NOTES:

1. THIS PLAN DOES NOT REPRESENT THE RESULTS OF A BOUNDARY SURVEY. NO FIELD SURVEY OR FIELD VERIFICATION WAS CONDUCTED.
2. PROPERTY LINES ARE SHOWN FOR GEOGRAPHICAL PURPOSES ONLY. THE PROPERTY LINES SHOWN FOR "FEE OWNERSHIP" PARCELS ARE BASED ON TAX ASSESSOR'S INFORMATION, DEEDS, AND PLANS OF RECORD. THESE LINES WERE NOT VERIFIED ON THE GROUND.
3. THE APPROXIMATE BEARINGS AND DISTANCES SHOWN WERE GENERATED USING MAPPING SOFTWARE AND DO NOT REPRESENT RECORD BEARINGS OR DIMENSIONS FROM DEEDS AND PLANS.
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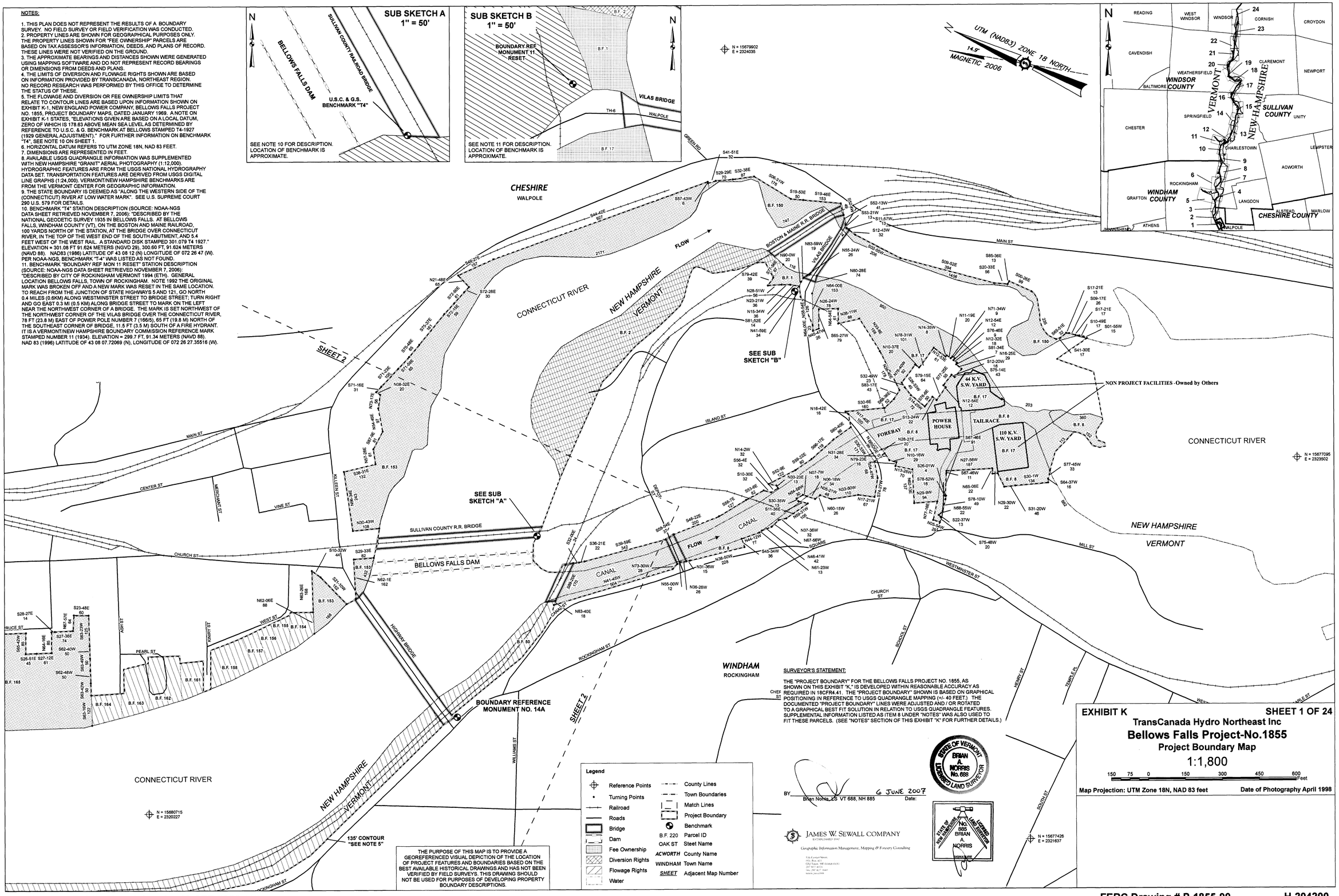
5. THE FLOWAGE AND DIVERSION OR FEE OWNERSHIP LIMITS THAT RELATE TO CONTOUR LINES ARE BASED UPON INFORMATION SHOWN ON EXHIBIT K-1, NEW ENGLAND POWER COMPANY, BELLOWS FALLS PROJECT NO. 1855, PROJECT BOUNDARY MAPS, DATED JANUARY 1969. A NOTE ON EXHIBIT K-1 STATES, "ELEVATIONS GIVEN ARE BASED ON A LOCAL DATUM, ZERO OF WHICH IS 178.63 ABOVE MEAN SEA LEVEL AS DETERMINED BY REFERENCE TO U.S.C. & G. BENCHMARK AT BELLOWS STAMPED T4-1927 (1929 GENERAL ADJUSTMENT)." FOR FURTHER INFORMATION ON BENCHMARK "T4", SEE NOTE 10 ON SHEET 1.
6. HORIZONTAL DATUM REFERS TO UTM ZONE 18N, NAD 83 FEET.
7. DIMENSIONS ARE REPRESENTED IN FEET.
8. AVAILABLE USGS QUADRANGLE INFORMATION WAS SUPPLEMENTED WITH NEW HAMPSHIRE "GRANIT" AERIAL PHOTOGRAPHY (1:12,000). HYDROGRAPHIC FEATURES ARE FROM THE USGS NATIONAL HYDROGRAPHY DATA SET. TRANSPORTATION FEATURES ARE DERIVED FROM USGS DIGITAL LINE GRAPHS (1:24,000). VERMONT/NEW HAMPSHIRE BENCHMARKS ARE FROM THE VERMONT CENTER FOR GEOGRAPHIC INFORMATION.
9. THE STATE BOUNDARY IS DEEMED AS "ALONG THE WESTERN SIDE OF THE (CONNECTICUT) RIVER AT LOW WATER MARK". SEE U.S. SUPREME COURT 290 U.S. 579 FOR DETAILS.
10. BENCHMARK "T4" STATION DESCRIPTION (SOURCE: NOAA-NGS DATA SHEET RETRIEVED NOVEMBER 7, 2006): "DESCRIBED BY THE NATIONAL GEODETIC SURVEY 1935 IN BELLOWS FALLS. AT BELLOWS FALLS, WINDHAM COUNTY (VT), ON THE BOSTON AND MAINE RAILROAD, 100 YARDS NORTH OF THE STATION, AT THE BRIDGE OVER CONNECTICUT RIVER, IN THE TOP OF THE WEST END OF THE SOUTH ABUTMENT, AND 5.4 FEET WEST OF THE WEST RAIL. A STANDARD DISK STAMPED 301.079 T4 1927." ELEVATION = 301.08 FT 91.624 METERS (NGVD 29), 300.60 FT, 91.624 METERS (NAVD 88). NAD83 (1986) LATITUDE OF 43 08 12 (N) LONGITUDE OF 072 26 47 (W). PER NOAA-NGS, BENCHMARK "T-4" WAS LISTED AS NOT FOUND.
11. BENCHMARK "BOUNDARY REF MON 11 RESET" STATION DESCRIPTION (SOURCE: NOAA-NGS DATA SHEET RETRIEVED NOVEMBER 7, 2006): "DESCRIBED BY CITY OF ROCKINGHAM VERMONT 1994 (ETH). GENERAL LOCATION BELLOWS FALLS, TOWN OF ROCKINGHAM. NOTE 1992 THE ORIGINAL MARK WAS BROKEN OFF AND A NEW MARK WAS RESET IN THE SAME LOCATION. TO REACH FROM THE JUNCTION OF STATE HIGHWAYS 5 AND 121, GO NORTH 0.4 MILES (0.6KM) ALONG WESTMINSTER STREET TO BRIDGE STREET; TURN RIGHT AND GO EAST 0.3 MI (0.5 KM) ALONG BRIDGE STREET TO MARK ON THE LEFT NEAR THE NORTHWEST CORNER OF A BRIDGE. THE MARK IS SET NORTHWEST OF THE NORTHWEST CORNER OF THE VILAS BRIDGE OVER THE CONNECTICUT RIVER, 78 FT (23.8 M) EAST OF POWER POLE NUMBER 7 (166/5), 65 FT (19.8 M) NORTH OF THE SOUTHEAST CORNER OF BRIDGE, 11.5 FT (3.5 M) SOUTH OF A FIRE HYDRANT. IT IS A VERMONT/NEW HAMPSHIRE BOUNDARY COMMISSION REFERENCE MARK STAMPED NUMBER 11 (1934). ELEVATION = 299.7 FT, 91.34 METERS (NAVD 88). NAD 83 (1996) LATITUDE OF 43 08 07.72069 (N), LONGITUDE OF 072 26 27.35516 (W).




SURVEYOR'S STATEMENT:

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Legend

- Reference Points
- Turning Points
- Railroad
- Roads
- Bridge
- Dam
- Fee Ownership
- Diversion Rights
- Flowage Rights
- Water
- County Lines
- Town Boundaries
- Match Lines
- Project Boundary
- Benchmark
- B.F. 220 Parcel ID
- OAK ST Steet Name
- *ACWORTH* County Name
- WINDHAM Town Name
- *SHEET* Adjacent Map Number

THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

BY Brian Norris, LS VT 688, NH 885 Date: 6 JUNE 2007

STATE OF VERMONT — BRIAN A. NORRIS No. 688 — LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE — No. 885 BRIAN A. NORRIS — LICENSED LAND SURVEYOR — SIGNATURE

JAMES W. SEWALL COMPANY
ESTABLISHED 1956
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
P.O. Box 442
Old Town, ME 04468-0442
207 827 4432
fax 207 827 3847
www.jwsc.com

**EXHIBIT K** — **SHEET 1 OF 24**

**TransCanada Hydro Northeast Inc**

**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:1,800

150 75 0 150 300 450 600 Feet

**Map Projection: UTM Zone 18N, NAD 83 feet** — **Date of Photography April 1998**

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-99** **H-204200**

NOTES:

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9. THE STATE BOUNDARY IS DEEMED AS "ALONG THE WESTERN SIDE OF THE (CONNECTICUT) RIVER AT LOW WATER MARK". SEE U.S. SUPREME COURT 290 U.S. 579 FOR DETAILS.

