1985 STATEWIDE SAFETY PROJECT ITEM DETAIL SHEET

MILE MARKER	POS.	REMOVING TREES SMALL	REMOVING TREES LARGE	UNCLASSIFIED EXCAVATION	EARTH BORROW	TRENCH EARTH	TRENCH ROCK	GRAVEL SHOULDERS	METAL PIPE D	METAL PIPE L	METAL PIPE TH	RC PIPES D	RC PIPES L	RC PIPES CL	M.E.S	R.C.P.E.S.	CONC	STEEL	REHAB. DI	GRATE TYPE B	STONE FILL I	STONE FILL II	TIMBER CURB	ITEM 604.40	SELECTIVE THINNING	GUARD RAIL ITEMS 621.80	621.21		621.20	621.70	621.60	621.50	DELINEATORS	REMARKS
LOWELL																																		
2.90	RT							48																					35			1		CONNECT 25' NEW STEEL BEAM AND BCT TO STEEL BEAM AND BCT TO H.D. BEAM ON BRIDGE. SEE SHEETS 3, 14, 15, 16, 17, FOR DETAILS. USE 3 1.5 POST SPACING AND FACTOR OF 1.4.
2.91-2.94	RT							49																		142				1		1		CONNECT GUARD RAIL APPROACH SECTION, TYPE I MOD. TO H.D. BEAM ON BRIDGE. SEE SHEETS 3, 14, 15, 16, AND 17 FOR DETAILS.
2.82-2.89	LT							69																		390			350	1		1		CONNECT G.R. APPROACH SECTION, TYPE I MOD. TO H.D. BEAM ON BRIDGE. TO THIS ADD 350FT. NEW STEEL BEAM AND BCT. SEE SHEETS 3, 14, 15, 16, AND 17 FOR DETAILS.
2.91	LT							50																						1		1		CONNECT GUARD RAIL APPROACH SECTION, TYPE I MOD. TO H.D. BEAM ON BRIDGE. SEE SHEETS 3, 14, 15, 16, AND 17 FOR DETAILS.
3.59	RT							3																		55	112.5				2			REMOVE GUARD RAIL ON AND OFF THE BRIDGE. LEAVE STEEL POSTS ON BRIDGE, REPLACE WITH HEAVY DUTY STEEL BEAM BEGIN SOUTHERN END 37'± FROM BRIDGE WITH AN OFFSET OF 11'± FROM LINE OF NORMAL GUARD RAIL (ALONG BRUSH LINE). WRAP NORTHERN END OF GUARD RAIL AROUND DRIVE USE 621.60 TYPE ANCHORS. OFFSET BLOCKS ON POSTS ON BRIDGE WILL HAVE TO EXTEND ABOVE EXISTING POSTS.
3.59	LT							50																		50	100				1	1		REMOVE GUARD RAIL ON AND OFF THE BRIDGE LEAVE STEEL POSTS ON BRIDGE. REPLACE WITH HEAVY DUTY STEEL BEAM. WRAP SOUTHERLY END AROUND DRIVE AND USE 621.60 TYPE ANCHOR END NORTHERLY END 37'± NORTH OF BRIDGE WITH BCT. OFFSET BLOCKS ON EXISTING POSTS ON BRIDGE WILL HAVE TO EXTEND ABOVE THE TOP OF THE POSTS.
6.20	RT							47																		25						1		REPLACE FIRST 25' OF GUARD RAIL WITH B.C.T. SEE SHEET 3 FOR DETAILS
6.25	RT							47																		25						1		REPLACE LAST 25' OF GUARD RAIL WITH B.C.T. SEE SHEET 3 FOR DETAILS
6.20	LT							47																		25						1		REPLACE FIRST 25' OF GUARD RAIL WITH B.C.T. SEE SHEET 3 FOR DETAILS
6.25	LT							47																		25						1		REPLACE LAST 25' OF GUARD RAIL WITH B.C.T. SEE SHEET 3 FOR DETAILS
WESTFIELD																																		
0.10-0.12	RT							50																		80			25	1		1		REPLACE EXISTING GUARD RAIL WITH GUARD RAIL APPROACH SECTION, TYPE I MOD. AND 25FT. OF STEEL BEAM. SEE SHEETS 3 AND 104 FOR DETAILS.
0.12-0.14	RT																										112.5							SEE SHEET 104 FOR DETAILS
0.14-0.15	RT							50																		65			12.5	1		1		REPLACE EXISTING GUARD RAIL WITH GUARD RAIL APPROACH SECTION, TYPE I MOD. AND 12.5FT. OF STEEL BEAM. SEE SHEETS 3 AND 104 FOR DETAILS.
0.09-0.12	LT							52																		106			75	1		1		REPLACE EXISTING GUARD RAIL WITH GUARD RAIL APPROACH SECTION, TYPE I MOD. AND 75FT. OF STEEL BEAM. SEE SHEETS 3 AND 104 FOR DETAILS.
0.12-0.14	LT																										112.5							SEE SHEET 104 FOR DETAILS
0.14-0.15	LT							52																		63			12.5	1		1		REPLACE EXISTING GUARD RAIL WITH GUARD RAIL APPROACH SECTION, TYPE I MOD. AND 12.5FT. OF STEEL BEAM. SEE SHEETS 3 AND 104 FOR DETAILS.
3.74	RT							3																		56			62.5		2			REPLACE GUARD RAIL IN SAME LOCATION WRAP BOTH ENDS AND USE 621.60 TYPE ANCHORS SEE SHEET 3
3.74	LT				20			3																		68			75		2			REPLACE GUARD RAIL IN SAME LOCATION WRAP BOTH ENDS AND USE 621.60 TYPE ANCHORS USE EARTH BORROW TO BUILD UP SHOULDER BEHIND EXISTING GUARD RAIL AND MOVE NEW RAIL BACK 2'+/-
LOWELL-WESTFIELD TOTALS					20			667																		1,175	437.5		647.5	7	7	13		NOTE: FOR DETAILS OF BRIDGE AT LOWELL MILE MARKER 2.90 SEE BRIDGE SHEETS 14-17