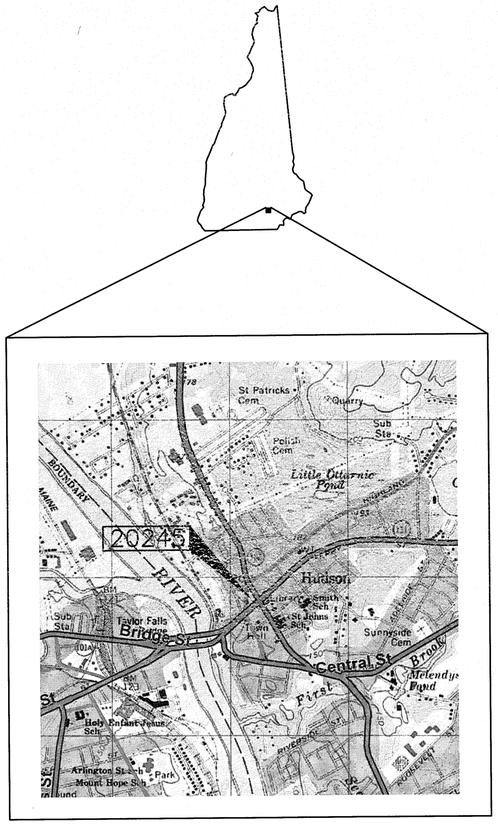
CONGESTION MITIGATION AND AIR QUALITY PROJECT

NHDOT # 20245

FEDERAL PROJECT # X-A002 (051)

