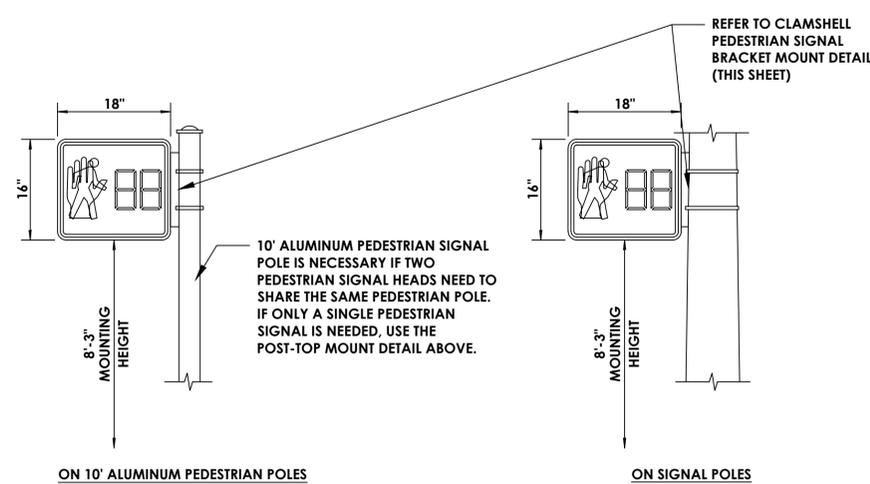
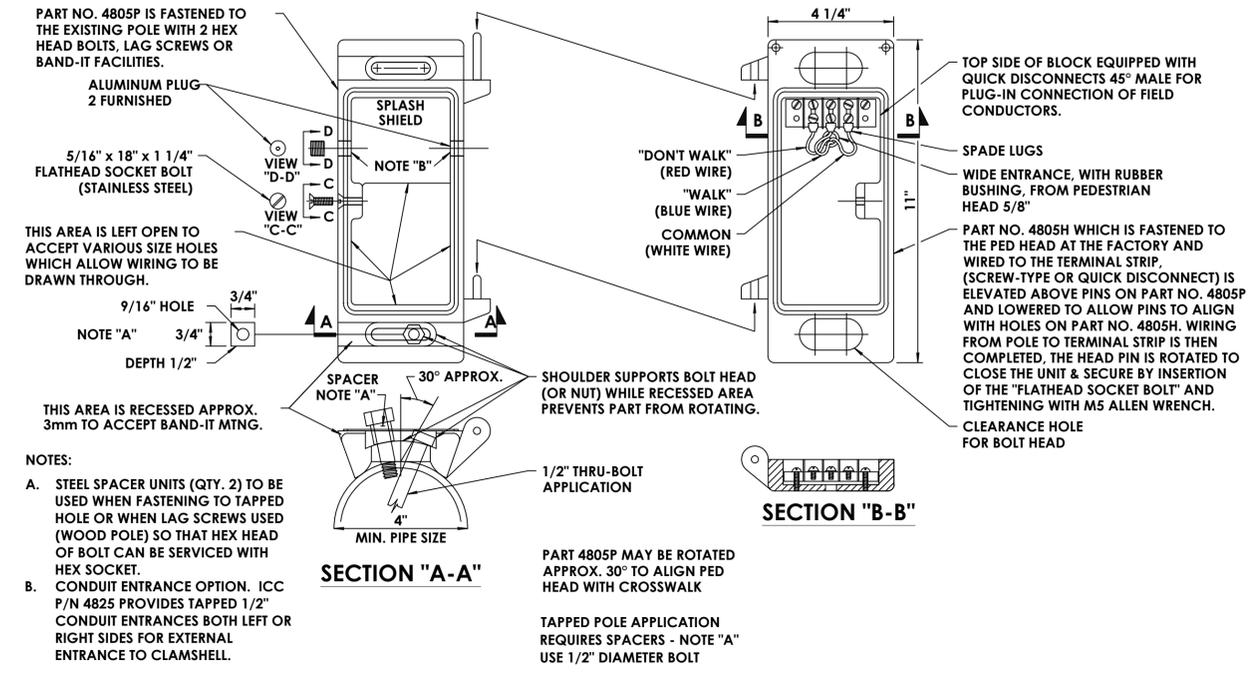


