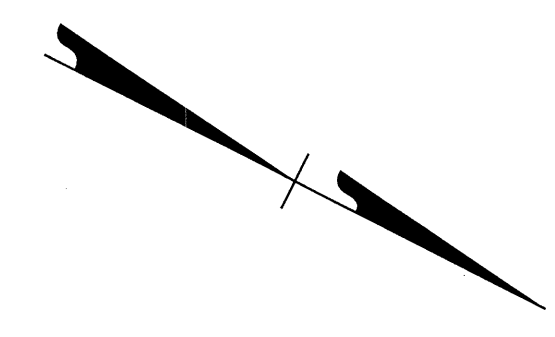
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SEAL

PHASE I I DETAIL

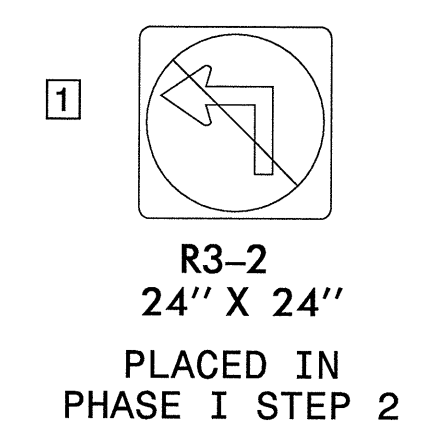
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 skreen AT WSHAR-KEEN



MATCH TO SHEET TCP-39 -L- STA. 36+80

MATCH TO SHEET TCP-41 -L- STA. 48+20



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT		
(PD) 2' WHITE MINISKIP	4" PAINT		
(PE) WHITE SOLID LANE LINE	4" PAINT		
(PT) YELLOW DOUBLE CENTER	4" PAINT		
(PR) WHITE GORELINE	8" PAINT		
(PS) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

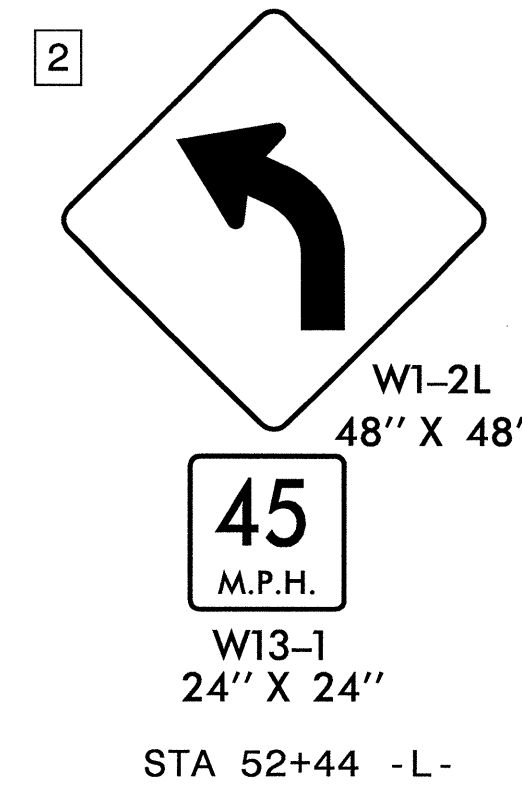
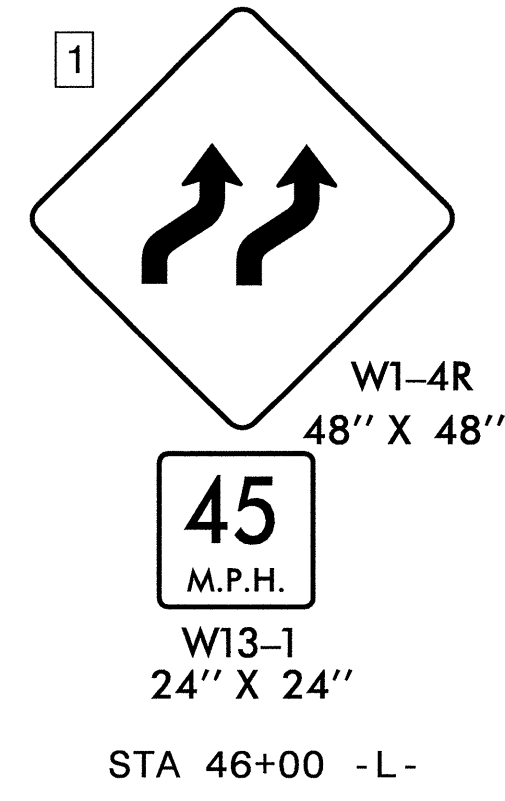
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SEAL

**PHASE I
DETAIL**

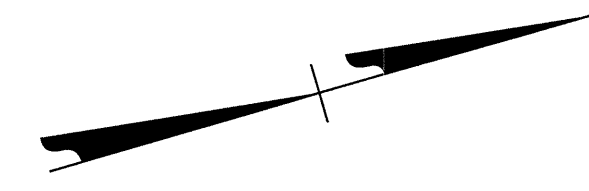
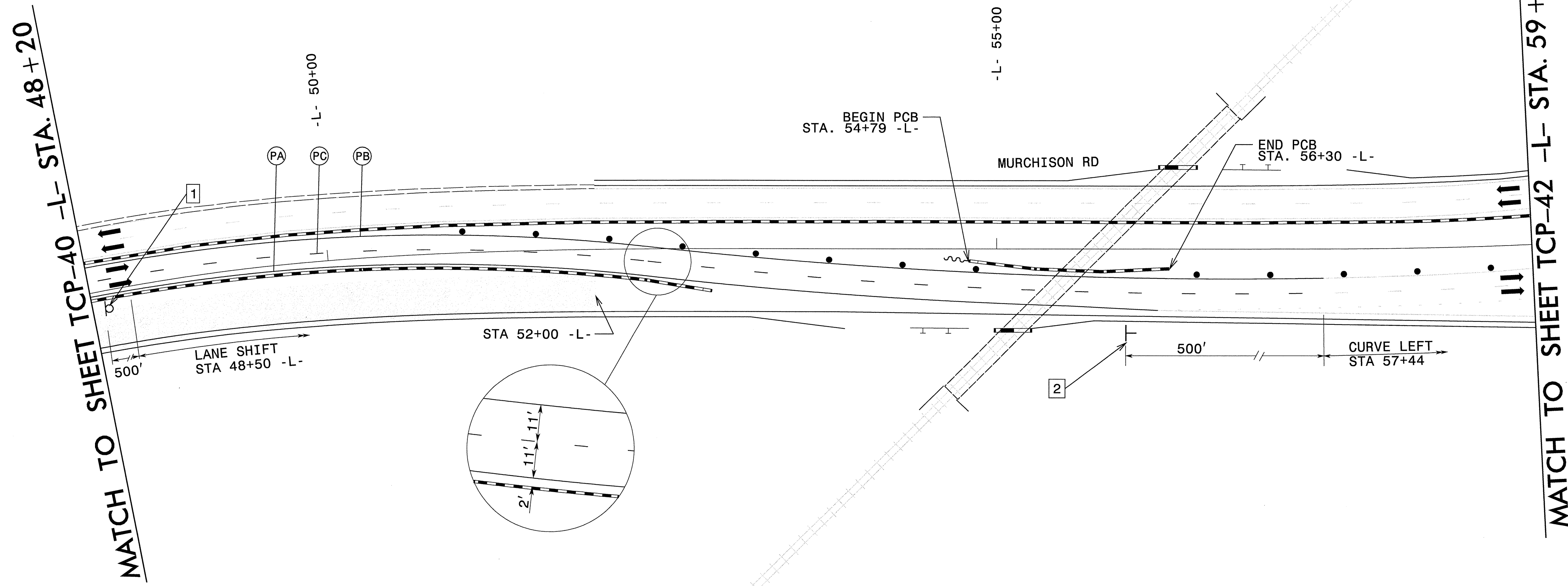
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 skien AT WSHAR-KEEN



MATCH TO SHEET TCP-40 -L- STA. 48+20

MATCH TO SHEET TCP-42 -L- STA. 59+00



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

CA	WHITE EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CB	YELLOW EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CC	10' WHITE SKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CD	2' WHITE MINISKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
PA	WHITE EDGELINE	4"	PAINT
PB	YELLOW EDGELINE	4"	PAINT
PC	10' WHITE SKIP	4"	PAINT
PD	2' WHITE MINISKIP	4"	PAINT
PE	WHITE SOLID LANE LINE	4"	PAINT
PI	YELLOW DOUBLE CENTER	4"	PAINT
PR	WHITE GORELINE	8"	PAINT
PS	WHITE LINE (RR)	16"	PAINT
PT	WHITE STOP BAR	24"	PAINT
QA	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT	
QB	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT	
QC	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT	
QD	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT	
QE	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT	
QT	R ONLY WHITE CHARACTERS	PAINT	

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

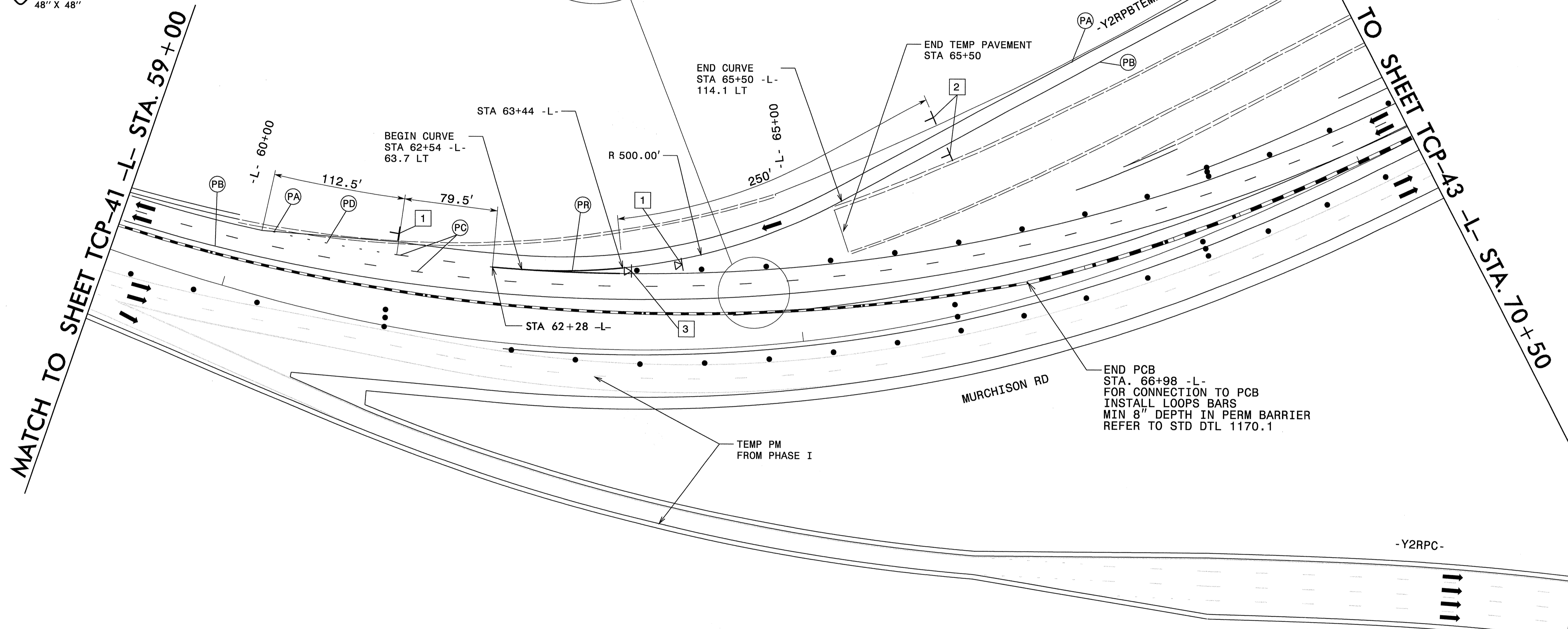
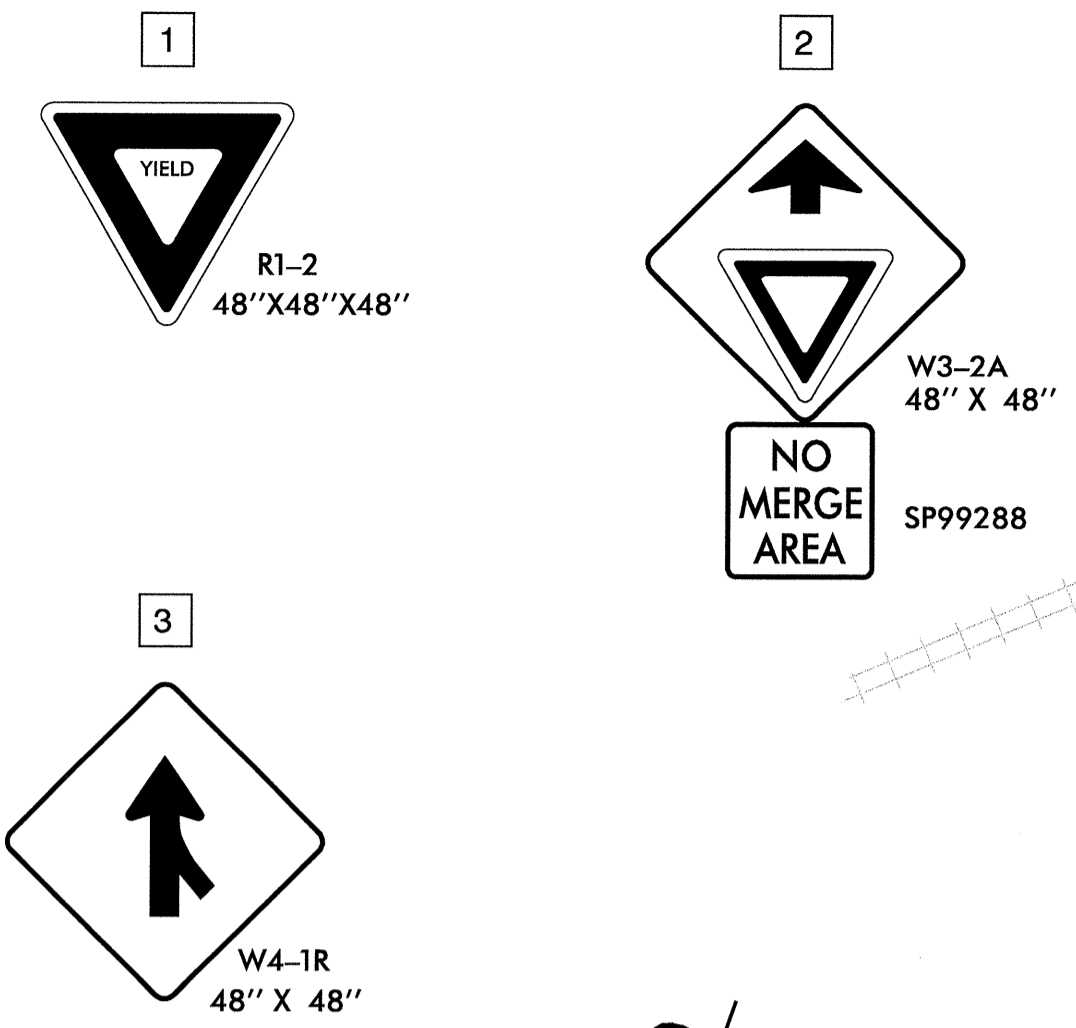
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SEAL

**PHASE II
DETAIL**

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26-MAY-2009 08:06
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skenn AT WSHAR-KEEN



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↵	WHITE STRAIGHT	
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(P1) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

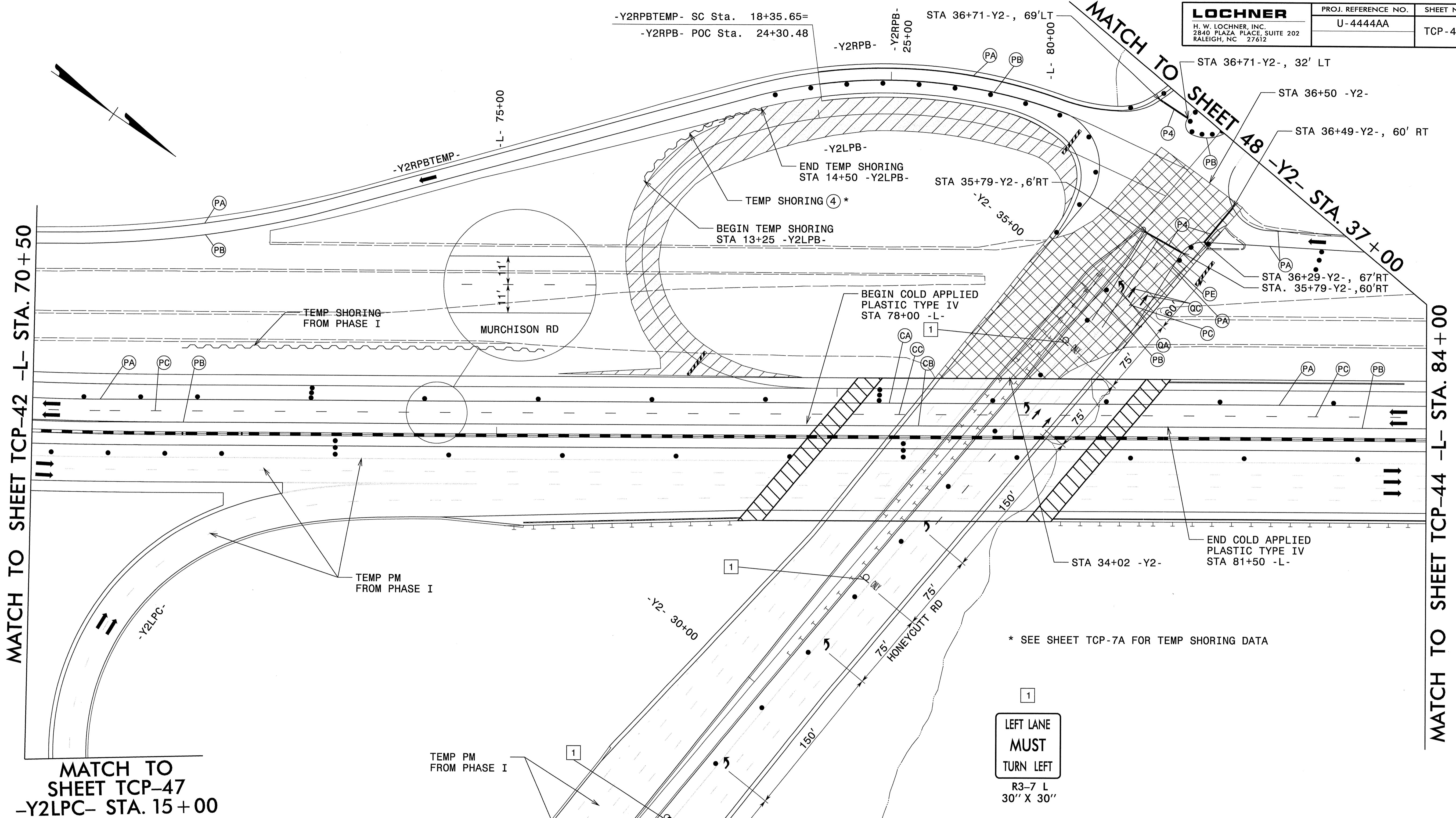
APPROVED: _____ DATE: _____

SEAL

**PHASE II
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DESIGN BY: sk		
REVIEWED BY: be		

22-MAY-2009 07:34 \\Fsrl03\Projects\1835\Design\U-4444\Roadway\Pro\U-4444AA\TCP\U-4444AA-TCP-PH2_DSH05.dgn
skreen AT WSHAR-KEEN



MATCH TO SHEET TCP-42 -L- STA. 70+50

MATCH TO SHEET TCP-44 -L- STA. 84+00

MATCH TO SHEET TCP-47
 -Y2LPC- STA. 15+00

MATCH TO SHEET TCP-47
 -Y2- STA. 26+00

* SEE SHEET TCP-7A FOR TEMP SHORING DATA

1
 LEFT LANE
MUST
 TURN LEFT
 R3-7 L
 30" X 30"

NOTE: ALL LANES ARE 12'
 UNLESS OTHERWISE NOTED

CA	WHITE EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)		
CB	YELLOW EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)		
CC	10' WHITE SKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)		
CD	2' WHITE MINISKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)		
PA	WHITE EDGELINE	4"	PAINT	QA	WHITE LEFT TURN ARROW MARKING SYMBOLS
PB	YELLOW EDGELINE	4"	PAINT	QB	WHITE RIGHT TURN ARROW MARKING SYMBOLS
PC	10' WHITE SKIP	4"	PAINT	QC	WHITE STRAIGHT ARROW MARKING SYMBOL
PD	2' WHITE MINISKIP	4"	PAINT	QD	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS
PE	WHITE SOLID LANE LINE	4"	PAINT	QE	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS
PI	YELLOW DOUBLE CENTER	4"	PAINT	QI	WHITE CHARACTERS
PR	WHITE GORELINE	8"	PAINT		
PS	WHITE LINE (RR)	16"	PAINT		
PT	WHITE STOP BAR	24"	PAINT		

