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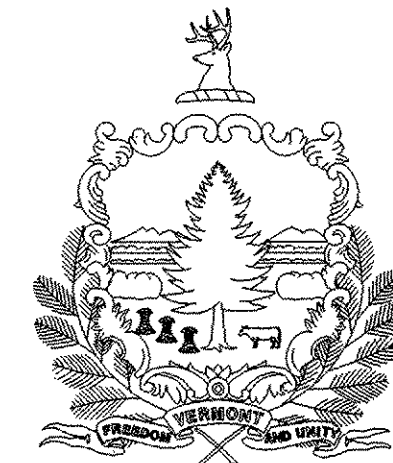
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- 24-36 TRAFFIC SIGN SUMMARY SHEETS
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REFER TO THE 2004 STANDARD HIGHWAY SIGN BOOK FOR ALL OTHER SIGN DETAILS

STATE OF VERMONT AGENCY OF TRANSPORTATION

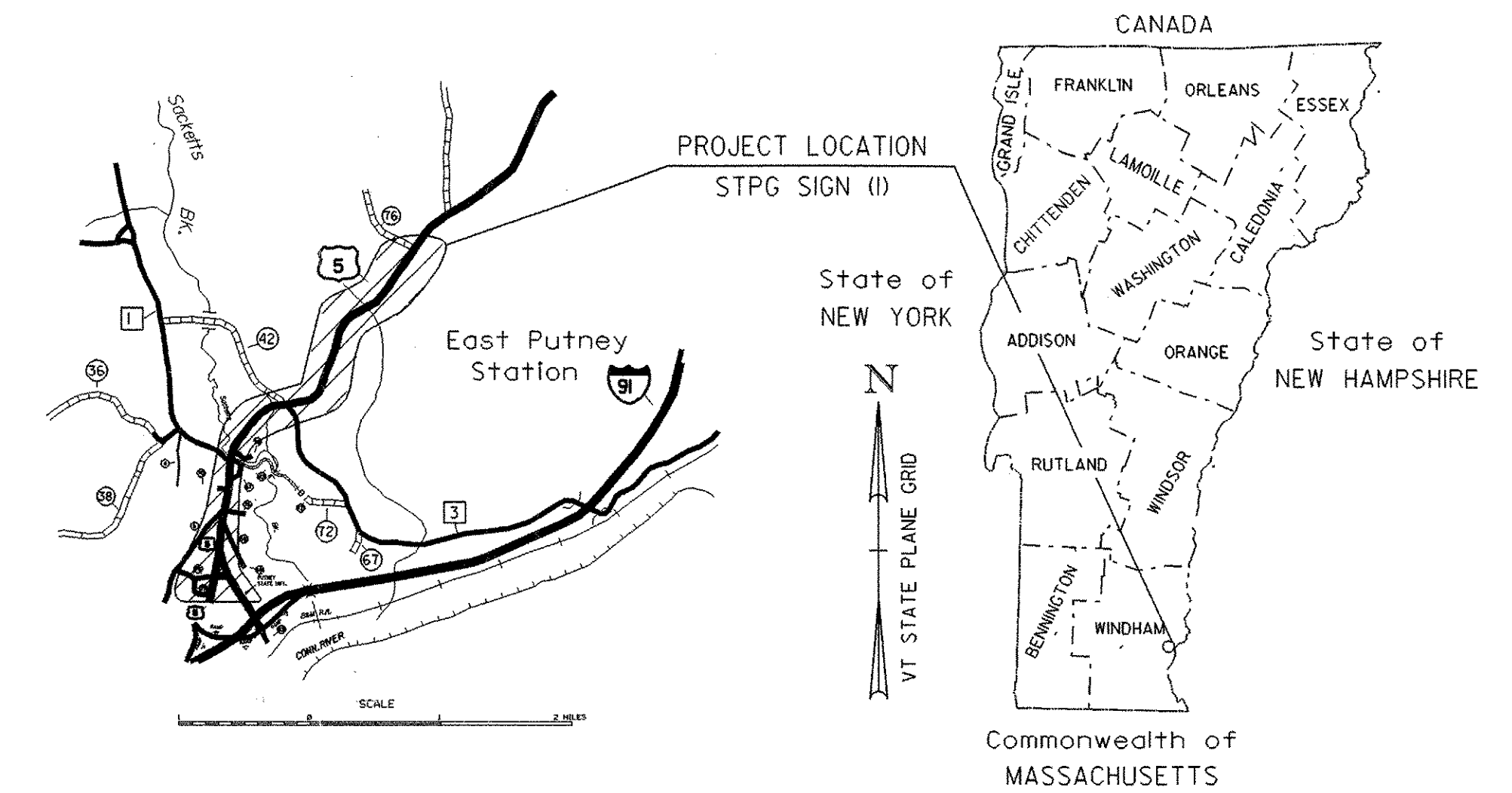


PROPOSED IMPROVEMENT TOWN OF PUTNEY COUNTY OF WINDHAM U.S. ROUTE 5

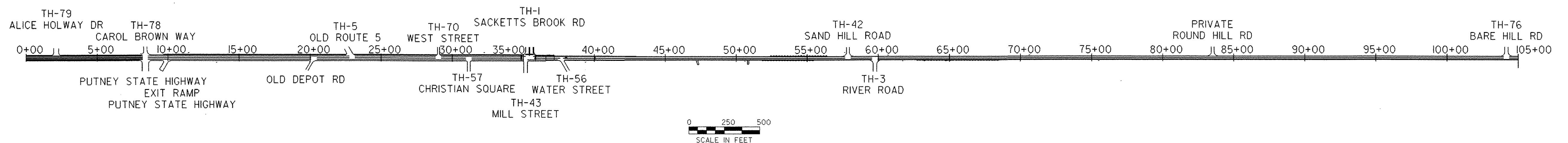
BEGINNING AT THE DUMMERSTON-PUTNEY TOWNLINE AT MILE MARKER 0.000 = STA. 0+00 AND EXTENDING
NORTHERLY ALONG US ROUTE 5 FOR A DISTANCE OF 1.96 MILES TO THE INTERSECTION
OF BARE HILL ROAD (TOWN HIGHWAY 76) AT MILE MARKER 1.96 = STA. 103+49

LENGTH OF ROADWAY 1.960 MILES
LENGTH OF PROJECT 1.960 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REMOVAL OF EXISTING SIGNS AND SIGN POSTS
AND THE INSTALLATION OF NEW SIGNS AND SIGN POSTS AND INCIDENTAL ITEMS.



RECORD PLANS	
CONTRACTOR:	F.R. LAFAYETTE, INC. - ESSEX JCT., VT.
RESIDENT ENGINEER:	ANNETTE WOODCOCK-ABEL
CONSTRUCTION BEGAN:	JUNE 20, 2006
CONSTRUCTION COMPLETE:	AUGUST 21, 2006
RECORD PLANS BY:	ANNETTE WOODCOCK-ABEL & J. GILMORE
I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.	
BY:	<i>Annette Woodcock-Abel</i> RESIDENT ENGINEER
DATE:	4-19-07
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.	



CONVENTIONAL SYMBOLS	
COUNTY LINE	
TOWN LINE	
LIMITS OF ACCESS	
POINT OF ACCESS	
FENCE LINE	
STONE WALL	
TRAVELED WAY	
GUARD RAIL	
RAILROAD	
SURVEY LINE	
CULVERT	
POWER POLE	
TELEPHONE POLE	
TREES	
CONTROL OF ACCESS	
PROPERTY LINE	
R.O.W. TAKING LINE	
SLOPE RIGHTS	
TOP OF CUT	
TOE OF SLOPE	

SURVEYED BY :	
SURVEYED DATE :	
DATUM	
VERTICAL	
HORIZONTAL	

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT.

CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	
APPROVED:	<i>Richard Schuman</i> DATE 1-26-06
PROJECT MANAGER : A. GAMBLE	
PROJECT NAME : PUTNEY	
PROJECT NUMBER : STPG SIGN (13)	
SHEET 1 OF 38 SHEETS SIGN(13) TIT	

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E-164	SQUARE STEEL POST	05-20-1999

REFER TO THE 2004 STANDARD HIGHWAY SIGN BOOK FOR ALL OTHER SIGN DETAILS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

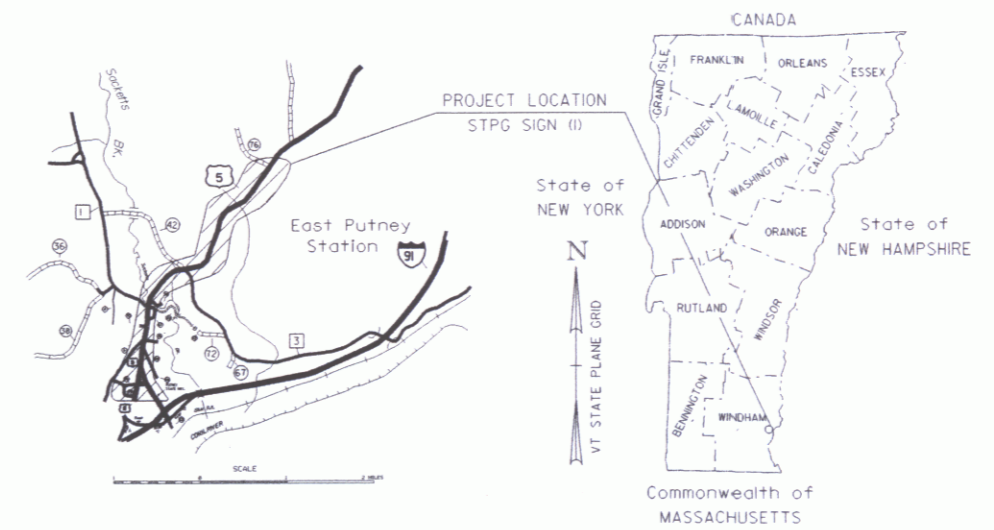


PROPOSED IMPROVEMENT
TOWN OF PUTNEY
COUNTY OF WINDHAM
U.S. ROUTE 5

BEGINNING AT THE DUMMERSTON-PUTNEY TOWNSHIP LINE AT MILE MARKER 0.000 = STA. 0+00 AND EXTENDING NORTHERLY ALONG US ROUTE 5 FOR A DISTANCE OF 1.96 MILES TO THE INTERSECTION OF BARE HILL ROAD (TOWN HIGHWAY 76) AT MILE MARKER 1.96 = STA. 103+49

LENGTH OF ROADWAY 1.960 MILES
LENGTH OF PROJECT 1.960 MILES

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE REMOVAL OF EXISTING SIGNS AND SIGN POSTS AND THE INSTALLATION OF NEW SIGNS AND SIGN POSTS AND INCIDENTAL ITEMS.

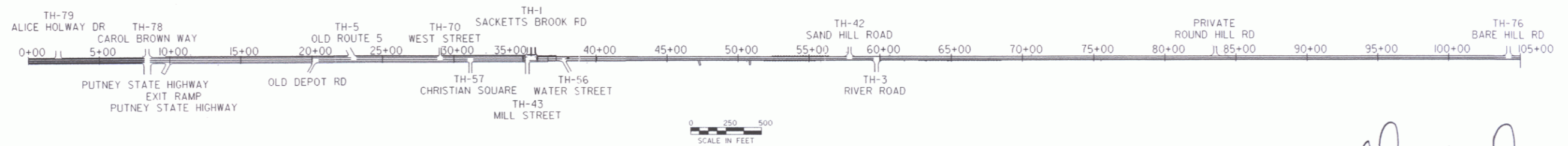


F.R. Lafayette, Inc.
Contractor

Pamela Lafayette
Signature

President

Title



CONVENTIONAL SYMBOLS

COUNTY LINE	— — — — —
TOWN LINE	— — — — —
LIMITS OF ACCESS	— o — o — o — o —
POINT OF ACCESS	X
FENCE LINE	X — X — X — X —
STONE WALL	o — o — o — o — o — o — o — o —
TRAVELED WAY	— — — — —
GUARD RAIL	o — o — o — o — o — o —
RAILROAD	— — — — —
SURVEY LINE	— — — — —
CULVERT	— — — — —
POWER POLE	— — — — —
TELEPHONE POLE	— — — — —
TREES	— — — — —
CONTROL OF ACCESS	— — — — —
PROPERTY LINE	— — — — —
R.O.W. TAKING LINE	— — — — —
SLOPE RIGHTS	— SR — SR — SR —
TOP OF CUT	— — — — —
TOE OF SLOPE	— — — — —

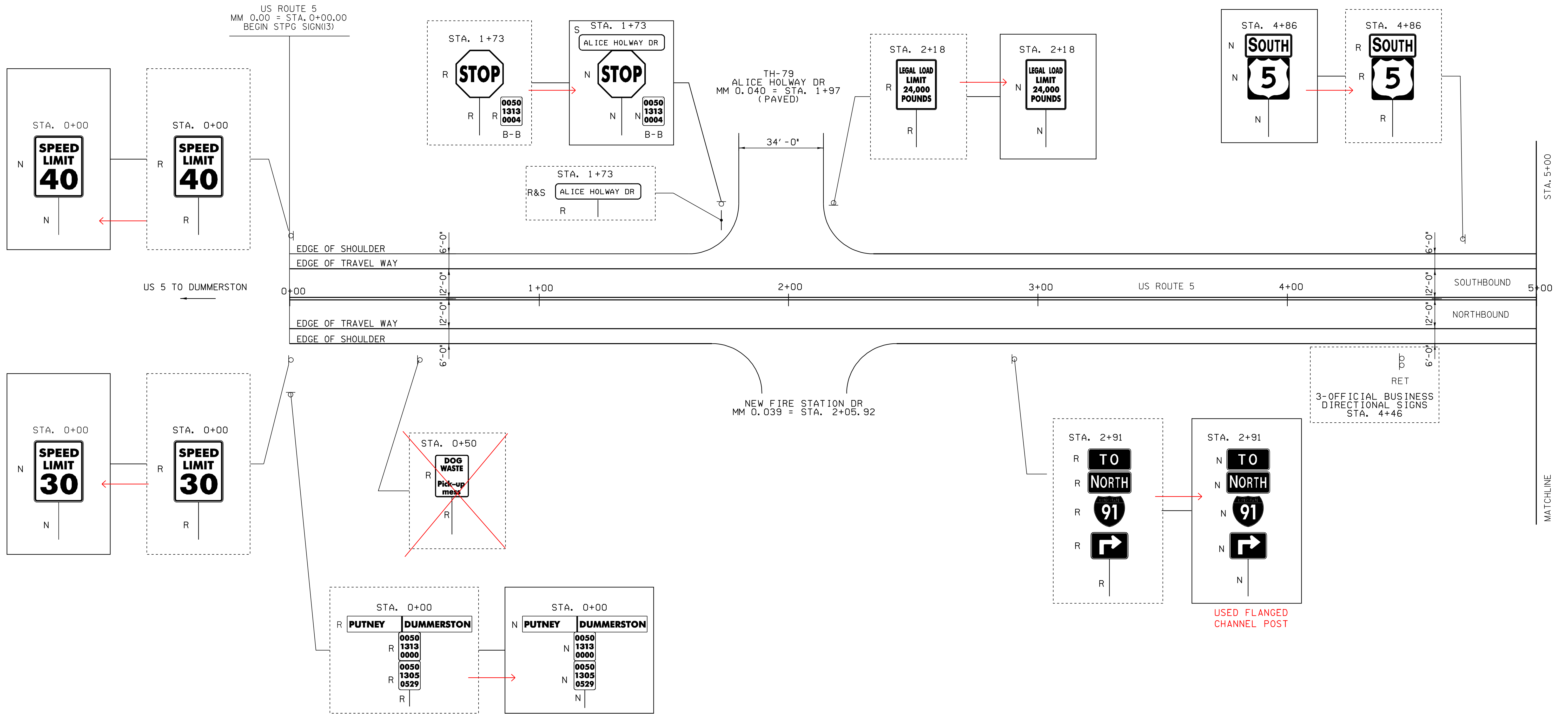
SURVEYED BY :
SURVEYED DATE :
DATUM
VERTICAL
HORIZONTAL

David Qui
Secretary of Transportation
or Duly Authorized Agent

4/17/06
Date

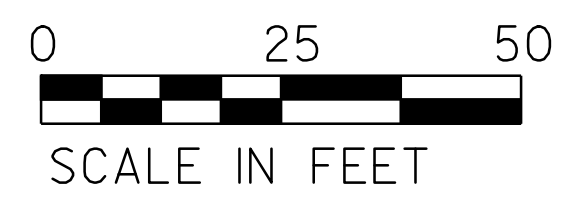
THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JANUARY 4, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

DIRECTOR OF PROGRAM DEVELOPMENT	APPROVED: <i>[Signature]</i> DATE: 1-26-06
PROJECT MANAGER: A. GAMBLE	
PROJECT NAME: PUTNEY	
PROJECT NUMBER: STPG SIGN (13)	
SHEET 1 OF 38 SHEETS	SIGN 131 TIT



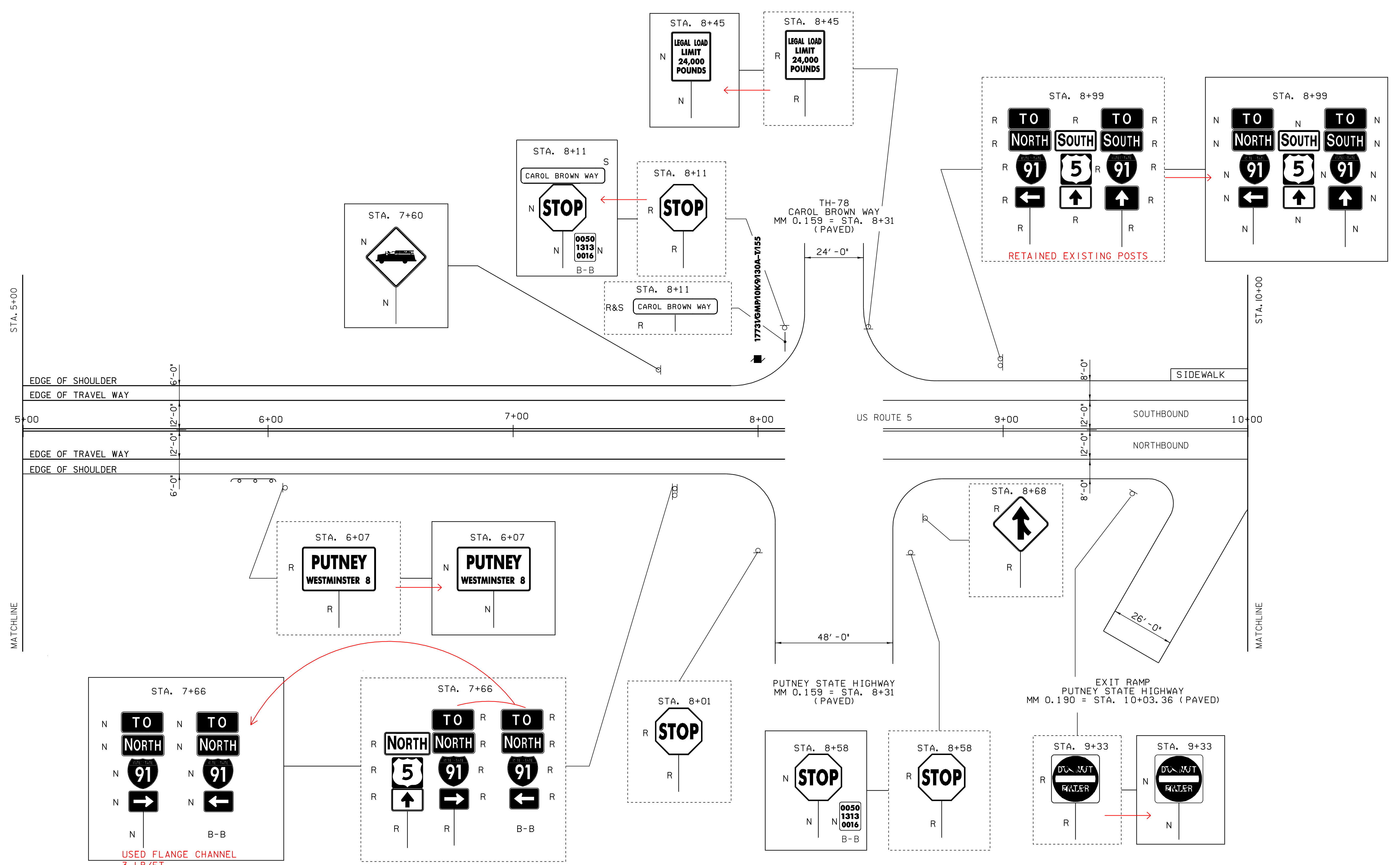
LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED

