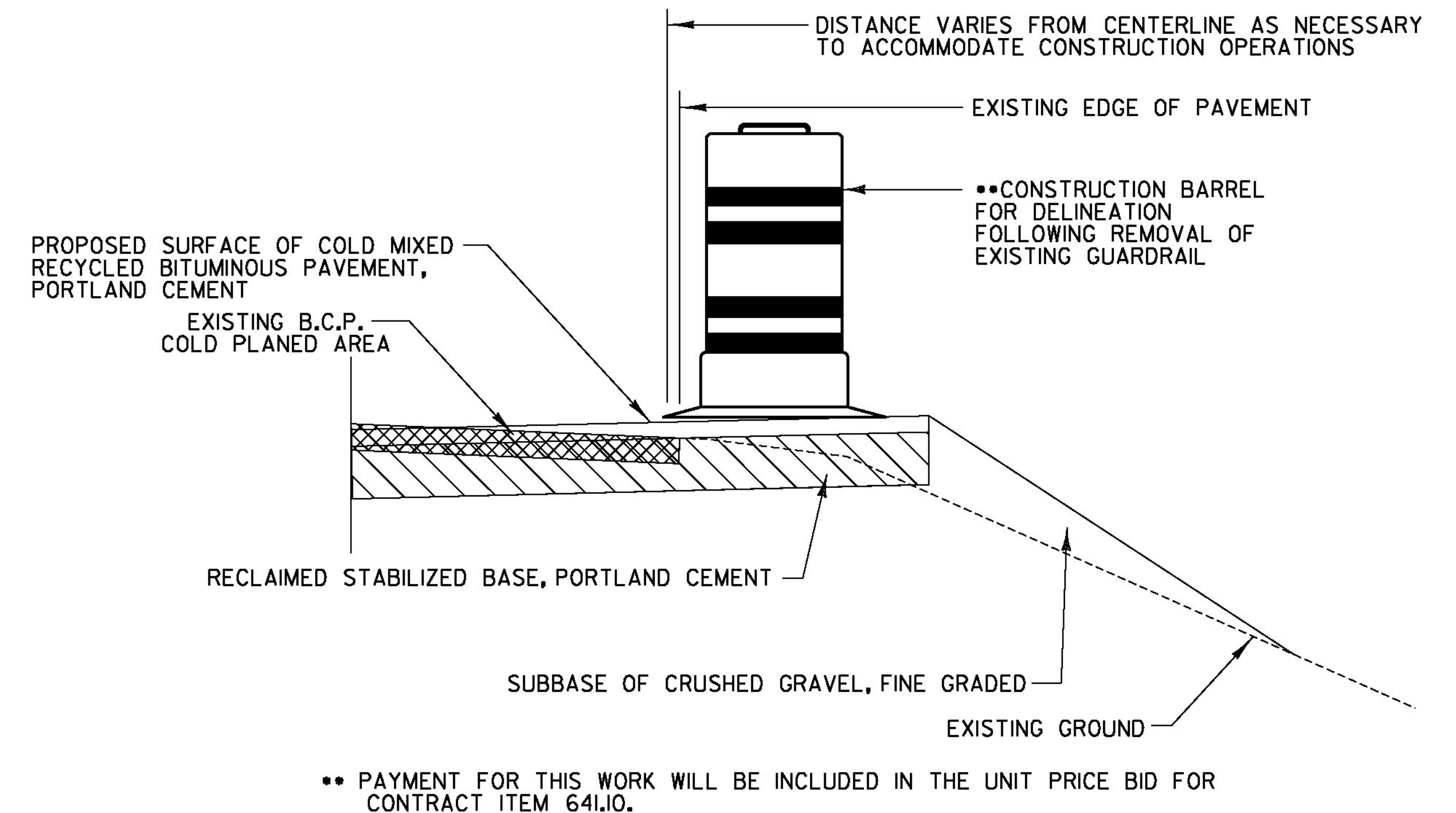