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

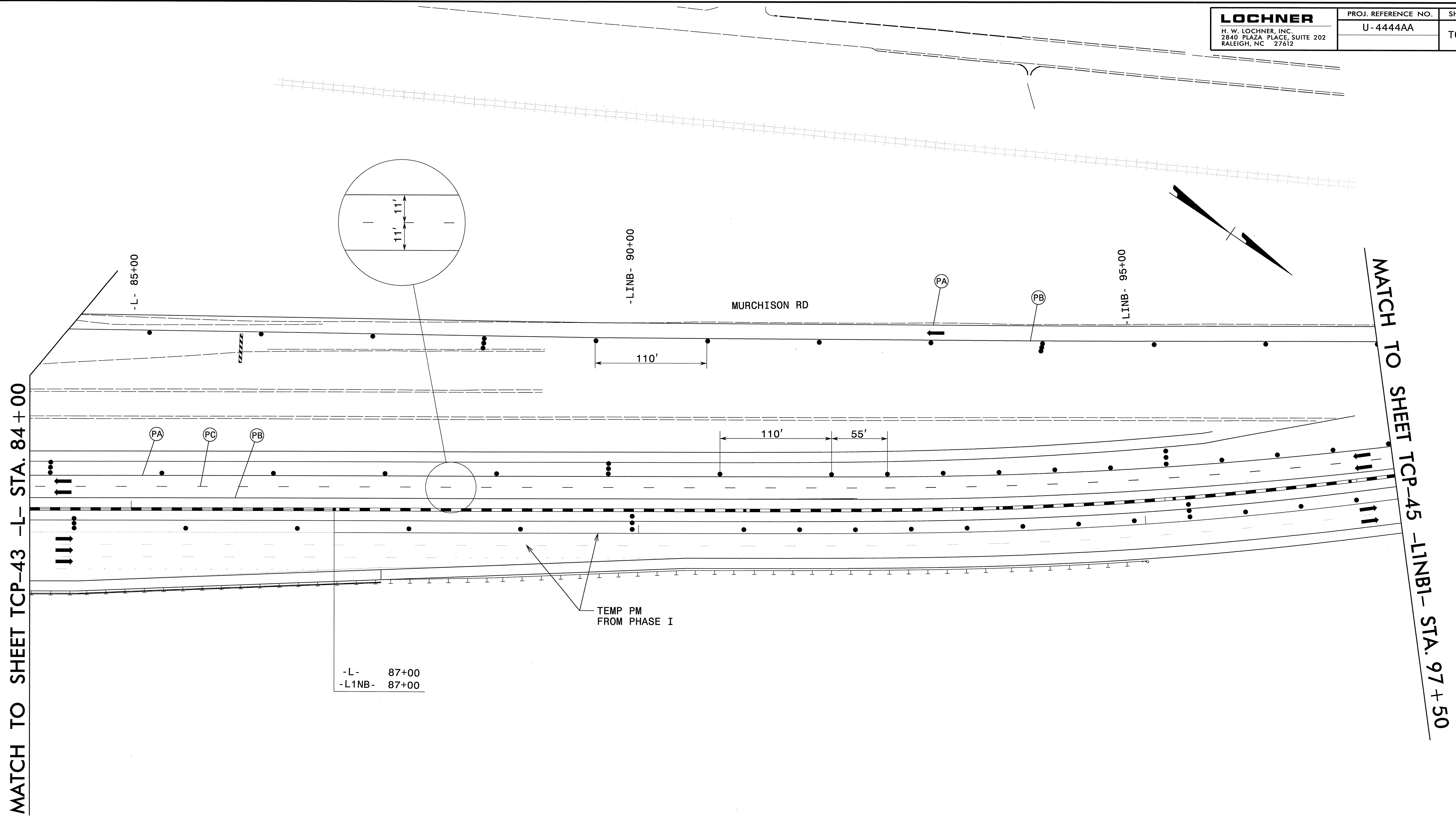
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SEAL

**PHASE I I
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		

26-MAY-2009 08:10 \\fsrd03\p\objects\1835\Design\U-4444\Roadway\Pro\U-4444AA\TCP-U-4444AA_TCP_PH2_DSH06.dgn
 SKEEN AT WSHAR-KEEN



MATCH TO SHEET TCP-43 -L- STA. 84+00

MATCH TO SHEET TCP-45 -LINB1- STA. 97+50

-L- 87+00
-L1NB- 87+00

TEMP PM
FROM PHASE I

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↵	WHITE STRAIGHT	
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PG) WHITE GORELINE	8" PAINT			
(PH) WHITE LINE (RR)	16" PAINT			
(PJ) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE I I
DETAIL**

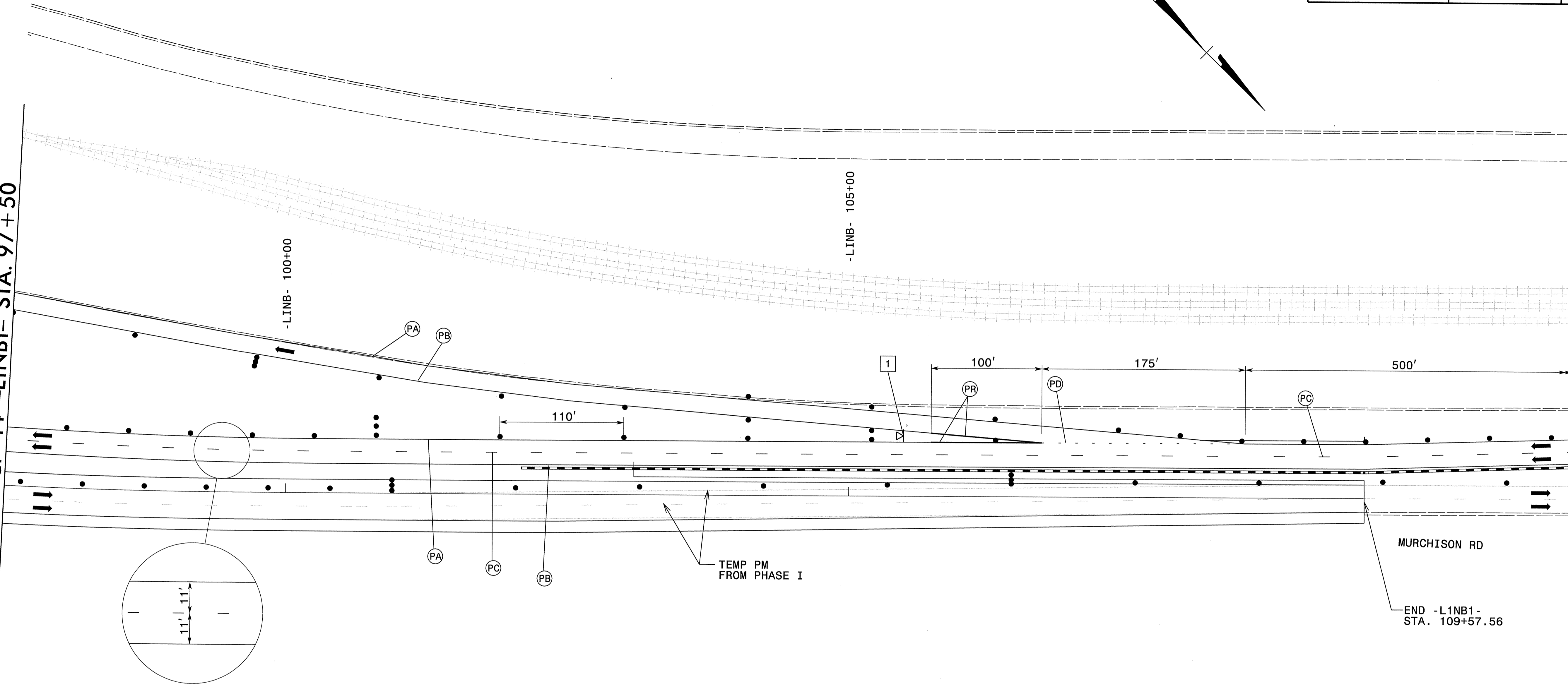
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skreen AT WSHAR-KEEN

MATCH TO SHEET TCP-44 -L1NB1- STA. 97+50

MATCH TO SHEET TCP-46



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↕	WHITE STRAIGHT	
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶↷	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷↶	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QF) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PG) WHITE GORELINE	8" PAINT			
(PH) WHITE LINE (RR)	16" PAINT			
(PJ) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

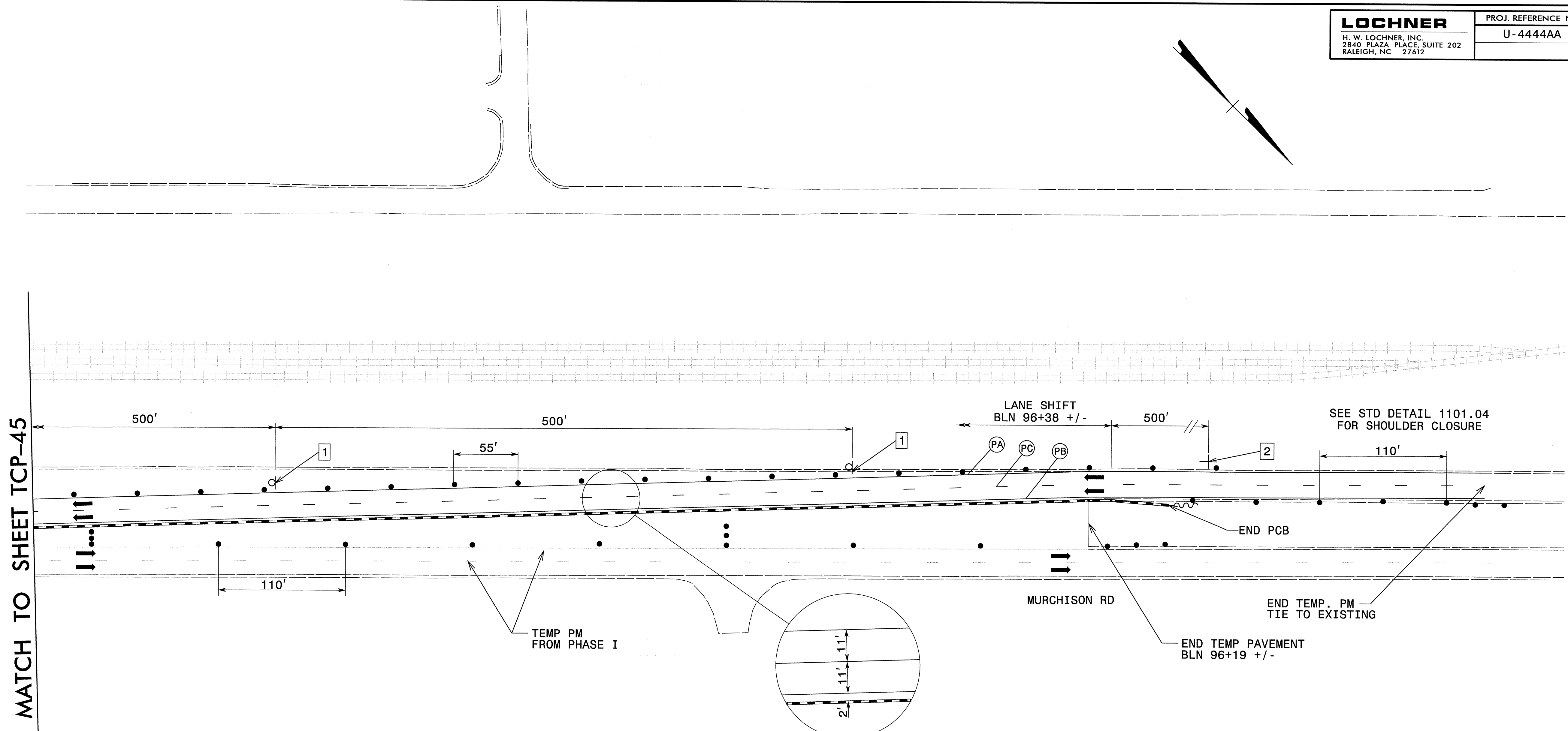
APPROVED: _____ DATE: _____

SEAL

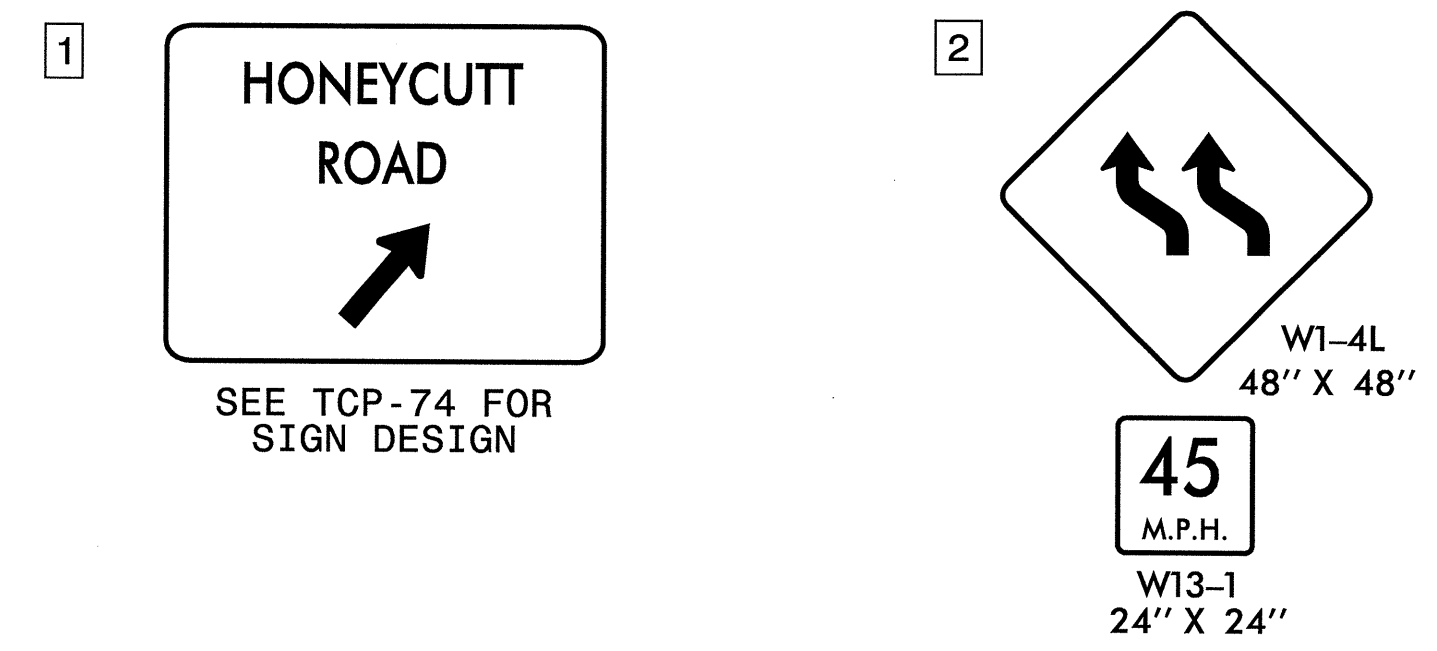
**PHASE II
DETAIL**

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DESIGN BY: bb		
REVIEWED BY: be		

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skreen AT WSHAR-KEEN



MATCH TO SHEET TCP-45



1
HONEYCUTT ROAD
SEE TCP-74 FOR SIGN DESIGN

2
W1-4L
48" X 48"
45
M.P.H.
W13-1
24" X 24"

NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PT) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(PS) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

PHASE II DETAIL

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: bb		

22-MAY-2009 07:39 \\fsrl03\Projects\1835\Design\U-4444\Roadway\Pro\U-4444AA\TCP\U-4444AA\TCP_PH2_DSH09.dgn

MATCH TO SHEET TCP-42
 -Y2RPC- STA. 23+00

MATCH TO SHEET TCP-43
 -Y2LPC- STA. 15+00



HONEYCUTT RD

MATCH TO SHEET TCP-43 -Y2- STA. 26+00

NOTE: ALL LANES ARE 12'
 UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

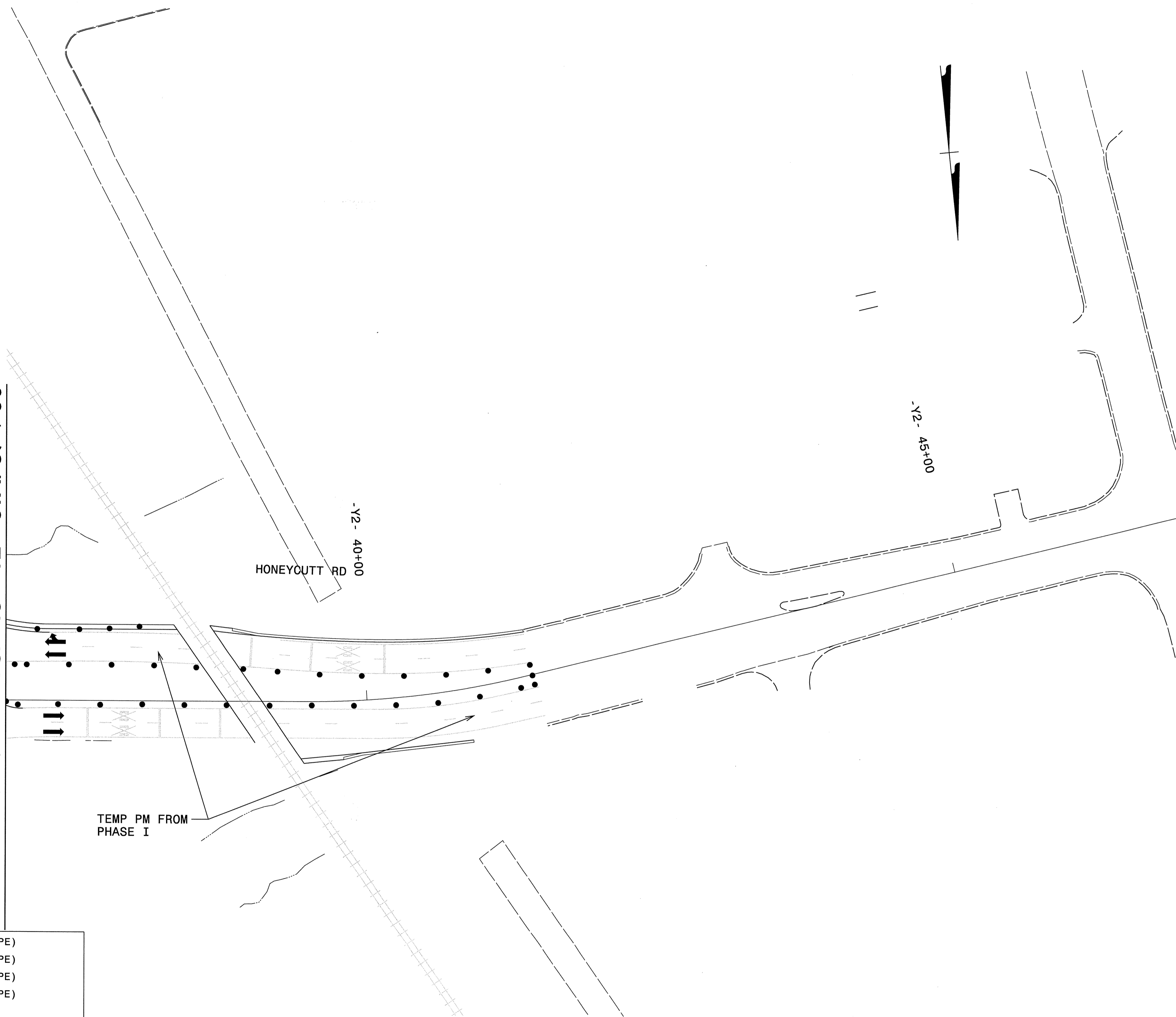
LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____	PHASE II DETAIL	
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DESIGN BY: sk		
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 skelen AT WSHAR-KEEN

MATCH TO SHEET TCP-43 -Y2- STA. 37+00



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(PA) WHITE EDGELINE	4" PAINT	(QA) ↵	WHITE LEFT TURN ARROW MARKING SYMBOLS PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QB) ↶	WHITE RIGHT TURN ARROW MARKING SYMBOLS PAINT
(PC) 10' WHITE SKIP	4" PAINT	(QC) ↷	WHITE STRAIGHT ARROW MARKING SYMBOL PAINT
(PD) 2' WHITE MINISKIP	4" PAINT	(QD) ↸	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS PAINT
(PE) WHITE SOLID LANE LINE	4" PAINT	(QE) ↹	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS PAINT
(PJ) YELLOW DOUBLE CENTER	4" PAINT	(QI) R ONLY	WHITE CHARACTERS PAINT
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