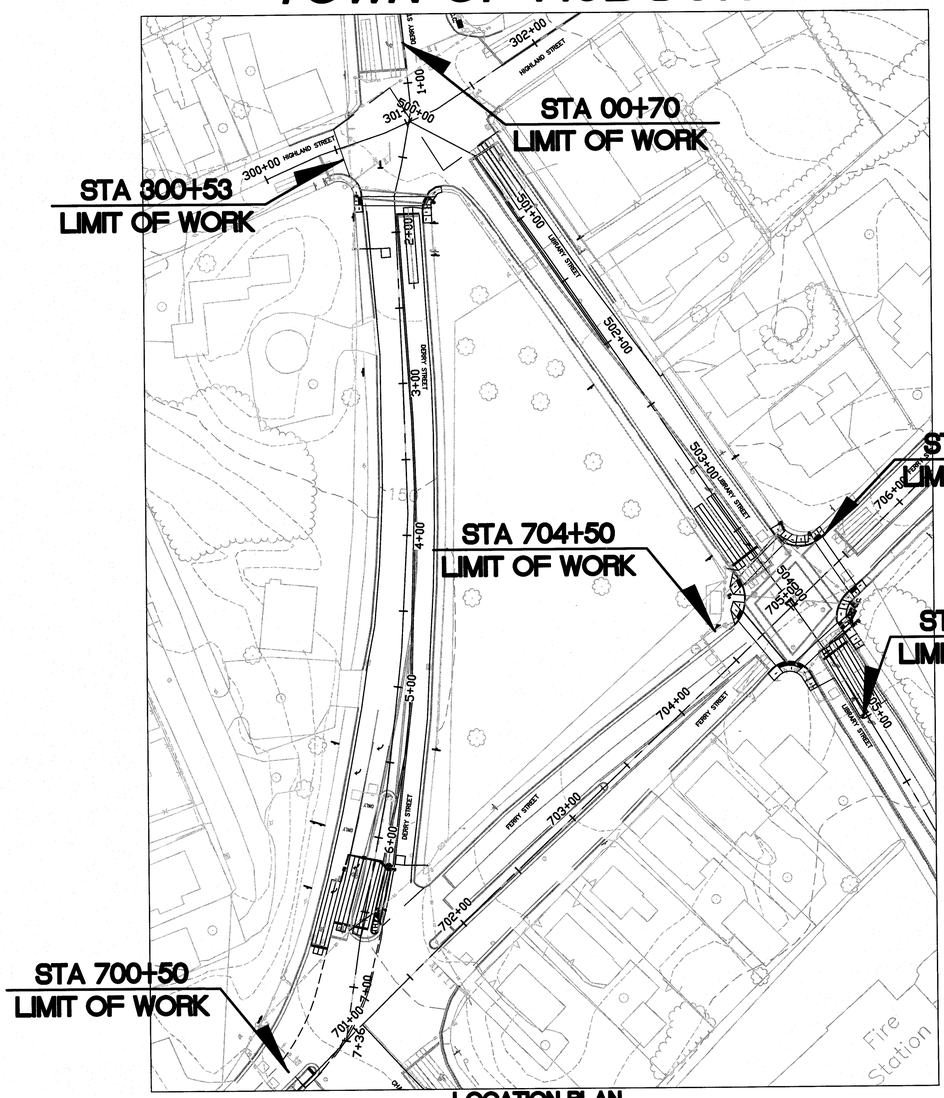
# INTERSECTION IMPROVEMENTS

## LIBRARY PARK
## HUDSON, NEW HAMPSHIRE
## PREPARED FOR
## TOWN OF HUDSON




LOCUS PLAN

SCALE: 1"=1,000'




LOCATION PLAN

GRAPHIC SCALE

50 0 25 50 100

( IN FEET )

1 inch = 50 ft.

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DIG SAFE

CONTACT DIG SAFE 72 HOURS PRIOR TO CONSTRUCTION

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. CLD CONSULTING ENGINEERS, INC. MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. 72 HOURS PRIOR TO ANY EXCAVATION ON SITE, THE CONTRACTOR SHALL CONTACT DIG-SAFE AT 1-888-DIG-SAFE.