SURVEYOR'S STATEMENT:

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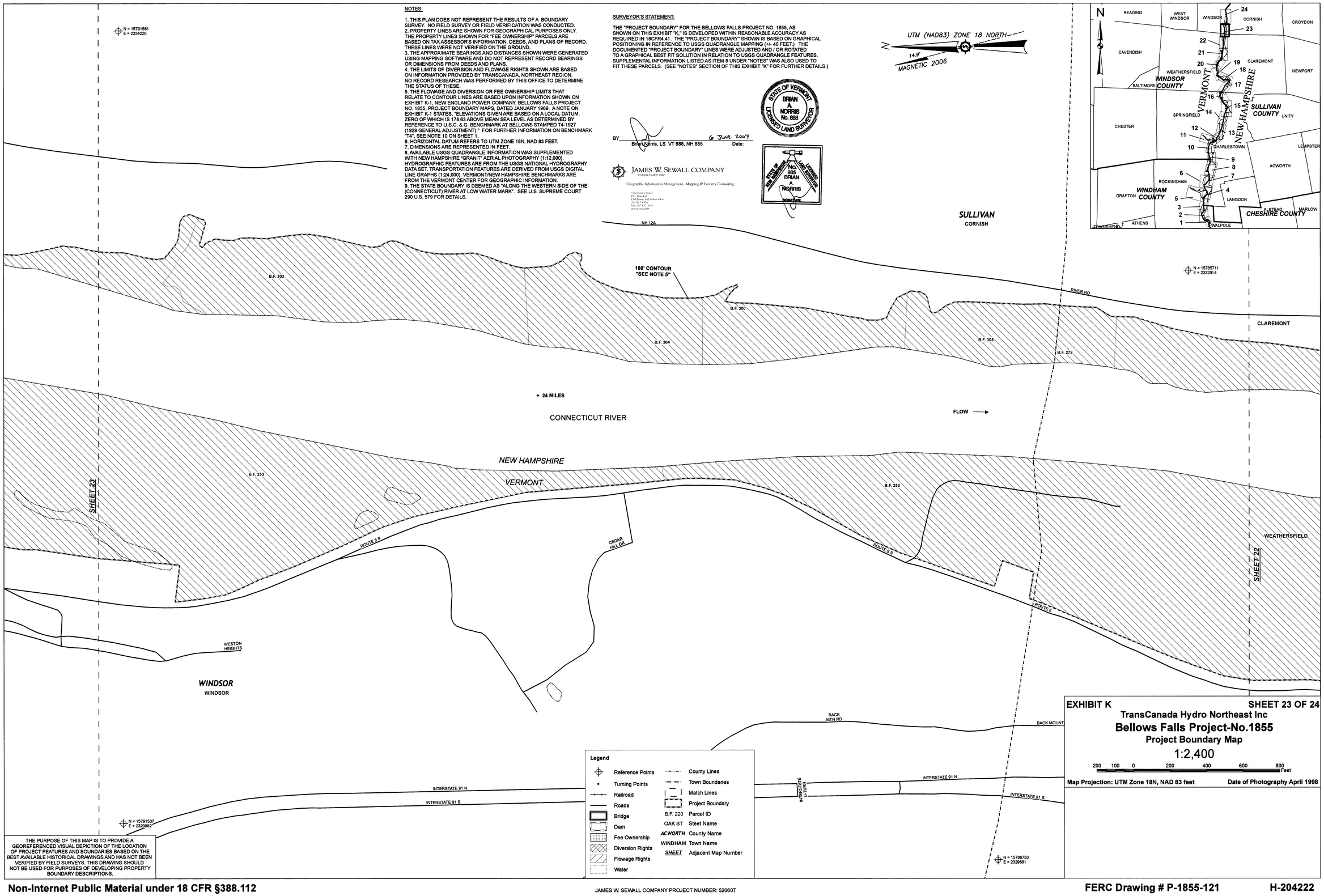
BY _____ 6 JUNE 2007
Brian A. Norris, LS VT 688, NH 885 Date:

JAMES W. SEWALL COMPANY
ESTABLISHED 1980
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
P.O. Box 442
Old Town, ME 04468-0442
207 827 4456
fax: 207 827 3651
www.jws.com

STATE OF VERMONT — BRIAN A. NORRIS No. 688 — LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE — No. 885 BRIAN A. NORRIS — LICENSED LAND SURVEYOR




Legend

| | | | |
|---|---|---|---|
| | Reference Points | | County Lines |
| | Turning Points | | Town Boundaries |
| | Railroad | | Match Lines |
| | Roads | | Project Boundary |
| | Bridge | B.F. 220 | Parcel ID |
| | Dam | OAK ST | Steet Name |
| | Fee Ownership | *ACWORTH* | County Name |
| | Diversion Rights | WINDHAM | Town Name |
| | Flowage Rights | *SHEET* | Adjacent Map Number |
| | Water | | |

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EXHIBIT K — SHEET 23 OF 24

TransCanada Hydro Northeast Inc

**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:2,400

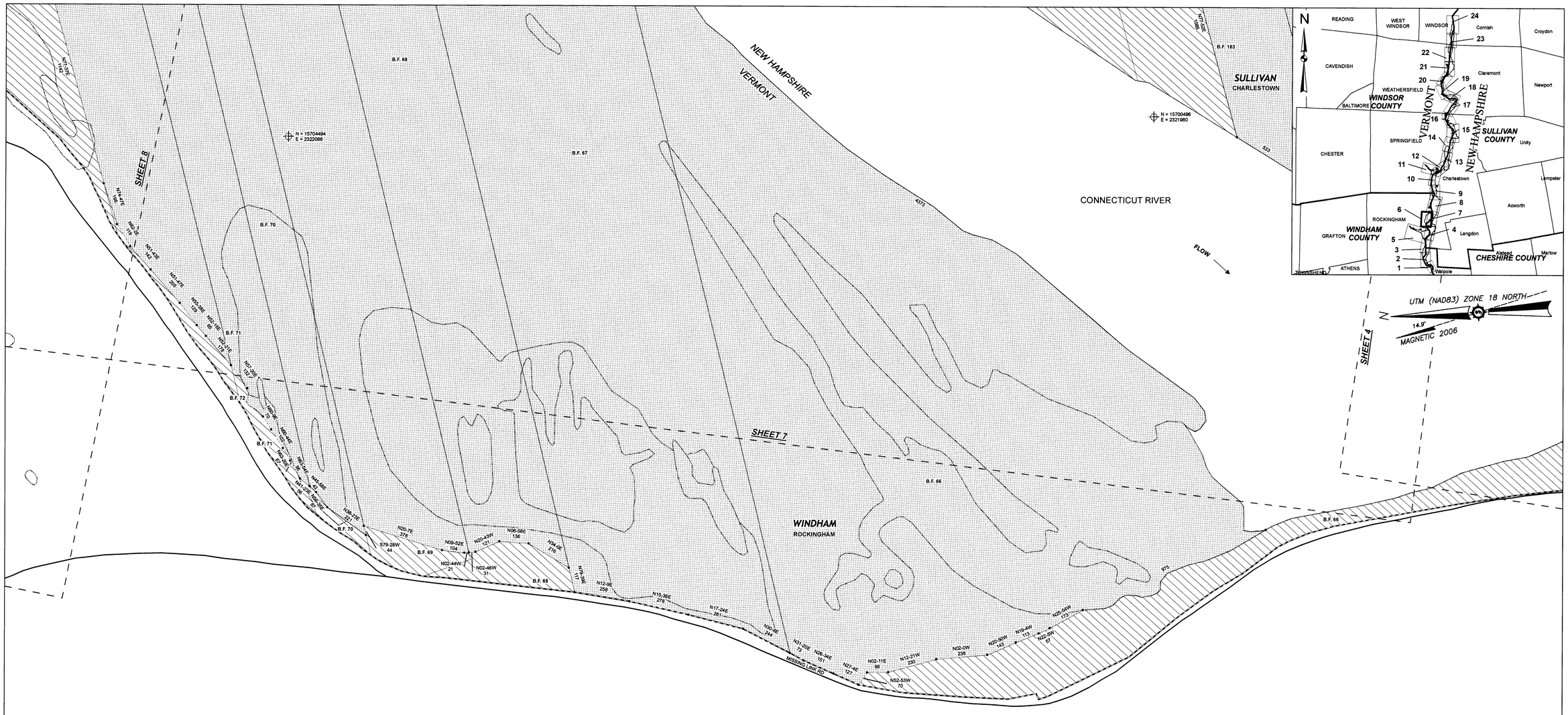
200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-121** **H-204222**

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BY _____ 6 JUNE 2007
Brian Norris, LS VT 688, NH 885 Date:

STATE OF VERMONT
BRIAN A. NORRIS
No. 688
LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE
No. 885
BRIAN A. NORRIS
LICENSED LAND SURVEYOR
SIGNATURE

JAMES W. SEWALL COMPANY
ESTABLISHED 1860
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
P.O. Box 444
Old Town, ME 04468-0444
Tel. 207 827 3913
Fax 207 827 7845
www.jwscc.com

Legend

| | | | |
|---|---|---|---|
| ⌖ | Reference Points | | County Lines |
| • | Turning Points | | Town Boundaries |
| | Railroad | | Match Lines |
| | Roads | | Project Boundary |
| | Bridge | B.F. 220 | Parcel ID |
| | Dam | OAK ST | Steet Name |
| | Fee Ownership | *ACWORTH* | County Name |
| | Diversion Rights | WINDHAM | Town Name |
| | Flowage Rights | *SHEET* | Adjacent Map Number |
| | Water | | |

**EXHIBIT K** **SHEET 6 OF 24**

**TransCanada Hydro Northeast Inc**

# Bellows Falls Project-No.1855

## Project Boundary Map

1:2,400

200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet Date of Photography April 1998

THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

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BY _____ 6 JUNE 2007
Brian Norris, LS VT 688, NH 885 Date:

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3 Sta Center Street
P.O. Box 453
Old Town, ME 04468-0453
(207) 827-4456
(207) 827-3445
www.jwsc.com

STATE OF VERMONT — BRIAN A. NORRIS No. 688 — LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE — No. 885 BRIAN A. NORRIS — LICENSED LAND SURVEYOR

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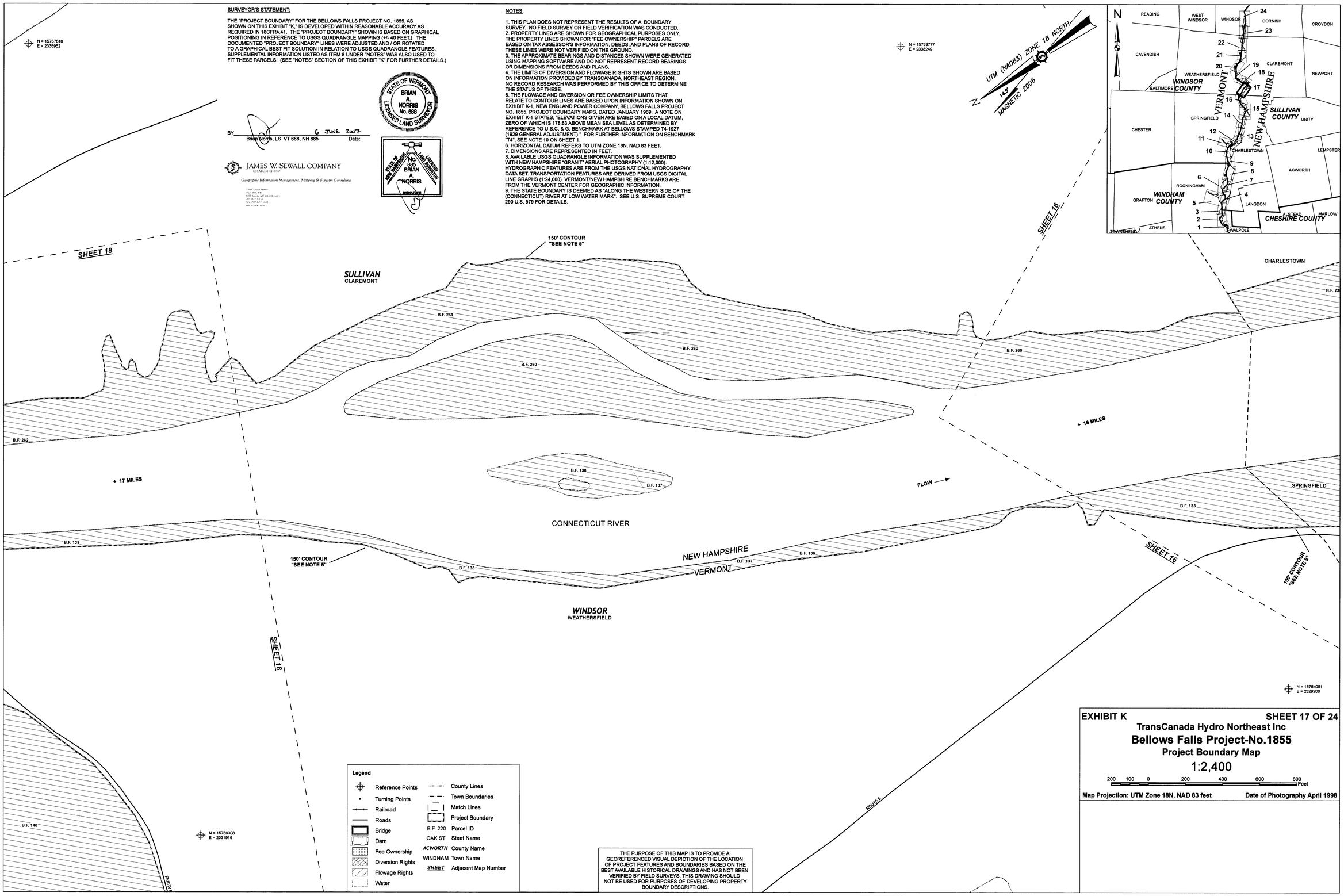


