



PLANNED
JEL
CHECKED

ITEM 614 - MAINTAINING TRAFFIC (CONTINUED)

V. MAINTENANCE OF TRAFFIC (CONTINUED)

E. FLASHERS

FLASHERS SHALL BE 12 VOLT BATTERY-OPERATED MODELS WITH 7 INCH DIAMETER YELLOW LENSES ILLUMINATED BY RAPID INTERMITTENT FLASHERS OF SHORT DURATION AND SHALL BE PLACED ON ALL SIGNS AT ALL TIMES.

VI. PAYMENT

PAYMENT FOR PROVIDING, ERECTING, MAINTAINING AND REMOVING TEMPORARY MAINTENANCE OF TRAFFIC CONTROL DEVICES SHALL BE MADE UNDER THE LUMP SUM PRICE BID FOR ITEM 614 - MAINTAINING TRAFFIC.

THE FOLLOWING QUANTITIES ARE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER:

ITEM 614, TEMPORARY CENTERLINE, CLASS I, 642 PAINT	19.34 KM
ITEM 614, TEMPORARY LANE LINE, CLASS I, 642 PAINT	36.82 KM
ITEM 614, TEMPORARY STOP LINE, CLASS I, 642 PAINT	96.5 M
ITEM 614, TEMPORARY CHANNELIZING LINE, CLASS I, 642 PAINT	488.0 M
ITEM 614, TEMPORARY TRANSVERSE LINE, CLASS I, 642 PAINT	222.0 M
ITEM 614, TEMPORARY CROSSWALK LINE, CLASS I, 642 PAINT	24.4 M
ITEM 614, TEMPORARY CENTERLINE, CLASS II, 642 PAINT	19.34 KM
ITEM 614, TEMPORARY LANE LINE, CLASS II, 642 PAINT	36.82 KM
ITEM 614, WORK ZONE MARKING SIGN	30 EA
ITEM 614, LEO W/ PATROL CAR	48 HOURS
ITEM 614, BIT, CONC. FOR MAINTAINING TRAFFIC	100 CU. M.
ITEM 616, CALCIUM CHLORIDE	1 M TON
ITEM 616, WATER	20 CU. M.
ITEM 410, TRAFFIC COMPACTED SURFACE, TYPE A OR B	205 CU. M.

RAISED PAVEMENT MARKERS

MATERIALS SUPPLIED BY THE DEPARTMENT

ALL MATERIALS ARE TO BE CONTRACTOR FURNISHED, EXCEPT THAT THE DEPARTMENT SHALL SUPPLY TO THE CONTRACTOR RPM MATERIALS IN THE QUANTITIES SHOWN HEREIN. PAY ITEMS FOR THE DEPARTMENT SUPPLIED MATERIALS SHALL BE INDICATED AS 'INSTALLATION ONLY'. THE QUANTITY AND TYPE OF DEPARTMENT SUPPLIED MATERIALS ARE SHOWN ELSEWHERE IN THE PLAN.

THE CONTRACTOR WILL BE INFORMED AT THE PRE-CONSTRUCTION CONFERENCE FOR THE LOCATION OF THE DEPARTMENT SUPPLIED MATERIAL. WHEN SPECIFIED, ADDITIONAL RPM MATERIALS WILL BE STORED WITHIN THE DISTRICT FOR USE ON THIS PROJECT. THE CONTRACTOR SHALL PICK UP DEPARTMENT SUPPLIED RPM MATERIALS AT THE SPECIFIED LOCATION(S) FOR TRANSPORT TO THE WORK SITE OR TO THE CONTRACTOR'S STORAGE FACILITY. AN AUTHORIZATION FOR PICK UP FORM WILL BE FURNISHED BY THE DISTRICT CONSTRUCTION ADMINISTRATOR TO THE CONTRACTOR AT THE PRE-CONSTRUCTION CONFERENCE. THE CONTRACTOR SHALL NOTIFY THE DISTRICT AND/OR THE PARTIES LISTED ON THE AUTHORIZATION FORM (DEPENDENT ON THE STORAGE LOCATIONS OF THE MATERIALS) IN WRITING AT LEAST FIVE (5) CALENDAR DAYS PRIOR TO PICK UP OF DEPARTMENT SUPPLIED MATERIALS. HE SHALL STORE THEM WITHOUT DAMAGE OR CONTAMINATION WITH FOREIGN MATTER. A DEDUCTION IN THE AMOUNT OF THE ACTUAL COST TO THE DEPARTMENT SHALL BE MADE FOR MATERIALS DAMAGED BY THE CONTRACTOR OR FOR CASTINGS RECEIVED BY THE CONTRACTOR WHICH WERE NOT INSTALLED AND WERE NOT RETURNED TO THE DEPARTMENT.

A LISTING OF DEPARTMENT SUPPLIED MATERIALS IS SHOWN ON SHEET 26.