| NO. | DATE | REVISION |
|---|---|---|
| 1 | NOV-14 | REVISIONS PER NHDOT REVIEW |

DRAWN: KMG | DESIGNED: RWL | CHECKED: HJM/PK | APPROVED: RWL


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Maine-New Hampshire-Vermont


STATE OF NEW HAMPSHIRE - ROBERT W. LYFORD No. 3804 - PROFESSIONAL ENGINEER

11/24/14

CLIENT: TOWN OF HUDSON
12 SCHOOL STREET
HUDSON, NEW HAMPSHIRE 03051

CMAQ
INTERSECTION IMPROVEMENTS
LIBRARY PARK
HUDSON, NEW HAMPSHIRE

COVER SHEET

| SCALE: | JOB NO. |
|---|---|
| AS SHOWN | 11-0347 |
| DATE: FEBRUARY 2014 | DWG. T-1 |
| | 1 OF 24 |

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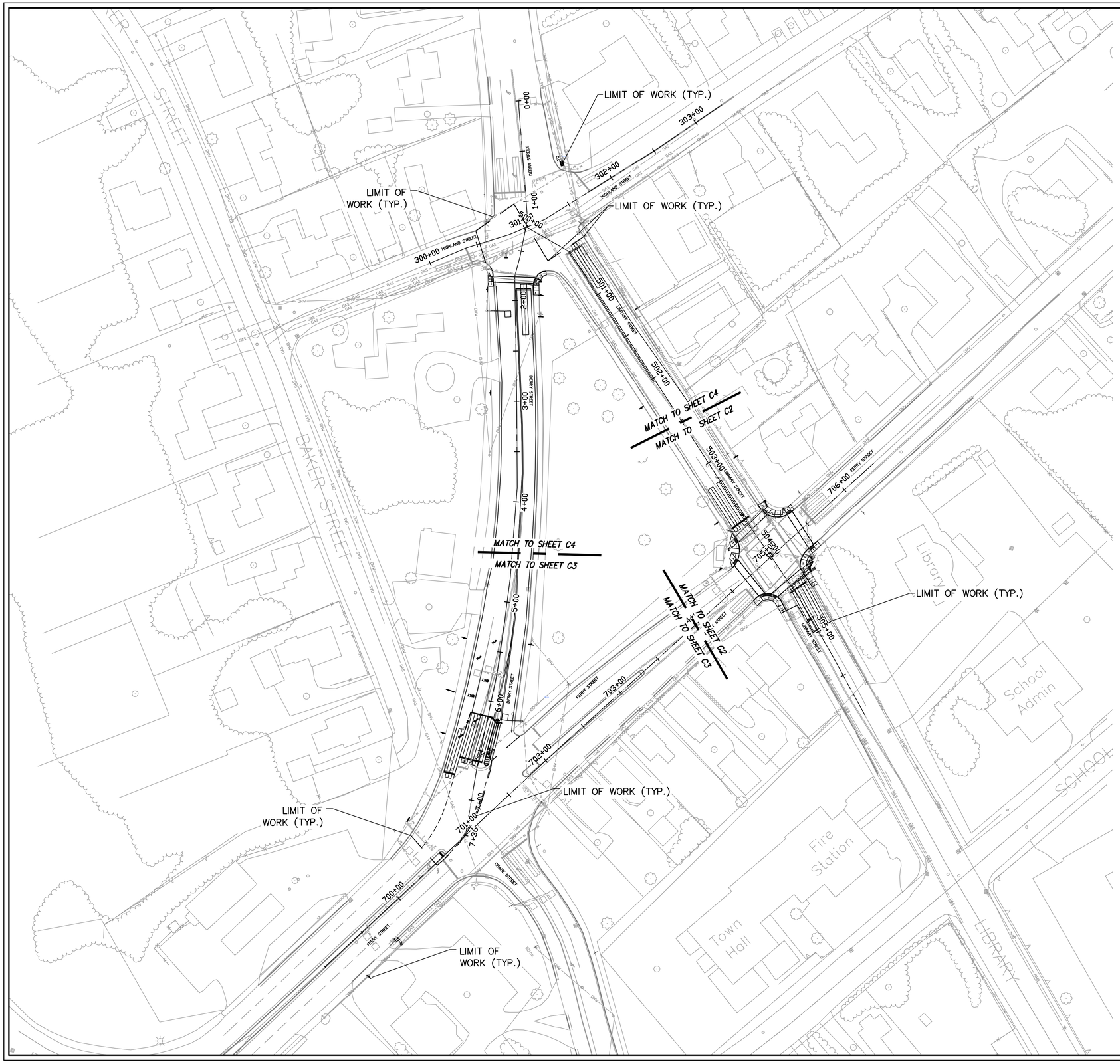


*NOTES:*

*1) THE PURPOSE OF THIS PLAN IS TO DEPICT AN OVERVIEW OF THE PROPOSED IMPROVEMENTS RELATED TO THE CMAQ PROJECT #20245.*

## LEGEND

| EXISTING | | PROPOSED |
|---|---|---|
| C.C. | CONTROLLER CABINET | C.C. |
| | SIGNAL HEAD | |
| | MAST ARM WITH SIGNAL STANDARD | |
| | OPTICOM RECEIVERS | |
| | STROBE LIGHT | |
| | PEDESTRIAN SIGNAL | |
| | MOUNTED SIGN | |
| | STANDARD QUADRUPOLE LOOP DETECTOR 2-4-2 TURNS | |
| | STANDARD RETANGULAR LOOP | |
| PB | PULL BOX | PB |
| MP | METER PEDESTAL | MP |
| | PEDESTRIAN PUSH BUTTON | |
| | SIGNAL POLE (W/ PEDESTAL BASE) | |
| | EDGE OF PAVEMENT | |
| | LIGHT POST | |
| UGE | UNDERGROUND UTILITIES | UGE |
| W | WATER LINE | |
| OHW | OVERHEAD UTILITIES | |
| WV | WATER VALVE | |
| GV | GAS GATE | |
| | STREET SIGN | |
| | SIGNAL CONDUIT | |
| | UTILITY POLE | |
| | FIRE HYDRANT | |
| | GRANITE CURB | |
| | BITUMINOUS CURB | |

GRAPHIC SCALE
50 0 25 50 100
( IN FEET )
1 inch = 50 ft.

