

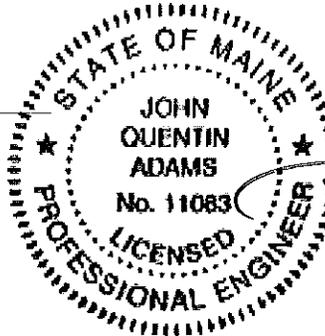
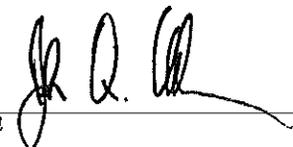
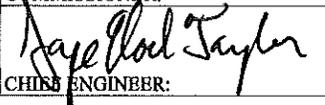
STATE OF MAINE DEPARTMENT OF TRANSPORTATION



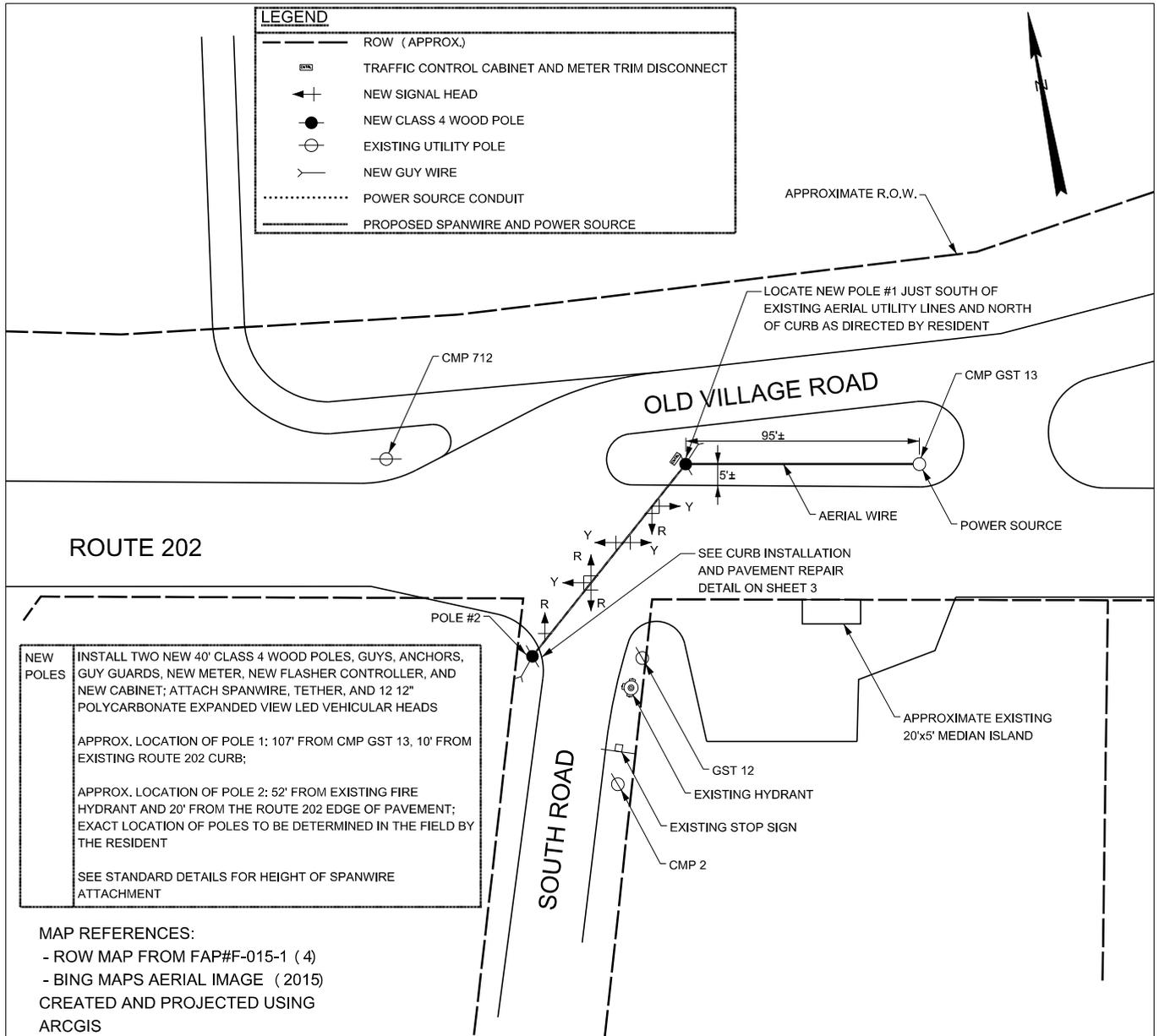
WINTHROP KENNEBEC COUNTY

ROUTE 202 & SOUTH ROAD/OLD VILLAGE ROAD

PROJECT NO. STP-2268(500) FLASHING BEACON INSTALLATION

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|  | | STATE OF MAINE DEPARTMENT OF TRANSPORTATION | |
| SIGNATURE  <hr/> ME-11083 P.E. NUMBER <hr/> 08/21/2015 DATE | APPROVED  <hr/> COMMISSIONER:  CHIEF ENGINEER: | DATE <hr/> 9/1/15 <hr/> 8-31-15 | |
| S. BURNS DESIGNER 08/21/2015 | WINTHROP ROUTE 202 & SOUTH ROAD | | SHEET NUMBER <hr/> 1 <hr/> OF 5 |
| WIN 22685.00 | TITLE SHEET | | |

| LEGEND | |
|--------|---|
| | ROW (APPROX.) |
| | TRAFFIC CONTROL CABINET AND METER TRIM DISCONNECT |
| | NEW SIGNAL HEAD |
| | NEW CLASS 4 WOOD POLE |
| | EXISTING UTILITY POLE |
| | NEW GUY WIRE |
| | POWER SOURCE CONDUIT |