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EXHIBIT K — SHEET 17 OF 24

TransCanada Hydro Northeast Inc

**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:2,400

200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-115** **H-204216**

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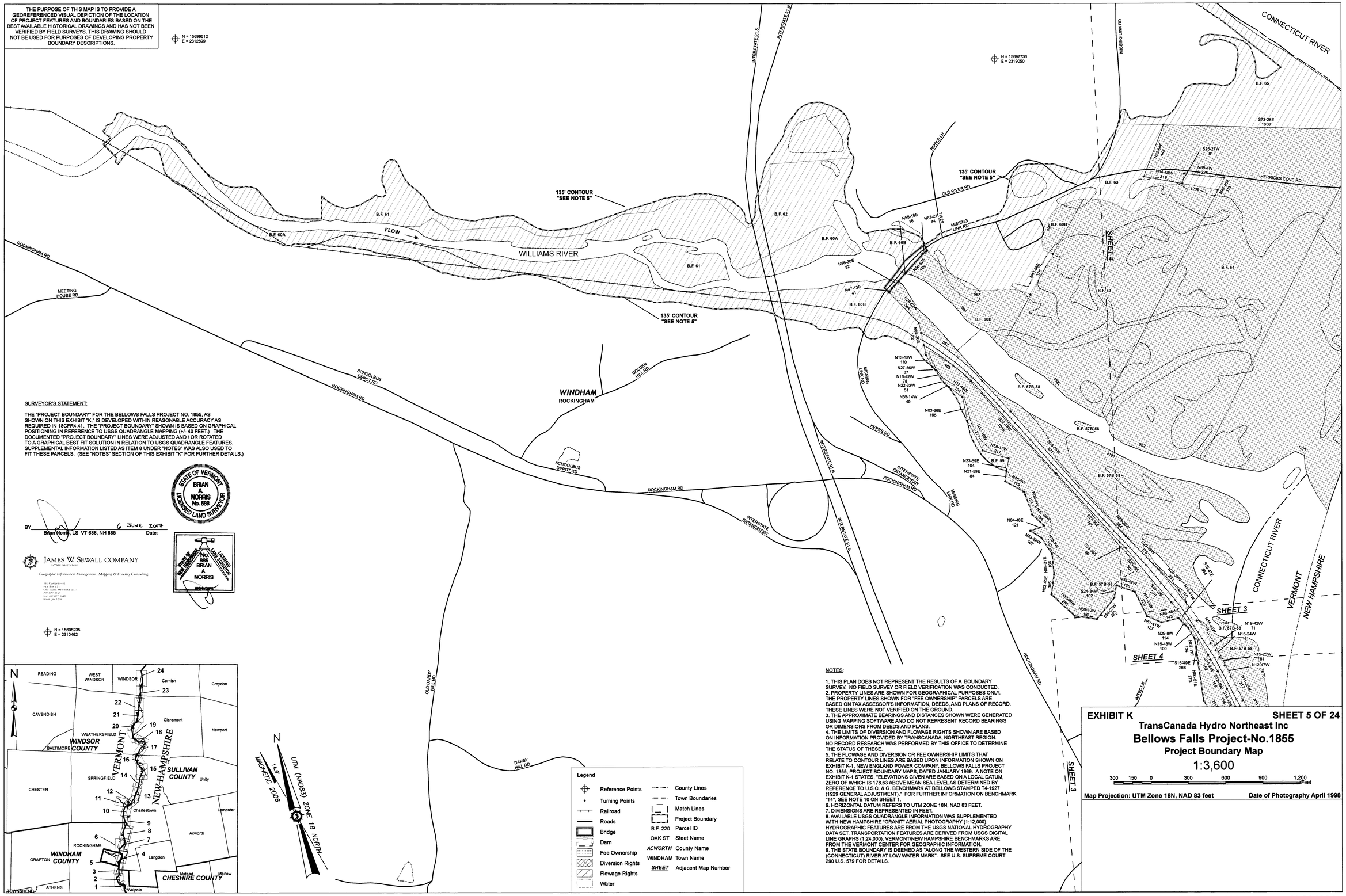


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STATE OF VERMONT
BRIAN A. NORRIS
No. 688
LICENSED LAND SURVEYOR

BY _____ 6 JUNE 2007
Brian Norris, LS VT 688, NH 885 Date:

STATE OF NEW HAMPSHIRE
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Legend

| | |
|---|---|
| Reference Points | County Lines |
| Turning Points | Town Boundaries |
| Railroad | Match Lines |
| Roads | Project Boundary |
| Bridge | B.F. 220 Parcel ID |
| Dam | OAK ST Steet Name |
| Fee Ownership | *ACWORTH* County Name |
| Diversion Rights | WINDHAM Town Name |
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8. AVAILABLE USGS QUADRANGLE INFORMATION WAS SUPPLEMENTED WITH NEW HAMPSHIRE "GRANIT" AERIAL PHOTOGRAPHY (1:12,000). HYDROGRAPHIC FEATURES ARE FROM THE USGS NATIONAL HYDROGRAPHY DATA SET. TRANSPORTATION FEATURES ARE DERIVED FROM USGS DIGITAL LINE GRAPHS (1:24,000). VERMONT/NEW HAMPSHIRE BENCHMARKS ARE FROM THE VERMONT CENTER FOR GEOGRAPHIC INFORMATION.
9. THE STATE BOUNDARY IS DEEMED AS "ALONG THE WESTERN SIDE OF THE (CONNECTICUT) RIVER AT LOW WATER MARK". SEE U.S. SUPREME COURT 290 U.S. 579 FOR DETAILS.

EXHIBIT K — SHEET 5 OF 24

TransCanada Hydro Northeast Inc

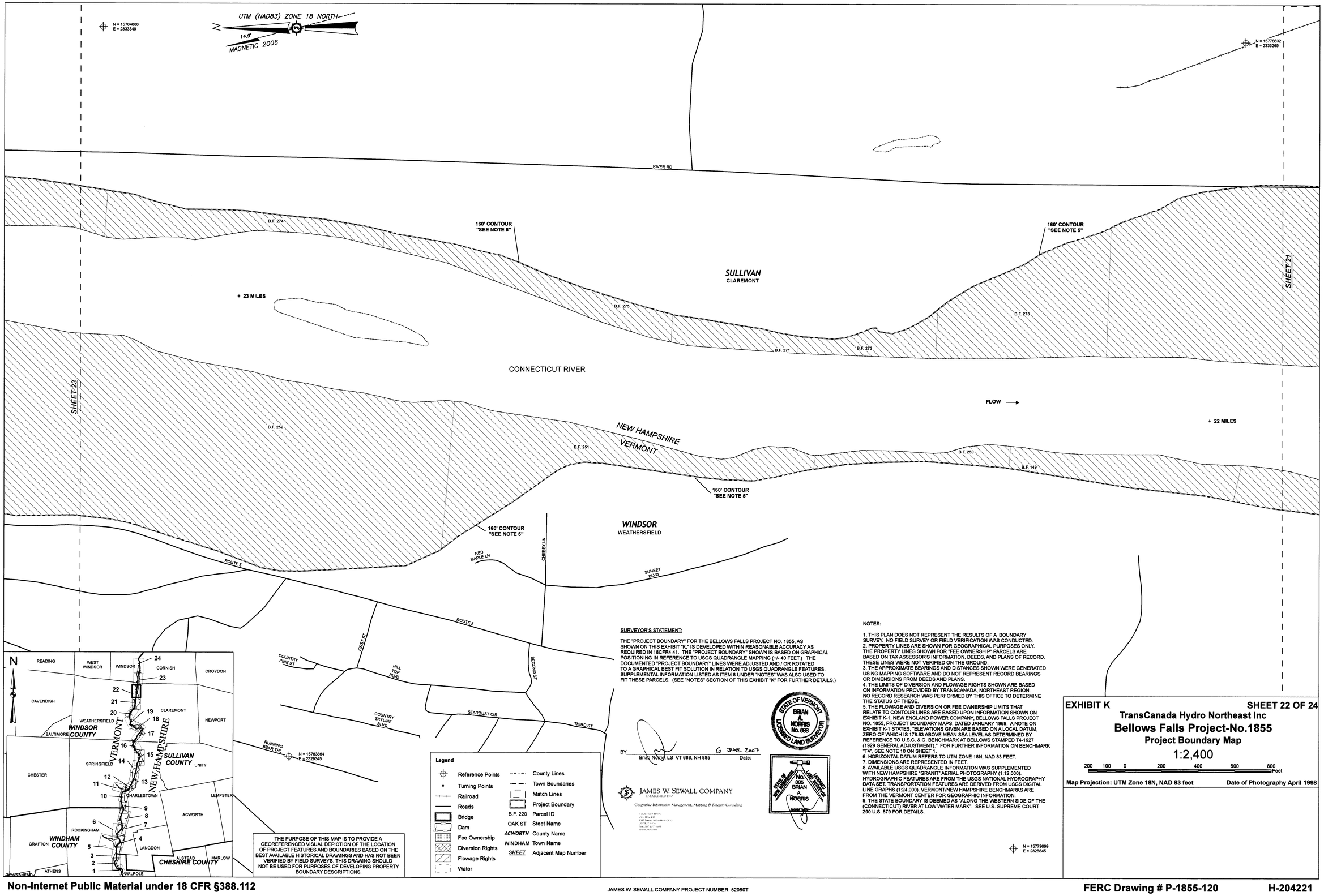
**Bellows Falls Project-No.1855**

Project Boundary Map

1:3,600

300 150 0 300 600 900 1,200 Feet

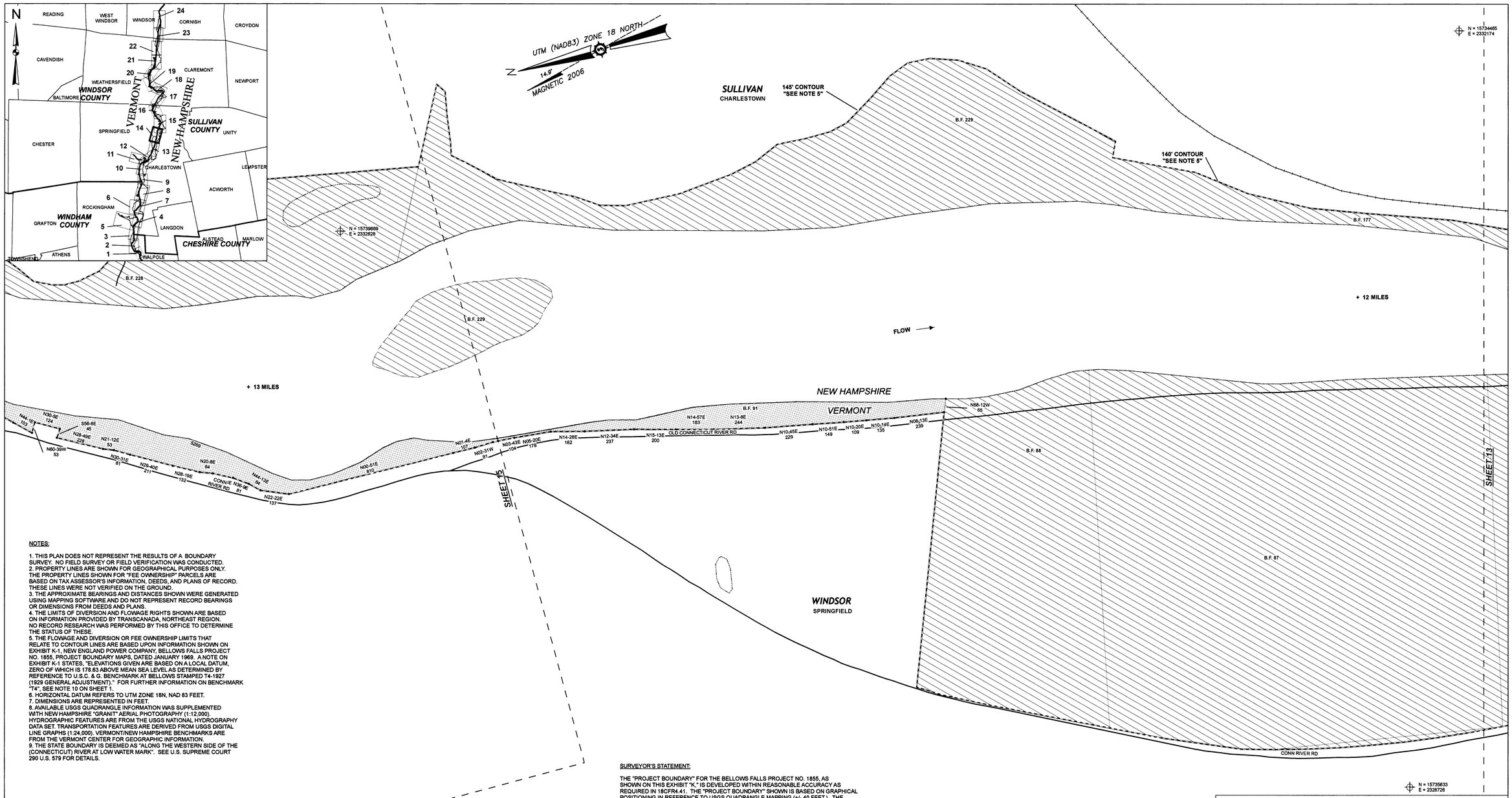
Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998