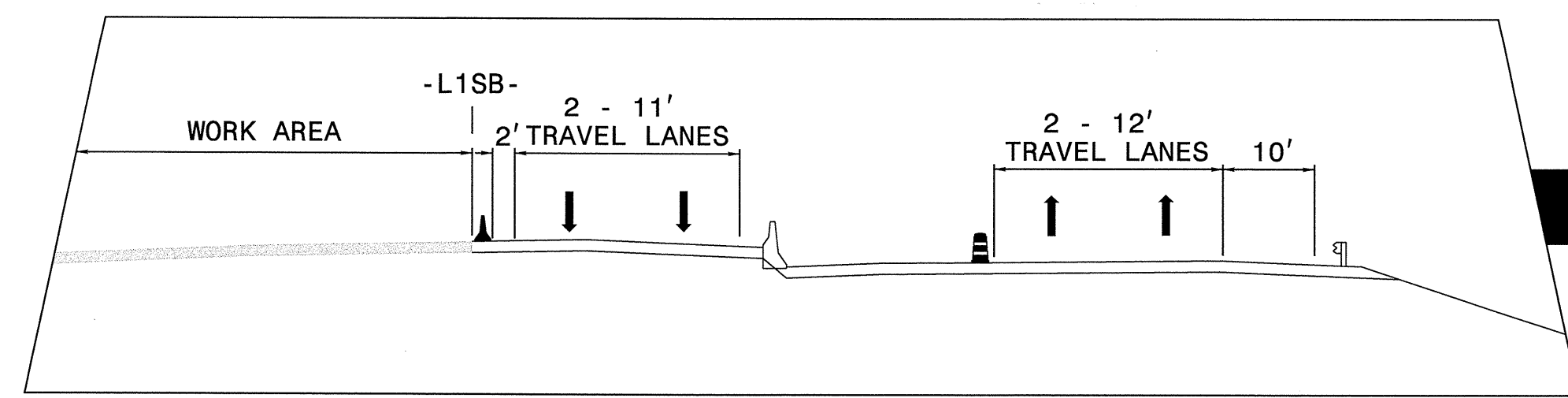
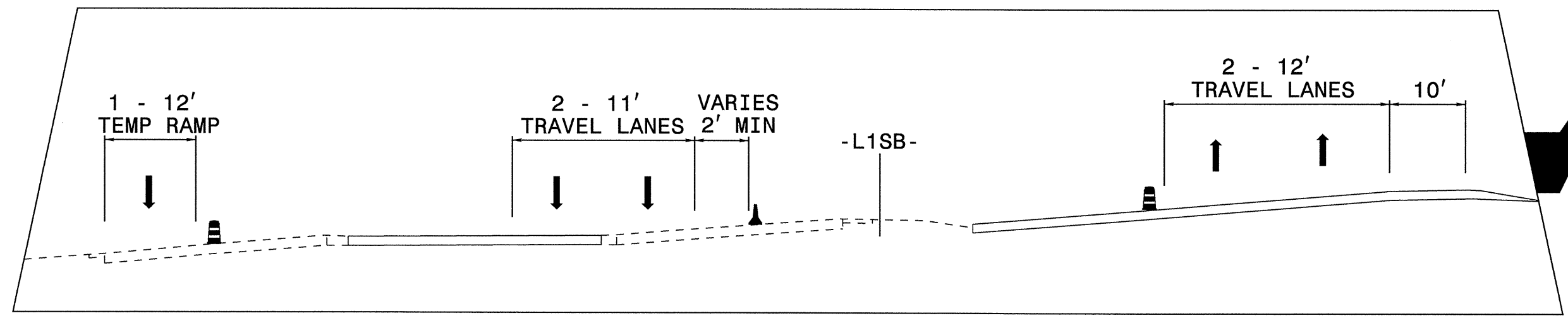
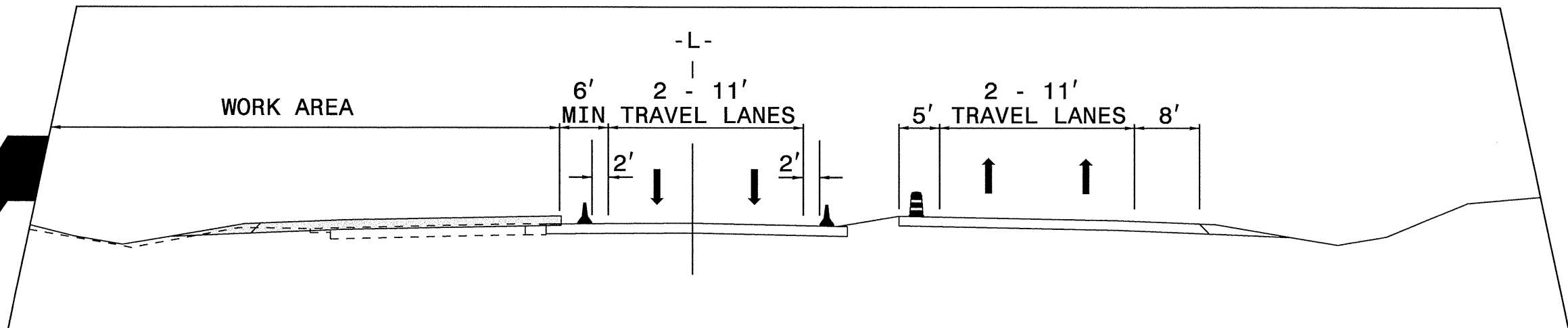
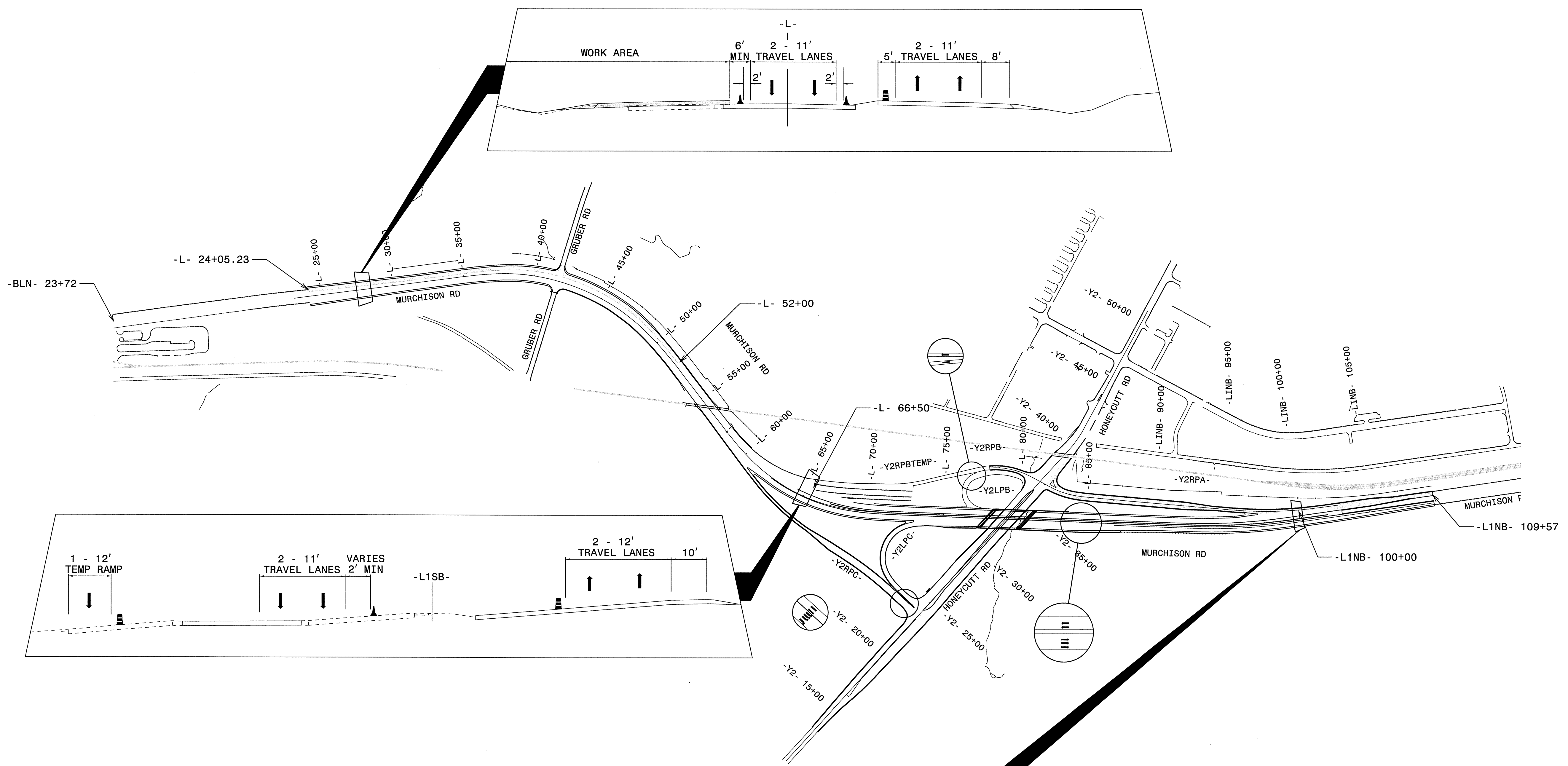
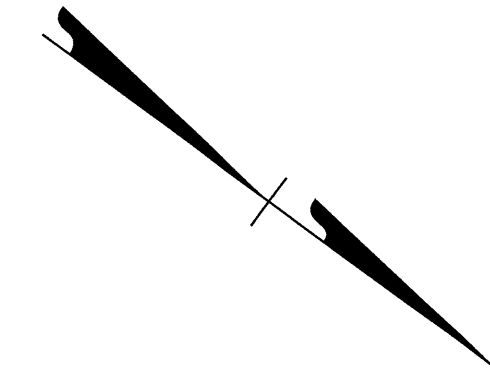
LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

PHASE II DETAIL									
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DATE: 05/26/09									
DESIGN BY: sk									
REVIEWED BY: be									

22-MAY-2009 07:40
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skenn AT WSHAR-KEEN



LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

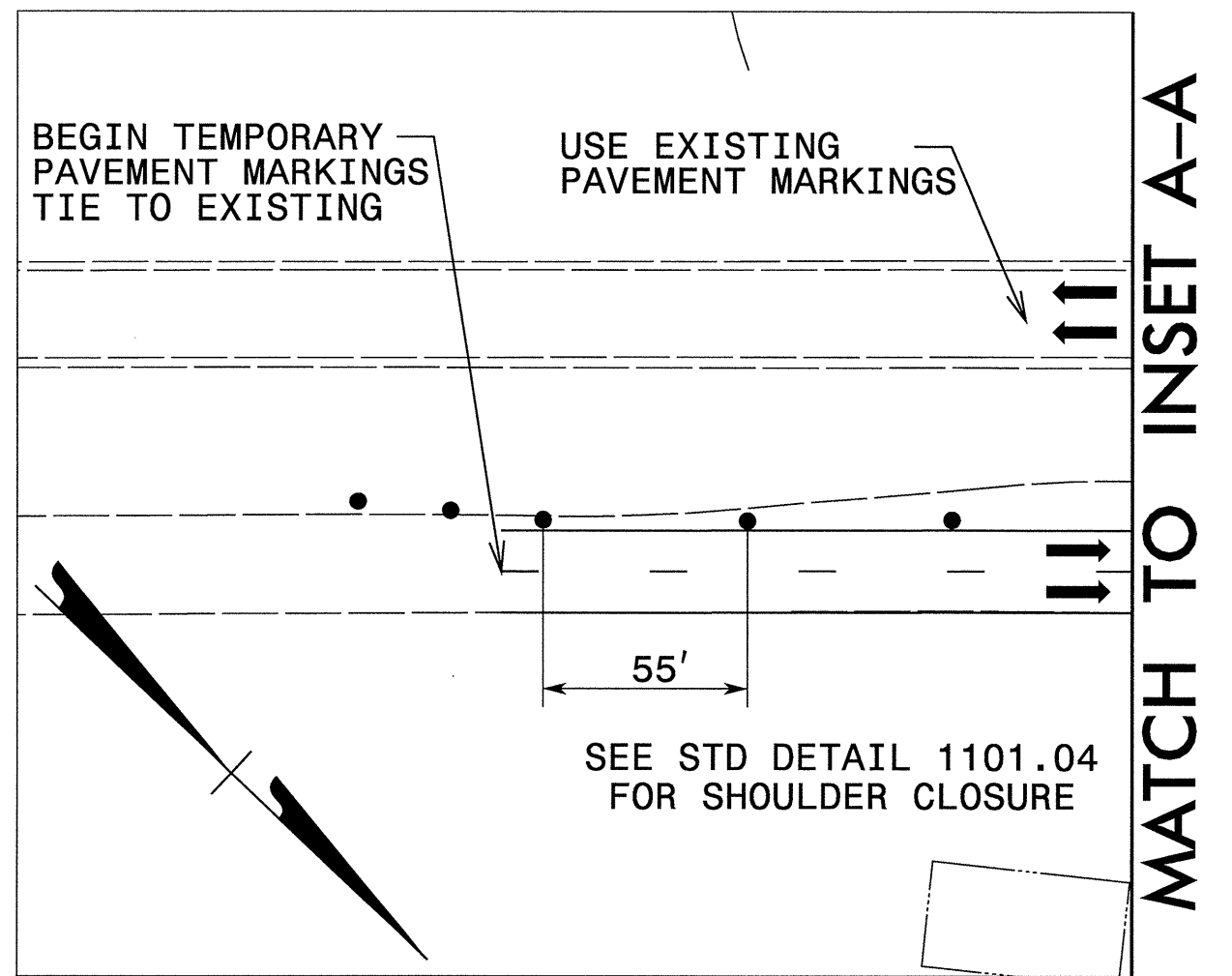
SEAL

PHASE III OVERVIEW

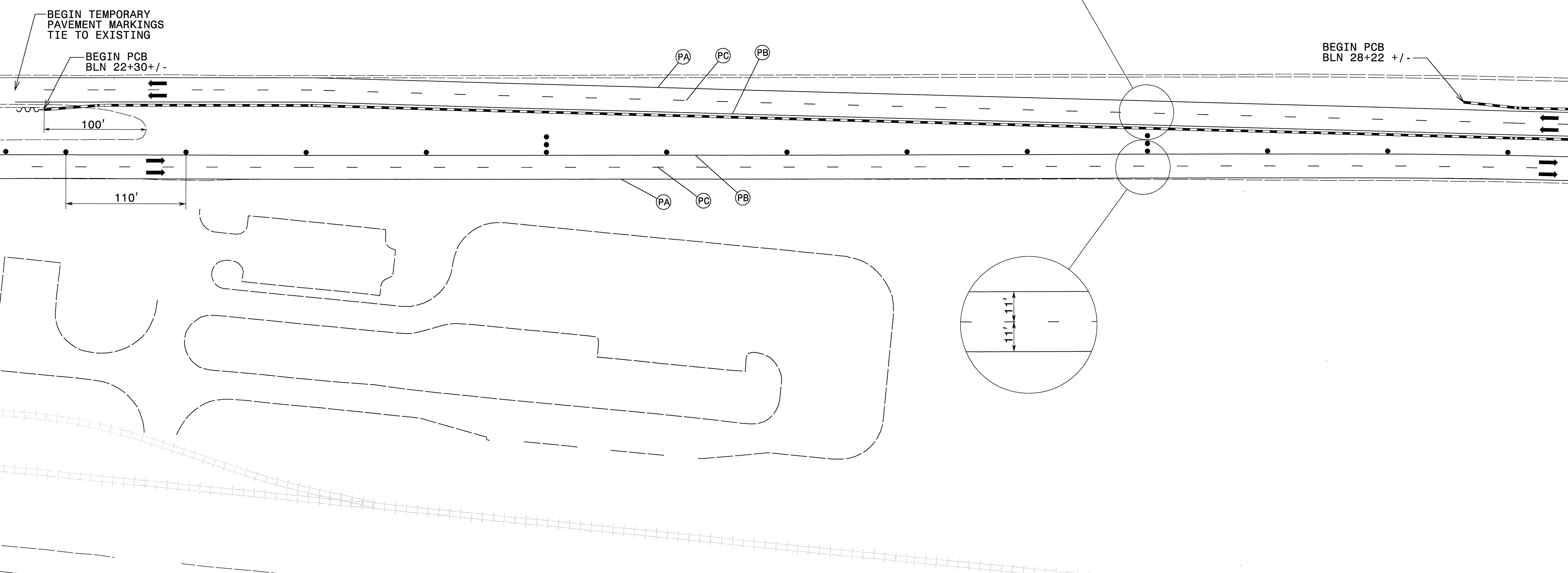
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DWG. BY: bb		
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 skreen AT WSHAR-KEEN



MATCH TO INSET A-A



NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↵	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(PS) WHITE LINE (RR)	16" PAINT			
(PT) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE III
DETAIL**

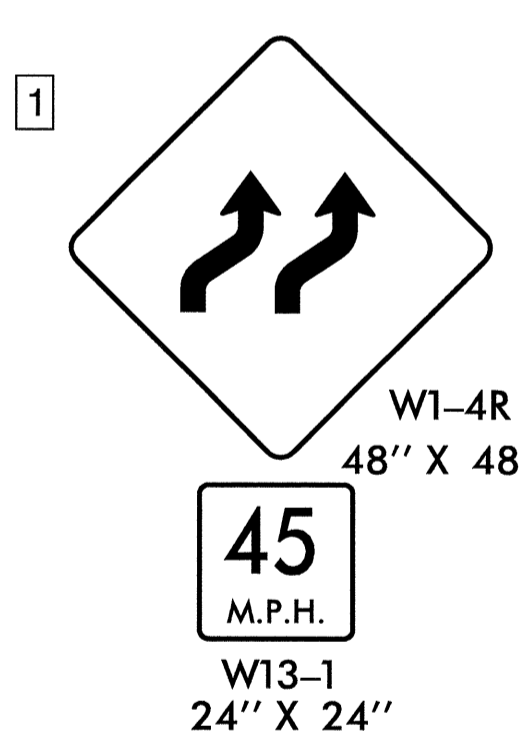
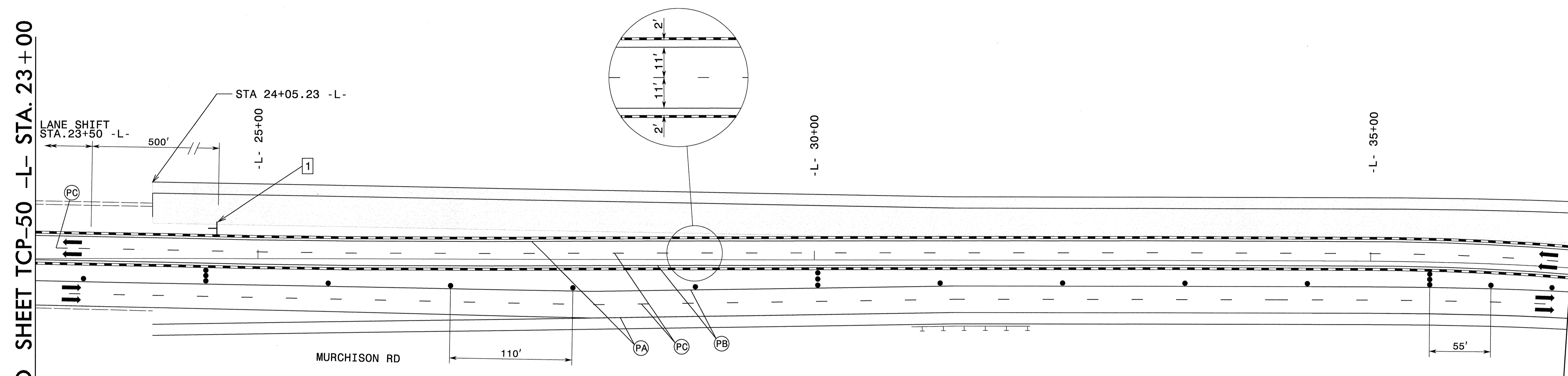
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DESIGN BY: SK		
REVIEWED BY: bb		

CADD FILE

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MATCH TO SHEET TCP-50 -L- STA. 23+00

MATCH TO SHEET TCP-52 -L- STA. 36+80



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↵	WHITE STRAIGHT	
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

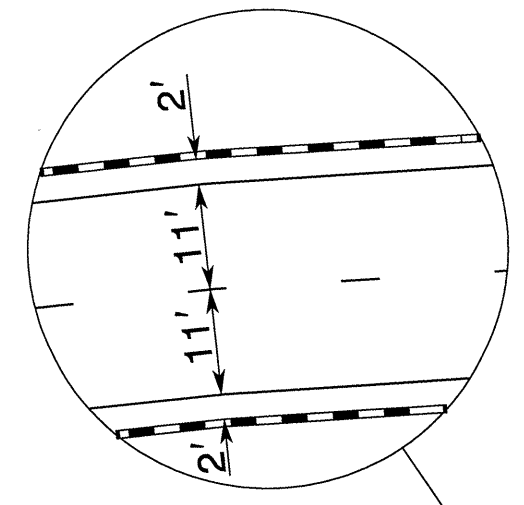
**PHASE III
DETAIL**

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DESIGN BY: sk		
REVIEWED BY: be		

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skenn AT WSHAR-KEEN

MATCH TO SHEET TCP-51 -L- STA. 36+80



-L- 40+00

GRUBER RD

SEE ROADWAY PLANS

-L- 45+00

MURCHISON RD

GRUBER RD

MATCH TO SHEET TCP-53 -L- STA. 48+20

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" PAINT	(QB) WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" PAINT	(QC) WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT		
(PD) 2' WHITE MINISKIP	4" PAINT		
(PE) WHITE SOLID LANE LINE	4" PAINT		
(PF) YELLOW DOUBLE CENTER	4" PAINT		
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

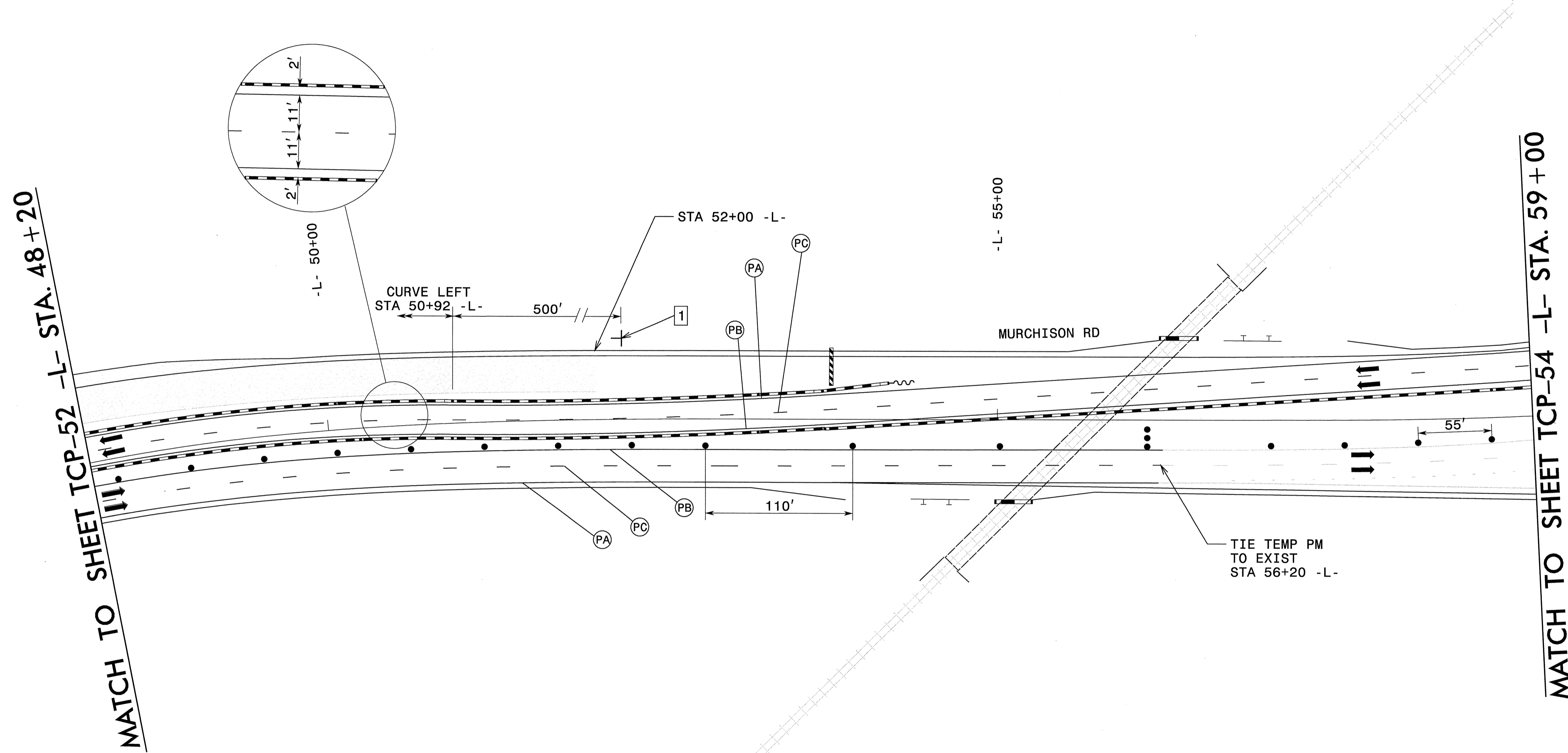
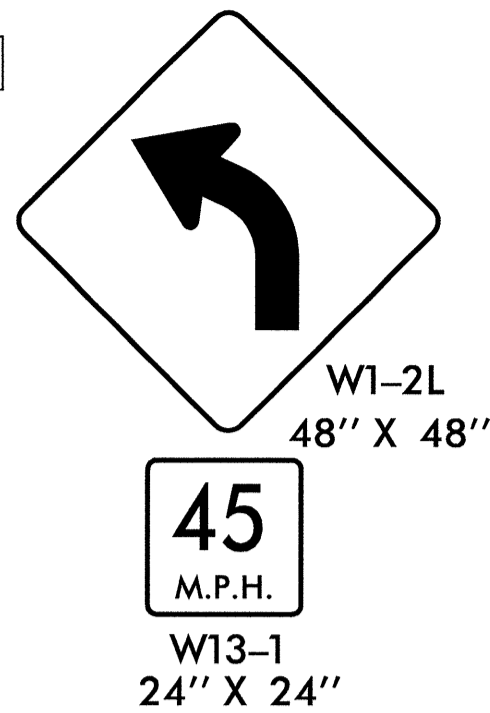
SEAL