| | PROPOSED SPANWIRE AND POWER SOURCE |



NEW POLES

INSTALL TWO NEW 40' CLASS 4 WOOD POLES, GUYS, ANCHORS, GUY GUARDS, NEW METER, NEW FLASHER CONTROLLER, AND NEW CABINET; ATTACH SPANWIRE, TETHER, AND 12 12" POLYCARBONATE EXPANDED VIEW LED VEHICULAR HEADS

APPROX. LOCATION OF POLE 1: 107' FROM CMP GST 13, 10' FROM EXISTING ROUTE 202 CURB;

APPROX. LOCATION OF POLE 2: 52' FROM EXISTING FIRE HYDRANT AND 20' FROM THE ROUTE 202 EDGE OF PAVEMENT; EXACT LOCATION OF POLES TO BE DETERMINED IN THE FIELD BY THE RESIDENT

SEE STANDARD DETAILS FOR HEIGHT OF SPANWIRE ATTACHMENT

MAP REFERENCES:
 - ROW MAP FROM FAP#F-015-1 (4)
 - BING MAPS AERIAL IMAGE (2015)
 CREATED AND PROJECTED USING ARCGIS

NOT TO SCALE

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WINTHROP
 ROUTE 202 & SOUTH ROAD

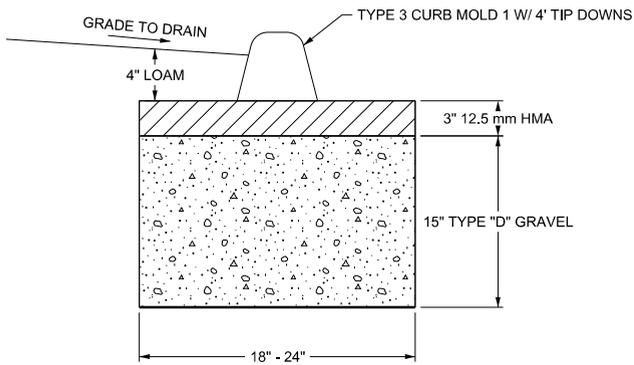
SHEET NUMBER

2

OF 5

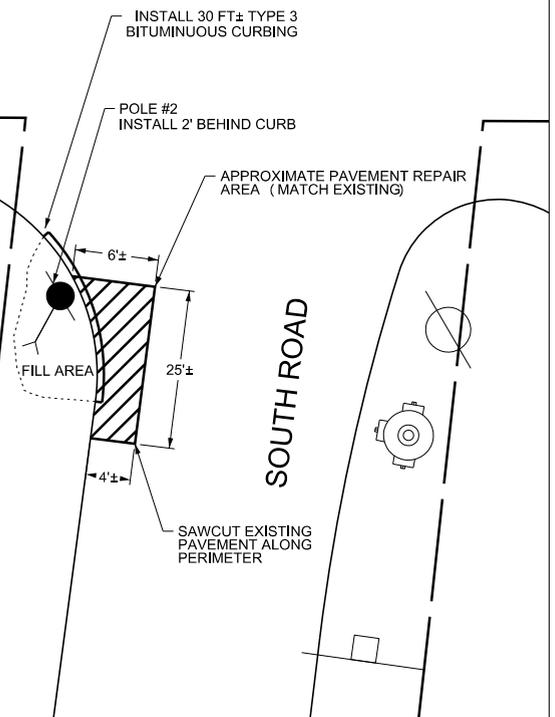
WIN 22685.00

PLAN



TYPICAL CURB SECTION

ROUTE 202



NOTES:

