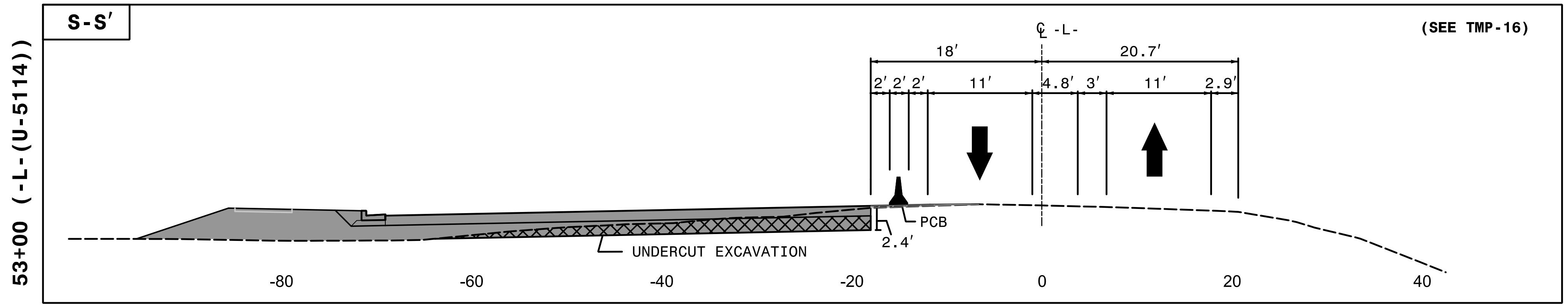
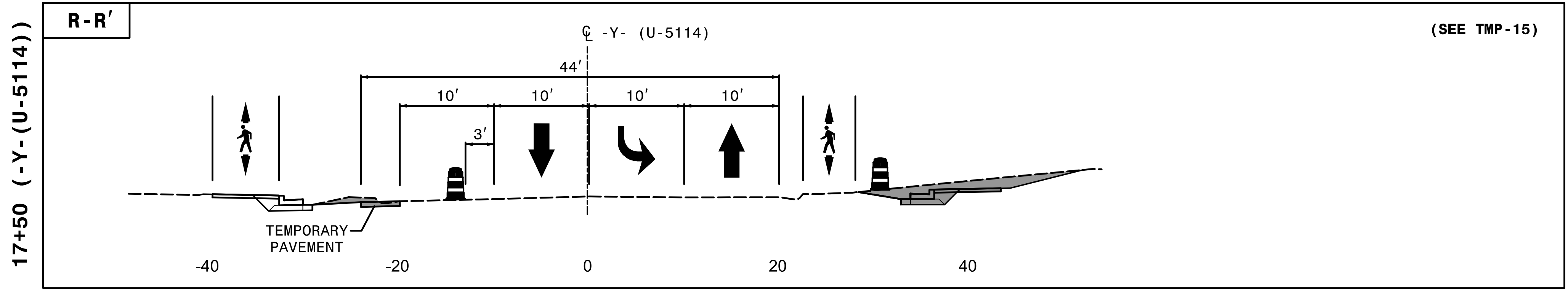
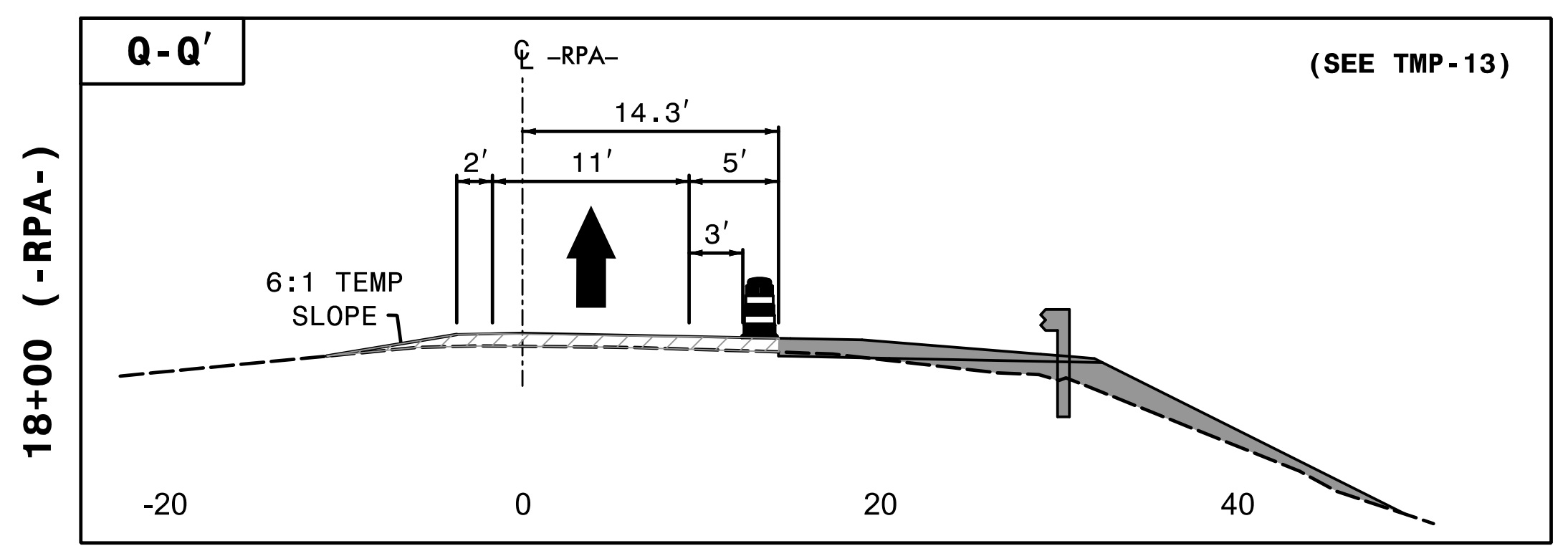
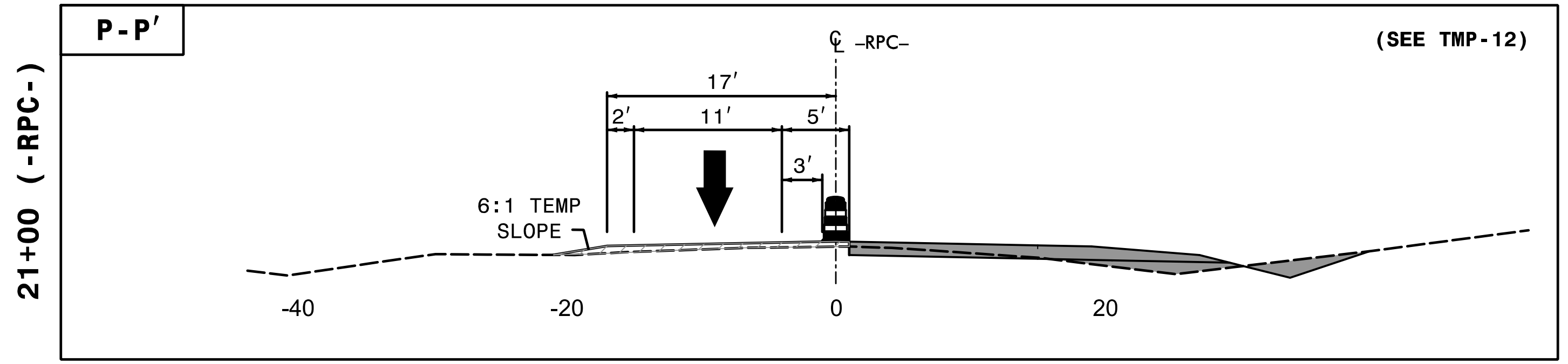


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A11E0AB032E84E9
 DATE: 5/3/2018

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TRANSPORTATION
MANAGEMENT PLAN

**PHASE I
SECTION CUT
DETAIL**

THRU THE DIVISION COORDINATE CONSTRUCTION OF STRUCTURE ON -Y-(I) WITH ADJACENT PROJECT INCLUDING THE PLACEMENT OF PCB ON THE SHOULDERS OF I-77.

ICT
BEHIND TEMPORARY PCB, CONSTRUCT BENT 1. USE NIGHT TIME CLOSURES TO PLACE GIRDERS.

BEGIN CONSTRUCTION OF LEFT SIDE OF -RPA-.

USING LANE CLOSURES CONSTRUCT SB -L-.

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT

BEGIN CONSTRUCTION OF RIGHT SIDE OF -RPB-.

BEHIND BARRIER, COMPLETE UNDERCUT EXCAVATION ON EB -Y-(I-5714).

USING LANE CLOSURES, CONSTRUCT WB -Y-(U).

CLOSE SIDEWALK ON EB -Y-(I), & USING WATER FILLED BARRIER ON EXISTING -Y11-, DETOUR PEDESTRIAN TRAFFIC. CONSTRUCT EB -Y-(I) FROM -Y11- TO STA 17+00+/-.

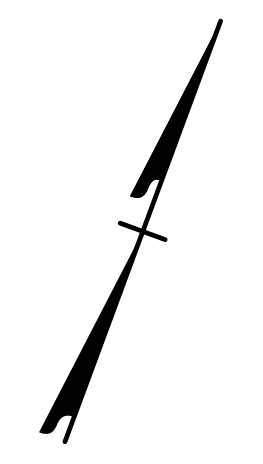
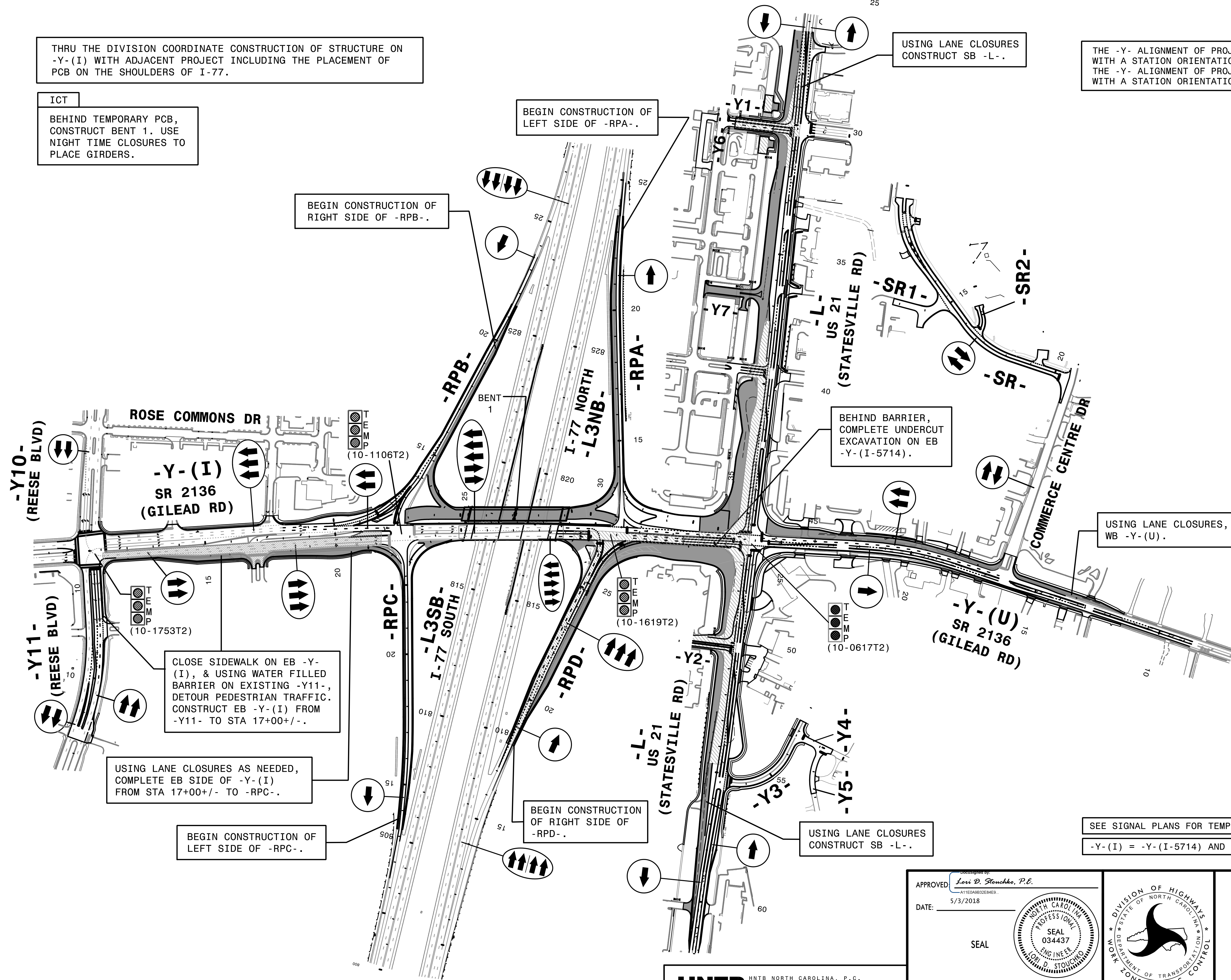
USING LANE CLOSURES AS NEEDED, COMPLETE EB SIDE OF -Y-(I) FROM STA 17+00+/- TO -RPC-.

BEGIN CONSTRUCTION OF LEFT SIDE OF -RPC-.

BEGIN CONSTRUCTION OF RIGHT SIDE OF -RPD-.

USING LANE CLOSURES CONSTRUCT SB -L-.

SEE SIGNAL PLANS FOR TEMPORARY SIGNAL PLANS
-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)



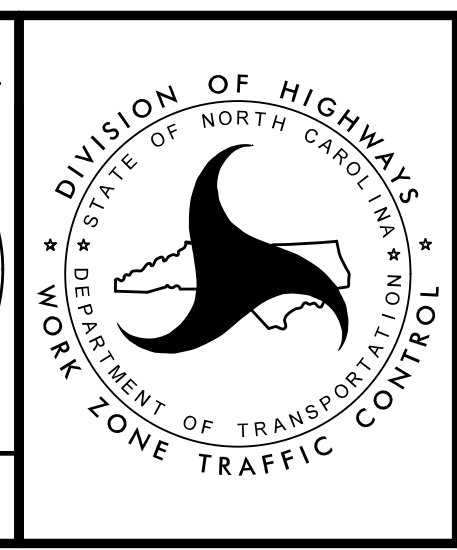
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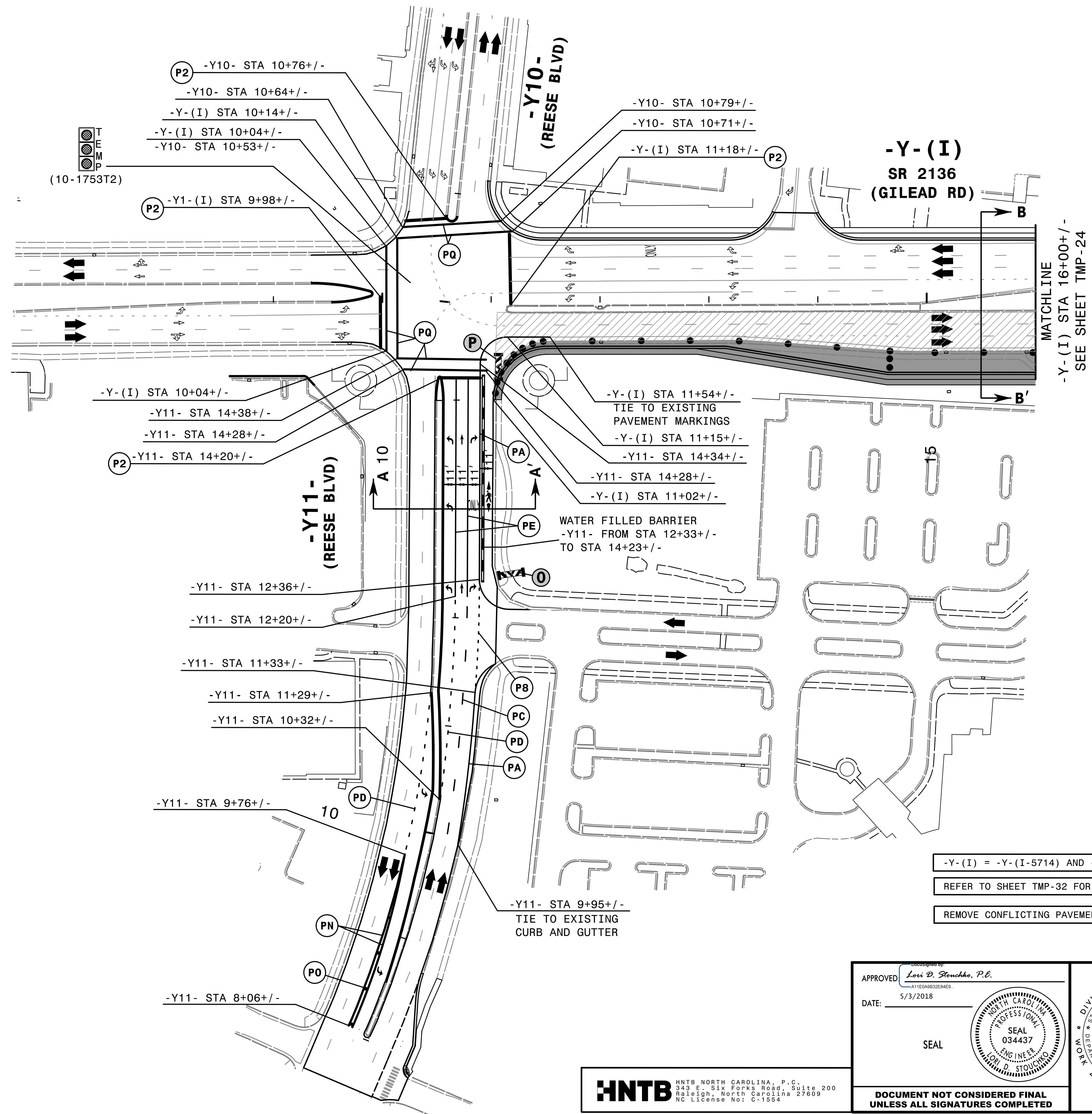
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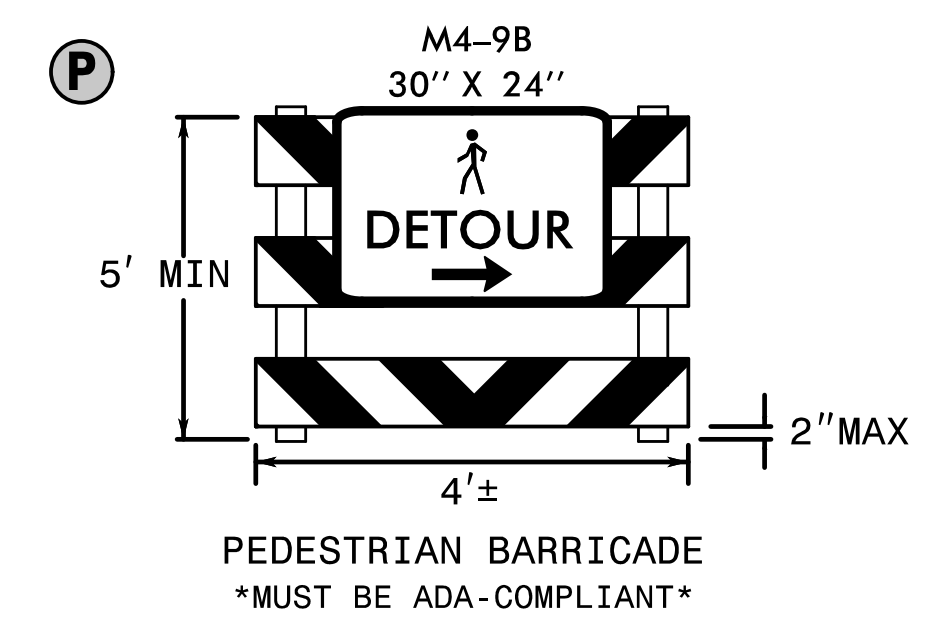
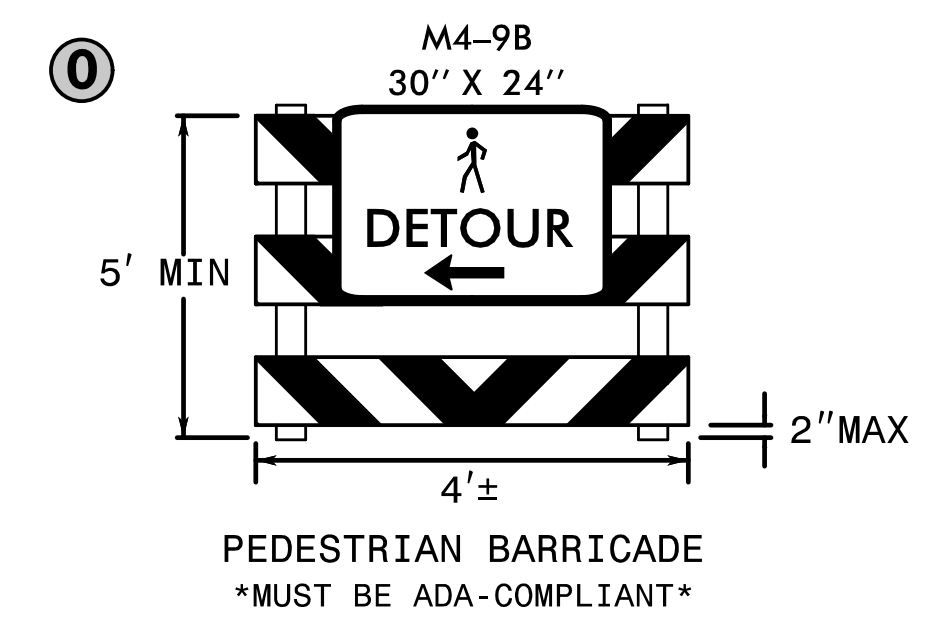
TRANSPORTATION
MANAGEMENT PLAN

PHASE II
OVERVIEW

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



MATCHLINE
-Y-(I) STA 16+00+/-
SEE SHEET TMP-24



-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

REFER TO SHEET TMP-32 FOR CUT SECTION(S).

REMOVE CONFLICTING PAVEMENT MARKING.

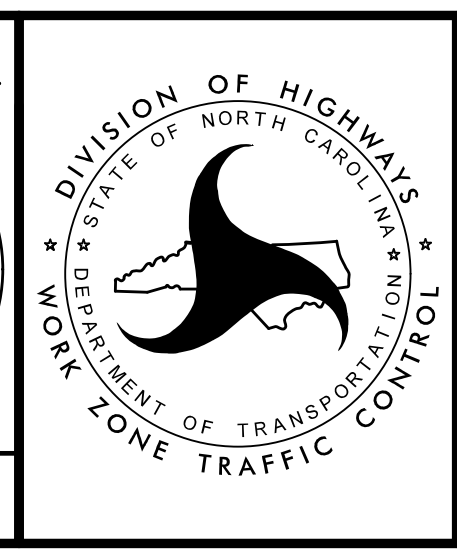
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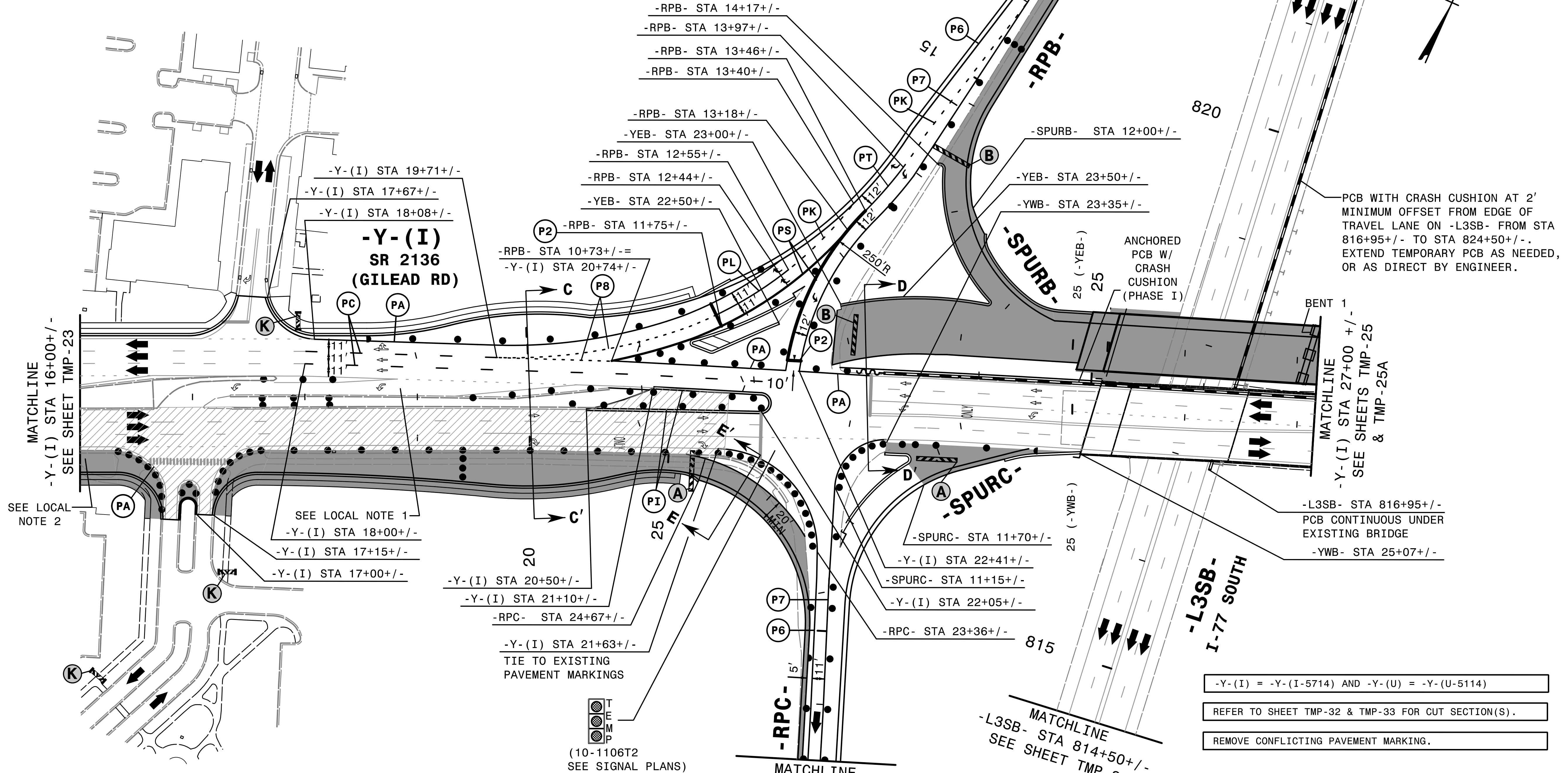
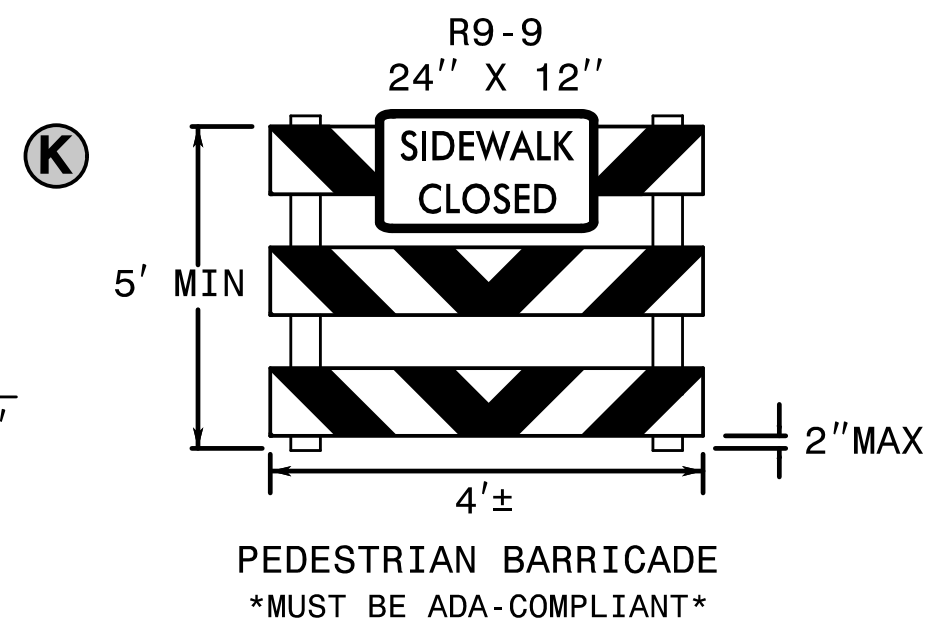
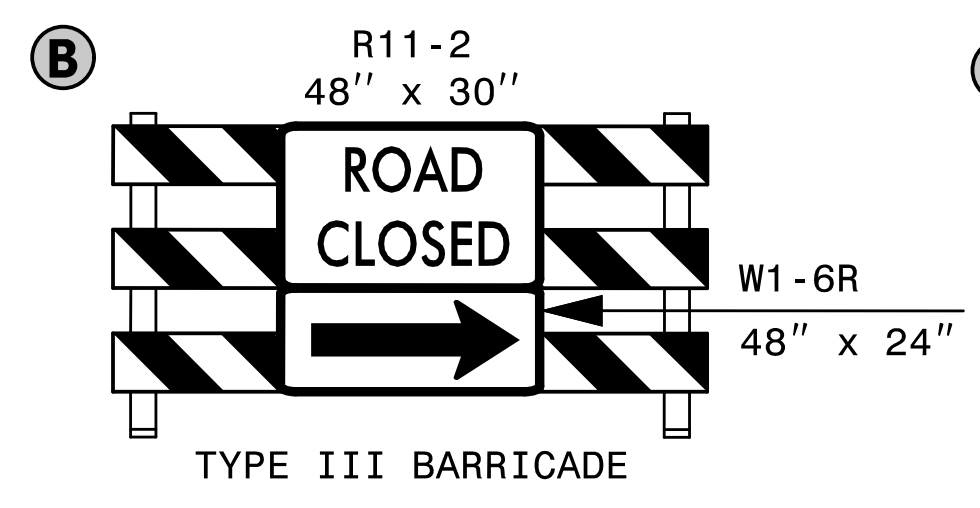
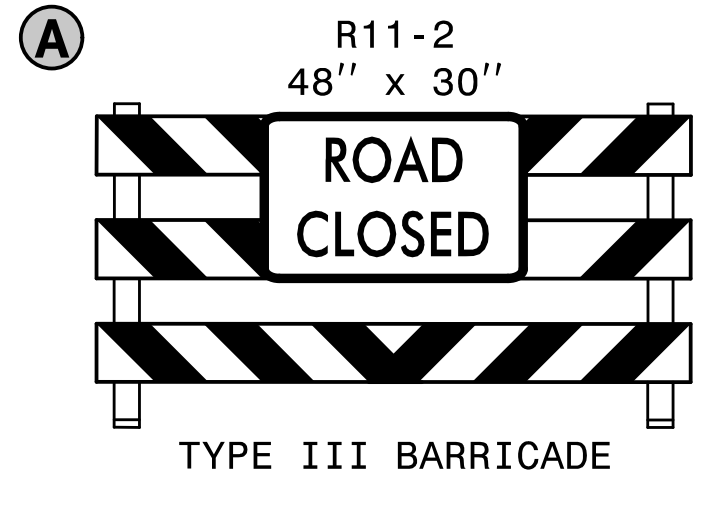
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TRANSPORTATION
MANAGEMENT PLAN

PHASE II
DETAIL



MATCHLINE
-Y-(I) STA 16+00+/-
SEE SHEET TMP-23

SEE LOCAL NOTE 1
-Y-(I) STA 18+00+/-
-Y-(I) STA 17+15+/-
-Y-(I) STA 17+00+/-

-Y-(I) STA 20+50+/-
-Y-(I) STA 21+10+/-
-RPC- STA 24+67+/-
-Y-(I) STA 21+63+/-
TIE TO EXISTING PAVEMENT MARKINGS

SEE SIGNAL PLANS
(10-1106T2)

MATCHLINE
-RPC- STA 21+50+/-
SEE SHEET TMP-30

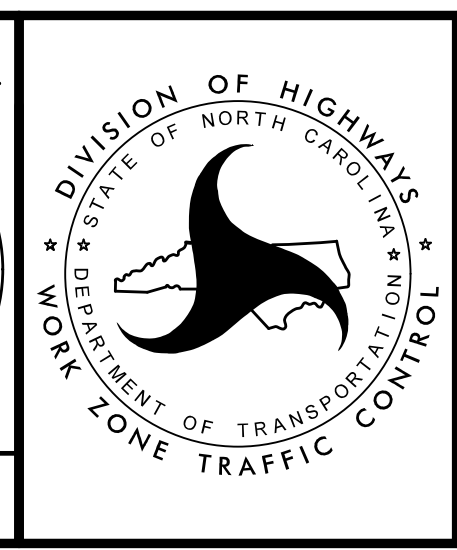
MATCHLINE
-L3SB- STA 814+50+/-
SEE SHEET TMP-30

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
REFER TO SHEET TMP-32 & TMP-33 FOR CUT SECTION(S).
REMOVE CONFLICTING PAVEMENT MARKING.

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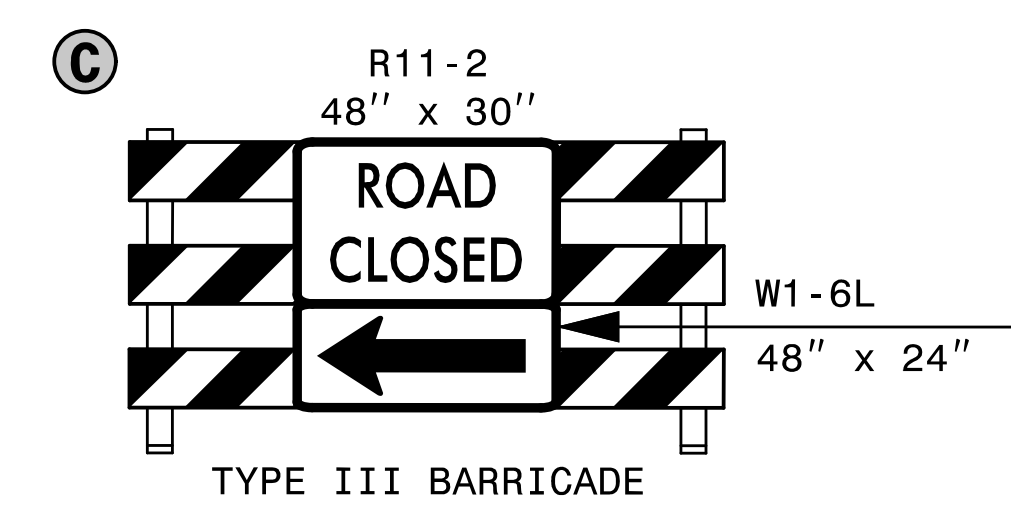
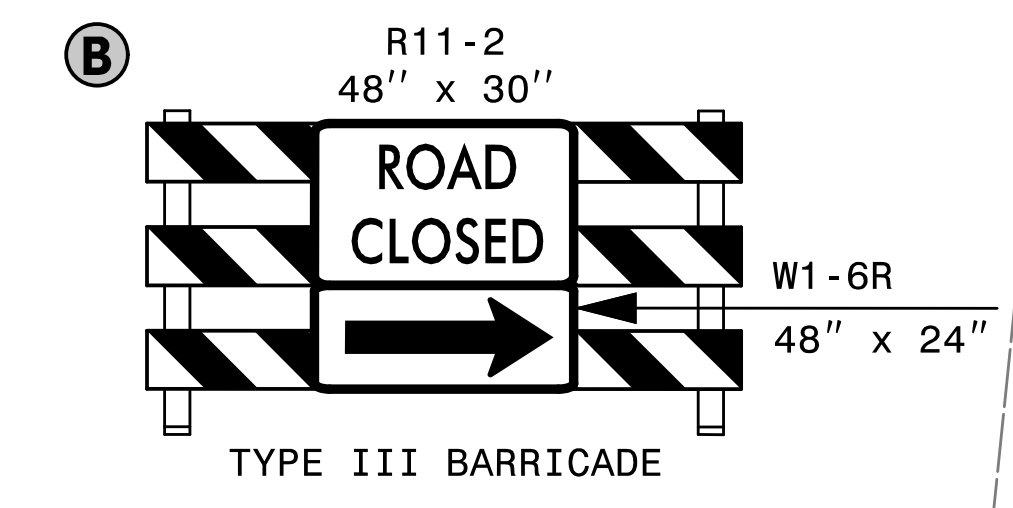
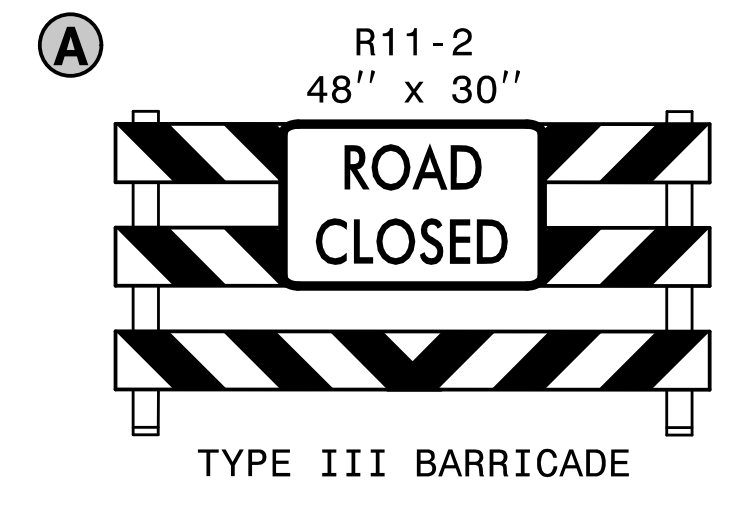
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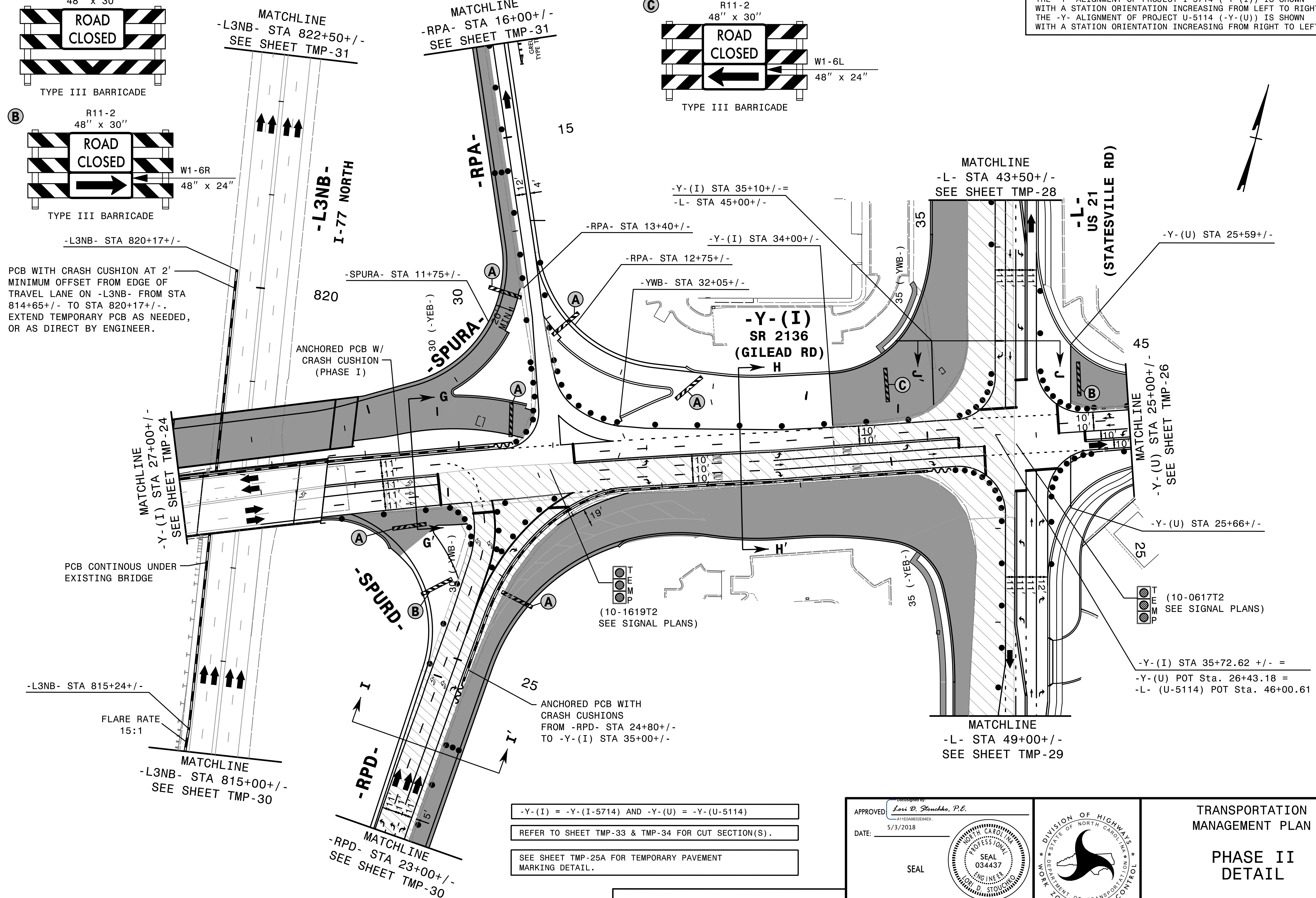


TRANSPORTATION
MANAGEMENT PLAN

PHASE II
DETAIL



THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



PCB WITH CRASH CUSHION AT 2' MINIMUM OFFSET FROM EDGE OF TRAVEL LANE ON -L3NB- FROM STA 814+65+/- TO STA 820+17+/- . EXTEND TEMPORARY PCB AS NEEDED, OR AS DIRECT BY ENGINEER.

PCB CONTINUOUS UNDER EXISTING BRIDGE

FLARE RATE 15:1

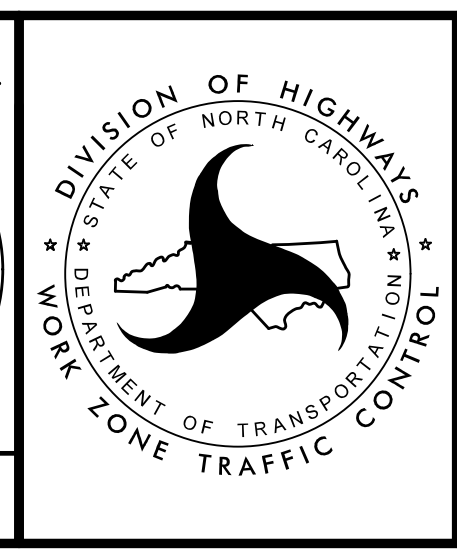
(10-1619T2 SEE SIGNAL PLANS)

(10-0617T2 SEE SIGNAL PLANS)

-Y-(I) STA 35+72.62 +/- =
-Y-(U) POT Sta. 26+43.18 =
-L- (U-5114) POT Sta. 46+00.61

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
REFER TO SHEET TMP-33 & TMP-34 FOR CUT SECTION(S).
SEE SHEET TMP-25A FOR TEMPORARY PAVEMENT MARKING DETAIL.