| NO. | DATE | REVISION | DESIGNED: | CHECKED: | APPROVED: |
|---|---|---|---|---|---|
| 1 | NOV-14 | REVISIONS PER NHDOT REVIEW | RWL | HJM/PK | RWL |
| | | | DRAWN: KMG | | |

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CMAQ
INTERSECTION IMPROVEMENTS
LIBRARY PARK
HUDSON, NEW HAMPSHIRE
GENERAL PLAN OVERVIEW

| SCALE: | JOB NO. |
|---|---|
| 1"=50' | 11-0347 |
| DATE: FEBRUARY 2014 | DWG. C-1 |
| | 8 OF 24 |

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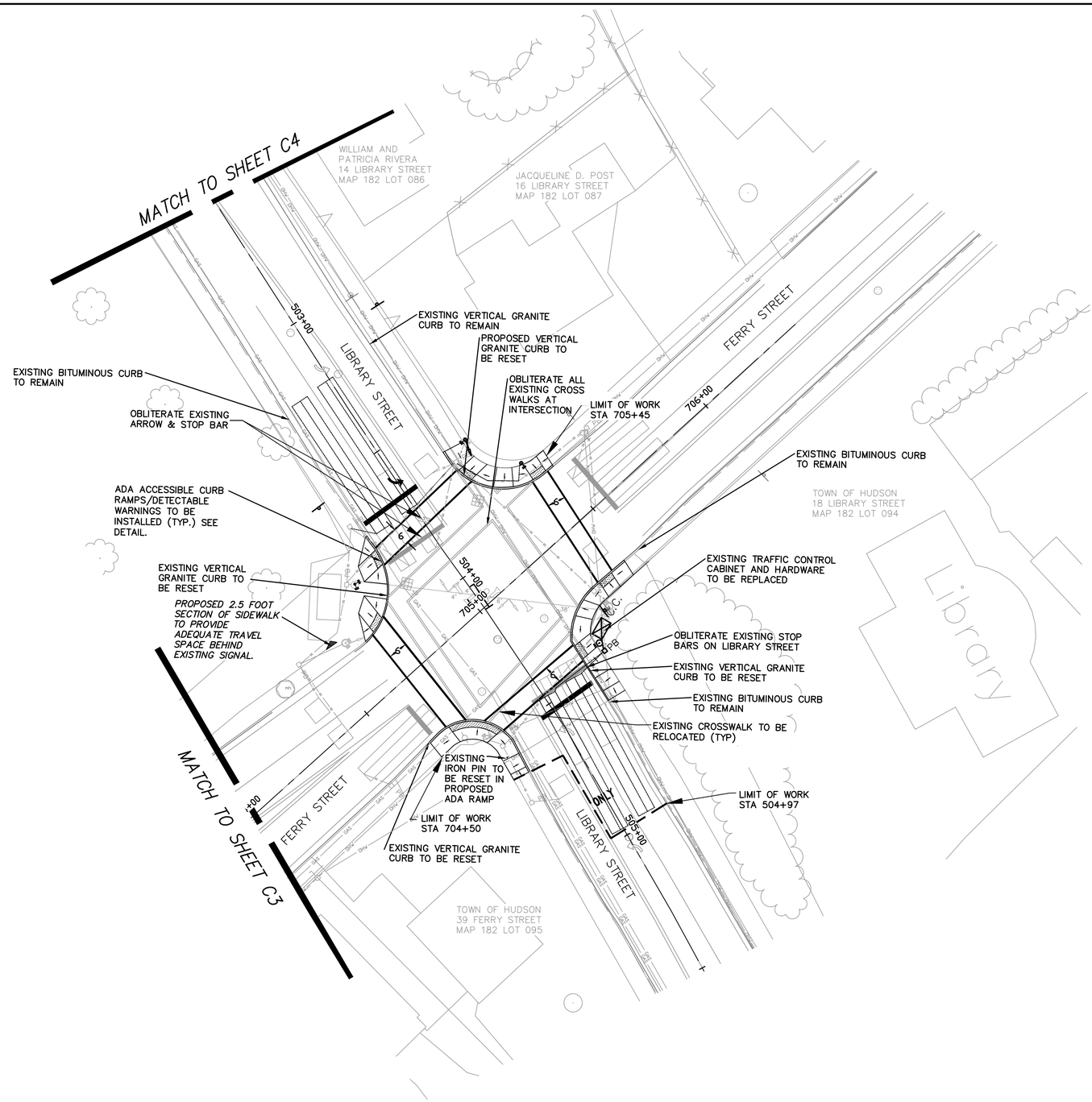