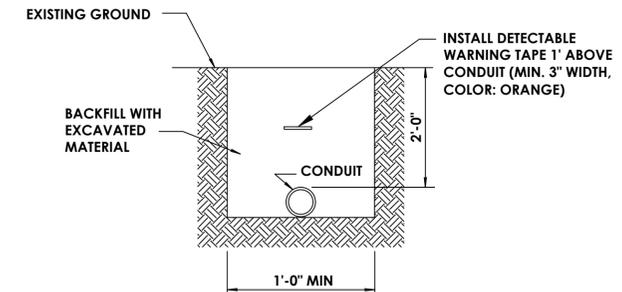
**ALUMINUM PEDESTRIAN POLE - 8' POST-TOP MOUNT**  
MCDOT DETAILS - REV. 7/15/2024



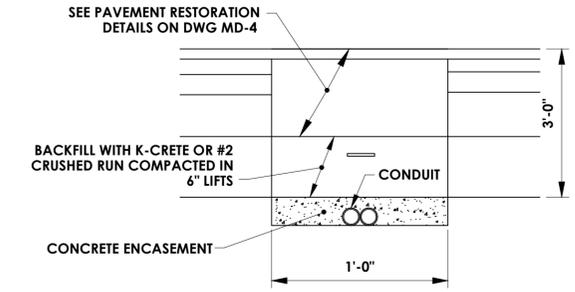
**CLAMSHELL PEDESTRIAN SIGNAL INSTALLATIONS**  
MCDOT DETAIL - REV. 6/10/2024



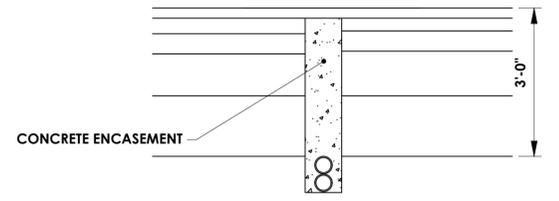
**CLAMSHELL PEDESTRIAN SIGNAL BRACKET MOUNT**  
MCDOT DETAIL - REV. 3/4/2015



**CONDUIT TRENCH IN GRASS**  
MCDOT DETAIL - REV 2/20/2024



**CONDUIT TRENCH IN PAVEMENT**  
MCDOT DETAIL - REV 7/15/2024



**CONDUIT TRENCH IN PAVEMENT (VERMEER CUT)**  
MCDOT DETAIL - REV. 7/15/2024

- NOTES:**
- ALL CONDUITS SHALL HAVE A LOW STRETCH POLYESTER PULL TAPE INSTALLED FOR FUTURE NEEDS.
  - EMPTY CONDUITS SHALL HAVE A TRACER WIRE AND A JET-LINE INSTALLED.

- NOTES:**
- TYPICAL DEPTH OF CONDUIT UNDER ROAD SHALL BE 3'-0" AS SHOWN. IF UTILITY CONFLICTS EXIST, A MINIMUM DEPTH OF 24" SHALL BE UTILIZED.
  - CONDUIT(S) UNDER THE PAVEMENT SHALL BE ENCASED IN CONCRETE TO A MINIMUM DEPTH OF 6" ABOVE THE TOP OF THE CONDUIT.
  - ALL CONDUITS SHALL HAVE A LOW STRETCH POLYESTER PULL TAPE INSTALLED FOR FUTURE NEEDS.
  - EMPTY CONDUITS SHALL HAVE A TRACER WIRE AND A JET-LINE INSTALLED.