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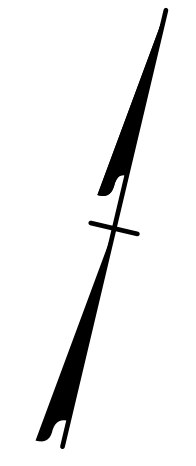
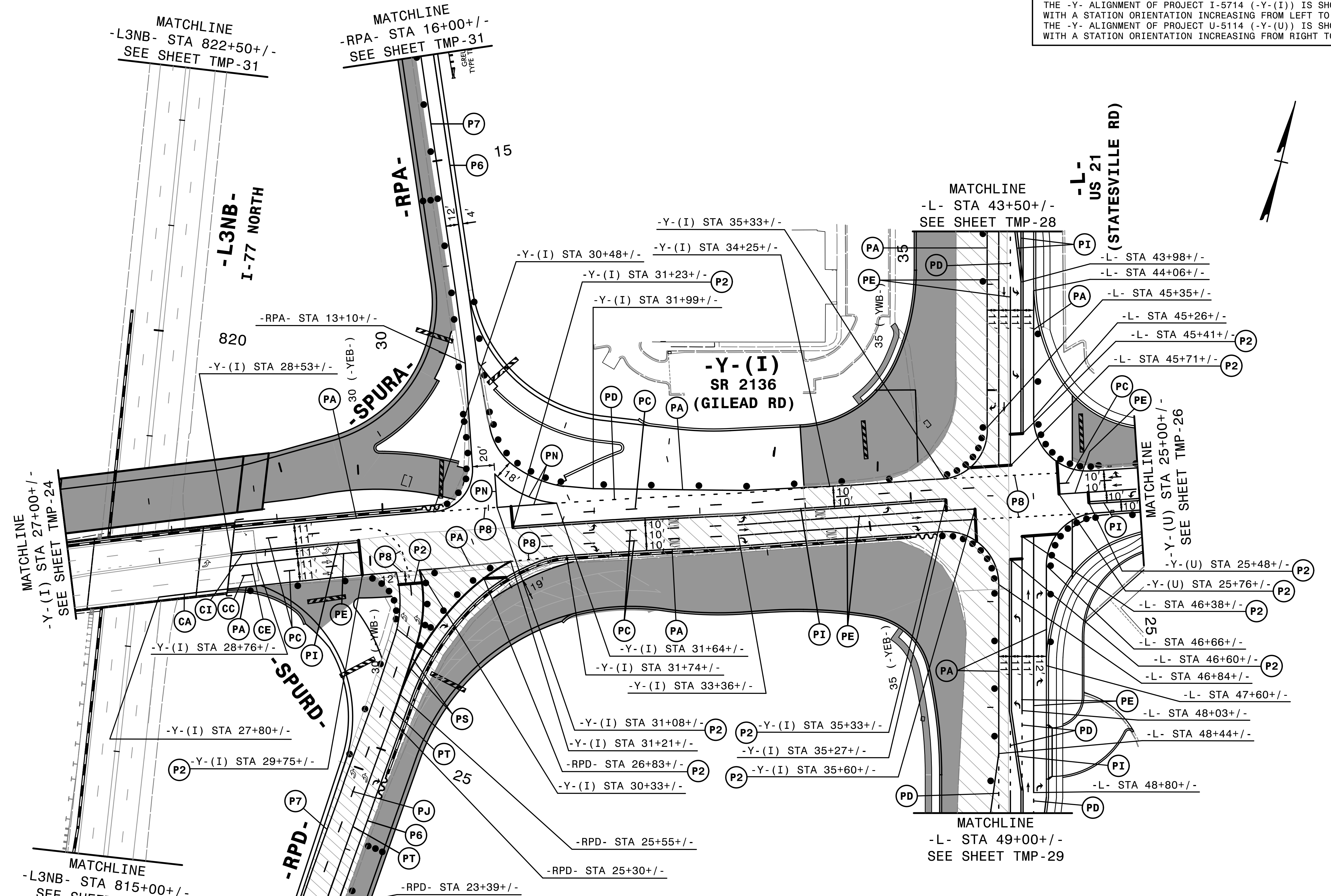


TRANSPORTATION MANAGEMENT PLAN
PHASE II DETAIL



5/2/2018
I-5714_U-5114_Tc_25_P2_d3.dgn
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THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT
THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



MATCHLINE
-Y-(I) STA 27+00+/-
SEE SHEET TMP-24

MATCHLINE
-L3NB- STA 815+00+/-
SEE SHEET TMP-30

MATCHLINE
-RPD- STA 23+00+/-
SEE SHEET TMP-30

MATCHLINE
-L- STA 43+50+/-
SEE SHEET TMP-28

MATCHLINE
-Y-(U) STA 25+00+/-
SEE SHEET TMP-26

MATCHLINE
-L- STA 49+00+/-
SEE SHEET TMP-29

- Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
- REMOVE CONFLICTING PAVEMENT MARKING.
- SEE SHEET TMP-25.

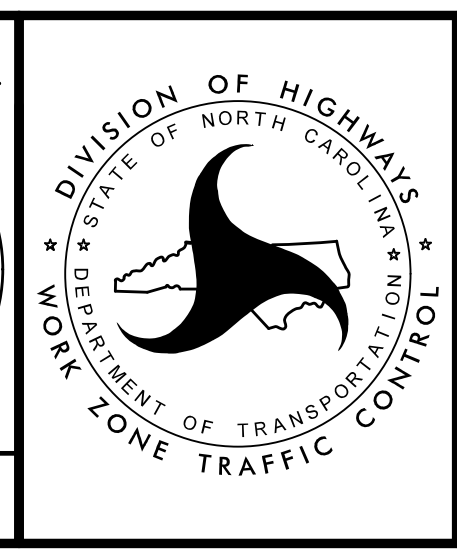
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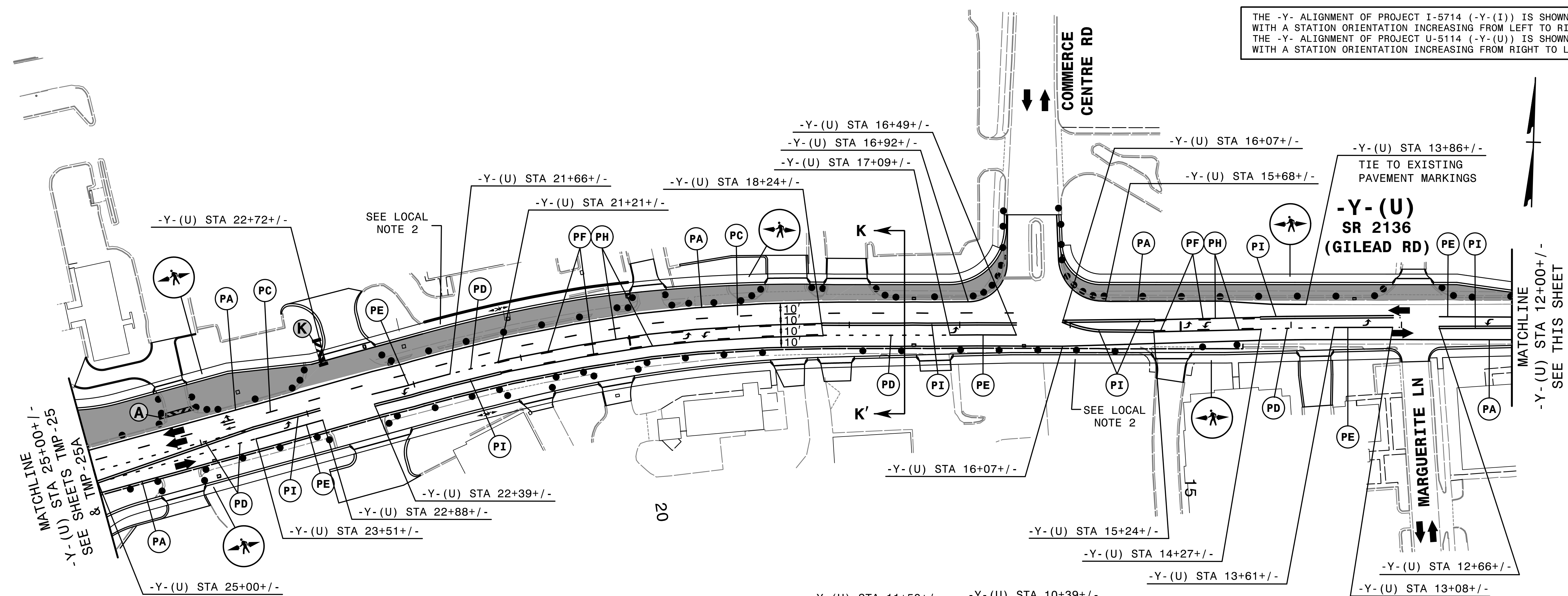
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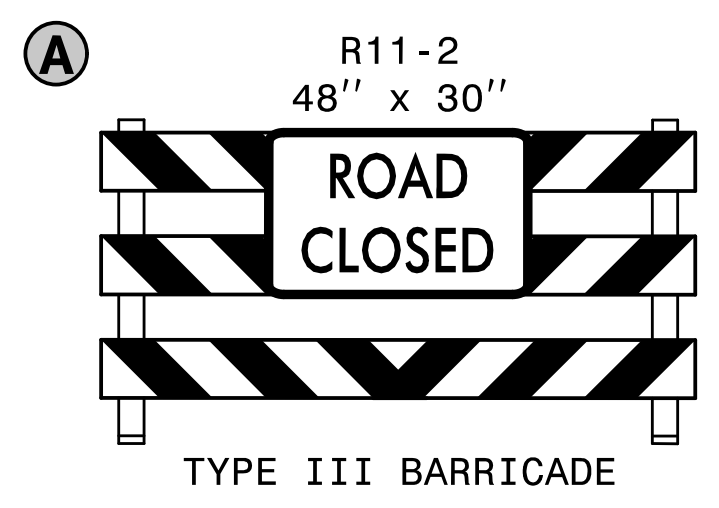
TRANSPORTATION
MANAGEMENT PLAN
PHASE II
DETAIL
(TEMPORARY PAVEMENT
MARKING DETAIL)

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT

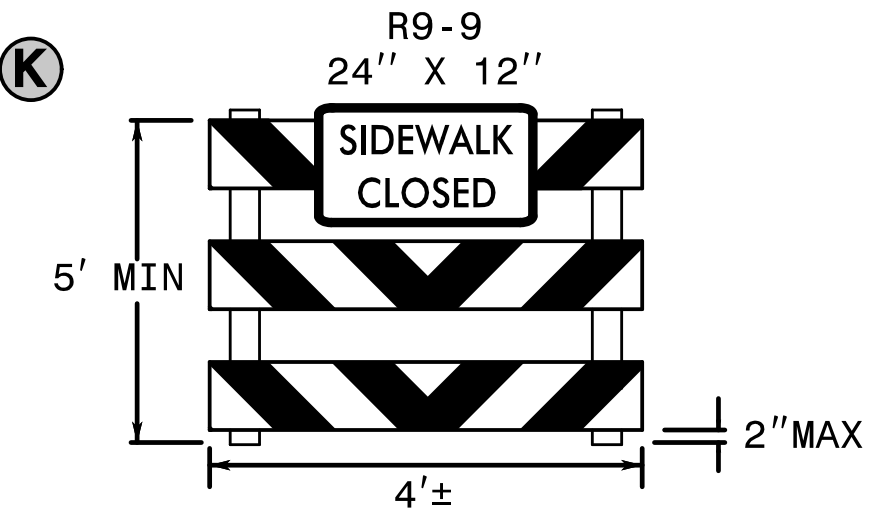


MATCHLINE STA 25+00+/- SEE SHEETS TMP-25 & TMP-25A

MATCHLINE STA 12+00+/- SEE THIS SHEET

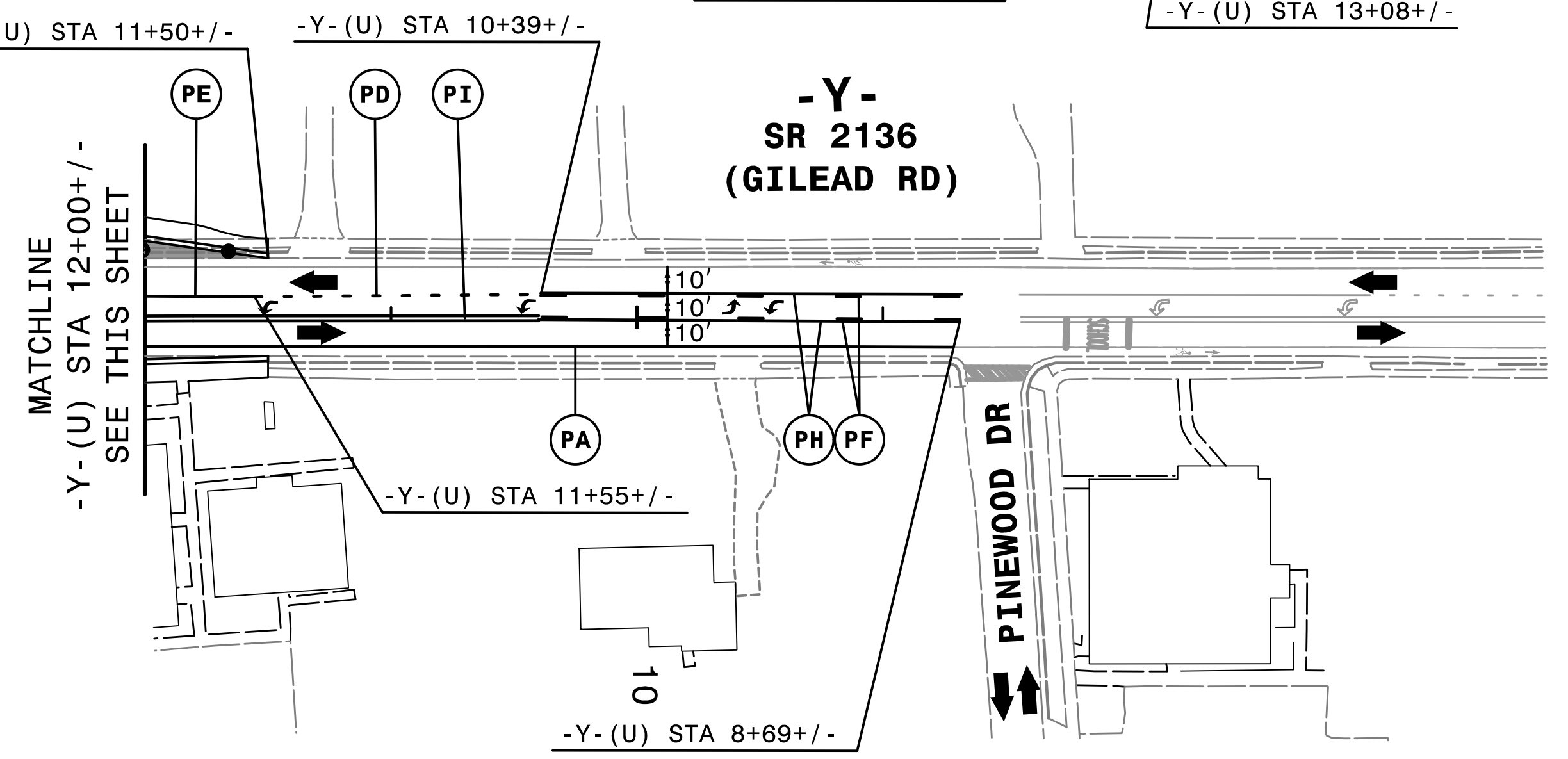


TYPE III BARRICADE



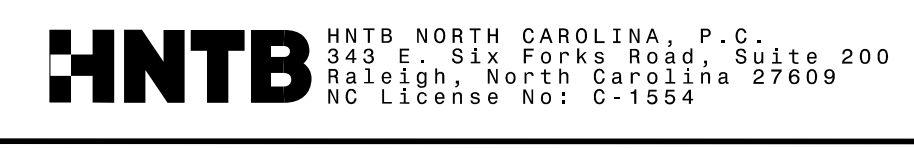
PEDESTRIAN BARRICADE *MUST BE ADA-COMPLIANT*

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
REFER TO SHEET TMP-34 FOR CUT SECTION(S).
REMOVE CONFLICTING PAVEMENT MARKING.

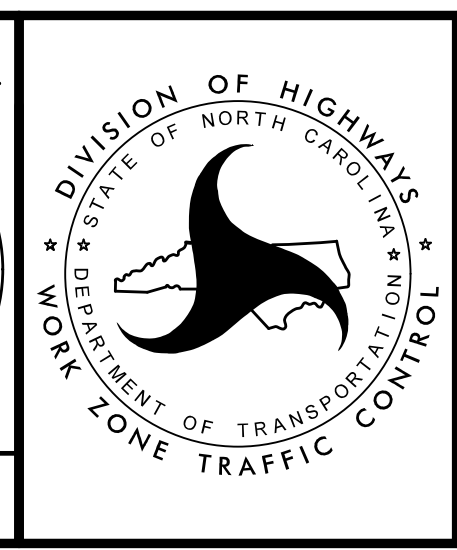


MATCHLINE STA 12+00+/- SEE THIS SHEET

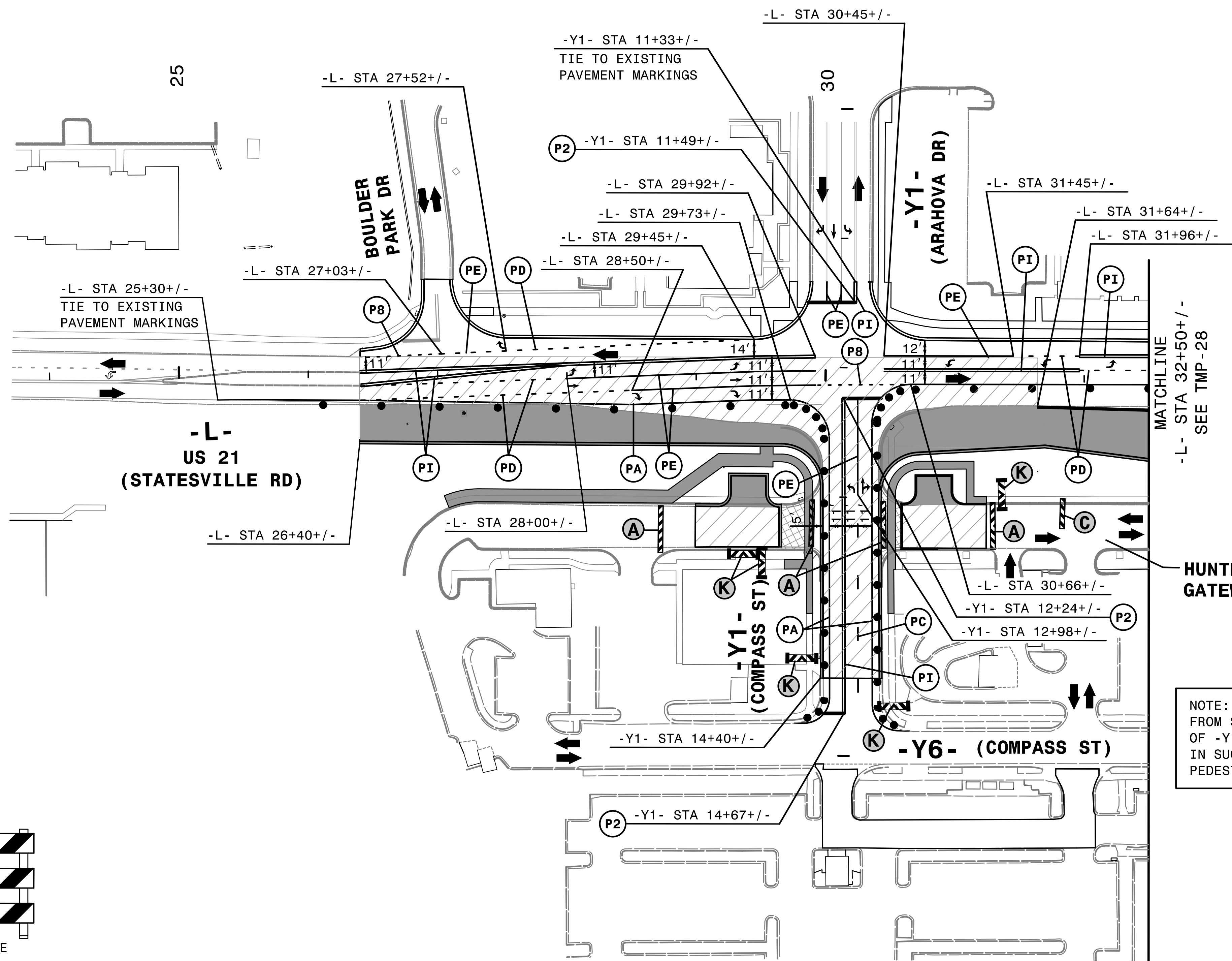
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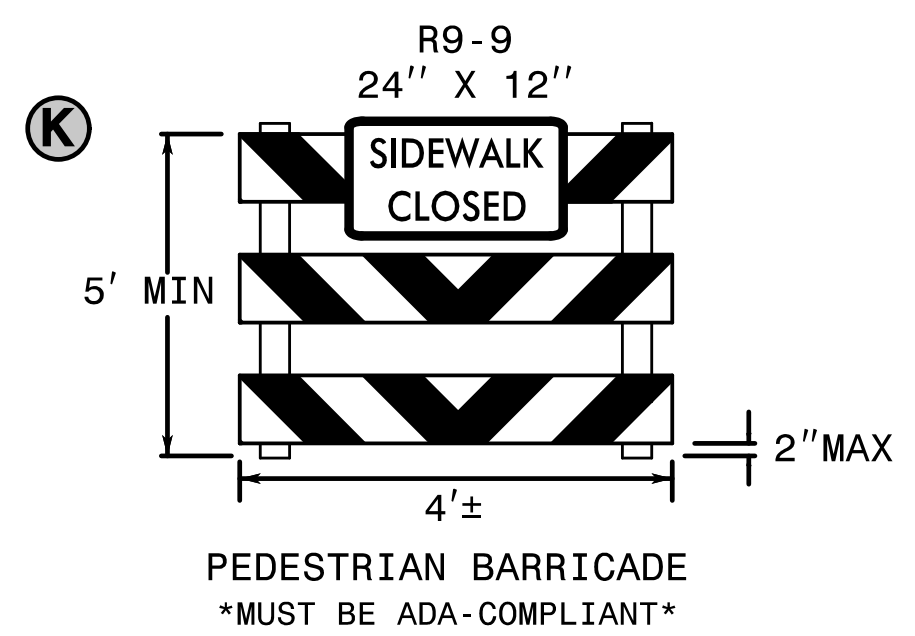
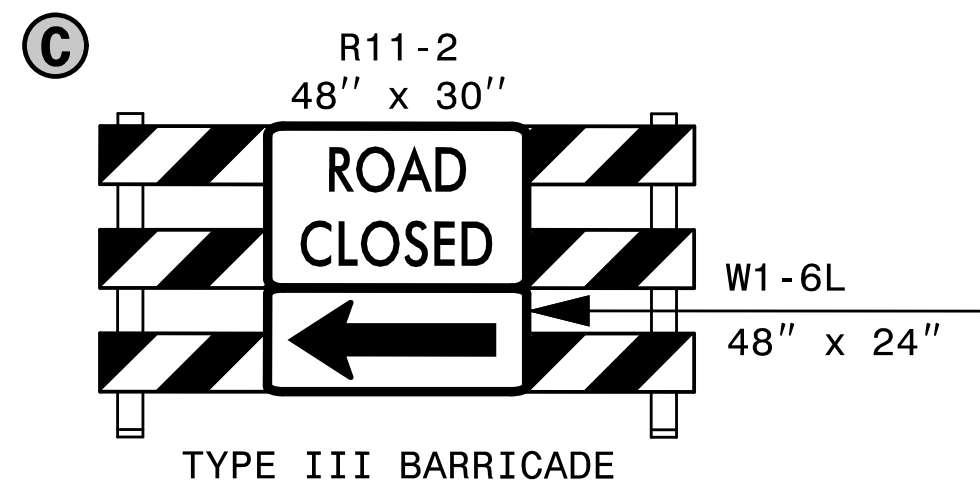
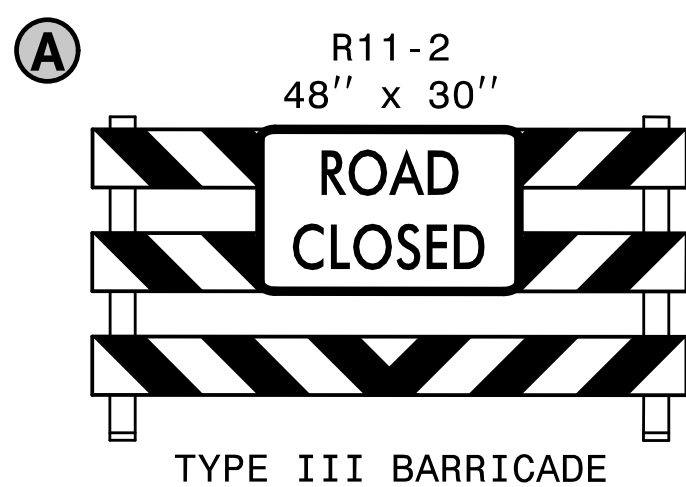
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TRANSPORTATION MANAGEMENT PLAN
PHASE II
DETAIL



NOTE: CONSTRUCT SIDEWALK ON RIGHT SIDE OF -Y1- FROM STA 13+41+/- TO STA 13+90+/- AND LEFT SIDE OF -Y1- FROM STA 13+90+/- AS DIRECTED BY ENGINEER IN SUCH A MANNER THAT MINIMIZES IMPACT TO PEDESTRIAN TRAFFIC.

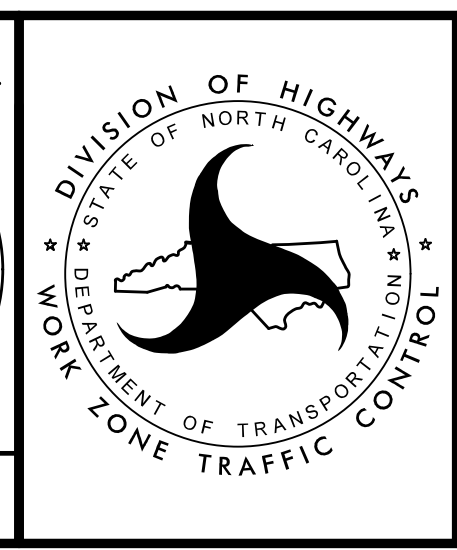


REMOVE CONFLICTING PAVEMENT MARKING.

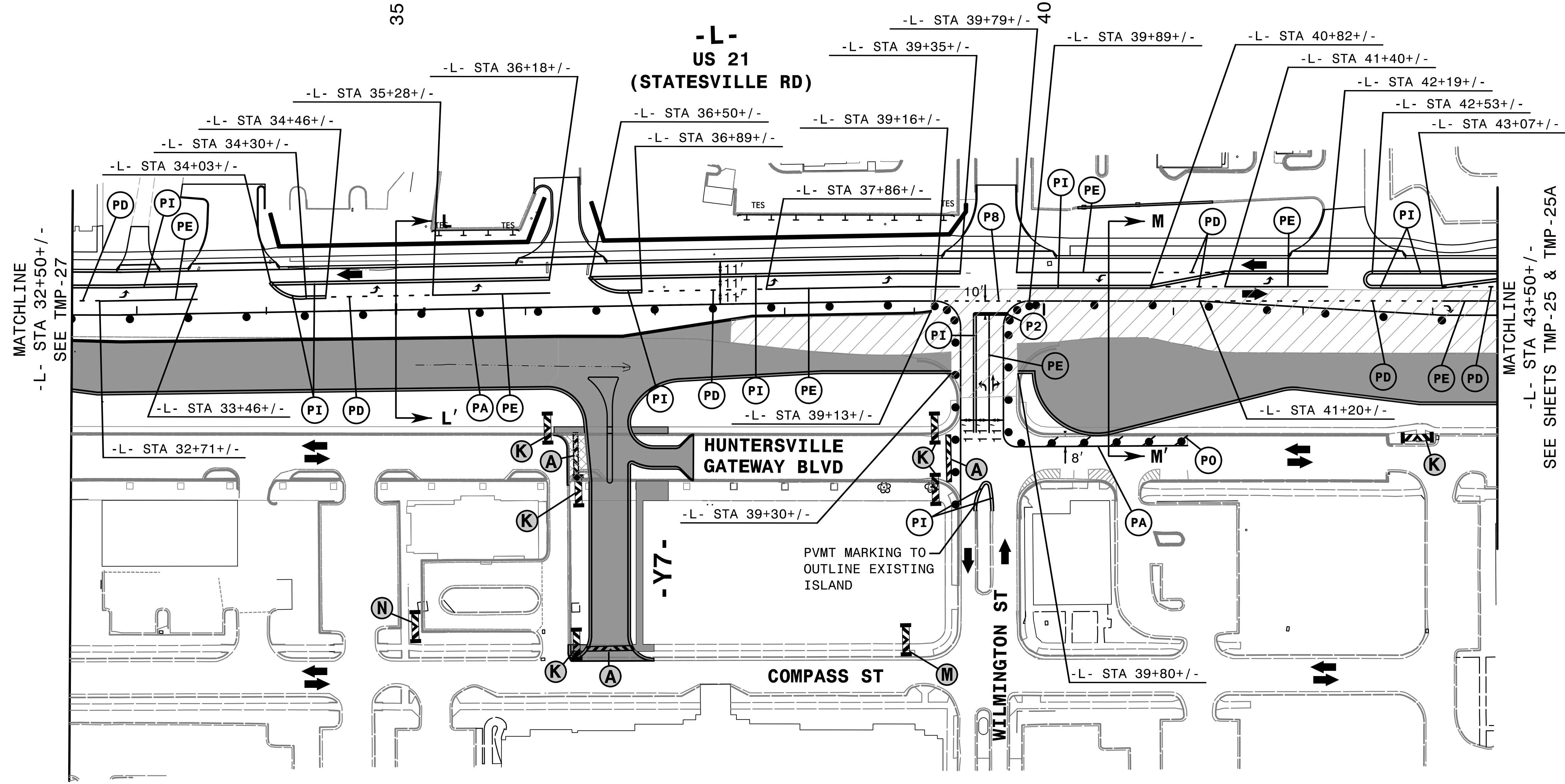
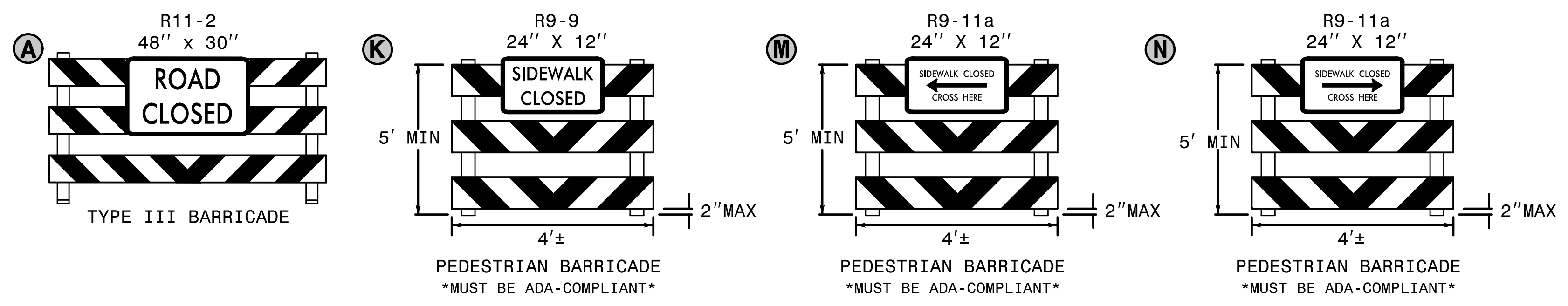
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TRANSPORTATION
MANAGEMENT PLAN
PHASE II
DETAIL



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REFER TO SHEET TMP-34 & TMP-35 FOR CUT SECTION(S).

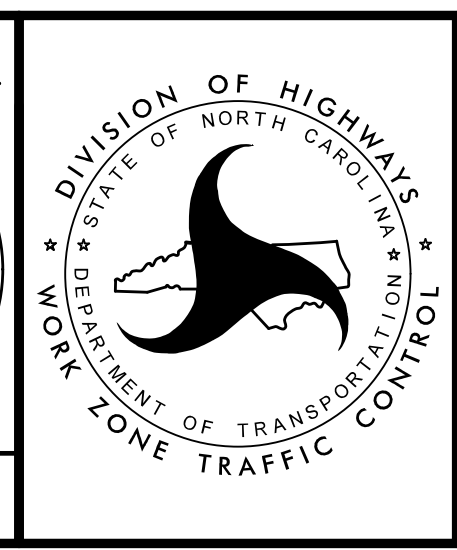
REMOVE CONFLICTING PAVEMENT MARKING.



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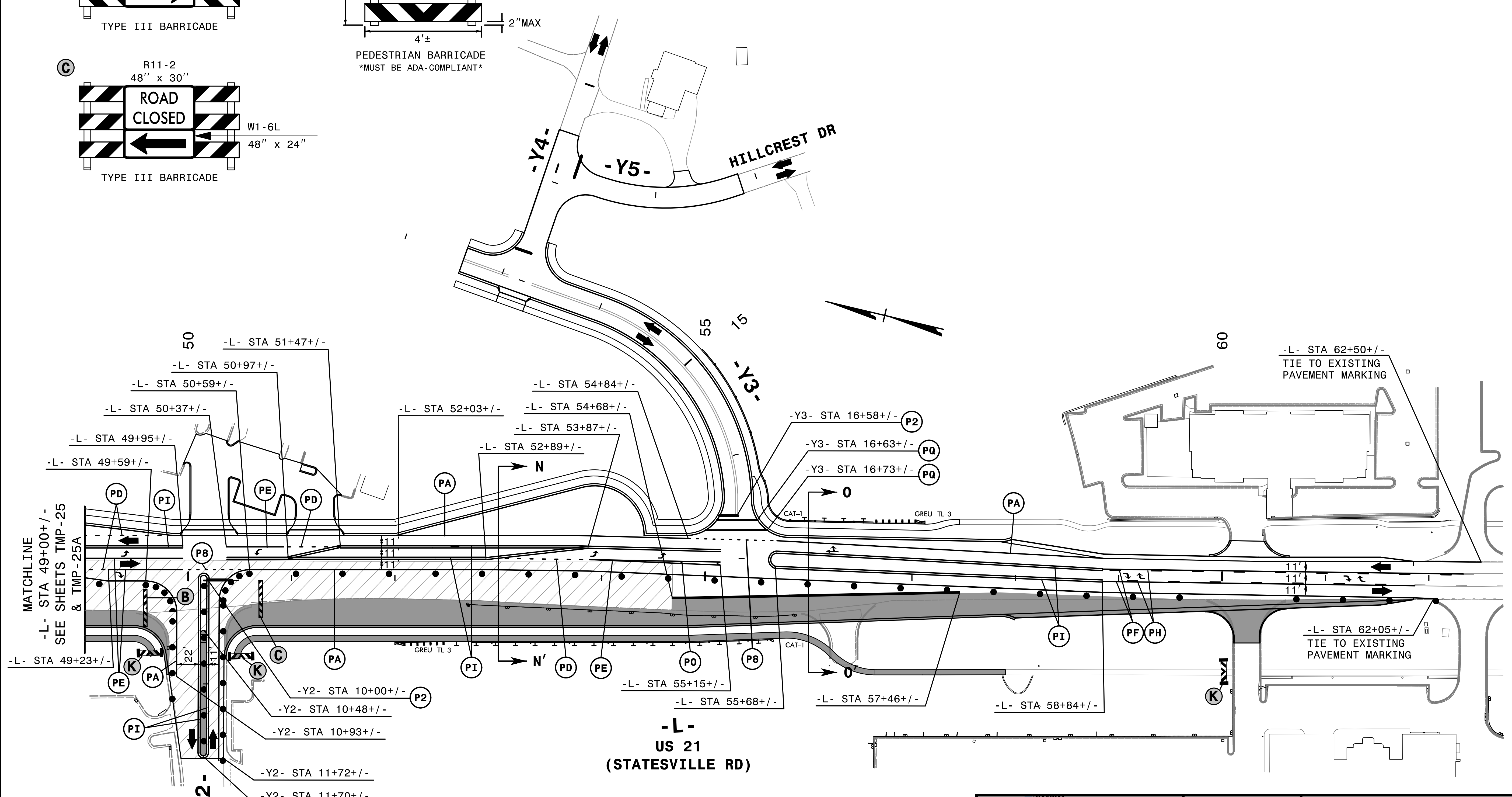
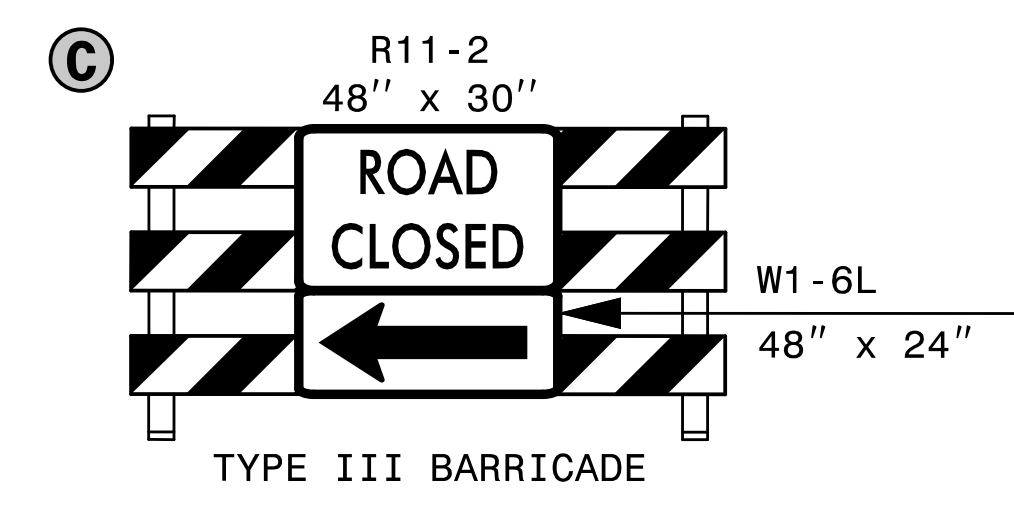
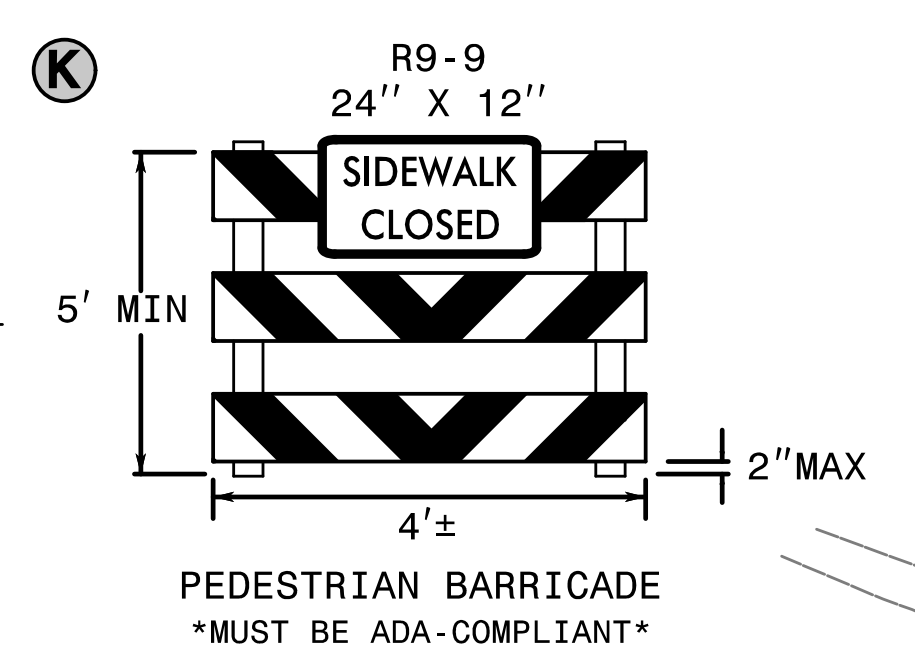
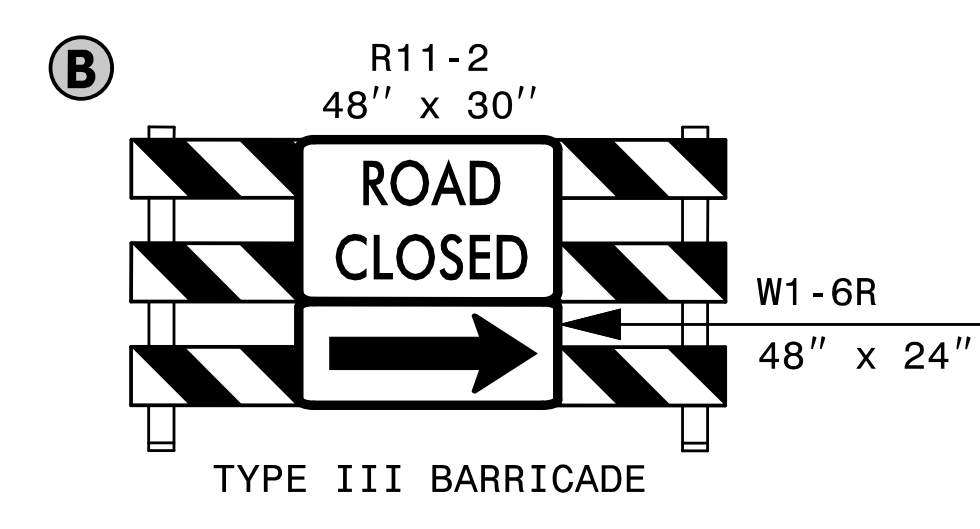
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TRANSPORTATION MANAGEMENT PLAN

PHASE II DETAIL



MATCHLINE
-L- STA 49+00+/-
SEE SHEETS TMP-25
& TMP-25A

REFER TO SHEET TMP-35 FOR CUT SECTION(S).
REMOVE CONFLICTING PAVEMENT MARKING.