1. EXTENTS AND LOCATION OF TYPE 3 BITUMINOUS CURBING, PAVEMENT REPAIR AREA AND POLE #2 INSTALLATION SHALL BE COORDINATED WITH AND APPROVED BY RESIDENT BEFORE WORK COMMENCES.
2. ITEM 409.15, BITUMINOUS TACK COAT, APPLIED SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO 403.208, HOT MIX ASPHALT, 12.5mm.

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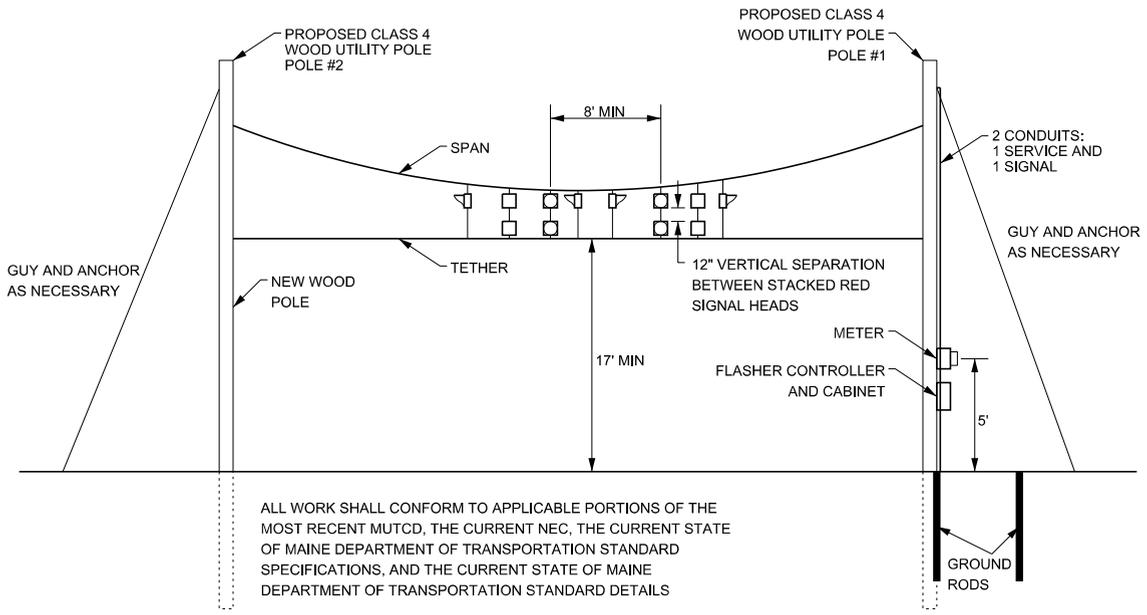
**WINTHROP
ROUTE 202 & SOUTH ROAD**

DETAILS

SHEET NUMBER

3

OF 5



NOT TO SCALE

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| WIN 22685.00 | TYPICAL SHEET | | 4 |
| | | | OF 5 |

GENERAL AND CONSTRUCTION NOTES:

1. THE UTILITIES INVOLVED WITHIN THE PROJECT LIMITS ARE AS FOLLOWS:

- CENTRAL MAINE POWER
- TIME WARNER CABLE
- FAIRPOINT COMMUNICATIONS

2. ANY DAMAGE TO SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.

3. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.

4. SOIL REMOVED FOR INSTALLATION OF WOOD POLES SHALL BE DISPOSED OF AT A LOCATION APPROVED FOR DISPOSAL OF THIS MATERIAL. DISTURBED AREAS SHALL BE SEEDED WITH SEEDING METHOD NO. 2 AND MULCHED. PAYMENT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

5. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF AT LOCATIONS OFF THE PROJECT THAT ARE APPROVED FOR DISPOSAL OF SUCH MATERIALS.

