

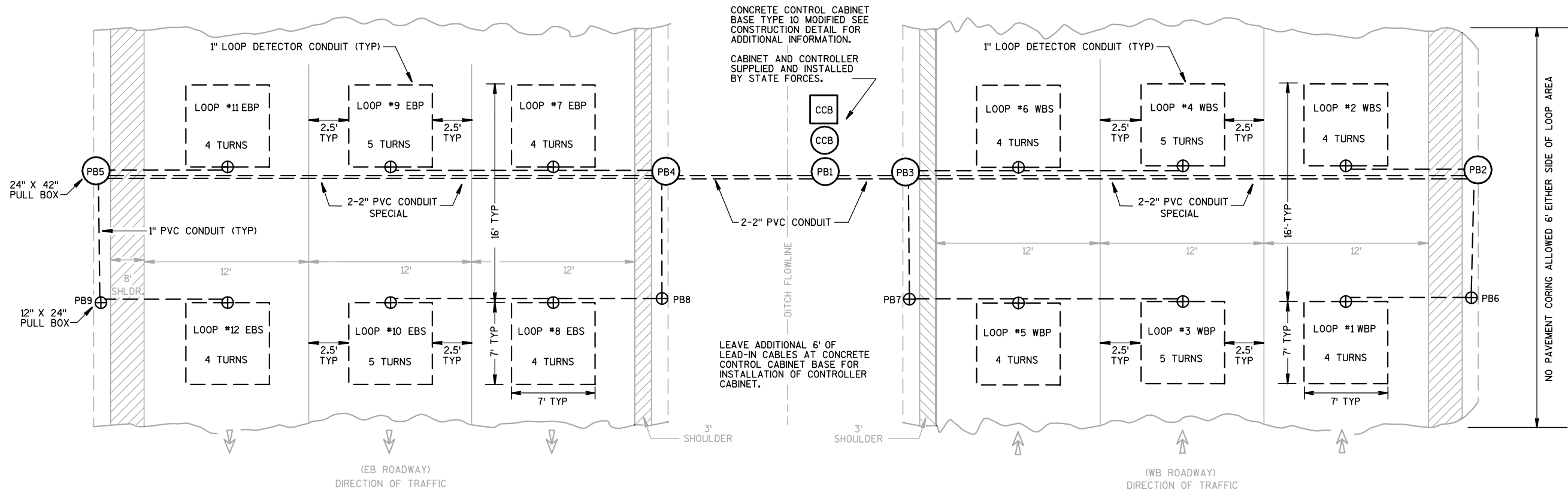
THE LOCATION OF THE CONCRETE BASE & PLATFORM  
SHALL BE LOCATED IN THE FIELD BY KIM HEISE.  
NOTIFY HER 2 WEEKS PRIOR TO INSTALLATION AT (920) 362-6360.



FOUR (4) ANCHOR RODS, 1" DIA. X 3'-6"  
ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 AND  
641.2.2 OF THE STANDARD SPECIFICATIONS AND IN ACCORDANCE WITH A-449, OR ASTM.  
A-687 (GRADE 105).

CS 05-1149 (Between CTH GV & IH 43), STATION 1565+00

## NTS



## LOOP DETECTOR INSTALLATION

CS 05-0387 (Between Ashland Ave &amp; Fox River), STATION 1349+00



## SPECIAL NOTE:

THE LOCATION OF THE CONCRETE CONTROL CABINET BASE & LOOP DETECTORS SHALL BE LOCATED IN THE FIELD BY KIM HEISE. NOTIFY HER 2 WEEKS PRIOR TO INSTALLATION AT (920) 362-6360.

## GENERAL NOTE

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

## GENERAL NOTES

THE CONTRACTOR SHALL FURNISH THE FOLLOWING PER THIS DETAIL AND AS SHOWN IN THE MISC QUANTITY SHEETS: LOOP DETECTOR CONDUIT, NON-METALLIC CONDUIT, PULL BOXES, LOOP DETECTOR WIRE & LEAD IN CABLE, AND CONCRETE BASE.

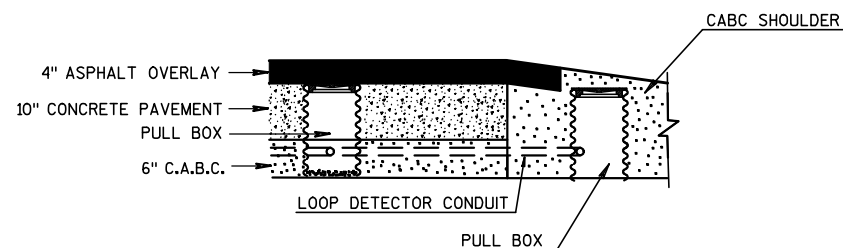
NO TRANSVERSE SAW JOINTS OR PAVEMENT CORING IS ALLOWED 6- FEET EITHER OF THE LOOP AREA.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN THE PULL BOX WHICH IS NEAR THE EDGE OF THE ROAD. ALL SPLICES SHALL BE MADE AS SOON AS POSSIBLE AFTER THE WIRES ARE INSTALLED. THE PROPER SPLICE OF A TWO CONDUCTOR CABLE CONSISTS OF TWO SOLDERED JOINTS ENCLOSED IN SINGLE SPLICE KIT. EACH SOLDERED CONNECTION SHALL BE INSULATED FROM ONE ANOTHER. ALL SPLICES SHALL BE MADE WITH EPOXY TYPE SPLICE KITS SUCH AS (3M 82A1) OR APPROVED EQUAL.

IF A SPLICE TO THE LEAD-IN CABLE CANNOT BE MADE THE SAME DAY THAT THE LOOP WIRE OR LEAD-IN CABLE IS INSTALLED, THE WIRE/CABLE ENDS SHALL BE SEALED WITH TAR OR 3M SCOTCHKOTE TO KEEP WATER OUT OF THE INSULATING JACKET OF THE WIRE.

DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATER PROOF TAGS IN THE PULL BOX AND CABINET. THE WATERPROOF TAGS SHALL BE LABELLED AS SHOWN IN THE ADJACENT DIAGRAM FOR EACH RESPECTIVE LOOP. (I.e. #1 WBP, #2 WBS, etc.)

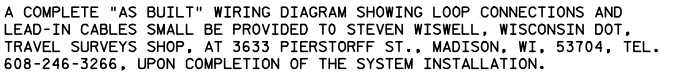
A COMPLETE "AS BUILT" WIRING DIAGRAM SHOWING LOOP CONNECTIONS AND LEAD-IN CABLES SHALL BE PROVIDED TO STEVEN WISWELL, WISCONSIN DOT, TRAVEL SURVEYS SHOP, AT 3633 PIERSTORFF ST., MADISON, WI, 53704, TEL. 608-246-3266, UPON COMPLETION OF THE SYSTEM INSTALLATION.



## STANDARD DETAIL DRAWINGS

See the following Standard Detail Drawings (SDD) for further guidance on this installation.

- Conduit
- Pull Box
- Loop Detector placed in crushed aggregate base (New Concrete Pavement)





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