**PHASE III
DETAIL**

SCALE: 1:50		REVISIONS
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DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: bb		

CADD FILE

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 skoen AT WSHAR-KEEN



22-MAY-2009 10:42
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 skreen AT WSHAR-KEEN

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↵	WHITE STRAIGHT	
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(PS) WHITE LINE (RR)	16" PAINT			
(PT) WHITE STOP BAR	24" PAINT			

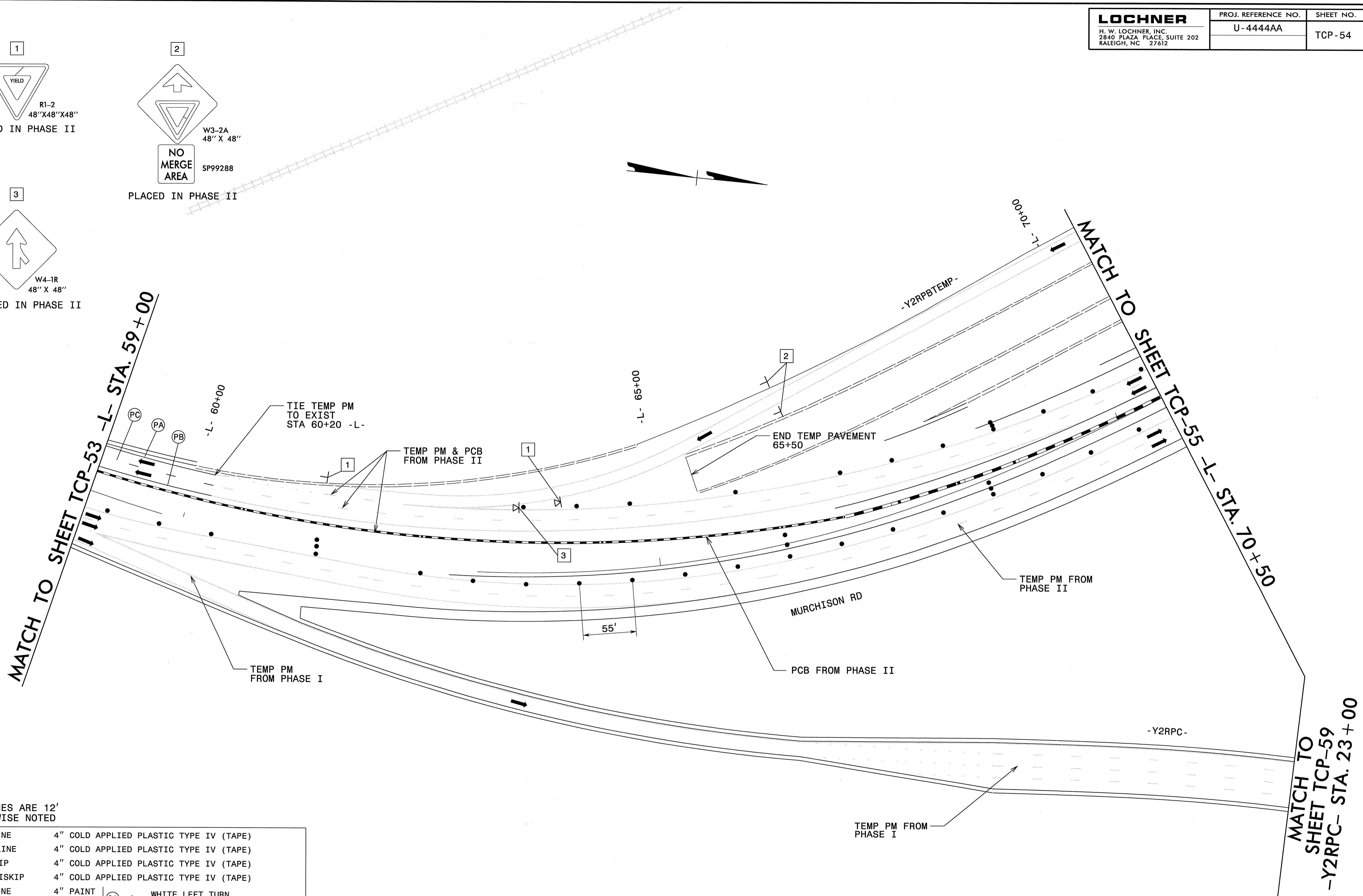
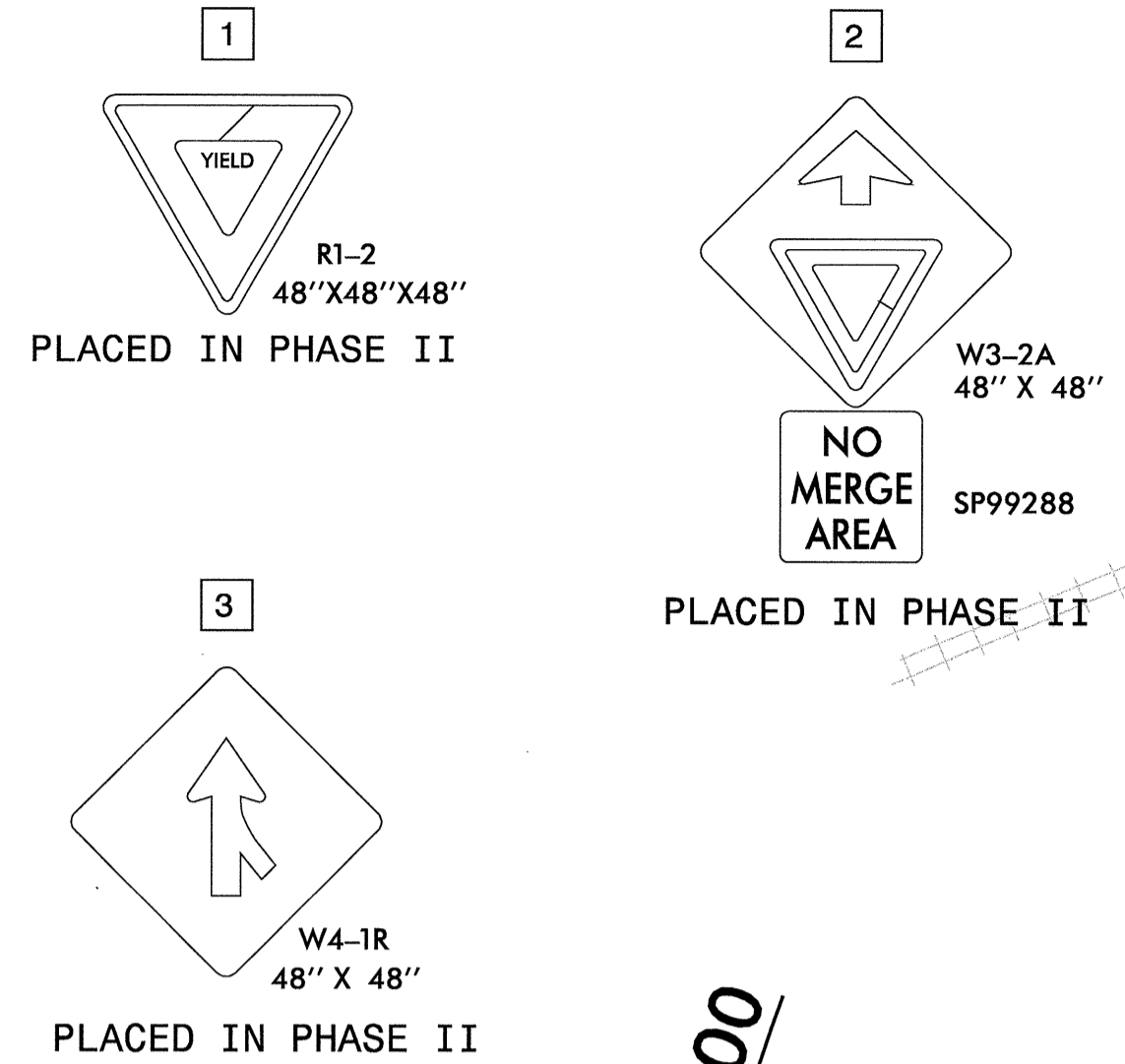
LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE III
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		



NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT		
(PD) 2' WHITE MINISKIP	4" PAINT		
(PE) WHITE SOLID LANE LINE	4" PAINT		
(PF) YELLOW DOUBLE CENTER	4" PAINT		
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

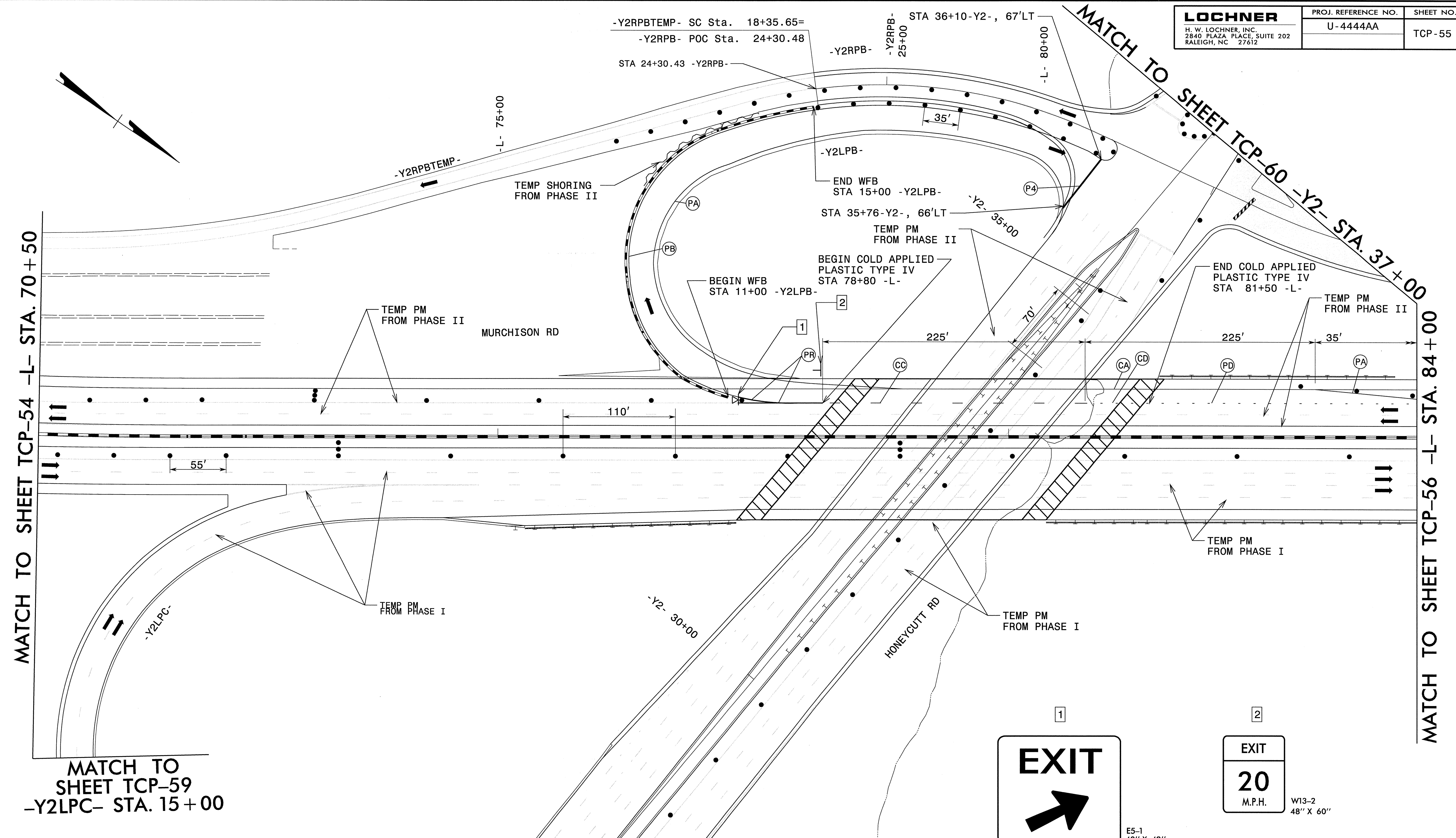
APPROVED: _____ DATE: _____

SEAL

**PHASE III
DETAIL**

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DATE: 05/26/09		
DESIGN BY: sk		
REVIEWED BY: bb		

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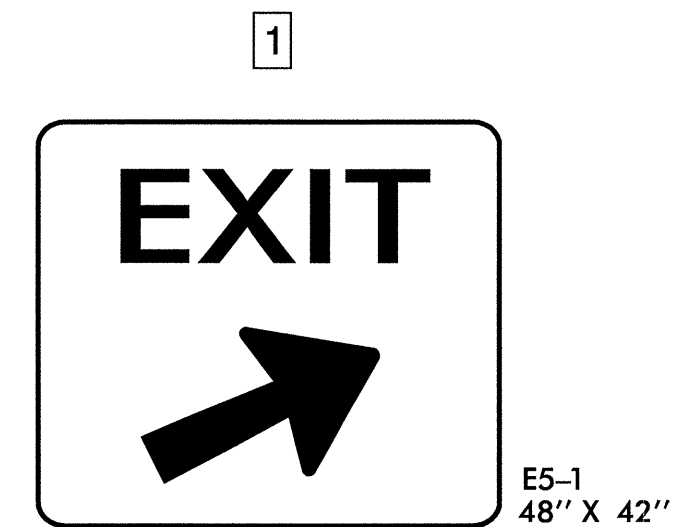


MATCH TO SHEET TCP-54 -L- STA. 70+50

MATCH TO SHEET TCP-56 -L- STA. 84+00

MATCH TO SHEET TCP-59
 -Y2LPC- STA. 15+00

MATCH TO SHEET TCP-59
 -Y2- STA. 26+00



NOTE: ALL LANES ARE 12'
 UNLESS OTHERWISE NOTED

CA	WHITE EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CB	YELLOW EDGELINE	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CC	10' WHITE SKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
CD	2' WHITE MINISKIP	4"	COLD APPLIED PLASTIC TYPE IV (TAPE)
PA	WHITE EDGELINE	4"	PAINT
PB	YELLOW EDGELINE	4"	PAINT
PC	10' WHITE SKIP	4"	PAINT
PD	2' WHITE MINISKIP	4"	PAINT
PE	WHITE SOLID LANE LINE	4"	PAINT
PF	YELLOW DOUBLE CENTER	4"	PAINT
PG	WHITE GORELINE	8"	PAINT
PH	WHITE LINE (RR)	16"	PAINT
PI	WHITE STOP BAR	24"	PAINT
QA	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT	
QB	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT	
QC	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT	
QD	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT	
QE	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT	
QI	R ONLY WHITE CHARACTERS	PAINT	

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

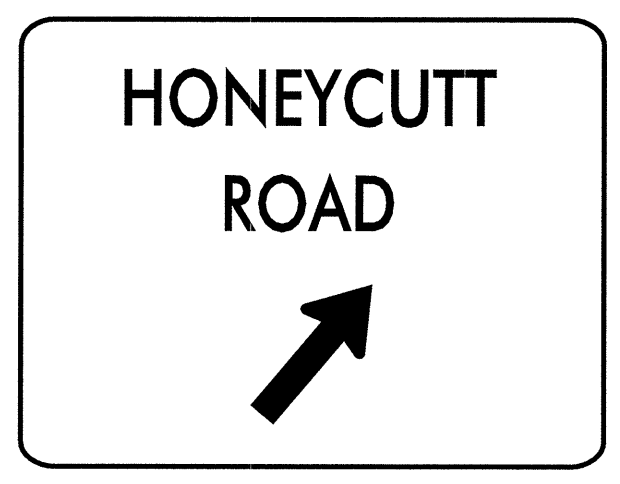
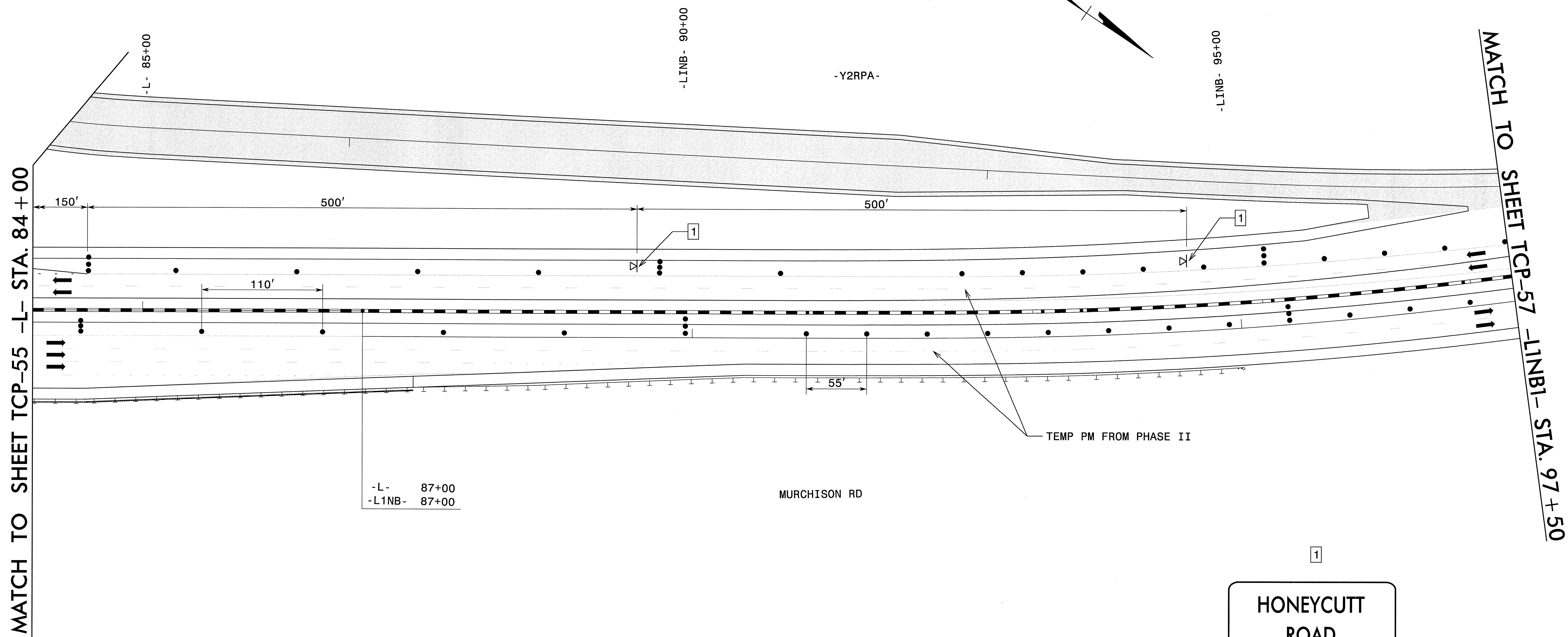
APPROVED: _____ DATE: _____

SEAL

**PHASE III
 DETAIL**

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REVISIONS										
DATE: 05/26/09										
DWG. BY: bb										
DESIGN BY: sk										
REVIEWED BY: bb	CADD FILE									

22-MAY-2009 09:30 \\Fsral03\Projects\1835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_PH3_DSH06.dgn
 SHEET AT WSHAR-KEEN



SEE TCP-74 FOR SIGN DESIGN

NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↶	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↷	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↶	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(PS) WHITE LINE (RR)	16" PAINT			
(PT) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

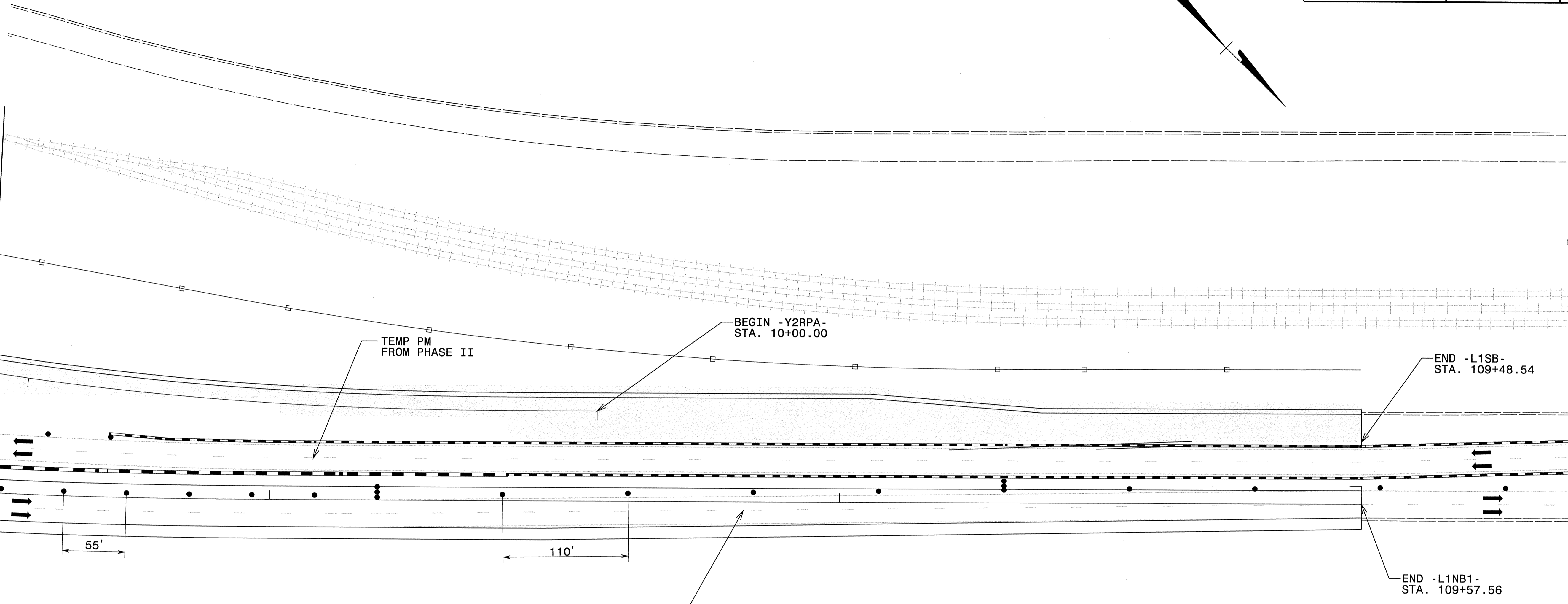
**PHASE III
DETAIL**

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DATE: 05/26/09										
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DESIGN BY: SK										
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 skreen AT WSHAR-KEEN