GRAPHIC SCALE

20 0 10 20 40

( IN FEET )
1 inch = 20 ft.

| NO. | DATE | REVISION | DESIGNED: | CHECKED: | APPROVED: |
|---|---|---|---|---|---|
| | | | RWL | HJM/PK | RWL |
| | | | DRAWN: KMG | | |


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CMAQ
INTERSECTION IMPROVEMENTS
LIBRARY PARK
HUDSON, NEW HAMPSHIRE
GENERAL PLAN
(LIBRARY ST. AND FERRY ST.)

| SCALE: | JOB NO. |
|---|---|
| 1"=20' | 11-0347 |
| DATE: FEBRUARY 2014 | DWG. C-2 |
| | 9 OF 24 |

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MATCH TO SHEET C4

LEONARD A. SMITH REV.TRUST
4 DERRY STREET
MAP 182 LOT 082

EXISTING OM1-3 AND R4-7A SIGNS TO BE REMOVED

EXISTING "FORM SINGLE LANE ONLY" SIGNS TO BE REMOVED

ADDITIONAL DESIGNATED TURNING LANE ONTO FERRY STREET.

DERRY STREET

EXISTING TRAFFIC CONTROL CABINET TO HAVE HARDWARE REPLACED.

PROPOSED LOOPS (TYP.)

EXISTING R4-7C AND R10-7 SIGNS TO BE REMOVED

PROPOSED SLOPED GRANITE CURB TO BE RESET AROUND ISLAND (TO BE SUPPLEMENTED WITH NEW CURVED)

PROPOSED TEXTURED REINFORCED CONCRETE IN FRONT OF ISLAND.

LIMIT OF PROPOSED MILL AND PAVING ON DERRY STREET– STA 06+73

RELOCATED RAISED PAVED ISLAND WITH SIGNAL POLE

LIMIT OF WORK

CUMBERLAND FARMS, INC.
18 FERRY STREET
MAP 182 LOT 069

LIMIT OF WORK
STA 700+50

FERRY STREET

CHASE STREET

NASH, MORAN, ALDEBARAN PROP.
C/O Q PETER NASH, TR.
16 CHASE STREET
MAP 182 LOT 068

LIMIT OF WORK
STA 699+25

MATCH TO SHEET C2

DENISE L. BIBEAU
37 FERRY STREET
MAP 182 LOT 096

DOUGLAS B. AND JUSTINE GOLDSACK
35 FERRY STREET
MAP 182 LOT 097

DOUGLAS B. AND JUSTINE GOLDSACK
33 FERRY STREET
MAP 182 LOT 098

LEONARD R. AND INGRID BURTON
31 FERRY STREET
MAP 182 LOT 099

DAVID S. ARCHAMBUALT
29 FERRY STREET
MAP 182 LOT 100

GRAPHIC SCALE
20 0 10 20 40
( IN FEET )
1 inch = 20 ft.

| NO. | DATE | REVISION |
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CMAQ
INTERSECTION IMPROVEMENTS
LIBRARY PARK
HUDSON, NEW HAMPSHIRE
**GENERAL PLAN (CHASE ST., FERRY ST. AND DERRY ST.)**

