



CONSTRUCTION LEADERS

| LETTER OF TRANSMITTAL | |
|----------------------------|----------------------------|
| DATE: March 4, 2015 | PCL JOB NO: 5515002 |
| ATTN: Chris Barker | TRANSMITTAL NO: 029 |

To: **State of Vermont Agency of Transportation**
 One National Life Drive
 Montpelier, VT 05633-5001
 (802) 828-0053

Re: Hartford Lateral Slide
 Project No.: IM 091-2(79)
 Contract ID.: 12A132
 County: Windsor PCL FILE NO: 5515002-19.1

WE ARE SENDING Attached _____ Under separate cover via **Email & SP** the following:
 _____ Shop drawings _____ Prints Plans _____ Samples _____ Specifications
 _____ Copy of Letter _____ Change Order _____ Other

| COPIES | SPEC. | REVISION | DESCRIPTION |
|--------|---------------------|----------|---------------------------------------|
| 1 | Sheet 5, Note 73 | 1 | TCP – Item 2.3 Traffic Signal Install |
| | | | |
| | | | |
| | | | |
| | | | |

TRANSMITTED for as checked below:

For approval _____ Approved as submitted _____ Resubmit Copies for approval
 _____ For your use _____ Approved as noted _____ Submit _____ Copies for distribution
 _____ As requested _____ Returned for corrections _____ Return _____ Corrected prints
 _____ For review and comment

Remarks:

The attached submittal addresses comments from the Agency dated 2/20/2015. The original submittal was unofficial, however for tracking purposes it was given submittal number (19).

Please return an email of this approved submittal to Erich Heymann (ewheymann@pcl.com) and Jeremy Mackling (jmackling@pcl.com).

We request the review and return of this submittal within **2 days**. Please advise if this request cannot be met so we can plan accordingly.

By: **Erich Heymann**, Project Engineer

COPY TO: Project Files



CONSTRUCTION LEADERS

SUBMITTAL NO. : 19.1
TCP – Item 2.3 Traffic Signal Install

| Item No. | Specification | Description |
|-----------------|----------------------|---------------------------------------|
| 1 | Sheet 5, Note 73 | TCP – Item 2.3 Traffic Signal Install |

PROJECT:
HARTFORD LATERAL SLIDE
PROJECT NO.: IM 091-2(79)
CONTRACT ID.: 12A132

OWNER:
STATE OF VERMONT AGENCY OF TRANSPORTATION

ENGINEER OF RECORD:
STATE OF VERMONT AGENCY OF TRANSPORTATION

CONTRACTOR:
PCL CIVIL CONSTRUCTORS, INC.

MARCH 4, 2015

LEGEND



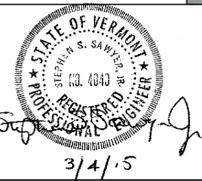
W20-7
36"X36"



W21-5
36"X36"

NOTES:

1. ALL SIGNAGE REFERENCED IN SHEET 2, CONSTRUCTION APPROACH SIGNING, MUST BE COMPLETED PRIOR TO THE IMPLEMENTATION OF THIS PLAN.
2. THIS SIGN PACKAGE IS LIMITED TO WORK INVOLVING THE INSTALLATION OF THE SIGNAL CABINET, SIGNAL POLES AND ELECTRICAL SERVICE TO OCCUR OUTSIDE OF THE EXISTING ROADWAY. THIS SIGN PACKAGE SHALL ALSO COVER REMOVAL OF THIS EQUIPMENT AT THE END OF THE PROJECT.
3. A FLAGGER MAY BE NECESSARY FOR EACH ACTIVE SHOULDER CLOSURE BASED ON THE DISCRETION OF THE CONTRACTOR AND RESIDENT ENGINEER.
4. CONSTRUCTION WARNING SIGNAGE SHALL BE BLACK ON FLUORESCENT ORANGE BACKGROUND SHEETING AND AN ASTM TYPE IX REFLECTIVITY.



TRAFFIC SIGNAL INSTALLATION @ ROUTE 5 AND RAMP F PLAN I

SCALE 1" = 30'-0"
30 0 30



PROJECT NAME: HARTFORD
PROJECT NUMBER: IM 091-2(79)

FILE NAME: sl2a026.Shoulder Closure 1.dgn PLOT DATE: 03/04/15
PROJECT LEADER: K. HIGGINS DRAWN BY: B. LYON
DESIGNED BY: B. LYON CHECKED BY: S. SAWYER
SIGNAL CONSTRUCTION SIGNING SHEET 15 OF ??

