PREREQUISITES FOR UNDERGROUND INSPECTION

INTERSECTION _____ CHECKLIST TO BE COMPLETED AND SUBMITTED PRIOR TO REQUESTING **CONTRACTOR REPRESENTATIVE** _____

PROJECT ID _____ SIGNAL INSPECTION **DOT REPRESENTATIVE** _____

CONTR YES	CONTR NO		DOT YES	DOT NO	COMMENT
		CONDUIT - GENERAL (SDD-9B2)			
☐	☐	Are the number and size of conduit installed in accordance with the plans and SDD?	☐	☐	
☐	☐	Is a conduit run the same size from one pull box or junction to another?	☐	☐	
☐	☐	Was trenched conduit inspected prior to backfill?	☐	☐	
☐	☐	Are conduit curves bent with proper diameter? (Utilize approved method of bending)	☐	☐	
☐	☐	Is conduit under traveled way buried at least 24" but not more than 36"?	☐	☐	
☐	☐	Is conduit outside traveled way buried at least 18" but not more than 36"?	☐	☐	
☐	☐	Are all conduits installed so they drain and have no pockets of trapped water in long runs?	☐	☐	
☐	☐	Have the conduit ends been cleaned? Are all plugs or caps in place?	☐	☐	
☐	☐	Are the conduits placed so that they are not stacked?	☐	☐	
		PULL BOXES (SDD-9B4) & PULL BOXES NON-CONDUCTIVE (SDD-9B16)			
☐	☐	Are the number and size of pull boxes installed in accordance with the plans and SDD?	☐	☐	
☐	☐	Do the pull boxes match the propsed finished grade, not below or above the grade? Unless required in aggregrate shoulder - See SDD)	☐	☐	
☐	☐	Are the conduit holes sized appropriately, conduit diameter plus no more than 1/4" ?	☐	☐	
☐	☐	Does the conduit extend a maximum of 3" into the pull boxes?	☐	☐	
☐	☐	Do all conduits enter the pull boxes at least 6" above the bottom?	☐	☐	
☐	☐	Are drain sumps installed where needed? Contact EFU for input.	☐	☐	
☐	☐	Is there proper drainage for all pull boxes?	☐	☐	
☐	☐	Are there any extra or unused holes in the pull boxes?	☐	☐	
☐	☐	Was 12" of No. 2 stone installed under the pull box with leveling bricks? (See SDD)	☐	☐	

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CONTR YES	CONTR NO		DOT YES	DOT NO	COMMENT
		CONCRETE SIGNAL BASES			
		Are all concrete bases installed in accordance with the plans and SDD?			
		Are all concrete bases level, round, not cracked and without voids?			
		Are the bases at proper elevation and location? Was the variance in plans approved by WisDOT?			
		Are all conduit installed in each base per the SDD? (Correct number and size)			
		Any existing/proposed overhead utility conflicts?			
		Has a 1" conduit been installed for grounding as required on pertinent SDD's?			
		TYPE 1, 2, & 5 (SDD-9C2)			
		Are base bolts plumb and parallel with road?			
		Are conduit ends 1" above the top of concrete base?			
		Are concrete base anchor rods of proper grade, length, diameter and material?			
		CONCRETE MONOTUBE BASES - TYPE 10 & 13 (SDD-9C11 and 9C12)			
		Prior to pouring concrete, was bolt elevation, alignment and arm position verified?			
		For a Type 10, are the conduit ends at least 4" above the top of the concrete base?			
		For a Type 13, are the conduit ends at least 4 1/2" above the top of the concrete base?			
		CONCRETE CABINET BASES - Type 9 Special (SDD-9C6)			
		Is the cabinet base and pad level, intact, not cracked or damaged and without voids?			
		Is the cabinet located at a high point to prevent drainage into cabinet?			
		Are all conduits in the cabinet base?			
		Is the cabinet placed as far from the traveled way as possible?			
		Is meter breaker pedestal installed at a proper grade line?			
		Are the conduit ends 1" above the top of the concrete base?			
		LOOPS			
		Are the loops installed as shown on the plans? Verify size, number of turns and installation method.			
		Are the far loop locations accurately measured from the NEAR RIGHT SIGNAL?			
		Are loops in conflict with any utilites? If yes, check with engineer for a new location.			