RETURN OF NON-PERFORMED RAISED PAVEMENT MARKER MATERIALS

RAISED PAVEMENT MARKERS, THAT ARE NON-PERFORMED SHALL BE STORED BY PRISMATIC RETRO-REFLECTOR COLOR AND THE CASTING STYLE (LOW PROFILE OR CONVENTIONAL) AND CAREFULLY PACKED INTO APPROVED CONTAINERS FOR SHIPMENT BY THE CONTRACTOR TO A LOCATION AS SPECIFIED AT THE PRE-CONSTRUCTION MEETING. PRISMATIC RETRO-REFLECTOR COLORS OR CASTING STYLES SHALL NOT BE MIXED WITHIN ANY ONE CONTAINER. THE CONTRACTOR SHALL CLEARLY MARK ON THE OUTSIDE OF EACH CONTAINER, THE COLOR OF THE PRISMATIC RETRO-REFLECTOR, THE STYLE OF CASTING, AND THE CONSTRUCTION PROJECT NUMBER. THE ABOVE WORK SHALL BE CONSIDERED INCIDENTAL TO THEIR RESPECTIVE PAY ITEMS.

FINAL ACCEPTANCE

RAISED PAVEMENT MARKER MATERIALS WHICH ARE UNACCEPTABLE, OR BECOME UNACCEPTABLE PRIOR TO FINAL ACCEPTANCE AS DETERMINED BY THE ENGINEER, FOR CAUSES SUCH AS, BUT NOT LIMITED TO, IMPROPER INSTALLATION, EPOXY NOT HARDENING OR LOSS OF ADHESION TO THE PAVEMENT OR BETWEEN THE CASTING AND THE PRISMATIC RETRO-REFLECTOR, LOST OR IMPROPERLY REFLECTING PRISMATIC RETRO-REFLECTOR SHALL BE REPLACED BY THE CONTRACTOR WITH RPM MATERIAL CONFORMING TO THESE SPECIFICATIONS AND REQUIREMENTS AT THE EXPENSE OF THE CONTRACTOR WITHOUT DELAY. THE CONTRACTOR WILL RECEIVE NO PAYMENT FOR UNACCEPTABLE WORK WHICH IS NON PERFORMED.

LOOP DETECTORS

THE FOLLOWING QUANTITIES ARE PROVIDED FOR USE AS DIRECTED BY THE ENGINEER FOR THE PURPOSE OF REPAIRING/REPLACING DAMAGED PAVEMENT LOOP DETECTOR PULL BOXES:

ITEM 625-TRENCH	25 M
ITEM 625-CONDUIT, 25 MM, 713.04	25 M
ITEM 625-PULLBOX, 713.09, 450 MM	1 EACH
ITEM 625-LOOP DETECTOR LEAD-IN CABLE	25 M

PLACEMENT OF LOOP DETECTORS

IT IS ANTICIPATED THAT EXISTING LOOP DETECTORS WILL BE DESTROYED BY PLANING OPERATIONS. IT IS IMPAIRITIVE THAT REPLACEMENT LOOP DETECTORS BE INSTALLED AND FULLY FUNCTIONAL IN THE SHORTEST POSSIBLE TIME. THE CONTRACTOR SHALL HAVE REPLACEMENT LOOP DETECTORS INSTALLED AND FULLY FUNCTIONAL WITHIN 7 CALENDAR DAYS OF DESTRUCTION OF THE ORIGINAL LOOP.

FAILURE TO COMPLY WITH THE ABOVE STATED REQUIREMENTS WILL RESULT IN THE ASSESSMENT OF LIQUIDATED DAMAGES ACCORDING TO SECTION 108.07 OF THE CMS FOR EACH CALENDAR DAY BEYOND THE SPECIFIED LIMIT.

AT THE CONTRACTOR'S OPTION, THE REPLACEMENT LOOPS MAY BE INSTALLED IN THE EXISTING PAVEMENT REMAINING AFTER PLANING OPERATIONS.

ITEM 632 - LOOP DETECTOR TIE-IN

THIS WORK ITEM SHALL INCLUDE THE POURED EPOXY INSULATED SPLICE(S) REQUIRED TO CONNECT THE LOOP DETECTOR WIRE TO EXISTING LEAD-IN CABLE AT THE PULLBOX. IN CASES WHERE THE LEAD-IN CABLE IS REPLACED, PAYMENT FOR THE EPOXY SPLICES SHALL BE INCLUDED IN THE UNIT BID FOR ITEM 625 - LOOP DETECTOR LEAD-IN CABLE. THE SPLICES SHALL BE IN ACCORDANCE WITH SECTION 713.15 OF THE CMS. PAYMENT SHALL BE MADE PER EACH LOOP DETECTOR CONNECTED TO THE LEAD-IN CABLE.

THE FOLLOWING QUANTITY HAS BEEN INCLUDED IN THE GENERAL SUMMARY:

ITEM 632-LOOP DETECTOR TIE-IN	26 EACH
---------------------------------------	---------

PLOTTED BY: coopz
PLOTTED FROM: user:spiloricz\$pid16981qna.dgn
file name: dgn
PLOT SUBMITTED: 05-FEB-1998 09:10

GENERAL NOTES

LAK-20-28.014