| SCALE: | JOB NO. |
|---|---|
| 1"=20' | 11-0347 |
| DATE: FEBRUARY 2014 | DWG. C-3 10 OF 24 |

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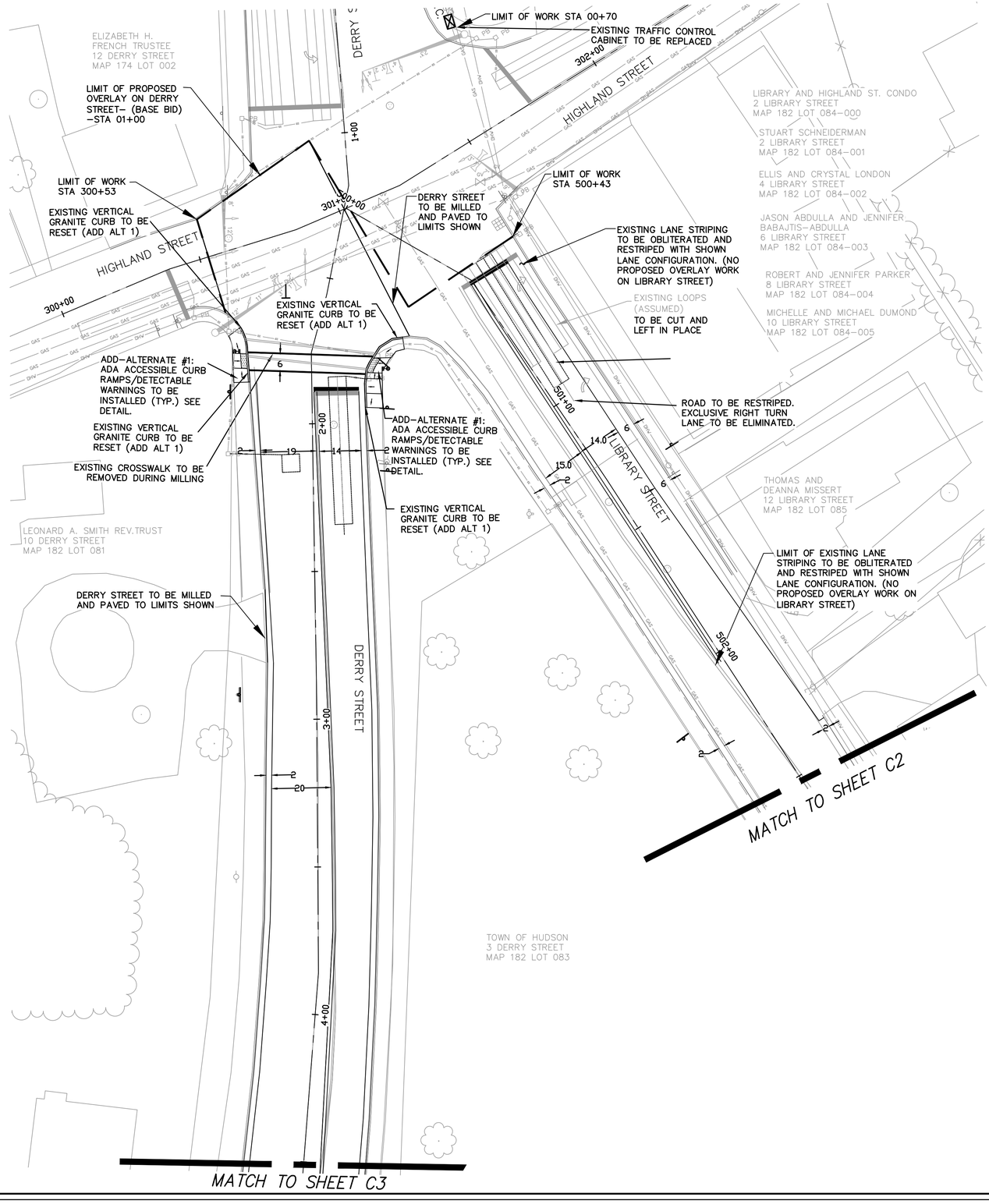


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( IN FEET )
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DRAWN: KMG


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GENERAL PLAN
(HIGHLAND ST., DERRY ST. AND LIBRARY ST.)

| SCALE: | JOB NO. |
|---|---|
| 1"=20' | 11–0347 |
| DATE: FEBRUARY 2014 | DWG. C-4 11 OF 24 |

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