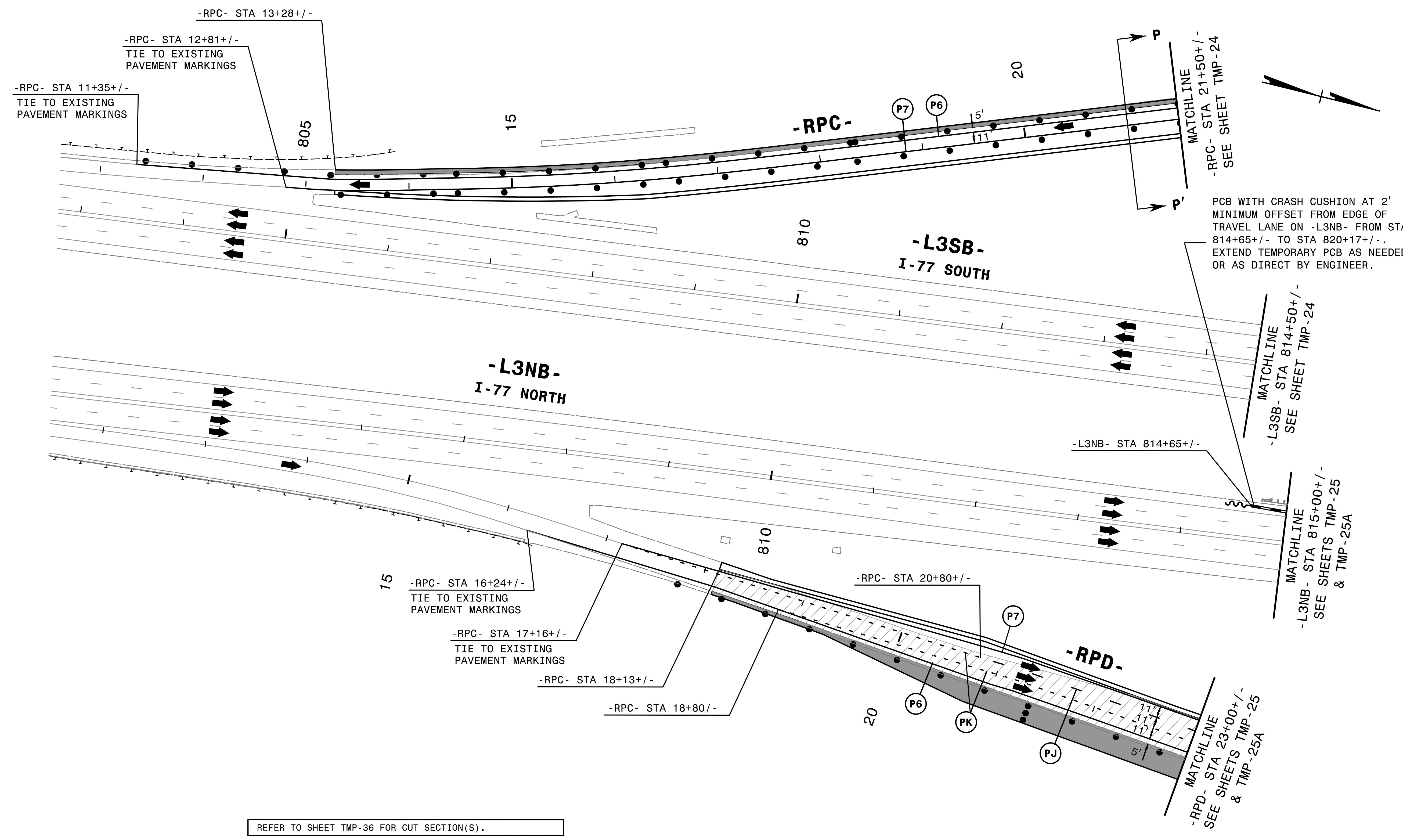
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TRANSPORTATION
MANAGEMENT PLAN

PHASE II
DETAIL

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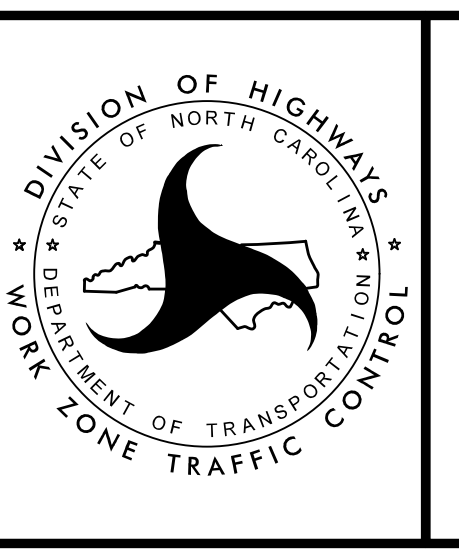
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REMOVE CONFLICTING PAVEMENT MARKING.

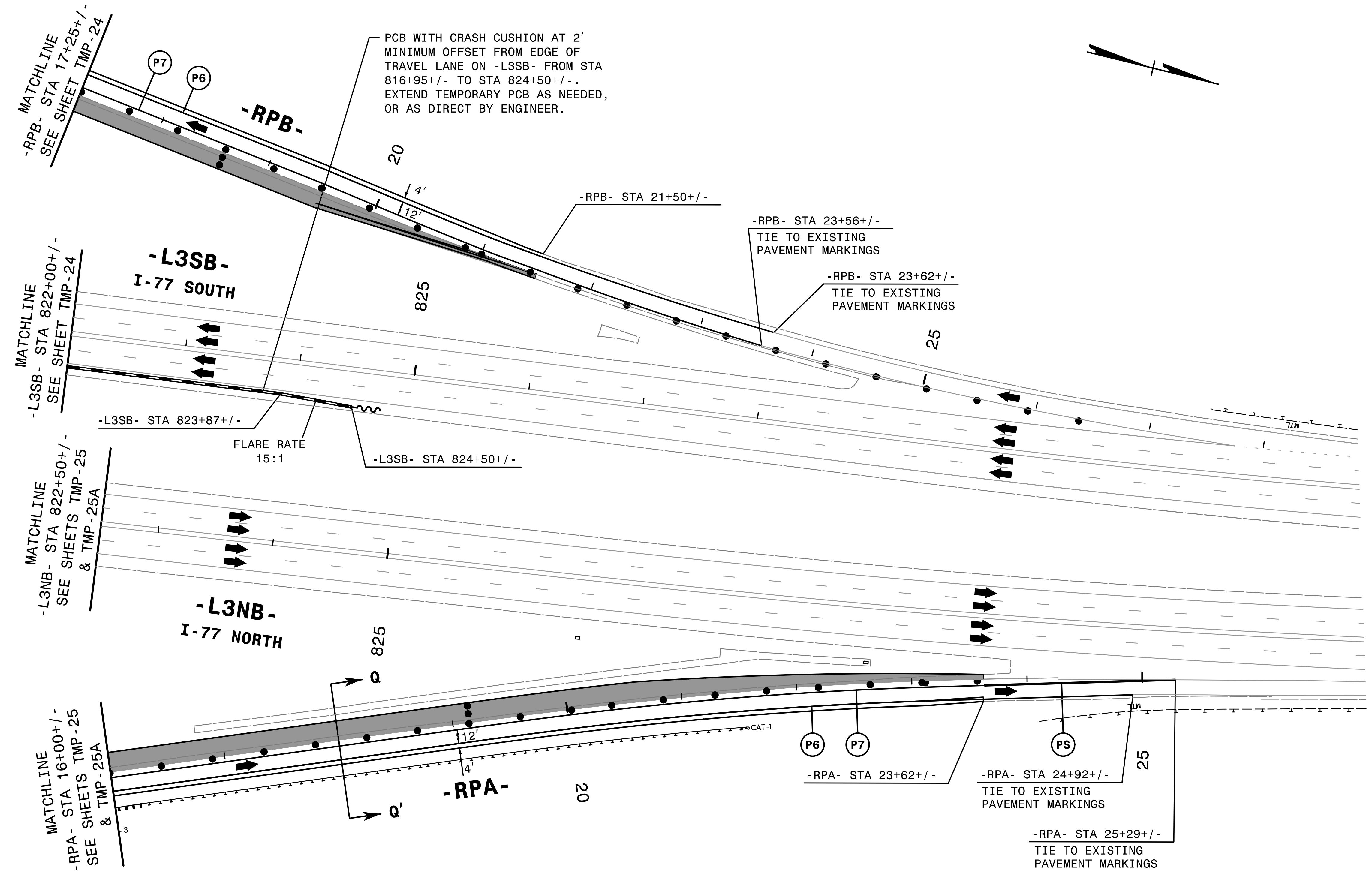
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TRANSPORTATION
 MANAGEMENT PLAN
 PHASE II
 DETAIL



REFER TO SHEET TMP-36 FOR CUT SECTION(S).

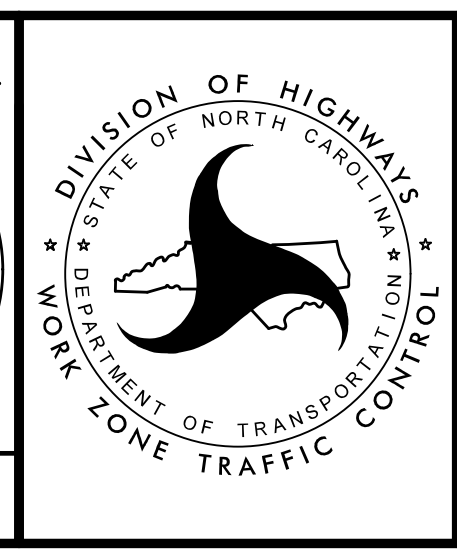
REMOVE CONFLICTING PAVEMENT MARKING.



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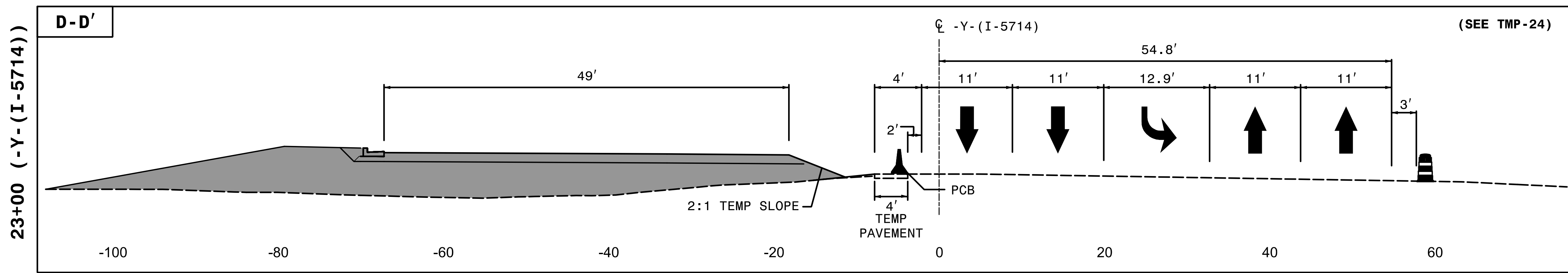
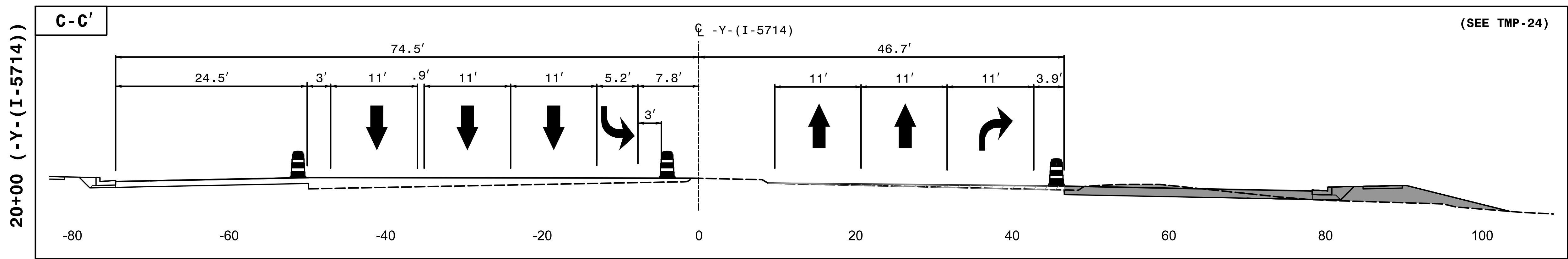
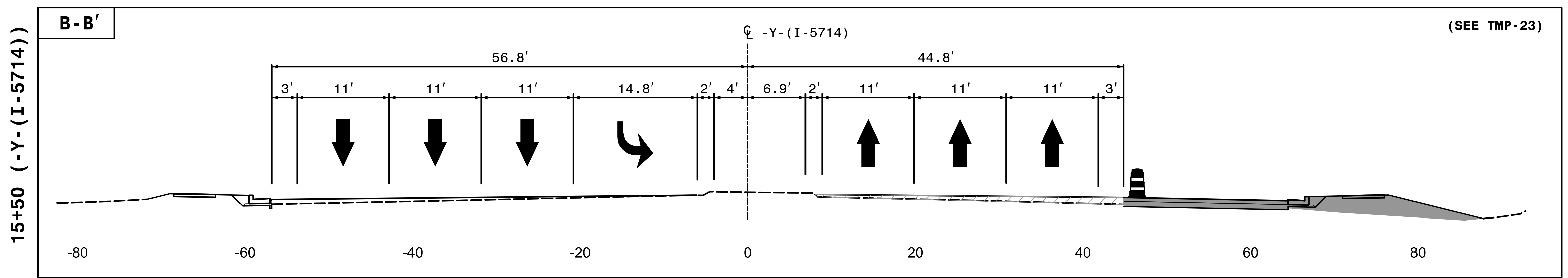
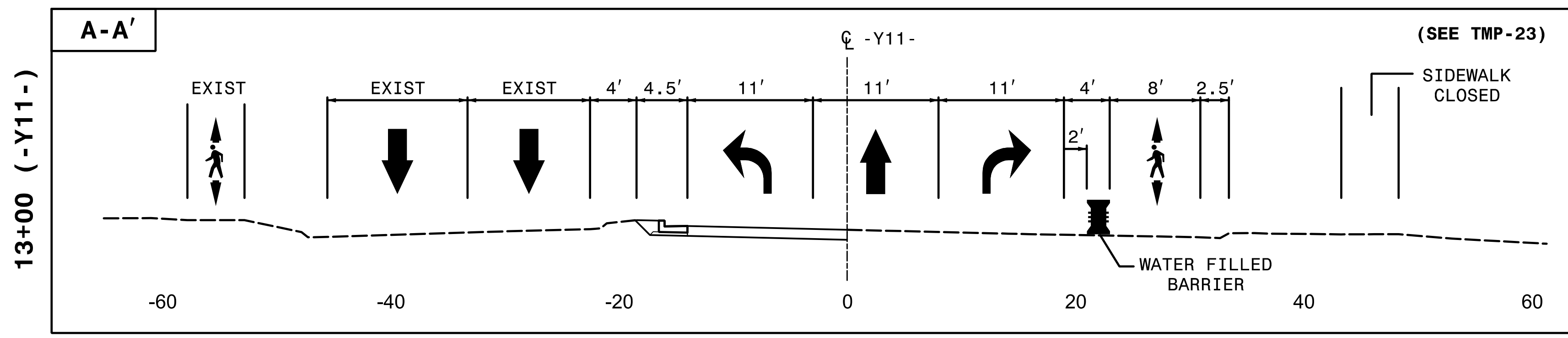
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE II
 DETAIL

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4/3/2018
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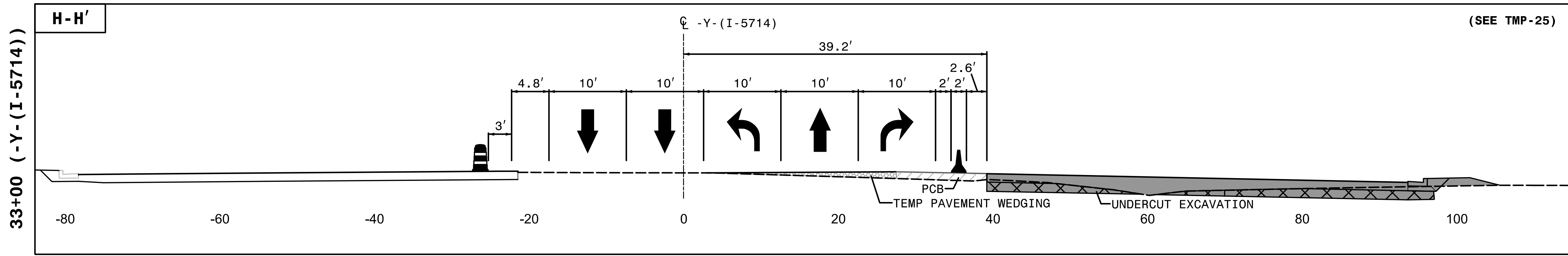
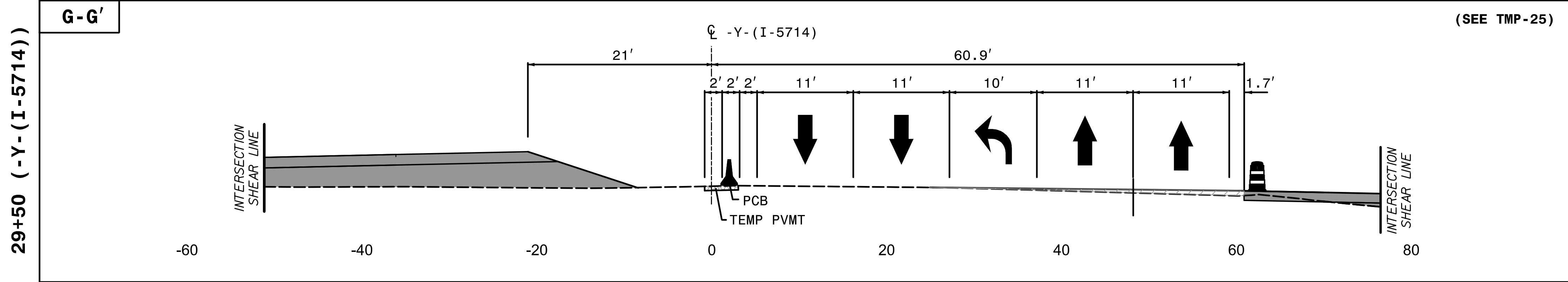
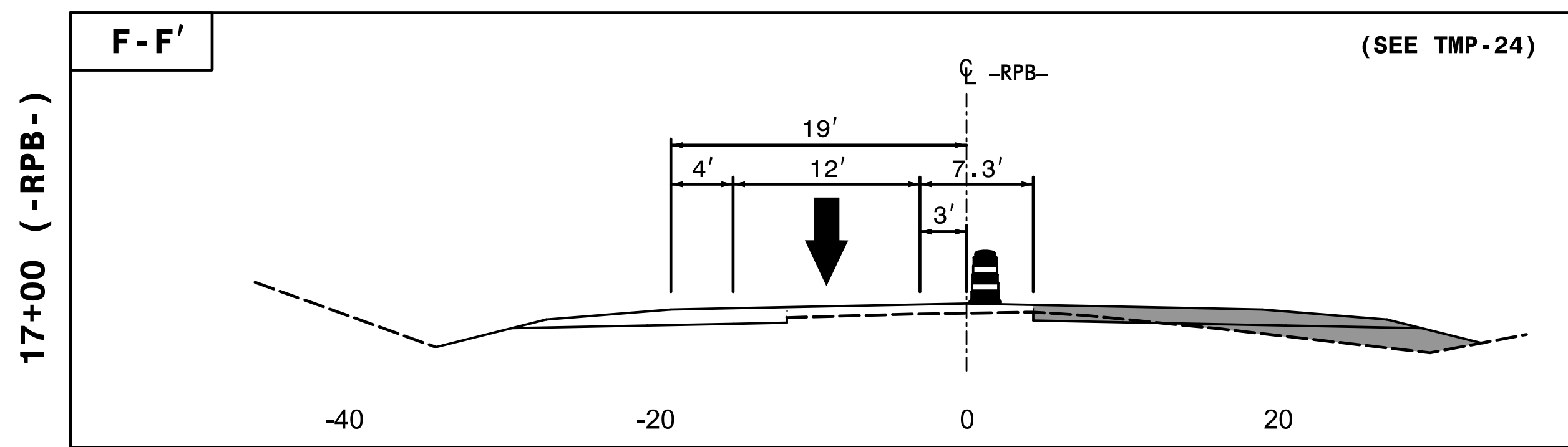
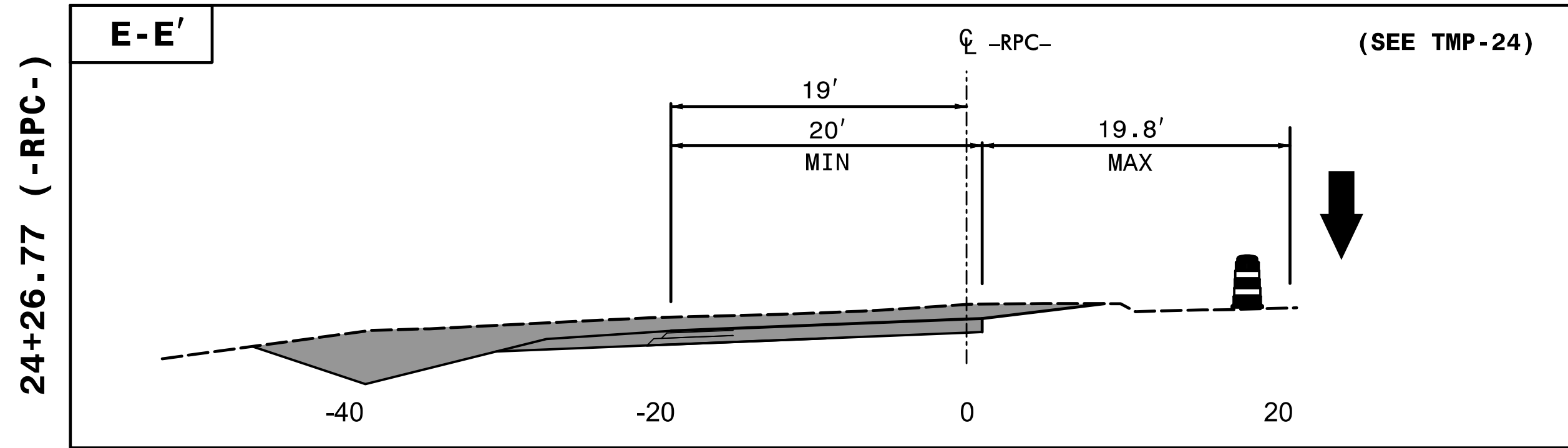
APPROVED: *Lois D. Stoucho, P.E.*
 DATE: 5/3/2018
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE II
 SECTION CUT
 DETAIL



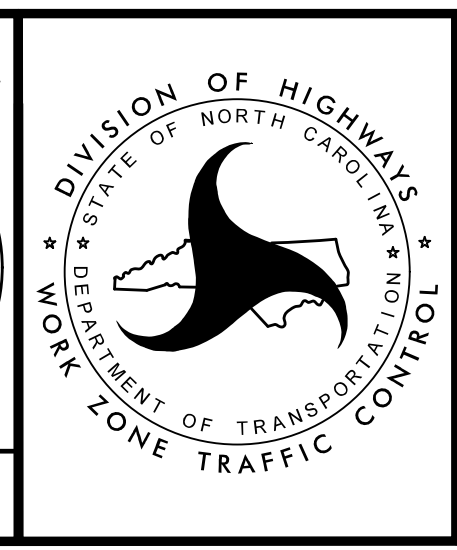
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DATE: 5/3/2018

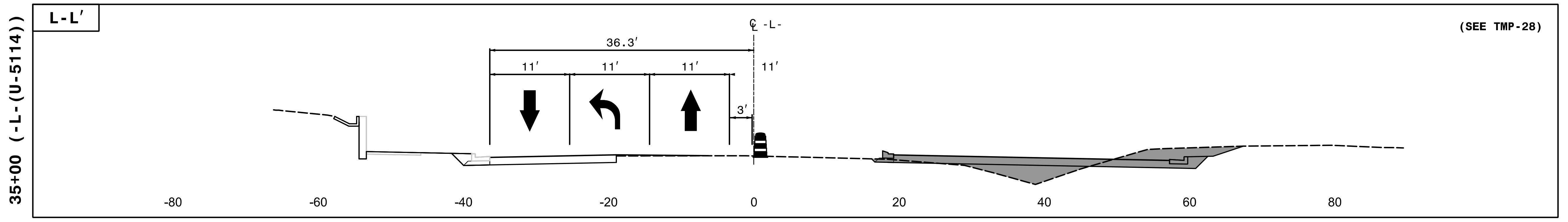
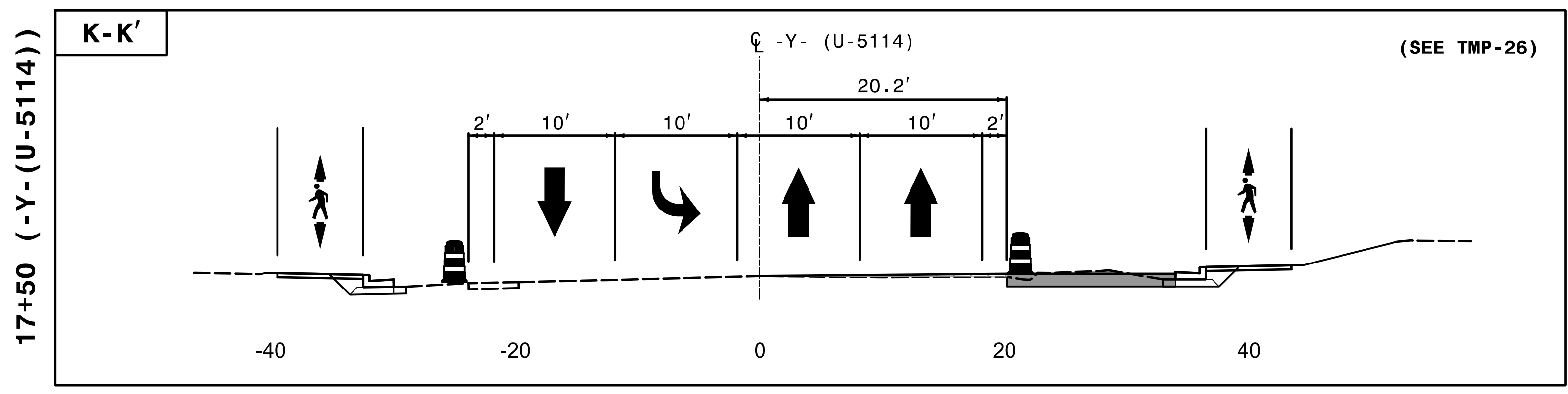
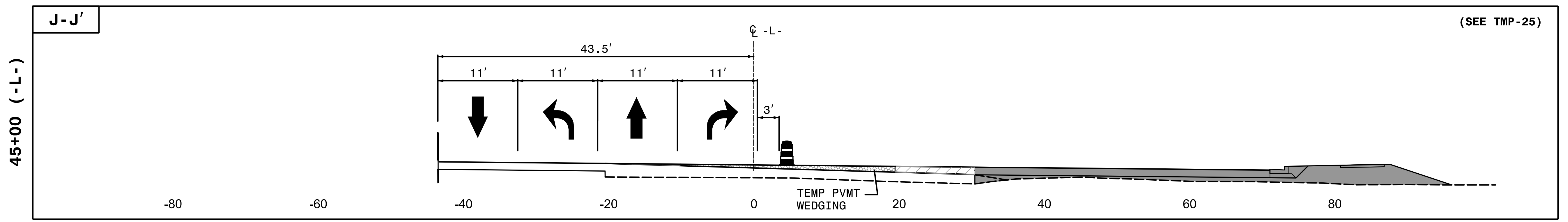
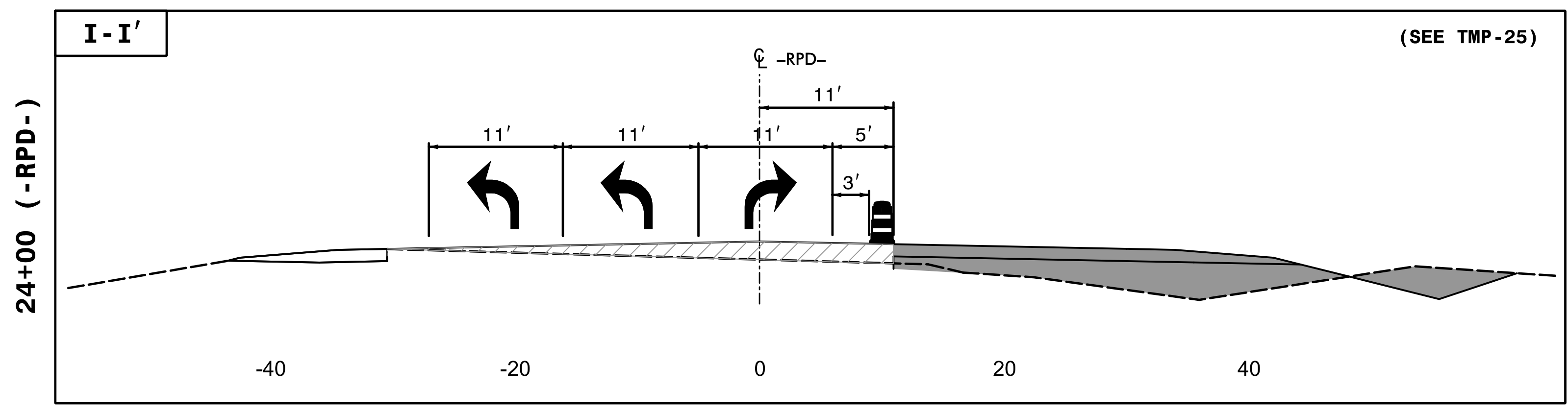
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TRANSPORTATION
MANAGEMENT PLAN

PHASE II
SECTION CUT
DETAIL



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 DATE: 5/3/2018

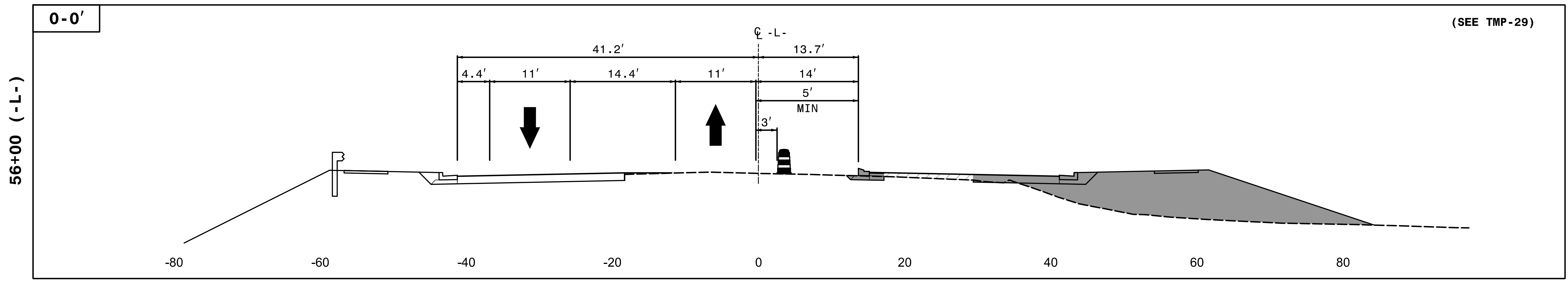
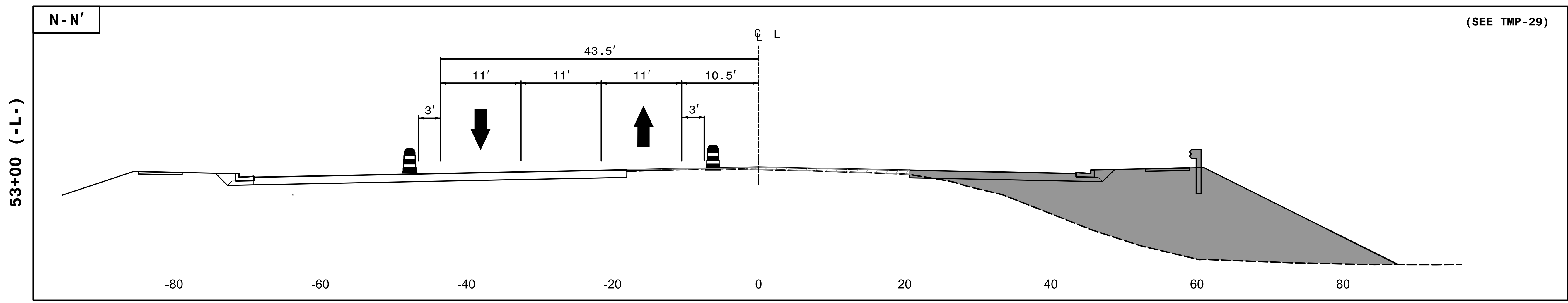
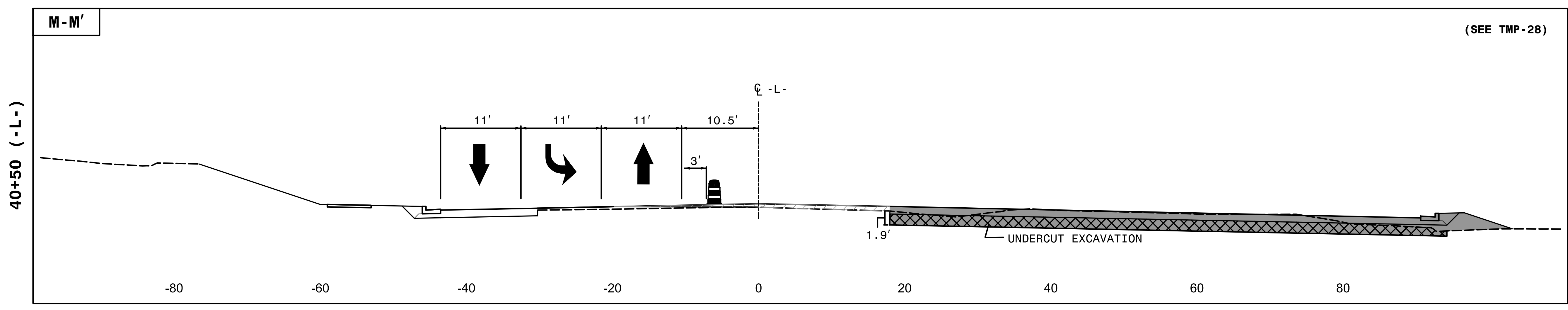
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TRANSPORTATION
MANAGEMENT PLAN

PHASE II
SECTION CUT
DETAIL



4/25/2018
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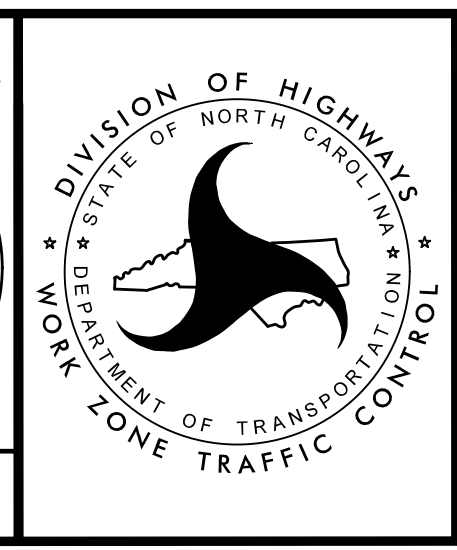


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DATE: 5/3/2018

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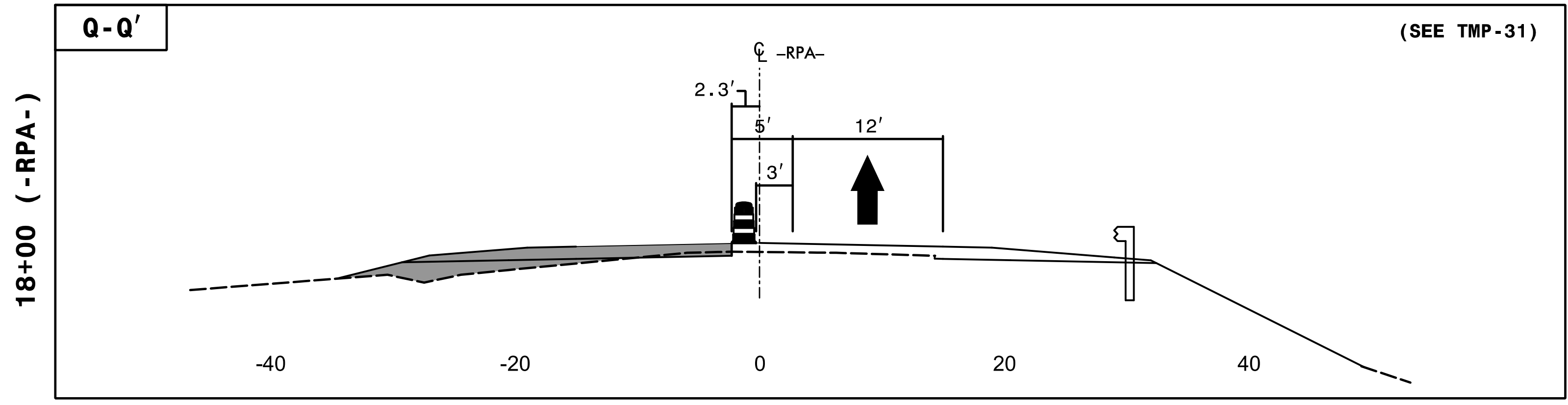
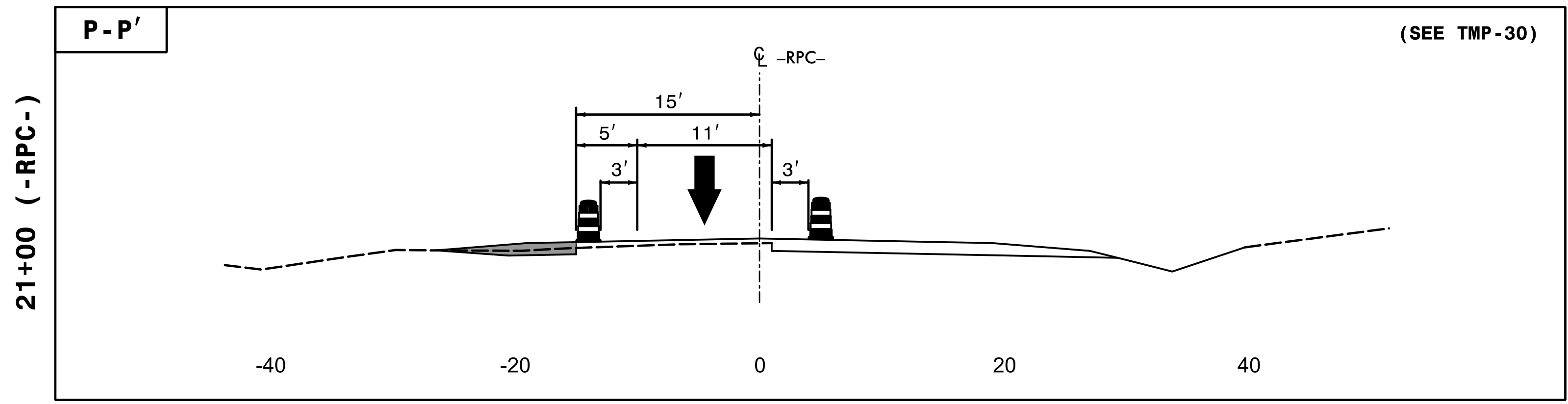
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TRANSPORTATION MANAGEMENT PLAN

PHASE II SECTION CUT DETAIL



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TRANSPORTATION
 MANAGEMENT PLAN

**PHASE II
 SECTION CUT
 DETAIL**

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT

COMPLETE CONSTRUCTION OF BRIDGE AND BRIDGE APPROACHES. COORDINATE THRU THE DIVISION TO COORDINATE WORK WITH ADJACENT PROJECT ON I-77.

WHILE TRAFFIC IS IN A ONE LANE PATTERN, CONSTRUCT PROPOSED MEDIANS ON -L-.

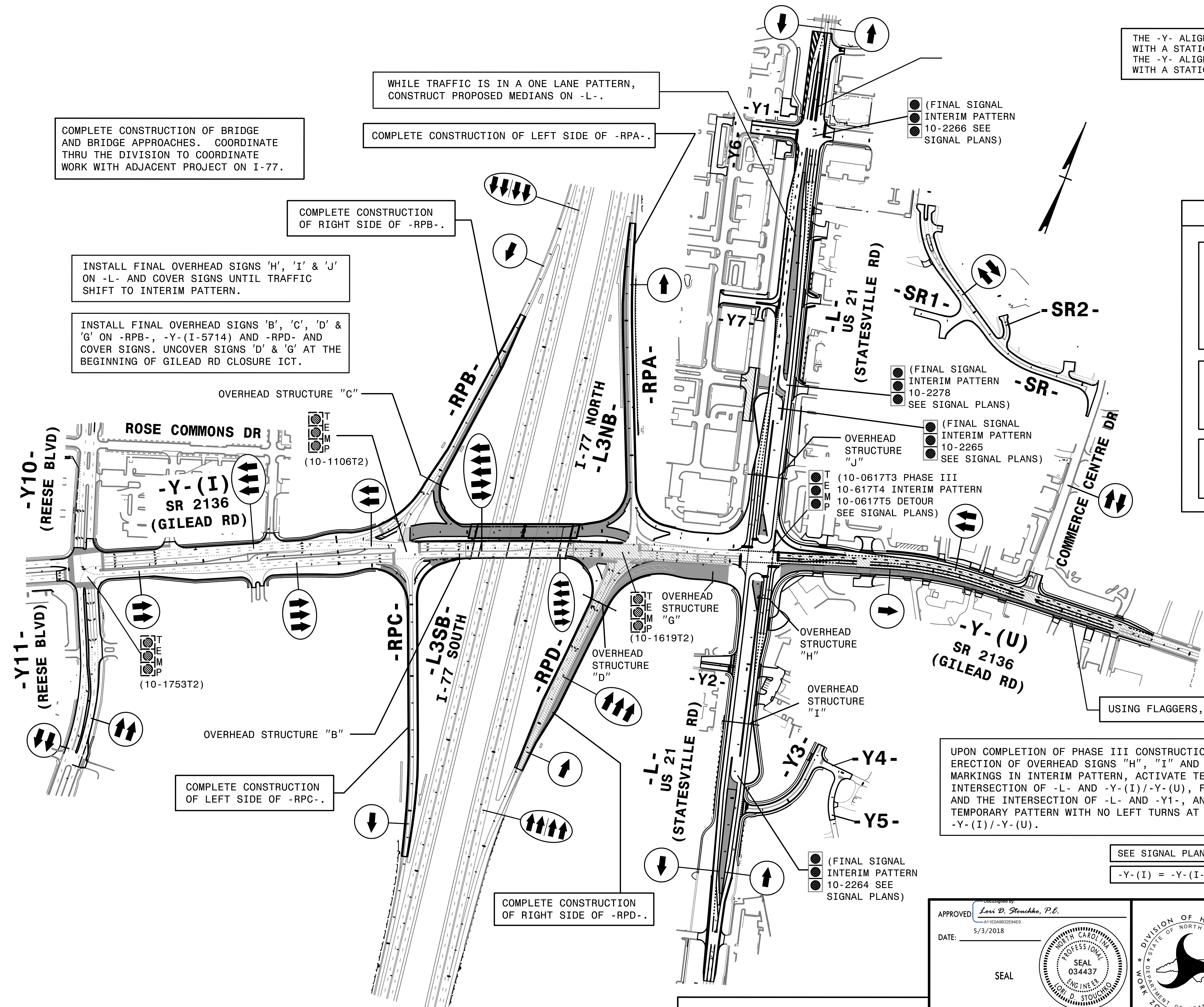
COMPLETE CONSTRUCTION OF LEFT SIDE OF -RPA-.

COMPLETE CONSTRUCTION OF RIGHT SIDE OF -RPB-.

INSTALL FINAL OVERHEAD SIGNS 'H', 'I' & 'J' ON -L- AND COVER SIGNS UNTIL TRAFFIC SHIFT TO INTERIM PATTERN.

INSTALL FINAL OVERHEAD SIGNS 'B', 'C', 'D' & 'G' ON -RPB-, -Y-(I-5714) AND -RPD- AND COVER SIGNS. UNCOVER SIGNS 'D' & 'G' AT THE BEGINNING OF GILEAD RD CLOSURE ICT.

ICT
USING LAW ENFORCEMENT AND LANE CLOSURES, CLOSE -Y-(I) BETWEEN THE RAMP INTERSECTIONS AND DETOUR GILEAD RD TRAFFIC TO I-77 WHERE TRAFFIC WILL BE RETURNED BY WAY OF NEXT LOGICAL INTERCHANGE. DETOUR I-77 TRAFFIC TO NEXT LOGICAL INTERCHANGE. (SEE DETOUR SHEETS)
COMPLETE WEDGING ON -Y-(I), PLACE TEMPORARY PAVEMENT MARKINGS ON -Y-(I), -Y-(U) AND -L- IN THE PHASE IV PATTERN.
USING LAW ENFORCEMENT, ACTIVATE TEMPORARY SIGNALS, AND PLACE TRAFFIC INTO NEW TEMPORARY DDI TRAFFIC PATTERN.