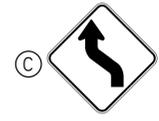
LEGEND



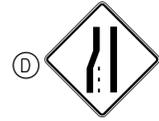
W20-7
36"X36"



W1-4R
36"X36"



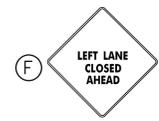
W1-4L
36"X36"



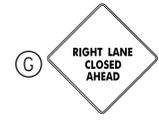
W4-2L
36"X36"



W4-2R
36"X36"



W9-3L
36"X36"

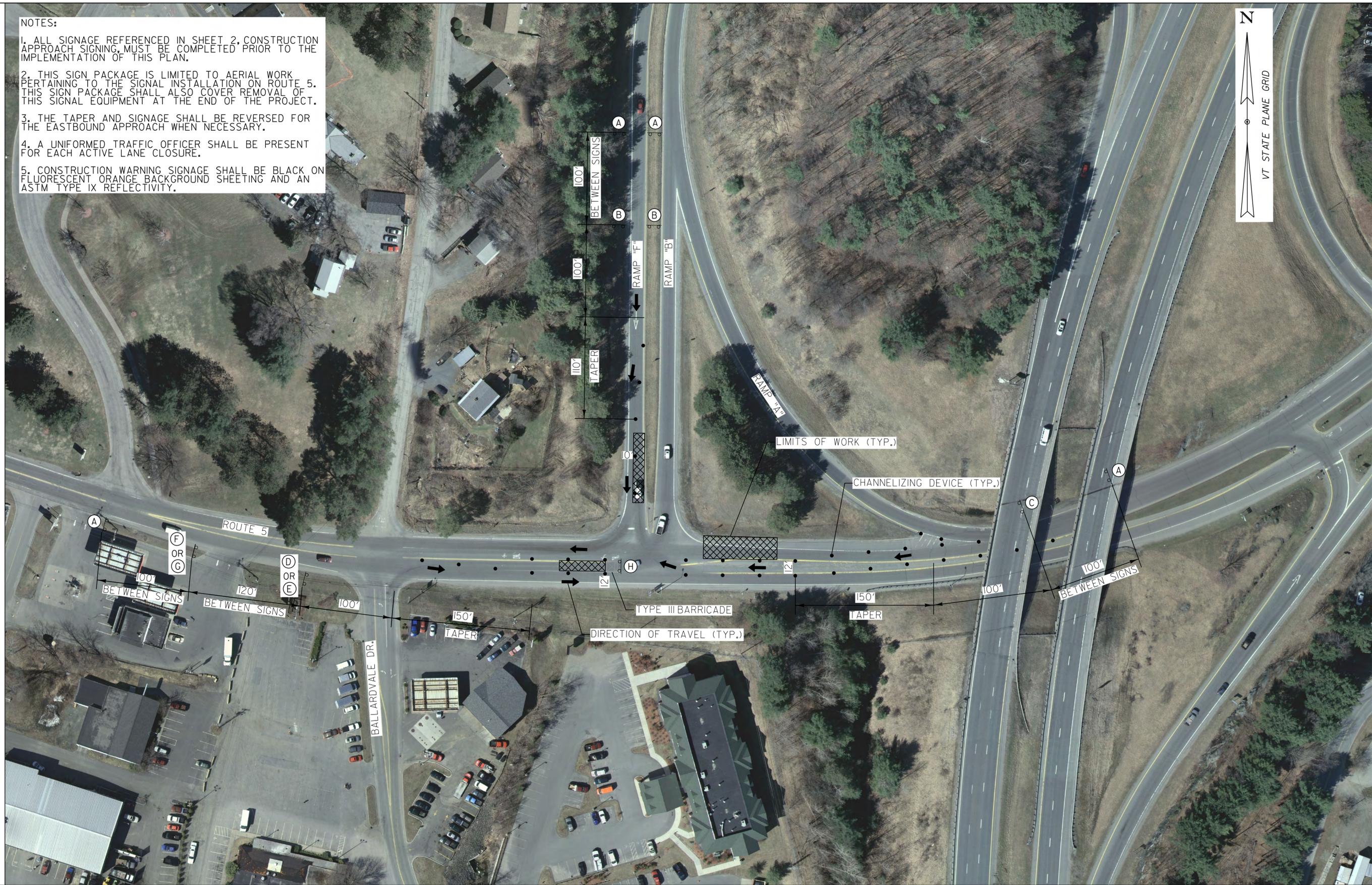
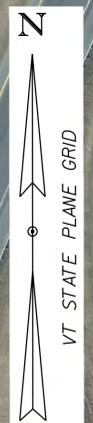