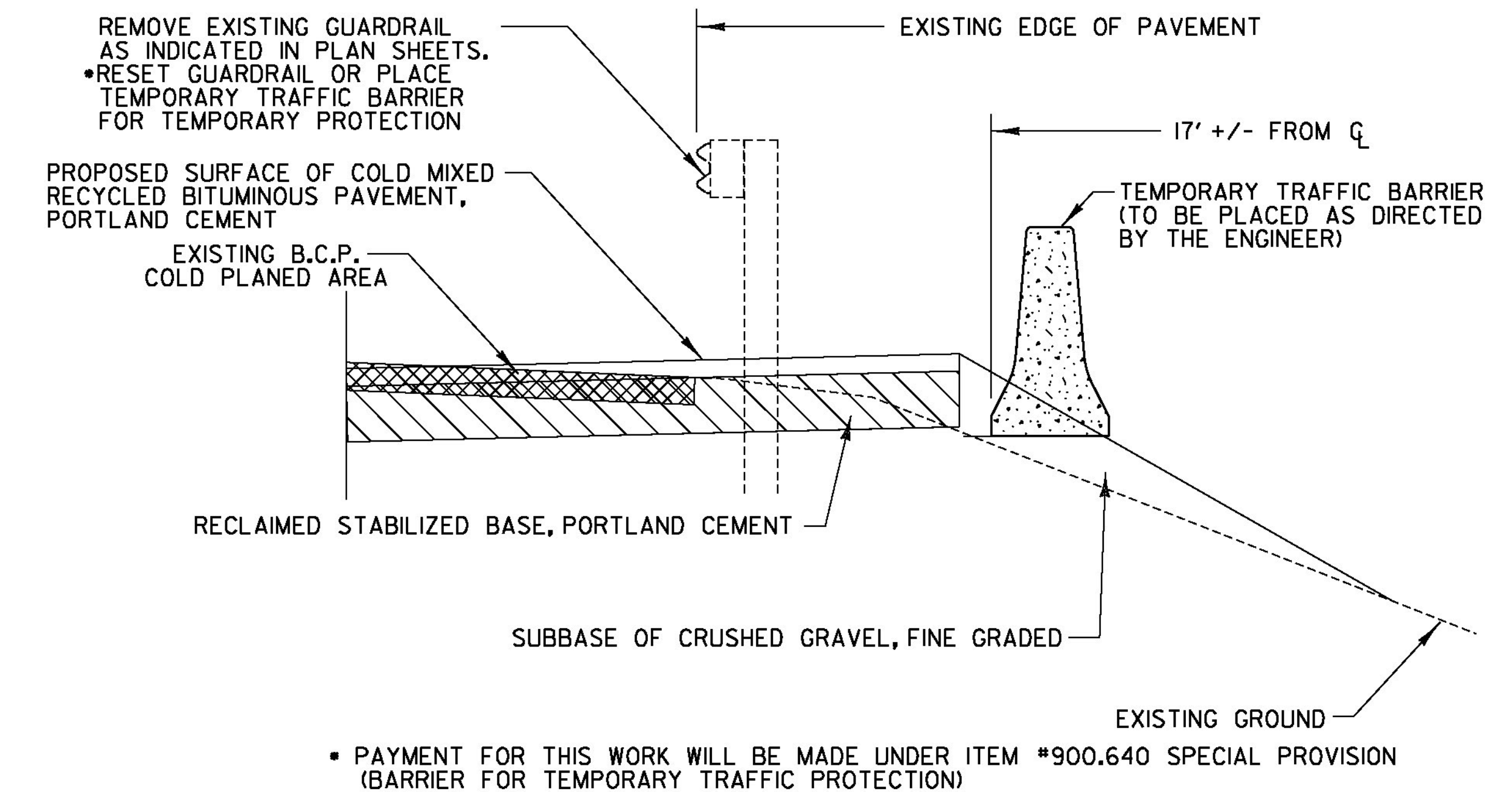