NO.	DATE	BY:	REVISION

**CONSULTANT**  
 Consultant Address: (585) 867-5309  
 Rochester, New York XXXX  
 Fax: (585) 867-5309

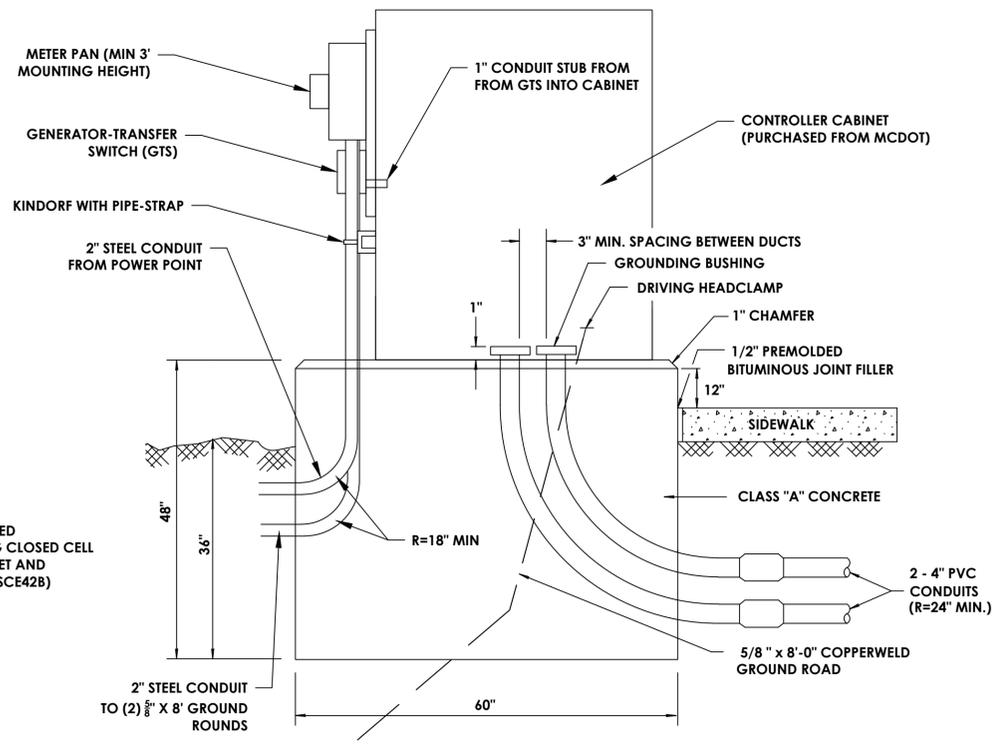
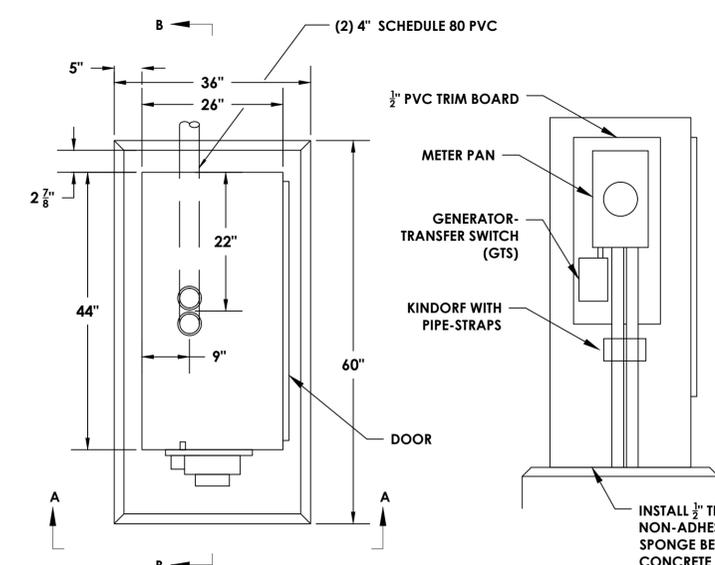
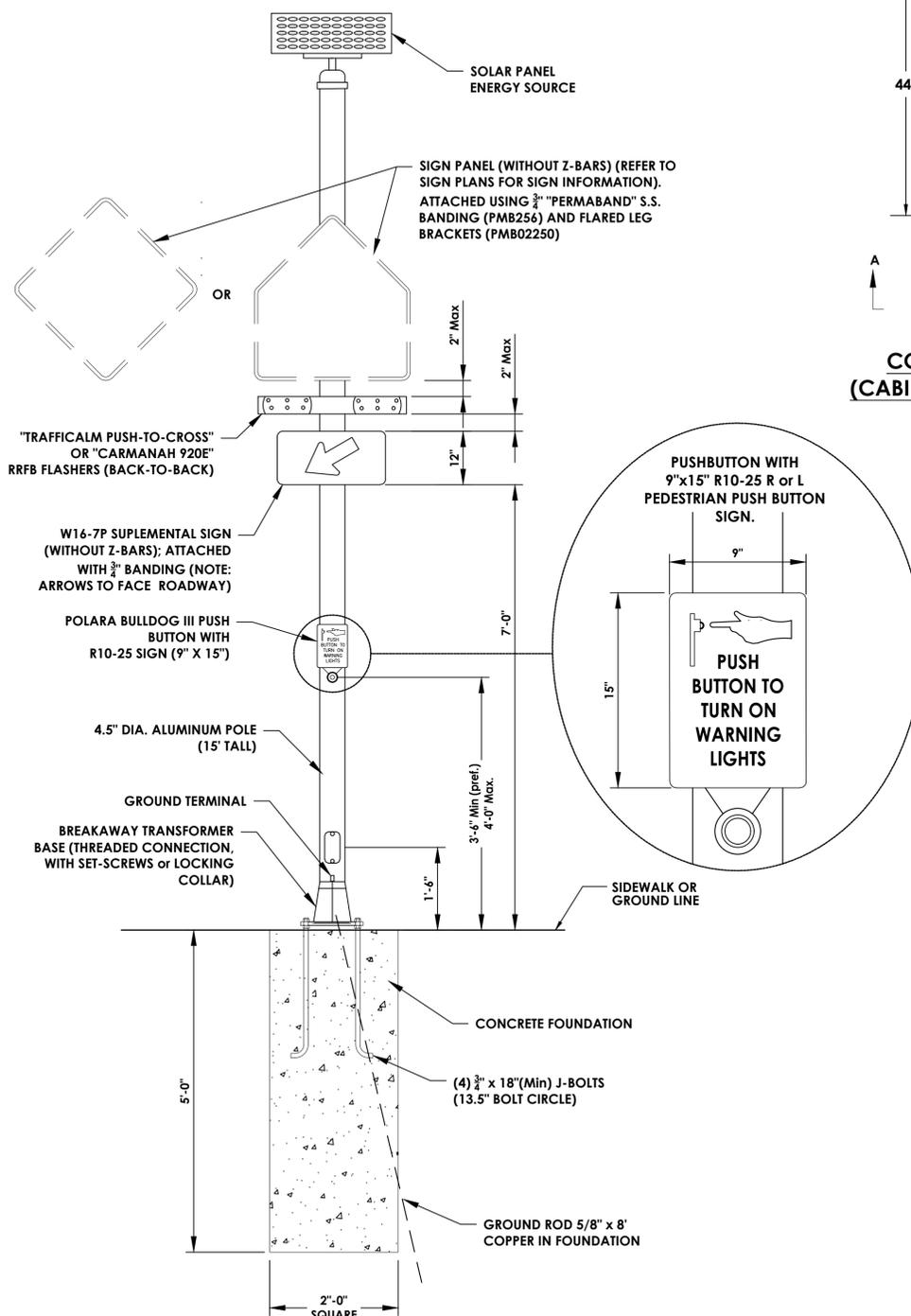
PROJECT MANAGER: **MANAGER**  
 DRAFTER: **DRAFTER**