MATCH TO SHEET TCP-56 -L1NB1- STA. 97+50

MATCH TO SHEET TCP-58



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN	PAIN
(CB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN	PAIN
(CC) 10' WHITE SKIP	4" PAINT	(QC) ↕	WHITE STRAIGHT	PAIN
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) ↶↷	WHITE LEFT/STRAIGHT	PAIN
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷↶	WHITE RIGHT/STRAIGHT	PAIN
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAIN
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PT) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(PS) WHITE LINE (RR)	16" PAINT			
(PT) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

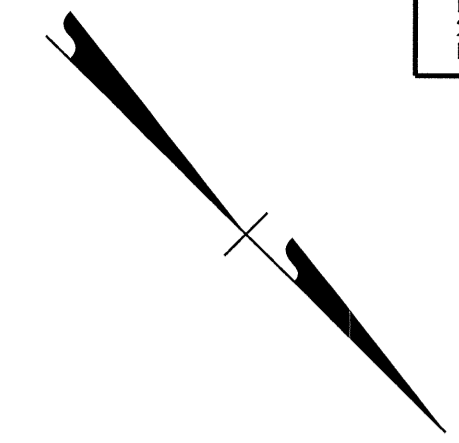
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SEAL

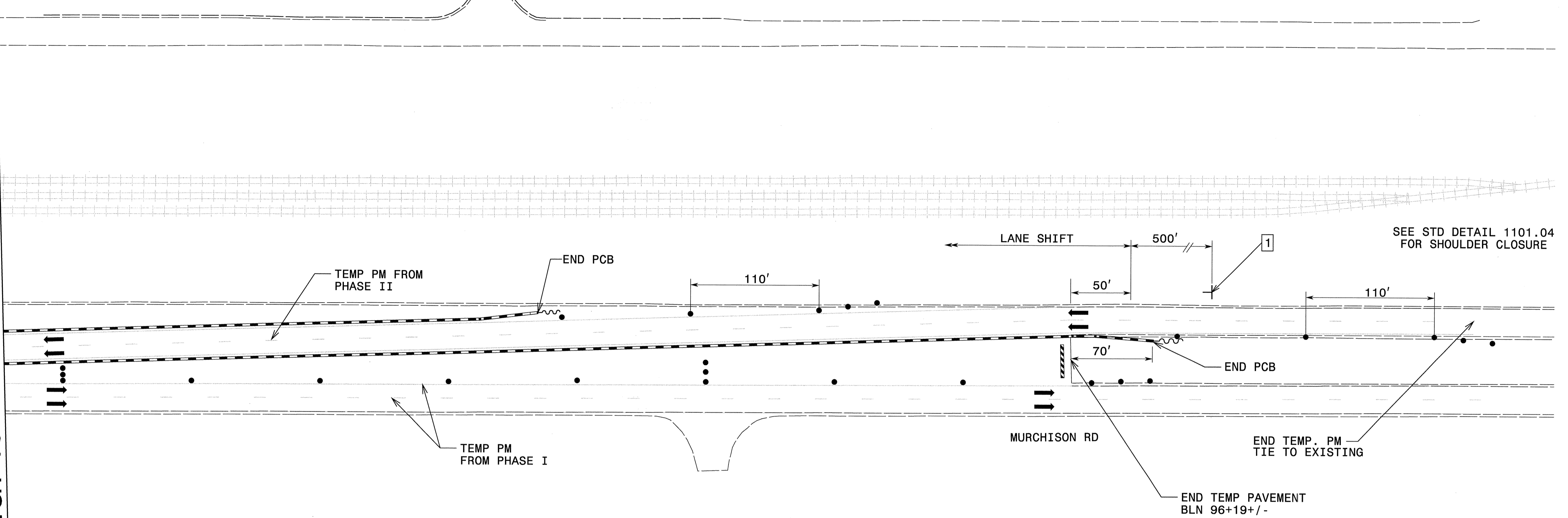
**PHASE III
DETAIL**

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REVIEWED BY: db		

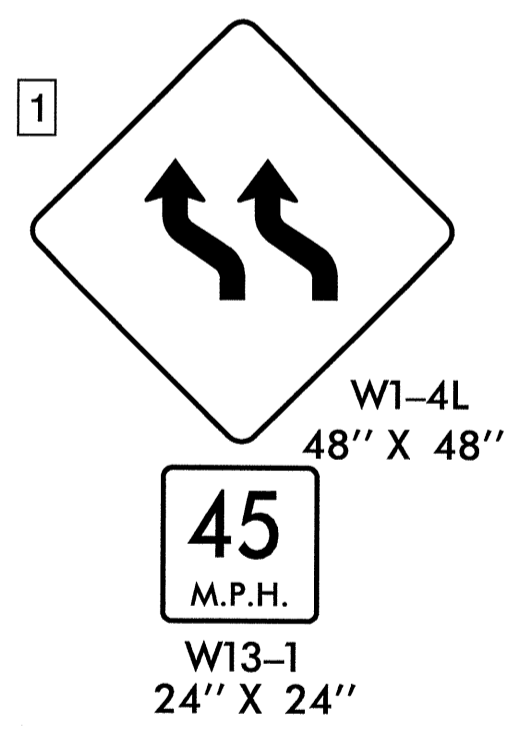
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skreen AT WSHAP-KEEN



MATCH TO SHEET TCP-57



SEE STD DETAIL 1101.04 FOR SHOULDER CLOSURE



NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↕	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

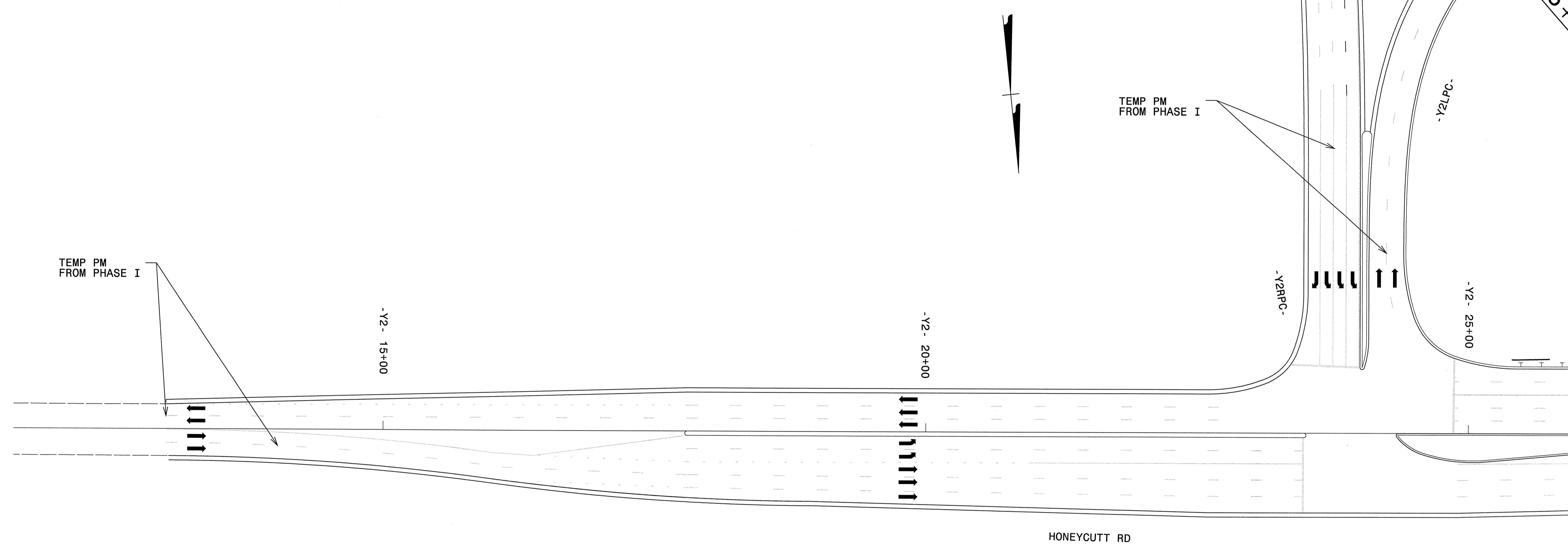
PHASE III DETAIL

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DATE: 05/26/09										
DESIGN BY: SK										
REVIEWED BY: be										

21-MAY-2009 16:00 \\fsr\rd03\Projects\835\Design\U-4444\Roadway\ProJ\U-4444AA\TCP\U-4444AA.TCP_PH3.DSH09.DGN

MATCH TO SHEET TCP-54
-Y2RPC- STA. 23+00

MATCH TO SHEET TCP-55
-Y2LPC- STA. 15+00



HONEYCUTT RD

MATCH TO SHEET TCP-55 -Y2- STA. 26+00

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↙	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↘	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↗	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↘	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QJ) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PI) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

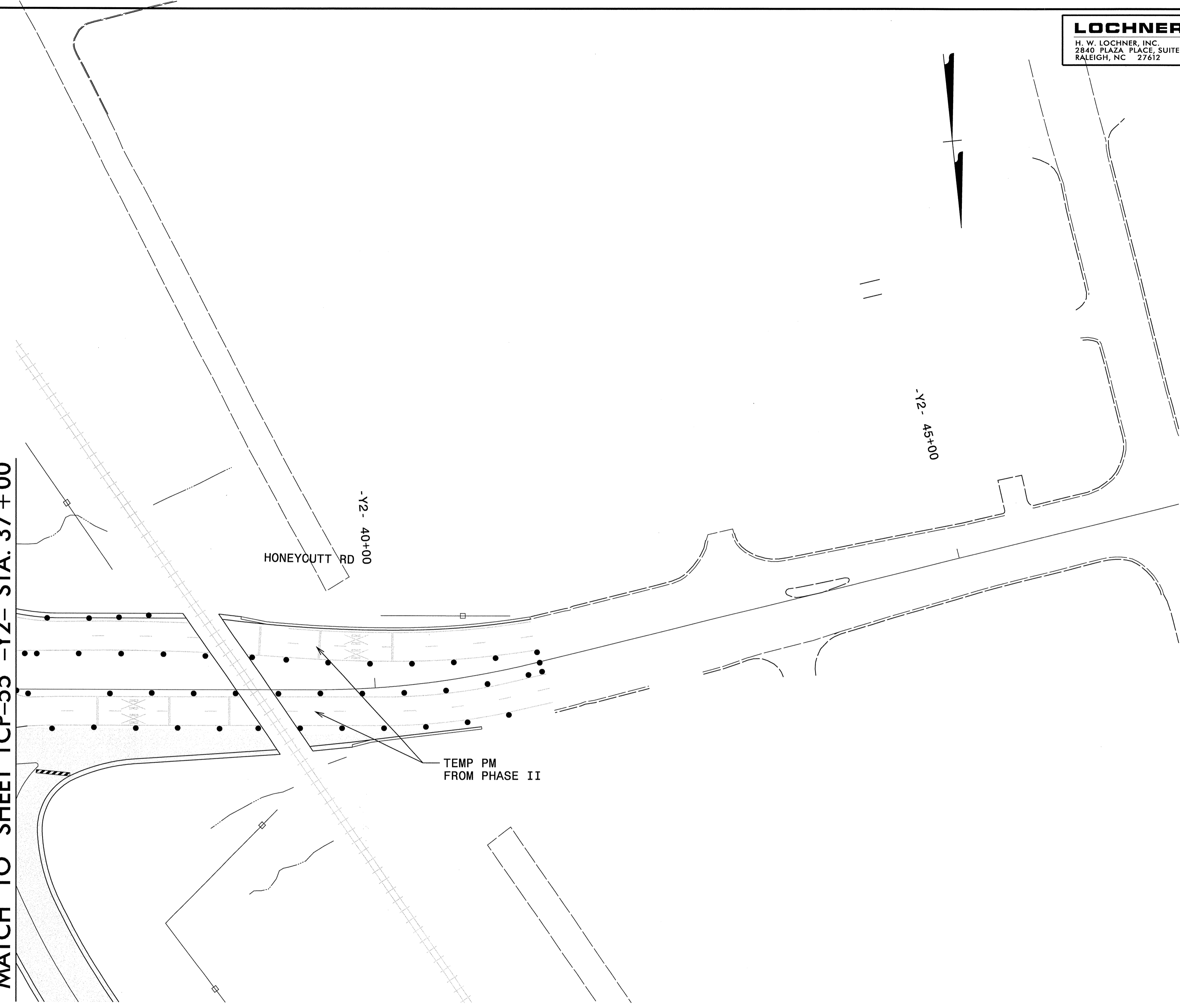
SEAL

PHASE III DETAIL

SCALE: 1:50		REVISIONS
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DESIGN BY: sk		
REVIEWED BY: db		CADD FILE

22-JUN-2009 10:14
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skenn AT WSHAR-KEEN

MATCH TO SHEET TCP-55 -Y2- STA. 37+00



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)		
(PA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS PAINT
(PC) 10' WHITE SKIP	4" PAINT	(QC) ↵	WHITE STRAIGHT ARROW MARKING SYMBOL PAINT
(PD) 2' WHITE MINISKIP	4" PAINT	(QD) ↶↷	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS PAINT
(PE) WHITE SOLID LANE LINE	4" PAINT	(QE) ↷↶	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS PAINT
(PJ) YELLOW DOUBLE CENTER	4" PAINT	(QI) R ONLY	WHITE CHARACTERS PAINT
(PR) WHITE GORELINE	8" PAINT		
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

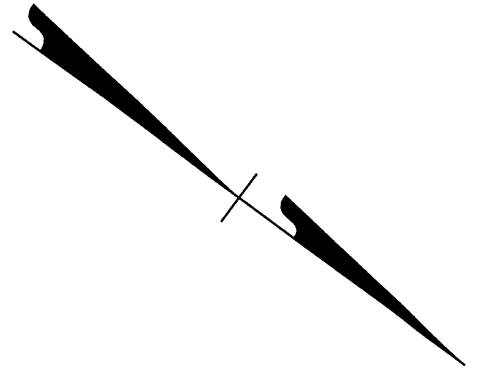
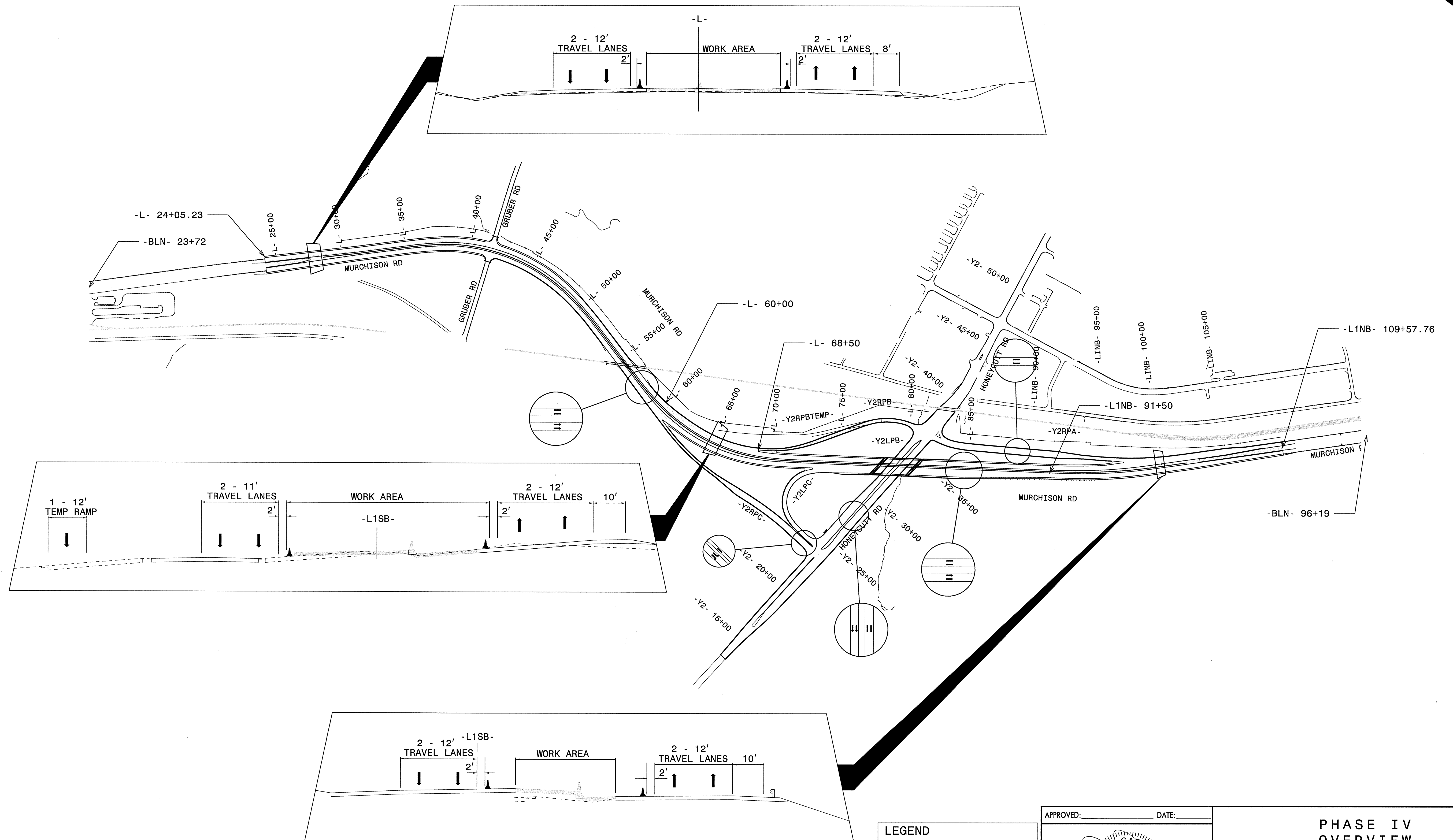
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**PHASE III
DETAIL**

SCALE: 1:50		REVISIONS
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DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		

CADD FILE

21-MAY-2009 16:02
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skenn AT WSHAR-KEEN



22-MAY-2009 08:04
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 skreen AT WSHAR-KEEN

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

SEAL

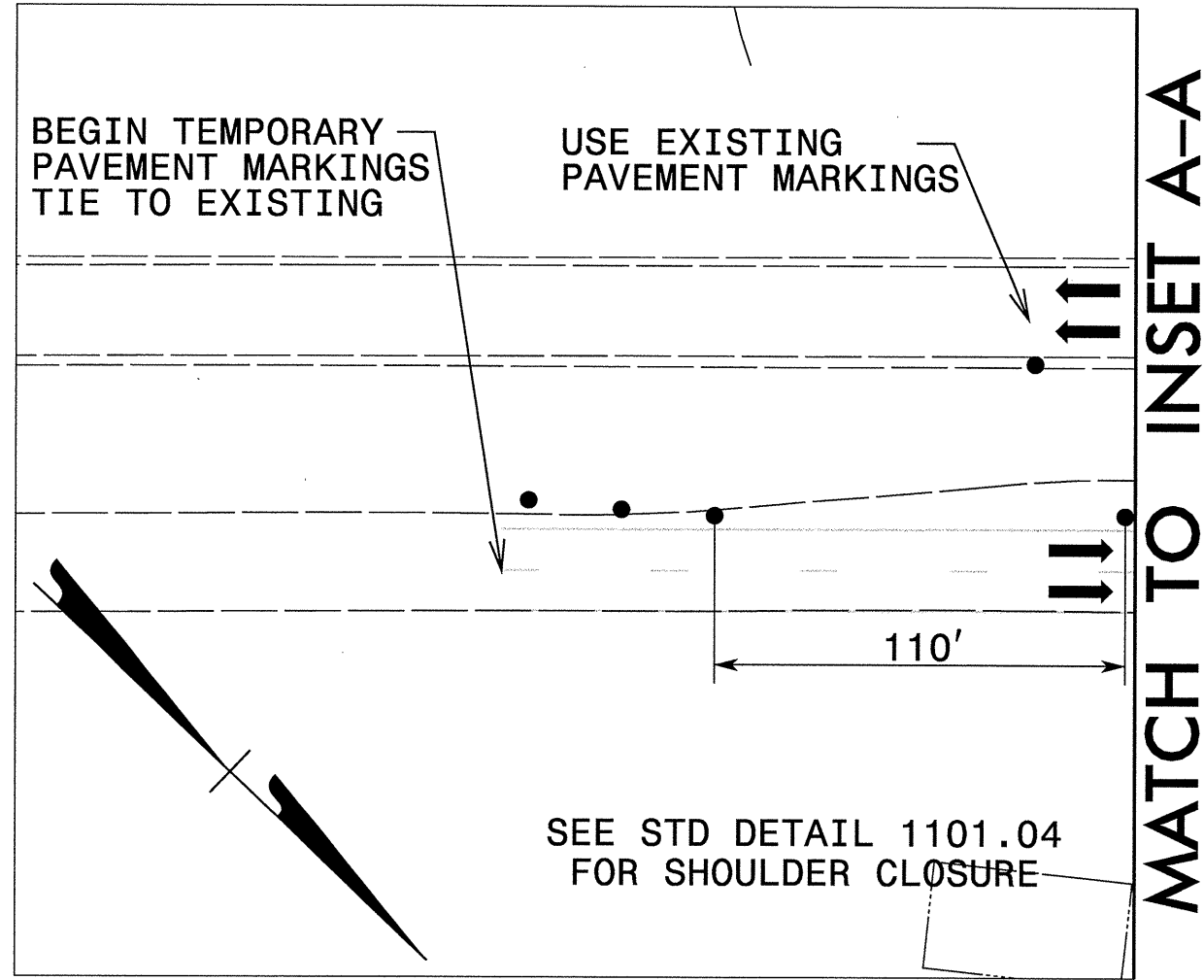
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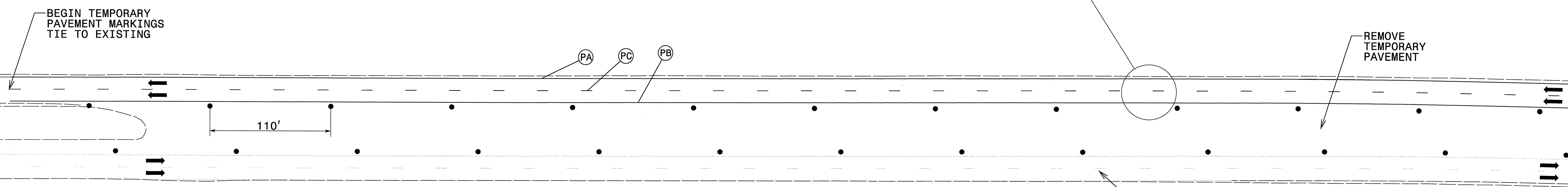
SUSAN HADLEY KEEN

PHASE IV OVERVIEW		REVISIONS
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DATE:	05/26/09	
DWG. BY:	bb	
DESIGN BY:	sk	
REVIEWED BY:	be	