(FINAL SIGNAL INTERIM PATTERN 10-2266 SEE SIGNAL PLANS)

(FINAL SIGNAL INTERIM PATTERN 10-2278 SEE SIGNAL PLANS)

(FINAL SIGNAL INTERIM PATTERN 10-2265 SEE SIGNAL PLANS)

(10-0617T3 PHASE III 10-617T4 INTERIM PATTERN 10-0617T5 DETOUR SEE SIGNAL PLANS)

OVERHEAD STRUCTURE "G" (10-1619T2)

OVERHEAD STRUCTURE "D"

OVERHEAD STRUCTURE "H"

OVERHEAD STRUCTURE "I"

(FINAL SIGNAL INTERIM PATTERN 10-2264 SEE SIGNAL PLANS)

USING FLAGGERS, CONSTRUCT EB -Y-(U).

UPON COMPLETION OF PHASE III CONSTRUCTION OF -L-, EB -Y-(U) AND THE ERECTION OF OVERHEAD SIGNS "H", "I" AND "J" PLACE TEMPORARY PAVEMENT MARKINGS IN INTERIM PATTERN, ACTIVATE TEMPORARY SIGNAL AT THE INTERSECTION OF -L- AND -Y-(I)/-Y-(U), FINAL SIGNALS ON -L- AT U-TURNS AND THE INTERSECTION OF -L- AND -Y1-, AND SHIFT TRAFFIC INTO NEW TEMPORARY PATTERN WITH NO LEFT TURNS AT THE INTERSECTION OF -L- AND -Y-(I)/-Y-(U).

SEE SIGNAL PLANS FOR TEMPORARY SIGNAL PLANS

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

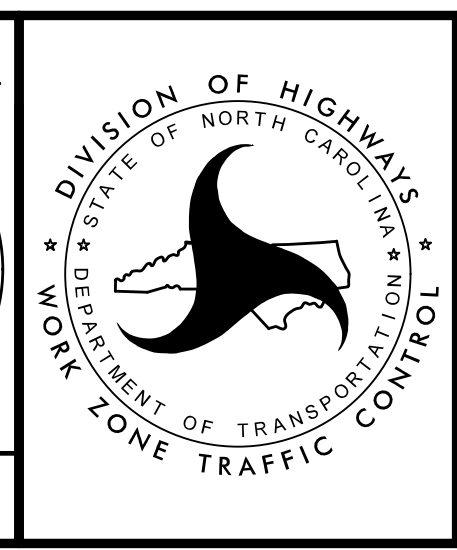
COMPLETE CONSTRUCTION OF LEFT SIDE OF -RPC-.

COMPLETE CONSTRUCTION OF RIGHT SIDE OF -RPD-.

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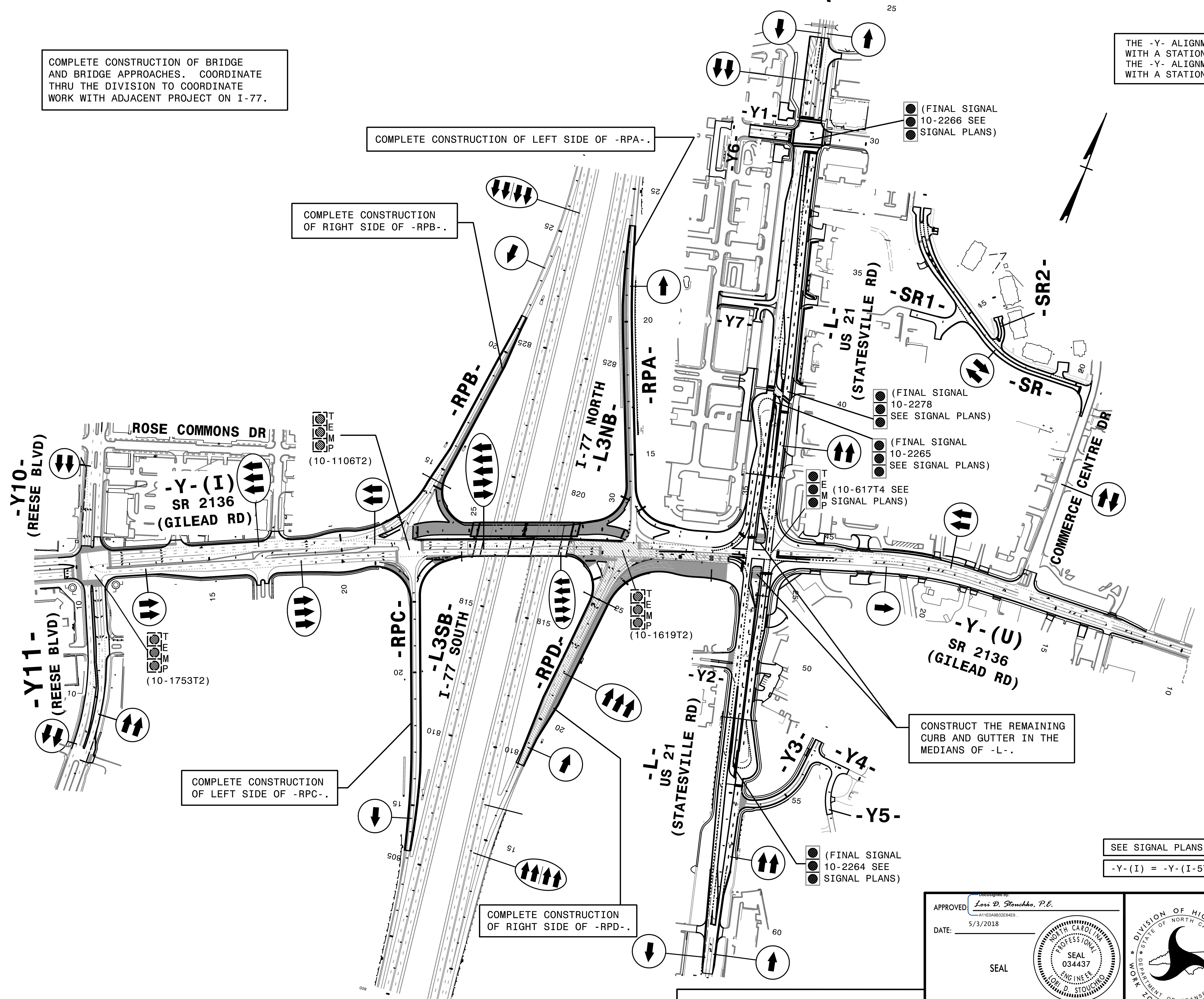
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TRANSPORTATION MANAGEMENT PLAN
PHASE III OVERVIEW

COMPLETE CONSTRUCTION OF BRIDGE AND BRIDGE APPROACHES. COORDINATE THRU THE DIVISION TO COORDINATE WORK WITH ADJACENT PROJECT ON I-77.

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



COMPLETE CONSTRUCTION OF LEFT SIDE OF -RPA--.

COMPLETE CONSTRUCTION OF RIGHT SIDE OF -RPB--.

COMPLETE CONSTRUCTION OF LEFT SIDE OF -RPC--.

COMPLETE CONSTRUCTION OF RIGHT SIDE OF -RPD--.

CONSTRUCT THE REMAINING CURB AND GUTTER IN THE MEDIANS OF -L--.

(FINAL SIGNAL 10-2266 SEE SIGNAL PLANS)

(FINAL SIGNAL 10-2278 SEE SIGNAL PLANS)

(FINAL SIGNAL 10-2265 SEE SIGNAL PLANS)

(10-617T4 SEE SIGNAL PLANS)

(10-1619T2)

(FINAL SIGNAL 10-2264 SEE SIGNAL PLANS)

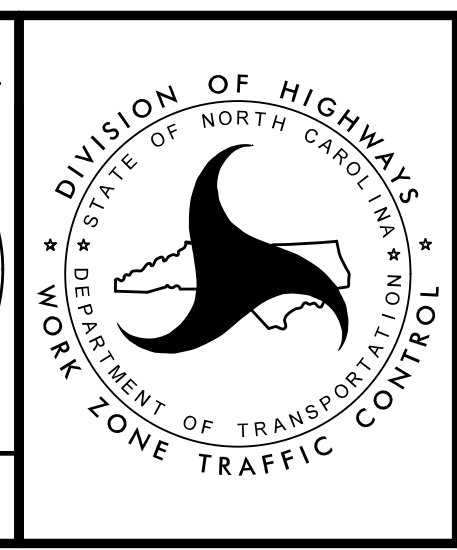
SEE SIGNAL PLANS FOR TEMPORARY SIGNAL PLANS

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

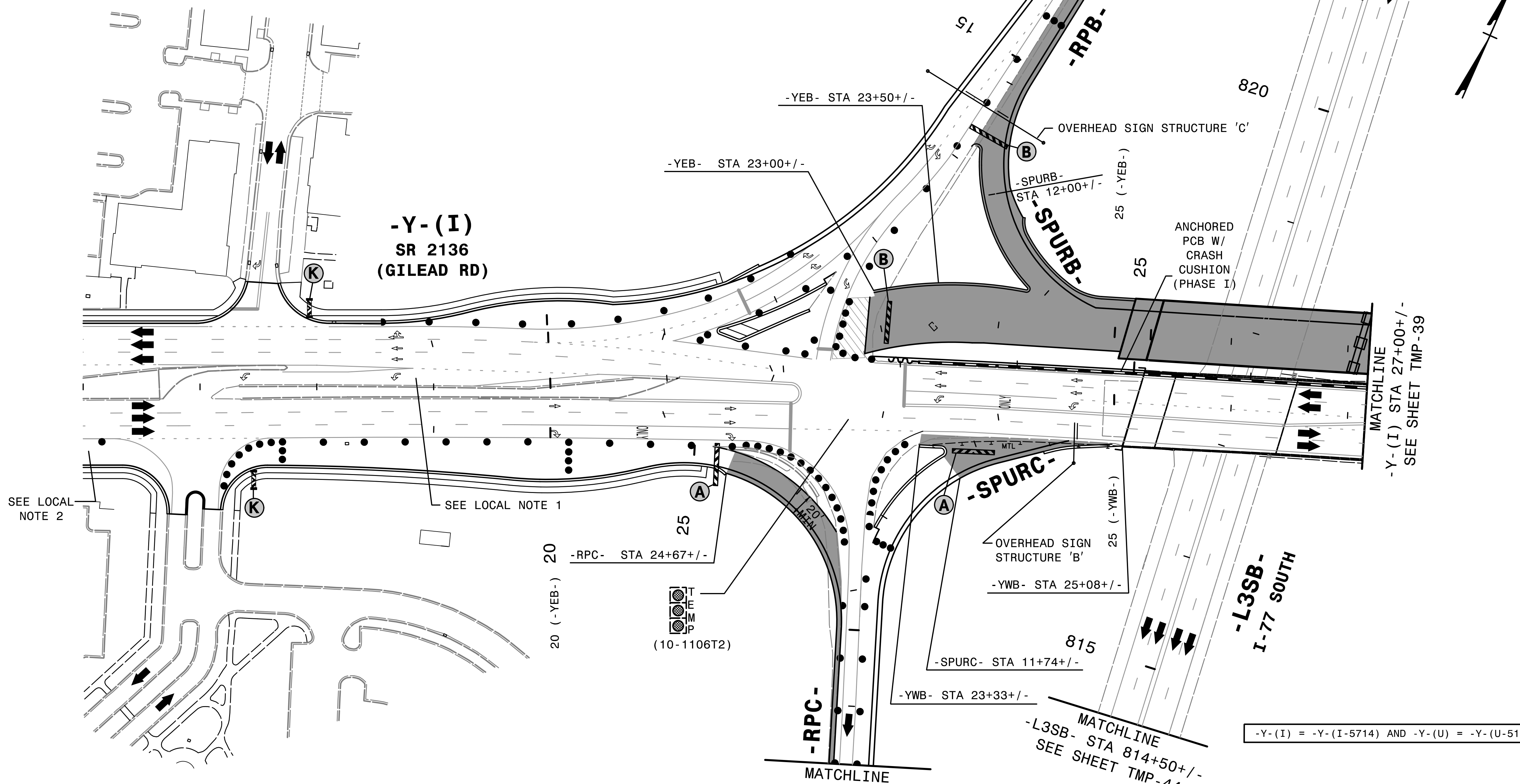
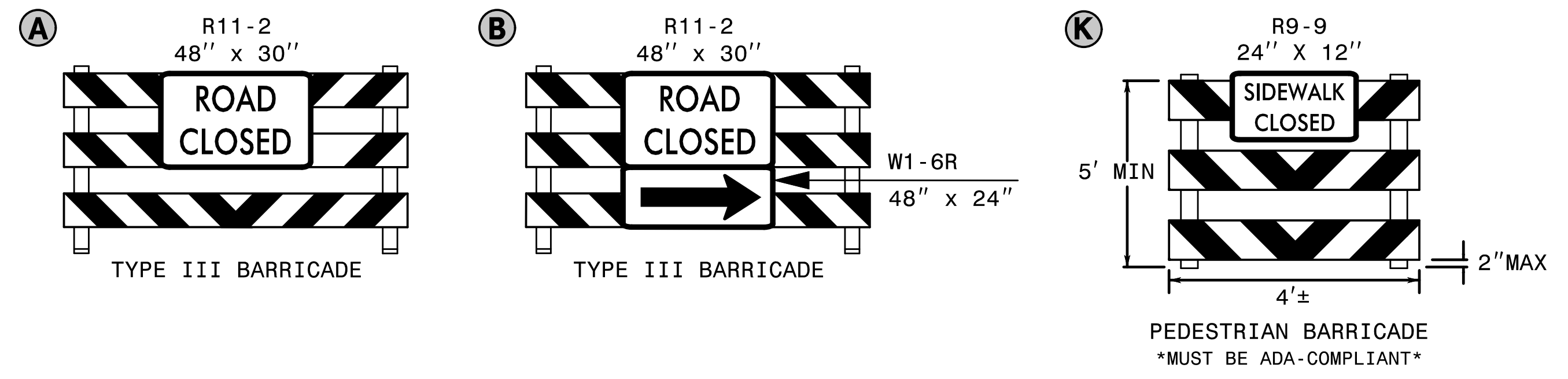
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TRANSPORTATION MANAGEMENT PLAN
PHASE III INTERIM PATTERN OVERVIEW



SEE LOCAL NOTE 2

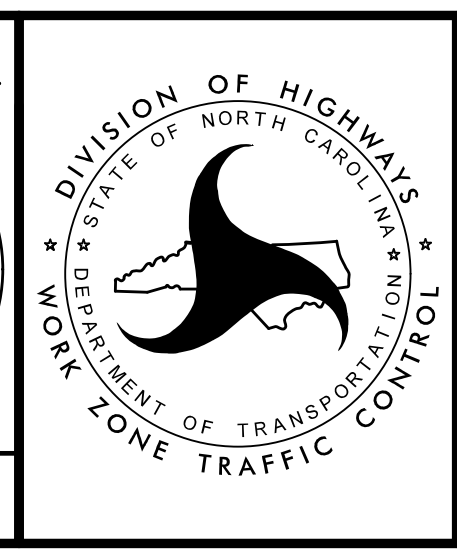
SEE LOCAL NOTE 1

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

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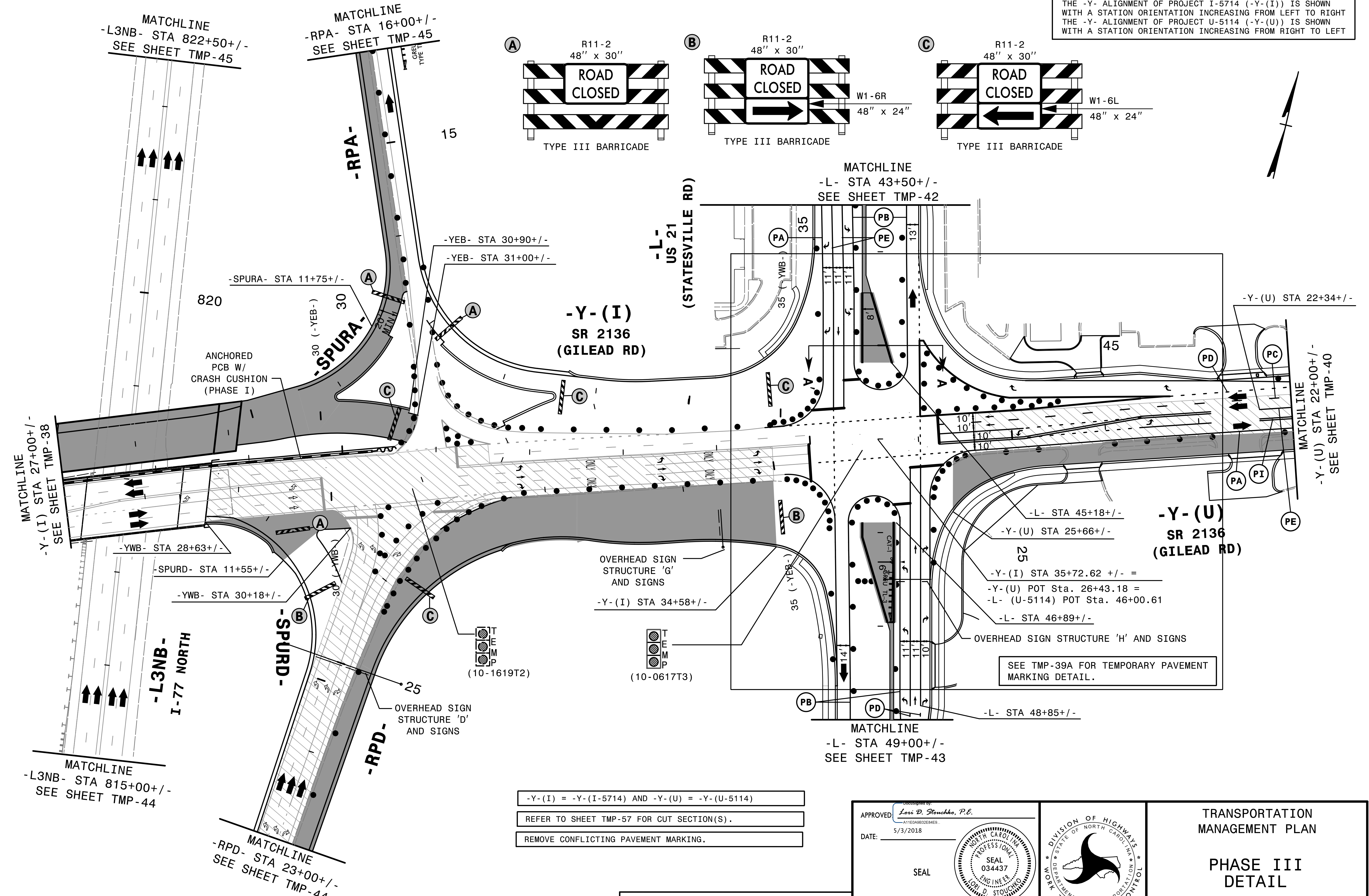
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DATE: 5/3/2018
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TRANSPORTATION
MANAGEMENT PLAN

PHASE III
DETAIL

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT
THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
REFER TO SHEET TMP-57 FOR CUT SECTION(S).
REMOVE CONFLICTING PAVEMENT MARKING.

SEE TMP-39A FOR TEMPORARY PAVEMENT MARKING DETAIL.

4/25/2018
I-5714-U-5114-rc-39_P3 d3.dgn
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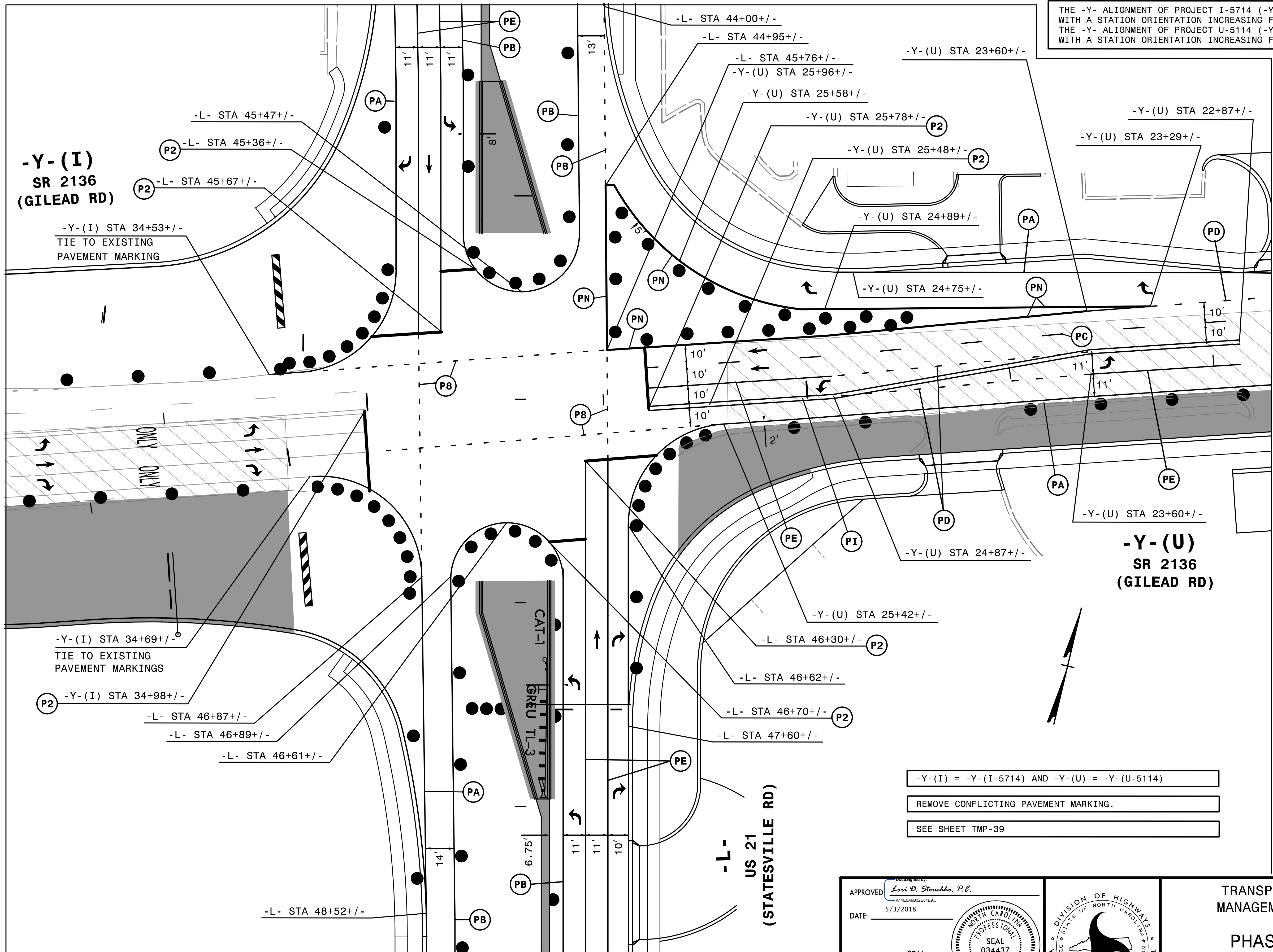


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DATE: 5/3/2018
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TRANSPORTATION MANAGEMENT PLAN
PHASE III DETAIL

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT
THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT

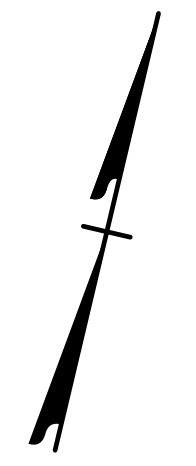


-Y-(I)
SR 2136
(GILEAD RD)

-Y-(U)
SR 2136
(GILEAD RD)

-L-
US 21
(STATESVILLE RD)

- Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
- REMOVE CONFLICTING PAVEMENT MARKING.
- SEE SHEET TMP-39



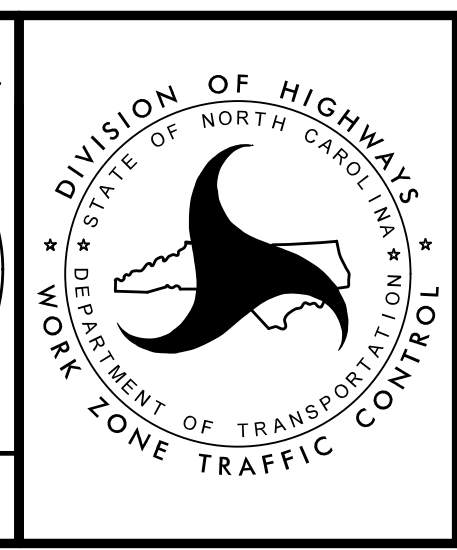
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DATE: 5/3/2018

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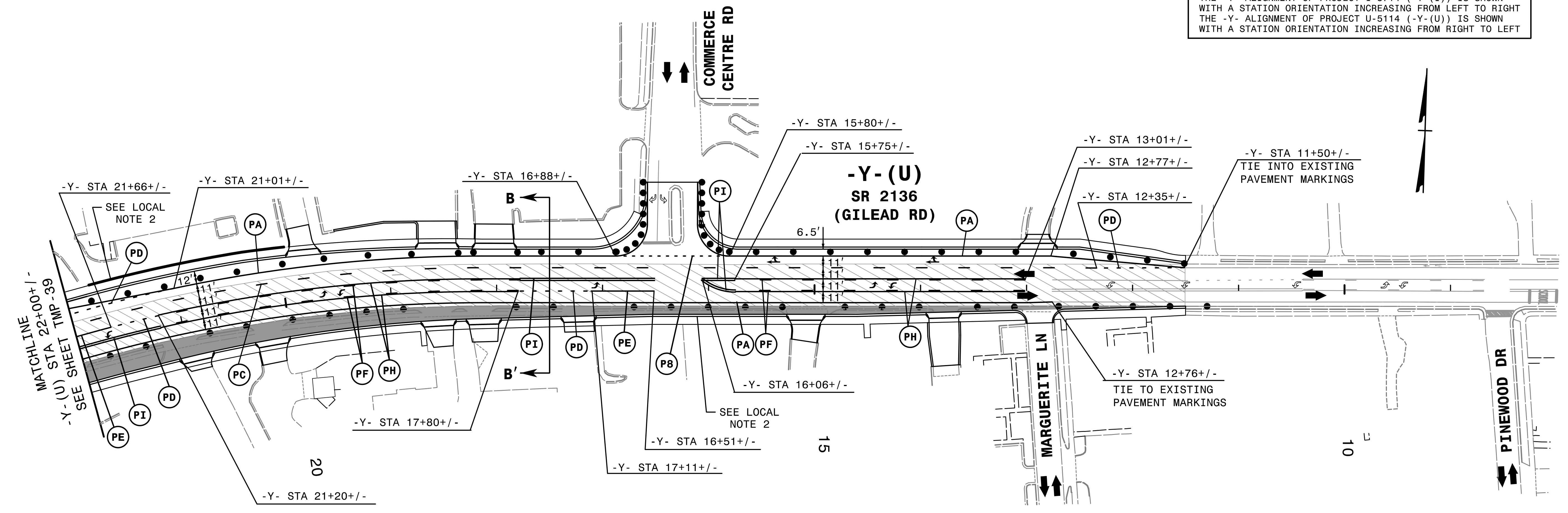
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TRANSPORTATION
MANAGEMENT PLAN

**PHASE III
DETAIL**
(TEMPORARY PAVEMENT
MARKING DETAIL)

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



MATCHLINE
-Y-(U) STA 22+00+/-
SEE SHEET TMP-39

-Y- STA 21+66+/-
SEE LOCAL NOTE 2

-Y- STA 21+01+/-

-Y- STA 16+88+/-

-Y- STA 15+80+/-
-Y- STA 15+75+/-

-Y- STA 13+01+/-
-Y- STA 12+77+/-

-Y- STA 11+50+/-
TIE INTO EXISTING PAVEMENT MARKINGS

-Y-(U)
SR 2136
(GILEAD RD)

-Y- STA 12+35+/-

-Y- STA 17+80+/-

-Y- STA 21+20+/-

-Y- STA 17+80+/-

-Y- STA 16+51+/-
-Y- STA 17+11+/-

-Y- STA 16+06+/-

-Y- STA 12+76+/-
TIE TO EXISTING PAVEMENT MARKINGS

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

REFER TO SHEET TMP-57 FOR CUT SECTION(S).

REMOVE CONFLICTING PAVEMENT MARKING.

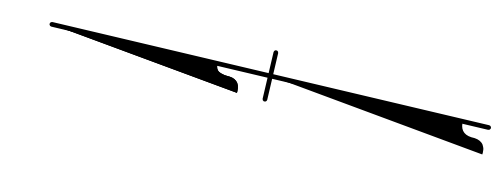
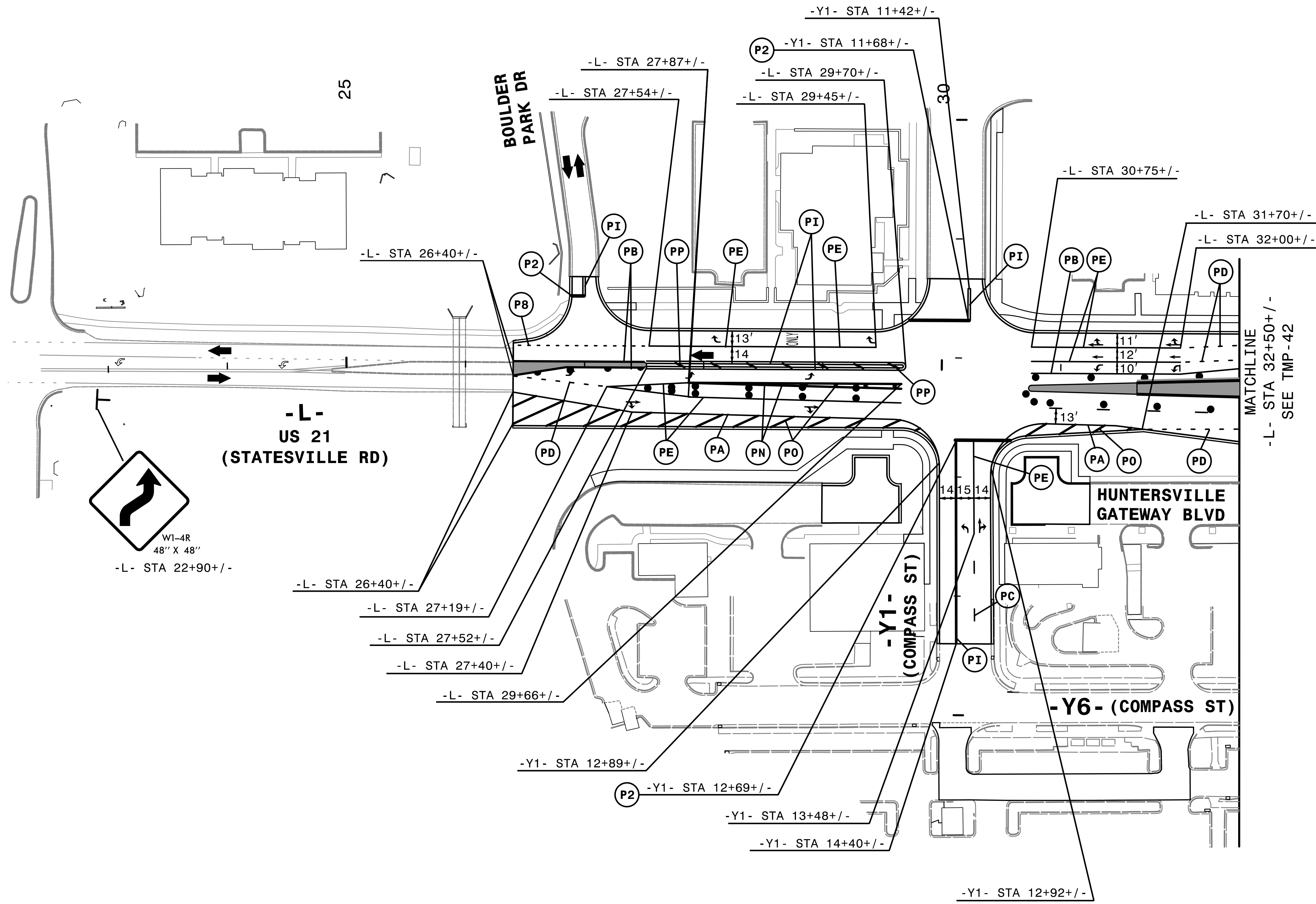
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TRANSPORTATION MANAGEMENT PLAN
PHASE III
DETAIL



REMOVE CONFLICTING PAVEMENT MARKING.

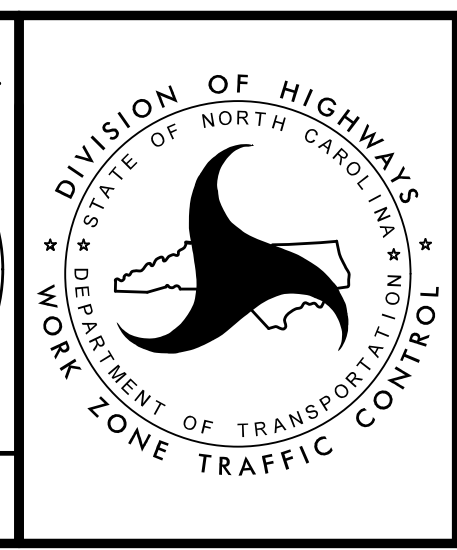
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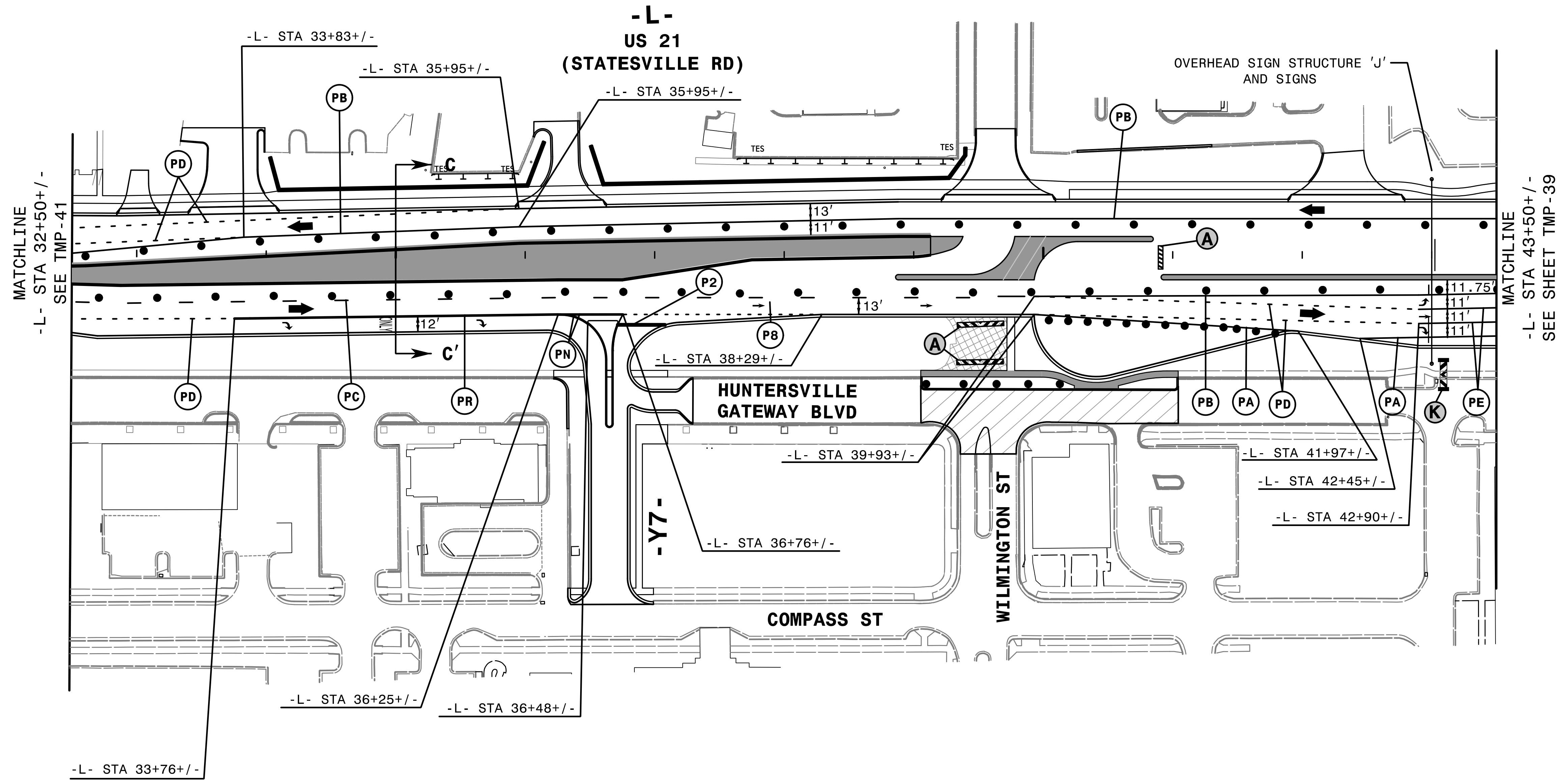
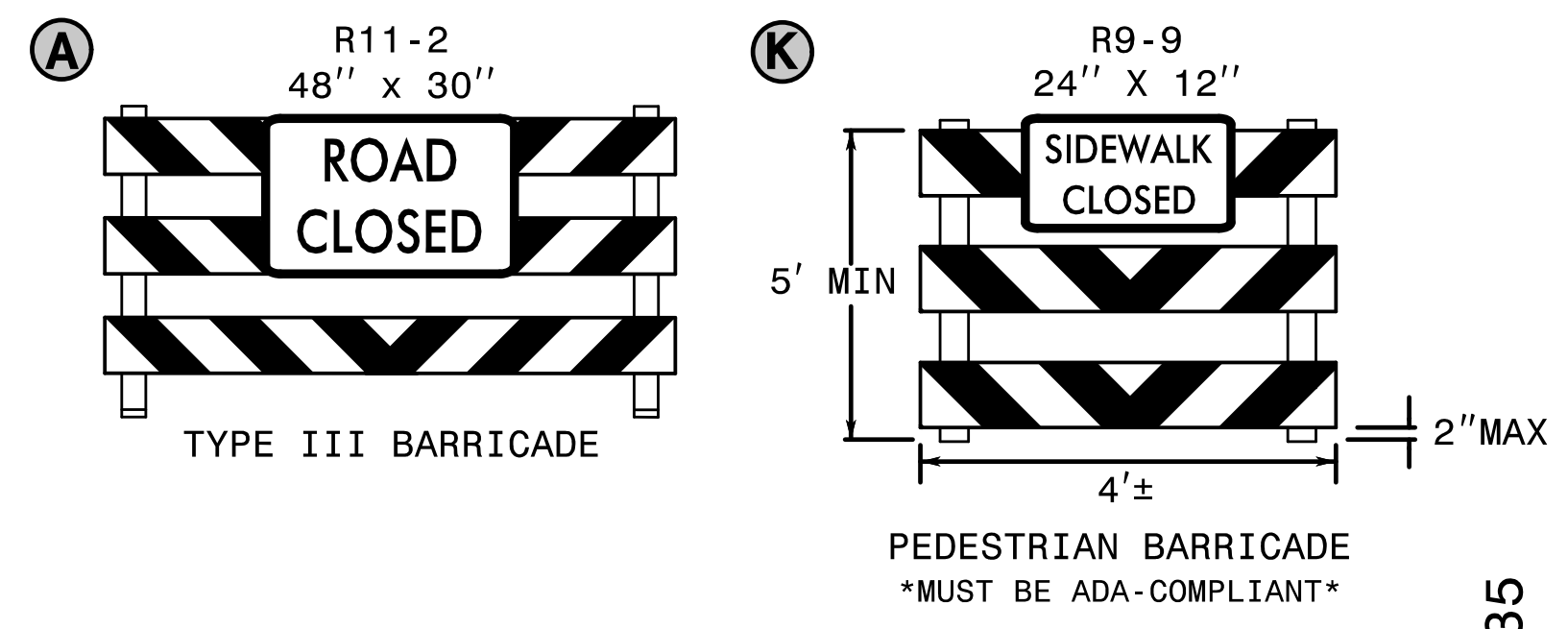
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE III
 DETAIL



LOCATE STOP BARS AT UNSIGNALIZED INTERSECTIONS 10' FROM EOT OR AS DIRECTED BY THE ENGINEER.

REFER TO SHEET TMP-57 FOR CUT SECTION(S).

