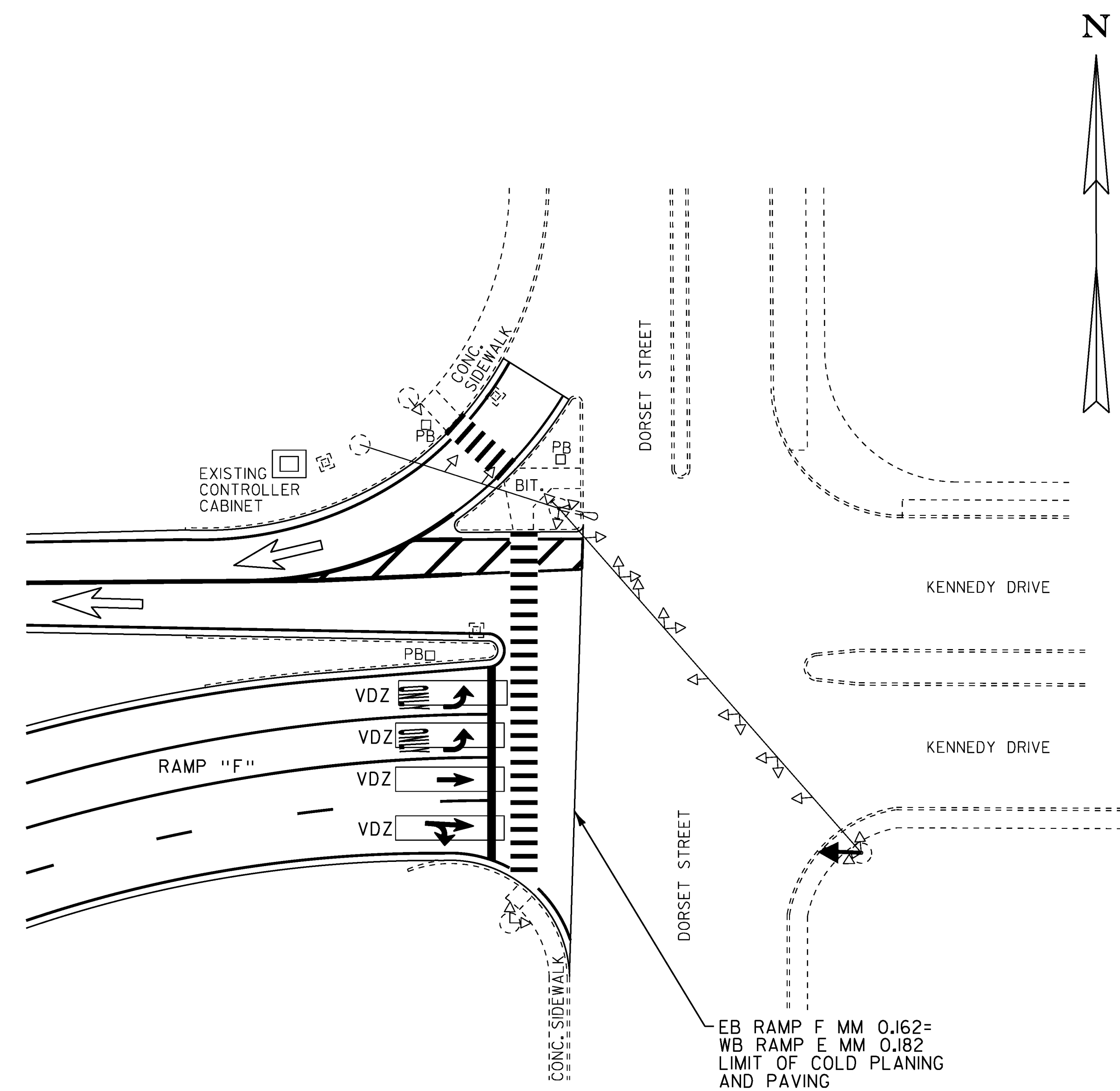


VIDEO VEHICLE DETECTION SYSTEM NOTES:

1. VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
2. VIDEO VEHICLE DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR.
3. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE EXISTING CONDUIT AND CONTROLLER FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.
4. ANY OTHER MISCELLANEOUS EQUIPMENT AND LABOR NECESSARY TO PROVIDE A FULLY FUNCTIONAL VIDEO VEHICLE DETECTION SYSTEM SHALL BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM).
5. ALL EXISTING VEHICLE DETECTOR LOOPS BEING REPLACED WITH VIDEO DETECTION ARE TO BE DISCONNECTED AT THE EXISTING PULLBOX LOCATIONS AND WIRING REMOVED BACK TO THE CABINET.
6. VIDEO VEHICLE DETECTION SYSTEM SHALL BE ONE OF THE MANUFACTURERS LISTED IN THE SPECIAL PROVISIONS OR APPROVED EQUAL.
7. EXISTING CONTROLLER TIMINGS SHALL BE RETAINED.
8. ALL EXISTING LOOP DETECTOR EQUIPMENT TO BE SALVAGED IS TO BE REMOVED AND RETURNED BY THE CONTRACTOR TO SOUTH BURLINGTON PUBLIC WORKS. COORDINATE THROUGH JUSTIN RABIDOUX AT 802-658-7961.
9. PRIOR TO COLD PLANING, THE CONTRACTOR SHALL DISCONNECT THE VEHICLE DETECTOR LOOP IN THE CONTROLLER CABINET AND CUT IT AT THE CURB OR SHOULDER. ONCE THE VEHICLE DETECTOR LOOP IS DISCONNECTED, THE SIGNAL PHASE THAT IT WAS CALLING SHALL BE SET ON MAXIMUM RECALL OR THE SIGNAL SHALL BE SET TO FLASH WHILE TRAFFIC IS BEING CONTROLLED BY A UNIFORMED TRAFFIC OFFICER. DETECTOR AND SIGNAL WORK SHALL BE INCIDENTAL TO PAY ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM). UNIFORMED TRAFFIC OFFICERS WILL BE PAID FOR UNDER CONTRACT ITEM 630.10, UNIFORMED TRAFFIC OFFICERS.
10. ALL TRAFFIC SIGNAL CONDUIT SHALL BE SCHEDULE 80 PVC.
11. ALL TRAFFIC SIGNAL CONDUIT WORK SHALL PERFORMED IN ACCORDANCE WITH VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2011, SECTION 678.
12. A UNIFORMED TRAFFIC OFFICER WITH A BLUE LIGHT SHALL BE PRESENT DURING ALL LANE CLOSURES.
13. ALL ELECTRICAL WIRING SHALL BE DONE BY A LICENSED ELECTRICIAN AND OVERSEEN BY A MASTER ELECTRICIAN.

LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (1-189 @ DORSET ST.)	1
VIDEO VEHICLE DETECTION CAMERAS (TO BE INCIDENTAL TO ITEM 900.620, SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (1-189 @ DORSET ST.)	1



LEGEND

- NEW TRAFFIC CONTROL BOX
- EXISTING STRAIN POLE
- EXISTING MAST ARM
- VIDEO DETECTION ZONE
- VIDEO CAMERA
- EXISTING OVERHEAD SIGNAL

NOT TO SCALE

VIDEO VEHICLE DETECTION SYSTEM

PROJECT NAME: BURLINGTON-SO. BURLINGTON
 PROJECT NUMBER: IM SURF (30)
 FILE NAME: Ila028/Ila028.dgn
 PROJECT LEADER: M. FOWLER
 DESIGNED BY: L. BULLOCK
 Ila028vid1.t

PLOT DATE: 12-APR-2012
 DRAWN BY: L. BULLOCK
 CHECKED BY: M. FOWLER
 SHEET 13 OF 49