# CONSTRUCTION OPERATIONS TRAFFIC PROTECTION PLAN

EXISTING GUARDRAIL INVENTORY									PROTECTION PLAN	
BEGIN STA.	END STA.	OFFSET	LENGTH (LF)	RETAIN/REPLACE (Y/N)	APPROX OFFSET DISTANCE FROM PROPOSED CENTERLINE TO FACE OF EXISTING RAIL (LF)	HAZARD TYPE	EXISTING RAIL TYPE (POST AND BARRIER)	ASSESSED CONDITION (GOOD/FAIR/POOR)	CONSTRUCTION CONDITION	900.640 BARRIER FOR TEMPORARY TRAFFIC PROTECTION (LF)
<b>Randolph Route 12A</b>										
20+09.0	24+33.5	LT	425	Y	13.5 - 14.5	SLOPE-NO WATER	STEEL W-BEAM	FAIR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
35+07.1	37+57.1	LT	250	Y	11.5 - 13.2	SLOPE-NO WATER	STEEL W-BEAM	FAIR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
<b>Braintree Route 12A</b>										
12+19.0	15+54.9	LT	336	Y	13.3 - 14.0	SLOPE-NO WATER	STEEL W-BEAM	POOR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
53+01.0	58+13.4	LT	512	Y	12.3 - 15.4	SLOPE-NO WATER	STEEL W-BEAM	POOR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
65+87.8	82+59.7	LT	1672	Y	13.1 - 15.4	SLOPE-NO WATER	STEEL W-BEAM	FAIR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
82+98.8	89+56.0	LT	657	Y	12.8 - 14.6	SLOPE/BR#3	STEEL W-BEAM	POOR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
88+94.6	89+83.3	RT	89	Y	13.6 - 15.0	SLOPE/BR#3	STEEL W-BEAM	POOR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
107+48.3	111+47.2	LT	399	Y	13.9 - 15.2	SLOPE-NO WATER	STEEL W-BEAM	FAIR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
116+98.5	121+50.3	LT	452	Y	12.7 - 13.2	SLOPE-NO WATER	STEEL W-BEAM	FAIR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
118+09.2	119+44.7	RT	136	Y	12.9 - 13.1	SLOPE/CULVERT	STEEL W-BEAM	FAIR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
146+01.5	147+51.5	RT	150	Y	14.0 - 15.4	SLOPE/BR#5	STEEL W-BEAM	FAIR	RETAIN EXISTING GUARDRAIL AND REMOVE AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
146+64.3	148+25.0	LT	161	Y	14.6 - 15.7	SLOPE/BR#5	STEEL W-BEAM	FAIR	RETAIN EXISTING GUARDRAIL AND REMOVE AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
159+50.0	164+25.6	LT	476	Y	12.4 - 13.6	SLOPE	STEEL W-BEAM	FAIR	REMOVE BEFORE SHOULDER RECONSTRUCTION AND DELINEATE WITH BARRELS AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	-
178+54.9	181+74.6	LT	320	Y	13.7 - 27.8	SLOPE-WATER	STEEL W-BEAM	FAIR	RETAIN GUARDRAIL IN PULLOFF UNTIL TYPE IIIS LIFT IS COMPLETE, REMOVE AND RESET STA. 180+25 TO 181+75 TO FACE OF RAIL 17 FEET OFF PROPOSED CENTERLINE BEFORE SHOULDER RECONSTRUCTION, REMOVE AND INSTALL NEW PER LAYOUTS AFTER COLD MIX LIFT OR TYPE IIIS LIFT IS COMPLETE.	150



## TEMPORARY PROTECTION AND DELINEATION DETAILS FOR ROADSIDE HAZARDS DURING CONSTRUCTION

NOT TO SCALE

PROJECT NAME:	RANDOLPH-ROXBURY
PROJECT NUMBER:	ER STP 0187(II)
FILE NAME:	z13c182frm.dgn
PLOT DATE:	11/17/2014
PROJECT LEADER:	M. FOISY
DRAWN BY:	G. BURGMEIER
DESIGNED BY:	G. BURGMEIER
CHECKED BY:	M. FOISY
CONST. OPS. TRAFFIC PRO. PLAN SHT. 1	SHEET 20 OF 545