----- = EXISTING
 _____ = NEW



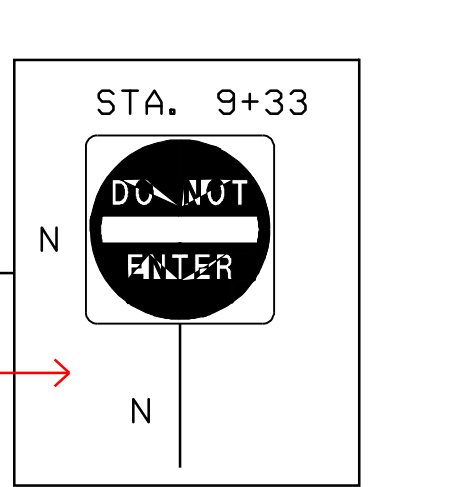
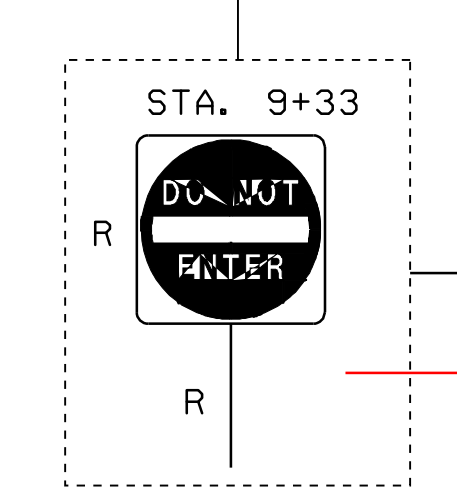
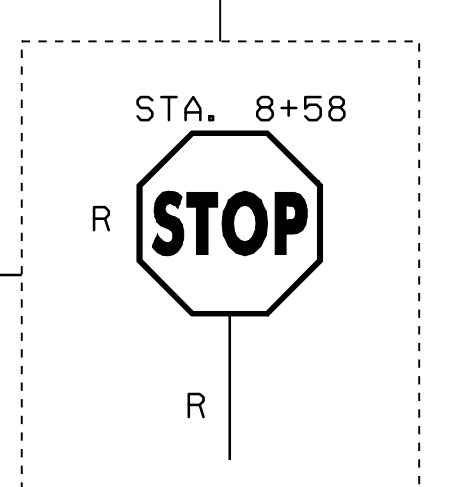
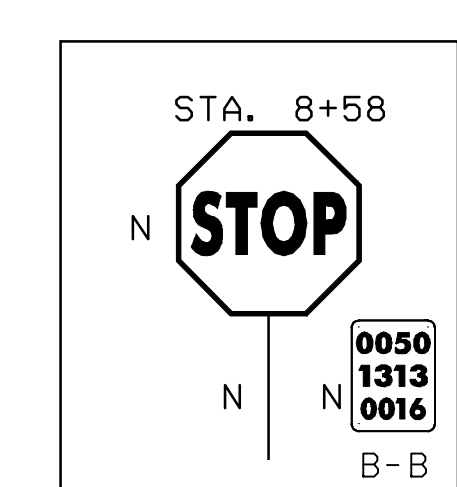
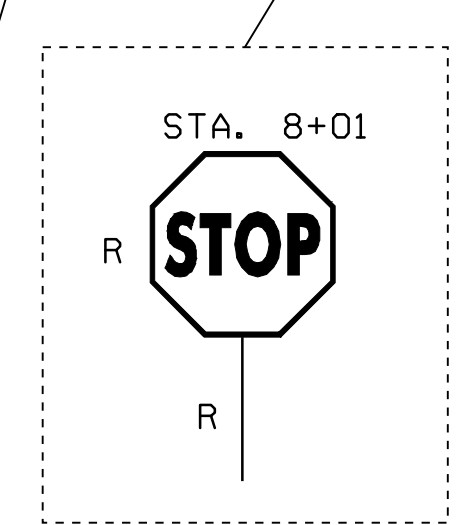
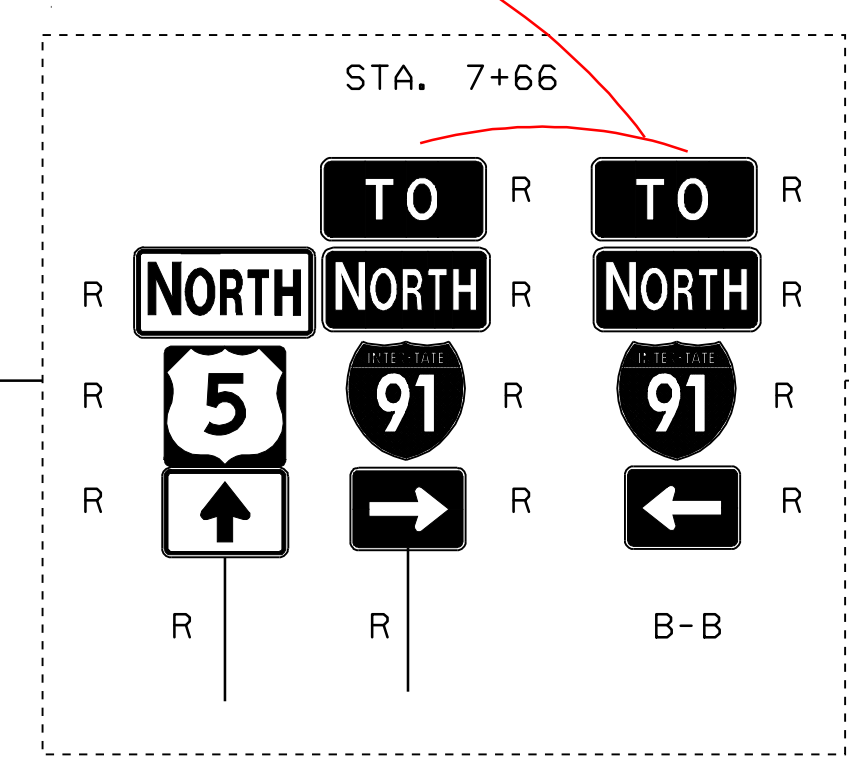
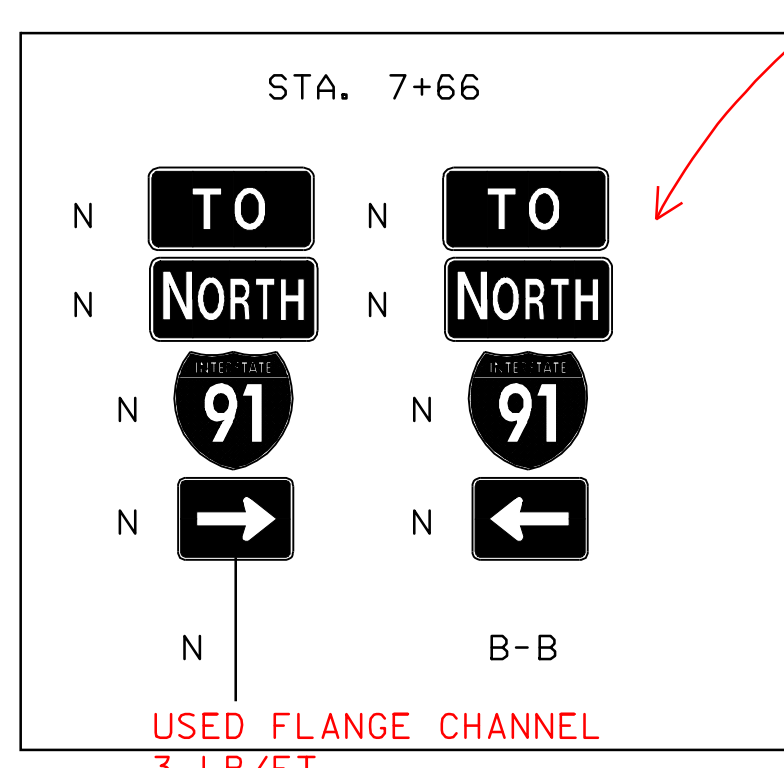
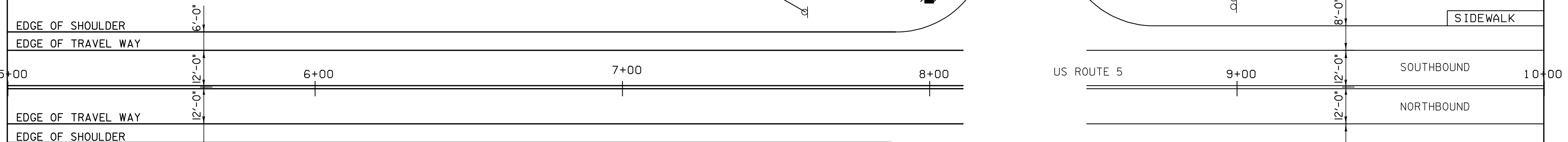
LAYOUT SHEET # 1

PROJECT NAME: PUTNEY	PLOT DATE: 12-DEC-2008 13:2
PROJECT NUMBER: STPG SIGN (13)	DRAWN BY: N. AVERY
FILE NAME: STPG SIGN (13).DGN	CHECKED BY: A. GAMBLE
PROJECT LEADER: N. AVERY	SHEET 3 OF 38
DESIGNED BY: N. AVERY & M. MILLER	
SIGN(13) L01	



STA. 5+00
MATCHLINE

STA. 10+00
MATCHLINE

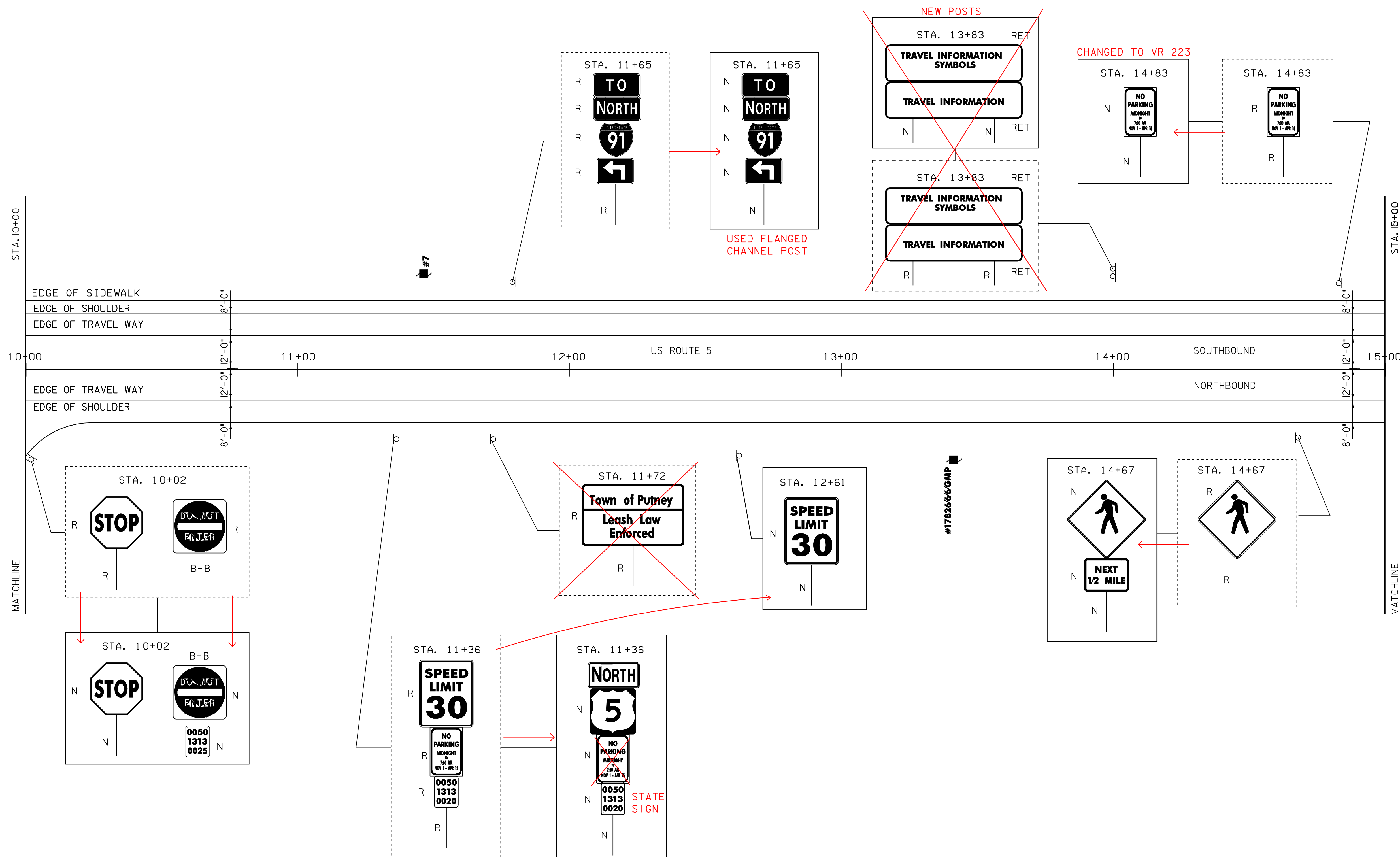


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW

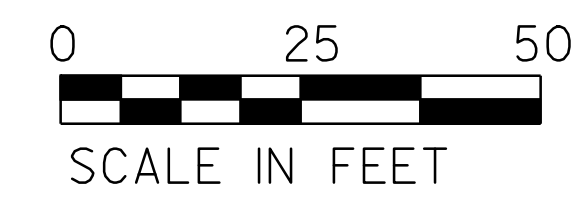


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PROJECT NAME:	PUTNEY	FILE NAME:	STPG SIGN (13).DGN	PLOT DATE:	12-DEC-2008 13:2
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		DESIGNED BY:	N. AVERY & M. MILLER	CHECKED BY:	A. GAMBLE
		SIGN(13) L02		SHEET	4 OF 38