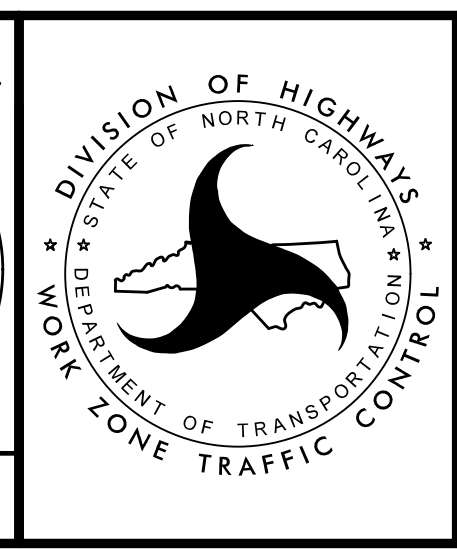
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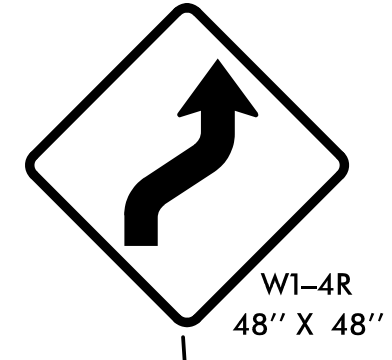
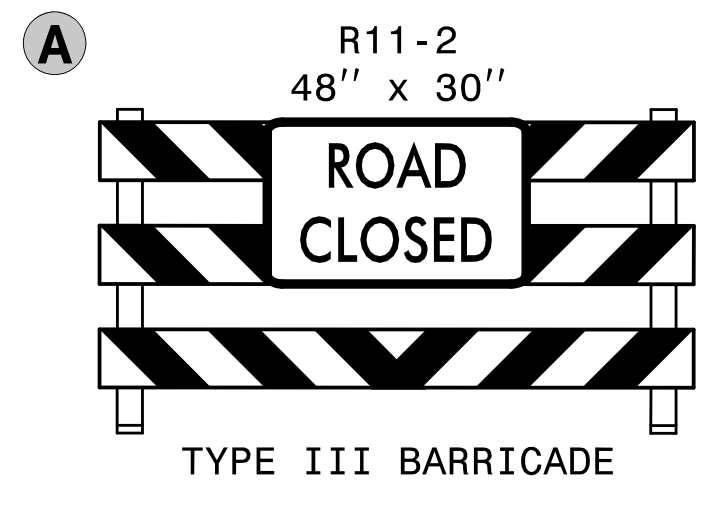
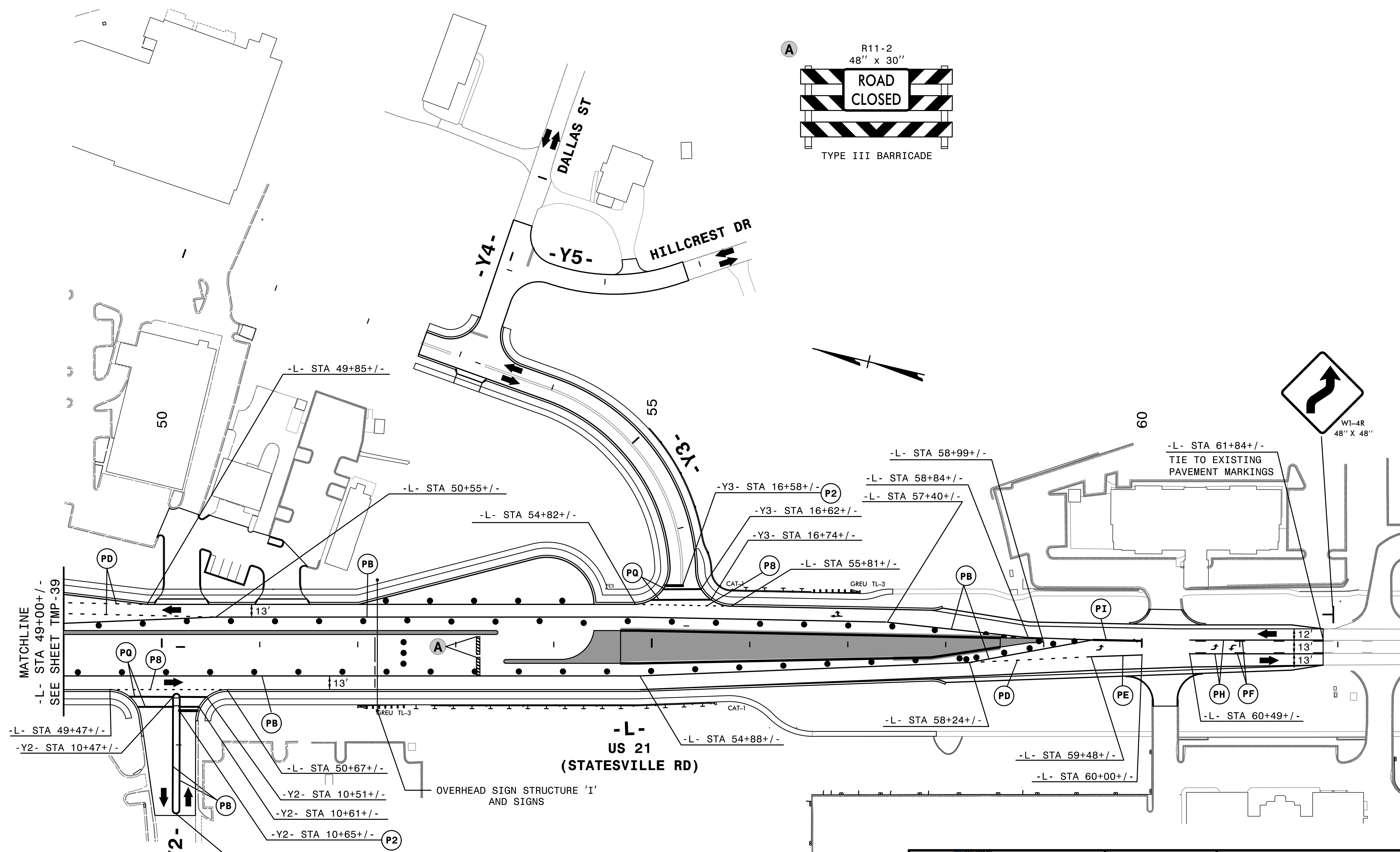
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TRANSPORTATION MANAGEMENT PLAN

PHASE III DETAIL

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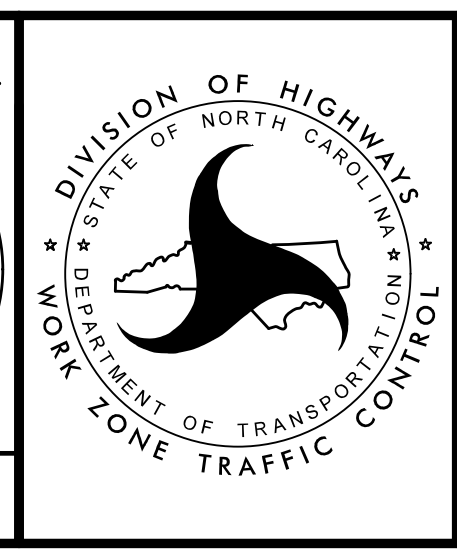
MATCHLINE
-L- STA 49+00+/-
SEE SHEET TMP-39

REMOVE CONFLICTING PAVEMENT MARKING.

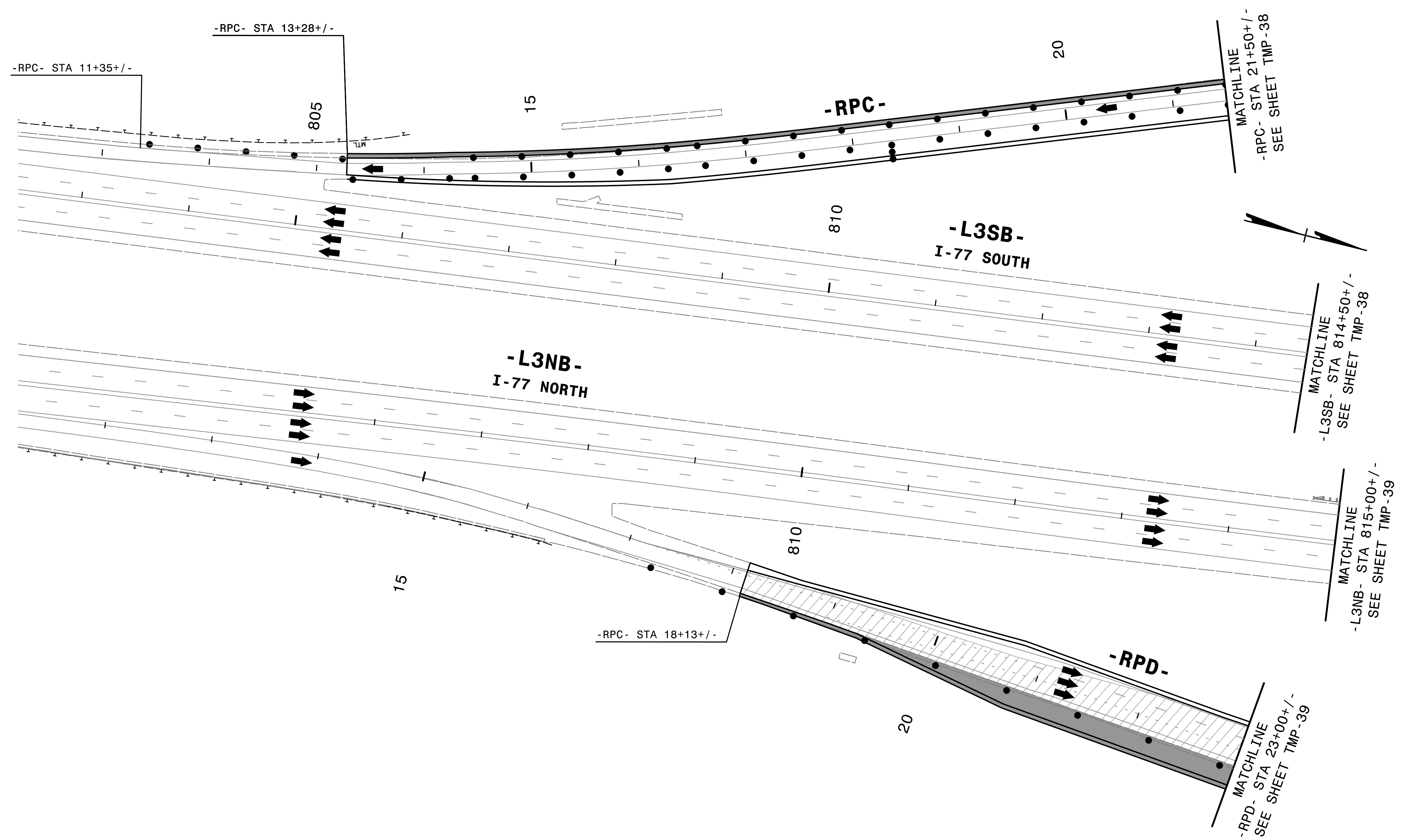
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TRANSPORTATION
MANAGEMENT PLAN
PHASE III
DETAIL



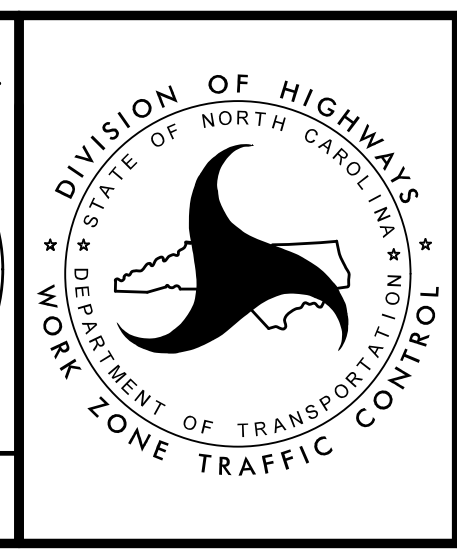
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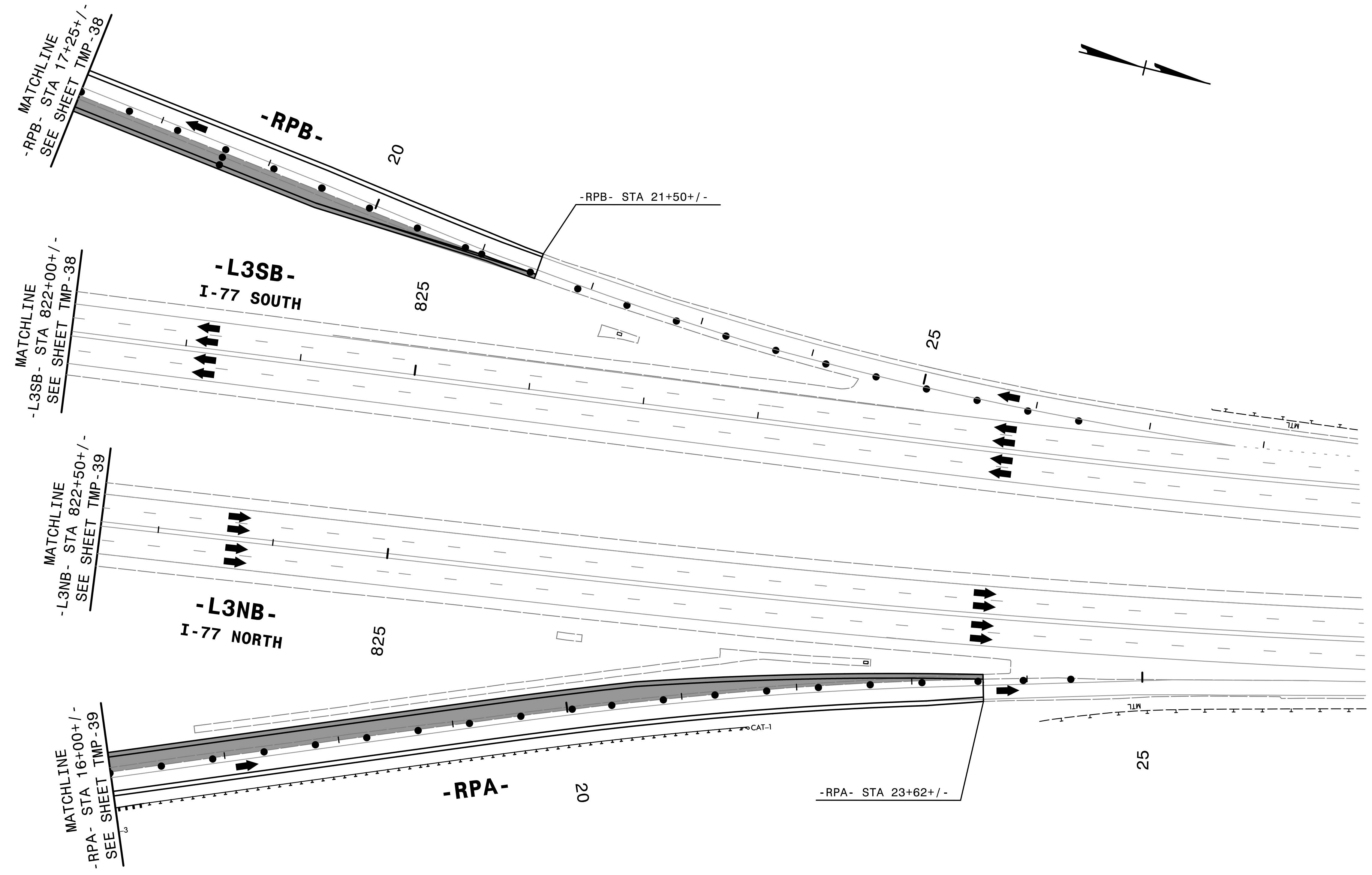
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE III
 DETAIL



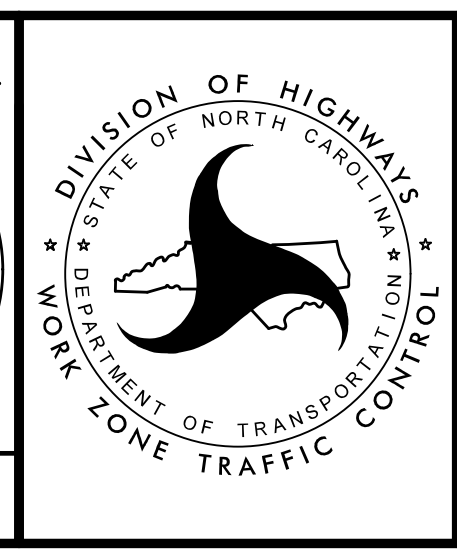
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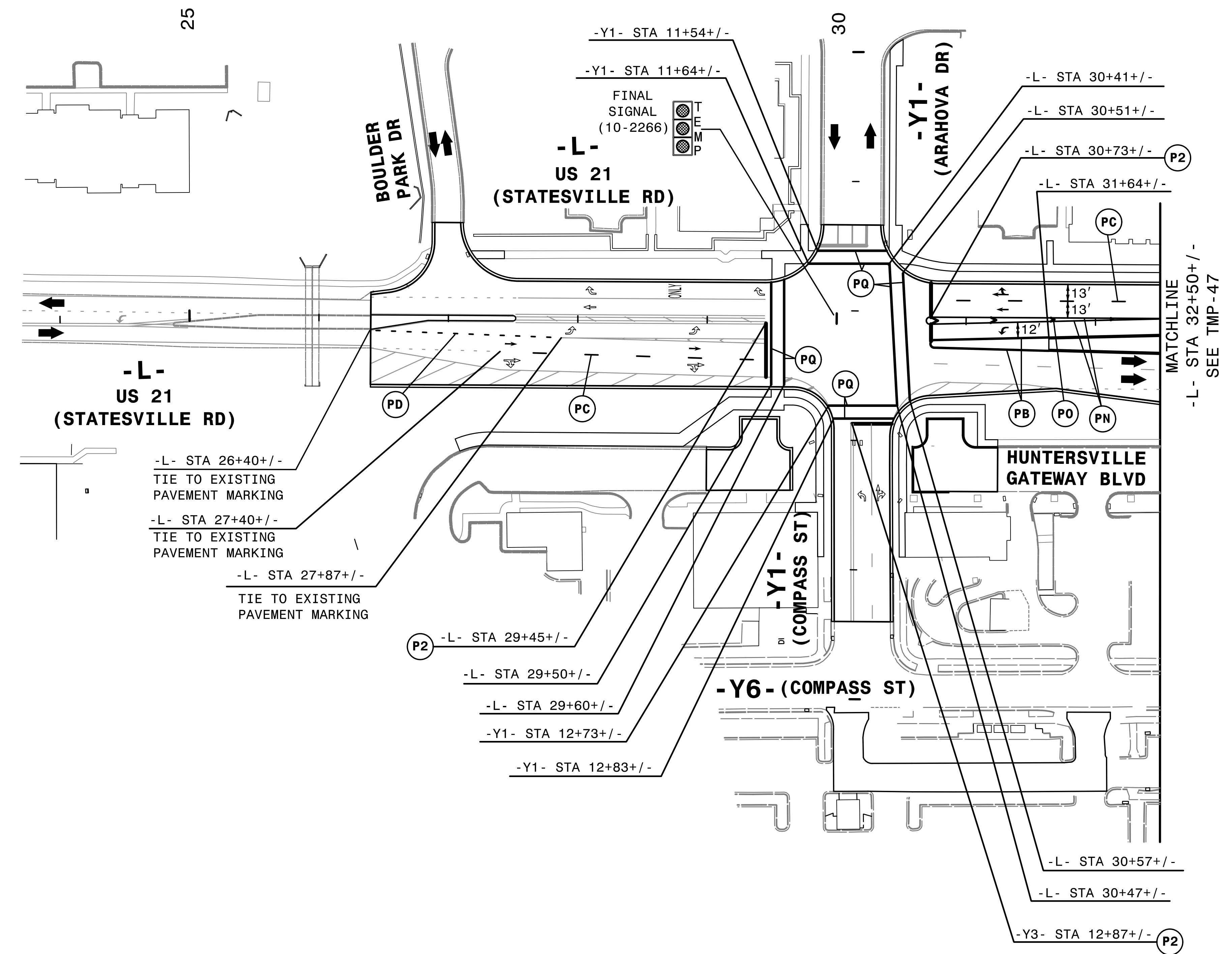
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**TRANSPORTATION
 MANAGEMENT PLAN**

**PHASE III
 DETAIL**



**-L-
US 21
(STATESVILLE RD)**

-L- STA 26+40+/-
TIE TO EXISTING
PAVEMENT MARKING

-L- STA 27+40+/-
TIE TO EXISTING
PAVEMENT MARKING

-L- STA 27+87+/-
TIE TO EXISTING
PAVEMENT MARKING

-Y1- STA 11+54+/-

-Y1- STA 11+64+/-

FINAL
SIGNAL
(10-2266)

**-L-
US 21
(STATESVILLE RD)**

-L- STA 30+41+/-

-L- STA 30+51+/-

-L- STA 30+73+/- (P2)

-L- STA 31+64+/- (PC)

MATCHLINE
-L- STA 32+50+/-
SEE TMP-47

**HUNTERSVILLE
GATEWAY BLVD**

**-Y1-
(COMPASS ST)**

-Y6- (COMPASS ST)

(P2) -L- STA 29+45+/-

-L- STA 29+50+/-

-L- STA 29+60+/-

-Y1- STA 12+73+/-

-Y1- STA 12+83+/-

-L- STA 30+57+/-

-L- STA 30+47+/-

-Y3- STA 12+87+/- (P2)

REMOVE CONFLICTING PAVEMENT MARKING.

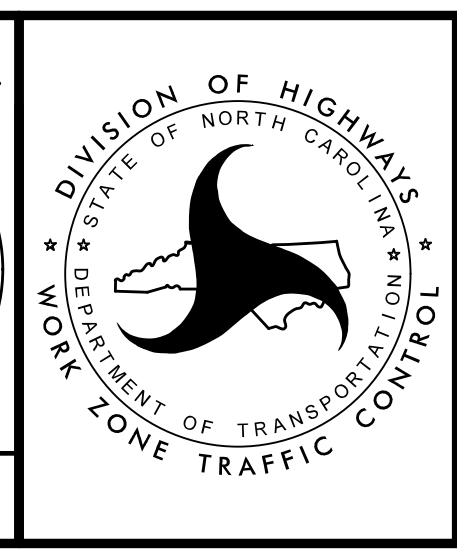
4/3/2018
I-5714_U-5114_fc_46_P3_d5_int.dgn
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DATE: 5/3/2018

SEAL

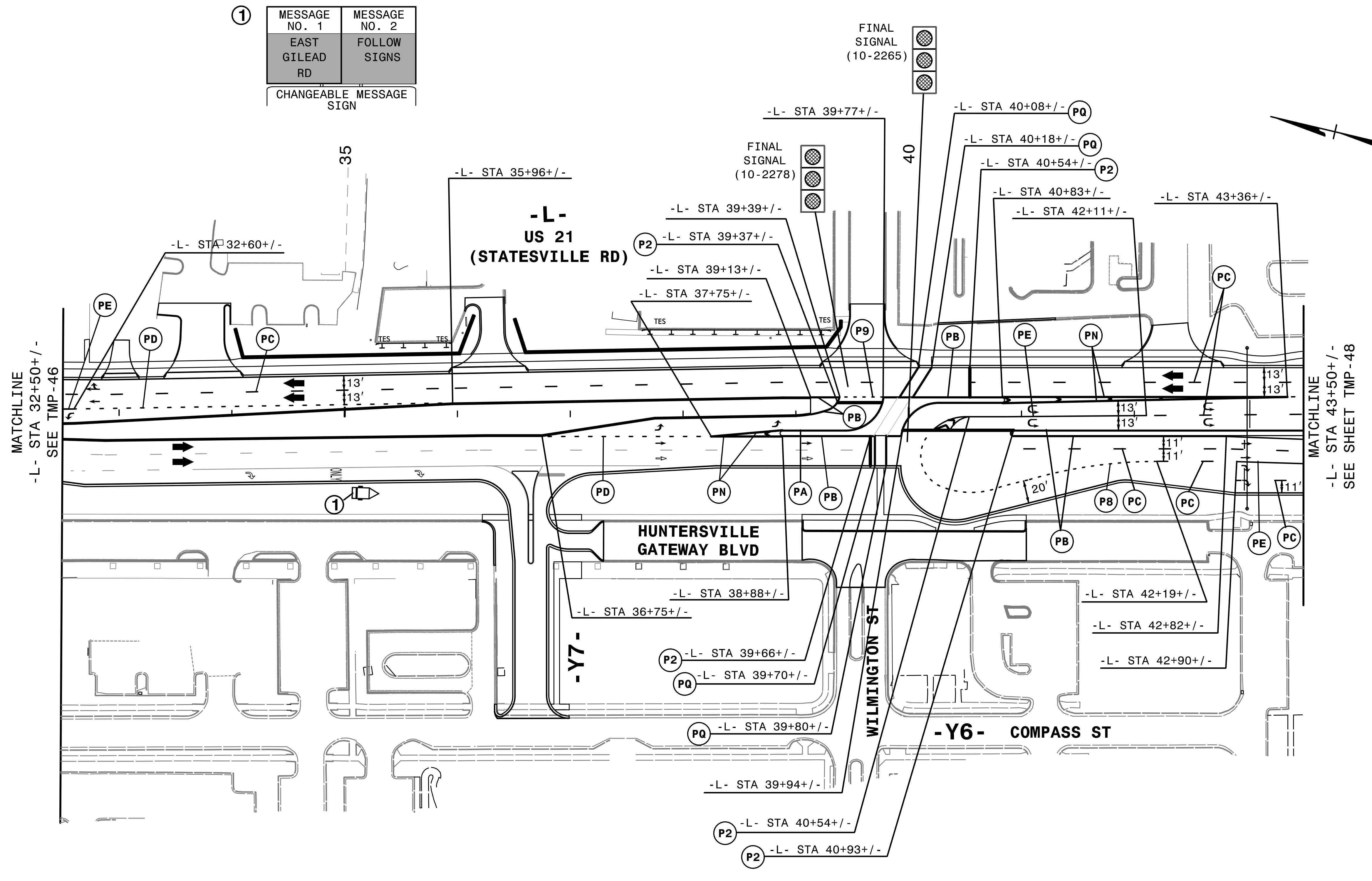
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TRANSPORTATION
MANAGEMENT PLAN

**-L- PHASE III
INTERIM PATTERN
DETAIL**

①	MESSAGE NO. 1	MESSAGE NO. 2
	EAST GILEAD RD	FOLLOW SIGNS
CHANGEABLE MESSAGE SIGN		



MATCHLINE
-L- STA 32+50+/-
SEE TMP-46

MATCHLINE
-L- STA 43+50+/-
SEE SHEET TMP-48

REMOVE CONFLICTING PAVEMENT MARKING.



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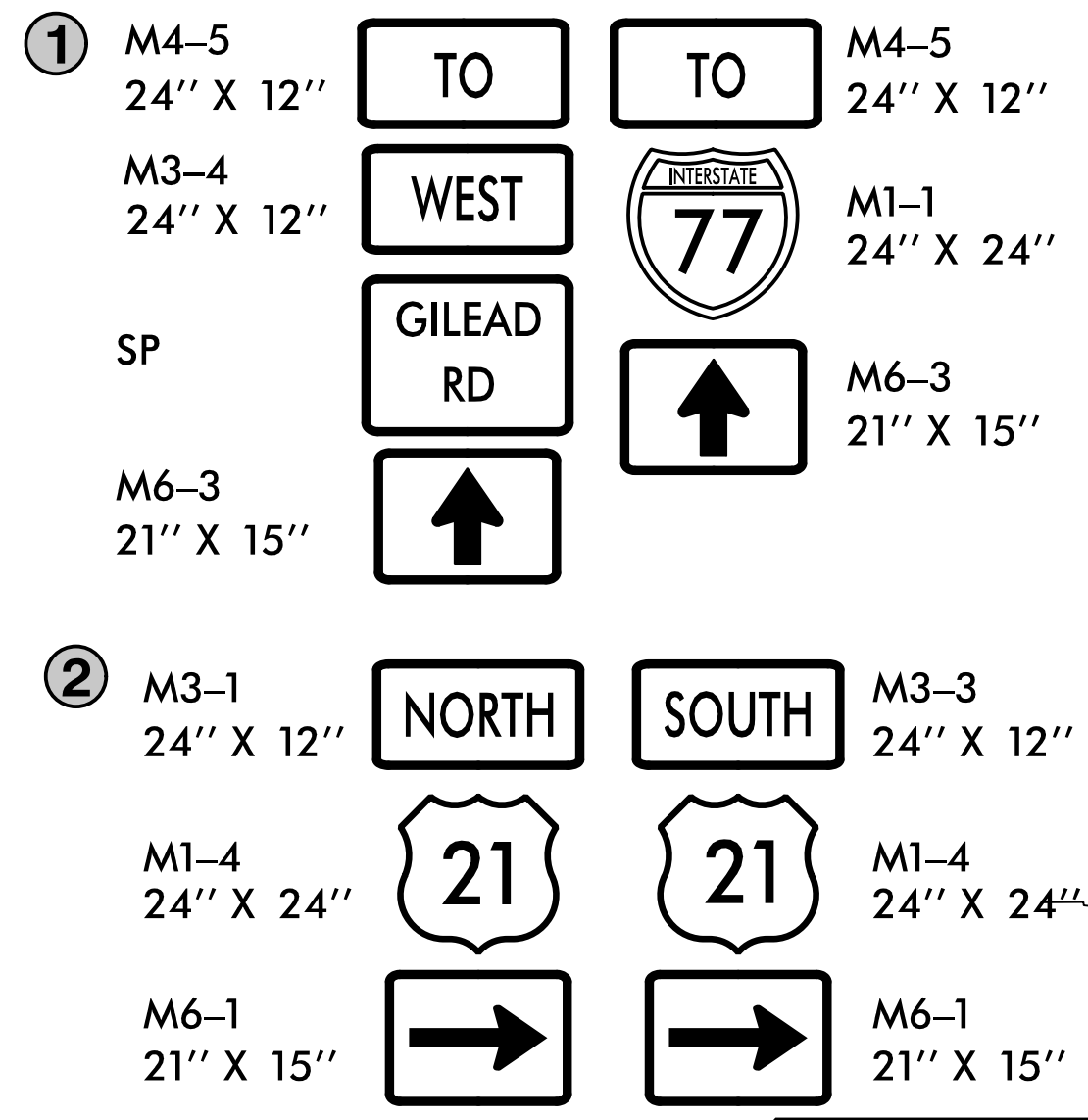
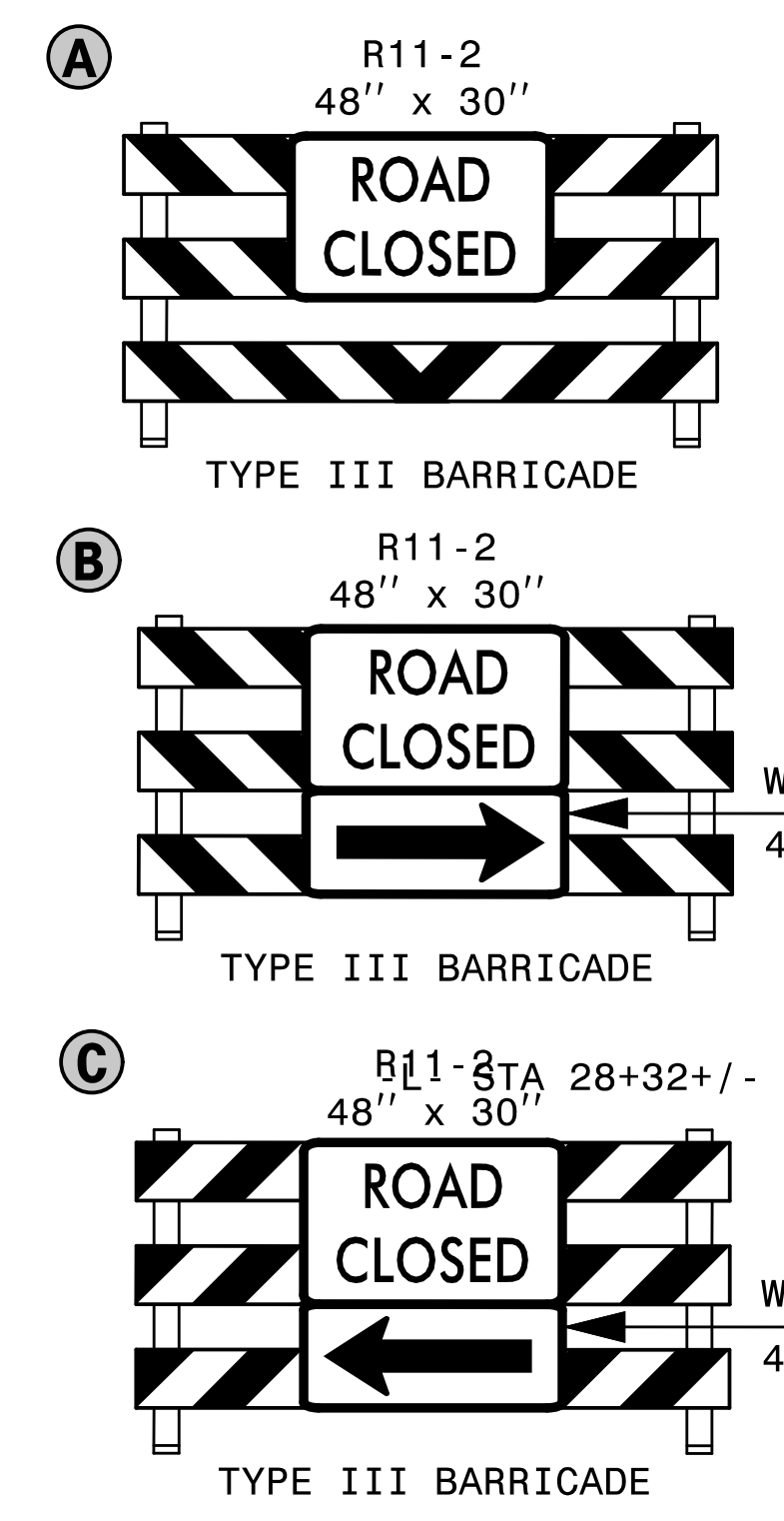
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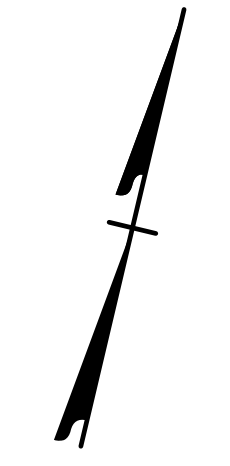
TRANSPORTATION
MANAGEMENT PLAN

PHASE III
-L- INTERIM PATTERN
DETAIL

4/25/2018
I-5714-U-5114-rc-47-P3 d6 int.dgn
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THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT
 THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



③

MESSAGE NO. 1	MESSAGE NO. 2
ALL US 21 TRAFFIC	NEXT RIGHT

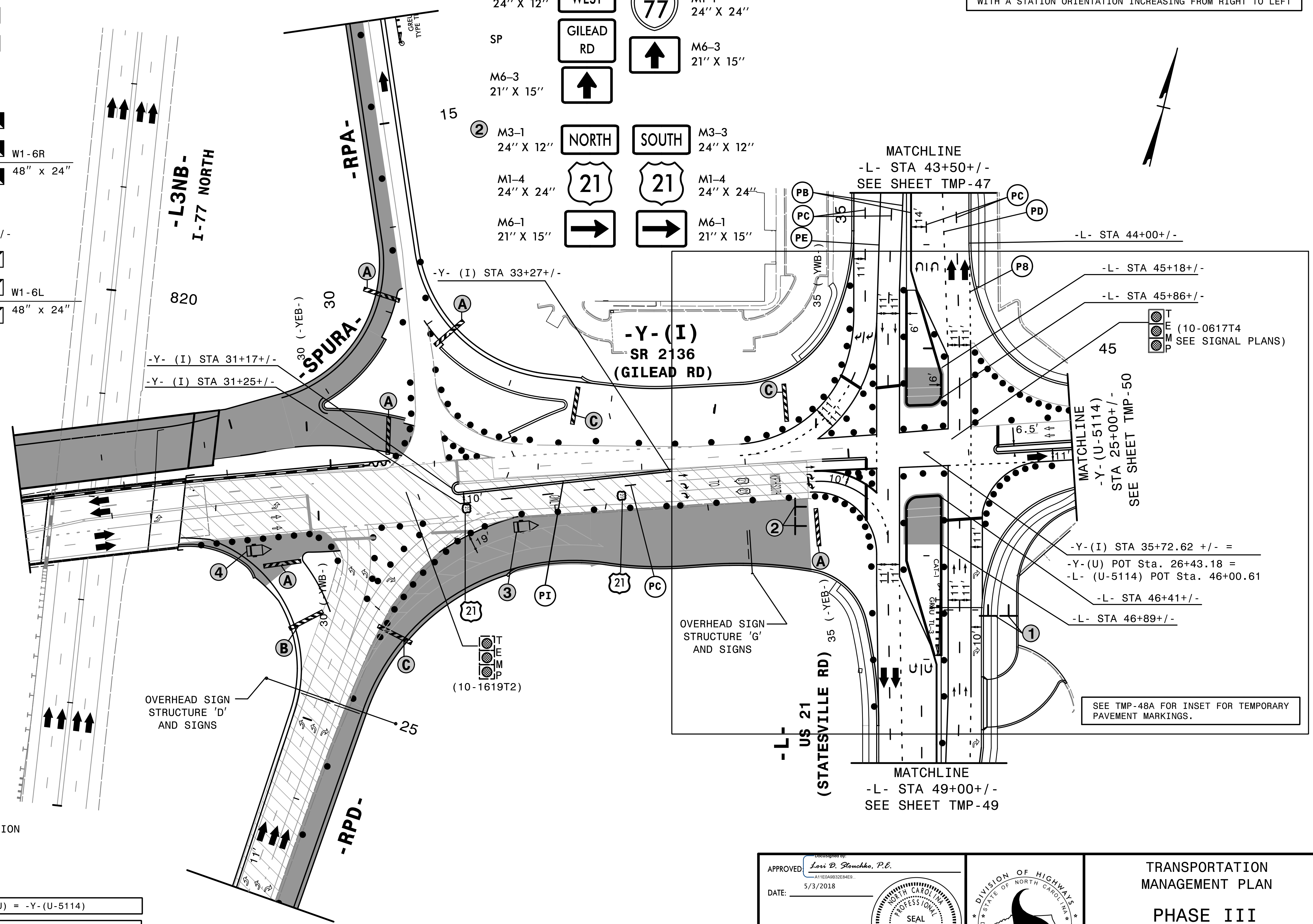
CHANGEABLE MESSAGE SIGN
 NOTE: MESSAGE AND LOCATION OF CMS PER ENGINEER

④

MESSAGE NO. 1	MESSAGE NO. 2
ALL US 21 TRAFFIC	KEEP RIGHT

CHANGEABLE MESSAGE SIGN
 NOTE: MESSAGE AND LOCATION OF CMS PER ENGINEER

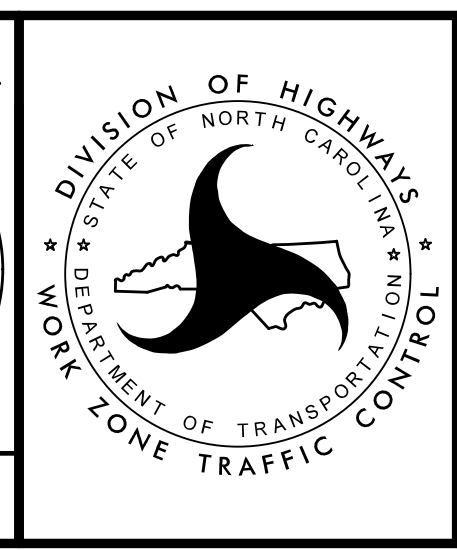
- Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
- REMOVE CONFLICTING PAVEMENT MARKING.
- SEE SHEET TMP-48



4/25/2018
 I-5714-U-5114-rc-48-P3a-d3-int.dgn
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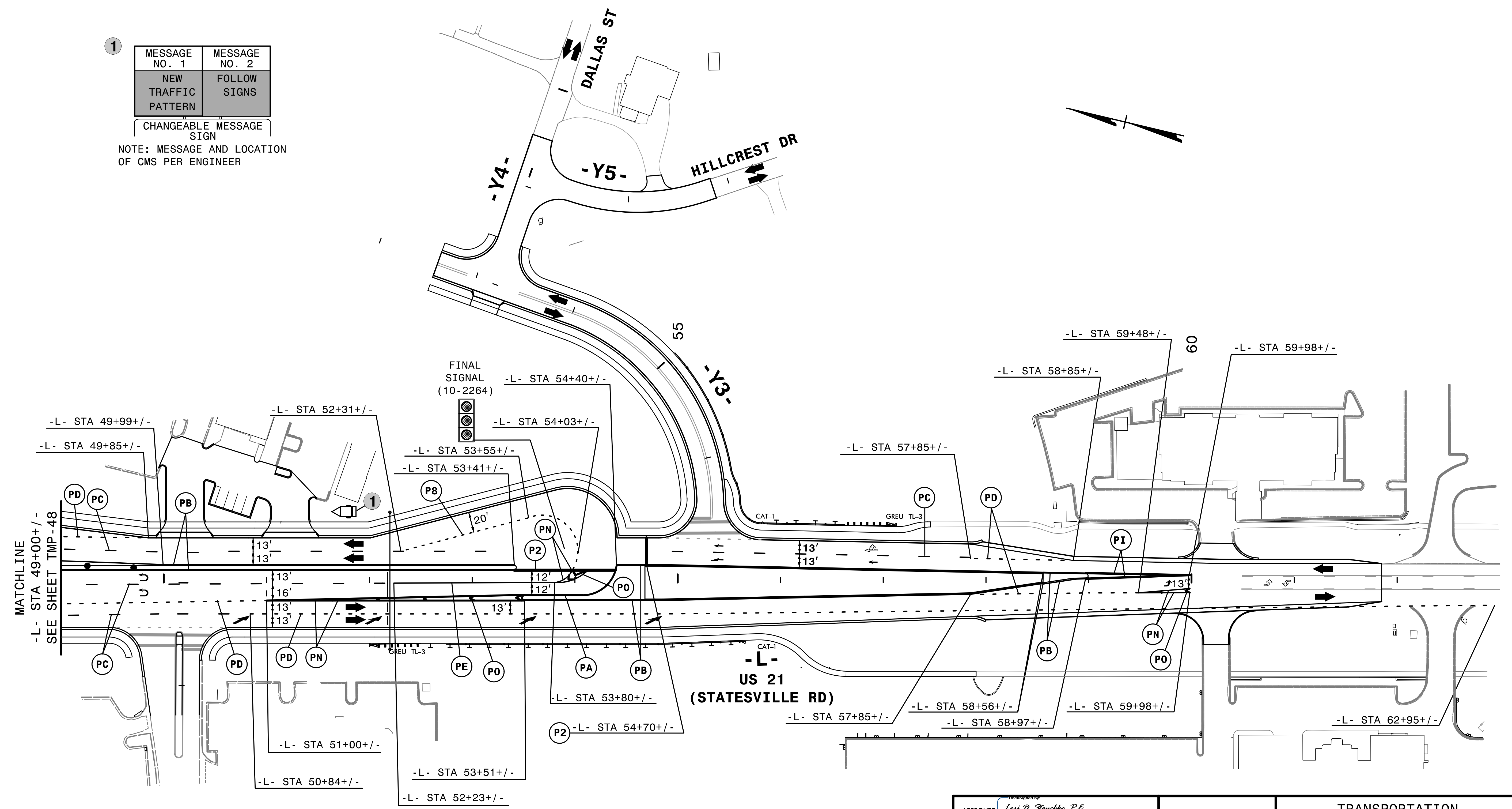
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 DATE: 5/3/2018
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TRANSPORTATION MANAGEMENT PLAN
 PHASE III
 -L- INTERIM PATTERN DETAIL

1	MESSAGE NO. 1	MESSAGE NO. 2
	NEW TRAFFIC PATTERN	FOLLOW SIGNS
CHANGEABLE MESSAGE SIGN		

NOTE: MESSAGE AND LOCATION OF CMS PER ENGINEER



MATCHLINE
-L- STA 49+00+/-
SEE SHEET TMP-48

REMOVE CONFLICTING PAVEMENT MARKING.