MATCH TO INSET A-A



MATCH TO SHEET TCP-63 -L- STA. 23+00

MURCHISON RD

NOTE: ALL LANES ARE 12' UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" PAINT	(QC) ↑	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) ↶	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PE) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PF) YELLOW EDGELINE	4" PAINT	(QT) R ONLY	WHITE CHARACTERS	PAINT
(PG) 10' WHITE SKIP	4" PAINT			
(PH) 2' WHITE MINISKIP	4" PAINT			
(PI) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PK) WHITE GORELINE	8" PAINT			
(PL) WHITE LINE (RR)	16" PAINT			
(PM) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE IV
DETAIL**

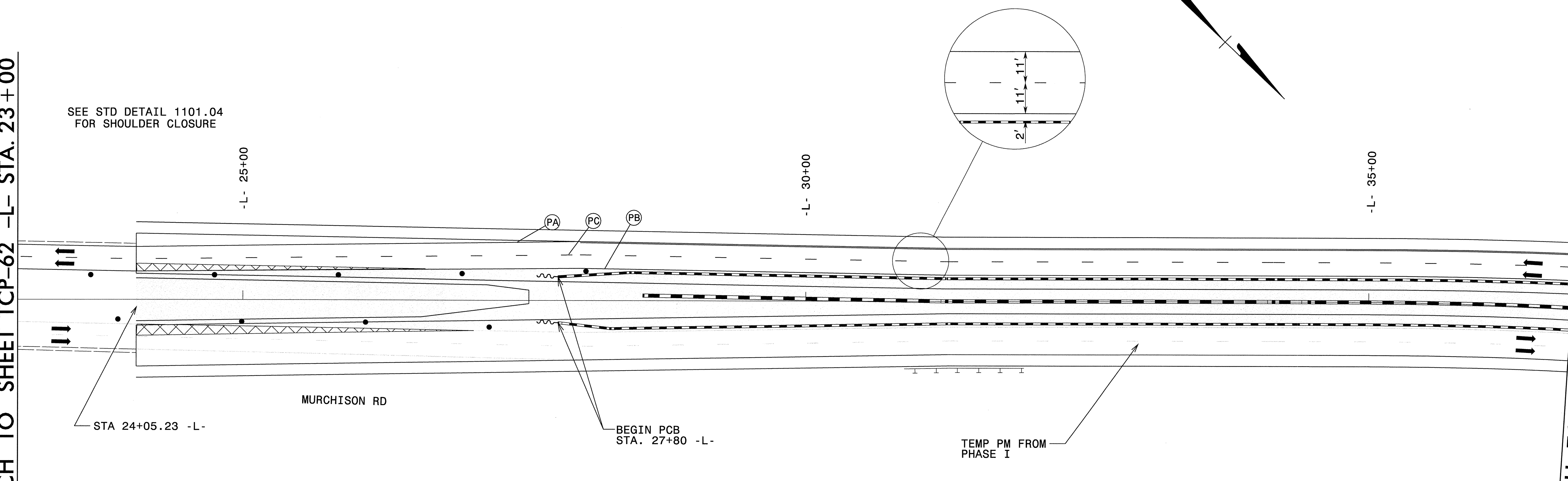
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REVIEWED BY: be		

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MATCH TO SHEET TCP-62 -L- STA. 23+00

MATCH TO SHEET TCP-64 -L- STA. 36+80

SEE STD DETAIL 1101.04
FOR SHOULDER CLOSURE



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

CA	WHITE EDGELINE	4" PAINT	QA	WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
CB	YELLOW EDGELINE	4" PAINT	QB	WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
CC	10' WHITE SKIP	4" PAINT	QC	WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
CD	2' WHITE MINISKIP	4" PAINT	QD	WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
PA	WHITE EDGELINE	4" PAINT	QE	WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
PB	YELLOW EDGELINE	4" PAINT	QI	R ONLY WHITE CHARACTERS	PAINT
PC	10' WHITE SKIP	4" PAINT			
PD	2' WHITE MINISKIP	4" PAINT			
PE	WHITE SOLID LANE LINE	4" PAINT			
PF	YELLOW DOUBLE CENTER	4" PAINT			
PG	WHITE GORELINE	8" PAINT			
PH	WHITE LINE (RR)	16" PAINT			
PI	WHITE STOP BAR	24" PAINT			

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE IV
DETAIL**

SCALE: 1:50		REVISIONS	
DATE: 05/26/09			
DWG. BY: bb			
DESIGN BY: sk			
REVIEWED BY: bb			

26-MAY-2009 08:57 \\fsrl03\Projects\1835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_PH4_DSH02.dgn

MATCH TO SHEET TCP-63 -L- STA. 36+80

MATCH TO SHEET TCP-65 -L- STA. 48+20

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	WHITE RIGHT TURN	
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QC) WHITE STRAIGHT	
(PB) YELLOW EDGELINE	4" PAINT	ARROW MARKING SYMBOL	PAINT
(PC) 10' WHITE SKIP	4" PAINT	(QD) WHITE LEFT/STRAIGHT	
(PD) 2' WHITE MINISKIP	4" PAINT	ARROW MARKING SYMBOLS	PAINT
(PE) WHITE SOLID LANE LINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT	
(PT) YELLOW DOUBLE CENTER	4" PAINT	ARROW MARKING SYMBOLS	PAINT
(PR) WHITE GORELINE	8" PAINT	(QT) R ONLY	WHITE CHARACTERS
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

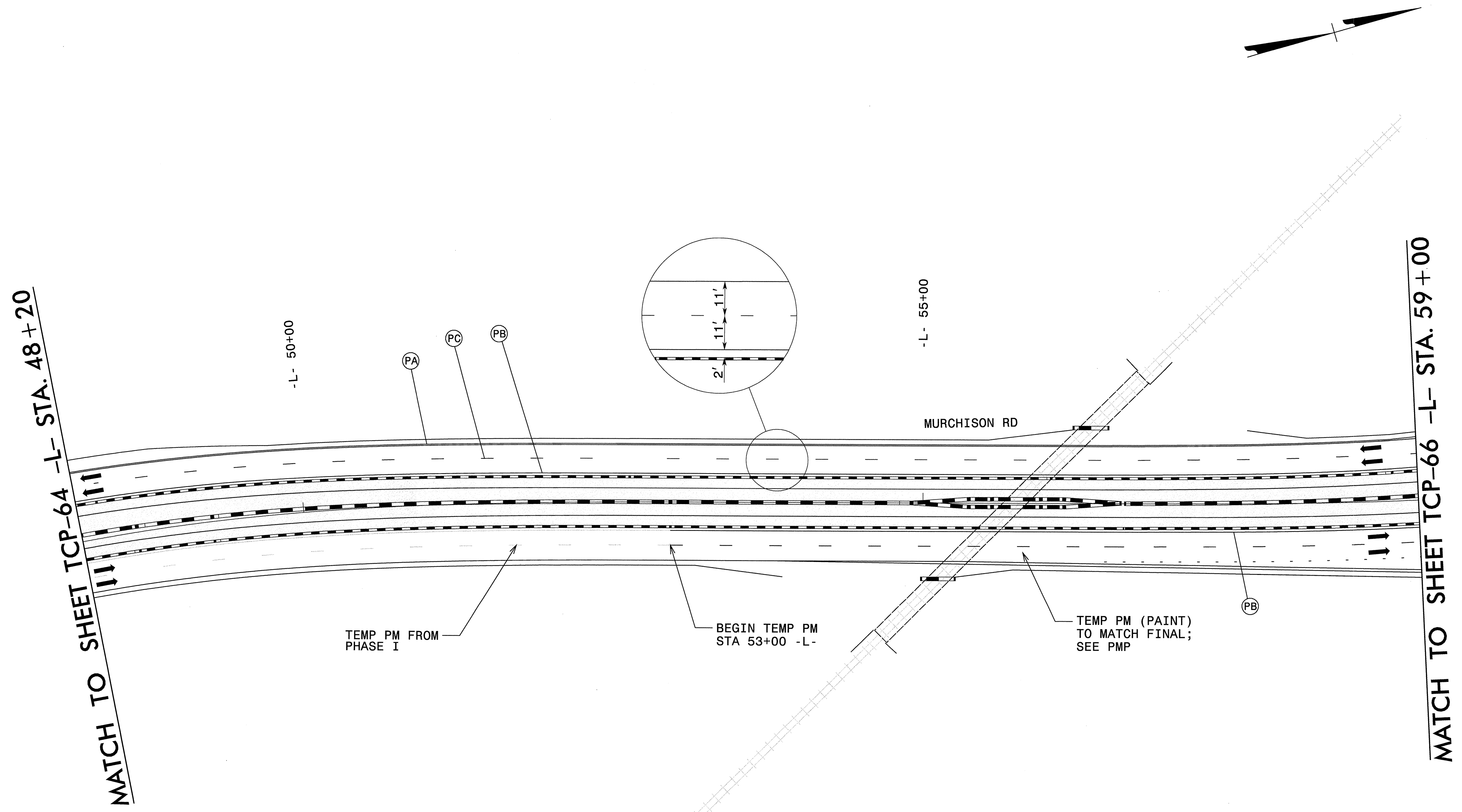
APPROVED: _____ DATE: _____

SEAL

**PHASE IV
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/08		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		CADD FILE

22-MAY-2009 08:08 \\fsr\03\Projects\835\Design\U-4444\Roadway\Pro\U-4444AA\TCP\U-4444AA.TCP_P44_DS03.dgn



MATCH TO SHEET TCP-64 -L- STA. 48+20

MATCH TO SHEET TCP-66 -L- STA. 59+00

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" PAINT	(QC) ↵	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) ↶	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PT) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(PS) WHITE LINE (RR)	16" PAINT			
(PA) WHITE STOP BAR	24" PAINT			

TEMP PM FROM PHASE I

BEGIN TEMP PM STA 53+00 -L-

TEMP PM (PAINT) TO MATCH FINAL; SEE PMP

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

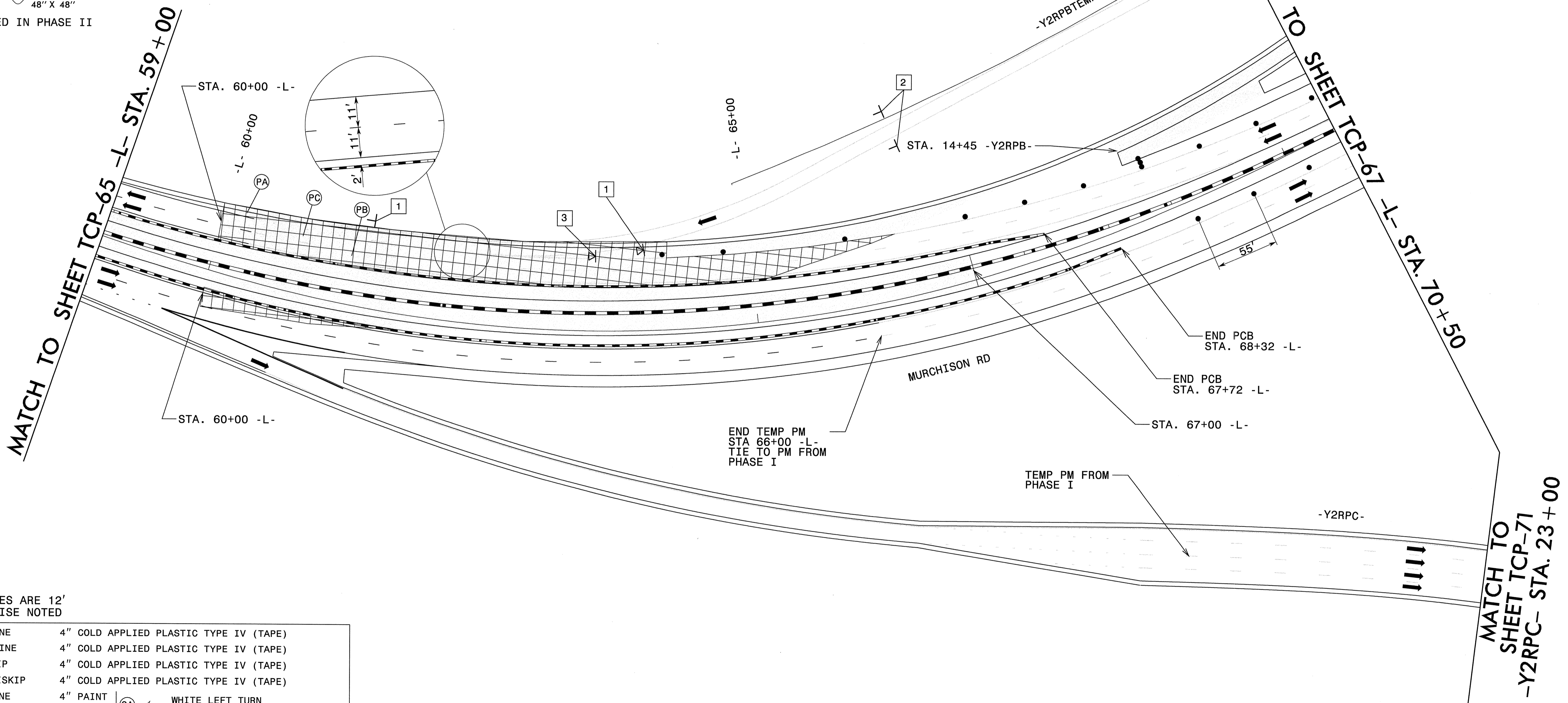
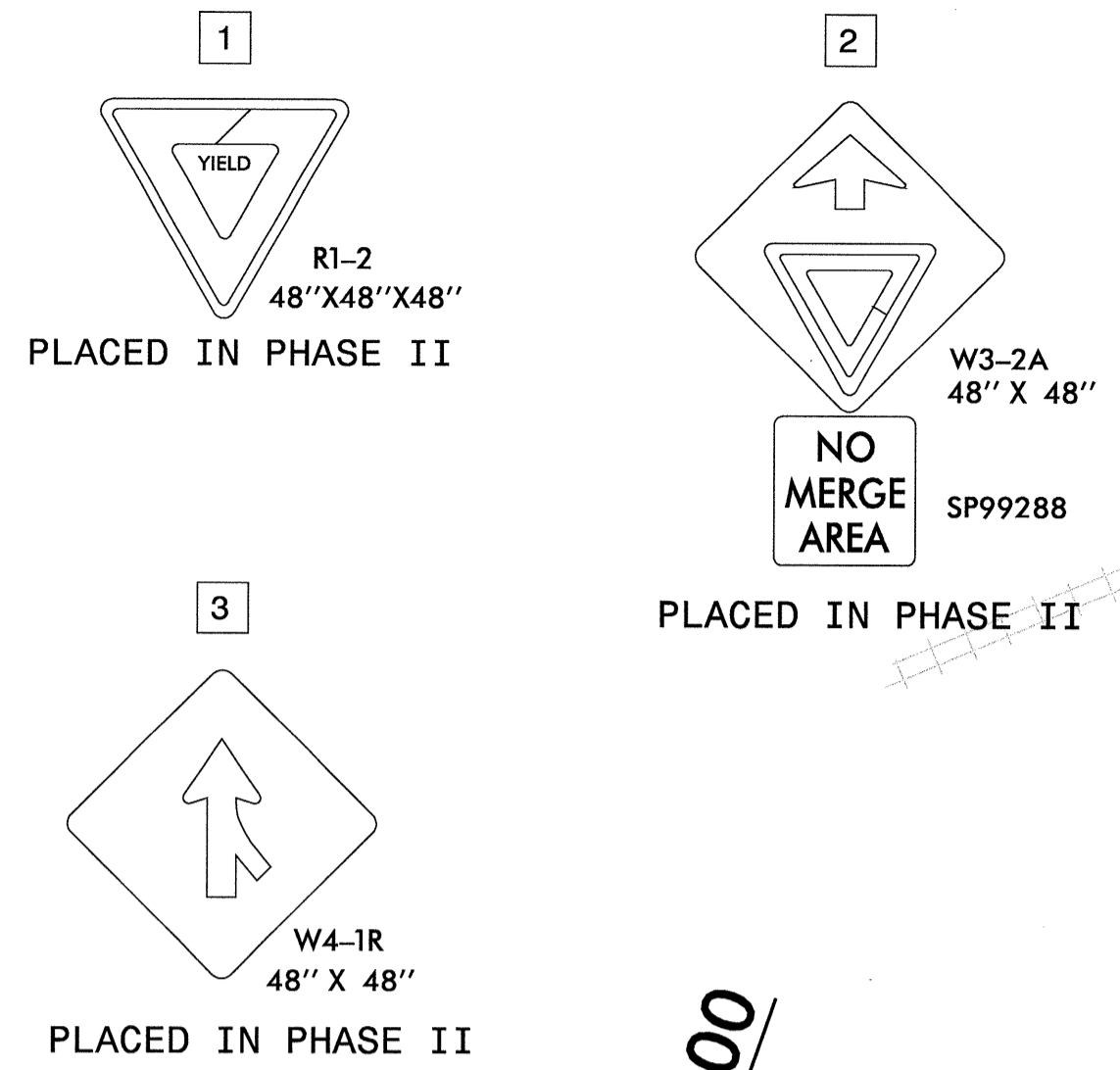
APPROVED: _____ DATE: _____

SEAL

**PHASE IV
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: bb		

22-MAY-2009 09:32 \\fsrd03\Projects\1835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_PH4_DSH04.dgn



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	PAIN
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAIN
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↕	WHITE STRAIGHT	PAIN
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAIN
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAIN
(PB) YELLOW EDGELINE	4" PAINT	(QF) ↕	WHITE STRAIGHT	PAIN
(PC) 10' WHITE SKIP	4" PAINT	(QG) ↶	WHITE LEFT/STRAIGHT	PAIN
(PD) 2' WHITE MINISKIP	4" PAINT	(QH) ↷	WHITE RIGHT/STRAIGHT	PAIN
(PE) WHITE SOLID LANE LINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAIN
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

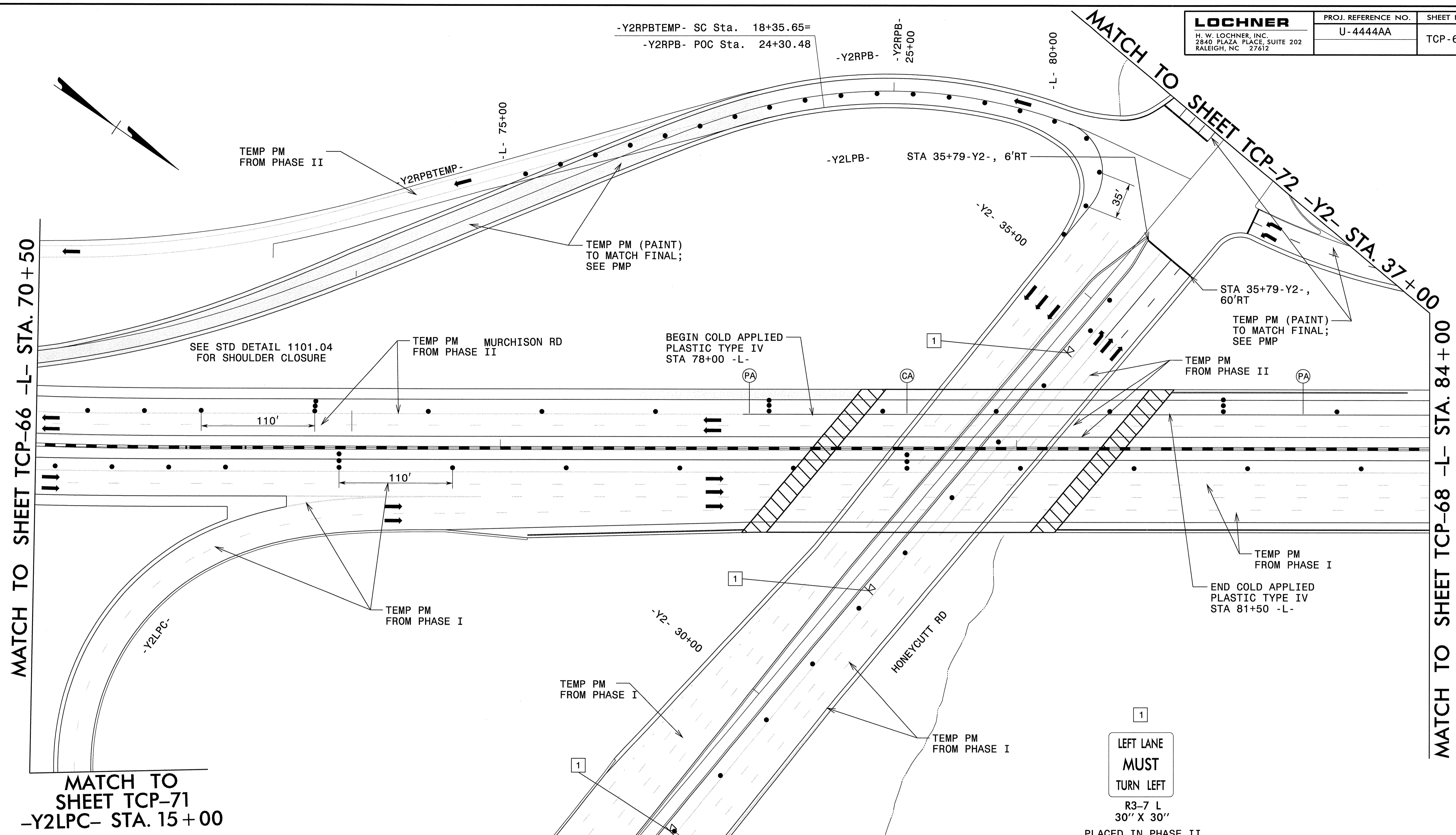
**PHASE IV
DETAIL**

SCALE: 1:50
DATE: 05/26/09
DWG. BY: bb
DESIGN BY: sk
REVIEWED BY: bb

REVISIONS	

CADD FILE

22-MAY-2009 10:13 \\Fsra03\Projects\1835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA-TCP-PH4_DSH05.dgn skenn AT WSHAR-KEEN



MATCH TO SHEET TCP-66 -L- STA. 70+50

MATCH TO SHEET TCP-68 -L- STA. 84+00

MATCH TO SHEET TCP-71
-Y2LPC- STA. 15+00

MATCH TO SHEET TCP-71
-Y2- STA. 26+00

1
LEFT LANE
MUST
TURN LEFT
R3-7 L
30" X 30"
PLACED IN PHASE II

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) WHITE RIGHT TURN	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QC) WHITE STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	ARROW MARKING SYMBOL	PAINT
(PC) 10' WHITE SKIP	4" PAINT	(QD) WHITE LEFT/STRAIGHT	PAINT
(PD) 2' WHITE MINISKIP	4" PAINT	ARROW MARKING SYMBOLS	PAINT
(PE) WHITE SOLID LANE LINE	4" PAINT	(QE) WHITE RIGHT/STRAIGHT	PAINT
(PJ) YELLOW DOUBLE CENTER	4" PAINT	ARROW MARKING SYMBOLS	PAINT
(PR) WHITE GORELINE	8" PAINT	(QT) R ONLY WHITE CHARACTERS	PAINT
(P3) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND