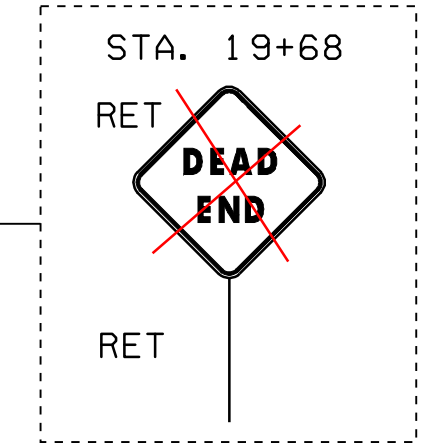
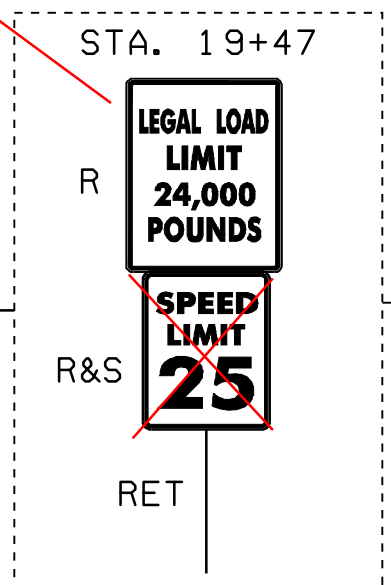
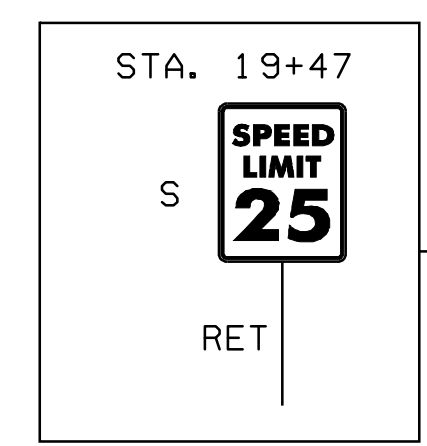
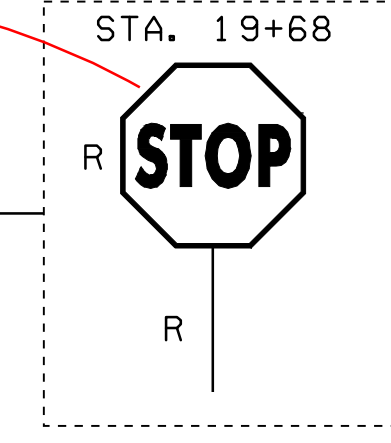
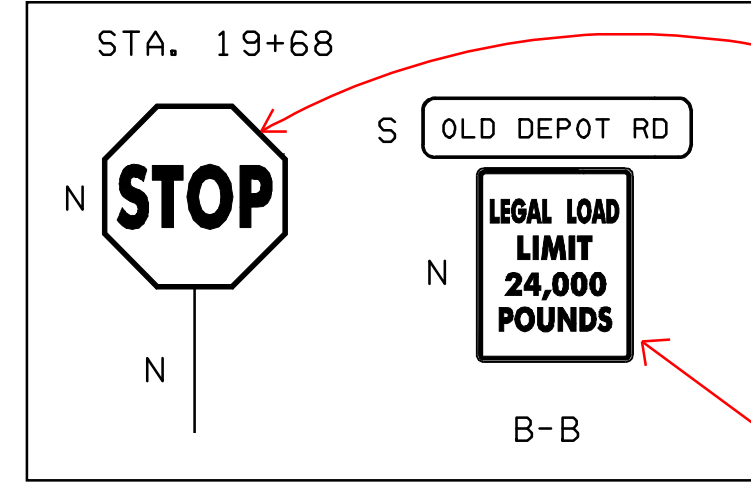
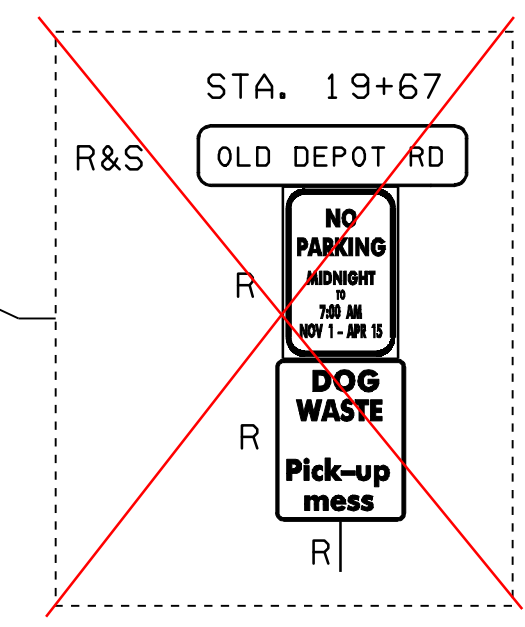
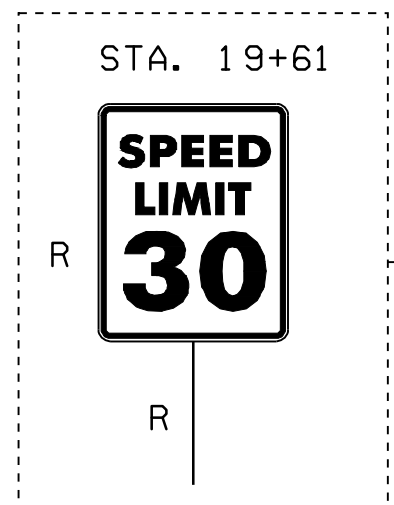
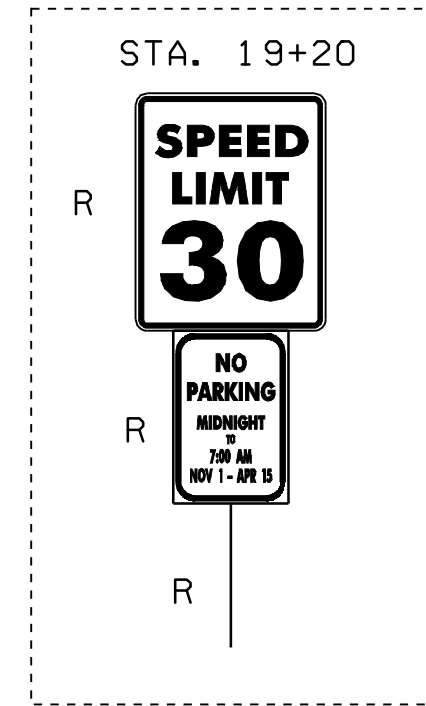
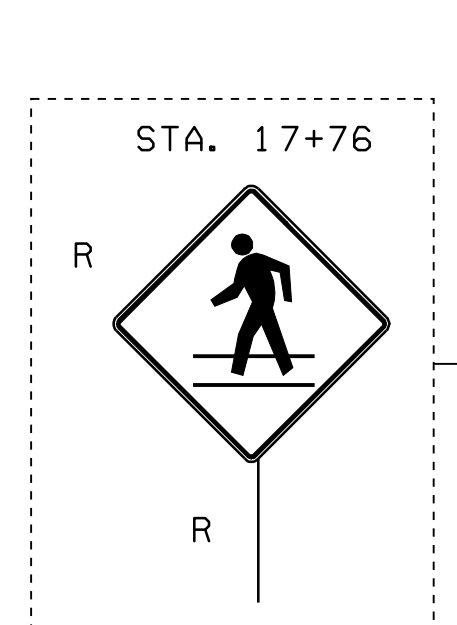
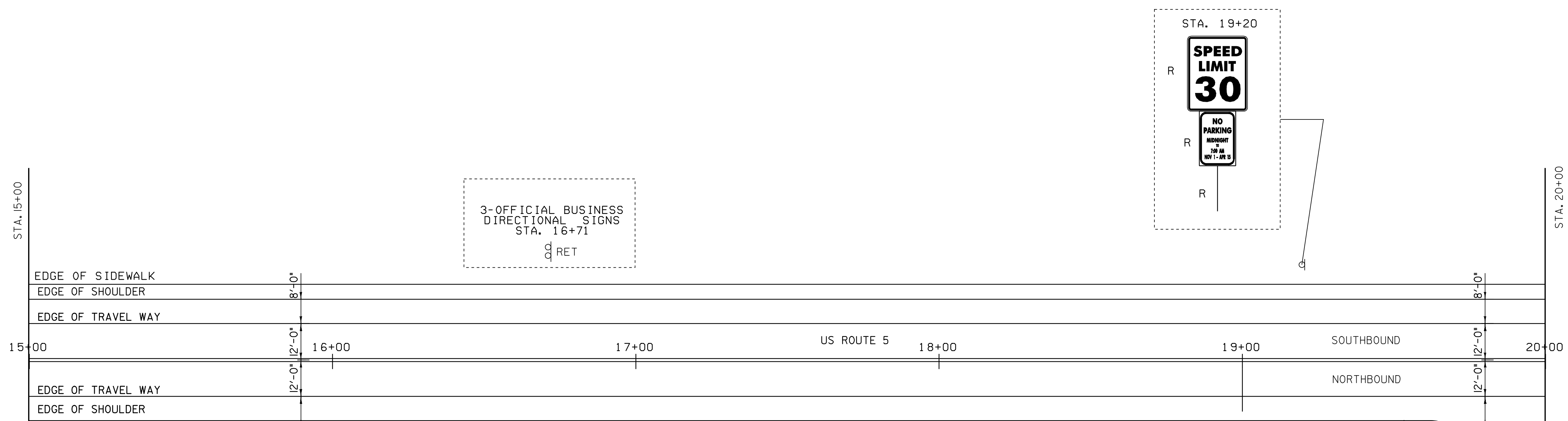


LEGEND:
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 RET = RETAINED
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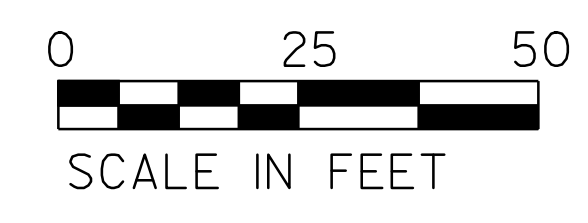


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PROJECT NAME:	PUTNEY	PLOT DATE:	12-DEC-2008 13:22
PROJECT NUMBER:	STPG SIGN (13)	DRAWN BY:	N. AVERY
FILE NAME:	STPG SIGN (13).DGN	CHECKED BY:	A. GAMBLE
PROJECT LEADER:	N. AVERY	SHEET	5 OF 38
DESIGNED BY:	N. AVERY & M. MILLER		
SIGN(13) L03			

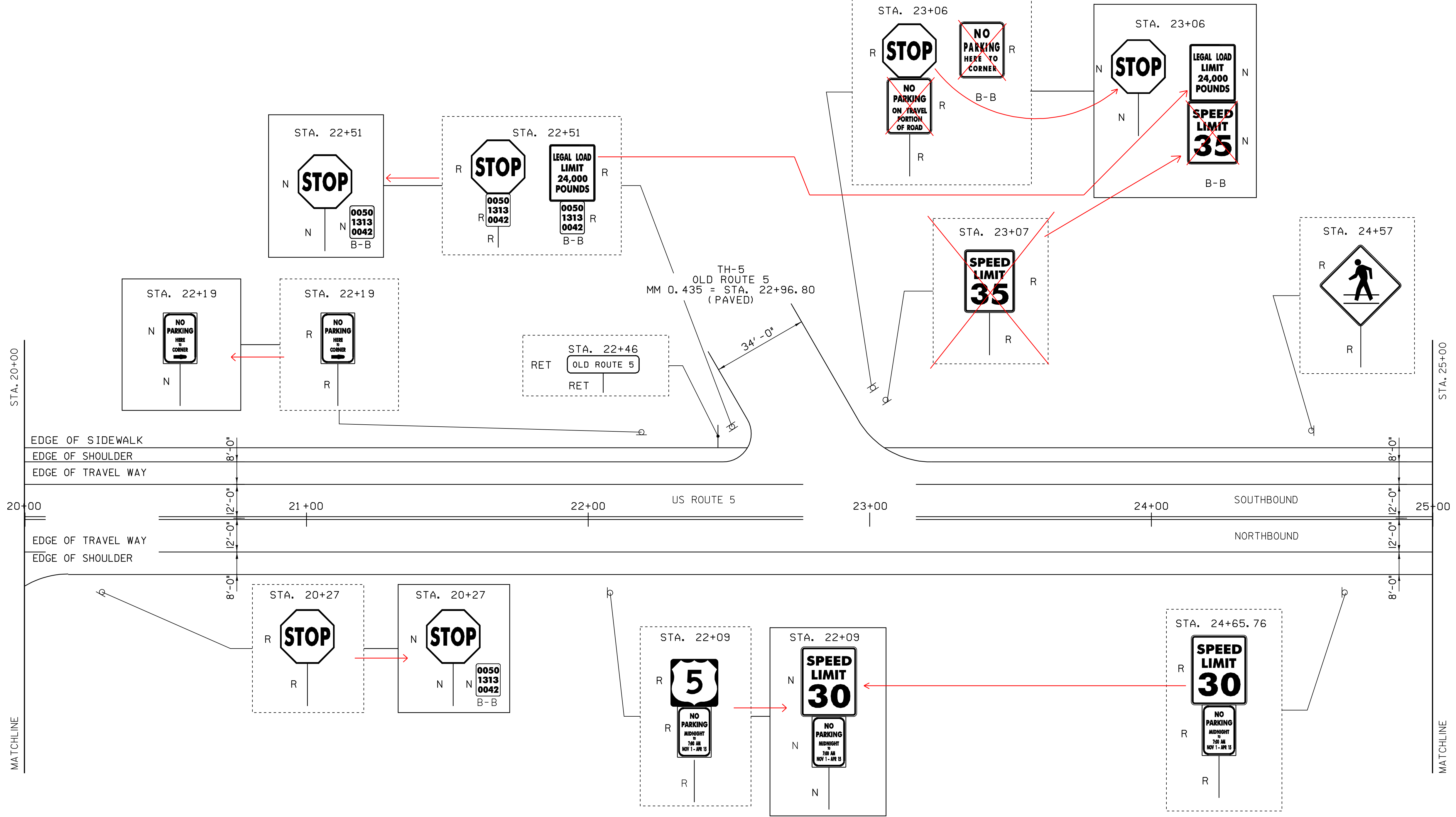


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW



LAYOUT SHEET # 4

PROJECT NAME:	PUTNEY	FILE NAME:	STPG SIGN (13).DGN	PLOT DATE:	12-DEC-2008 13:2
PROJECT NUMBER:	STPG SIGN (13)	PROJECT LEADER:	N. AVERY	DRAWN BY:	N. AVERY
		DESIGNED BY:	N. AVERY & M. MILLER	CHECKED BY:	A. GAMBLE
		SIGN(13) L04		SHEET	6 OF 38

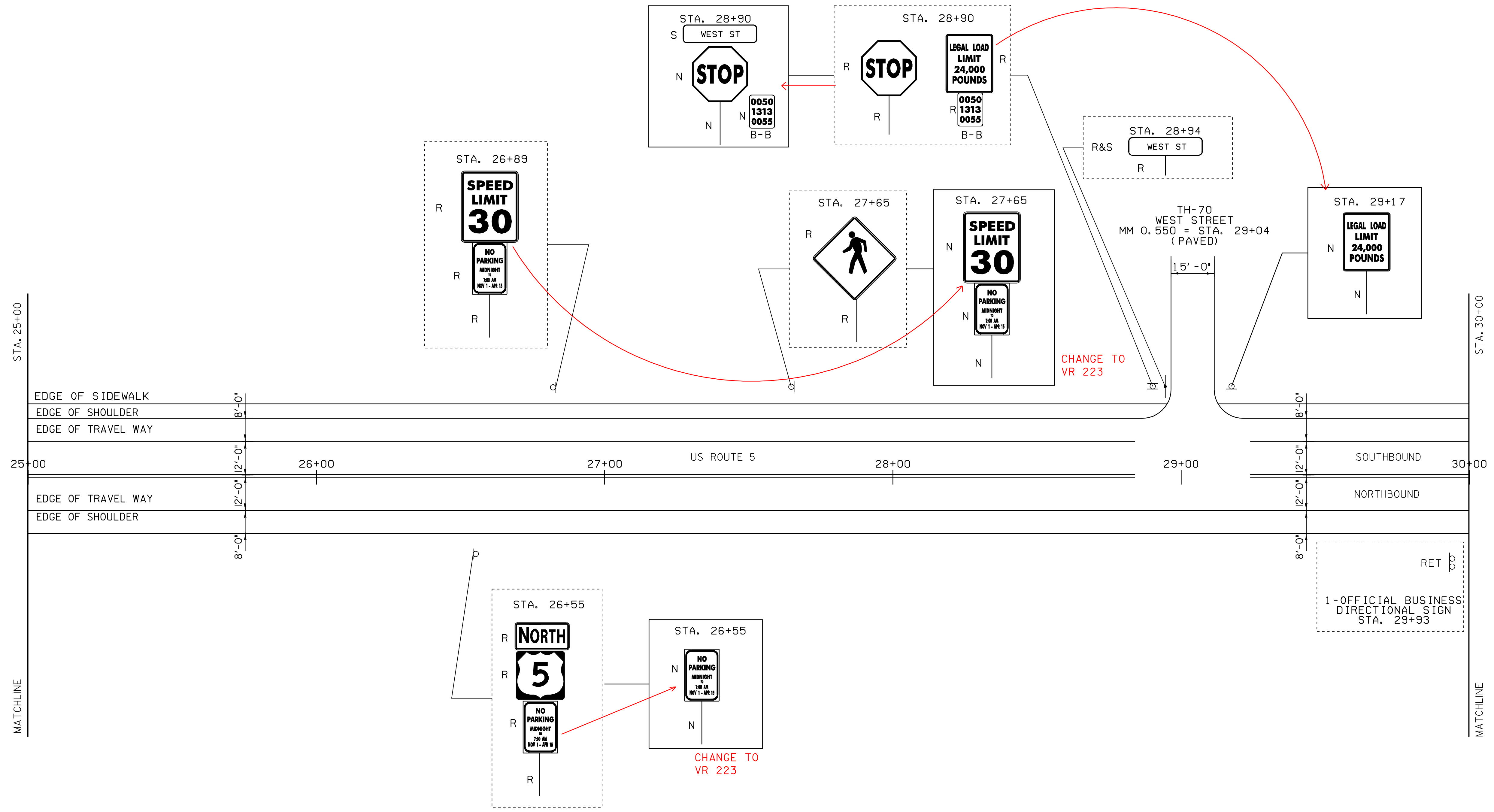


LEGEND:
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 R = REMOVE
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 RET = RETAINED
 ----- = EXISTING
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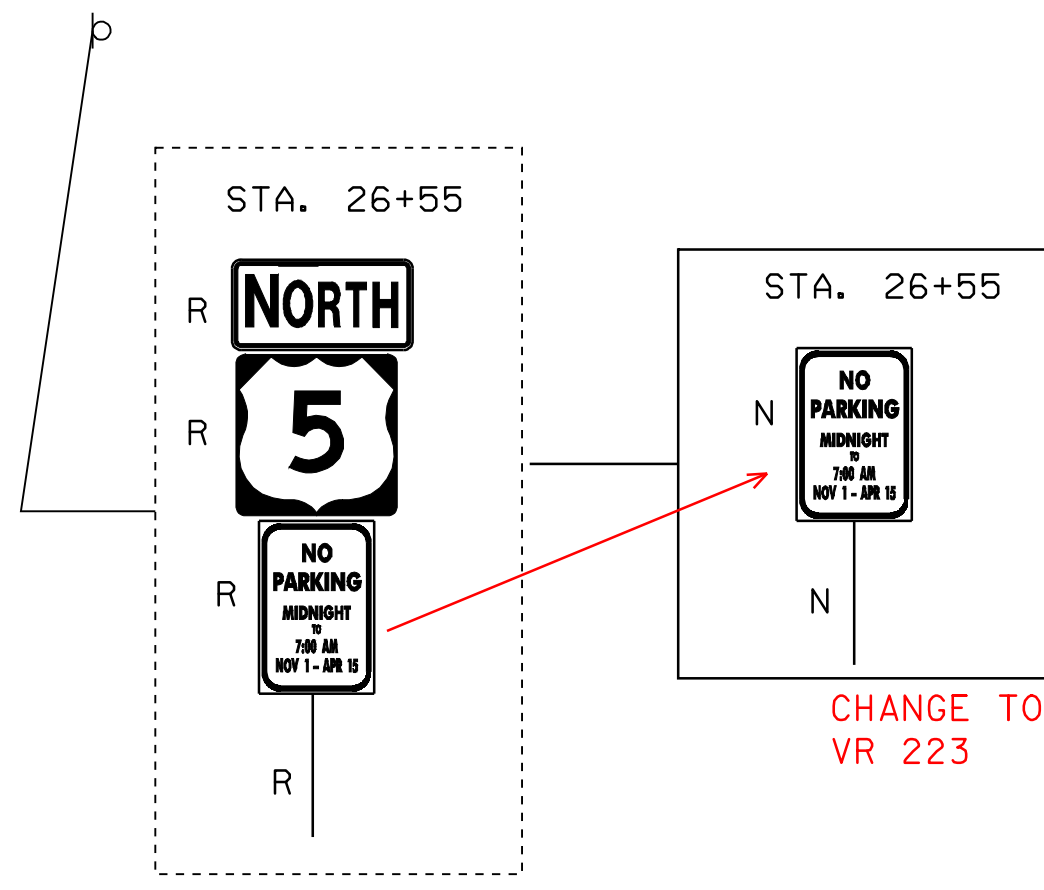
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PROJECT NAME:	PUTNEY	PLOT DATE:	12-DEC-2008 13:2
PROJECT NUMBER:	STPG SIGN (13)	DRAWN BY:	N. AVERY
FILE NAME:	STPG SIGN (13).DGN	CHECKED BY:	A. GAMBLE
DESIGNED BY:	N. AVERY & M. MILLER	SHEET	7 OF 38
SIGN(13) L05			



STA. 25+00
MATCHLINE

STA. 30+00
MATCHLINE

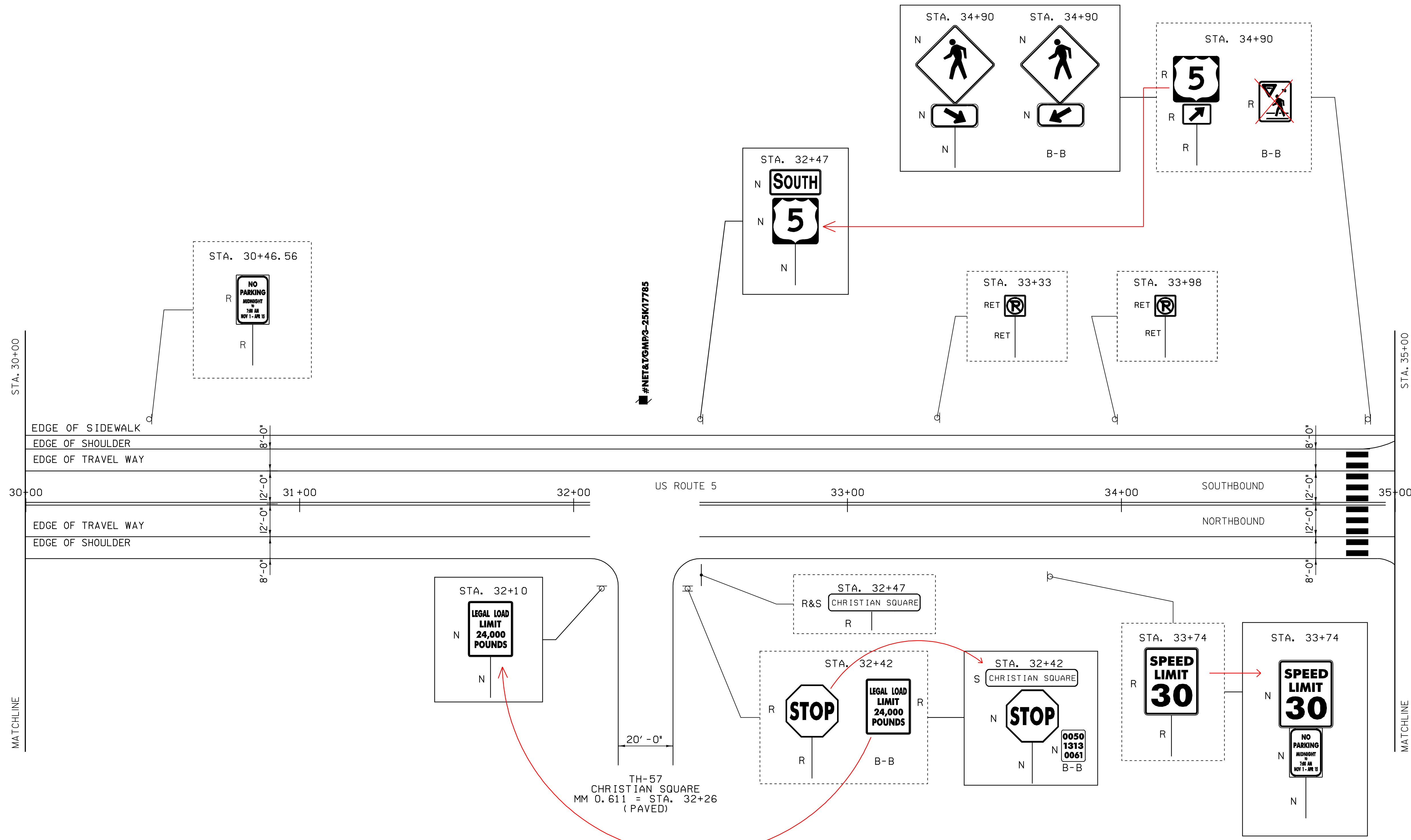


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW



LAYOUT SHEET # 6

PROJECT NAME:	PUTNEY	FILE NAME:	STPG SIGN (13).DGN	PLOT DATE:	12-DEC-2008 13:2
PROJECT NUMBER:	STPG SIGN (13)	PROJECT LEADER:	N. AVERY	DRAWN BY:	N. AVERY
		DESIGNED BY:	N. AVERY & M. MILLER	CHECKED BY:	A. GAMBLE
		SIGN(13) L06		SHEET	8 OF 38



