

GENERAL NOTES

FED. RD. DIVISION	STATE	PROJECT	FISCAL YEAR
5	OHIO		

48
73

LAKE COUNTY
LAK-306-4.74

REPLACEMENT OF RETRO-REFLECTORS

DAMAGED OR MISSING RETRO-REFLECTORS WITHIN THE EXISTING MARKER INSTALLATIONS WHERE THE CASTING REMAINS INTACT SHALL BE REPLACED WITH THE REFLECTOR TYPE SHOWN ON THE DETAILS IN THE PLAN. DAMAGED REFLECTORS INCLUDE THOSE THAT ARE LOOSE OR HAVE BEEN BROKEN, CHIPPED, CRACKED OR HAVE OTHERWISE LOST THEIR RETRO-REFLECTIVE PROPERTIES AS DETERMINED BY THE ENGINEER.

THE LOCATION OF EXISTING RPM'S THAT REQUIRE THE REPLACEMENT OF DAMAGED OR MISSING RETRO-REFLECTORS SHALL BE DETERMINED BY THE ENGINEER.

SOME EXISTING CASTINGS HAVE REMNANTS OF THE OLD RETRO-REFLECTOR OR CONTAIN RETRO-REFLECTORS THAT ARE NOT SERVICEABLE DUE TO CRACKING, DISCOLORATION, ETC. IF THE CASTING IS SPECIFIED BY THE PLAN OR ENGINEER TO HAVE THE RETRO-REFLECTOR REPLACED, THE WORK SHALL INCLUDE REMOVING THE OLD PORTION OF THE RETRO-REFLECTOR. THE ATTACHMENT PROCEDURE OF PRISMATIC RETRO-REFLECTORS THAT ARE REPLACING DAMAGED OR MISSING PRISMATIC RETRO-REFLECTORS WITHIN EXISTING MARKER INSTALLATIONS SHALL BE PERFORMED AS DESCRIBED IN THESE GENERAL NOTES UNDER THE PARAGRAPH ENTITLED "INSTALLATION AND REPLACEMENT OF RPM'S".

CHANNELIZING LINES

RPM'S WHICH ARE USED IN CHANNELIZING LINE APPLICATIONS SHALL HAVE ONE-WAY PRISMATIC RETRO-REFLECTORS FACING TRAFFIC WHICH SHALL BE WHITE IN COLOR TO MATCH THE CHANNELIZING LINE COLOR. RPM'S SHALL BE PLACED SO THAT THE NEAR EDGE OF THE MARKER CASTING IS NO MORE THAN 1 INCH FROM THE NEAR EDGE OF THE CHANNELIZING LINE. PLACEMENT OF THE RPM'S AND RPM SPACING SHALL BE AS SHOWN ON THE DETAILS IN THIS PLAN.

LANE LINES

RPM'S WHICH ARE USED IN LANE LINE APPLICATIONS SHALL HAVE TWO-WAY PRISMATIC RETRO-REFLECTORS, CRYSTAL WHITE FACING TRAFFIC AND RED FACING THE OPPOSITE DIRECTION. RPM'S SHALL BE PLACED BETWEEN AND IN LINE WITH THE DASHES OF THE LANE LINE. PLACEMENT OF THE RPM'S AND RPM SPACING SHALL BE AS SHOWN ON THE DETAILS IN THIS PLAN.

EDGE LINES

RPM'S WHICH ARE USED IN EDGE LINE APPLICATIONS SHALL HAVE PRISMATIC RETRO-REFLECTORS WHICH MATCH THE EDGE LINE COLOR (WHITE FACING TRAFFIC FOR RIGHT EDGE LINES; YELLOW FACING TRAFFIC FOR THE LEFT EDGE LINES). RPM'S SHALL BE PLACED SO THAT THE NEAR EDGE OF THE MARKER CASTING IS NO MORE THAN 1 INCH FROM THE NEAR EDGE OF THE EDGE LINE.

THE NUMBER OF RETRO-REFLECTIVE FACES REQUIRED, THE PLACEMENT OF RPM'S AND THE RPM SPACING SHALL BE AS SHOWN ON THE DETAILS IN THIS PLAN.

CENTER LINES

RPM'S WHICH ARE USED IN CENTERLINE APPLICATIONS SHALL HAVE TWO-WAY PRISMATIC RETRO-REFLECTORS, WHICH SHALL BE YELLOW TO MATCH THE CENTERLINE COLOR. RPM'S SHALL BE PLACED BETWEEN THE LINES OF DOUBLE LINE CENTERLINE AND BETWEEN AND IN LINE WITH THE DASHES ON SINGLE LINE CENTERLINE. PLACEMENT OF THE RPM'S AND RPM SPACING SHALL BE AS SHOWN ON THE DETAILS IN THIS PLAN.

METHOD OF MEASUREMENT

THE NUMBER OF RPM'S INSTALLED OR REPLACED WILL BE THE ACTUAL NUMBER, FURNISHED, COMPLETE, IN PLACE, AND ACCEPTED, IN THE UNITS DESIGNATED, INCLUDING LAYOUT, PREMARKING, SURFACE PREPARATION, AND THE FURNISHING AND APPLICATION OF ALL REQUIRED ADHESIVES.

THE NUMBER OF PRISMATIC RETRO-REFLECTORS REPLACED WILL BE THE ACTUAL NUMBER FURNISHED, COMPLETE, IN PLACE, AND ACCEPTED IN THE UNITS DESIGNATED, INCLUDING EXISTING CASTING PREPARATION AND THE FURNISHING AND APPLICATION OF ALL REQUIRED ADHESIVE.

BASIS OF PAYMENT

PAYMENT FOR ACCEPTED QUANTITIES IN PLACE WILL BE MADE AT THE CONTRACT UNIT PRICE FOR:

ITEM	UNIT	DESCRIPTION
SPECIAL	EACH	RAISED PAVEMENT MARKER
SPECIAL	EACH	RAISED PAVEMENT MARKER REPLACED
SPECIAL	EACH	PRISMATIC RETRO-REFLECTOR REPLACED

PAYMENT SHALL BE FULL COMPENSATION FOR ALL MATERIALS, LABOR, INCIDENTALS, AND EQUIPMENT FOR PLACEMENT OF THE RPM'S AND PRISMATIC RETRO-REFLECTORS.

632 SERVICE CABLE

A QUANTITY OF 350 FT. OF SERVICE CABLE IS PROVIDED FOR USE AS DIRECTED BY THE ENGINEER IN THE EVENT THE POWER COMPANY IS UNABLE TO PROVIDE CABLE FROM THEIR POLE TO THE TOP OF THE DESIGNATED SIGNAL POLE(S).