**DEPARTMENT OF TRANSPORTATION**  
 50 WEST MAIN STREET, SUITE 6100  
 ROCHESTER, NEW YORK 14614-1231  
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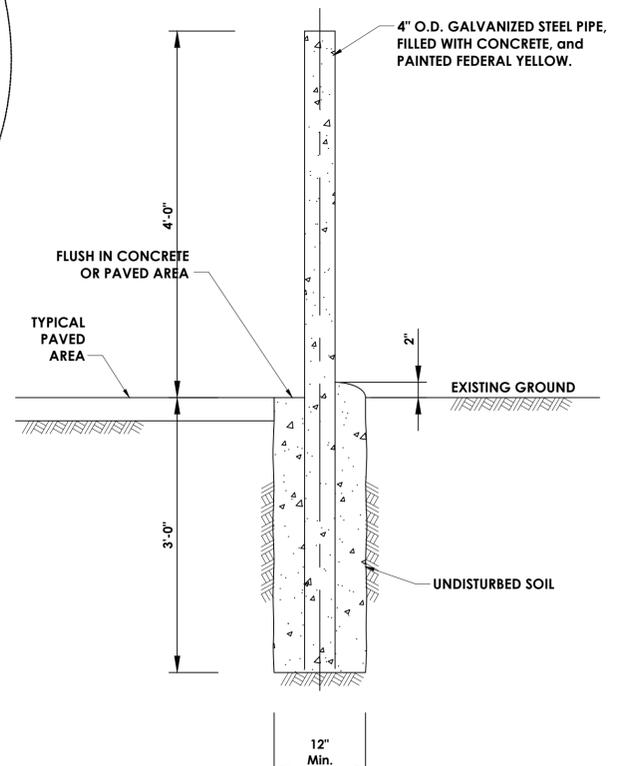
PROJECT NAME	COUNTY ROAD
PROJECT LIMITS	#
TOWN	TOWN
CAPITAL PROJECT NO.	XXXX-XX

**TRAFFIC SIGNALS**

SCALE: NOT TO SCALE  
 DATE ISSUED: DATE  
 DRAWING NO. 2 OF 4



- NOTES:**
- IN UNPAVED AREAS A MIN. 5' X 5' X 4" CONCRETE WORK PAD SHALL BE PLACED IN FRONT OF THE CABINET DOOR. (COST TO BE INCLUDED IN ITEM 680.5002)
  - CONCRETE EXPANSION JOINT MATERIAL (1/2" X 4" (MIN)) SHALL BE PLACED BETWEEN THE WORK PAD AND THE CABINET BASE.
  - TWO GROUND RODS TO BE INSTALLED 6' FROM METER AND 10' FROM APART (FACING DOOR OF CABINET).