#NET&GMP3-25K17785

STA. 30+00

STA. 35+00

30+00

35+00

MATCHLINE

MATCHLINE

US ROUTE 5

SOUTHBOUND

NORTHBOUND

STA. 32+10
LEGAL LOAD LIMIT
24,000
POUNDS

STA. 32+42
STOP

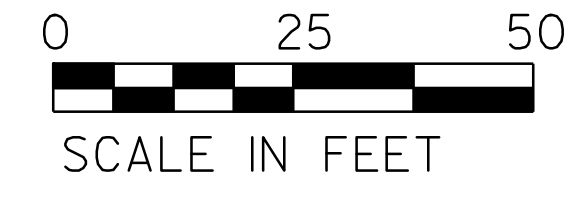
STA. 32+42
STOP

STA. 33+74
SPEED LIMIT
30

STA. 33+74
SPEED LIMIT
30
NO PARKING
MIDNIGHT
THRU
NOV 1 - APR 15

LEGEND:
N = NEW
R = REMOVE
S = SALVAGED
RET = RETAINED

----- = EXISTING
————— = NEW

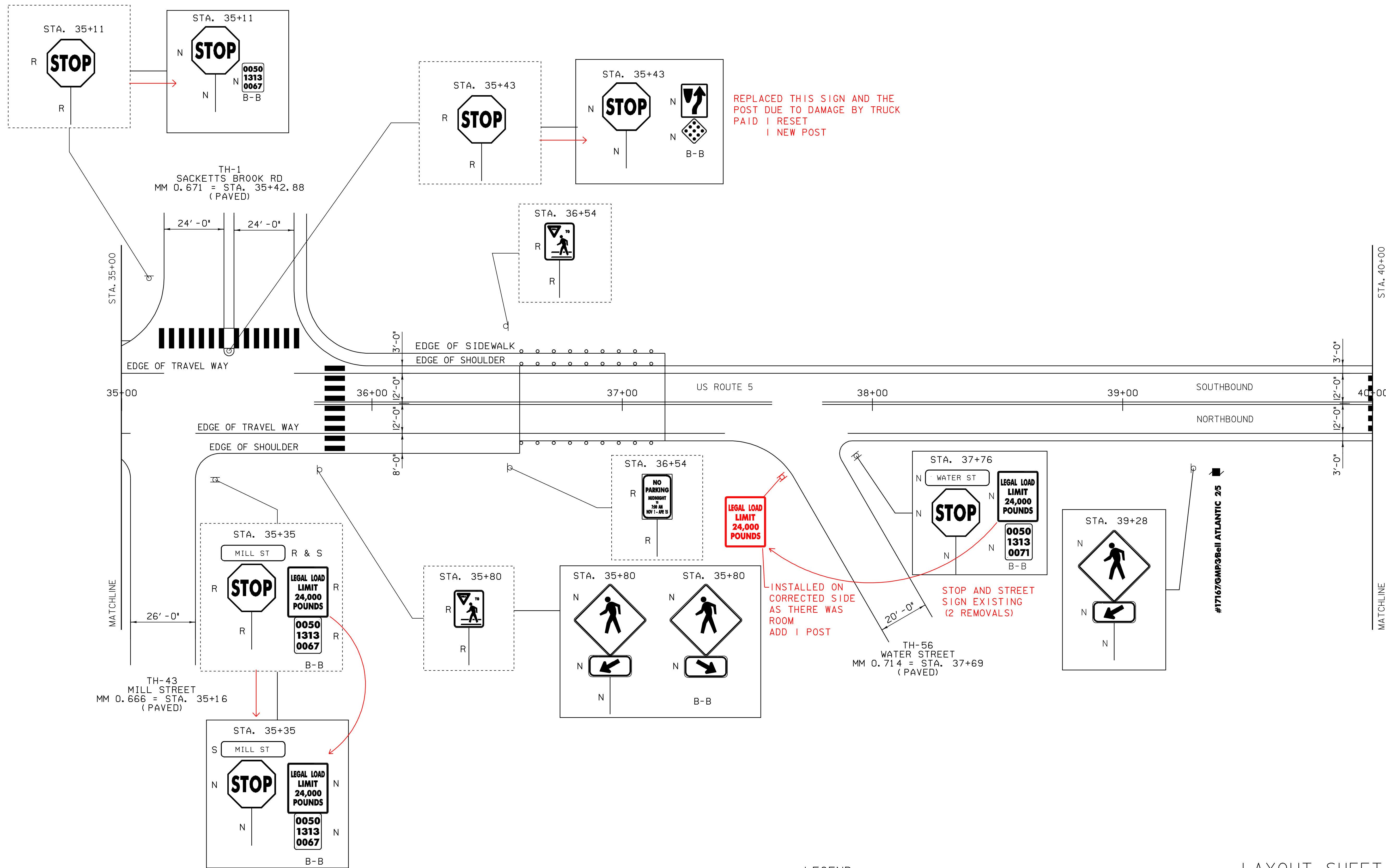


LAYOUT SHEET # 7

PROJECT NAME: PUTNEY
PROJECT NUMBER: STPG SIGN (13)

FILE NAME: STPG SIGN (13).DGN
PROJECT LEADER: N. AVERY
DESIGNED BY: N. AVERY & M. MILLER
SIGN(13) L07

PLOT DATE: 12-DEC-2008 13:2
DRAWN BY: N. AVERY
CHECKED BY: A. GAMBLE
SHEET 9 OF 38



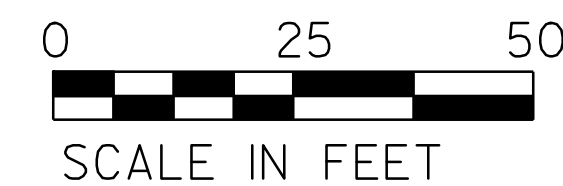
REPLACED THIS SIGN AND THE POST DUE TO DAMAGE BY TRUCK
PAID 1 RESET
1 NEW POST

LEGAL LOAD LIMIT
24,000
POUNDS

INSTALLED ON CORRECTED SIDE AS THERE WAS ROOM
ADD 1 POST

STOP AND STREET SIGN EXISTING (2 REMOVALS)

LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW

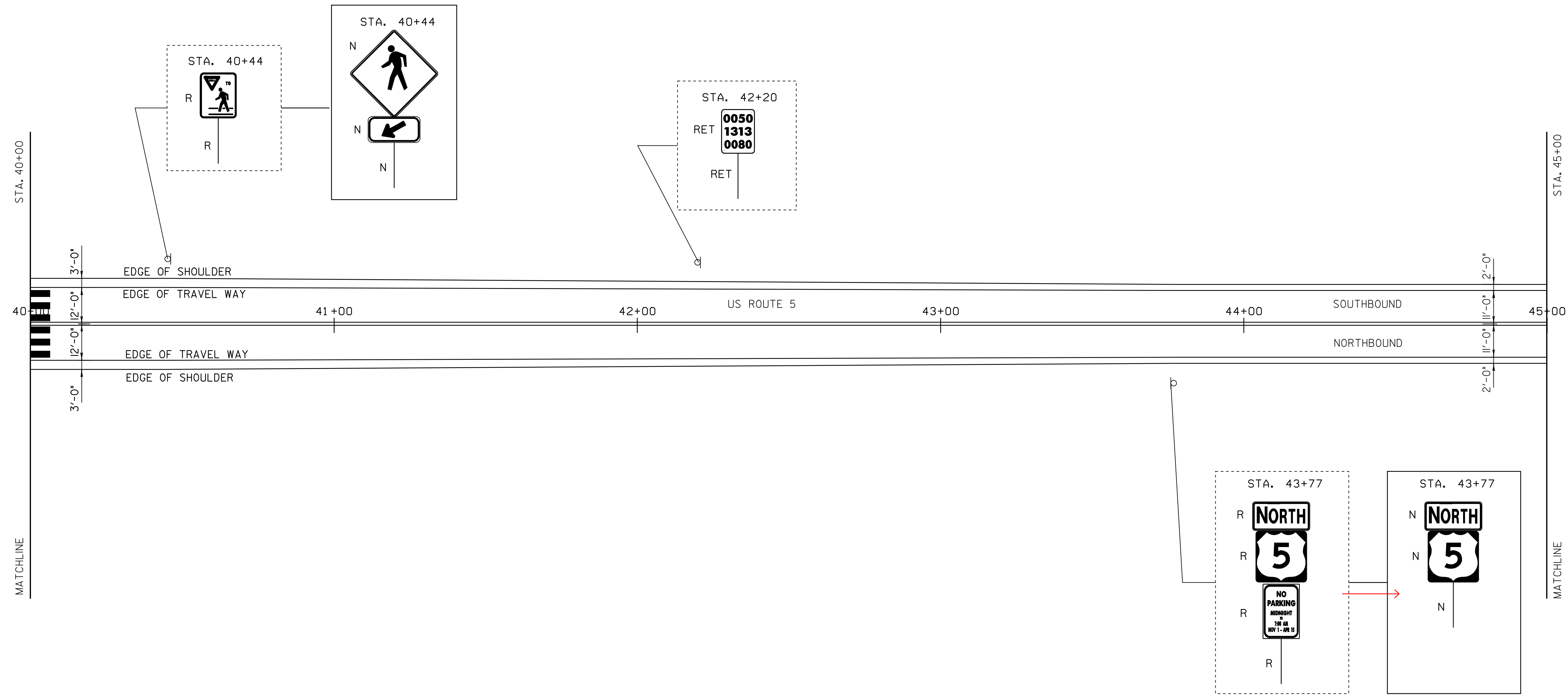


LAYOUT SHEET # 8

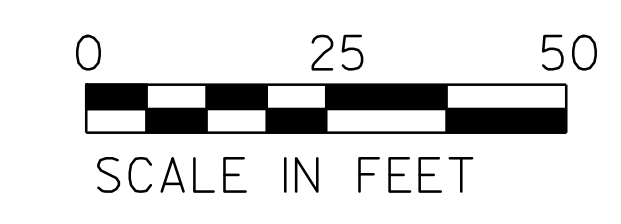
PROJECT NAME: PUTNEY
 PROJECT NUMBER: STPG SIGN (13)

FILE NAME: STPG SIGN (13).DGN
 PROJECT LEADER: N. AVERY
 DESIGNED BY: N. AVERY & M. MILLER
 SIGN(13) L08

PLOT DATE: 12-DEC-2008 13:2
 DRAWN BY: N. AVERY
 CHECKED BY: A. GAMBLE
 SHEET 10 OF 38

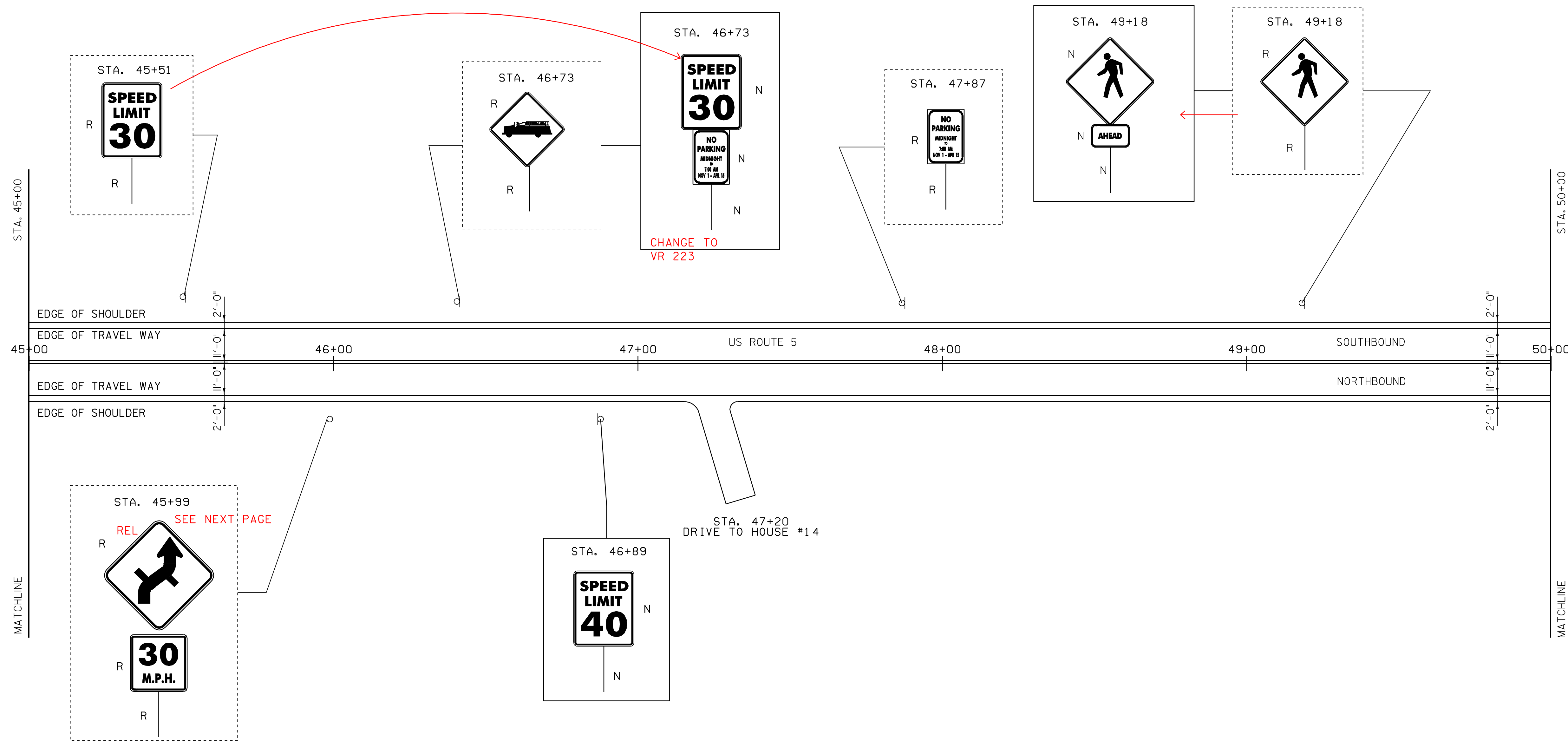


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW



LAYOUT SHEET # 9

PROJECT NAME: PUTNEY	PLOT DATE: 12-DEC-2008 13:2
PROJECT NUMBER: STPG SIGN (13)	DRAWN BY: N. AVERY
FILE NAME: STPG SIGN (13).DGN	CHECKED BY: A. GAMBLE
DESIGNED BY: N. AVERY & M. MILLER	SHEET 11 OF 38
SIGN(13) LOG	

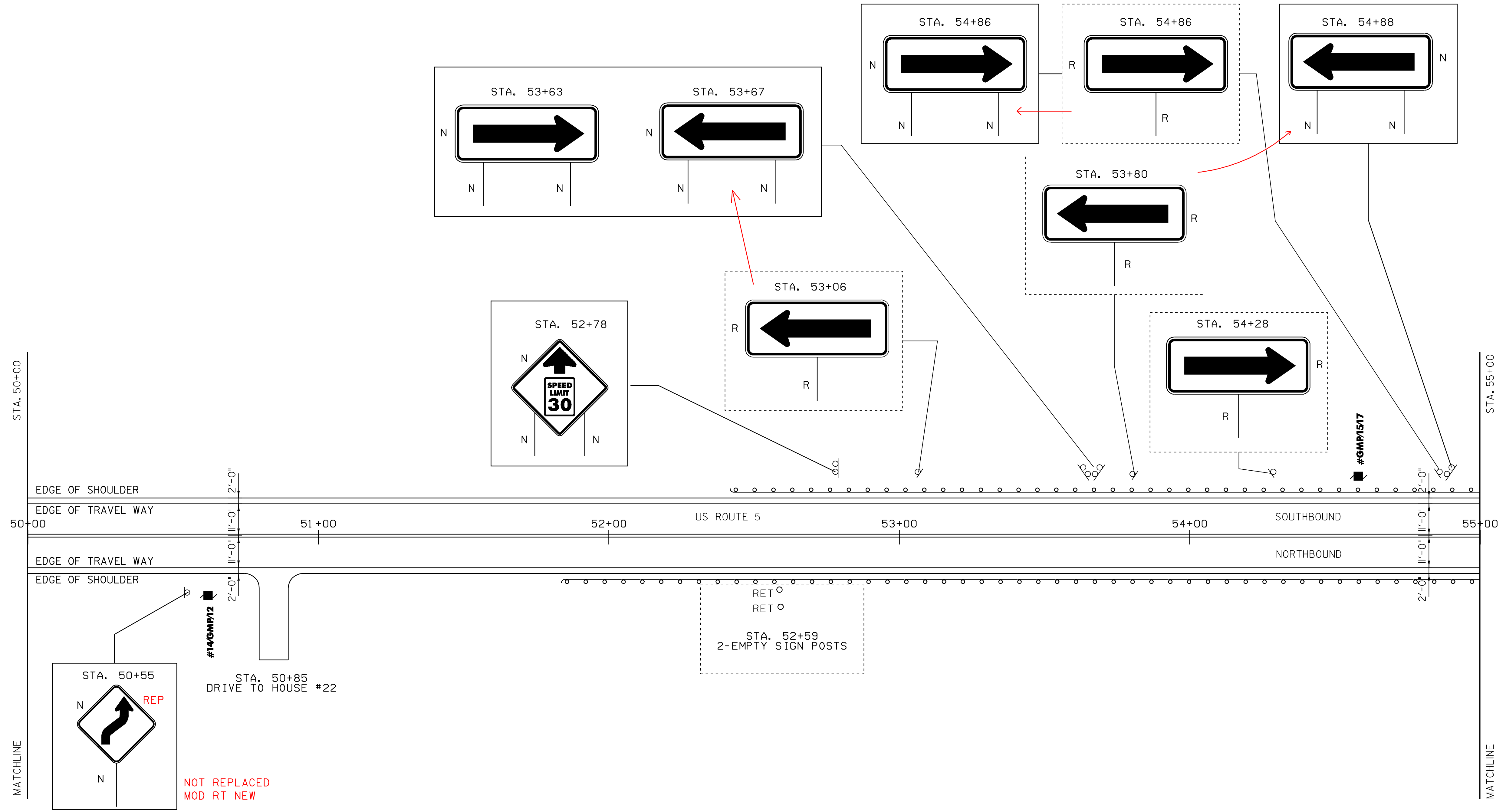


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW



LAYOUT SHEET # 10

PROJECT NAME:	PUTNEY	PLOT DATE:	12-DEC-2008 13:2
PROJECT NUMBER:	STPG SIGN (13)	DRAWN BY:	N. AVERY
FILE NAME:	STPG SIGN (13).DGN	CHECKED BY:	A. GAMBLE
DESIGNED BY:	N. AVERY & M. MILLER	SHEET	12 OF 38
SIGN(13) L10			