**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-120** **H-204221**




NOTES:

1. THIS PLAN DOES NOT REPRESENT THE RESULTS OF A BOUNDARY SURVEY. NO FIELD SURVEY OR FIELD VERIFICATION WAS CONDUCTED.
2. PROPERTY LINES ARE SHOWN FOR GEOGRAPHICAL PURPOSES ONLY. THE PROPERTY LINES SHOWN FOR "FEE OWNERSHIP" PARCELS ARE BASED ON TAX ASSESSOR'S INFORMATION, DEEDS, AND PLANS OF RECORD. THESE LINES WERE NOT VERIFIED ON THE GROUND.
3. THE APPROXIMATE BEARINGS AND DISTANCES SHOWN WERE GENERATED USING MAPPING SOFTWARE AND DO NOT REPRESENT RECORD BEARINGS OR DIMENSIONS FROM DEEDS AND PLANS.
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9. THE STATE BOUNDARY IS DEEMED AS "ALONG THE WESTERN SIDE OF THE (CONNECTICUT) RIVER AT LOW WATER MARK". SEE U.S. SUPREME COURT 290 U.S. 579 FOR DETAILS.

SURVEYOR'S STATEMENT:

THE "PROJECT BOUNDARY" FOR THE BELLOWS FALLS PROJECT NO. 1855, AS SHOWN ON THIS EXHIBIT "K," IS DEVELOPED WITHIN REASONABLE ACCURACY AS REQUIRED IN 18CFR4.41. THE "PROJECT BOUNDARY" SHOWN IS BASED ON GRAPHICAL POSITIONING IN REFERENCE TO USGS QUADRANGLE MAPPING (+/- 40 FEET.) THE DOCUMENTED "PROJECT BOUNDARY" LINES WERE ADJUSTED AND / OR ROTATED TO A GRAPHICAL BEST FIT SOLUTION IN RELATION TO USGS QUADRANGLE FEATURES. SUPPLEMENTAL INFORMATION LISTED AS ITEM 8 UNDER "NOTES" WAS ALSO USED TO FIT THESE PARCELS. (SEE "NOTES" SECTION OF THIS EXHIBIT "K" FOR FURTHER DETAILS.)

BY _____ 6 JUNE 2017
Brian Norris LS VT 688, NH 885 Date:

STATE OF VERMONT — BRIAN A. NORRIS No. 688 — LICENSED LAND SURVEYOR

JAMES W. SEWALL COMPANY
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
P.O. Box 879
Old Town, ME 04468-0879
207 827 4456
fax: 207 827 3445
www.jwsa.com

STATE OF NEW HAMPSHIRE — LICENSED LAND SURVEYOR — NO. 885 BRIAN A. NORRIS — SIGNATURE

N = 15742039
E = 2329988

Legend

| | | | |
|---|---|---|---|
| | Reference Points | | County Lines |
| | Turning Points | | Town Boundaries |
| | Railroad | | Match Lines |
| | Roads | | Project Boundary |
| | Bridge | B.F. 220 | Parcel ID |
| | Dam | OAK ST | Steet Name |
| | Fee Ownership | ACWORTH | County Name |
| | Diversion Rights | WINDHAM | Town Name |
| | Flowage Rights | SHEET | Adjacent Map Number |
| | Water | | |

THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

**EXHIBIT K** — **SHEET 14 OF 24**

**TransCanada Hydro Northeast Inc**

# Bellows Falls Project-No.1855

## Project Boundary Map

1:2,400

200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998

NOTES:

1. THIS PLAN DOES NOT REPRESENT THE RESULTS OF A BOUNDARY SURVEY. NO FIELD SURVEY OR FIELD VERIFICATION WAS CONDUCTED.
2. PROPERTY LINES ARE SHOWN FOR GEOGRAPHICAL PURPOSES ONLY. THE PROPERTY LINES SHOWN FOR "FEE OWNERSHIP" PARCELS ARE BASED ON TAX ASSESSOR'S INFORMATION, DEEDS, AND PLANS OF RECORD. THESE LINES WERE NOT VERIFIED ON THE GROUND.
3. THE APPROXIMATE BEARINGS AND DISTANCES SHOWN WERE GENERATED USING MAPPING SOFTWARE AND DO NOT REPRESENT RECORD BEARINGS OR DIMENSIONS FROM DEEDS AND PLANS.
4. THE LIMITS OF DIVERSION AND FLOWAGE RIGHTS SHOWN ARE BASED ON INFORMATION PROVIDED BY TRANSCANADA, NORTHEAST REGION. NO RECORD RESEARCH WAS PERFORMED BY THIS OFFICE TO DETERMINE THE STATUS OF THESE.
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9. THE STATE BOUNDARY IS DEEMED AS "ALONG THE WESTERN SIDE OF THE (CONNECTICUT) RIVER AT LOW WATER MARK". SEE U.S. SUPREME COURT 290 U.S. 579 FOR DETAILS.

SURVEYOR'S STATEMENT:

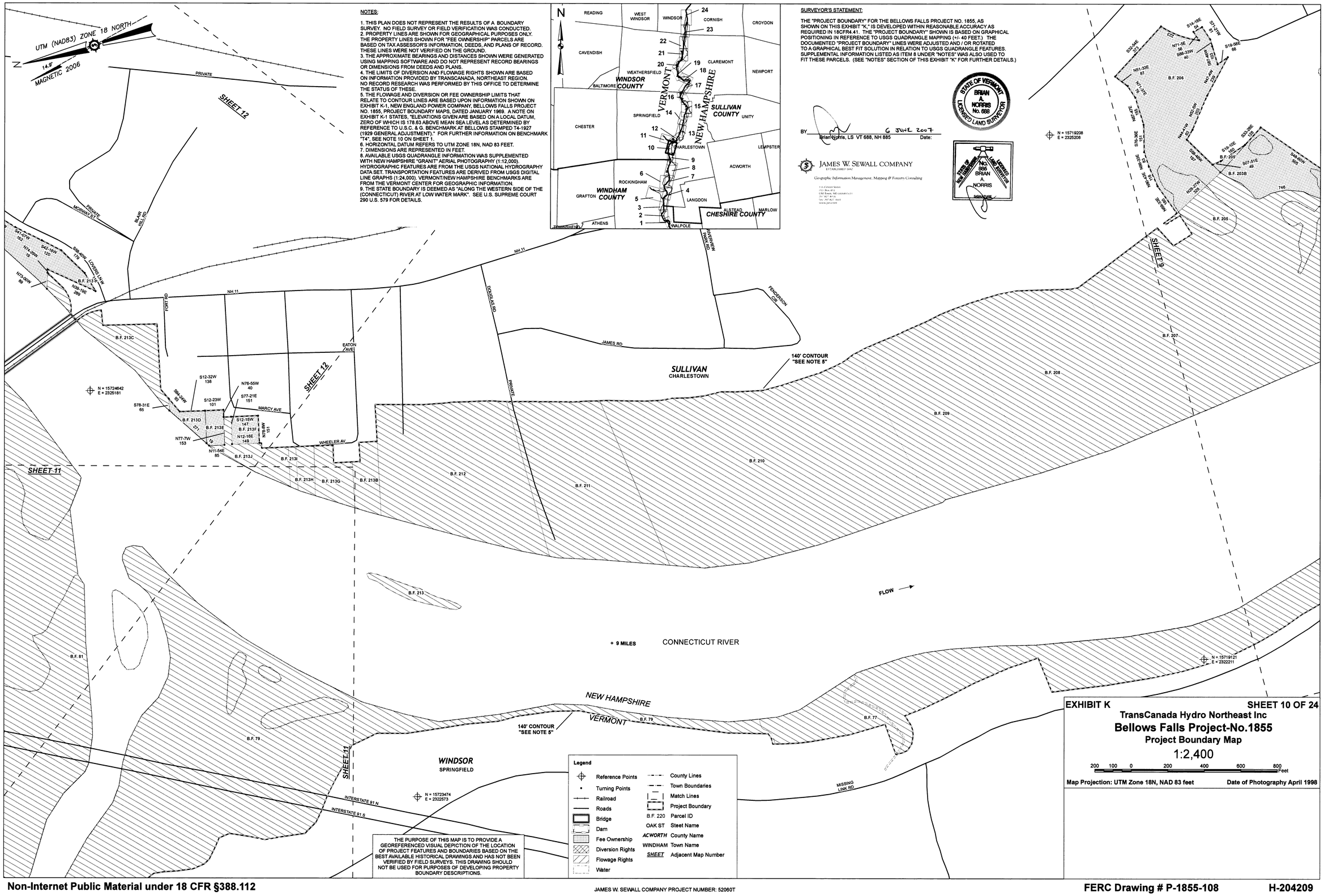
THE "PROJECT BOUNDARY" FOR THE BELLOWS FALLS PROJECT NO. 1855, AS SHOWN ON THIS EXHIBIT "K," IS DEVELOPED WITHIN REASONABLE ACCURACY AS REQUIRED IN 18CFR4.41. THE "PROJECT BOUNDARY" SHOWN IS BASED ON GRAPHICAL POSITIONING IN REFERENCE TO USGS QUADRANGLE MAPPING (+/- 40 FEET.) THE DOCUMENTED "PROJECT BOUNDARY" LINES WERE ADJUSTED AND / OR ROTATED TO A GRAPHICAL BEST FIT SOLUTION IN RELATION TO USGS QUADRANGLE FEATURES. SUPPLEMENTAL INFORMATION LISTED AS ITEM 8 UNDER "NOTES" WAS ALSO USED TO FIT THESE PARCELS. (SEE "NOTES" SECTION OF THIS EXHIBIT "K" FOR FURTHER DETAILS.)