W9-3R
36"X36"



R4-7
36"X48"

NOTES:
 1. ALL SIGNAGE REFERENCED IN SHEET 2, CONSTRUCTION APPROACH SIGNING, MUST BE COMPLETED PRIOR TO THE IMPLEMENTATION OF THIS PLAN.
 2. THIS SIGN PACKAGE IS LIMITED TO AERIAL WORK PERTAINING TO THE SIGNAL INSTALLATION ON ROUTE 5. THIS SIGN PACKAGE SHALL ALSO COVER REMOVAL OF THIS SIGNAL EQUIPMENT AT THE END OF THE PROJECT.
 3. THE TAPER AND SIGNAGE SHALL BE REVERSED FOR THE EASTBOUND APPROACH WHEN NECESSARY.
 4. A UNIFORMED TRAFFIC OFFICER SHALL BE PRESENT FOR EACH ACTIVE LANE CLOSURE.
 5. CONSTRUCTION WARNING SIGNAGE SHALL BE BLACK ON FLUORESCENT ORANGE BACKGROUND SHEETING AND AN ASTM TYPE IX REFLECTIVITY.



TRAFFIC SIGNAL INSTALLATION @ ROUTE 5 AND RAMP F PLAN 2

SCALE 1" = 50'-0"
 50 0 50

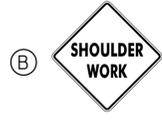


| | | |
|------------------------------|---------------------------------------|-----------------------|
| PROJECT NAME: HARTFORD | FILE NAME: sl2a026_Lane Closure 1.dgn | PLOT DATE: 02/18/15 |
| PROJECT NUMBER: IM 091-2(79) | PROJECT LEADER: K. HIGGINS | DRAWN BY: B. LYON |
| | DESIGNED BY: B. LYON | CHECKED BY: S. SAWYER |
| | SIGNAL CONSTRUCTION SIGNING | SHEET 16 OF ?? |

LEGEND



W20-7
36"X36"



W21-5
36"X36"



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TRAFFIC SIGNAL INSTALLATION @ ROUTE 5 AND RAMP C PLAN I

SCALE 1" = 30' - 0"
30 0 30

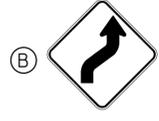


| | |
|-----------------------------|--------------------------------|
| PROJECT NAME: | HARTFORD |
| PROJECT NUMBER: | IM 091-2(79) |
| FILE NAME: | sl2a026.Shoulder Closure 2.dgn |
| PROJECT LEADER: | K. HIGGINS |
| DESIGNED BY: | B. LYON |
| SIGNAL CONSTRUCTION SIGNING | |
| PLOT DATE: | 03/04/15 |
| DRAWN BY: | B. LYON |
| CHECKED BY: | S. SAWYER |
| SHEET | 17 OF ?? |

LEGEND



W20-7
36"X36"



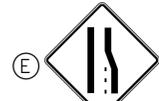
W1-4R
36"X36"



W1-4L
36"X36"



W4-2L
36"X36"



W4-2R
36"X36"



W9-3L
36"X36"



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TRAFFIC SIGNAL INSTALLATION @ ROUTE 5 AND RAMP F PLAN 2

SCALE 1" = 50'-0"
50 0 50



PROJECT NAME: HARTFORD
PROJECT NUMBER: IM 091-2(79)

FILE NAME: sl2a026_Lane Closure 2.dgn
PROJECT LEADER: K. HIGGINS
DESIGNED BY: B. LYON
SIGNAL CONSTRUCTION SIGNING

PLOT DATE: 03/04/15
DRAWN BY: B. LYON
CHECKED BY: S. SAWYER
SHEET 18 OF ??