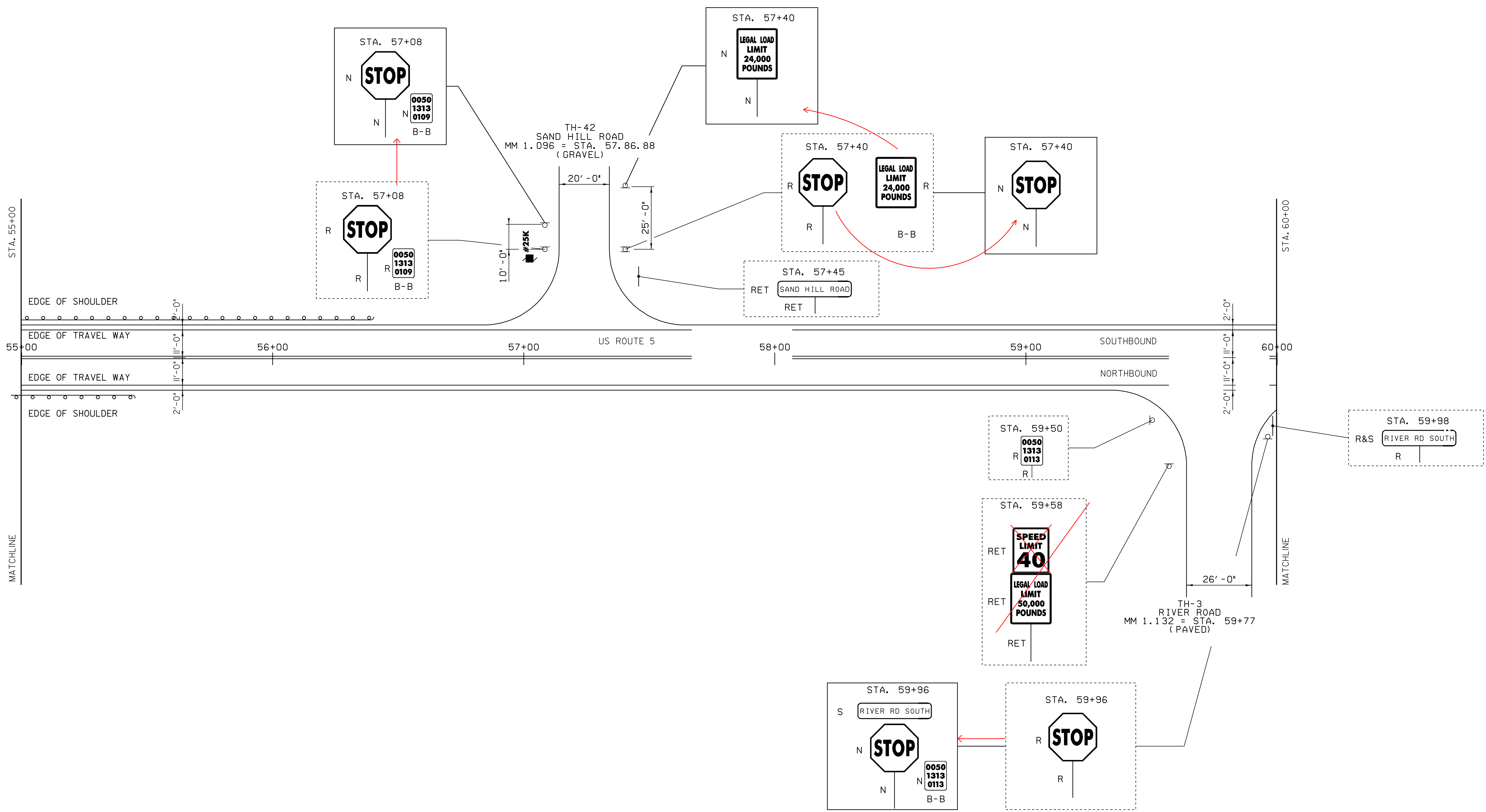


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW



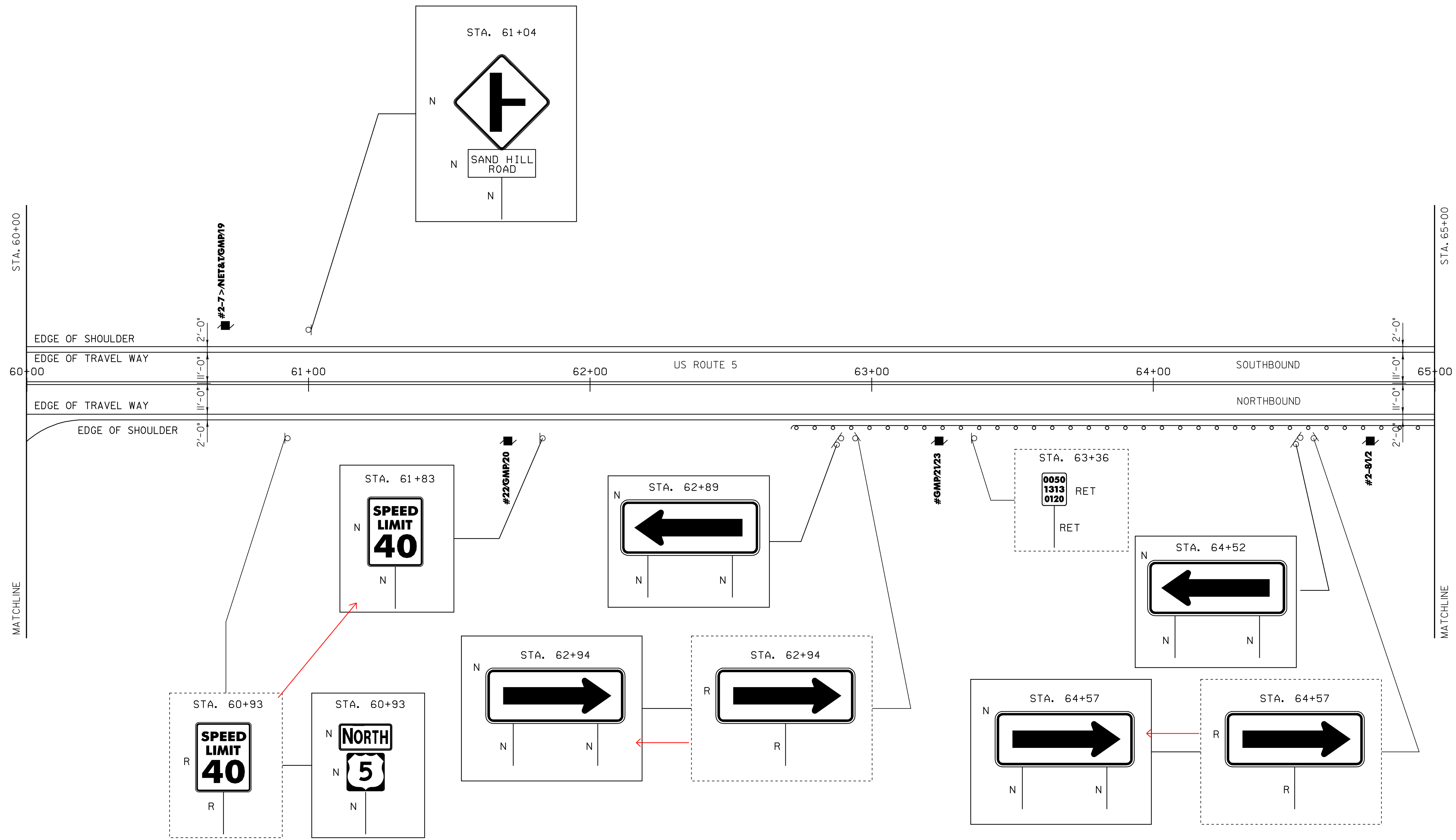
LAYOUT SHEET # II

PROJECT NAME:	PUTNEY	PLOT DATE:	12-DEC-2008 13:22
PROJECT NUMBER:	STPG SIGN (13)	DRAWN BY:	N. AVERY
FILE NAME:	STPG SIGN (13).DGN	CHECKED BY:	A. GAMBLE
PROJECT LEADER:	N. AVERY	SHEET	13 OF 38
DESIGNED BY:	N. AVERY & M. MILLER		
SIGN(13) L11			



LAYOUT SHEET # 12

PROJECT NAME:	PUTNEY
PROJECT NUMBER:	STPG SIGN (13)
FILE NAME:	STPG SIGN (13).DGN
PROJECT LEADER:	N. AVERY
DESIGNED BY:	N. AVERY & M. MILLER
SIGN(13) L12	
PLOT DATE:	12-DEC-2008 13:22
DRAWN BY:	N. AVERY
CHECKED BY:	A. GAMBLE
SHEET	14 OF 38

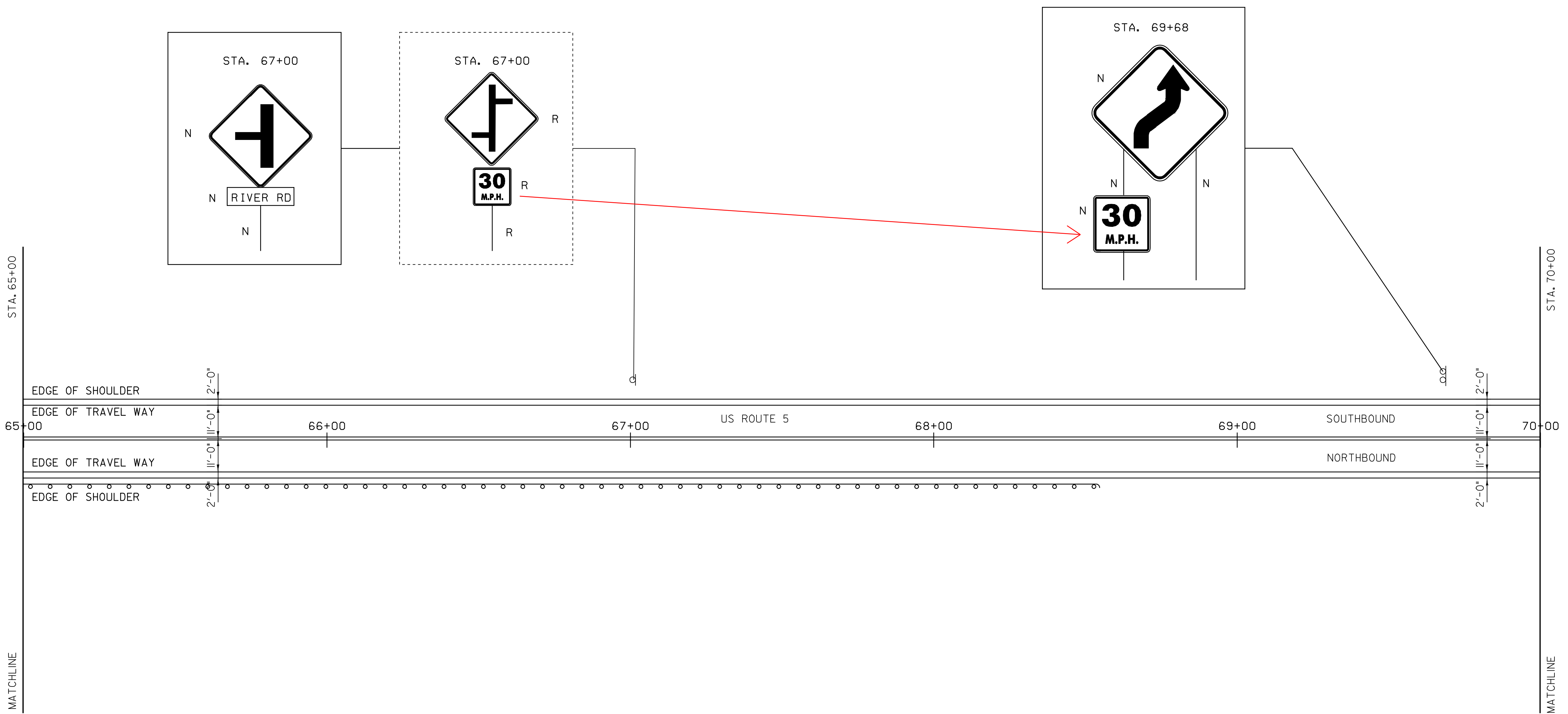


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW



LAYOUT SHEET # 13

PROJECT NAME:	PUTNEY	PLOT DATE:	12-DEC-2008 13:22
PROJECT NUMBER:	STPG SIGN (13)	DRAWN BY:	N. AVERY
FILE NAME:	STPG SIGN (13).DGN	CHECKED BY:	A. GAMBLE
PROJECT LEADER:	N. AVERY	SHEET	15 OF 38
DESIGNED BY:	N. AVERY & M. MILLER		
SIGN(13) L13			

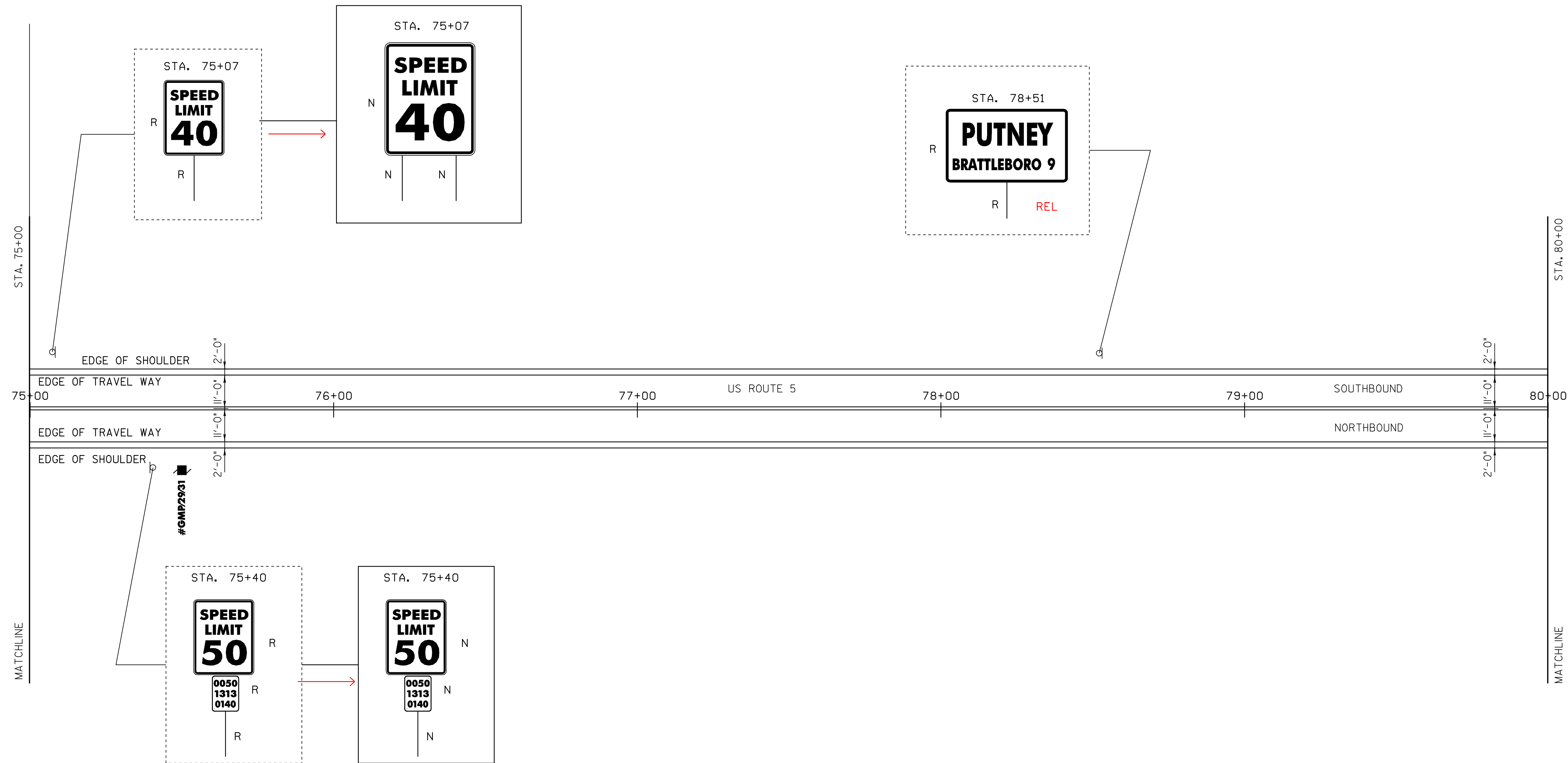


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW



LAYOUT SHEET # 14

PROJECT NAME:	PUTNEY	PLOT DATE:	12-DEC-2008 13:22
PROJECT NUMBER:	STPG SIGN (13)	DRAWN BY:	N. AVERY
FILE NAME:	STPG SIGN (13).DGN	CHECKED BY:	A. GAMBLE
DESIGNED BY:	N. AVERY & M. MILLER	SHEET	16 OF 38
SIGN(13) L14			



LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW

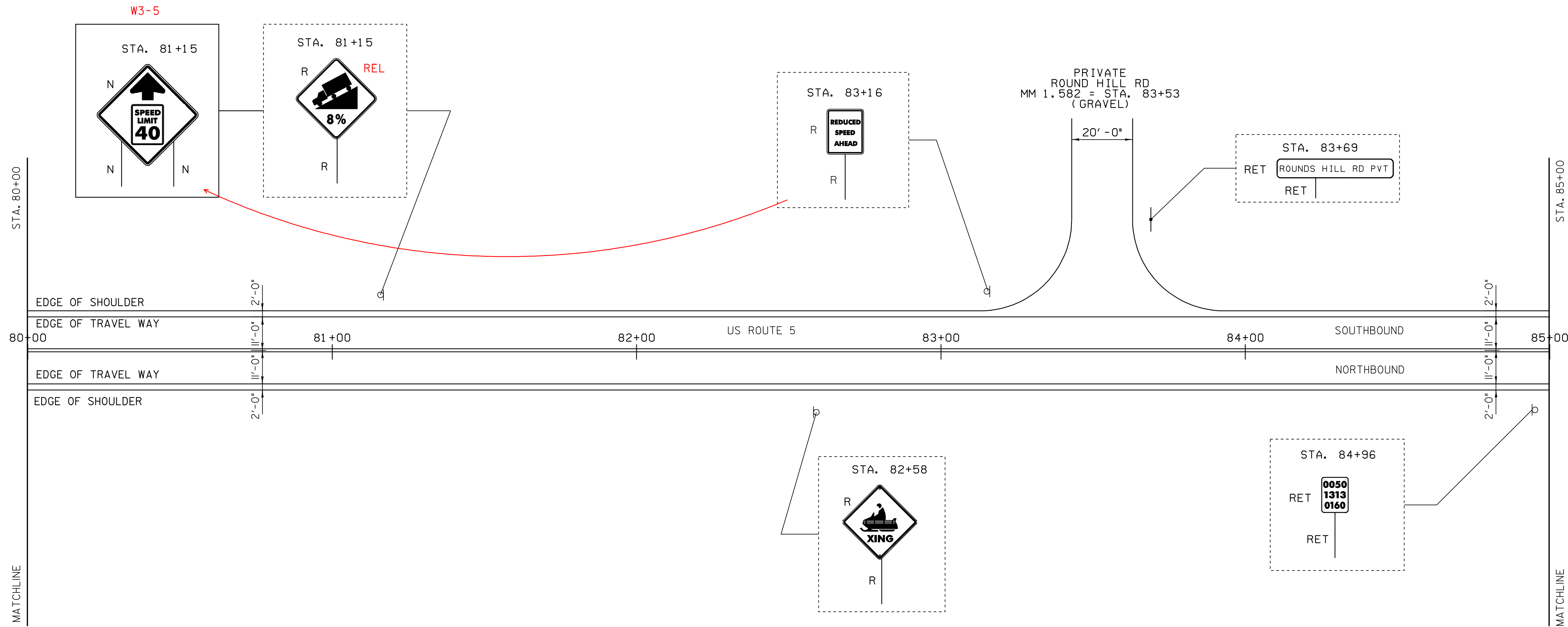


LAYOUT SHEET # 16

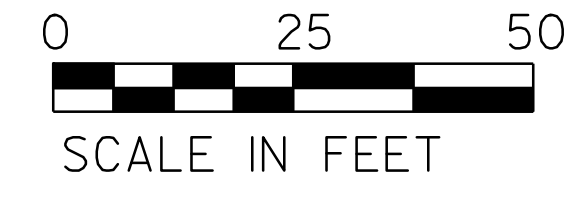
PROJECT NAME: PUTNEY
 PROJECT NUMBER: STPG SIGN (13)

FILE NAME: STPG SIGN (13).DGN
 PROJECT LEADER: N. AVERY
 DESIGNED BY: N. AVERY & M. MILLER
 SIGN(13) L16

PLOT DATE: 12-DEC-2008 13:22
 DRAWN BY: N. AVERY
 CHECKED BY: A. GAMBLE
 SHEET 18 OF 38

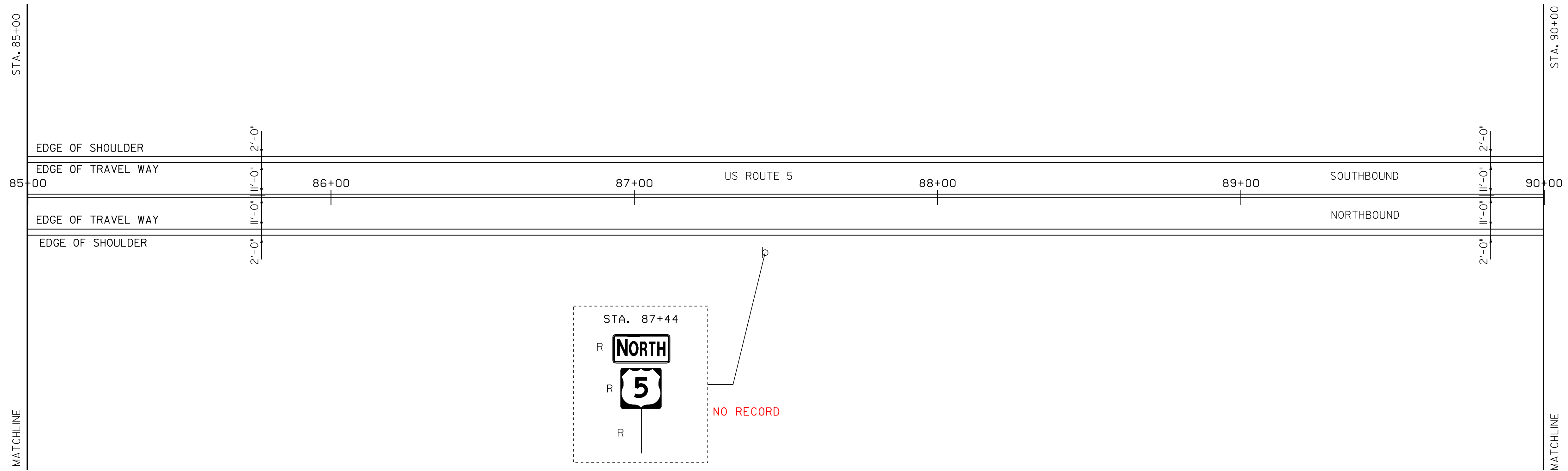


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW

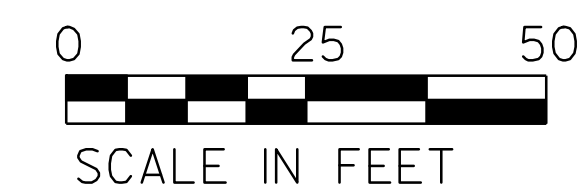


LAYOUT SHEET # 17

PROJECT NAME:	PUTNEY	PLOT DATE:	12-DEC-2008 13:22
PROJECT NUMBER:	STPG SIGN (13)	DRAWN BY:	N. AVERY
FILE NAME:	STPG SIGN (13).DGN	CHECKED BY:	A. GAMBLE
DESIGNED BY:	N. AVERY & M. MILLER	SHEET	19 OF 38
SIGN(13) L17			



LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW



LAYOUT SHEET # 18

PROJECT NAME: PUTNEY
 PROJECT NUMBER: STPG SIGN (13)

FILE NAME: STPG SIGN (13).DGN
 PROJECT LEADER: N. AVERY
 DESIGNED BY: N. AVERY & M. MILLER
 SIGN(13) L18

PLOT DATE: 12-DEC-2008 13:2
 DRAWN BY: N. AVERY
 CHECKED BY: A. GAMBLE
 SHEET 20 OF 38

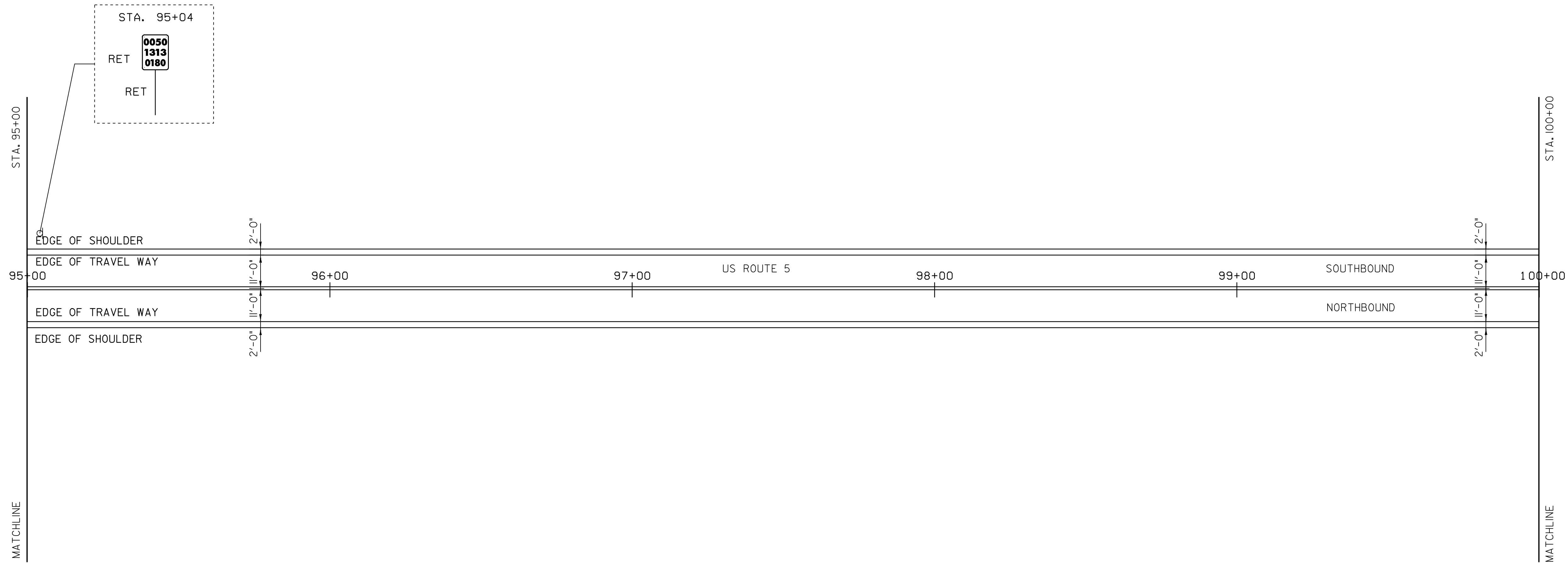


LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW

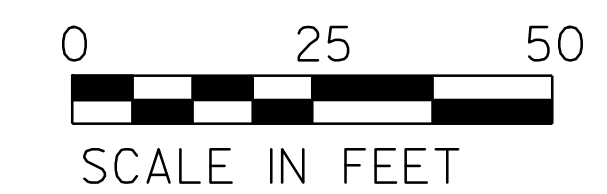


LAYOUT SHEET # 19

PROJECT NAME: PUTNEY	PLOT DATE: 12-DEC-2008 13:2
PROJECT NUMBER: STPG SIGN (13)	DRAWN BY: N. AVERY
FILE NAME: STPG SIGN (13).DGN	CHECKED BY: A. GAMBLE
DESIGNED BY: N. AVERY & M. MILLER	SHEET 21 OF 38
SIGN(13) L19	



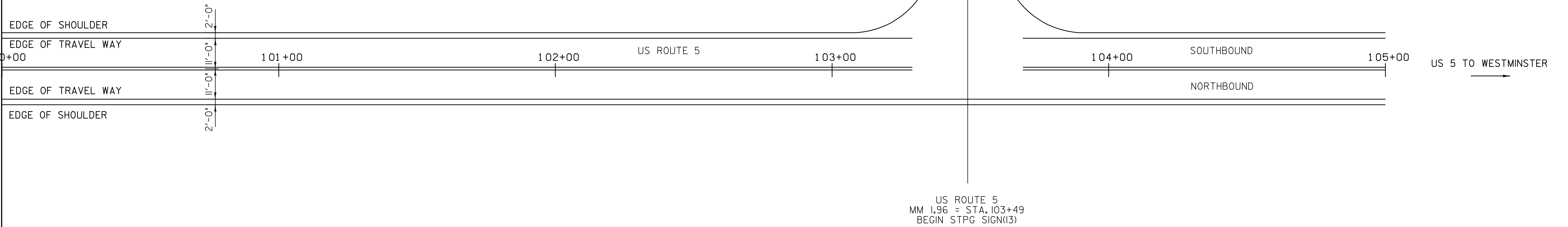
LEGEND:
 N = NEW
 R = REMOVE
 S = SALVAGED
 RET = RETAINED
 ----- = EXISTING
 _____ = NEW



LAYOUT SHEET # 20

PROJECT NAME: PUTNEY	PLOT DATE: 12-DEC-2008 13:22
PROJECT NUMBER: STPG SIGN (13)	DRAWN BY: N. AVERY
FILE NAME: STPG SIGN (13).DGN	CHECKED BY: A. GAMBLE
DESIGNED BY: N. AVERY & M. MILLER	SHEET 22 OF 38
SIGN(13)L20	

STA. 100+00
MATCHLINE



LEGEND:
N = NEW
R = REMOVE
S = SALVAGED
RET = RETAINED
----- = EXISTING
_____ = NEW



LAYOUT SHEET # 21

PROJECT NAME:	PUTNEY	PLOT DATE:	12-DEC-2008 13:2
PROJECT NUMBER:	STPG SIGN (13)	DRAWN BY:	
FILE NAME:	STPG SIGN (13).DGN	CHECKED BY:	
DESIGNED BY:		SHEET	23 OF 38
SIGN(13) L21			

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL				
		EA	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS			FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL		REQUIRE		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
											1.2	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE					WEIGHT	POST SIZE	
																									lb/ft							lb/ft
0+00 RT		1	24	30	5.00					1					X												R2-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
0+00LT		1	24	30	5.00					1					X												R2-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
0+00 RT		1	60	7.5	3.13					1					X												VD-024		E-124 E-128B			
		1	6	10	0.42																						VD-700		E-138			
		1	6	10	0.42																						VD-700		E-138			
1+73 LT										1					X												SALVAGED SIGN TO BE MOUNTED ABOVE STOP SIGN ON A NEW POST					
		1	30	30	6.25																						R1-1 BACK-TO-BACK WITH VD-700 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL		E-138			
		1	6	10	0.42																											
2+18 LT		1	24	30	5.00					1					X												VR-017		E-141			
2+91 RT		1	24	12	2.00					1					X												M4-5 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
		1	24	12	2.00																						M3-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
		1	24	24	4.00																						M1-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
		1	21	15	2.19																						M5-1R SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		FT	FT	FT	FT	FT	EA	LB	LB	LB	EA.	LB	EA.	EA.	LB
	35.83		1						86.0										
									86.0										
									62 FT										

PROJECT NAME:	PUTNEY	PLOT DATE:	I2-DEC-2008 13:2
PROJECT NUMBER:	STPG SIGN (13)	DRAWN BY:	N. AVERY
FILE NAME:	STPG SIGN (13).DGN	CHECKED BY:	A. GAMBLE
PROJECT LEADER:	N. AVERY	SIGN(13)TSSOI	SHEET 24 OF 38

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST RETAIN	SALVAGE	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL				
		EA	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS				FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL		REQUIRE		DETAIL ON SHEET NUMBER	STD. SHEET NUMBER			
												1.2	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	24"					30"	WEIGHT	POST SIZE
11+65 LT		1	24	12	2.00						1																M4-5 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL						
		1	24	12	2.00																						M3-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL						
		1	24	24	4.00																						M1-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL						
		1	21	15	2.19																						M6-1R SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL		E-138				
12+61 RT		1	24	30	5.00						1																R2-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL						
13+83 LT	TRAVEL INFORMATION										2																	SALVAGE SIGNS AND INSTALL ON NEW POSTS					
	TRAVEL INFORMATION																												SALVAGE SIGNS AND INSTALL ON NEW POSTS				
14+67 RT		1	30	30	6.25						1																	W11-2 USE TYPE IX SHEETING AND BLACK/ YELLOW-GREEN COLOR SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
		1	24	18	3.00																							W7-3A USE TYPE IX SHEETING AND BLACK/ YELLOW-GREEN COLOR SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
14+83 LT		1	12	18	1.50						1																	VR-223		36/38			
19+47 RT																																	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		FT	FT	FT	FT	FT	EA	LB	LB	LB	EA.	LB	EA.	EA.	LB
	25.94		1	16.6					88.0										
									88.0	68									

PROJECT NAME: PUTNEY
PROJECT NUMBER: STPG SIGN (13)
FILE NAME: STPG SIGN (13).DGN
PROJECT LEADER: N. AVERY
DESIGNED BY: N. AVERY & M. MILLER
SIGN(13)TSS04
PLOT DATE: 12-DEC-2008 13:2
DRAWN BY: N. AVERY
CHECKED BY: A. GAMBLE
SHEET 27 OF 38

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL			
		EA	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS			RETAIN	SALVAGE	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL		REQUIRE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER	
													lb/ft	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE	WEIGHT					POST SIZE
19+68 RT	OLD DEPOT RD						1			1					X													SALVAGED SIGN TO BE MOUNTED ABOVE STOP SIGN ON A NEW POST			
		1	30	30	6.25																							R1-1 BACK-TO-BACK WITH VR-017 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL		E-141	
20+27 RT		1	30	30	6.25					1				X														R1-1 BACK-TO-BACK WITH VD-700 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL		E-138	
22+09 RT		1	24	30	5.00					1				X														R2-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL			
		1	12	18	1.50																							VR-223		36/38	
22+19 LT		1	12	18	1.50					1				X														VR-345M R		36/38	
22+51 LT		1	30	30	6.25					1				X														R1-1 BACK-TO-BACK WITH VD-700 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL		E-138	
23+06 LT		1	30	30	6.25					1				X														R1-1 BACK-TO-BACK WITH VR-017 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL		E-141	
		1	24	30	5.00																							R2-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL			
26+55 RT		1	12	18	1.50					1				X														VR-223		36/38	

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

TOTALS

SF	SF	EA.	SF		FT	FT	FT	FT	FT	EA.	LB	LB	LB	EA.	EA.	LB
50.34		1						98.0								
								98.00 74								

PROJECT NAME:	PUTNEY	
PROJECT NUMBER:	STPG SIGN (13)	
FILE NAME:	STPG SIGN (13).DGN	PLOT DATE: 12-DEC-2008 13:2
PROJECT LEADER:	N. AVERY	DRAWN BY: N. AVERY
DESIGNED BY:	N. AVERY & M. MILLER	CHECKED BY: A. GAMBLE
SIGN(13)TSS05		SHEET 28 OF 38

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS		NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL				
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN			SALV TIS	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL			REQUIRE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER		
											1.2	2.0	3.0	1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE					WEIGHT	POST SIZE
35+80 RT		1	30	30	6.25				1					X												W11-2 B-B WITH W11-2 SIGNS TO BE TYPE IX SHEETING BLACK/ YELLOW-GREEN SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
		1	24	12	2.00																					W16-7P L B-B WITH W16-7P R SIGNS TO BE TYPE IX SHEETING BLACK/ YELLOW-GREEN SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
37+76 RT	WATER ST	1	24	9	1.50				1					X												STREET SIGN TO BE MOUNTED ABOVE STOP SIGN ON A NEW POST		E-123			
		1	30	30	6.25																					R1-1 B-B WITH VR-017 & MILE MARKER SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL		E-141			
		1	24	30	5.00																										
		1	6	10	0.42																					VD-700		E-138			
37+56 LT	THIS SIGN WAS MOVE TO CORRECT SIDE AS THERE WAS ROOM. 1 NEW POST								1																						
39+28 RT		1	30	30	6.25				1					X												W11-2 SIGN TO BE TYPE IX SHEETING AND COLORED BLACK/ YELLOW-GREEN SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
		1	24	12	2.00																					W16-7P SIGN TO BE TYPE IX SHEETING AND COLORED BLACK/ YELLOW-GREEN SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
40+44 LT		1	30	30	6.25				1					X												W11-2 SIGN TO BE TYPE IX SHEETING AND COLORED BLACK/ YELLOW-GREEN SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
		1	24	12	2.00																					W16-7P SIGN TO BE TYPE IX SHEETING AND COLORED BLACK/ YELLOW-GREEN SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
43+77 RT		1	24	12	2.00				1					X												M3-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					
		1	24	24	4.00																					M1-4 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

TOTALS	SF	SF	EA.	SF		FT	FT	FT	FT	FT	EA	LB	LB	LB	EA.	LB	EA.	EA.	LB
	52.17								70.0										

PROJECT NAME: PUTNEY
PROJECT NUMBER: STPG SIGN (13)
FILE NAME: STPG SIGN (13).DGN PLOT DATE: 12-DEC-2008 13:2
PROJECT LEADER: N. AVERY DRAWN BY: N. AVERY
DESIGNED BY: N. AVERY & M. MILLER CHECKED BY: A. GAMBLE
SIGN(13)TSS08 SHEET 31 OF 38

TRAFFIC SIGN SUMMARY SHEET

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST	NO. OF POSTS	NEW SIGN POSTS																REMARKS	SIGN DETAIL						
		E A	WIDTH (In)	HEIGHT (In)	"A"	"B"	SALV SIGN	SALV TIS			RETAIN	SALVAGE	FLANGED CHANNEL			SQUARE STEEL (In)			TUBULAR ALUMINUM Ø (In)			TUBULAR STEEL Ø (In)				W-SHAPE STEEL		REQUIRE	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER				
													lb/ft			1.75	2.0	2.5	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0					FTG. SIZE		WEIGHT	POST SIZE
													1.12	2.0	3.0	1.88	2.16	3.35	1.3	1.7	1.7		lb/ft								24"	30"		
46+73 LT		1	24	30	5.00					1				X													R2-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL							
		1	12	18	1.50																						VR-223	36/38						
46+89 RT		1	24	30	5.00					1				X													R2-1 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL							
49+18 LT		1	30	30	6.25					1				X													W11-2 SIGN TO BE TYPE IX SHEETING AND COLORED BLACK/ YELLOW-GREEN SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL							
		1	24	12	2.00																						W16-9P SIGN TO BE TYPE IX SHEETING AND COLORED BLACK/ YELLOW-GREEN SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL							
50+55 RT		1	30	30	6.25					1				X													W1-4R SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL							
52+78 LT		1	36	36	9.00					2				X													W3-5 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL							
53+63 LT		1	48	24	8.00					2				X													W1-6 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL							
53+67 LT		1	48	24	8.00					2				X													W1-6 SEE 2004 STANDARD HIGHWAY SIGN BOOK FOR SIGN DETAIL							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND THE TRAFFIC & SAFETY DIVISION'S "SIGN POST DESIGN GUIDELINE."