	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

STATE OF NORTH CAROLINA
SUSAN HADLEY KEENE
ENGINEER
09034054

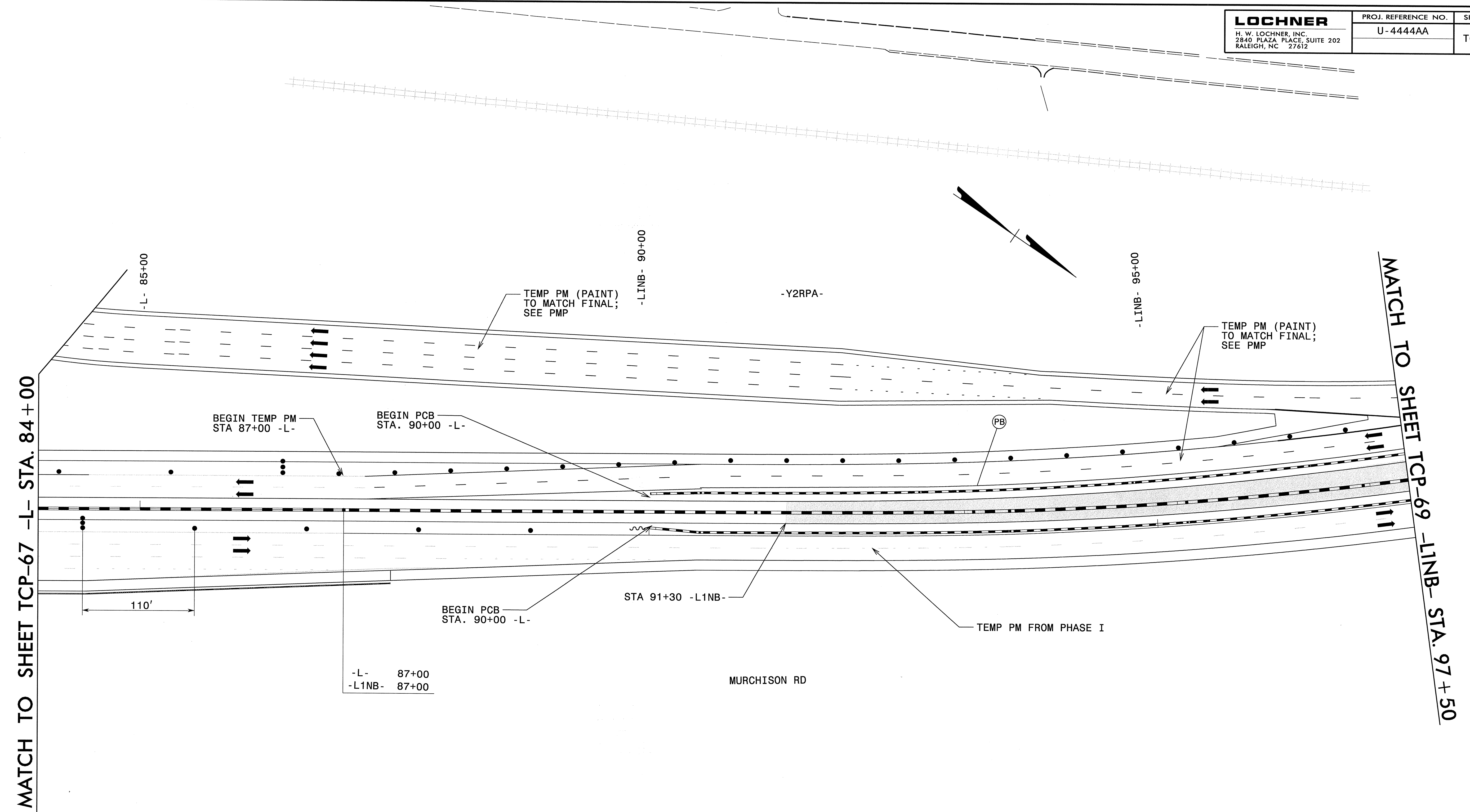
PHASE IV DETAIL

SCALE: 1:50
DATE: 05/26/09
DWG. BY: bb
DESIGN BY: sk
REVIEWED BY: be

REVISIONS

CADD FILE

22-JUN-2009 08:55
\\Fsrd003\Projects\1835\Design\U-4444\Roadway\Proj\U-4444AA\TCP-U-4444AA_TCP-PH4_DSH06.dgn
skben AT WSHAR-KEEN



MATCH TO SHEET TCP-67 -L- STA. 84+00

MATCH TO SHEET TCP-69 -L1NB- STA. 97+50

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶ WHITE LEFT TURN ARROW MARKING SYMBOLS	PAINT
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷ WHITE RIGHT TURN ARROW MARKING SYMBOLS	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑ WHITE STRAIGHT ARROW MARKING SYMBOL	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶ WHITE LEFT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷ WHITE RIGHT/STRAIGHT ARROW MARKING SYMBOLS	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QT) R ONLY WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT		
(PD) 2' WHITE MINISKIP	4" PAINT		
(PE) WHITE SOLID LANE LINE	4" PAINT		
(PT) YELLOW DOUBLE CENTER	4" PAINT		
(PR) WHITE GORELINE	8" PAINT		
(PS) WHITE LINE (RR)	16" PAINT		
(P4) WHITE STOP BAR	24" PAINT		

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

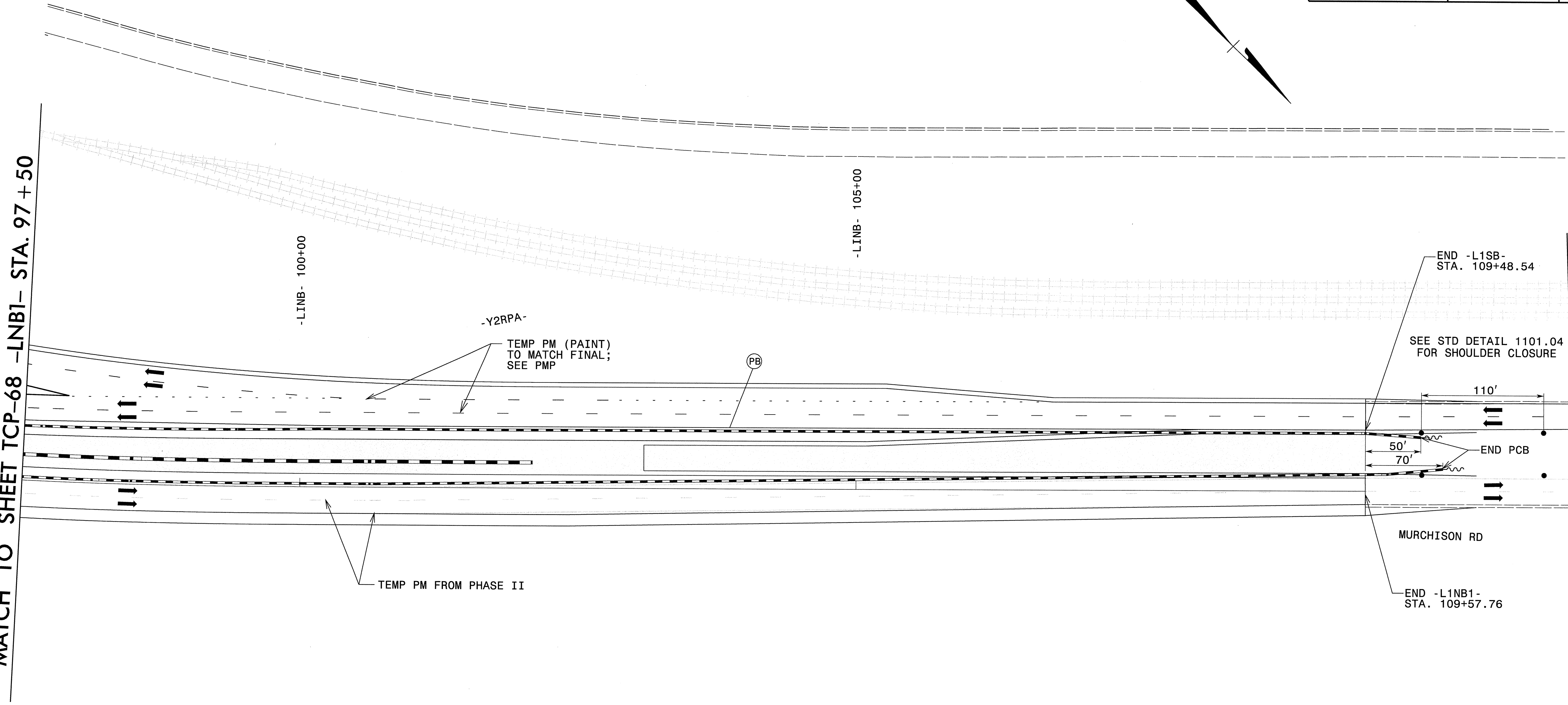
**PHASE IV
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: be		

22-MAY-2009 09:01 \\fsrd03\Projects\835\Design\U-4444\Roadway\Pro\U-4444AA\TCP\U-4444AA_TCP_PH4_DSH07.DGN
skreen AT WSHAR-KEEN

MATCH TO SHEET TCP-68 -LNB1- STA. 97+50

MATCH TO SHEET TCP-70



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) ↙	WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" PAINT	(QB) ↘	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" PAINT	(QC) →	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) ↙	WHITE LEFT/STRAIGHT	PAINT
(PE) WHITE EDGELINE	4" PAINT	(QE) ↘	WHITE RIGHT/STRAIGHT	PAINT
(PF) YELLOW EDGELINE	4" PAINT	(QT) R ONLY	WHITE CHARACTERS	PAINT
(PG) 10' WHITE SKIP	4" PAINT			
(PH) 2' WHITE MINISKIP	4" PAINT			
(PI) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PK) WHITE GORELINE	8" PAINT			
(PL) WHITE LINE (RR)	16" PAINT			
(PM) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

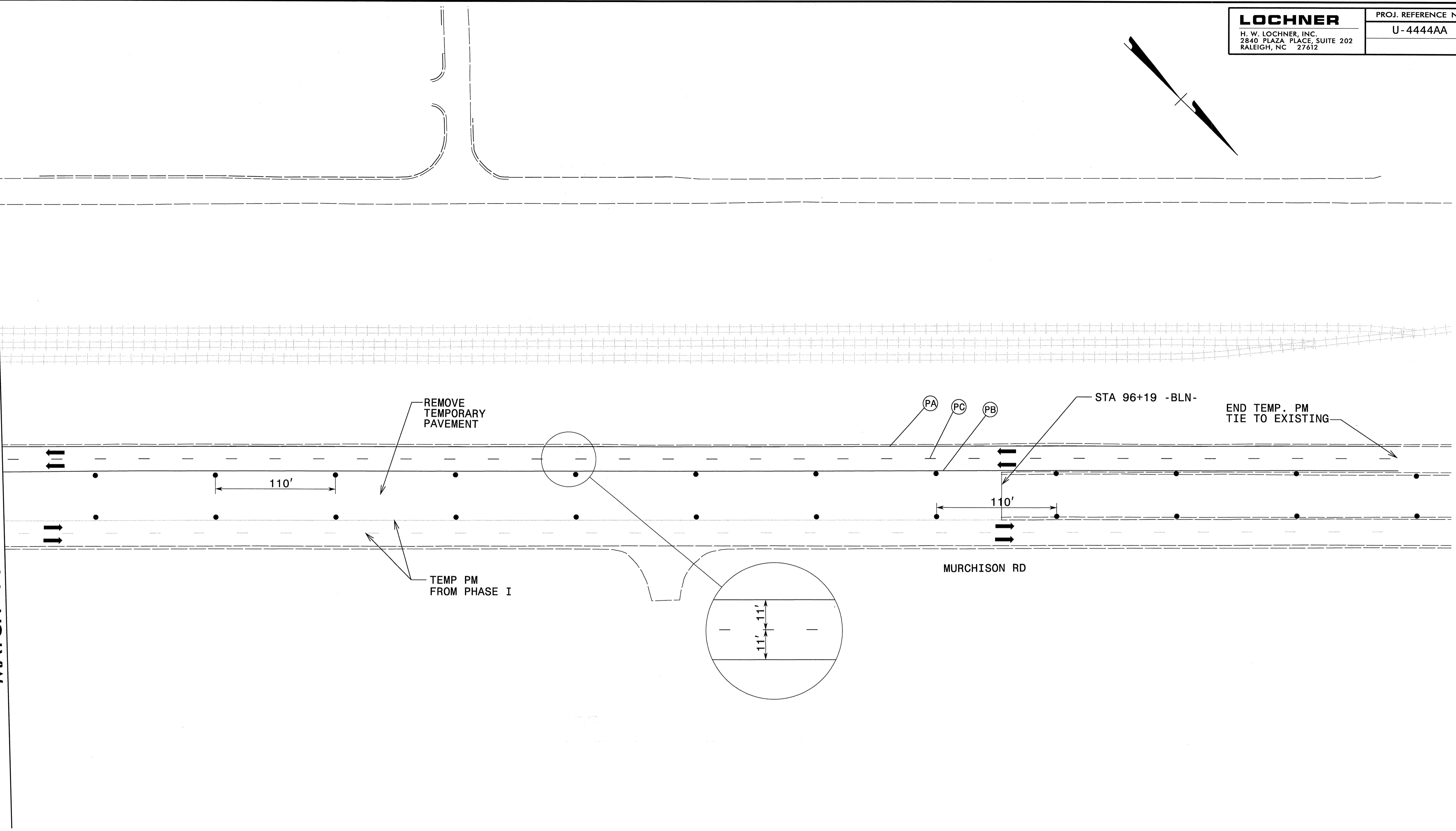
SEAL

**PHASE IV
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: SK		
REVIEWED BY: be		

26-MAY-2009 08:13 \\fsrd03\Projects\835\Design\U-4444\Roadway\Proj\U-4444AA\TCP\U-4444AA_TCP_PH4_DSH08.DGN
skreen AT WSHAR-KEEN

MATCH TO SHEET TCP-69



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" PAINT	(QA) ↶	WHITE LEFT TURN	PAINT
(CB) YELLOW EDGELINE	4" PAINT	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" PAINT	(QC) ↶	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" PAINT	(QD) ↷	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↶	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PF) YELLOW DOUBLE CENTER	4" PAINT			
(PG) WHITE GORELINE	8" PAINT			
(PH) WHITE LINE (RR)	16" PAINT			
(PJ) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

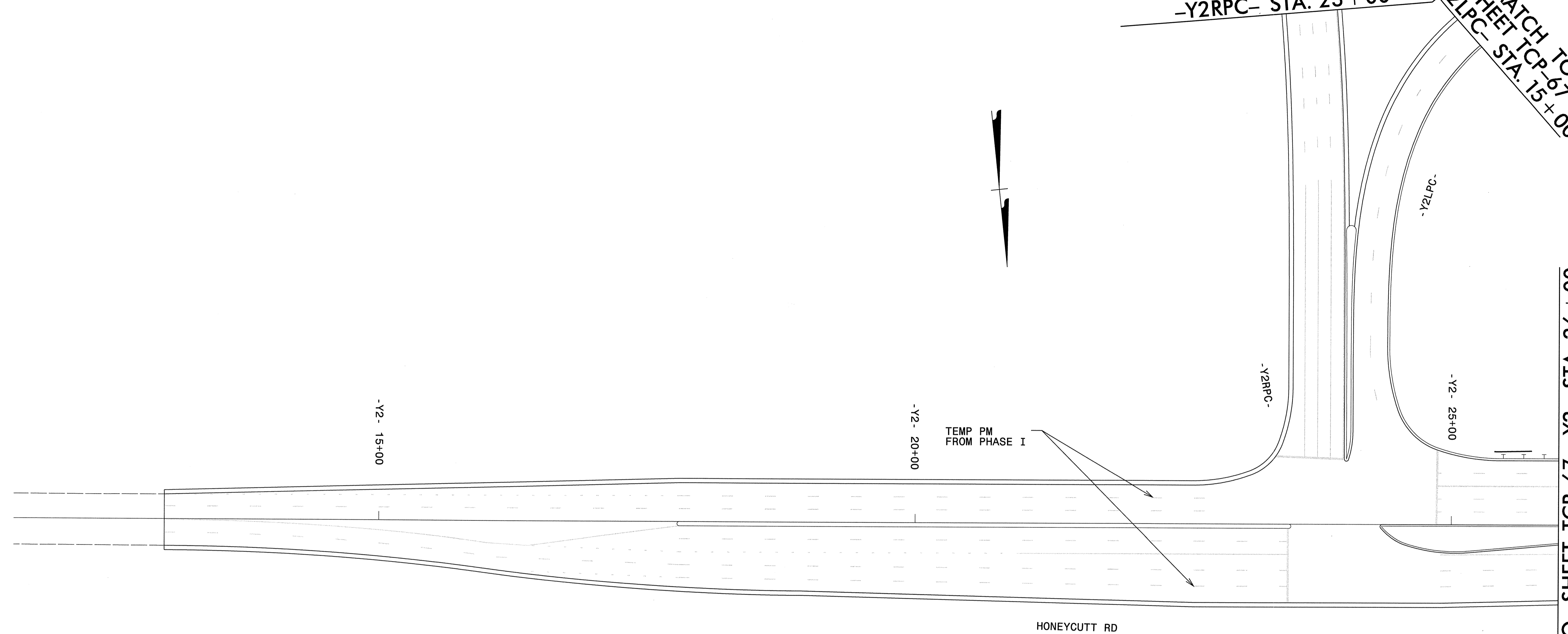
**PHASE IV
DETAIL**

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DATE: 05/26/09			
DWG. BY: bb			
DESIGN BY: sk			
REVIEWED BY: be			

22-MAY-2009 09:03 \\Fsral03\p\o\fects\1835\Design\U-4444\Roadway\Pro\U-4444AA\TCP\U-4444AA_TCP_PH4_DSH09.DGN
skreen AT WSHAR-KEEN

MATCH TO SHEET TCP-66
-Y2RPC- STA. 23+00

MATCH TO SHEET TCP-67
-Y2LPC- STA. 15+00



MATCH TO SHEET TCP-67 -Y2- STA. 26+00

HONEYCUTT RD

TEMP PM
FROM PHASE I

-Y2- 15+00

-Y2- 20+00

-Y2RPC-

-Y2LPC-

-Y2- 25+00

NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↙	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↘	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↑	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↗	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↘	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QJ) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(PJ) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

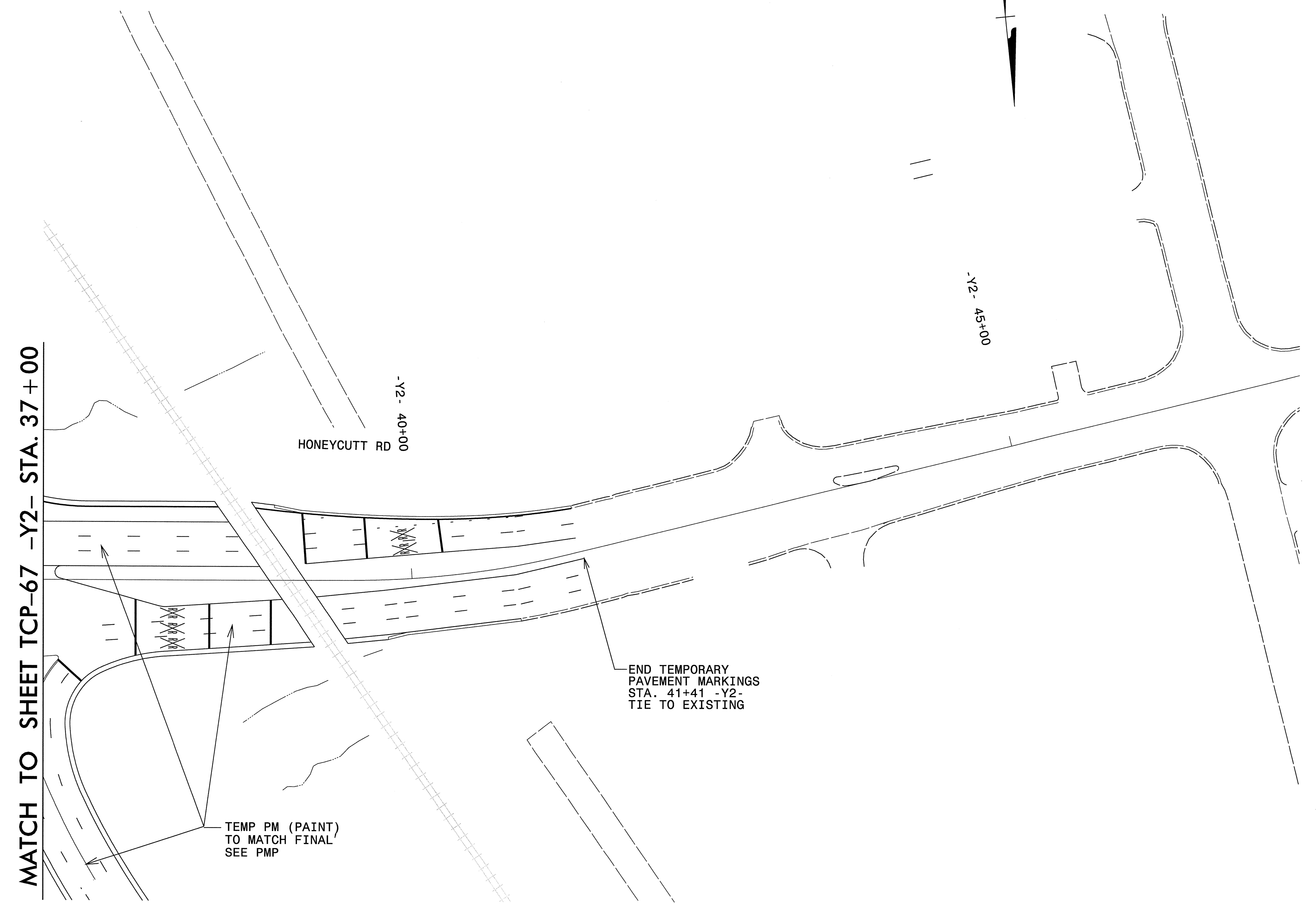
APPROVED: _____ DATE: _____

SEAL

**PHASE IV
DETAIL**

SCALE: 1:50		REVISIONS
DATE: 05/26/09		
DWG. BY: bb		
DESIGN BY: sk		
REVIEWED BY: db		

22-JUN-2009 10:15
N:\p0103\T\Roadway\U-4444\Roadway\Prj\U-4444AA\TCP\U-4444AA-TCP_P14_DSH0.dgn
skben AT WSHAR-KEEN