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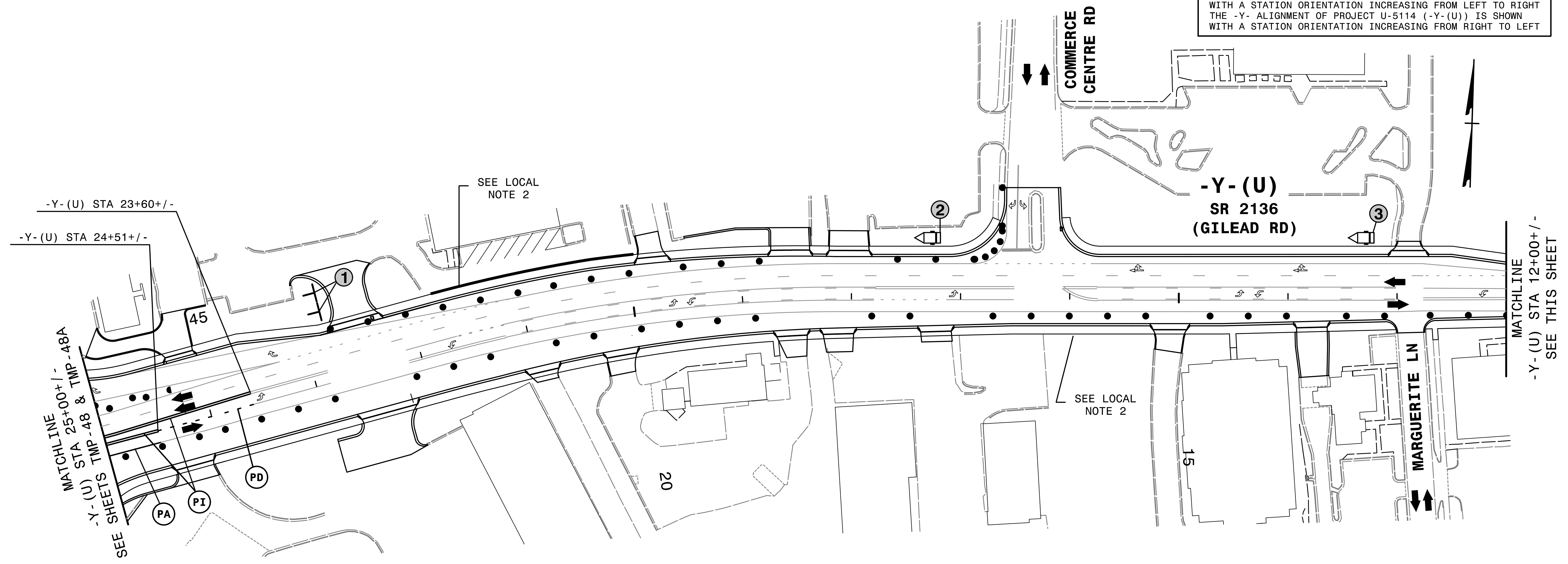
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TRANSPORTATION
 MANAGEMENT PLAN
 PHASE III
 -L- INTERIM PATTERN
 DETAIL

4/3/2018
I-5714_U-5114_fc_49_P3a_d7_int.dgn
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THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT
 THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



- ①
- | | | | |
|-------------------|--|--|-------------------|
| M3-1
24" X 12" | | | M3-3
24" X 12" |
| M1-4
24" X 24" | | | M1-4
24" X 24" |
| M6-2
21" X 15" | | | M6-2
21" X 15" |

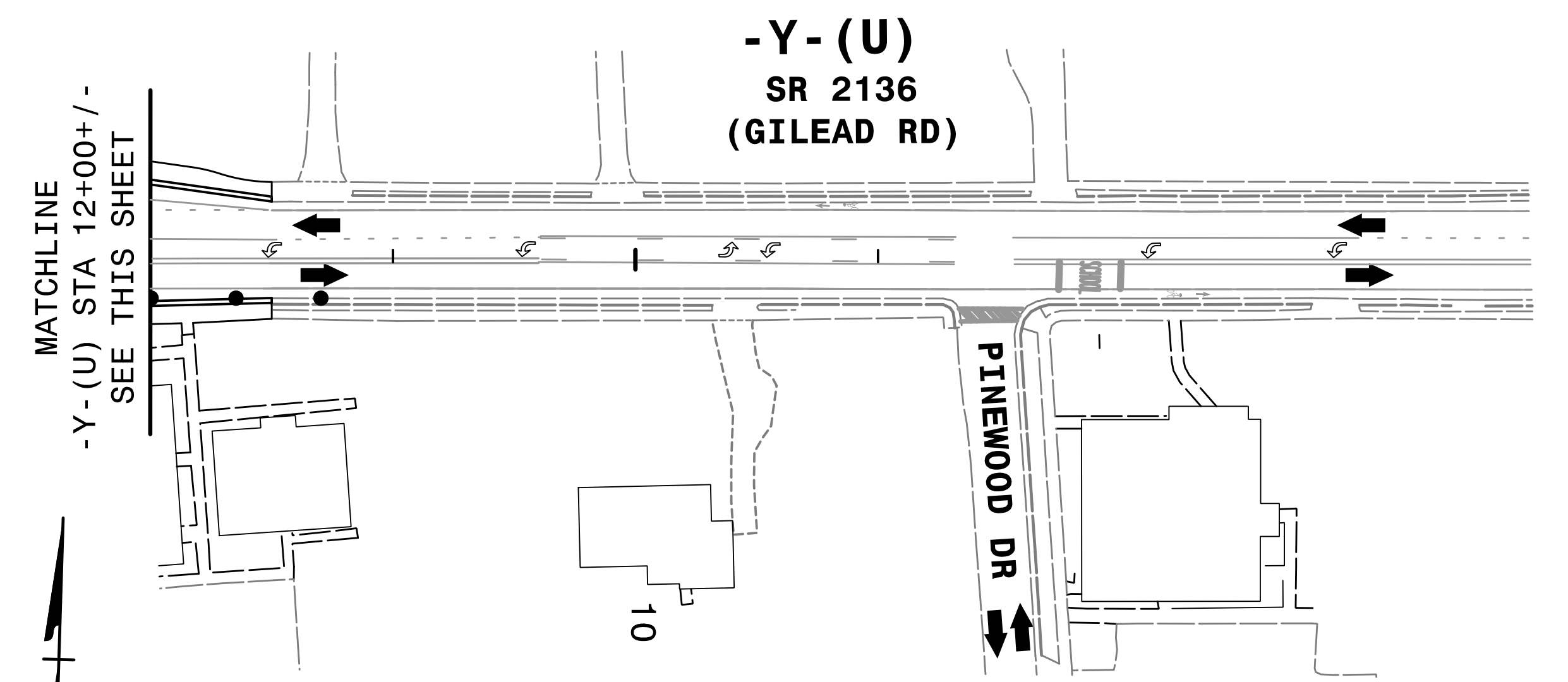
②

MESSAGE NO. 1 ALL US 21 TRAFFIC	MESSAGE NO. 2 NEXT RIGHT
CHANGEABLE MESSAGE SIGN	

③

MESSAGE NO. 1 NEW TRAFFIC PATTERN	MESSAGE NO. 2 NO LEFT AT SIGNAL
CHANGEABLE MESSAGE SIGN	

NOTE: MESSAGE AND LOCATION OF CMS PER ENGINEER



-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

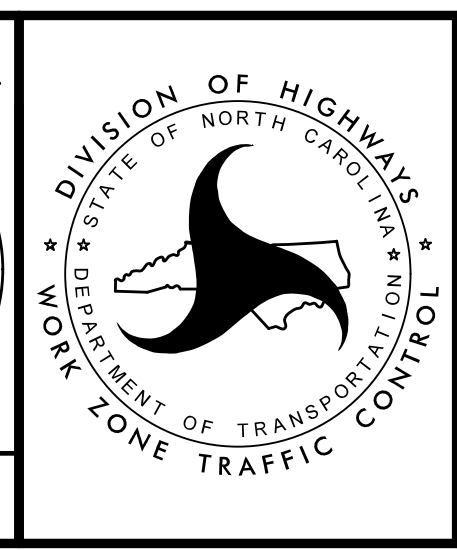
REMOVE CONFLICTING PAVEMENT MARKING.



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SEAL

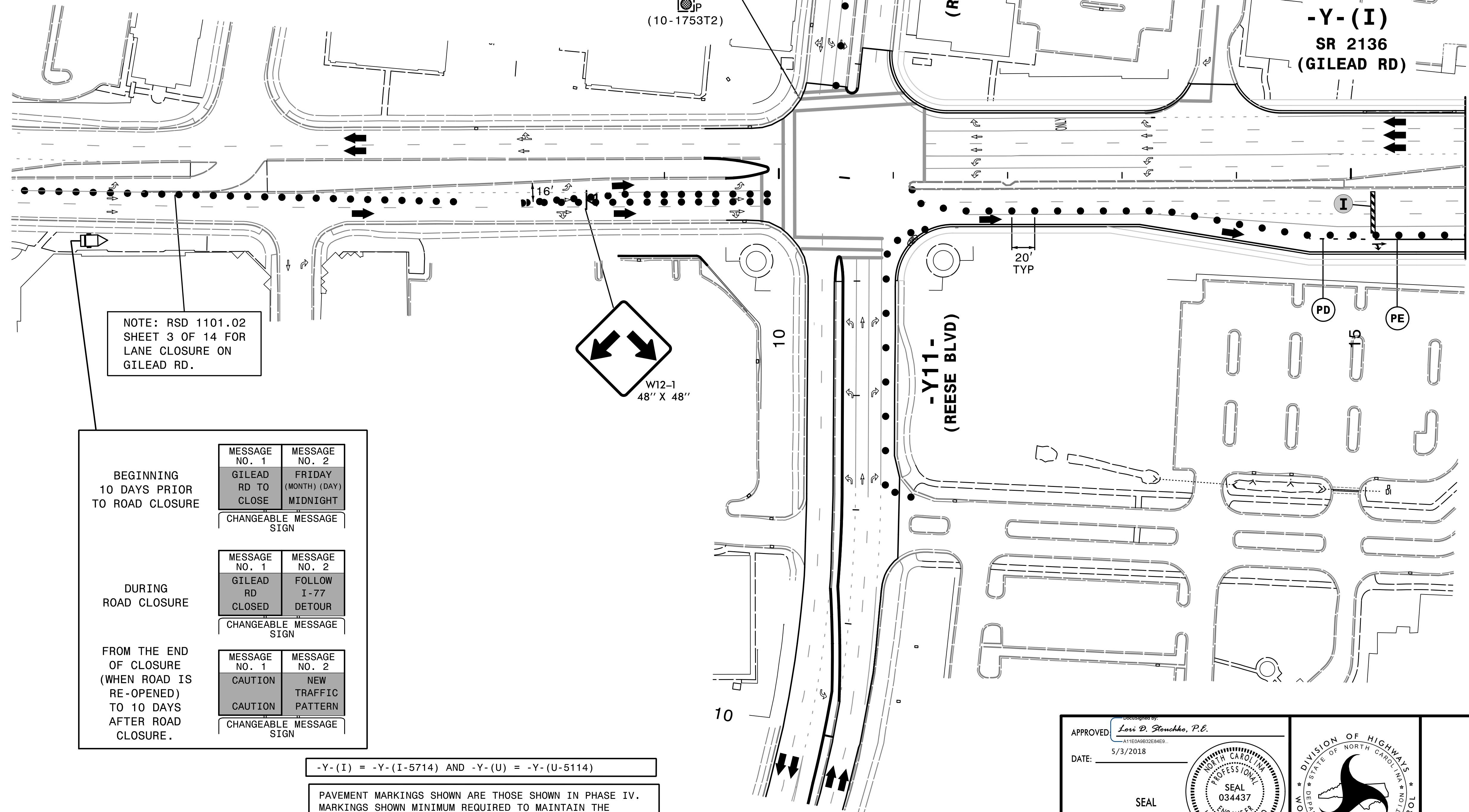
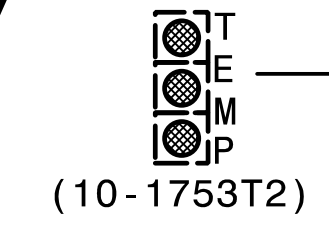
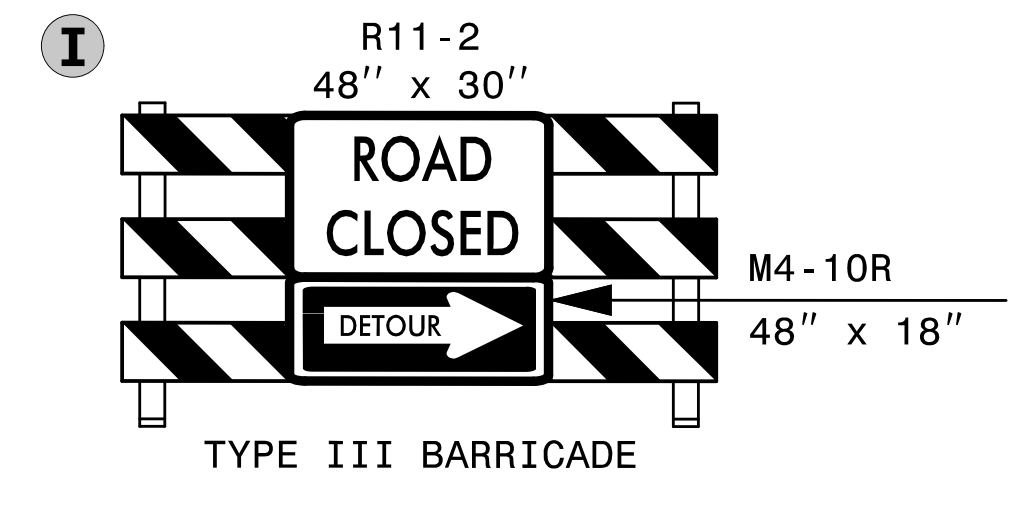
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TRANSPORTATION MANAGEMENT PLAN

PHASE III
 -L- INTERIM PATTERN
 DETAIL

NOTE: USE DRUMS TO CLOSE LEFT LANE FROM THE BEGINNING OF 2 LANE PATTERN AT ROSEWOOD MEADOW LANE TO -Y-(I).



NOTE: RSD 1101.02 SHEET 3 OF 14 FOR LANE CLOSURE ON GILEAD RD.

BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1	MESSAGE NO. 2
	GILEAD RD TO CLOSE	FRIDAY (MONTH) (DAY) MIDNIGHT
CHANGEABLE MESSAGE SIGN		
DURING ROAD CLOSURE	MESSAGE NO. 1	MESSAGE NO. 2
	GILEAD RD CLOSED	FOLLOW I-77 DETOUR
CHANGEABLE MESSAGE SIGN		
FROM THE END OF CLOSURE (WHEN ROAD IS RE-OPENED) TO 10 DAYS AFTER ROAD CLOSURE.	MESSAGE NO. 1	MESSAGE NO. 2
	CAUTION	NEW TRAFFIC PATTERN
CHANGEABLE MESSAGE SIGN		

- Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
- PAVEMENT MARKINGS SHOWN ARE THOSE SHOWN IN PHASE IV. MARKINGS SHOWN MINIMUM REQUIRED TO MAINTAIN THE TEMPORARY DETOUR.
- REMOVE CONFLICTING PAVEMENT MARKING.

MATCHLINE
-Y-(I) STA 16+00+/-
SEE SHEET TMP-52

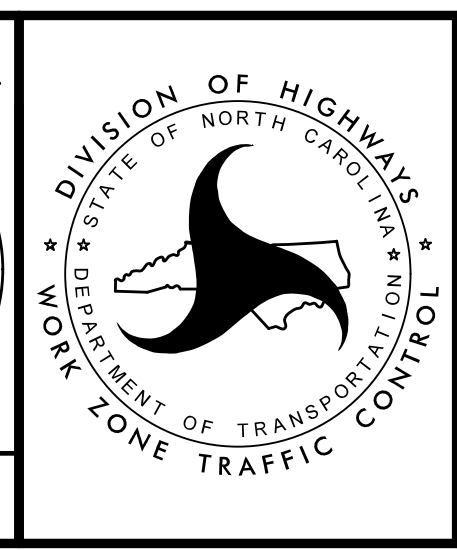
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DATE: 5/3/2018

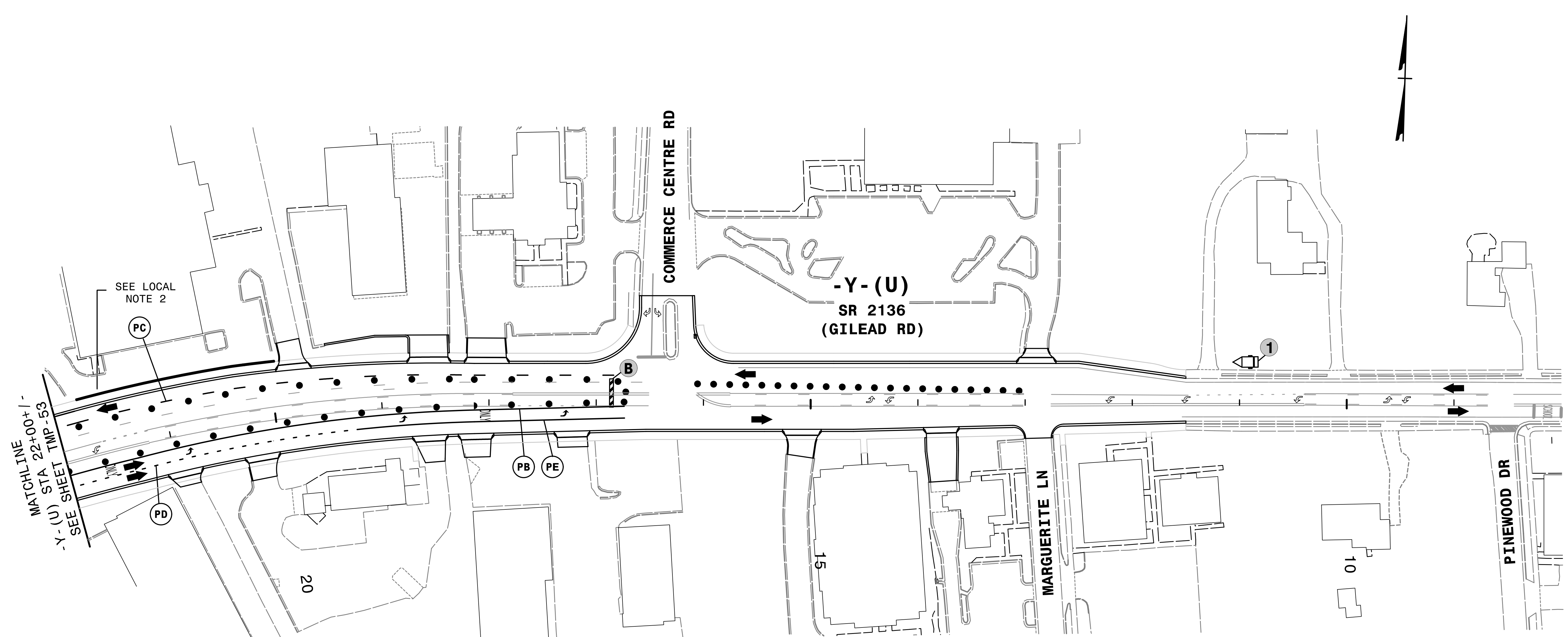
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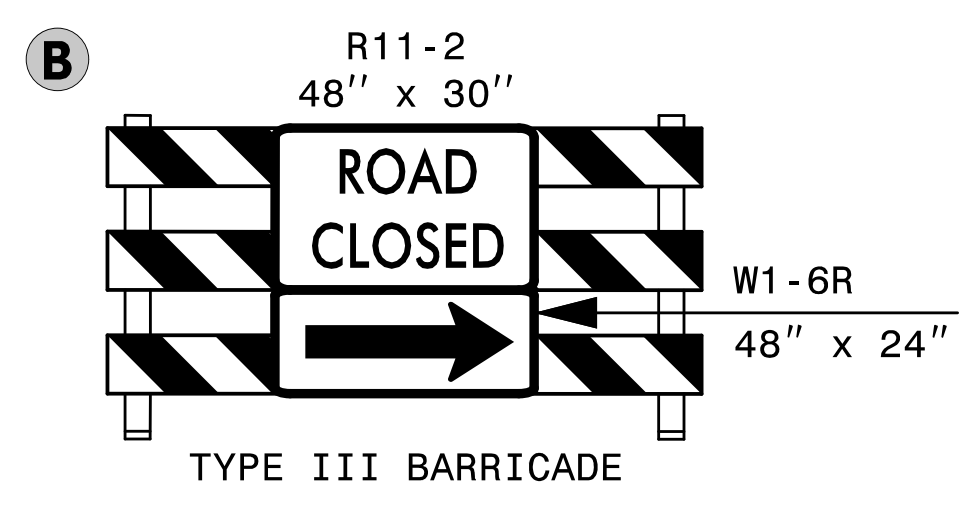
TRANSPORTATION
MANAGEMENT PLAN

PHASE III
GILEAD RD
BRIDGE CLOSURE
DETAIL



1	BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1 GILEAD RD TO CLOSE	MESSAGE NO. 2 FRIDAY (MONTH) (DAY) MIDNIGHT
		CHANGEABLE MESSAGE SIGN	
	DURING ROAD CLOSURE	MESSAGE NO. 1 GILEAD RD CLOSED	MESSAGE NO. 2 FOLLOW I-77 DETOUR
		CHANGEABLE MESSAGE SIGN	
	FROM THE END OF CLOSURE (WHEN ROAD IS RE-OPENED) TO 10 DAYS AFTER ROAD CLOSURE.	MESSAGE NO. 1 CAUTION	MESSAGE NO. 2 NEW TRAFFIC PATTERN
		CHANGEABLE MESSAGE SIGN	

NOTE: MESSAGE AND LOCATION OF CMS PER ENGINEER



REMOVE CONFLICTING PAVEMENT MARKING.

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

PAVEMENT MARKINGS SHOWN ARE THOSE SHOWN IN PHASE IV. MARKINGS SHOWN MINIMUM REQUIRED TO MAINTAIN THE TEMPORARY DETOUR.

REMOVE CONFLICTING PAVEMENT MARKING.



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A11E0AB032E84E9

DATE: 5/3/2018

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TRANSPORTATION
MANAGEMENT PLAN

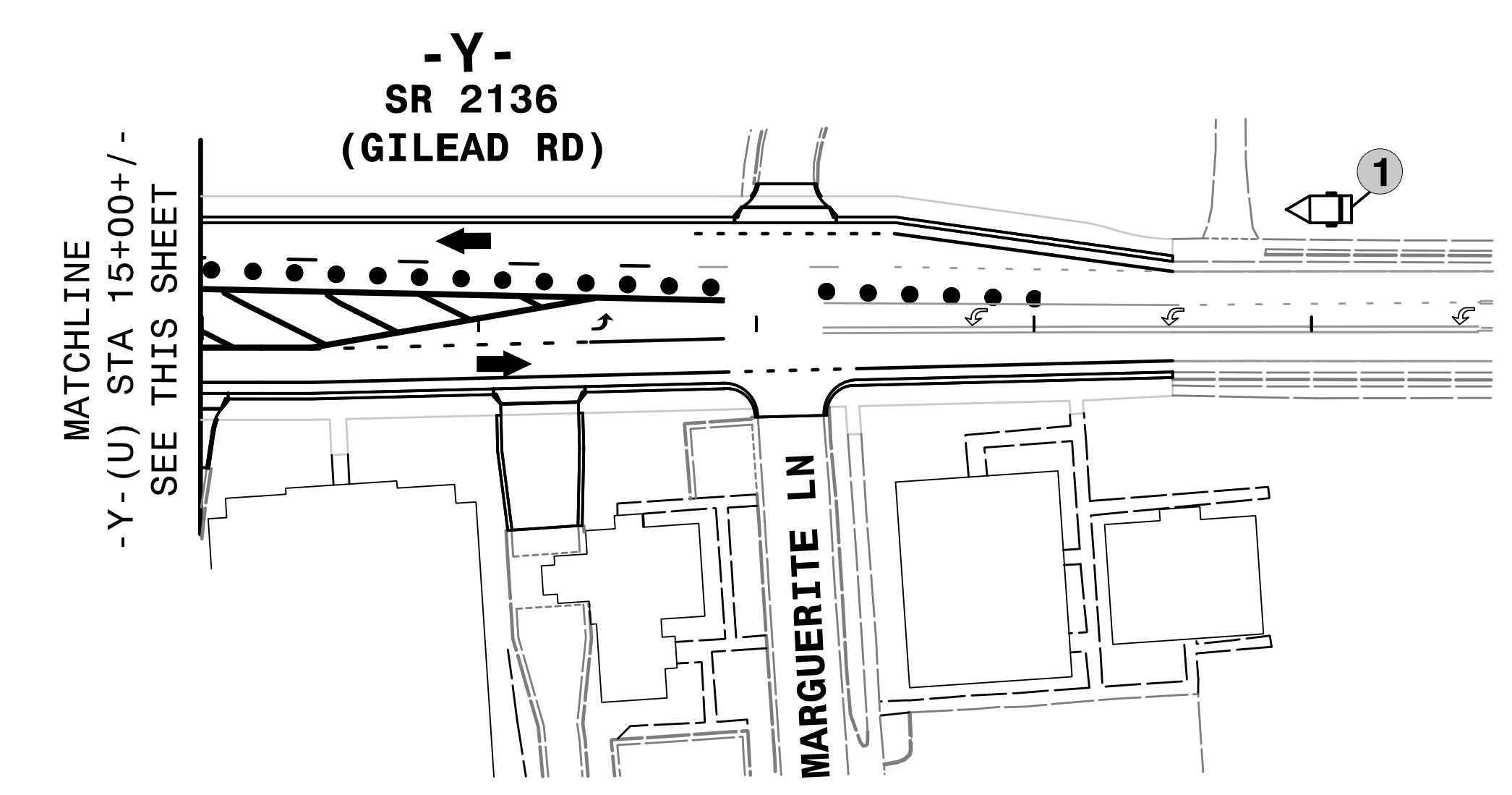
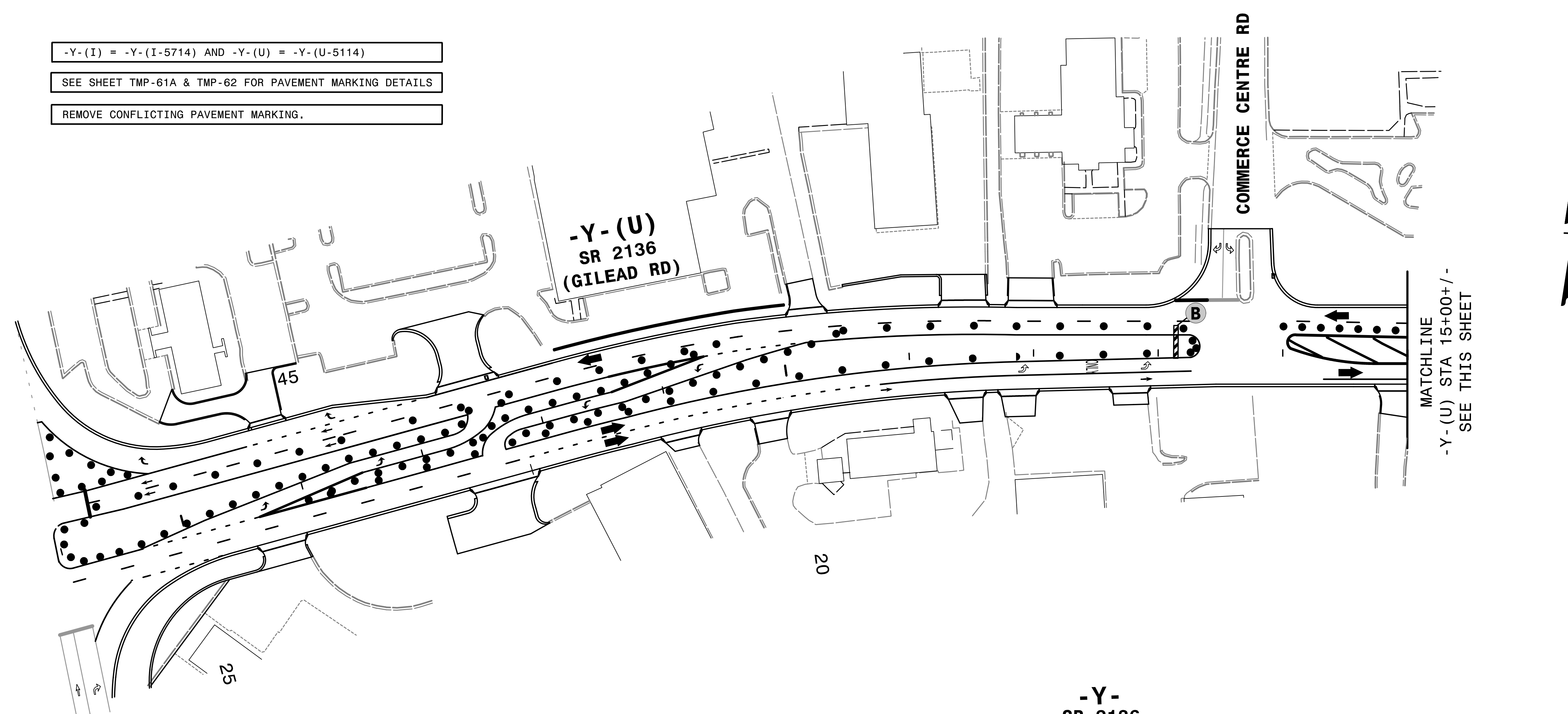
PHASE III
GILEAD RD
BRIDGE CLOSURE
DETAIL

4/3/2018
I-5714_U-5114.fc_54_P3b.d4 det.dgn
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-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

SEE SHEET TMP-61A & TMP-62 FOR PAVEMENT MARKING DETAILS

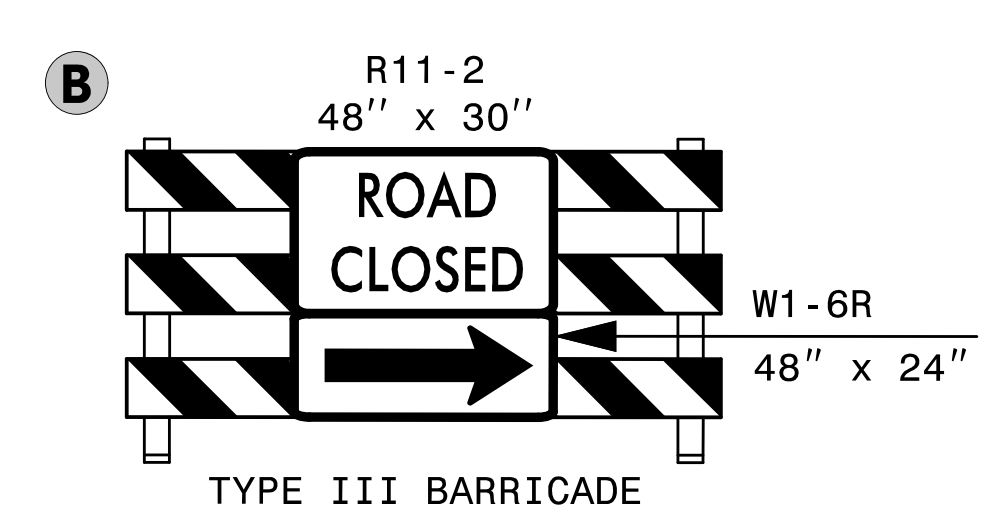
REMOVE CONFLICTING PAVEMENT MARKING.



1 BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1	MESSAGE NO. 2
	GILEAD RD TO CLOSE	FRIDAY (MONTH) (DAY) MIDNIGHT
DURING ROAD CLOSURE	MESSAGE NO. 1	MESSAGE NO. 2
	GILEAD RD CLOSED	FOLLOW I-77 DETOUR
AT THE END OF CLOSURE (WHEN ROAD IS RE-OPENED)	MESSAGE NO. 1	MESSAGE NO. 2
	CAUTION	NEW TRAFFIC PATTERN

CHANGEABLE MESSAGE SIGN

NOTE: MESSAGE AND LOCATION OF CMS PER ENGINEER



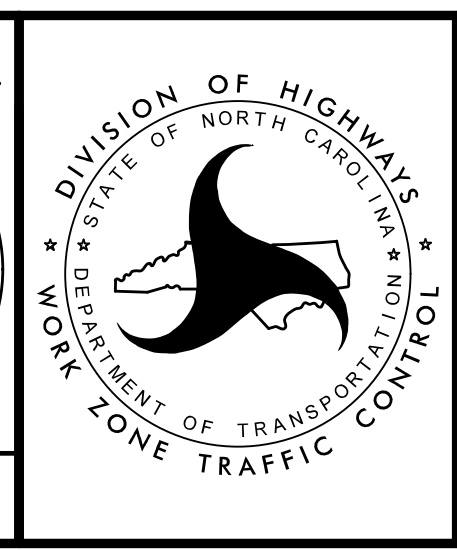
4/3/2018
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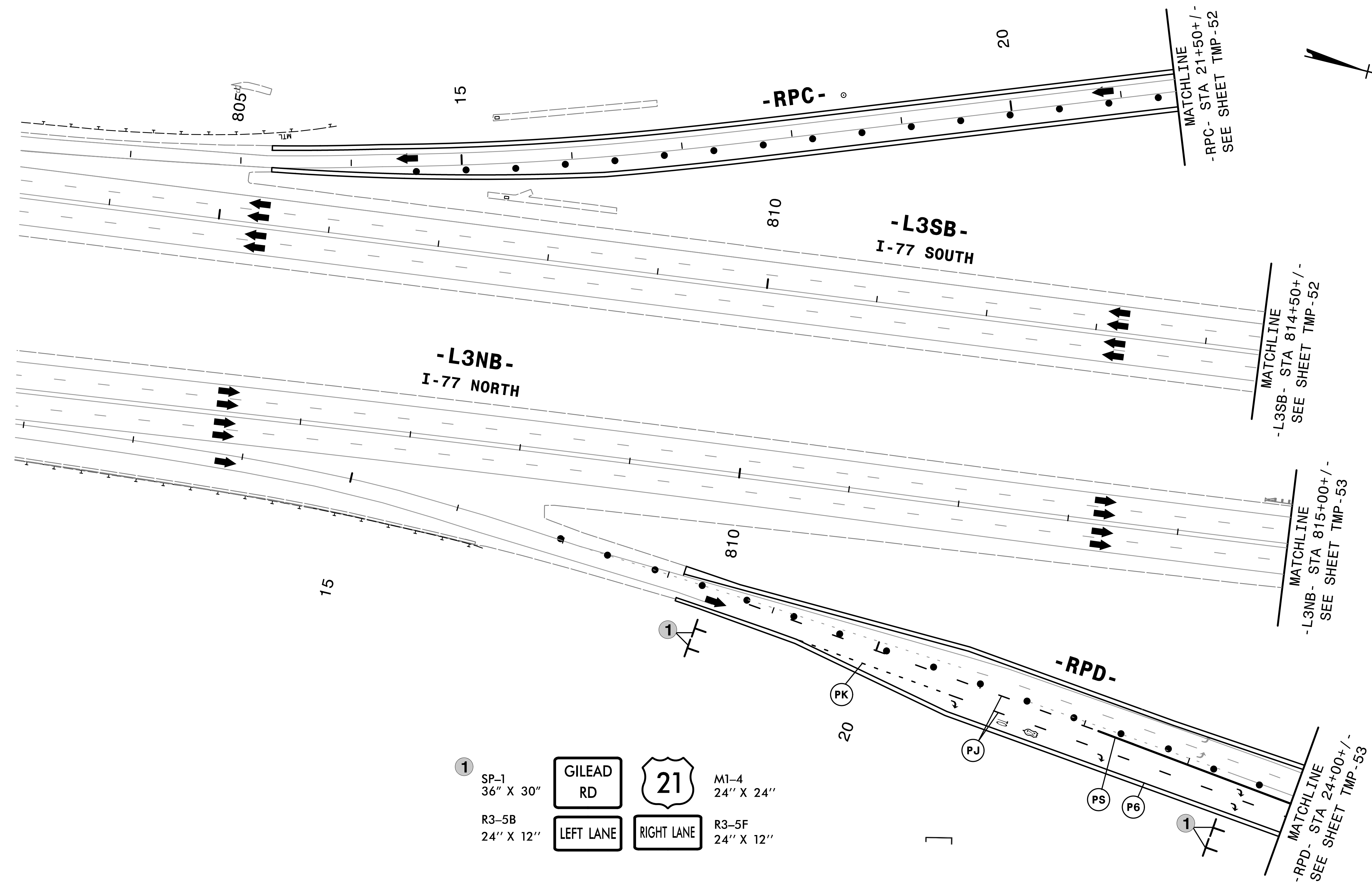
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TRANSPORTATION
MANAGEMENT PLAN

PHASE III
GILEAD RD
BRIDGE CLOSURE
DETAIL



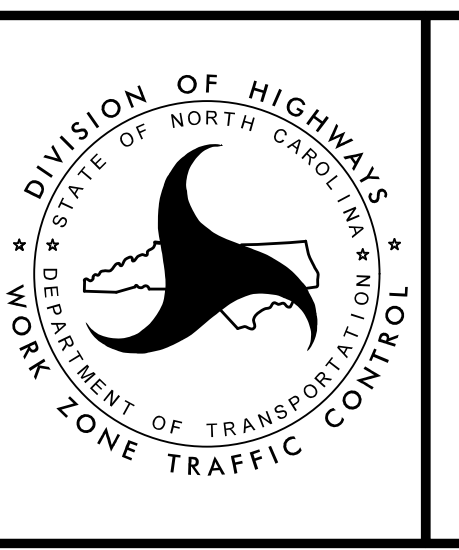
- 1 SP-1 36" X 30" GILEAD RD M1-4 24" X 24"
- R3-5B 24" X 12" LEFT LANE RIGHT LANE R3-5F 24" X 12"

PAVEMENT MARKINGS SHOWN ARE THOSE SHOWN IN PHASE IV. MARKINGS SHOWN MINIMUM REQUIRED TO MAINTAIN THE TEMPORARY DETOUR.

REMOVE CONFLICTING PAVEMENT MARKING.

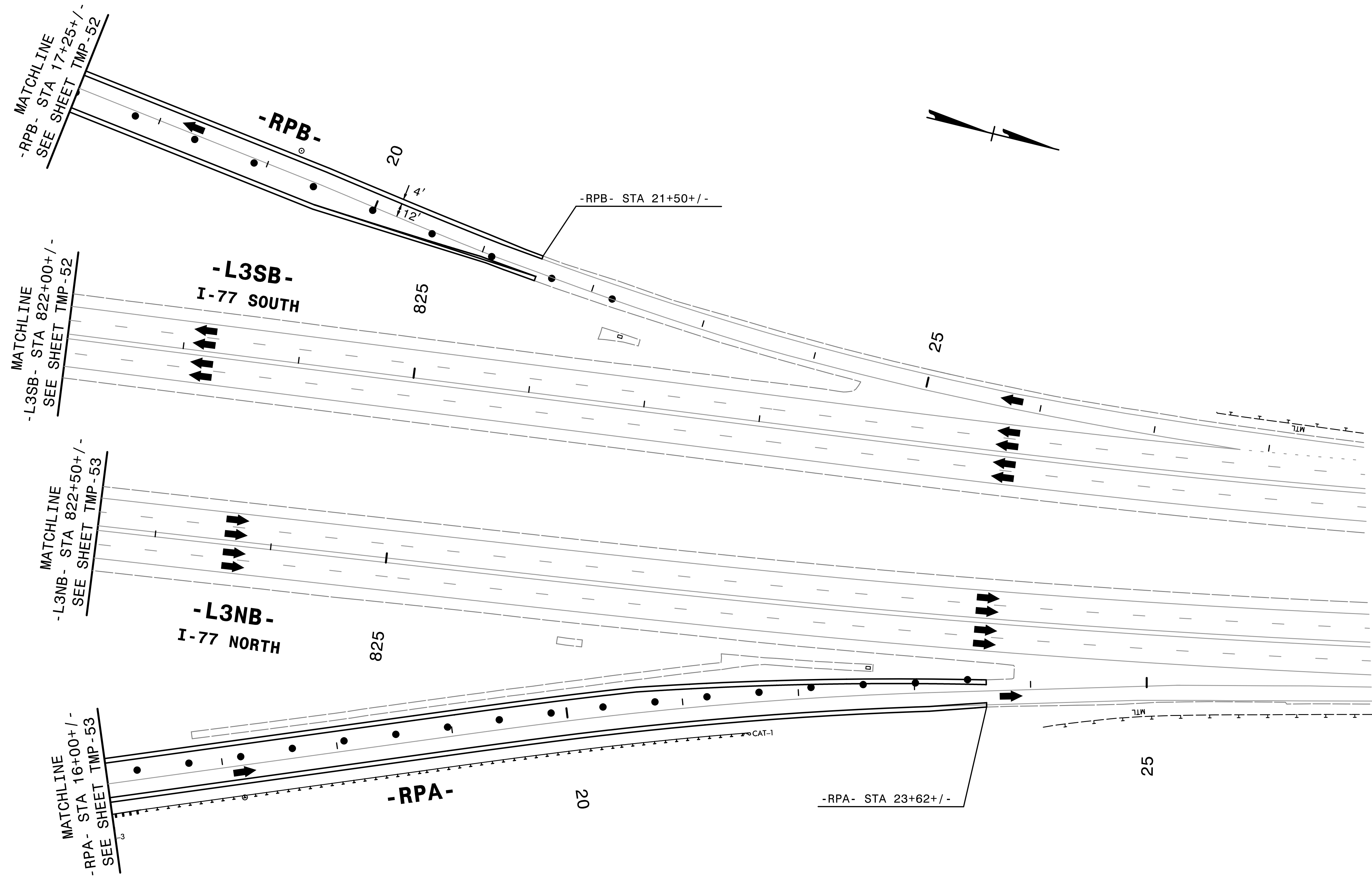


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TRANSPORTATION MANAGEMENT PLAN
 PHASE III
 GILEAD RD
 BRIDGE CLOSURE
 DETAIL

4/25/2018
 I-5714-U-5114.tc.55_P3b.d8 det.dgn
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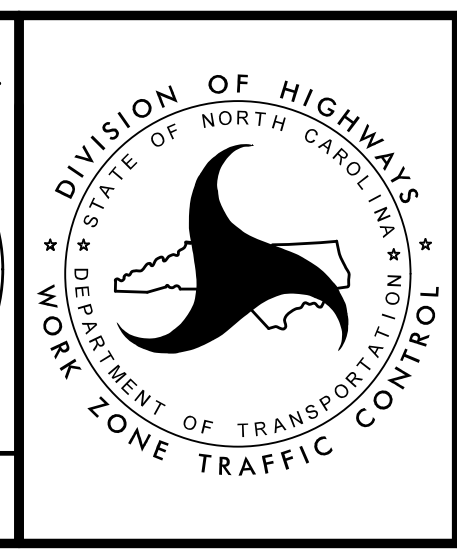
4/3/2018
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 HNTB