TOTALS

SF	SF	EA.	SF		FT	FT	FT	FT	FT	EA.	LB	LB	LB	EA.	LB	EA.	EA.	LB
51.00								140.0										

PROJECT NAME:	PUTNEY	
PROJECT NUMBER:	STPG SIGN (13)	
FILE NAME:	STPG SIGN (13).DGN	PLOT DATE: 12-DEC-2008 13:2
PROJECT LEADER:	N. AVERY	DRAWN BY: N. AVERY
DESIGNED BY:	N. AVERY & M. MILLER	CHECKED BY: A. GAMBLE
SIGN(13)TSS09		SHEET 32 OF 38

Table 6H-2. Meaning of Symbols on Typical Application Diagrams

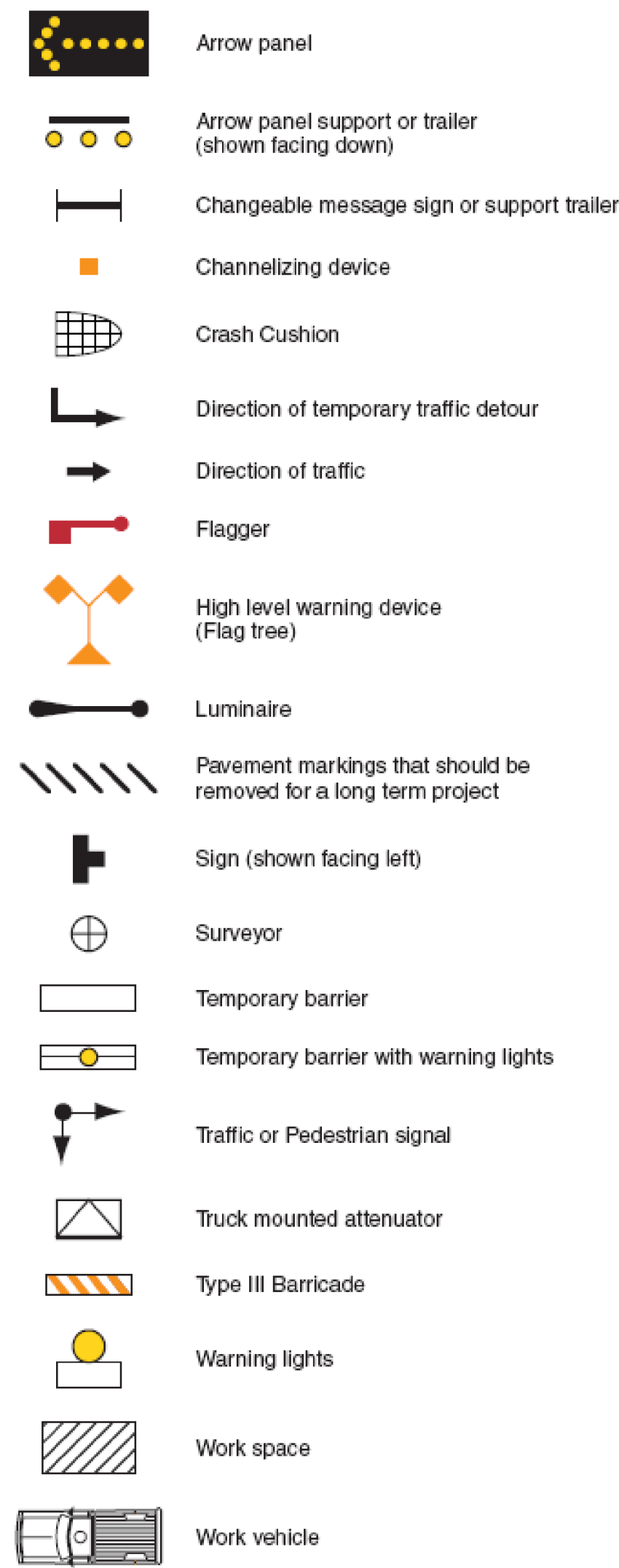


Figure 6E-1. Use of Hand-Signaling Devices by Flaggers

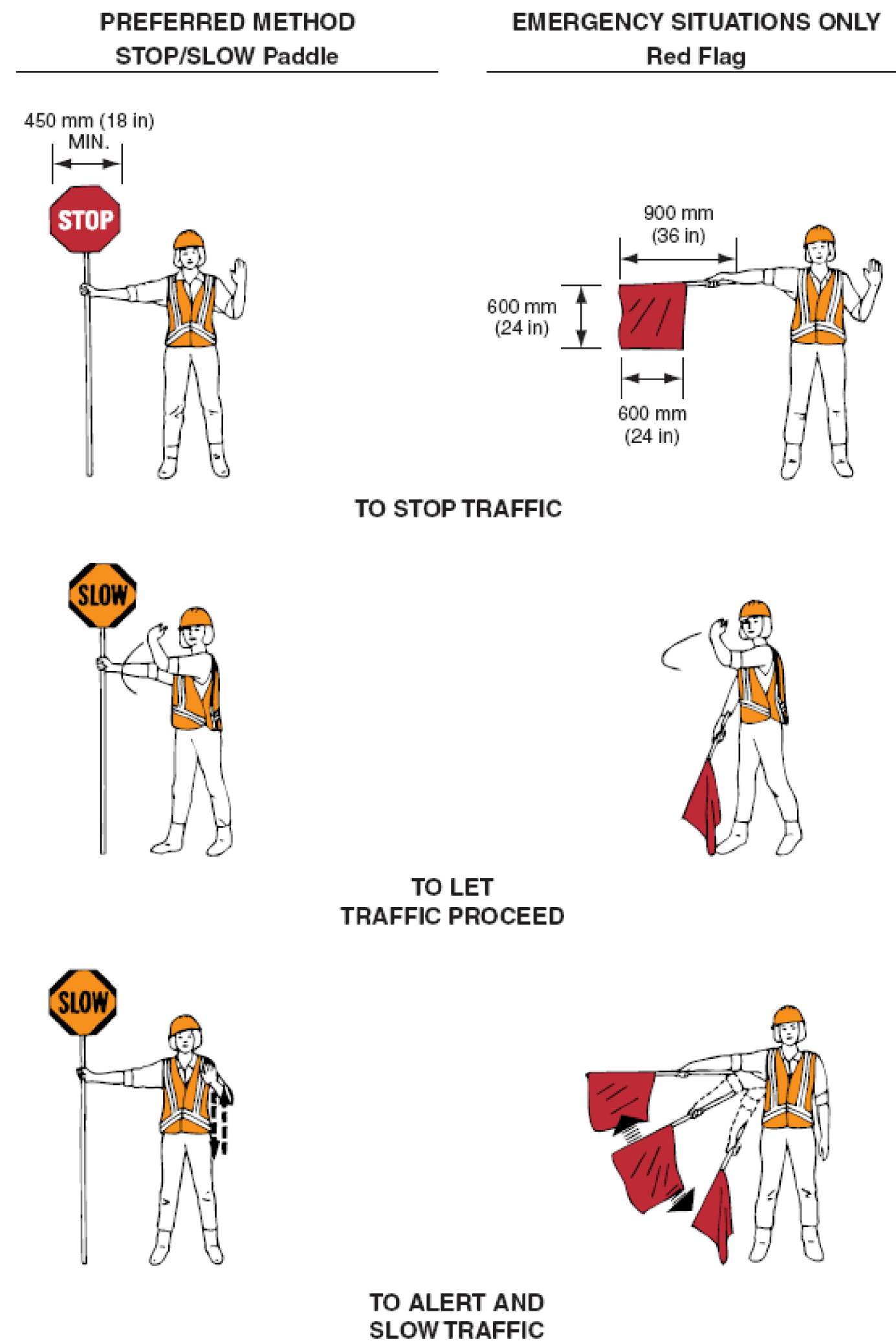


Figure 6C-2. Types of Tapers and Buffer Spaces

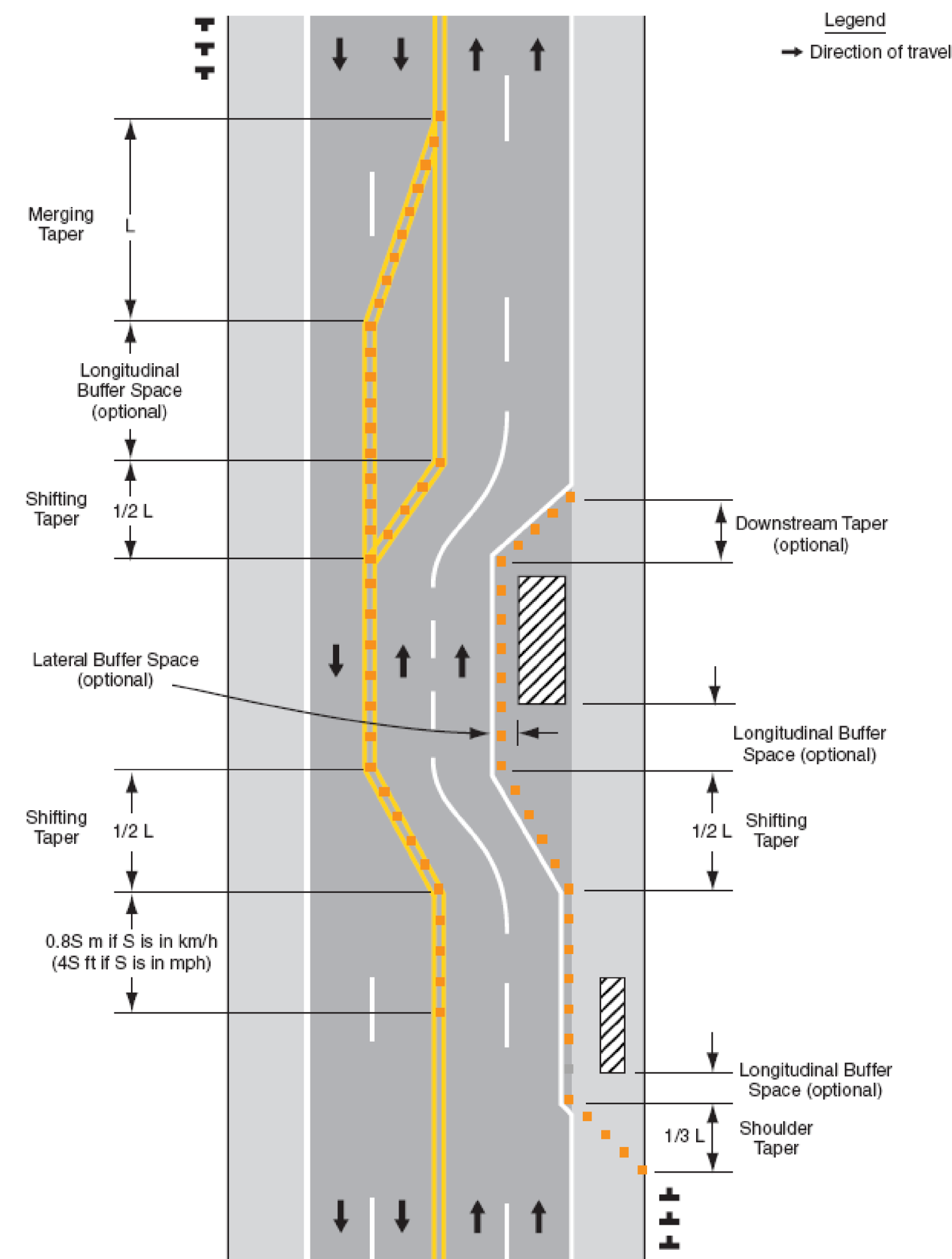


Figure 6H-1. Work Beyond the Shoulder (TA-1)

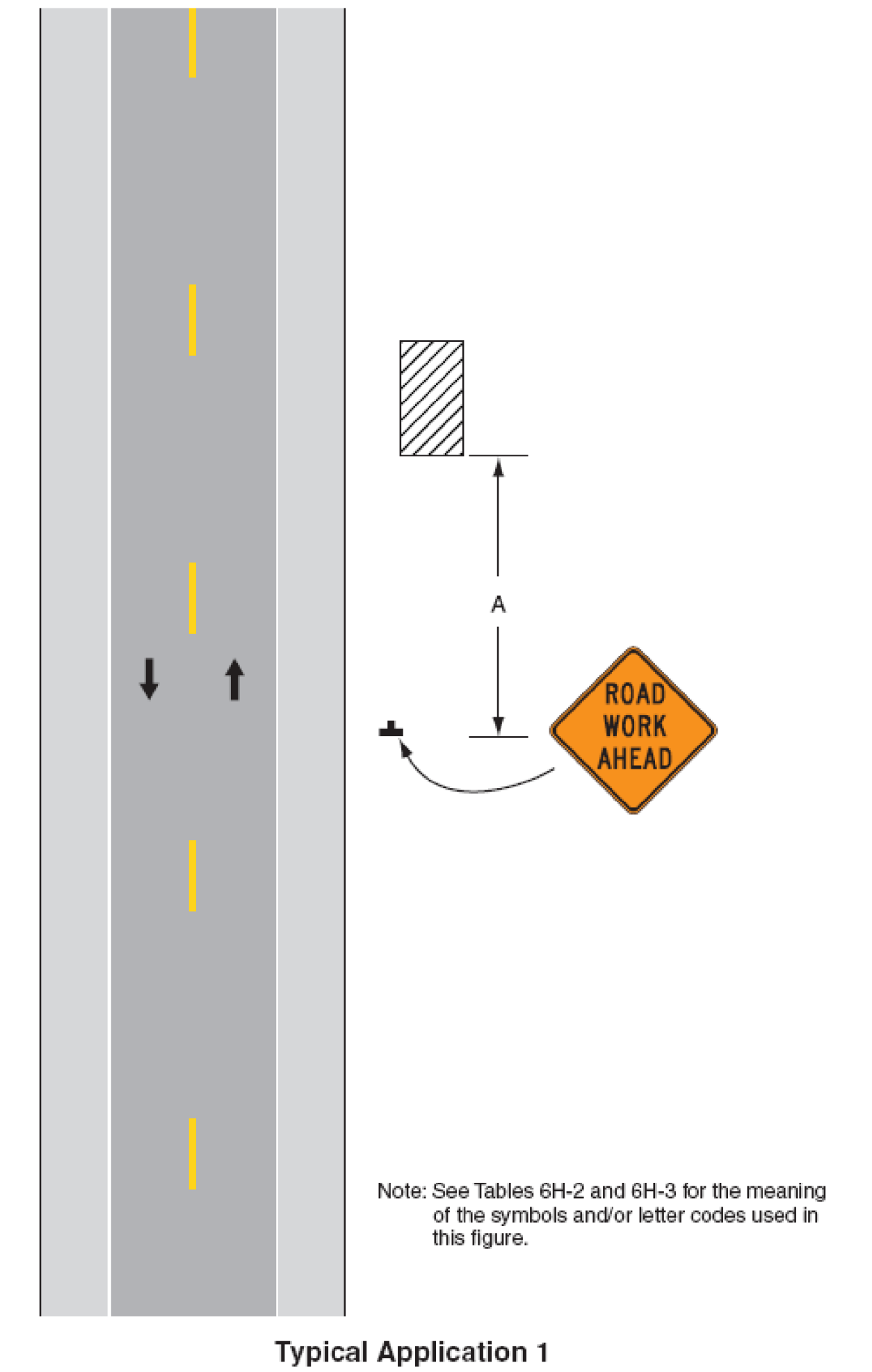


Table 6C-3. Taper Length Criteria for Temporary Traffic Control Zones

Type of Taper	Taper Length (L)*
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	30 m (100 ft) maximum
Downstream Taper	30 m (100 ft) per lane

Table 6H-3. Meaning of Letter Codes on Typical Application Diagrams

Road Type	Distance Between Signs**		
	A	B	C
Urban (low speed)*	30 (100)	30 (100)	30 (100)
Urban (high speed)*	100 (350)	100 (350)	100 (350)
Rural	150 (500)	150 (500)	150 (500)
Expressway / Freeway	300 (1,000)	450 (1,500)	800 (2,640)

* Speed category to be determined by highway agency
 ** Distances are shown in meters (feet). The column headings A, B, and C are the dimensions shown in Figures 6H-1 through 6H-46. The A dimension is the distance from the transition or point of restriction to the first sign. The B dimension is the distance between the first and second signs. The C dimension is the distance between the second and third signs. (The third sign is the first one in a three-sign series encountered by a driver approaching a TTC zone.)