BY Brian Norris, LS VT 688, NH 885 — Date: 6 JUNE 2007

STATE OF VERMONT — BRIAN A. NORRIS No. 688 — LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE — LICENSED LAND SURVEYOR — No. 885 BRIAN A. NORRIS — SIGNATURE

JAMES W. SEWALL COMPANY
ESTABLISHED 1887
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
PO Box 832
Old Town, ME 04468-0832
Tel 207 827 4456
Fax 207 827 3843
www.jwsc.com




THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

EXHIBIT K — SHEET 10 OF 24

TransCanada Hydro Northeast Inc

**Bellows Falls Project-No.1855**

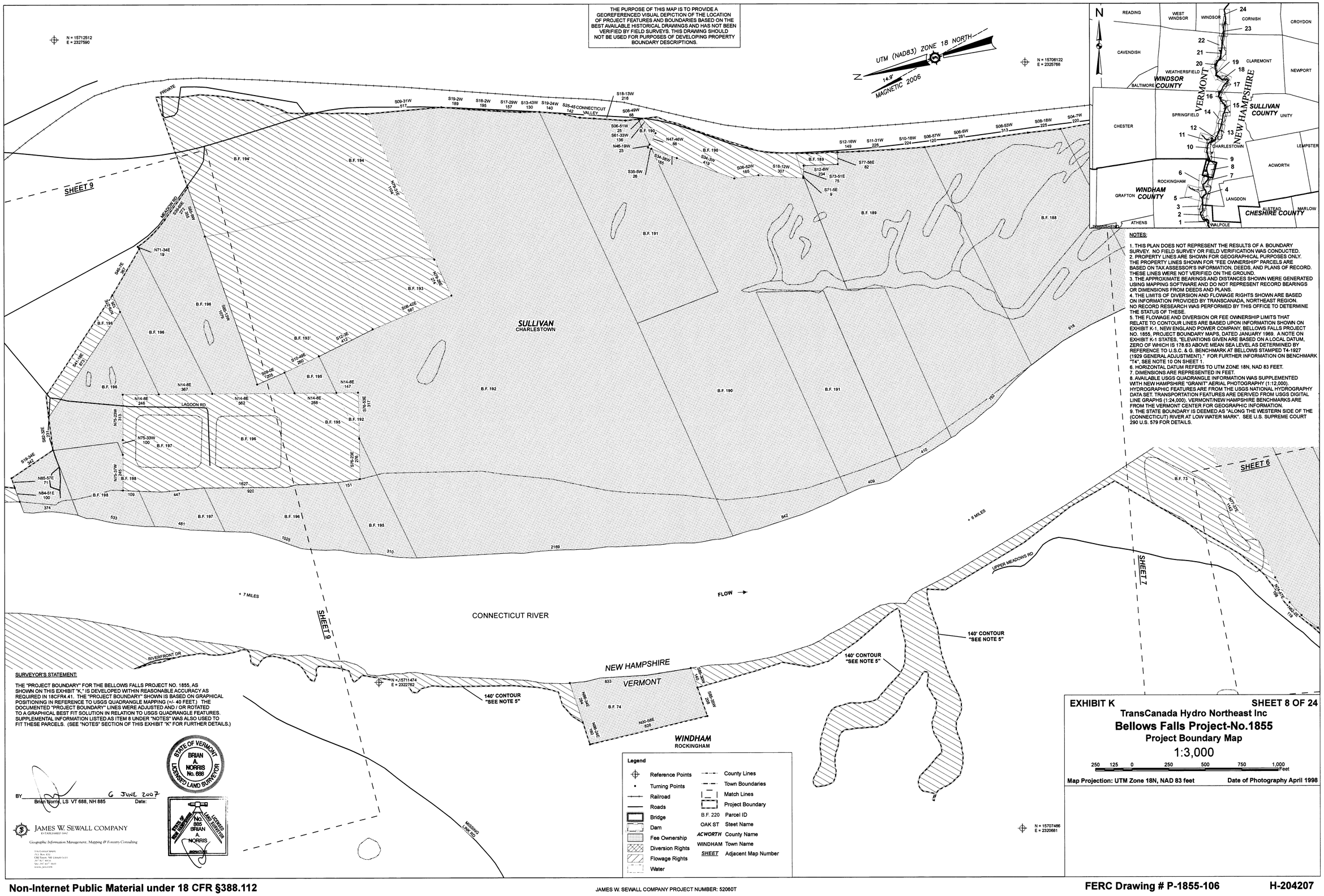
**Project Boundary Map**

1:2,400

200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998

THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.




NOTES:

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SURVEYOR'S STATEMENT:

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BY _____ 6 JUNE 2007
Brian Morris, LS VT 688, NH 885 Date:

STATE OF VERMONT
BRIAN A. NORRIS
No. 688
LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE
No. 885
BRIAN A. NORRIS
LICENSED LAND SURVEYOR

JAMES W. SEWALL COMPANY
ESTABLISHED 1847
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
P.O. Box 933
Old Town, ME 04468-0933
(207) 827-4707
fax: 207 827-3845
www.jwsc.com

Legend

| | | | |
|---|---|---|---|
| Reference Points | | County Lines | |
| Turning Points | | Town Boundaries | |
| Railroad | | Match Lines | |
| Roads | | Project Boundary | |
| Bridge | B.F. 220 | Parcel ID | |
| Dam | OAK ST | Steet Name | |
| Fee Ownership | ACWORTH | County Name | |
| Diversion Rights | WINDHAM | Town Name | |
| Flowage Rights | SHEET | Adjacent Map Number | |
| Water | | | |

EXHIBIT K — SHEET 8 OF 24

TransCanada Hydro Northeast Inc

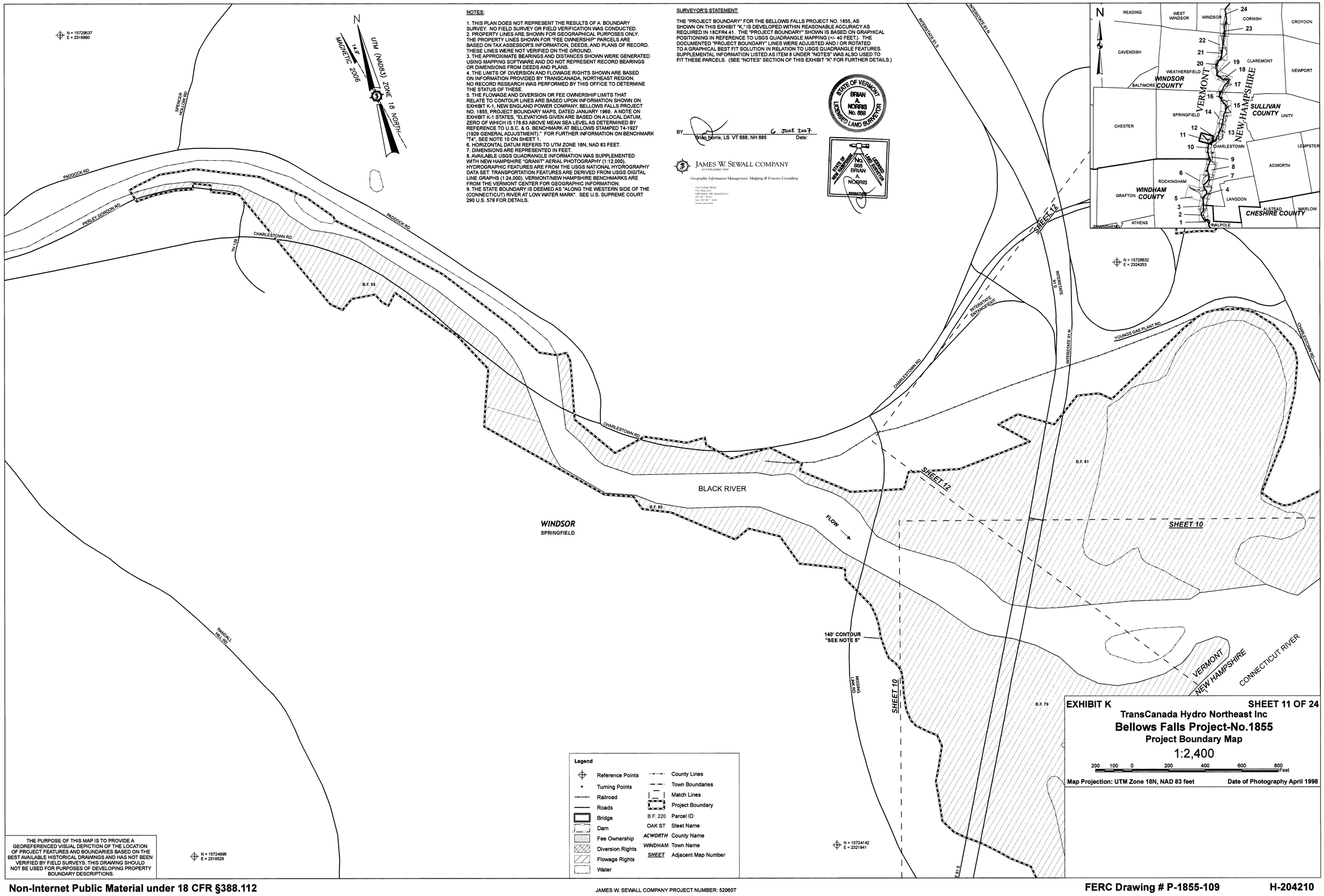
**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:3,000

250 125 0 250 500 750 1,000 Feet

Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998




**NOTES:**

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**SURVEYOR'S STATEMENT:**

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BY _____ 6 JUNE 2007
Brian Norris, LS VT 888, NH 885 Date:

STATE OF VERMONT — BRIAN A. NORRIS No. 888 — LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE — No. 885 BRIAN A. NORRIS — LICENSED LAND SURVEYOR — SIGNATURE

JAMES W. SEWALL COMPANY
ESTABLISHED 1892
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
P.O. Box 933
Old Town, ME 04468-0933
207 827 4456
fax: 207 827 6141
www.jwsc.com

THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

**EXHIBIT K** — **SHEET 11 OF 24**

**TransCanada Hydro Northeast Inc**

**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:2,400

200 100 0 200 400 600 800 Feet

**Map Projection: UTM Zone 18N, NAD 83 feet** — **Date of Photography April 1998**

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-109** **H-204210**

**SURVEYOR'S STATEMENT:**

THE "PROJECT BOUNDARY" FOR THE BELLOWS FALLS PROJECT NO. 1855, AS SHOWN ON THIS EXHIBIT "K," IS DEVELOPED WITHIN REASONABLE ACCURACY AS REQUIRED IN 18CFR4.41. THE "PROJECT BOUNDARY" SHOWN IS BASED ON GRAPHICAL POSITIONING IN REFERENCE TO USGS QUADRANGLE MAPPING (+/- 40 FEET.) THE DOCUMENTED "PROJECT BOUNDARY" LINES WERE ADJUSTED AND / OR ROTATED TO A GRAPHICAL BEST FIT SOLUTION IN RELATION TO USGS QUADRANGLE FEATURES. SUPPLEMENTAL INFORMATION LISTED AS ITEM 8 UNDER "NOTES" WAS ALSO USED TO FIT THESE PARCELS. (SEE "NOTES" SECTION OF THIS EXHIBIT "K" FOR FURTHER DETAILS.)

BY _____ 6 JUNE 2007
Brian Norris, LS VT 688, NH 885 Date:

STATE OF VERMONT — BRIAN A. NORRIS No. 688 — LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE — LICENSED LAND SURVEYOR — No. 885 — BRIAN A. NORRIS

JAMES W. SEWALL COMPANY
ESTABLISHED 1867
Geographic Information Management, Mapping & Forestry Consulting
136 Exeter Street
P.O. Box 912
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Fax. 207-827-3643
Web. www.jwsc.com

**NOTES:**

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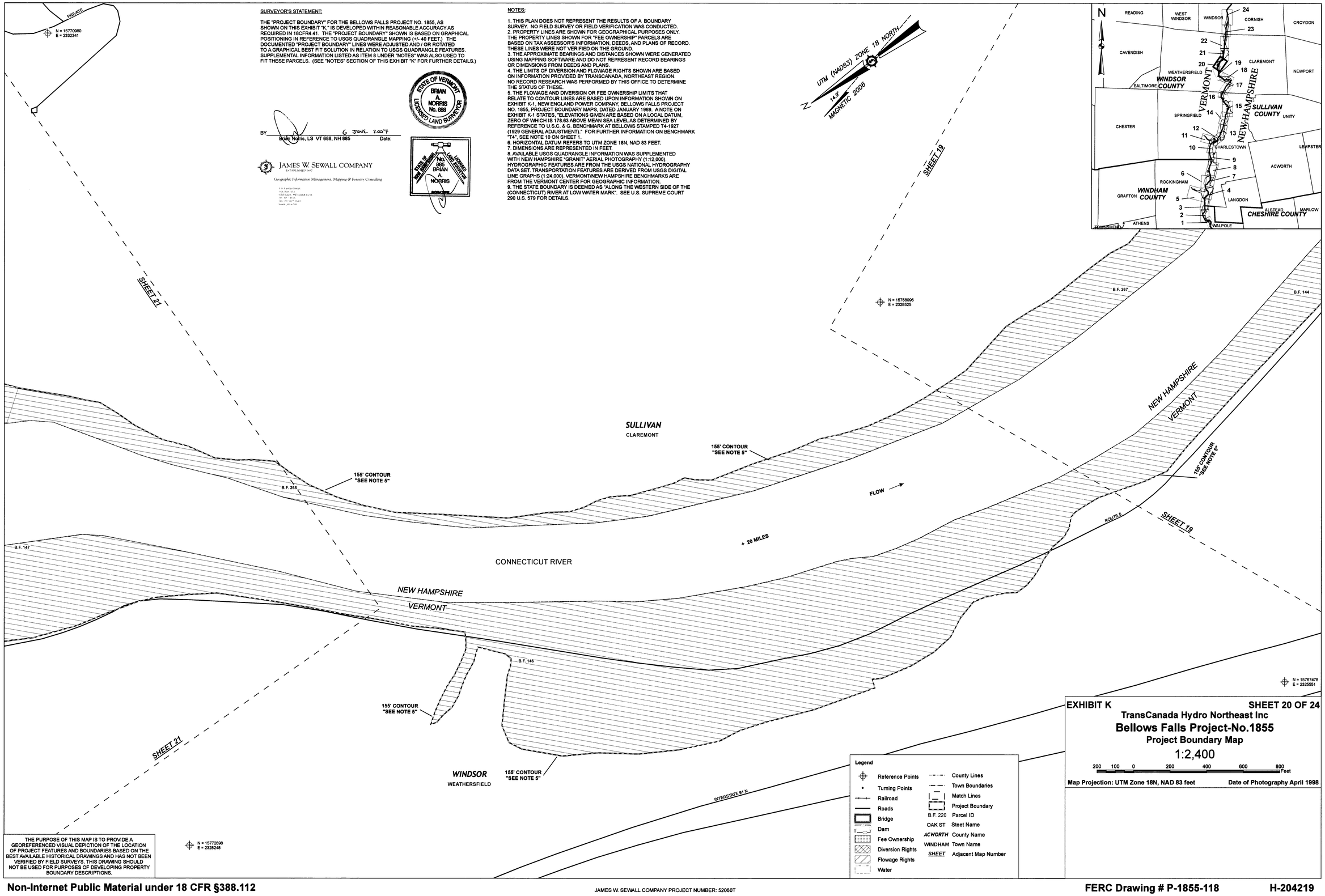