NOTE: ALL LANES ARE 12'
UNLESS OTHERWISE NOTED

(CA) WHITE EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QA) ↶	WHITE LEFT TURN	
(CB) YELLOW EDGELINE	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QB) ↷	WHITE RIGHT TURN	PAINT
(CC) 10' WHITE SKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QC) ↵	WHITE STRAIGHT	PAINT
(CD) 2' WHITE MINISKIP	4" COLD APPLIED PLASTIC TYPE IV (TAPE)	(QD) ↶	WHITE LEFT/STRAIGHT	PAINT
(PA) WHITE EDGELINE	4" PAINT	(QE) ↷	WHITE RIGHT/STRAIGHT	PAINT
(PB) YELLOW EDGELINE	4" PAINT	(QI) R ONLY	WHITE CHARACTERS	PAINT
(PC) 10' WHITE SKIP	4" PAINT			
(PD) 2' WHITE MINISKIP	4" PAINT			
(PE) WHITE SOLID LANE LINE	4" PAINT			
(P1) YELLOW DOUBLE CENTER	4" PAINT			
(PR) WHITE GORELINE	8" PAINT			
(P3) WHITE LINE (RR)	16" PAINT			
(P4) WHITE STOP BAR	24" PAINT			

LEGEND	
	PROPOSED TEMPORARY PAVEMENT
	PROPOSED WORK AREA
	PROP WEDGING USING TEMP LANE CLOSURE

APPROVED: _____ DATE: _____

SEAL

**PHASE IV
DETAIL**

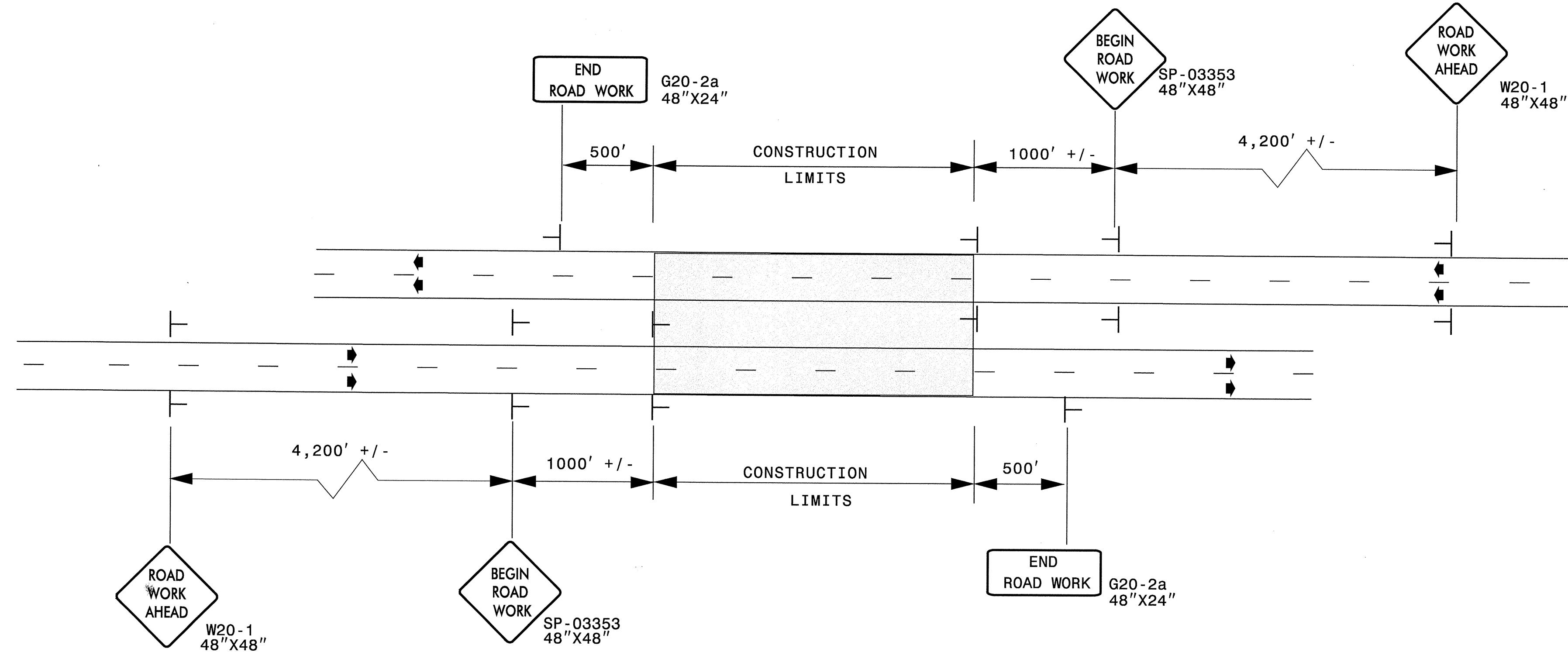
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DESIGN BY: sk		
REVIEWED BY: be		

22-JUN-2009 08:54
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 skreen AT WSHAR-KEEN

ADVANCED WORK ZONE WARNING SIGNING FOR FREEWAYS (4 LANES OR GREATER)

LOCHNER H. W. LOCHNER, INC. 2840 PLAZA PLACE, SUITE 202 RALEIGH, NC 27612	PROJ. REFERENCE NO. U-4444AA	SHEET NO. TCP-73
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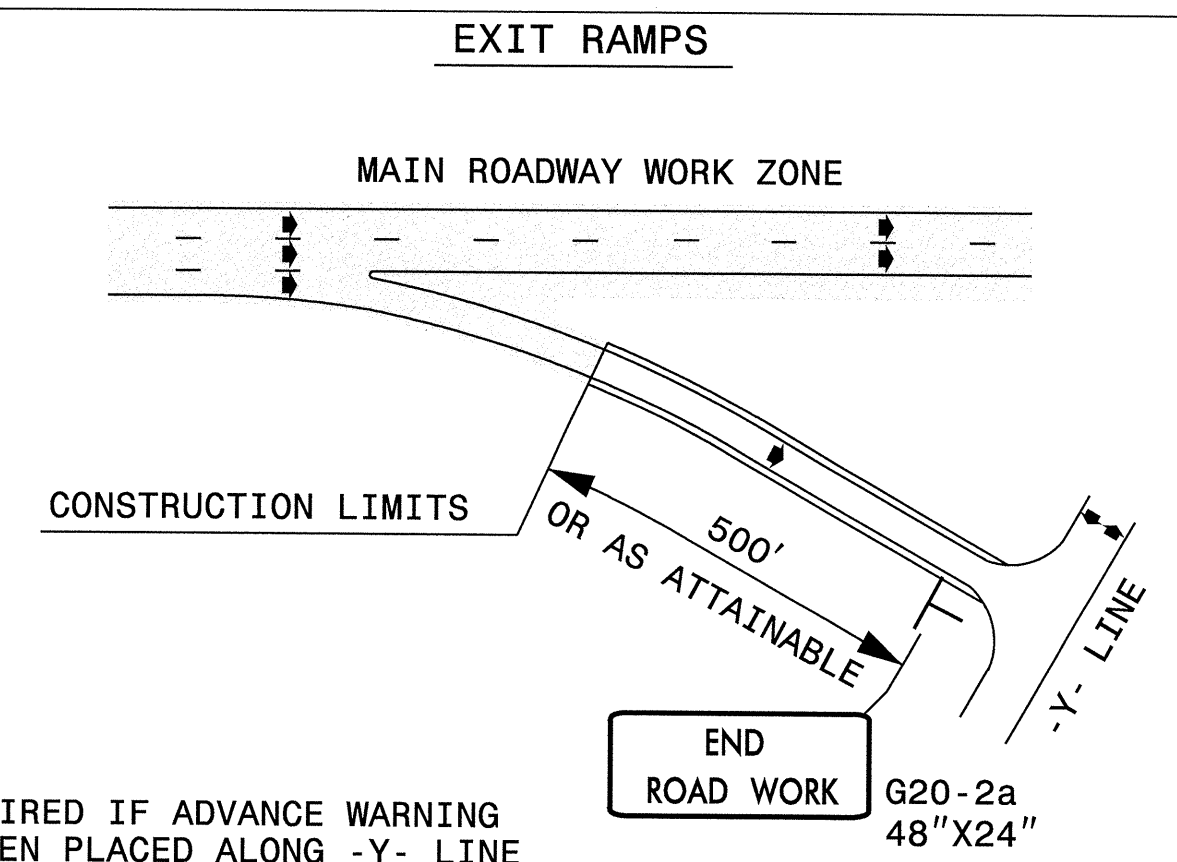
DETAIL A



LEGEND	
	STATIONARY SIGN
➔	DIRECTION OF TRAFFIC FLOW

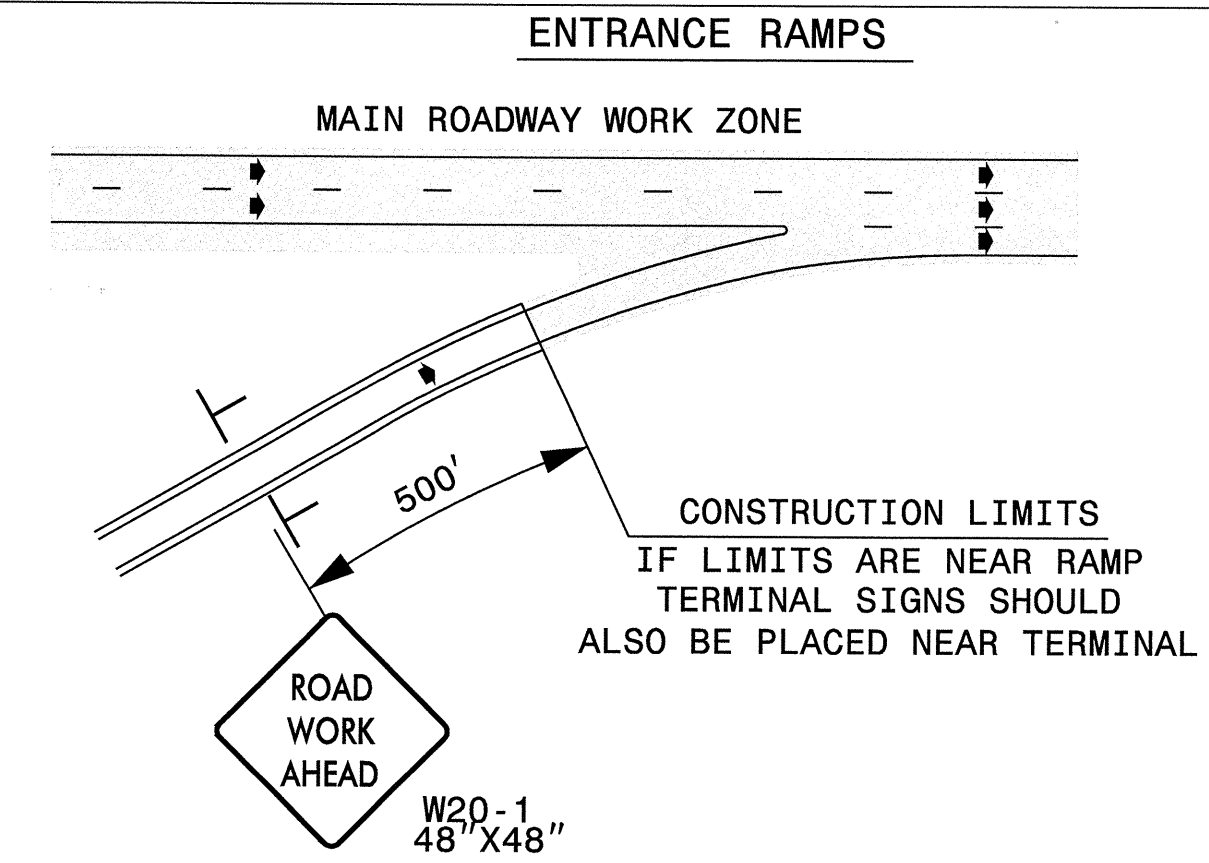
* USE THE "\$250 SPEEDING PENALTY" SIGN, SPEED LIMIT SIGN, AND ORANGE PANEL; ONLY WHEN A "\$250 SPEEDING PENALTY" ORDINANCE HAS BEEN ISSUED BY THE REGIONAL TRAFFIC ENGINEER.

DETAIL B



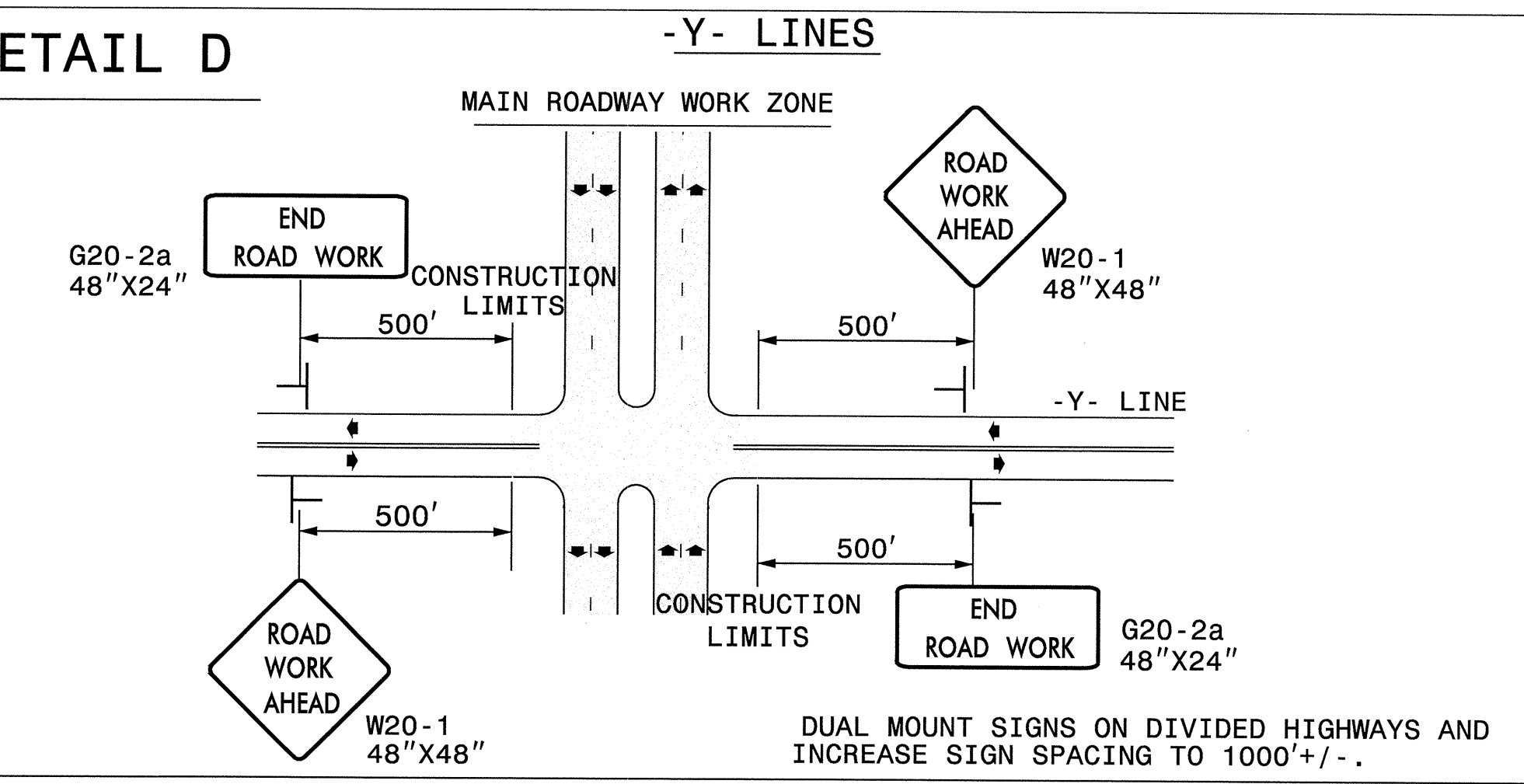
NOTE: SIGN NOT REQUIRED IF ADVANCE WARNING SIGNS HAVE BEEN PLACED ALONG -Y- LINE THAT RAMP INTERSECTS. IF CONSTRUCTION LIMITS ARE AT END OF RAMP, PLACE SIGN AT END OF RAMP.

DETAIL C



CONSTRUCTION LIMITS IF LIMITS ARE NEAR RAMP TERMINAL SIGNS SHOULD ALSO BE PLACED NEAR TERMINAL

DETAIL D



DUAL MOUNT SIGNS ON DIVIDED HIGHWAYS AND INCREASE SIGN SPACING TO 1000'+/-.

GENERAL NOTES

- USE FLUORESCENT ORANGE SHEETING (TYPE VII OR HIGHER) ON ALL ADVANCED WORK ZONE SIGNS.
- DO NOT INSTALL ADVANCE WARNING SIGNS MORE THAN 3 DAYS PRIOR TO BEGINNING OF WORK.
- SIGNS SHOWN ARE REQUIRED FOR WORK ZONES THAT WILL REMAIN IN EFFECT OVERNIGHT. FOR SHORT-TERM DAILY MAINTENANCE TYPE OPERATIONS, THIS SIGNING APPLICATION IS OPTIONAL; MAY USE ONLY APPLICABLE ROADWAY STANDARD DRAWINGS INSTEAD. HOWEVER, IF THIS SIGNING APPLICATION IS USED, SIGNS MAY BE PORTABLE MOUNTED.
- ALL SIGN SPACING DIMENSIONS ARE APPROXIMATE, FIELD ADJUST AS NECESSARY OR AS DIRECTED.
- USE 3LB STEEL U-CHANNEL POST OR 4" X 4" WOOD POST FOR ALL WORK ZONE SIGNS. 3LB STEEL U-CHANNEL POSTS MUST MEET THE REQUIREMENTS OF STANDARD SPECIFICATION SECTION 1094-1(B), MAY BE GALVANIZED STEEL, OR MAY BE PAINTED GREEN BY THE POST MANUFACTURER. SQUARE STEEL TUBING POSTS HAVING EQUIVALENT STRENGTH OF THE 3 LB STEEL U-CHANNEL POST ARE ALSO ACCEPTABLE FOR USE. ERECT SIGNS PER ROADWAY STANDARD DRAWING 1110.01. PAYMENT FOR WOOD POSTS, 3LB STEEL U-CHANNEL AND SQUARE STEEL TUBING POSTS WITH SIGNS WILL BE MADE ACCORDING TO STANDARD SPECIFICATION "WORK ZONE SIGNS" SECTION 1110.
- WHEN NECESSARY, USE SPLICING IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1110.01. REMOVE ENTIRE POST WHEN REMOVING SIGNS WITH SPLICED POSTS.
- DO NOT BACK BRACE SIGN SUPPORTS.

APPROVED: _____ DATE: _____	ADVANCED WORK ZONE WARNING SIGNS FOR FREEWAYS (4 LANES OR GREATER)							
	SCALE: NONE							
	DATE: 05/26/09							
	DESIGN BY: bb							
	REVIEWED BY: be							
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REVISIONS								

19-MAY-2009 09:05 \\fsr003\Projects\1835\Design\U-4444\Roadway\Proj\U-4444AA\TCP_U4444AA_TCP_AdvanceWarn_Divided.dgn AT WSHAR-KEEN

SP 03353

SIGN NUMBER: SP-03353 TYPE: A QUANTITY: 1 SIGN WIDTH: 4'-0" HEIGHT: 4'-0" TOTAL AREA: 16.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.59" WIDTH: 0.75" RADI: 1.38" NO. Z BARS: N/A LENGTH: N/A	BACKG COLOR: Fluorescent Orange COPY COLOR: Black	DESIGNER: DORNEY PROJECT ID: ALL PROJECTS	CHECKED BY: CHECKED DIV: DIV	STD #: W20-1 DATE: Aug 20, 2003
--	--	--	---------------------------------	------------------------------------

SYMBOL	X	Y	WID	HT

BORDER
R=1.38"
TH=0.75"
IN=0.59"

USE NOTES: 2, 4
1. Legend and border shall be direct applied Type VII reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type VII reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type VII reflective sheeting.
5. Background shall be Type I reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be yellow Type III sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is:

Letter positions										Series/Size	
Letter spacings are to start of next letter										Text Length	
B	E	G	I	N						22.4	C7
22.4	5.3	4.6	5.4	2.5	3.8	22.4					21.6
R	O	A	D								C7
23.4	5	5.2	5.6	3.8	23.4						19.6
W	O	R	K								C7
22.6	6.4	5.6	5.2	4	22.6						21.2

Spacing Factor is 1 unless specified otherwise

SIGN NUMBER: TYPE: B QUANTITY: 2 SIGN WIDTH: 5'-0" HEIGHT: 4'-0" TOTAL AREA: 20 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.47" WIDTH: 0.63" RADI: 1.5" NO. Z BARS: 2 LENGTH: 52.0	BACKG COLOR: Fluorescent Orange COPY COLOR: Black	DESIGN BY: S KEEN PROJECT ID: U-4444AA	CHECKED BY: DIV:	STD #: DATE: MAY 2009
---	--	---	---------------------	--------------------------

SYMBOL	X	Y	WID	HT
ARROW 45°			7.0"	11.0"

BORDER
R=1.5"
TH=0.63"
IN=0.47"

USE NOTES: 1, 4
1. Legend and border shall be direct applied Type VII reflective sheeting.
2. Legend and border shall be direct applied non-reflective sheeting.
3. Shields shall be Type VII reflective sheeting on 0.032" (0.8mm) aluminum and demountable.
4. Background shall be Type VII reflective sheeting.
5. Background shall be Type I reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be yellow Type III sheeting. Legend shall be direct applied black non-reflective sheeting.

Letter positions										Series/Size	
Letter spacings are to start of next letter										Text Length	
H	O	N	E	Y	C	U	T	T		8.2	C7
8.2	13.5	19	24.5	28.7	34	39.3	44.2	48.2			43.6
R	O	A	D								C7
20.3	25.3	30.3	35.7								19.3

Spacing Factor is 1 unless specified otherwise

GENERAL NOTES FOR THE "BEGIN ROAD WORK" SIGN

-SIGN SP-03353 "BEGIN ROAD WORK" ONLY APPLIES TO FULL CONTROL AND PARTIAL CONTROL OF ACCESS ROADWAYS

-WHEN USED, INSTALL SIGN SP-03353 "BEGIN ROAD WORK" ACCORDING TO DETAIL A ON SHEET TCP-73.

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APPROVED: _____	DATE: _____	DETAIL DRAWING FOR SIGN DESIGNS	
		DATE: 05/26/09	
DESIGN BY: sk			
REVIEWED BY: bb			