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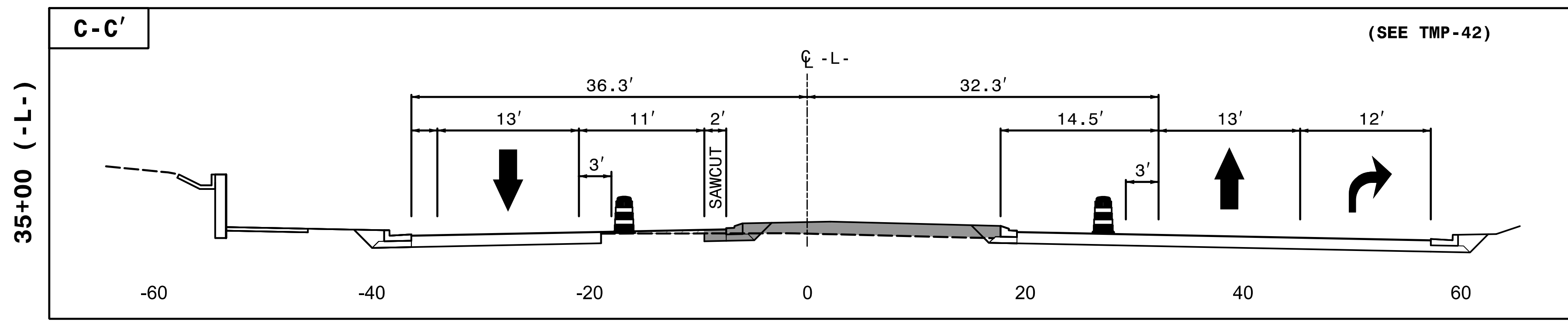
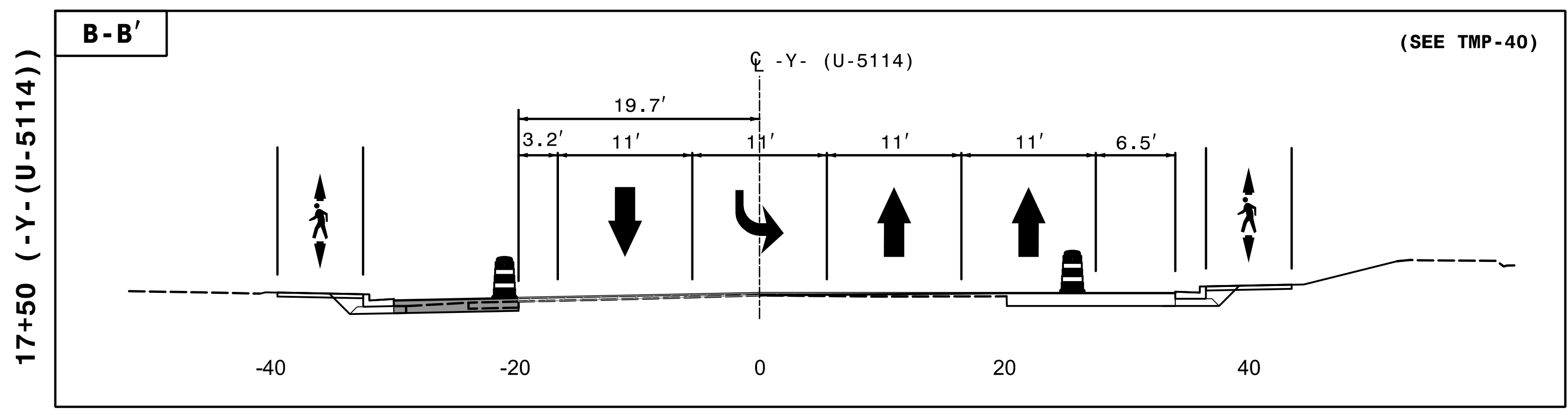
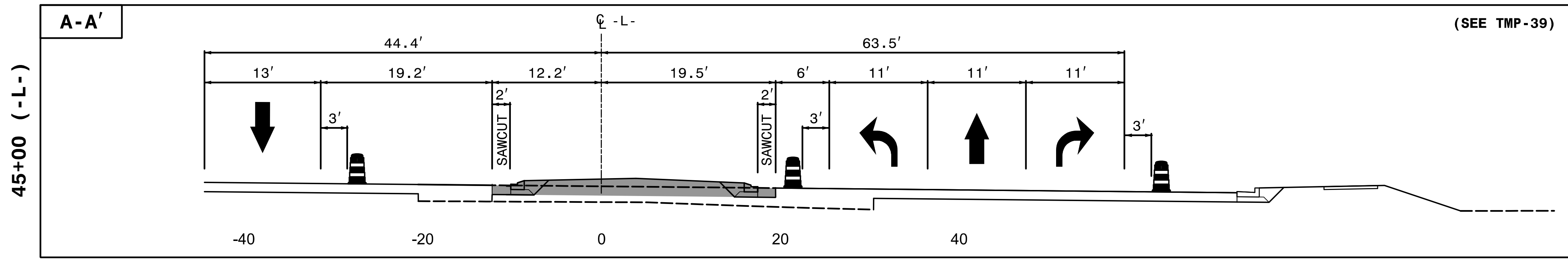
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TRANSPORTATION
 MANAGEMENT PLAN
 PHASE III
 GILEAD RD
 BRIDGE CLOSURE
 DETAIL



4/3/2018
 4:15:57 PM
 I-5714_U-5114.tc.57.p3 cutst.dgn
 HNTB

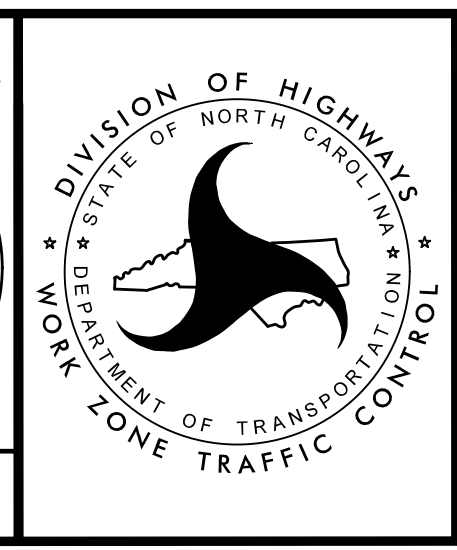


APPROVED: *Lois D. Stoucho, P.E.*
A11EDAB82DE4E8

DATE: 5/3/2018

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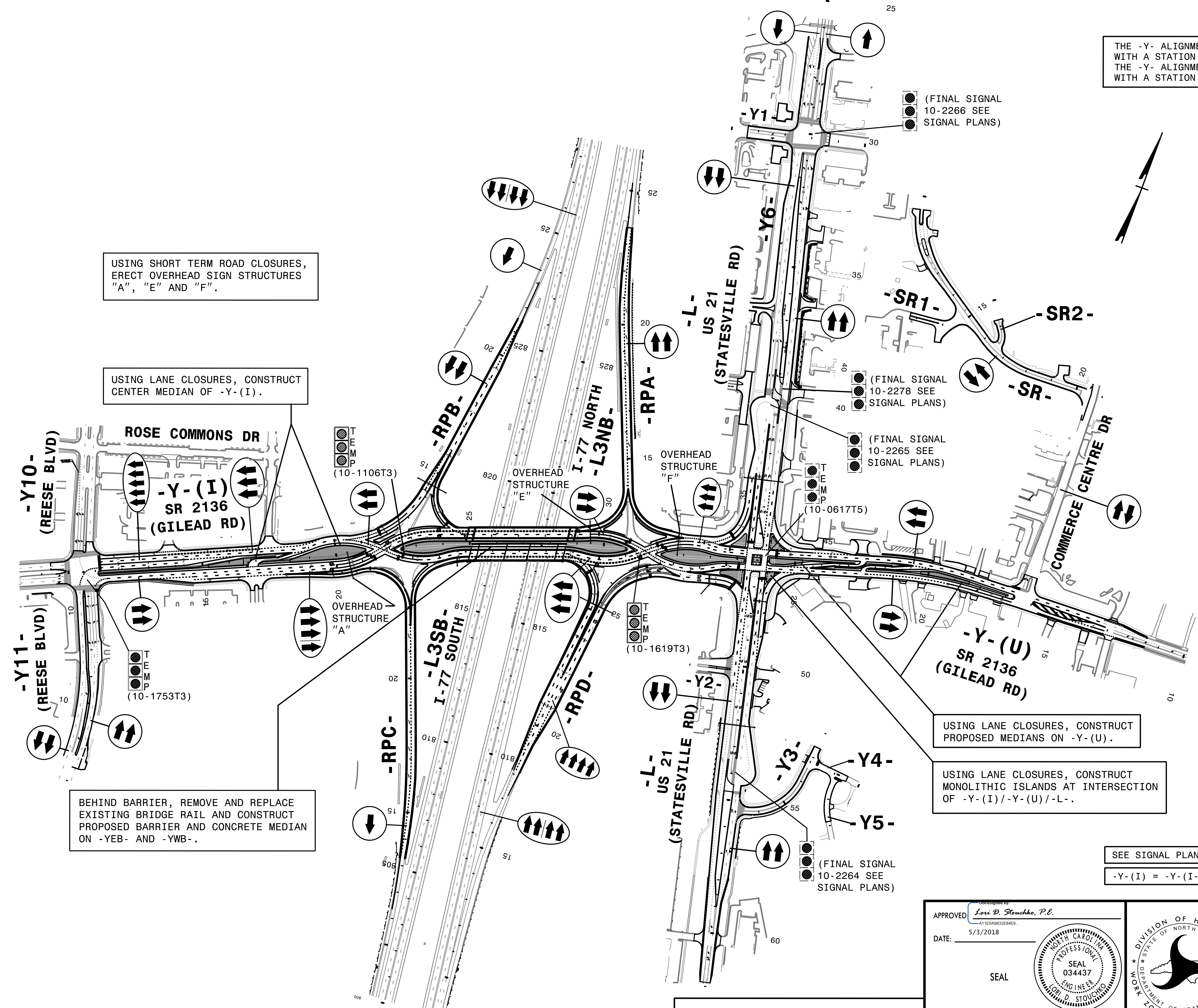
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TRANSPORTATION
MANAGEMENT PLAN

PHASE III
SECTION CUT
DETAIL

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT
THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



USING SHORT TERM ROAD CLOSURES, ERECT OVERHEAD SIGN STRUCTURES "A", "E" AND "F".

USING LANE CLOSURES, CONSTRUCT CENTER MEDIAN OF -Y-(I).

BEHIND BARRIER, REMOVE AND REPLACE EXISTING BRIDGE RAIL AND CONSTRUCT PROPOSED BARRIER AND CONCRETE MEDIAN ON -YEB- AND -YWB-.

USING LANE CLOSURES, CONSTRUCT PROPOSED MEDIANS ON -Y-(U).

USING LANE CLOSURES, CONSTRUCT MONOLITHIC ISLANDS AT INTERSECTION OF -Y-(I) / -Y-(U) / -L-.

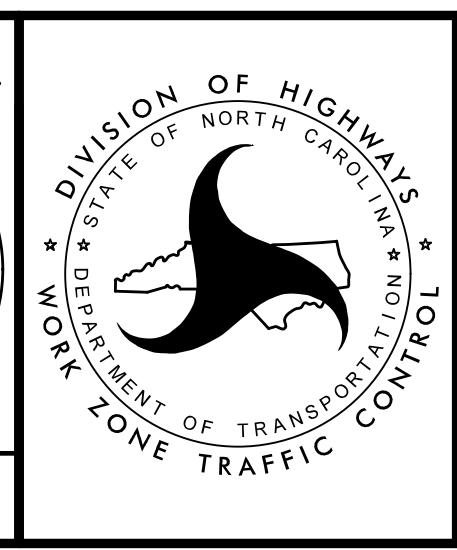
SEE SIGNAL PLANS FOR TEMPORARY SIGNAL PLANS

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

5/2/2018
I-5714_U-5114_fc_58_P4_0V4.dgn
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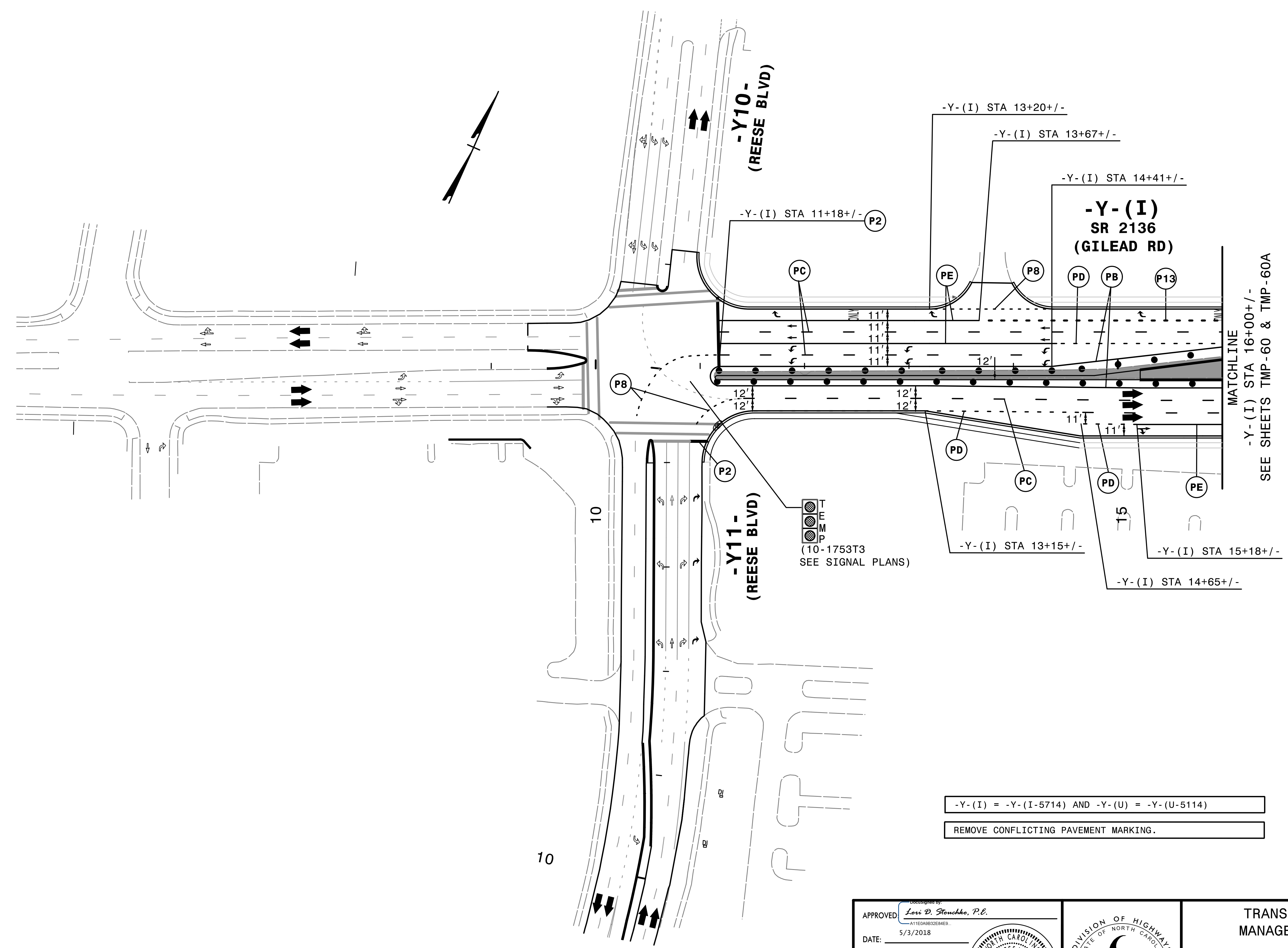
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DATE: 5/3/2018
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TRANSPORTATION
MANAGEMENT PLAN

PHASE IV
OVERVIEW



MATCHLINE
 -Y-(I) STA 16+00+/-
 SEE SHEETS TMP-60 & TMP-60A

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

REMOVE CONFLICTING PAVEMENT MARKING.

5/2/2018
 I-5714_U-5114_fc_59_P4.dwg
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A11EGAR832E4E9
 DATE: 5/3/2018

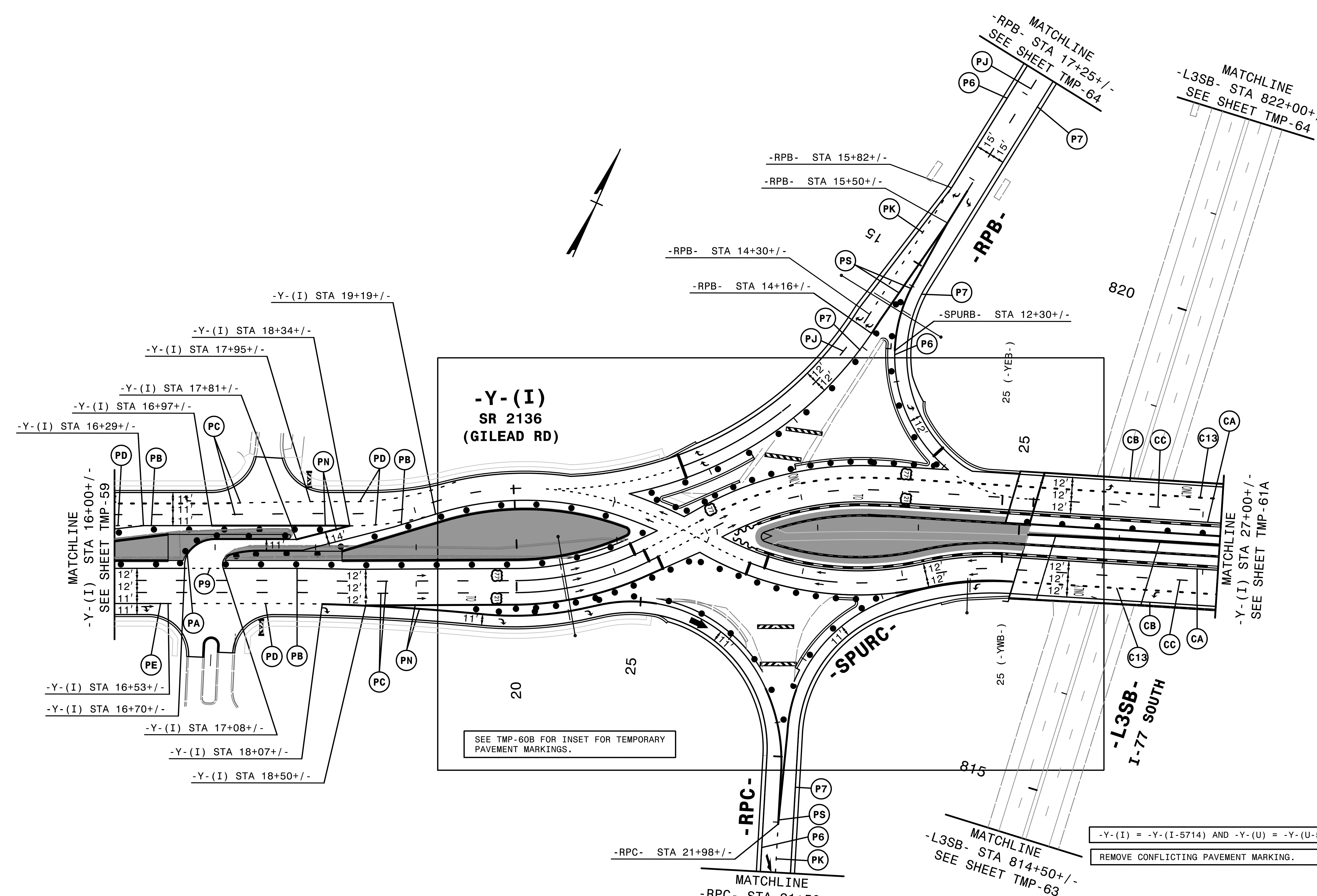
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE IV
 DETAIL



-Y-(I)
SR 2136
(GILEAD RD)

-L3SB-
I-77 SOUTH

SEE TMP-60B FOR INSET FOR TEMPORARY PAVEMENT MARKINGS.

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
REMOVE CONFLICTING PAVEMENT MARKING.

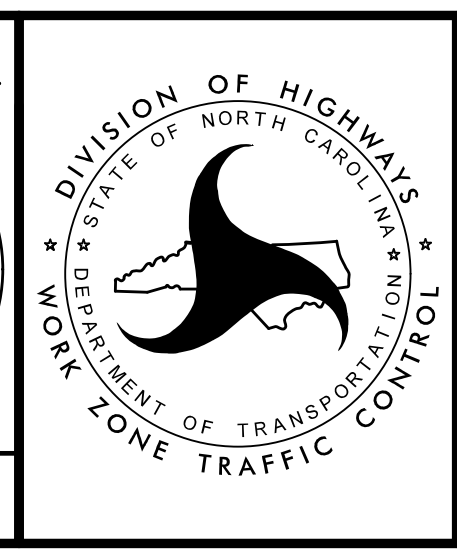
4/3/2018
I-5714_U-5114_fc_60A_P4_d2_Markings.dgn
HNTB

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HNTB NORTH CAROLINA, P.C.
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RALEIGH, NORTH CAROLINA 27609
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APPROVED: *Lori D. Stoucho, P.E.*
DATE: 5/3/2018

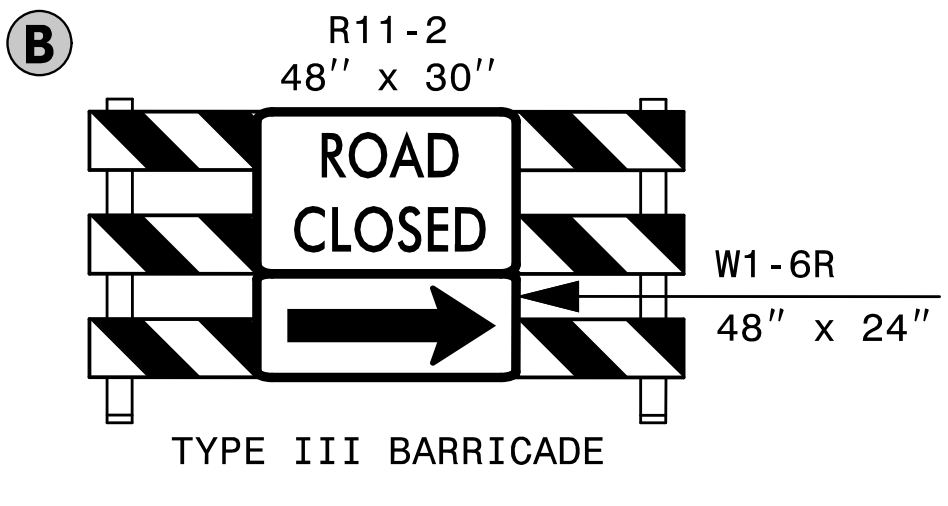
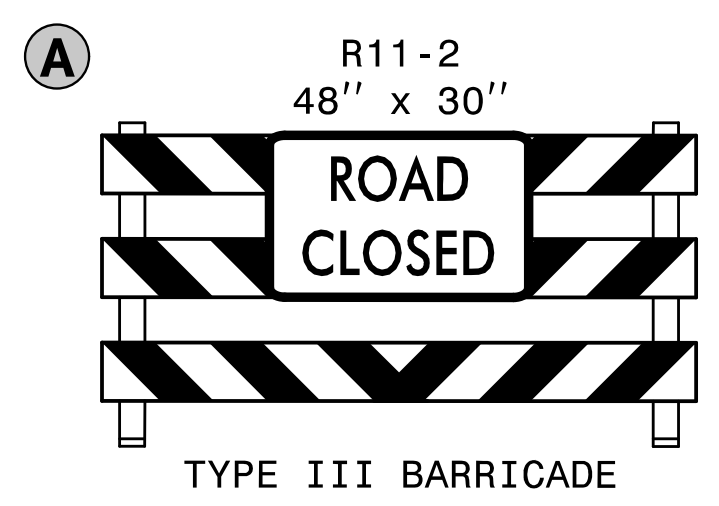
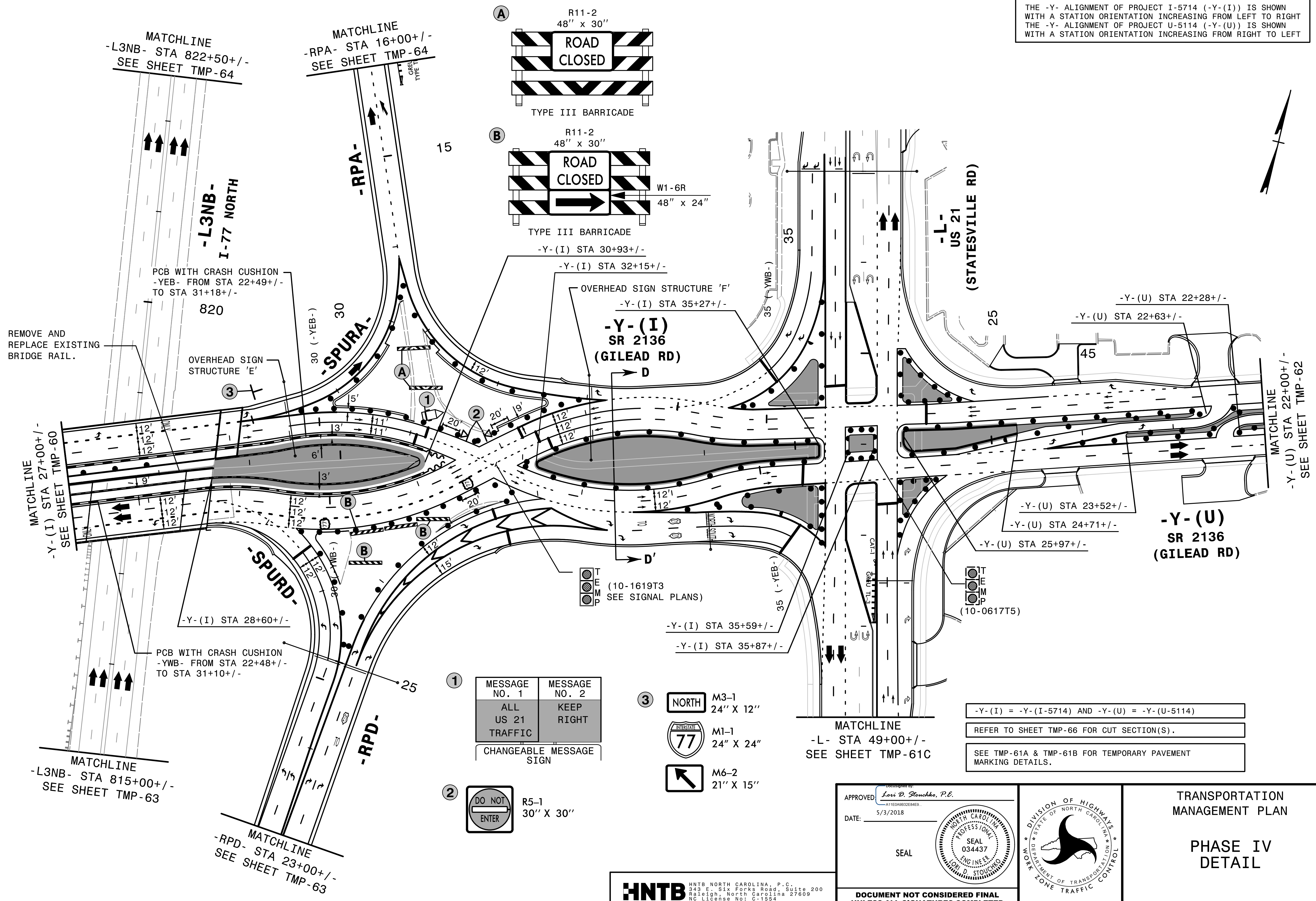
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DOCUMENT NOT CONSIDERED FINAL
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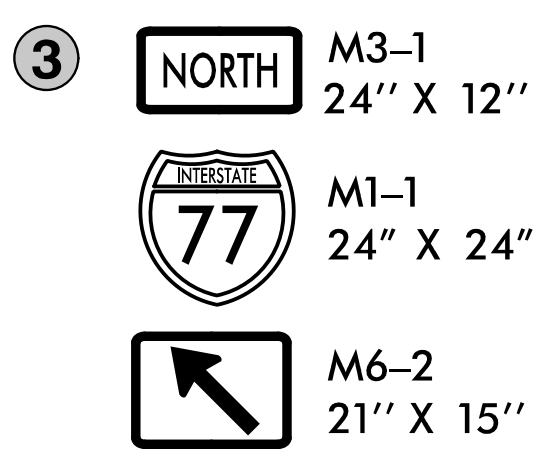
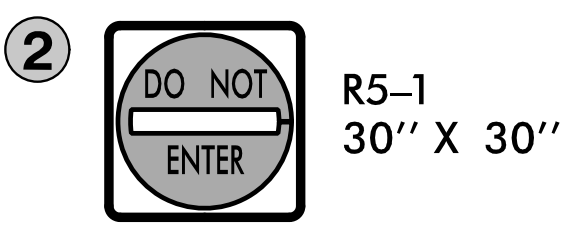


TRANSPORTATION
MANAGEMENT PLAN
PHASE IV
DETAIL
(TEMPORARY PAVEMENT
MARKING DETAIL)

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



1	MESSAGE NO. 1	MESSAGE NO. 2
	ALL US 21 TRAFFIC	KEEP RIGHT
	CHANGEABLE MESSAGE SIGN	



-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

REFER TO SHEET TMP-66 FOR CUT SECTION(S).

SEE TMP-61A & TMP-61B FOR TEMPORARY PAVEMENT MARKING DETAILS.

4/3/2018
I-5714_U-5114_fc_61_P4_d3.dgn
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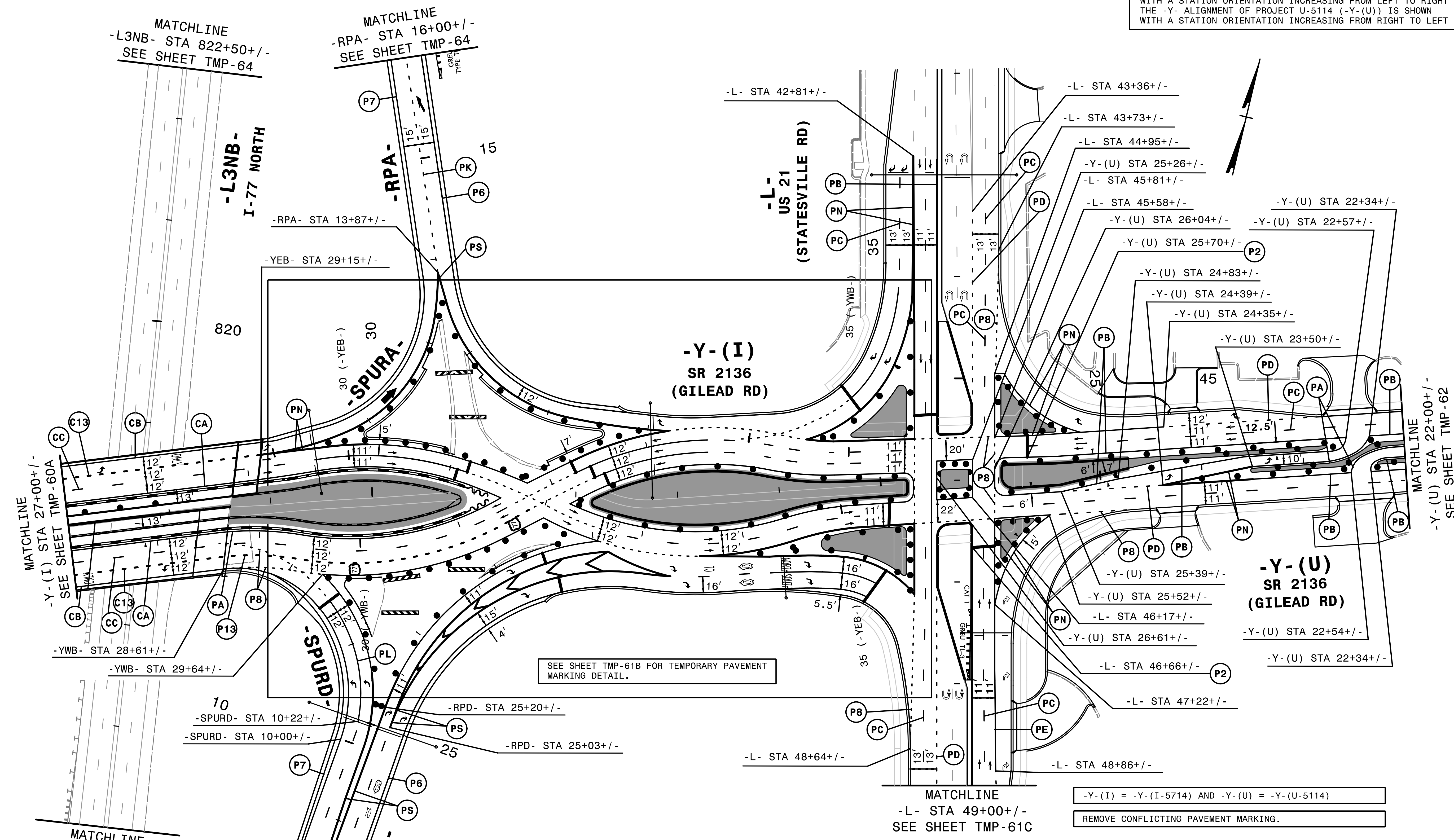
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DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

TRANSPORTATION MANAGEMENT PLAN
 PHASE IV
 DETAIL

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



SEE SHEET TMP-61B FOR TEMPORARY PAVEMENT MARKING DETAIL.

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
REMOVE CONFLICTING PAVEMENT MARKING.

MATCHLINE
-L3NB- STA 822+50+/-
SEE SHEET TMP-64

MATCHLINE
-RPA- STA 16+00+/-
SEE SHEET TMP-64

MATCHLINE
-Y-(I) STA 27+00+/-
SEE SHEET TMP-60A

MATCHLINE
-Y-(U) STA 22+00+/-
SEE SHEET TMP-62

MATCHLINE
-L3NB- STA 815+00+/-
SEE SHEET TMP-63

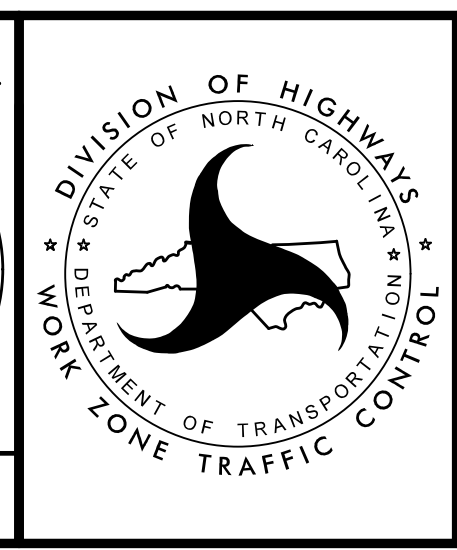
MATCHLINE
-RPD- STA 23+00+/-
SEE SHEET TMP-63

MATCHLINE
-L- STA 49+00+/-
SEE SHEET TMP-61C

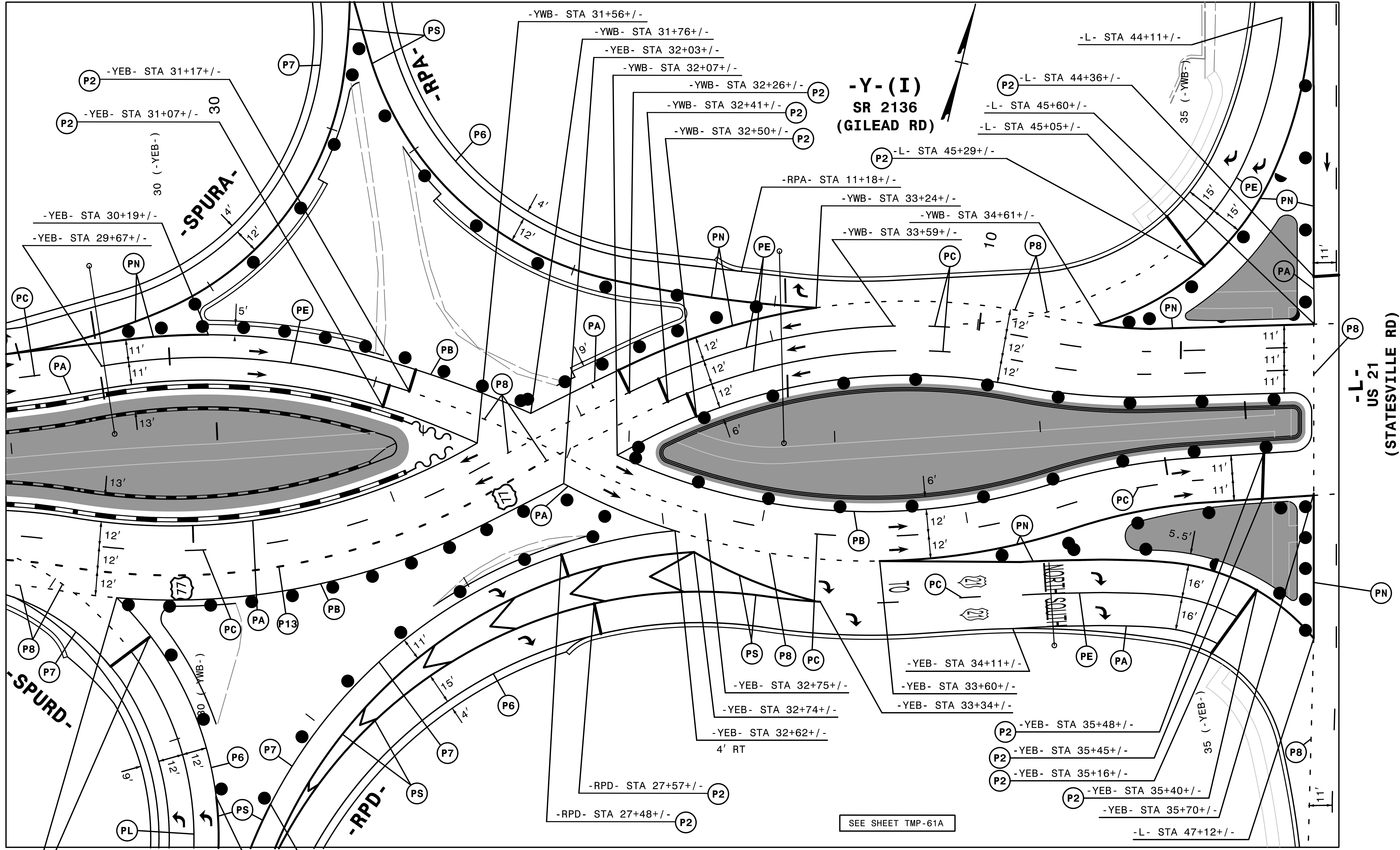
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TRANSPORTATION
MANAGEMENT PLAN
PHASE IV
DETAIL
(TEMPORARY PAVEMENT
MARKING DETAIL)



SEE SHEET TMP-61A

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

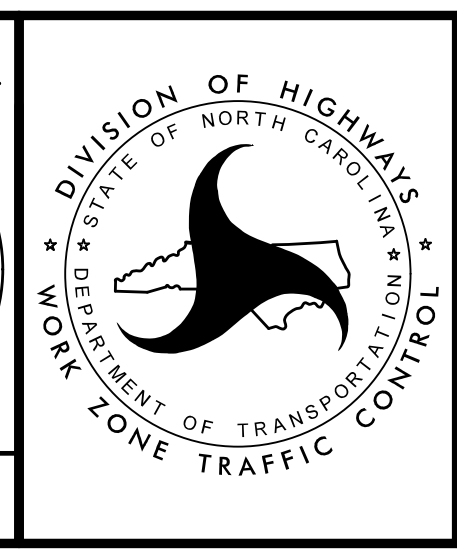
REMOVE CONFLICTING PAVEMENT MARKING.



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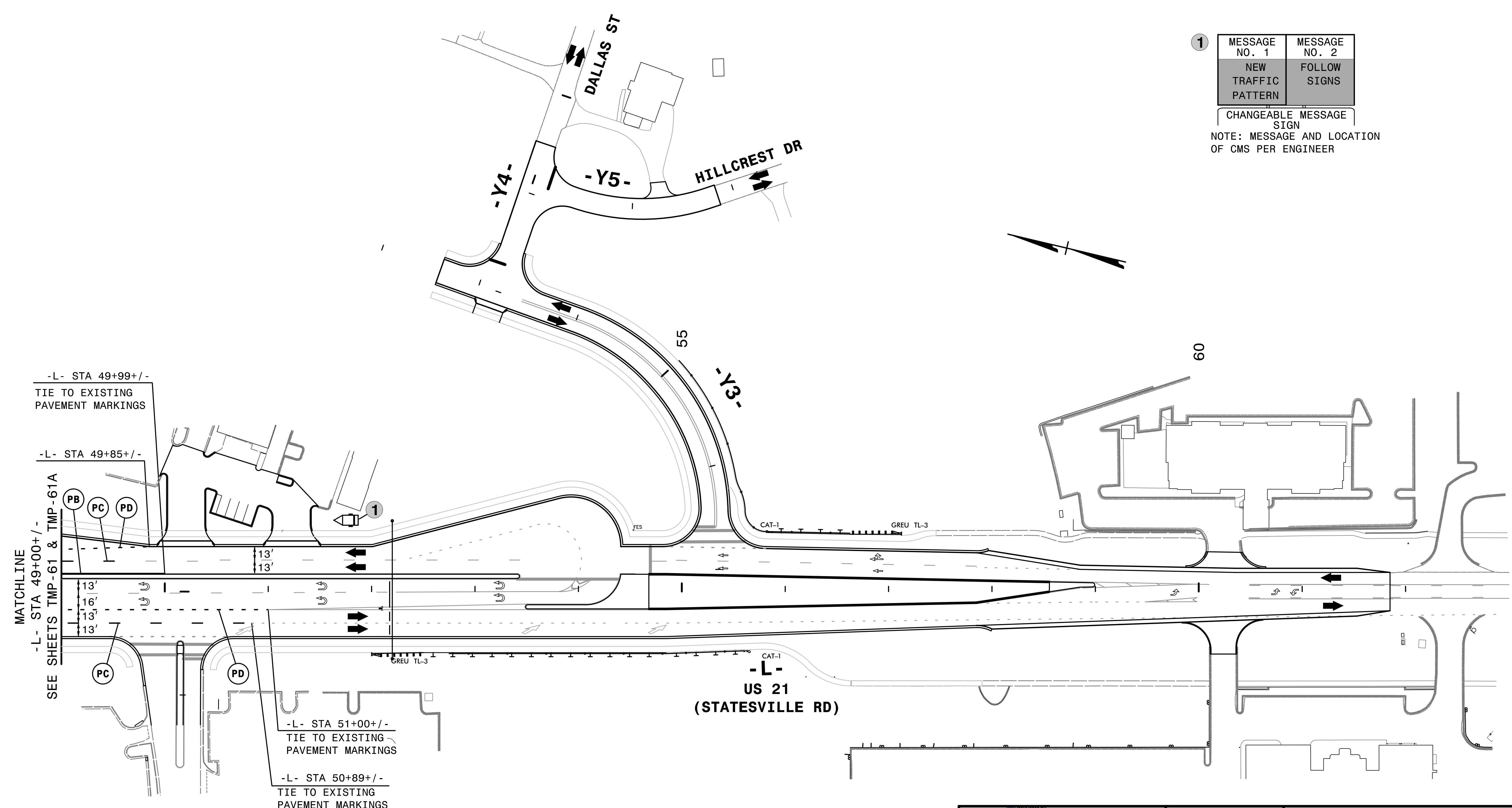
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TRANSPORTATION
 MANAGEMENT PLAN
 PHASE IV
 DETAIL
 (TEMPORARY PAVEMENT
 MARKING DETAIL)

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1	MESSAGE NO. 1	MESSAGE NO. 2
	NEW TRAFFIC PATTERN	FOLLOW SIGNS
CHANGEABLE MESSAGE SIGN		
NOTE: MESSAGE AND LOCATION OF CMS PER ENGINEER		

-L- STA 49+99+/-
TIE TO EXISTING
PAVEMENT MARKINGS

-L- STA 49+85+/-

MATCHLINE
-L- STA 49+00+/-
SEE SHEETS TMP-61 & TMP-61A

PB PC PD

13'
16'
13'
13'

PC PD

-L- STA 51+00+/-
TIE TO EXISTING
PAVEMENT MARKINGS

-L- STA 50+89+/-
TIE TO EXISTING
PAVEMENT MARKINGS

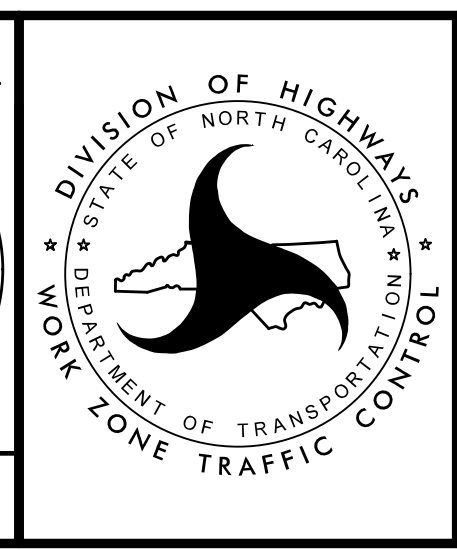
REMOVE CONFLICTING PAVEMENT MARKING.