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**EXHIBIT K** **SHEET 20 OF 24**

**TransCanada Hydro Northeast Inc**

**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:2,400

200 100 0 200 400 600 800 Feet

**Map Projection: UTM Zone 18N, NAD 83 feet** **Date of Photography April 1998**

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-118** **H-204219**

SURVEYOR'S STATEMENT:

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BY Brian Norris, LS VT 688, NH 885 — Date: 6 June 2007

STATE OF VERMONT — BRIAN A. NORRIS No. 688 — LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE — No. 885 BRIAN A. NORRIS — LICENSED LAND SURVEYOR

JAMES W. SEWALL COMPANY
ESTABLISHED 1897
Geographic Information Management, Mapping & Forestry Consulting
1 Gabrielle Street
P.O. Box 442
Old Town, ME 04468-0442
207.827.4456
fax: 207.827.3845
www.jwsc.com

NOTES:

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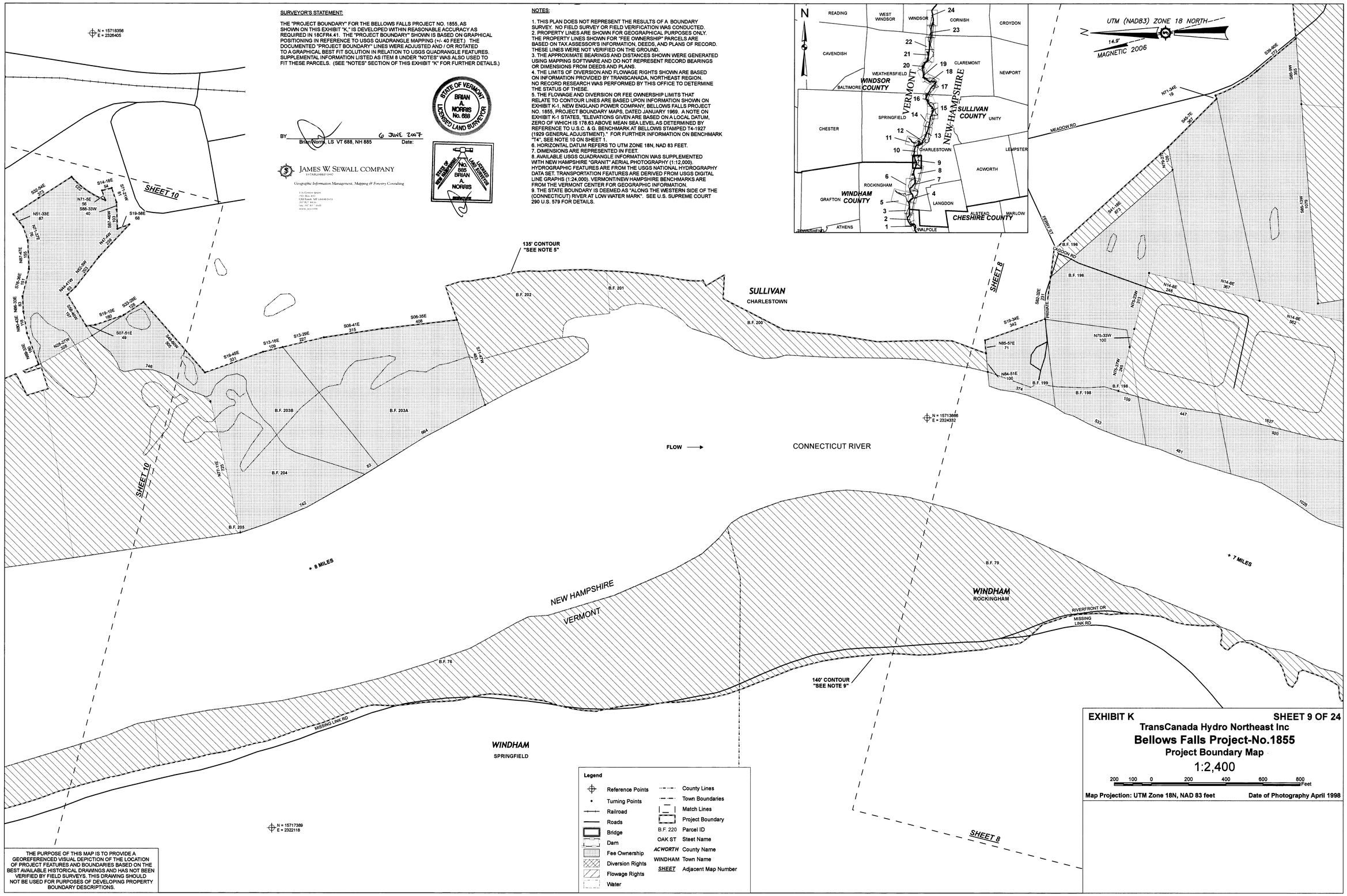



Legend

| | |
|---|---|
| Reference Points | County Lines |
| Turning Points | Town Boundaries |
| Railroad | Match Lines |
| Roads | Project Boundary |
| Bridge | B.F. 220 Parcel ID |
| Dam | OAK ST Steet Name |
| Fee Ownership | *ACWORTH* County Name |
| Diversion Rights | WINDHAM Town Name |
| Flowage Rights | *SHEET* Adjacent Map Number |
| Water | |

THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

**EXHIBIT K** — **SHEET 9 OF 24**

**TransCanada Hydro Northeast Inc**

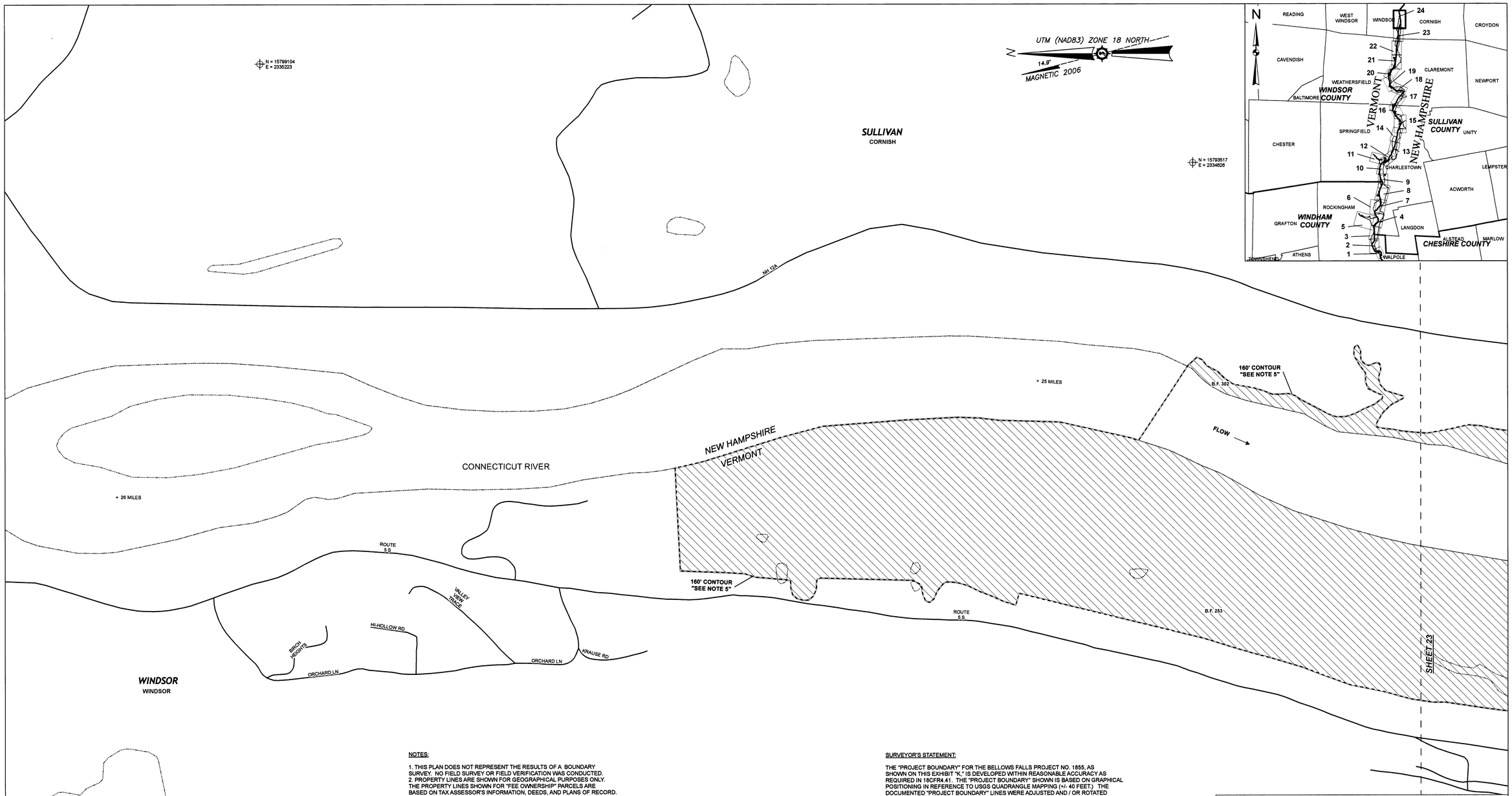
**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:2,400

200 100 0 200 400 600 800 Feet

**Map Projection: UTM Zone 18N, NAD 83 feet** — **Date of Photography April 1998**







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THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

**Legend**

| | | | |
|---|---|---|---|
| | Reference Points | | County Lines |
| | Turning Points | | Town Boundaries |
| | Railroad | | Match Lines |
| | Roads | | Project Boundary |
| | Bridge | B.F. 220 | Parcel ID |
| | Dam | OAK ST | Steet Name |
| | Fee Ownership | *ACWORTH* | County Name |
| | Diversion Rights | WINDHAM | Town Name |
| | Flowage Rights | *SHEET* | Adjacent Map Number |
| | Water | | |

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BY Brian Norris, LS VT 688, NH 885 Date: 6 JUNE 2007

STATE OF VERMONT
BRIAN A. NORRIS
No. 688
LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE
NO. 885
BRIAN A. NORRIS
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JAMES W. SEWALL COMPANY
ESTABLISHED 1882
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
P.O. Box 1037
Old Town, Maine 04468-1037
207.827.4456
fax 207.827.3643
www.jws.com