- NOTES:**
- BOLLARDS SHALL BE A MIN 12" AWAY FROM TRAFFIC SIGNAL CABINET.
  - CONSULT MCDOT FOR FINAL FIELD PLACEMENT

**MCDOT STANDARD FOR INTERSECTION and COMMUNICATION WIRING**

MCDOT DISCONNECT WIRING GUIDE FOR SPAN WIRE INTERSECTIONS			MCDOT WIRING GUIDE FOR MAST ARM INTERSECTIONS		MCDOT WIRING GUIDE FOR PEDESTRIAN INDICATORS and PUSH BUTTONS	
Terminal Number	Conductor Color	Indication Type	Conductor Color	Indication Type	Conductor Color	Indication Type
1	BLACK	Left Turn Green	RED	Red Ball	RED	Don't Walk
2	BLUE	Left Turn Yellow	ORANGE	Yellow Ball	GREEN	Walk
3	GREEN	Green Ball	GREEN	Green Ball	WHITE	PED Enclosure Neutral
4	ORANGE	Yellow Ball	BLACK	Green Left Turn	BLACK	Push Button Power
5	RED	Red Ball	BLUE	Yellow Left Turn	ORANGE	Push Button Neutral
6	BLACK/WHITE	Left Turn Green	WHITE	Neutral	**ANY REMAINING CONDUCTORS ARE SPARES**	
7	BLUE/BLACK	Left Turn Yellow	**ANY REMAINING CONDUCTORS ARE SPARES**			
8	GREEN/BLACK	Green Ball				
9	ORANGE/BLACK	Yellow Ball				
10	RED/BLACK	Red Ball				
11	BLACK/RED	Left Turn Green				
12	BLUE/WHITE	Left Turn Yellow				
13	GREEN/WHITE	Green Ball				
14	ORANGE/RED	Yellow Ball				
15	RED/WHITE	Red Ball				
16	WHITE/RED	Neutral				
17	WHITE/BLACK	Neutral				
18	WHITE	Neutral				
**ANY REMAINING CONDUCTORS ARE SPARES**						

ETHERNET RJ-45 PLUG WIRING GUIDE	
Conductor Color	Pin
WHITE/ORANGE	1
ORANGE	2
WHITE/GREEN	3
BLUE	4
WHITE/BLUE	5
GREEN	6
WHITE/BROWN	7
BROWN	8

Version: (B) ON RJ-45 CRIMPER

**RJ-45 Plug Pin 1**  
Clip is pointed away from you.

**NOTE(s):** All Spare wires in the "MCDOT DISCONNECT WIRING GUIDE FOR SPAN WIRE INTERSECTIONS" table should be landed to the "DISCONNECT TERMINAL BLOCK". All Spare wires in the "MCDOT WIRING GUIDE FOR MAST ARM INTERSECTIONS" table should be taped up with electrical tape and identified as "SPARE". All Spare wires in "MCDOT WIRING GUIDE FOR PEDESTRIAN INDICATORS and PUSH BUTTONS" table should be taped up with electrical tape and identified as "SPARE". When making up an RJ-45 ethernet plug work from "Left to Right" with the plug clip facing away from you, this will place "Pin 1" on the left side of the RJ-45 ethernet plug.

CONSULTANT		DEPARTMENT OF TRANSPORTATION	
Address: (585) 867-5309 Rochester, New York XXXX		50 WEST MAIN STREET, SUITE 6100 ROCHESTER, NEW YORK 14614-1231	
PROJECT MANAGER: MANAGER		UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209	
DRAWN BY: DRAFTER		COUNTY ROAD #	
NO. DATE BY:		PROJECT NAME	
		LIMITS	
		PROJECT LIMITS	
		TOWN	
		CAPITAL PROJECT NO.	
		XXXX-XX	
TRAFFIC SIGNALS			
SCALE: NOT TO SCALE			
DATE ISSUED: DATE			
DRAWING NO.			
3 OF 4			