6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL AND SEDIMENT CONTROL, FEBRUARY, 2008. PAYMENT FOR TEMPORARY EROSION CONTROL MEASURES WILL BE INCIDENTAL TO THE CONTRACT.

7. BEACON HEADS EACH SHALL BE 12" DIAMETER, EXPANDED VIEW LED FLASHING VEHICULAR HEADS. TWO YELLOW HEADS SHALL BE INSTALLED FOR EACH APPROACH ON ROUTE 202. FOUR RED HEADS (TWO SETS OF TWO-SECTION VERTICAL PAIRS) SHALL BE INSTALLED FOR THE APPROACH ON SOUTH ROAD/OLD VILLAGE ROAD. HEADS ON EACH APPROACH SHALL FLASH ALTERNATELY. HEADS SHALL BE POLYCARBONATE WITH METAL STIFFENERS ON HANGING CONNECTION POINTS AND A DOUBLE SPAN TO MINIMIZE SAG AND STABILIZE HEADS.

8. THE CONTRACTOR SHALL INSTALL A SELF-CONTAINED METER SOCKET BYPASS (SINGLE PHASE 100 OR 150 AMP) WITH A SINGLE HANDLE LEVER-OPERATED BYPASS FOR METER REMOVAL/CHANGEOUT WITHOUT INTERRUPTING BEACON DISPLAYS

9. ALL WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT, LEGIBLE, WEATHERPROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE.

10. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITIES AT LEAST 48 HOURS IN ADVANCE OF ANY OPERATIONS WHERE POTENTIAL CONFLICT WITH OVERHEAD WIRES MAY OCCUR.

11. THE MAINTENANCE OF BEACONS SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE BY MAINEDOT.

12. PAYMENT UNDER ITEM 643.60 SHALL INCLUDE, BUT IS NOT LIMITED TO, THE INSTALLATION OF BEACON HEADS, LED LAMPS, SPAN WIRE, GUYS, ANCHORS, GROUND RODS, METER, CONTROLLER, CABINET, WIRING, POWER CONNECTION, AND ALL INCIDENTAL MATERIALS AND WORK NECESSARY FOR A FULLY FUNCTIONING BEACON SYSTEM, EXCEPT THOSE ITEMS INCLUDED IN OTHER BID ITEMS OF THE CONTRACT.

13. THE BOTTOM TETHER SHALL FOLLOW THE MAINEDOT STANDARD DETAIL AND INCLUDE ½ INCH, HOT-DIPPED, GALVANIZED STEEL, OPEN END S-HOOKS WITH A WORKING LOAD OF 800 LBS (±10%) OR EQUIVALENT AS APPROVED BY THE ENGINEER

14. A MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION (MDEP) DATA BASE REVIEW SUGGESTED SOME PETROLEUM CONTAMINATION ISSUES IN THE VICINITY OF THE PROJECT. HOWEVER, THE SCOPE OF WORK FOR THIS PROJECT SUGGESTS PETROLEUM OR HAZARDOUS WASTE SHOULD NOT BE ENCOUNTERED. HOWEVER, IN LIGHT OF THE REPORTED SPILLS, THE CONTRACTOR SHALL EMPLOY APPROPRIATE HEALTH AND SAFETY MEASURES TO PROTECT ITS WORKERS AGAINST HAZARDS ASSOCIATED WITH WORKING NEAR PETROLEUM-IMPACTED SOILS. FURTHERMORE, THE CONTRACTOR SHALL REMAIN ALERT FOR ANY ADDITIONAL EVIDENCE OF CONTAMINATION. IF THE CONTRACTOR ENCOUNTERS EVIDENCE OF SOIL OR GROUNDWATER CONTAMINATION, THE CONTRACTOR SHALL SECURE THE EXCAVATION, STOP WORK IN THE CONTAMINATED AREA, AND IMMEDIATELY NOTIFY THE RESIDENT. THE RESIDENT SHALL CONTACT THE MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) OFFICE OF SAFETY AND COMPLIANCE AT (207) 624-3004 AND THE MDEP AT 800-482-0777. WORK MAY ONLY CONTINUE WITH AUTHORIZATION FROM THE RESIDENT.

15. ITEM 409.15, BITUMINOUS TACK COAT, APPLIED, SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCIDENTAL TO 403.208, HOT MIX ASPHALT, 12.5mm.

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