**EXHIBIT K** **SHEET 24 OF 24**

**TransCanada Hydro Northeast Inc**

**Bellows Falls Project-No.1855**

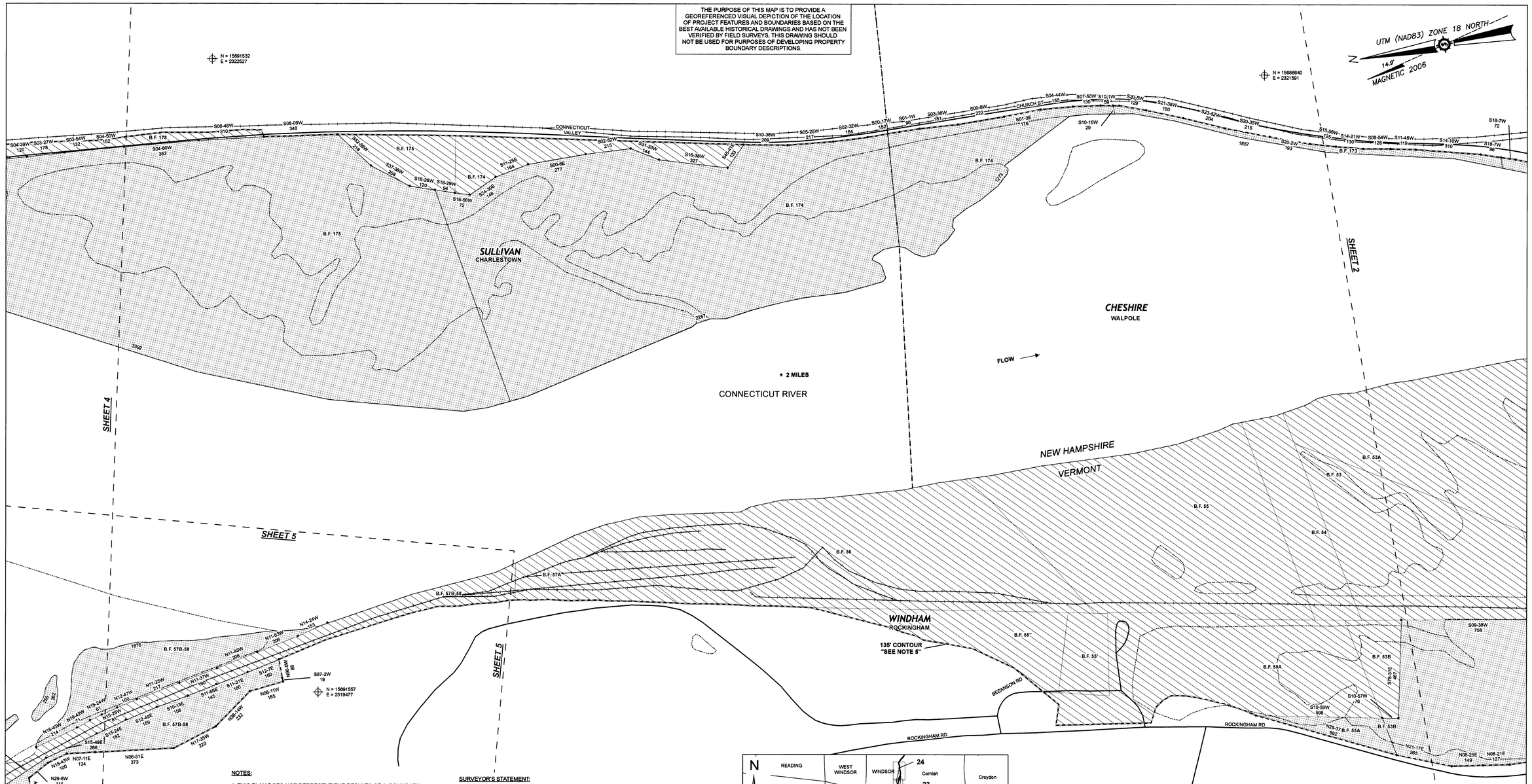
**Project Boundary Map**

1:3,000

250 125 0 250 500 750 1,000 Feet

**Map Projection: UTM Zone 18N, NAD 83 feet** **Date of Photography April 1998**

THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

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BY _____ Brian Norris, LS VT 688, NH 885 — 6 June 2007 Date:

STATE OF VERMONT — BRIAN A. NORRIS No. 688 — LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE — No. 885 BRIAN A. NORRIS — LICENSED LAND SURVEYOR

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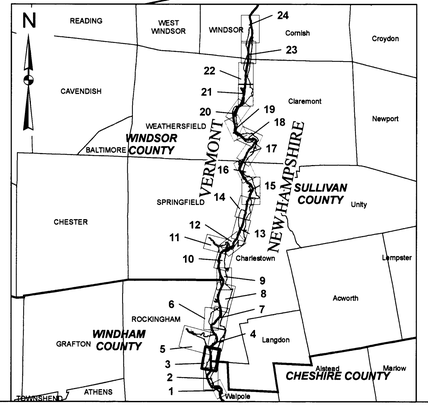


Legend

| | | | |
|---|---|---|---|
| Reference Points | | County Lines | |
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| Railroad | | Match Lines | |
| Roads | | Project Boundary | |
| Bridge | B.F. 220 | Parcel ID | |
| Dam | OAK ST | Steet Name | |
| Fee Ownership | ACWORTH | County Name | |
| Diversion Rights | WINDHAM | Town Name | |
| Flowage Rights | SHEET | Adjacent Map Number | |
| Water | | | |

EXHIBIT K — SHEET 3 OF 24

TransCanada Hydro Northeast Inc

**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:2,400

200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998

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BY _____ 6 JUNE 2007
Brian Norris, LS VT 688, NH 885 Date:

JAMES W. SEWALL COMPANY
ESTABLISHED 1946
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136 Crosby Street
PO Box 832
Old Town, Maine 04468-0832
Phone 207-827-4456
Fax 207-827-3248
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LICENSED LAND SURVEYOR
SIGNATURE

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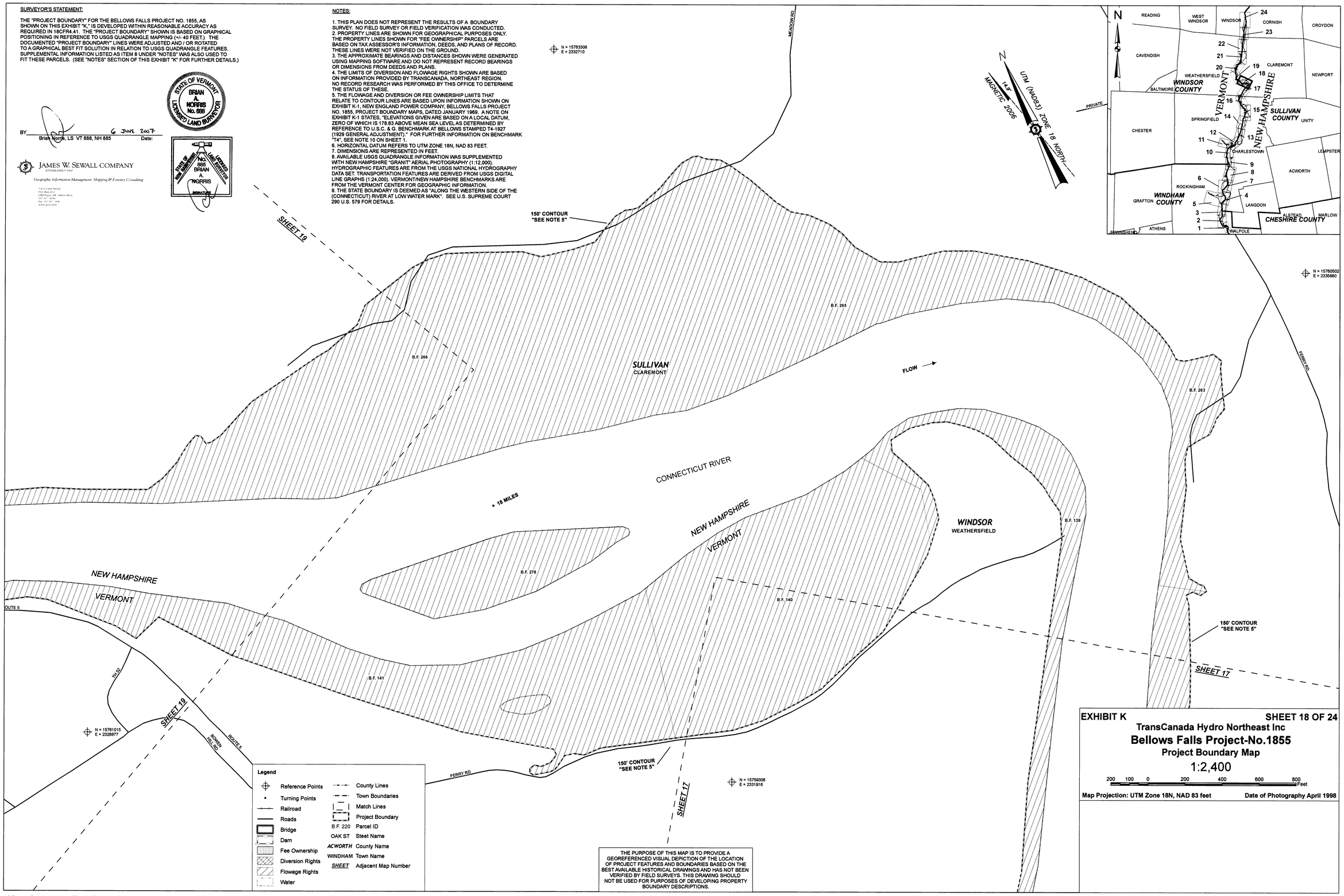


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EXHIBIT K SHEET 18 OF 24

TransCanada Hydro Northeast Inc

**Bellows Falls Project-No.1855**

Project Boundary Map

1:2,400

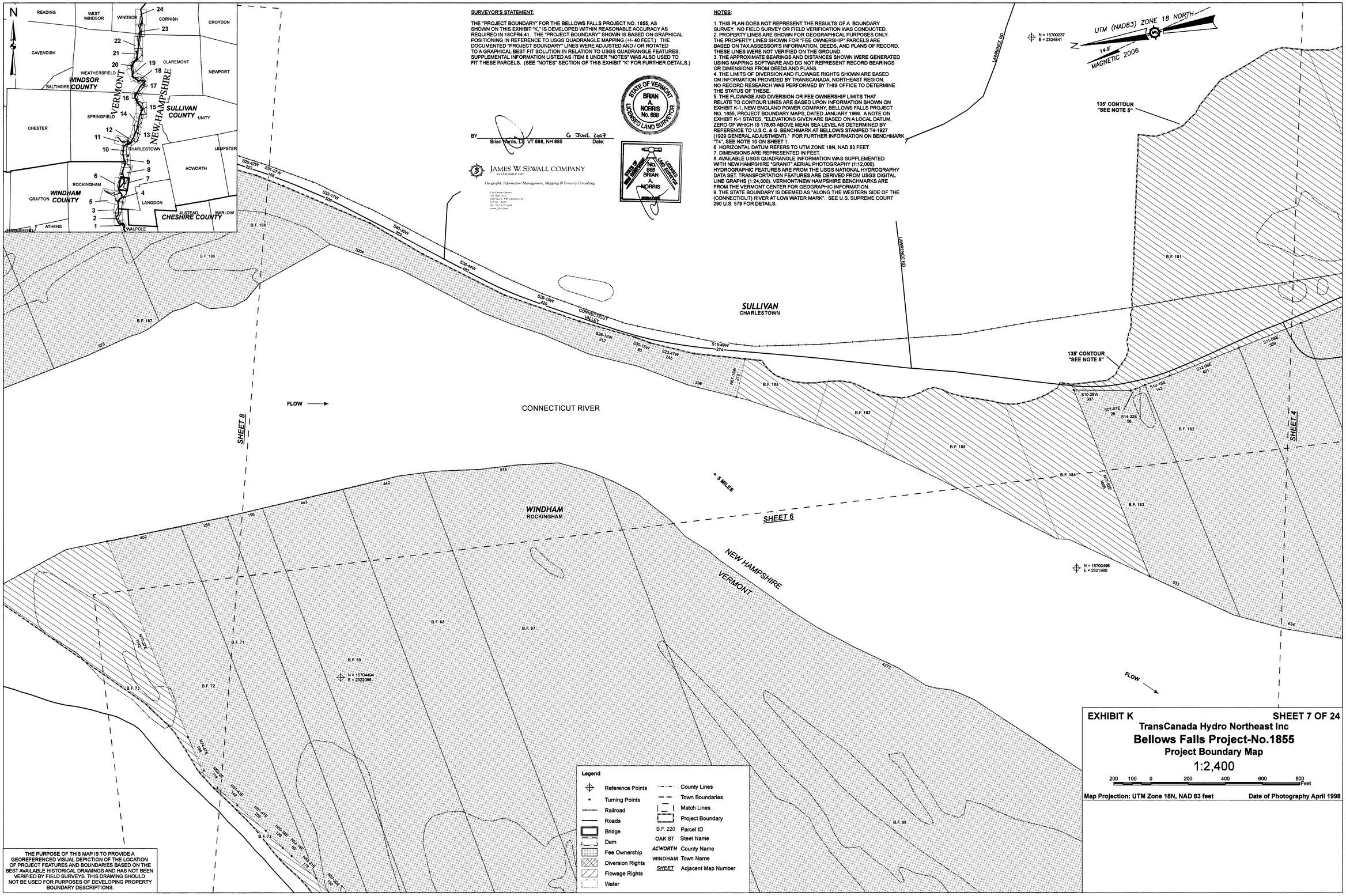
200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet Date of Photography April 1998