-L-
US 21
(STATESVILLE RD)

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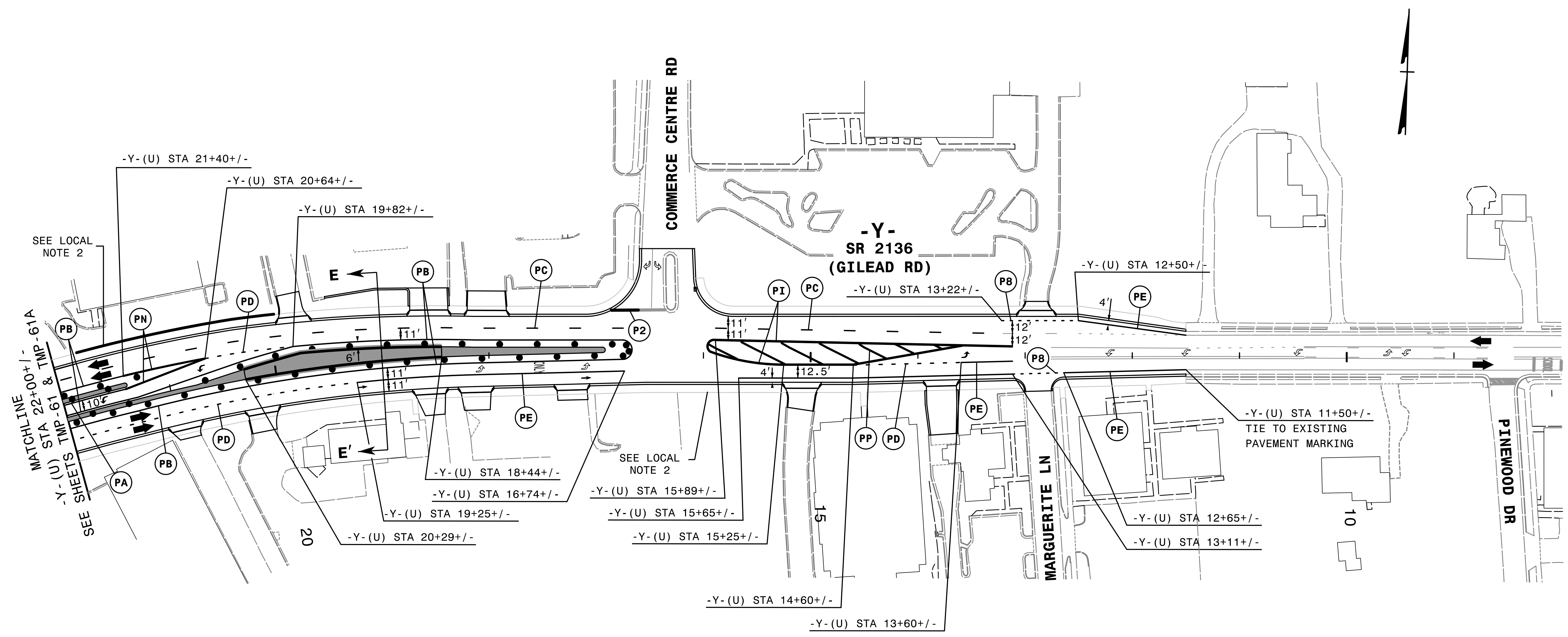
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TRANSPORTATION
MANAGEMENT PLAN

PHASE IV
DETAIL

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT
THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



SEE LOCAL NOTE 2

SEE LOCAL NOTE 2

- Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)
- REFER TO SHEET TMP-66 FOR CUT SECTION(S).
- REMOVE CONFLICTING PAVEMENT MARKING.

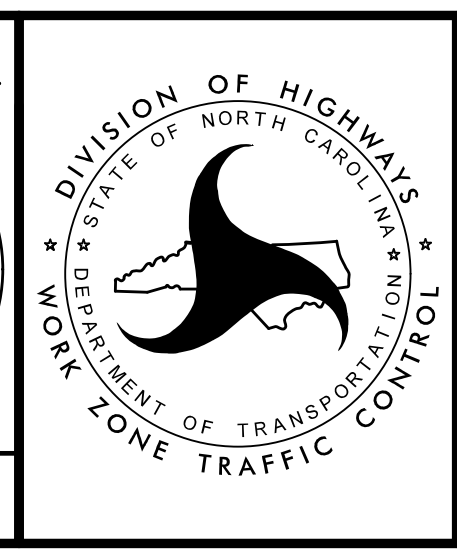
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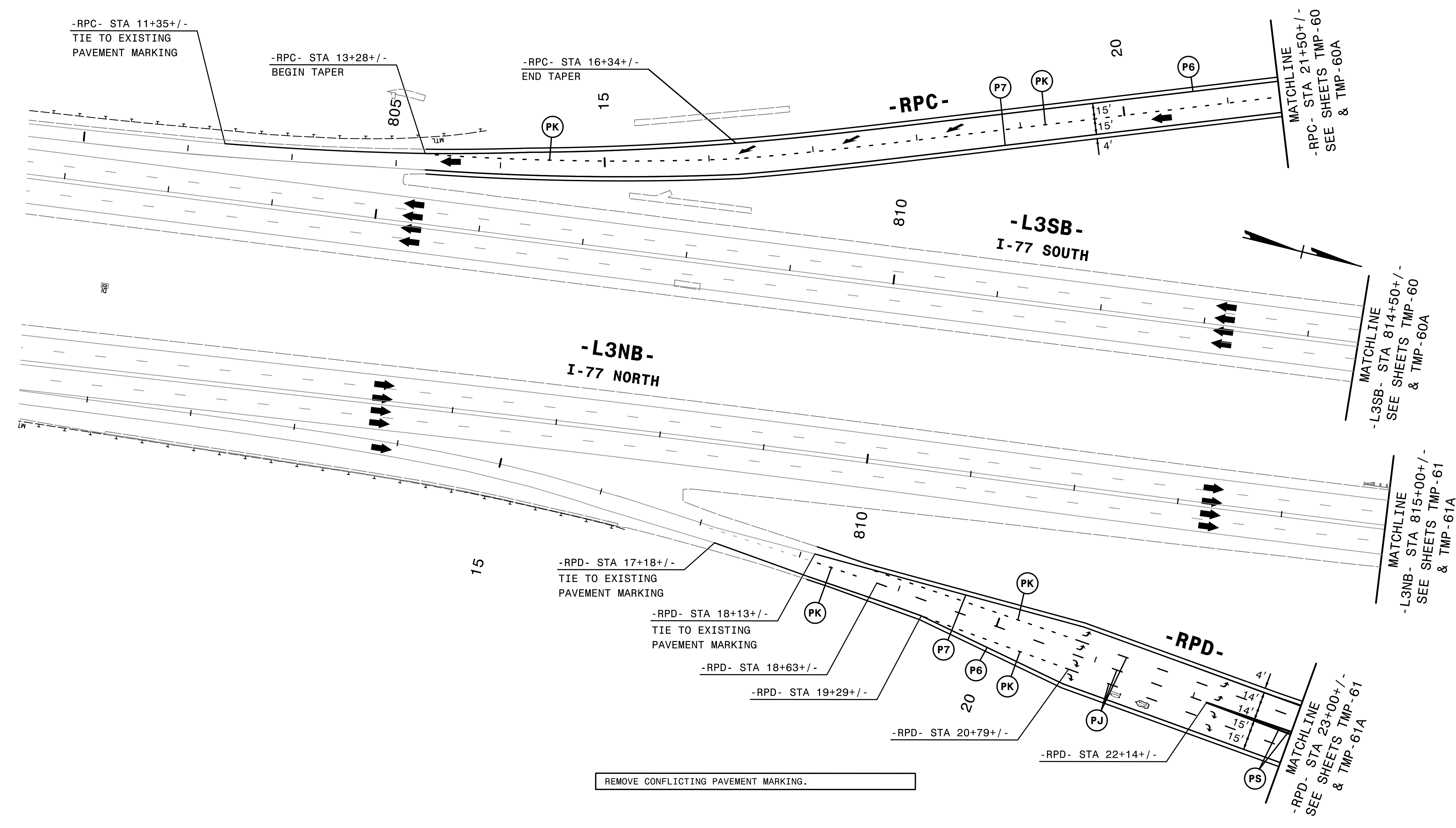
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TRANSPORTATION
MANAGEMENT PLAN

PHASE IV
DETAIL



REMOVE CONFLICTING PAVEMENT MARKING.

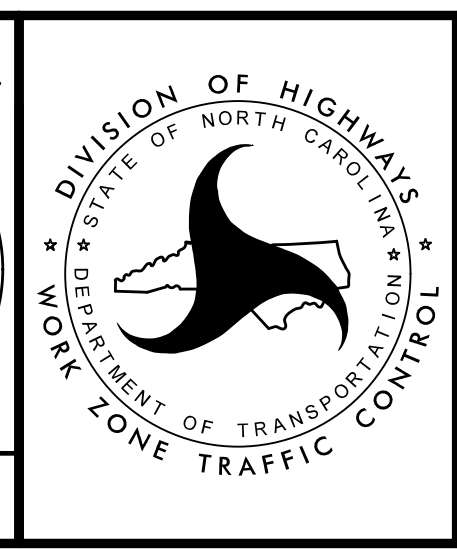
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DATE: 5/3/2018

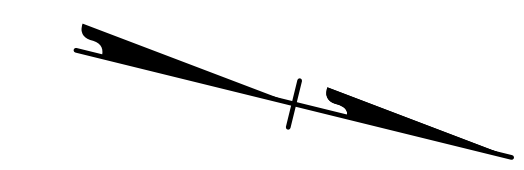
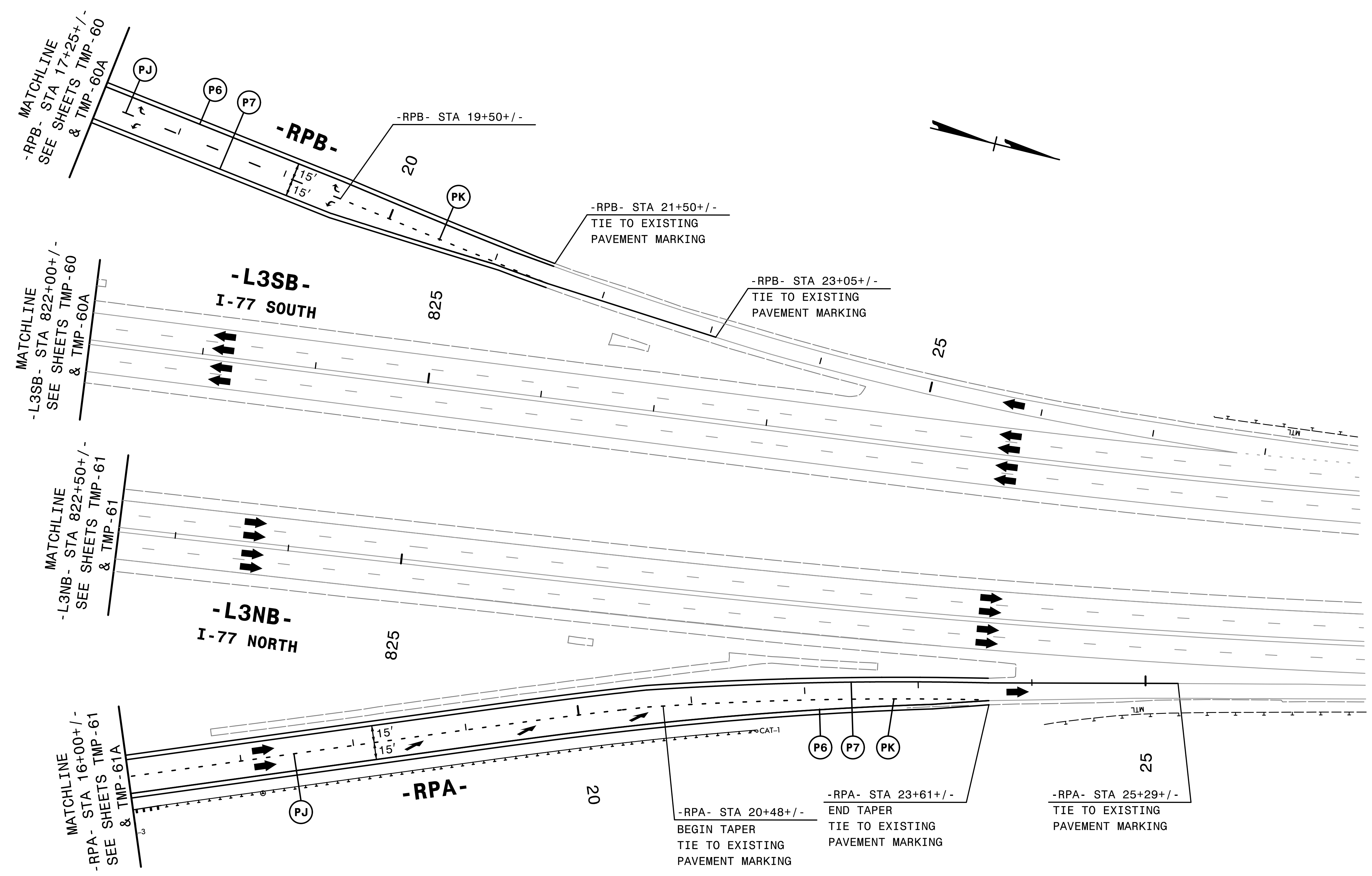
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TRANSPORTATION
MANAGEMENT PLAN

PHASE IV
DETAIL



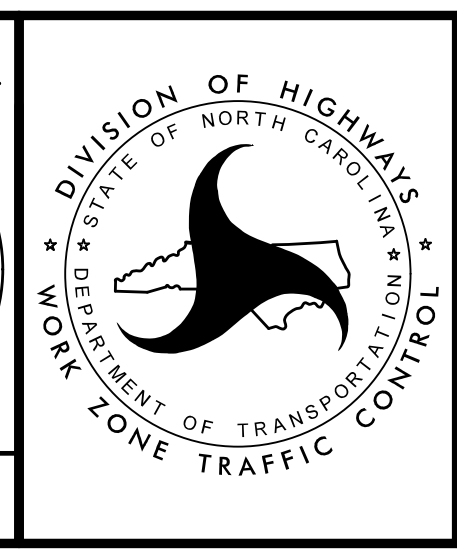
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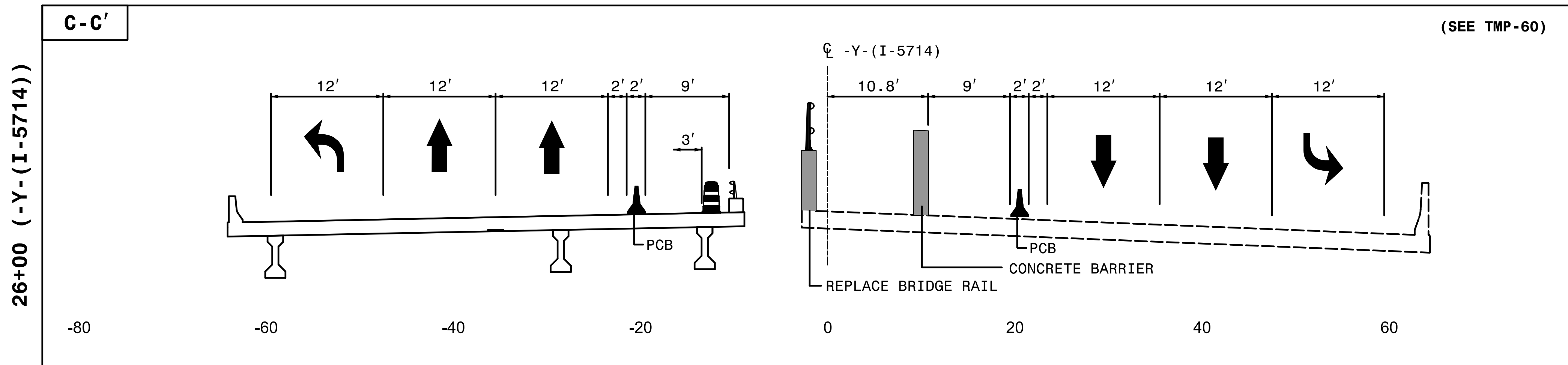
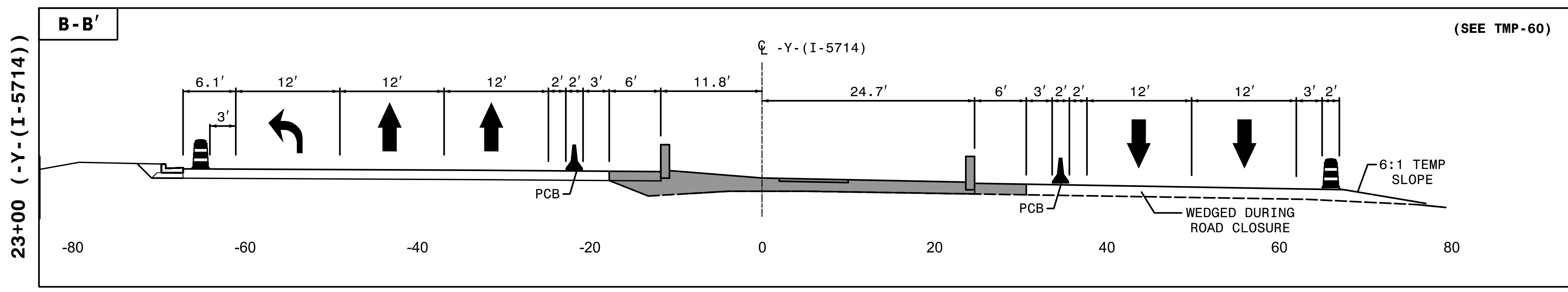
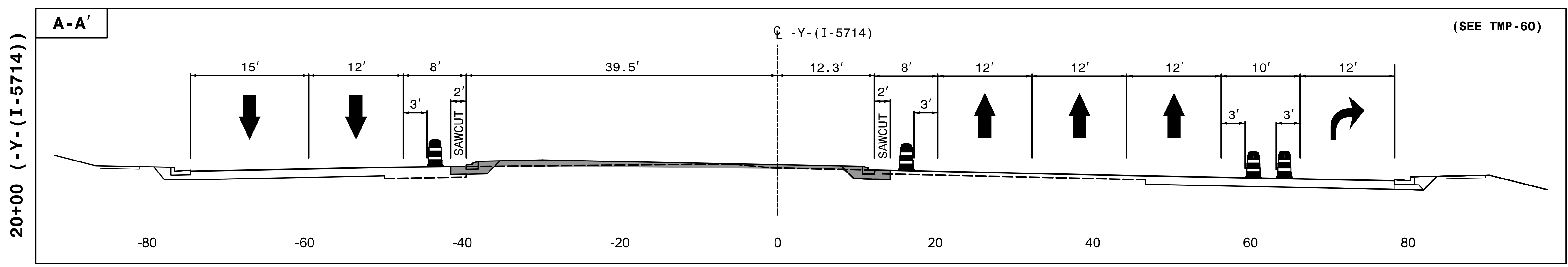
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TRANSPORTATION
MANAGEMENT PLAN

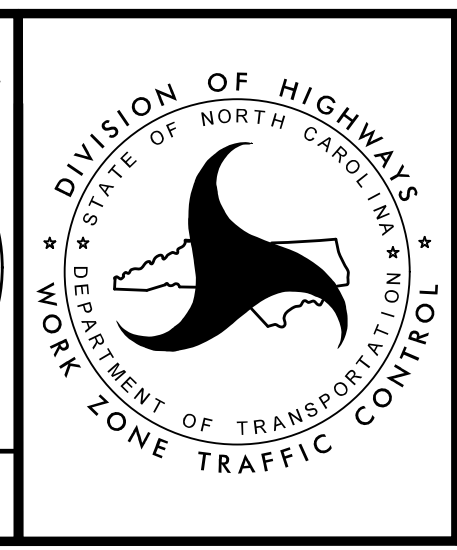
PHASE IV
DETAIL



4/25/2018
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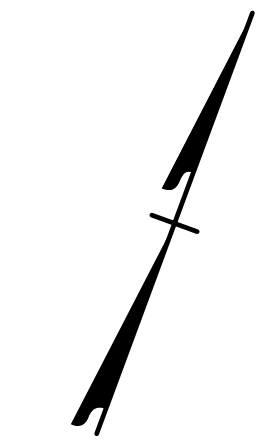
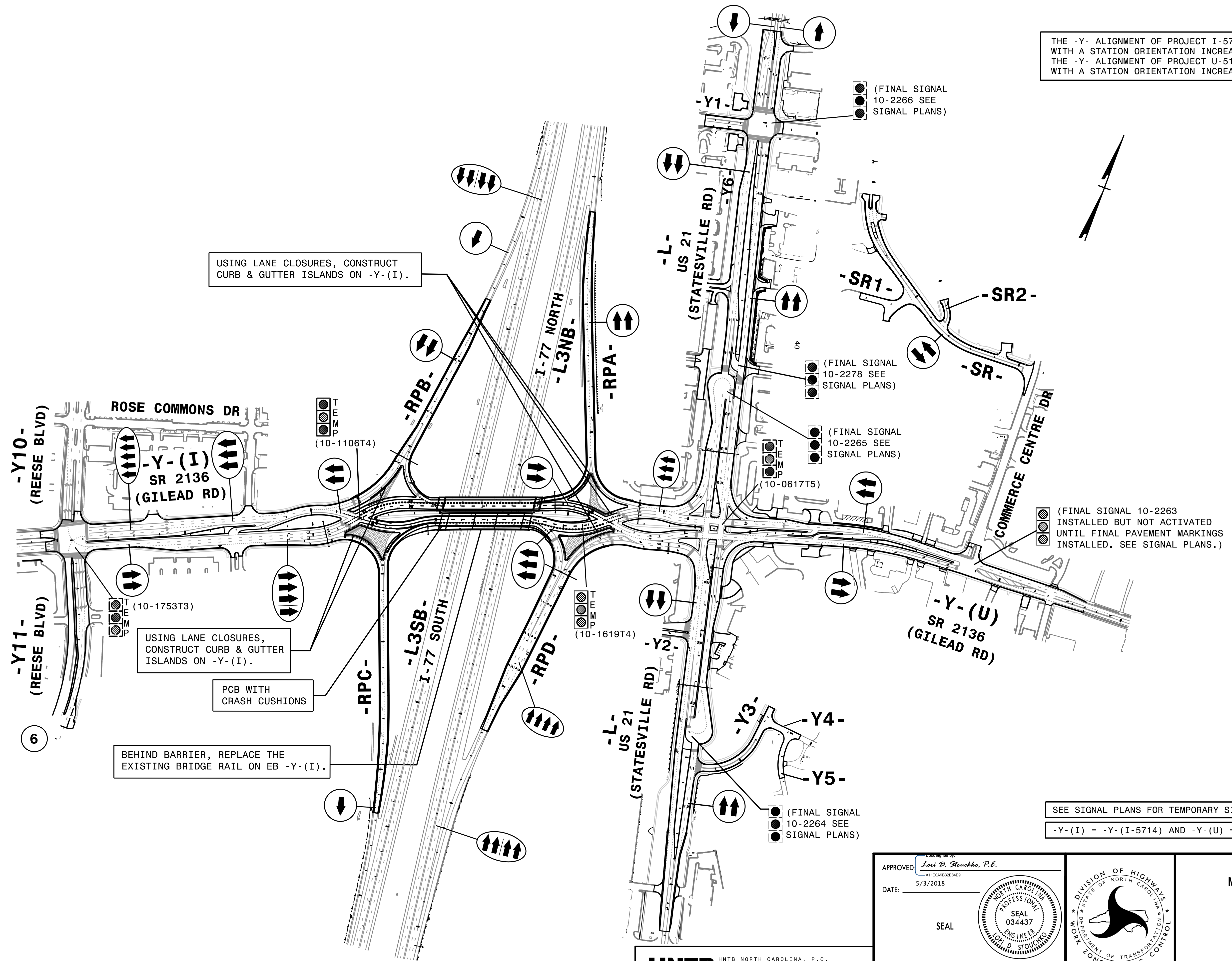
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TRANSPORTATION
 MANAGEMENT PLAN

PHASE IV
 SECTION CUT
 DETAIL

THE -Y- ALIGNMENT OF PROJECT I-5714 (-Y-(I)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM LEFT TO RIGHT
THE -Y- ALIGNMENT OF PROJECT U-5114 (-Y-(U)) IS SHOWN WITH A STATION ORIENTATION INCREASING FROM RIGHT TO LEFT



-Y10- (REESE BLVD)
ROSE COMMONS DR
-Y-(I) SR 2136 (GILEAD RD)

-Y11- (REESE BLVD)
USING LANE CLOSURES, CONSTRUCT CURB & GUTTER ISLANDS ON -Y-(I).
PCB WITH CRASH CUSHIONS

BEHIND BARRIER, REPLACE THE EXISTING BRIDGE RAIL ON EB -Y-(I).

USING LANE CLOSURES, CONSTRUCT CURB & GUTTER ISLANDS ON -Y-(I).

(FINAL SIGNAL 10-2278 SEE SIGNAL PLANS)

(FINAL SIGNAL 10-2265 SEE SIGNAL PLANS)

(FINAL SIGNAL 10-2263 INSTALLED BUT NOT ACTIVATED UNTIL FINAL PAVEMENT MARKINGS INSTALLED. SEE SIGNAL PLANS.)

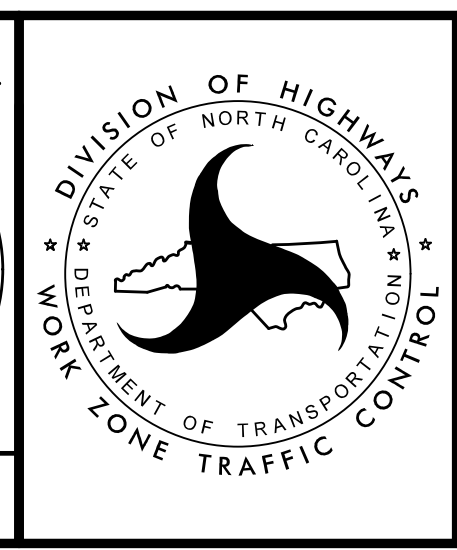
(FINAL SIGNAL 10-2264 SEE SIGNAL PLANS)

SEE SIGNAL PLANS FOR TEMPORARY SIGNAL PLANS
-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

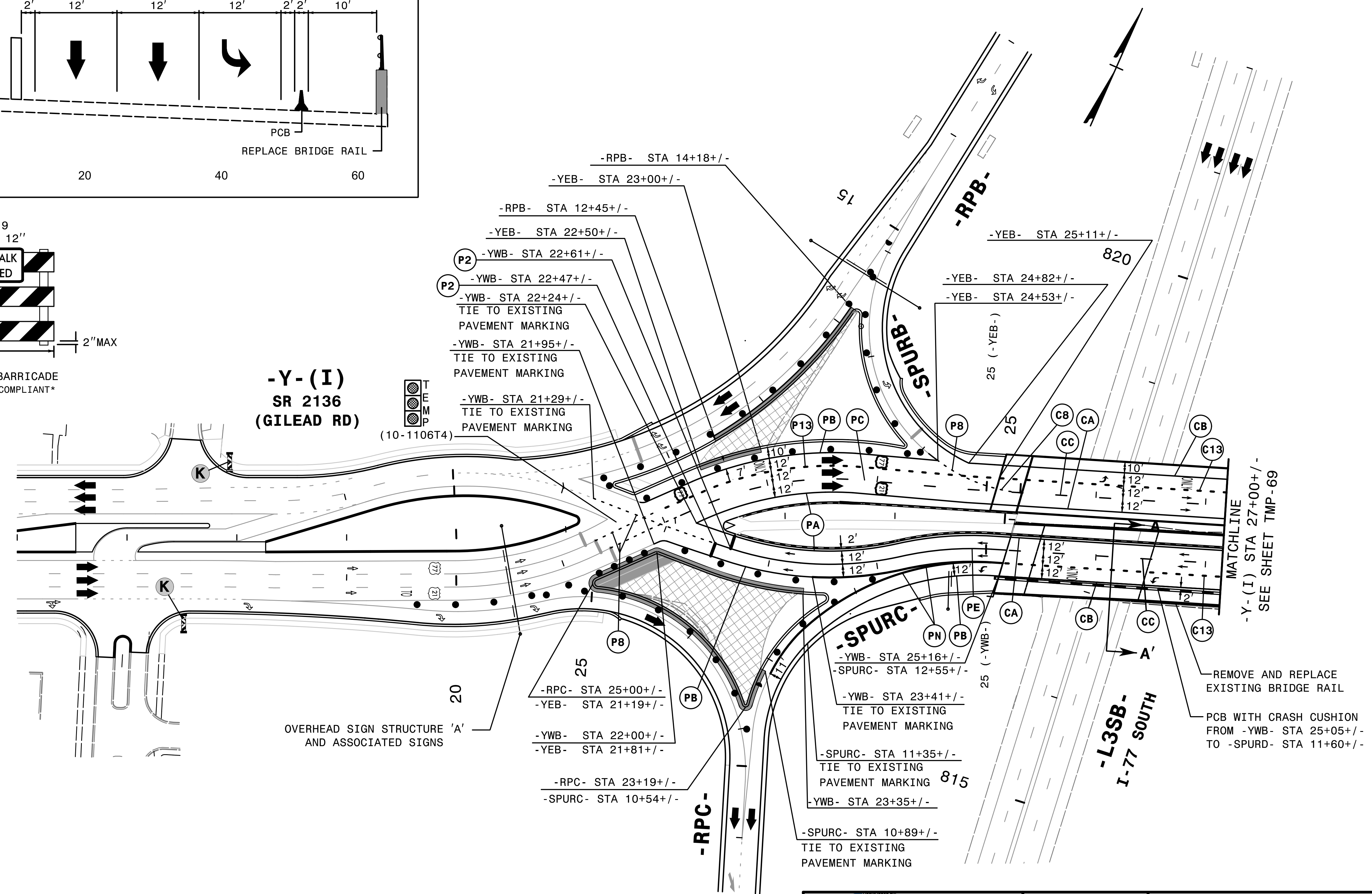
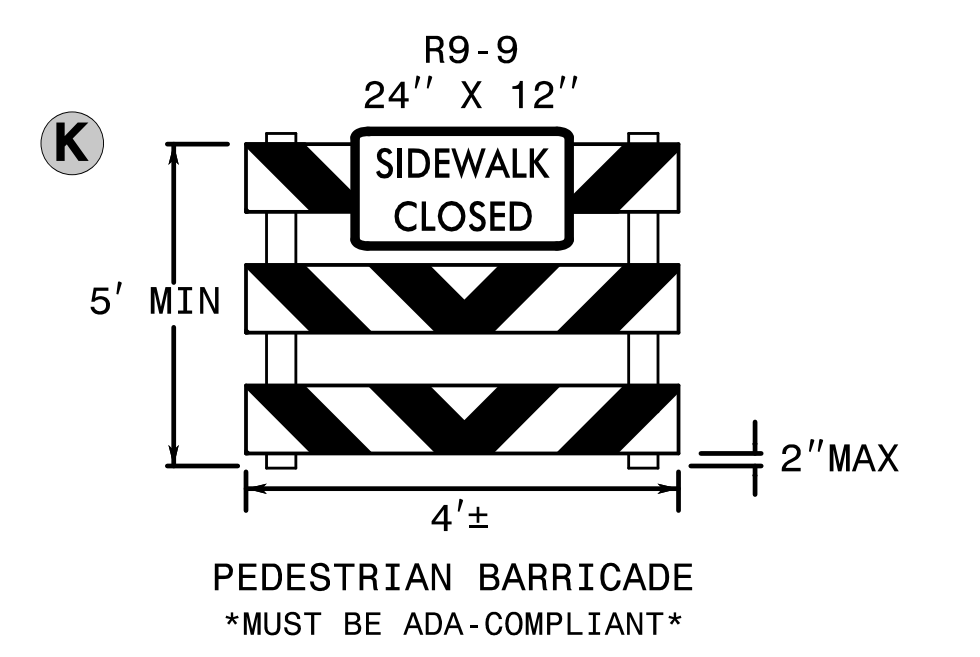
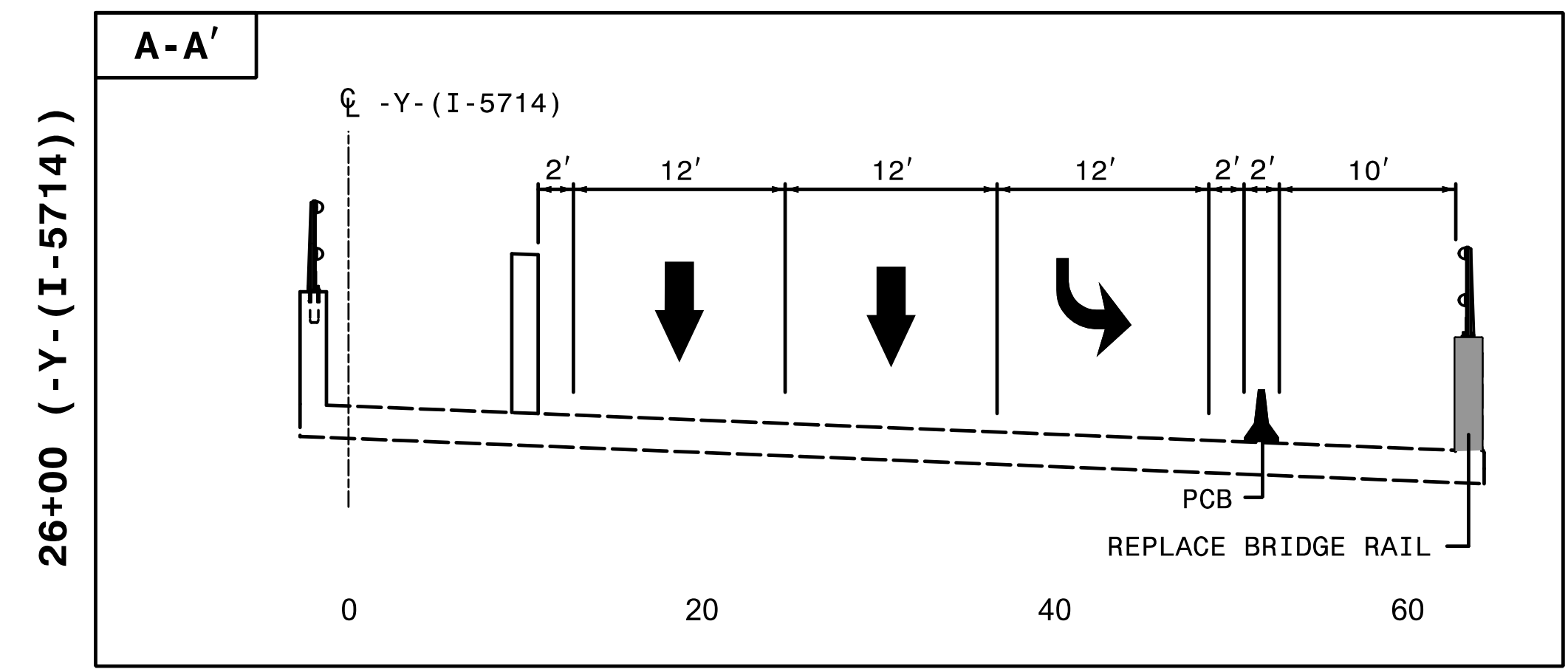
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TRANSPORTATION MANAGEMENT PLAN
PHASE V OVERVIEW
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

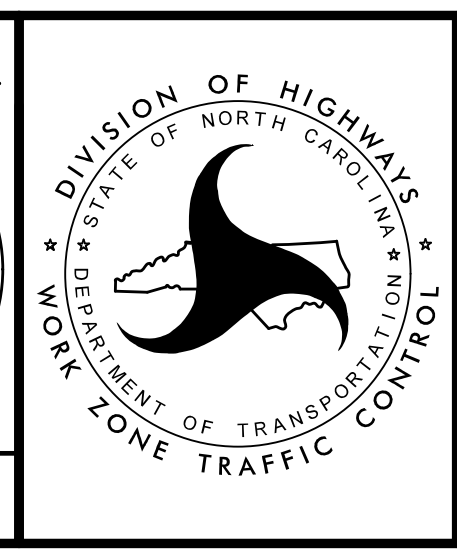


-Y- (I) = -Y- (I-5714) AND -Y- (U) = -Y- (U-5114)

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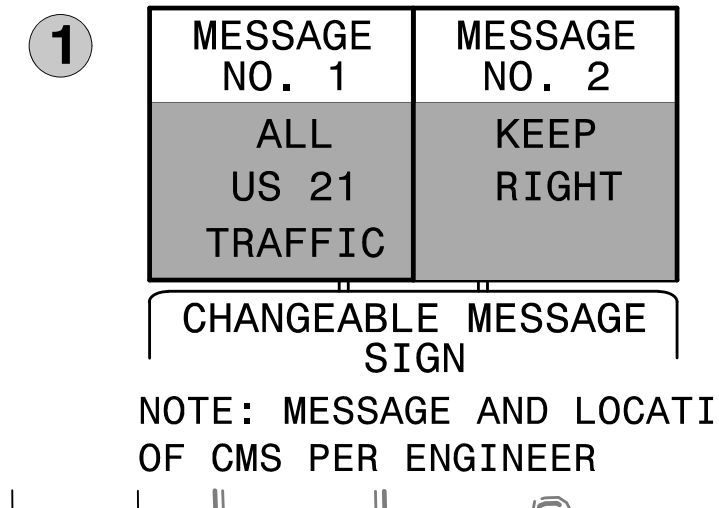
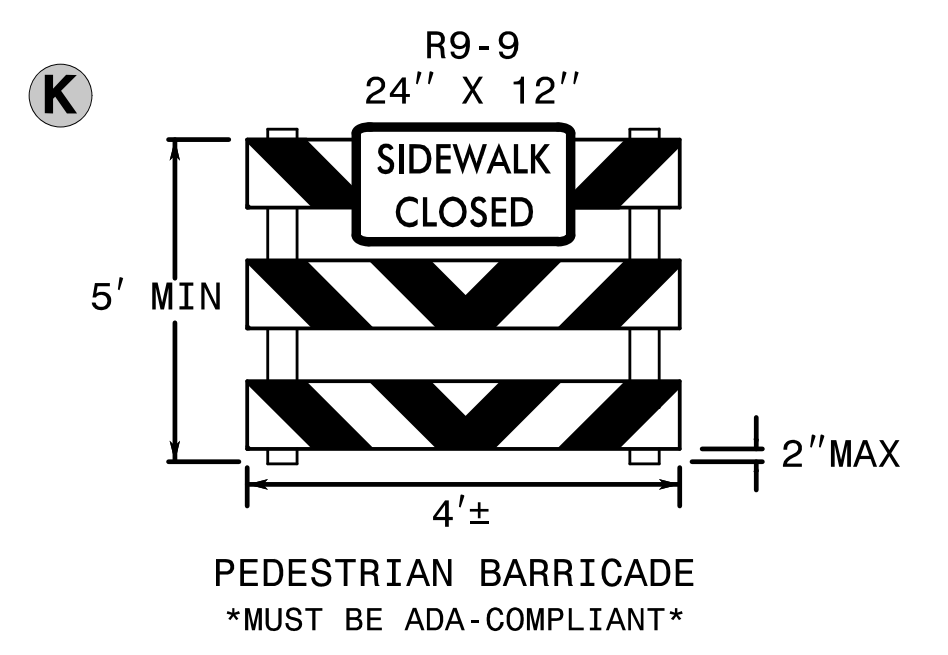
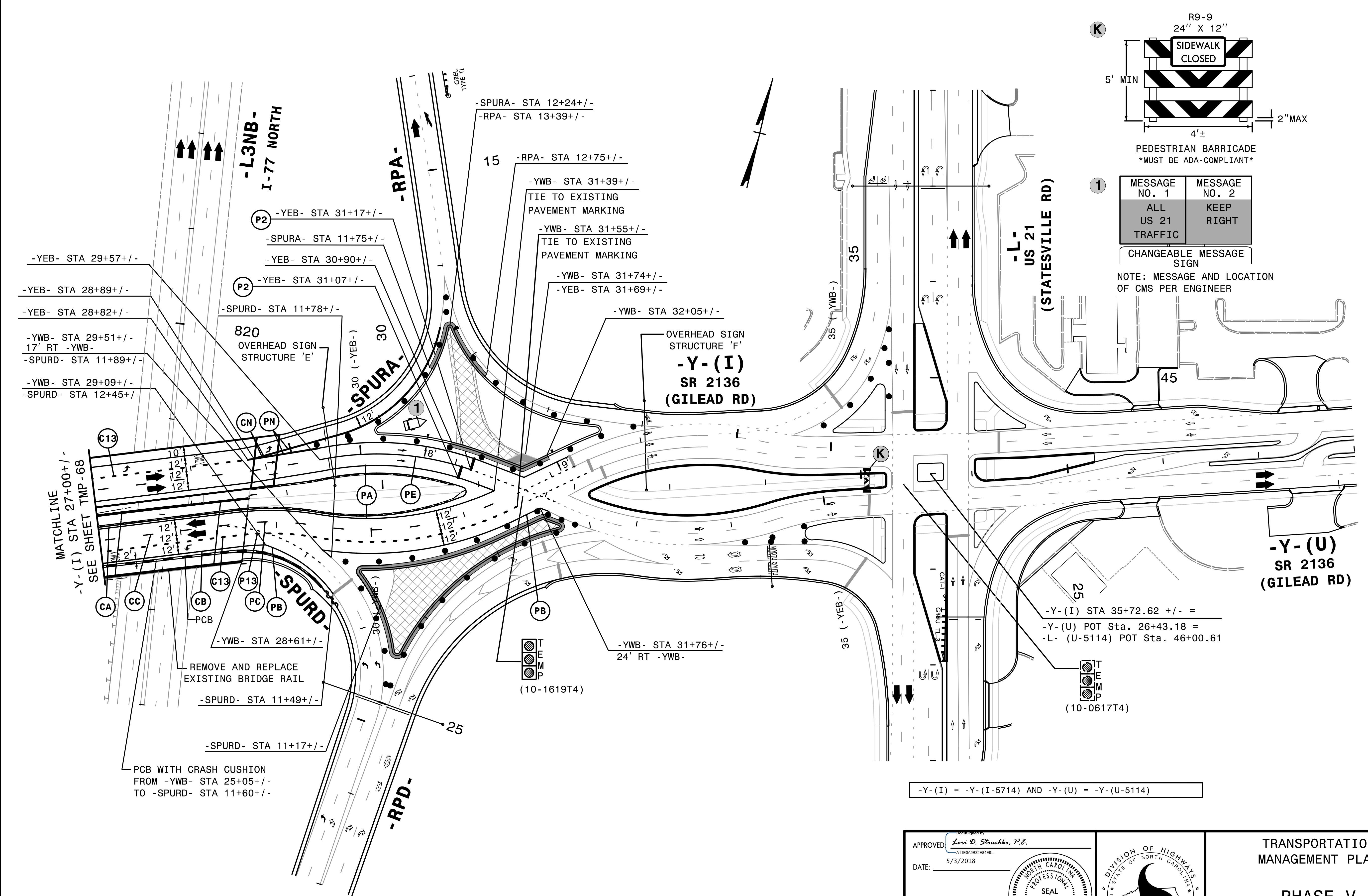


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TRANSPORTATION
 MANAGEMENT PLAN

**PHASE V
 DETAIL**



-Y-(I) STA 35+72.62 +/- =
-Y-(U) POT Sta. 26+43.18 =
-L- (U-5114) POT Sta. 46+00.61

-Y-(I) = -Y-(I-5714) AND -Y-(U) = -Y-(U-5114)

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TRANSPORTATION
MANAGEMENT PLAN

PHASE V
DETAIL