Figure 6F-7. Channelizing Devices (Sheet 1 of 2)

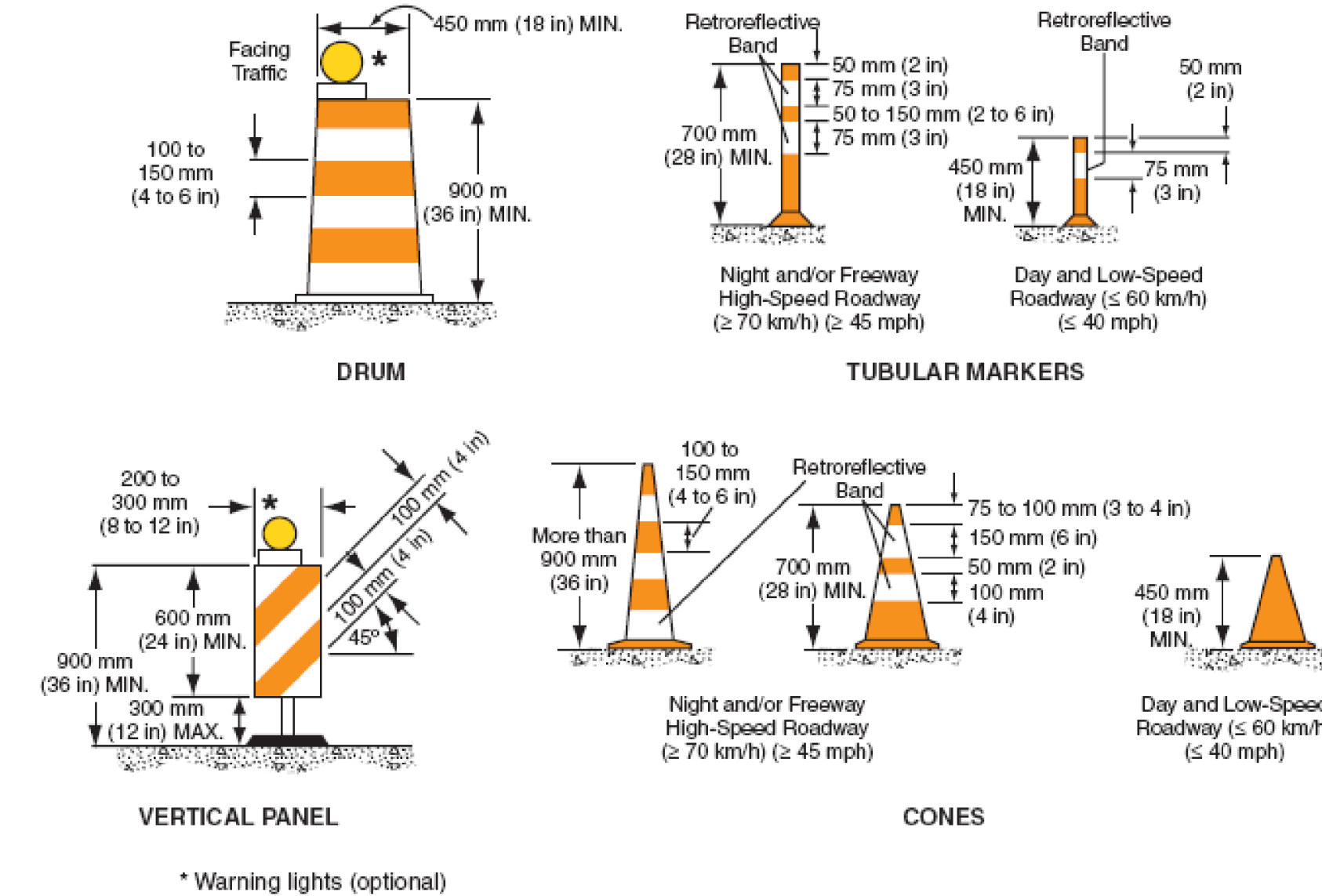


Table 6C-4. Formulas for Determining Taper Lengths

Speed Limit (S)	Taper Length (L) Meters	Speed Limit (S)	Taper Length (L) Feet
60 km/h or less	$L = \frac{WS^2}{155}$	40 mph or less	$L = \frac{WS^2}{60}$
70 km/h or more	$L = \frac{WS}{1.6}$	45 mph or more	$L = WS$

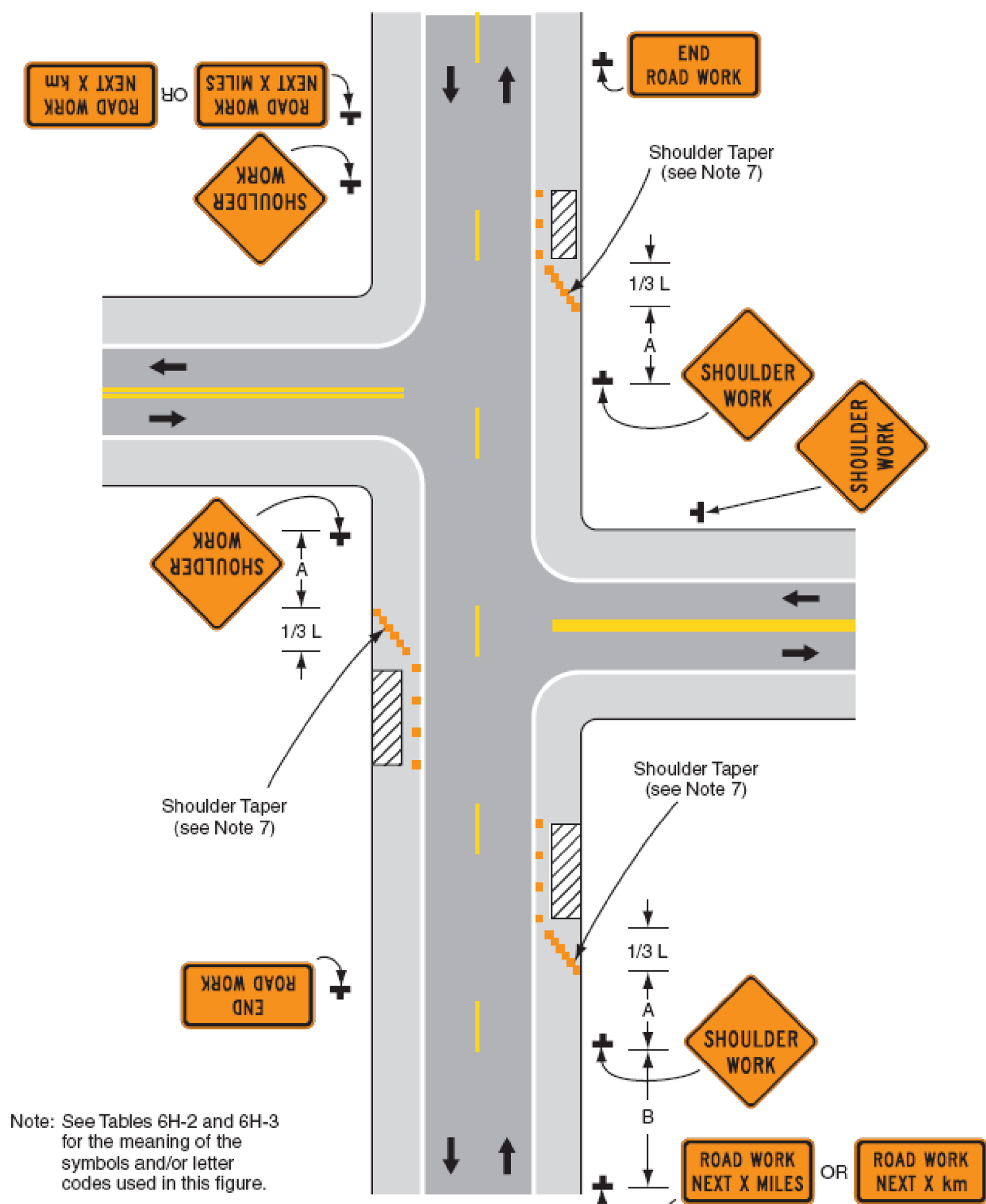
Where: L = taper length in meters (feet)
 W = width of offset in meters (feet)
 S = posted speed limit, or off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in km/h (mph)

NOTE:
 ALL TYPICAL APPLICATIONS TAKEN FROM PART #6
 OF THE 2003 EDITION OF THE MANUAL ON UNIFORM
 TRAFFIC CONTROL DEVICES

PROJECT NAME:	PUTNEY	
PROJECT NUMBER:	STPG SIGN (I3)	
FILE NAME:	STPG SIGN (I3).DGN	PLOT DATE: 12-DEC-2008 13:2
PROJECT LEADER:	N. AVERY	DRAWN BY: N. AVERY
DESIGNED BY:	N. AVERY & M. MILLER	CHECKED BY: A. GAMBLE
SIGN(I3)TTCOI		SHEET 37 OF 38

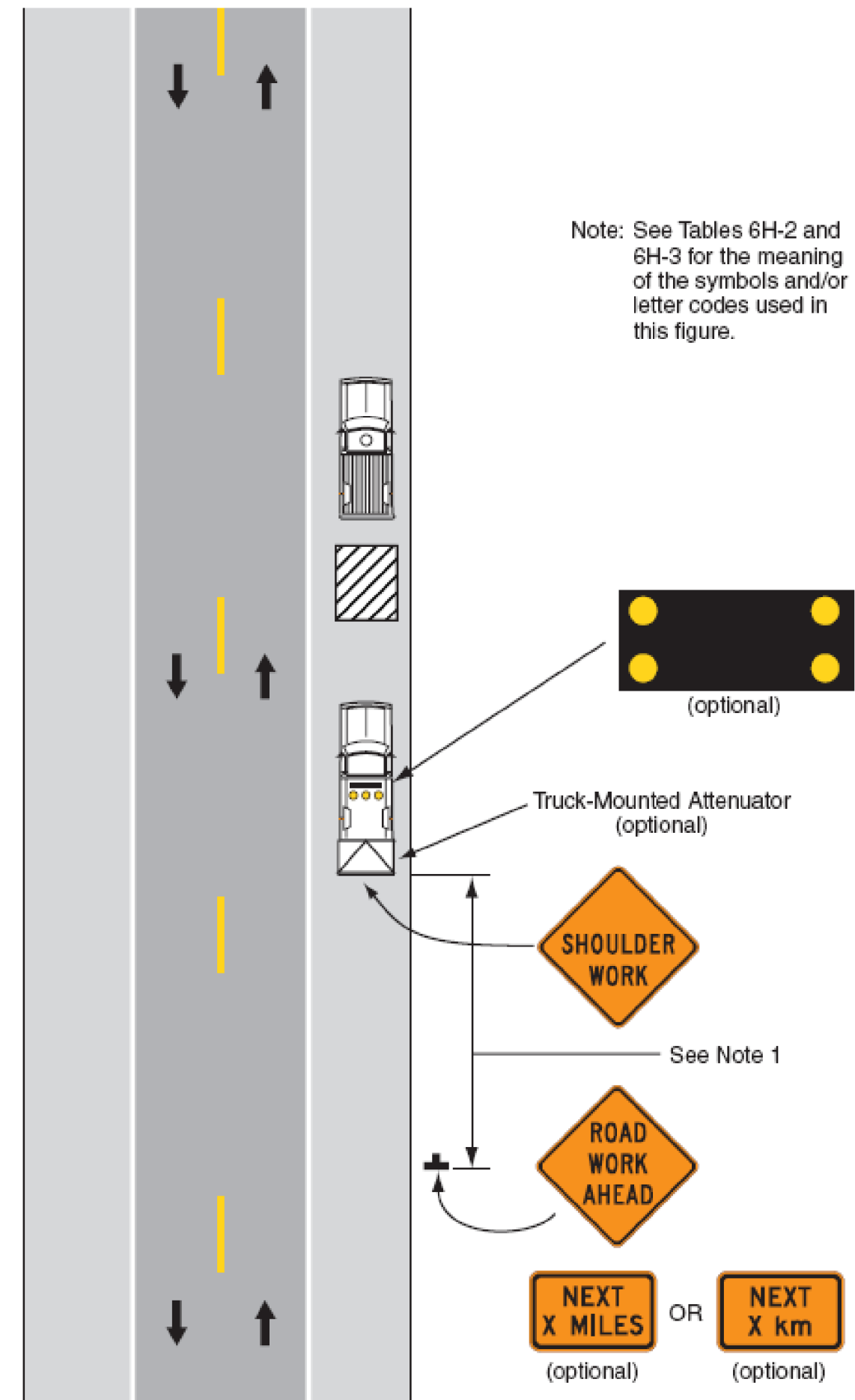
Note: If drums, cones, or tubular markers are used to channelize pedestrians, they shall be located such that there are no gaps between the bases of the devices, in order to create a continuous bottom, and the height of each individual drum, cone, or tubular marker shall be no less than 900 mm (36 in) to be detectable to users of long canes.

Figure 6H-3. Work on Shoulders (TA-3)



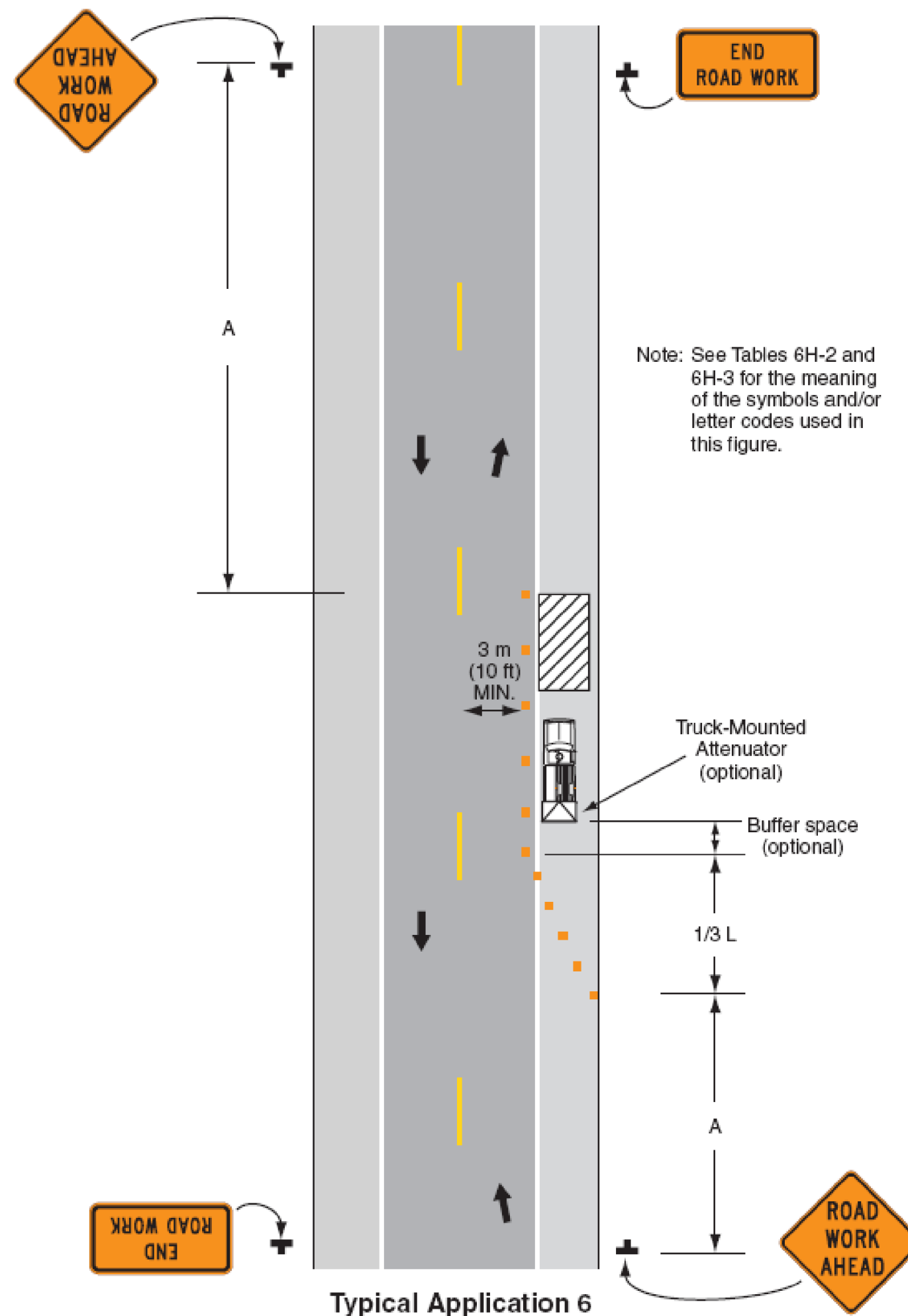
Typical Application 3

Figure 6H-4. Short-Duration or Mobile Operation on Shoulder (TA-4)



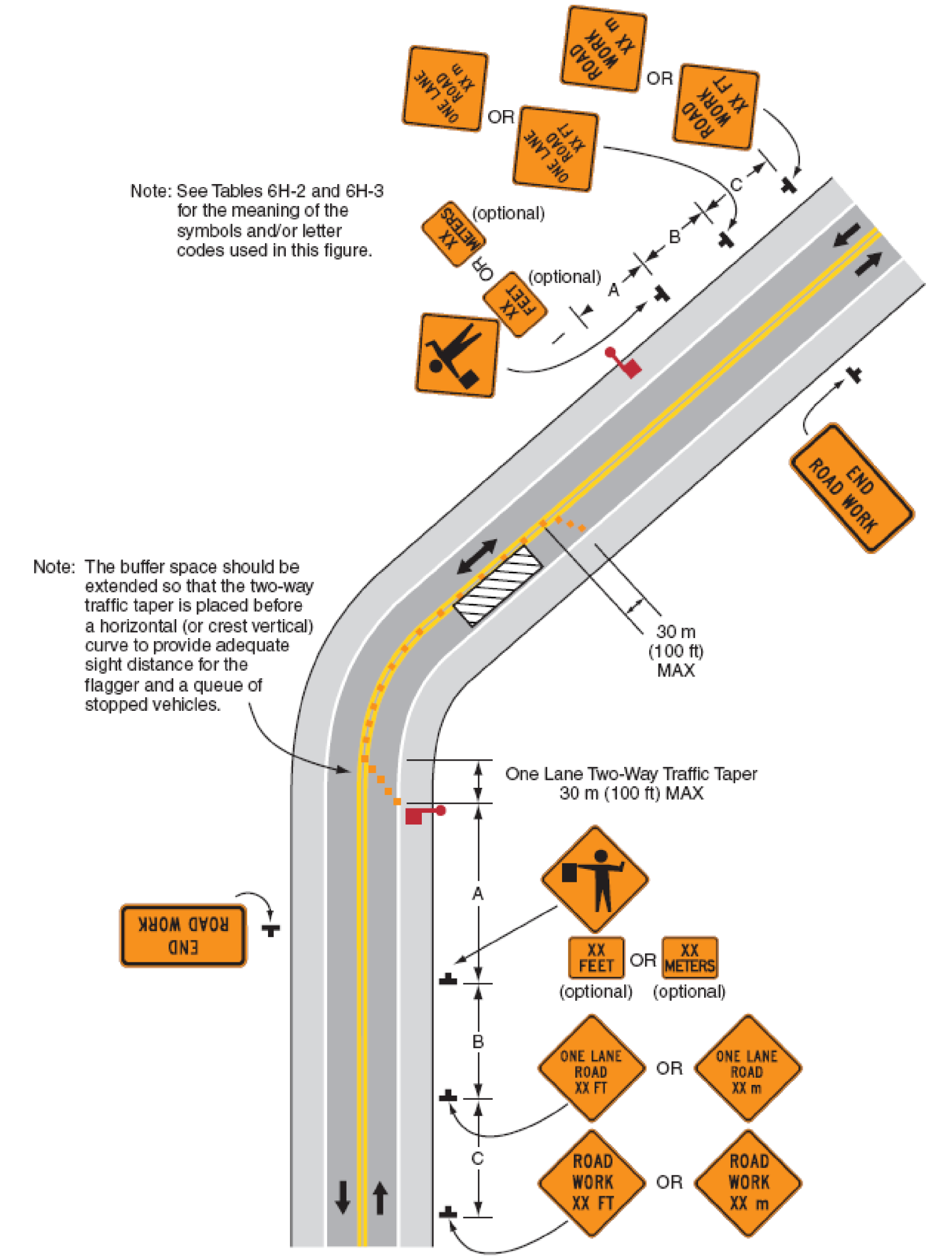
Typical Application 4

Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)



Typical Application 6

Figure 6H-10. Lane Closure on Two-Lane Road Using Flaggers (TA-10)



Typical Application 10

NOTE:
ALL TYPICAL APPLICATIONS TAKEN FROM PART #6
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TRAFFIC CONTROL DEVICES

PROJECT NAME:	PUTNEY	
PROJECT NUMBER:	STPG SIGN (13)	
FILE NAME:	STPG SIGN (13).DGN	PLOT DATE: 12-DEC-2008 13:2
PROJECT LEADER:	N. AVERY	DRAWN BY: N. AVERY
DESIGNED BY:	N. AVERY & M. MILLER	CHECKED BY: A. GAMBLE
SIGN(13)TTC02		SHEET 38 OF 38