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-116** **H-204217**

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BY _____ 6 JUNE 2007
Brian Morris, LS VT 688, NH 885 Date:

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EXHIBIT K SHEET 7 OF 24

TransCanada Hydro Northeast Inc

**Bellows Falls Project-No.1855**

Project Boundary Map

1:2,400

200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet Date of Photography April 1998

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-105** **H-204206**

NOTES:

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6. HORIZONTAL DATUM REFERS TO UTM ZONE 18N, NAD 83 FEET.
7. DIMENSIONS ARE REPRESENTED IN FEET.
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9. THE STATE BOUNDARY IS DEEMED AS "ALONG THE WESTERN SIDE OF THE (CONNECTICUT) RIVER AT LOW WATER MARK". SEE U.S. SUPREME COURT 290 U.S. 579 FOR DETAILS.

SURVEYOR'S STATEMENT:

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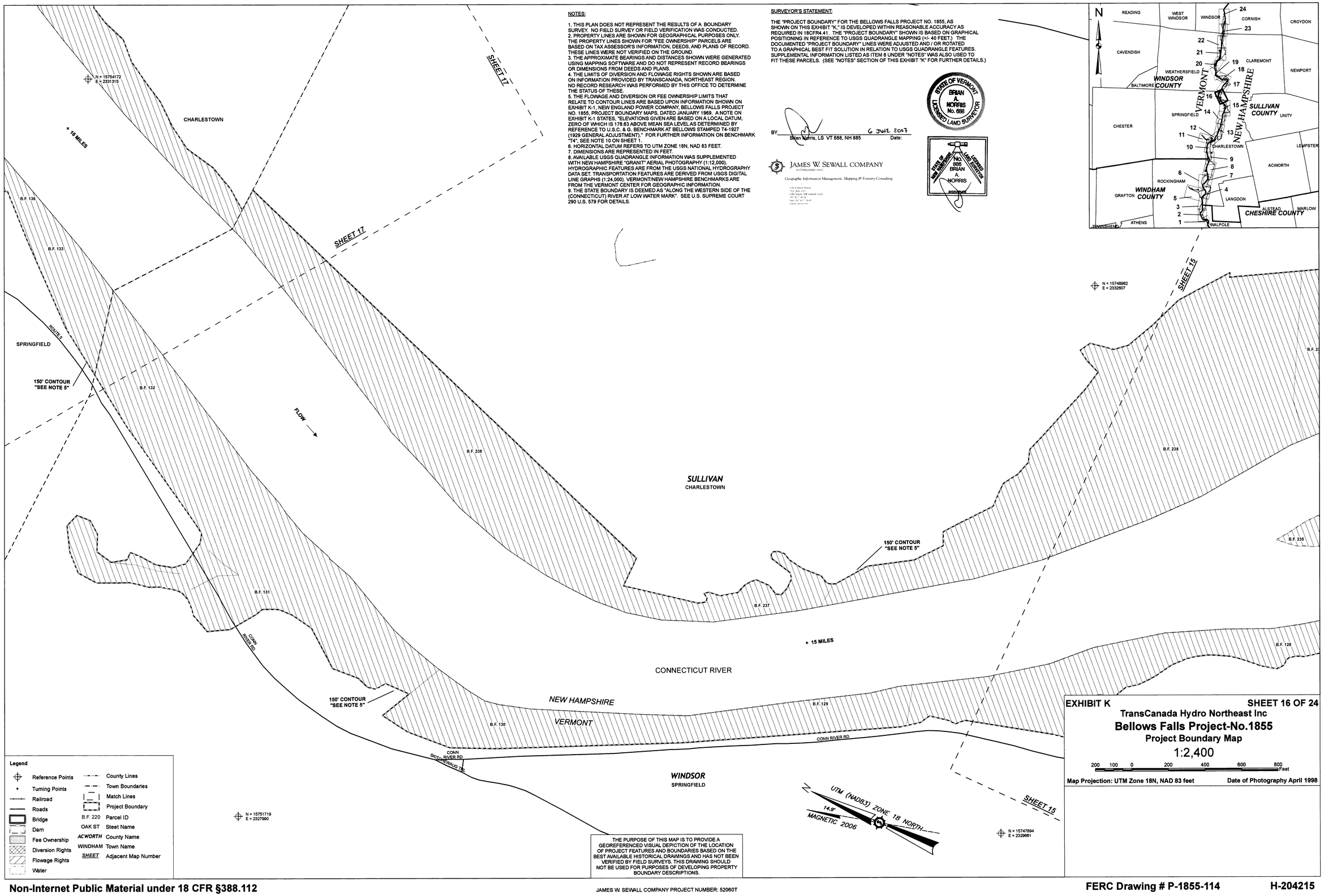
BY _____ 6 JULY 2007
Brian Norris, LS VT 688, NH 885 Date:

STATE OF VERMONT
BRIAN A. NORRIS
No. 688
LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE
LICENSED LAND SURVEYOR
No. 885
BRIAN A. NORRIS

JAMES W. SEWALL COMPANY
ESTABLISHED 1946
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
P.O. Box 433
Old Town, ME 04468-0433
207 827 4456
fax 207 827 3445
www.sewall.com




Legend

| | | | |
|---|---|---|---|
| Reference Points | | County Lines | |
| Turning Points | | Town Boundaries | |
| Railroad | | Match Lines | |
| Roads | | Project Boundary | |
| Bridge | B.F. 220 | Parcel ID | |
| Dam | OAK ST | Steet Name | |
| Fee Ownership | ACWORTH | County Name | |
| Diversion Rights | WINDHAM | Town Name | |
| Flowage Rights | SHEET | Adjacent Map Number | |
| Water | | | |

THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

EXHIBIT K SHEET 16 OF 24

TransCanada Hydro Northeast Inc

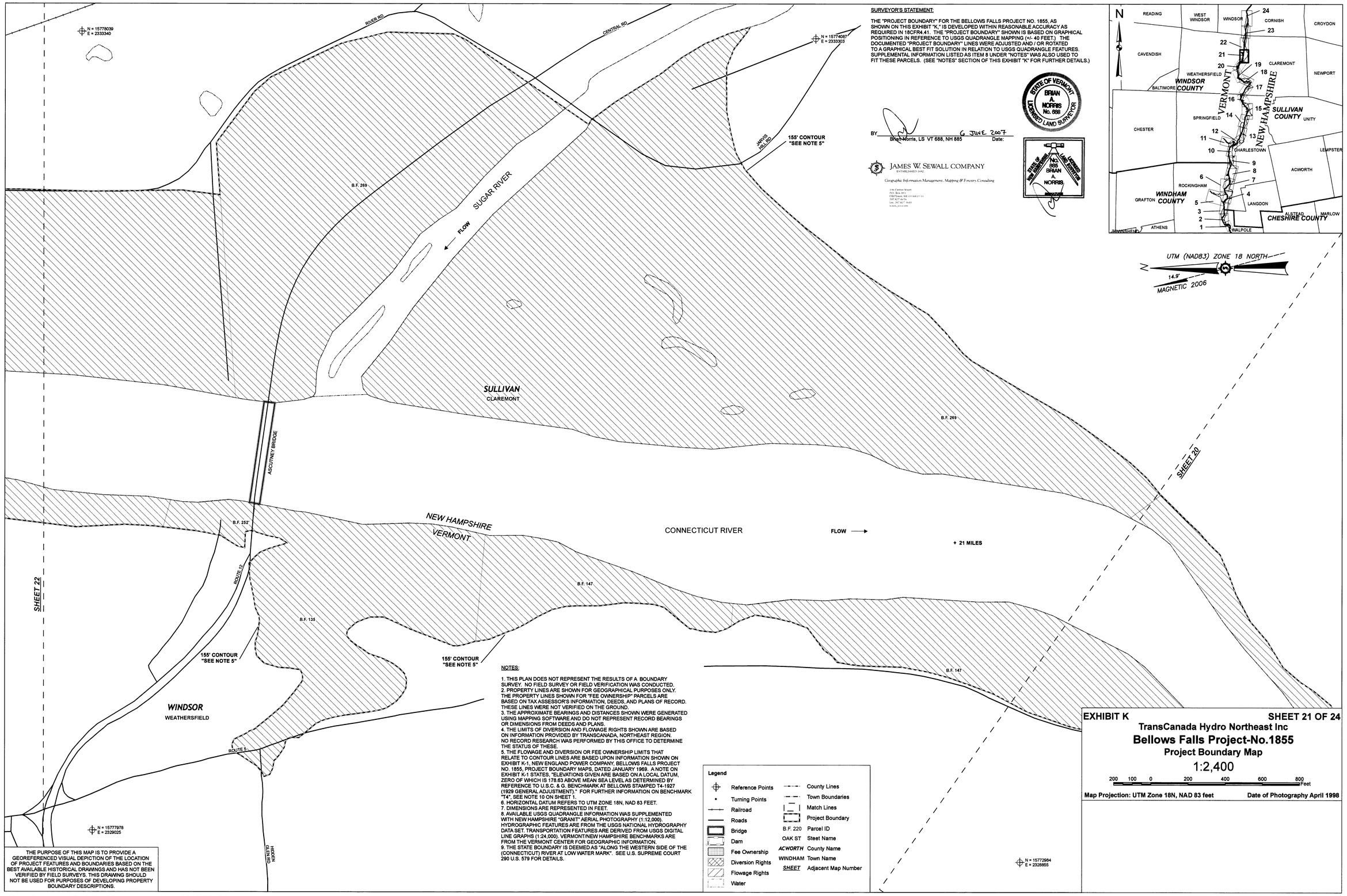
**Bellows Falls Project-No.1855**

Project Boundary Map

1:2,400

200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet Date of Photography April 1998

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STATE OF VERMONT
BRIAN A. NORRIS No. 688
LICENSED LAND SURVEYOR

BY _____ 6 JUNE 2007
Brian Norris, LS VT 688, NH 885 Date:

STATE OF NEW HAMPSHIRE
No. 885
BRIAN A. NORRIS
LICENSED LAND SURVEYOR
SIGNATURE

JAMES W. SEWALL COMPANY
ESTABLISHED 1892
Geographic Information Management, Mapping & Forestry Consulting
136 Center Street
P.O. Box 443
Old Town, ME 04468-0443
207 827 4456
fax: 207 827 3641
www.jwsewall.com

NOTES:

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9. THE STATE BOUNDARY IS DEEMED AS "ALONG THE WESTERN SIDE OF THE (CONNECTICUT) RIVER AT LOW WATER MARK". SEE U.S. SUPREME COURT 290 U.S. 579 FOR DETAILS.

**Legend**

| | | | |
|---|---|---|---|
| | Reference Points | | County Lines |
| | Turning Points | | Town Boundaries |
| | Railroad | | Match Lines |
| | Roads | | Project Boundary |
| | Bridge | B.F. 220 | Parcel ID |
| | Dam | OAK ST | Steet Name |
| | Fee Ownership | *ACWORTH* | County Name |
| | Diversion Rights | WINDHAM | Town Name |
| | Flowage Rights | *SHEET* | Adjacent Map Number |
| | Water | | |

THE PURPOSE OF THIS MAP IS TO PROVIDE A GEOREFERENCED VISUAL DEPICTION OF THE LOCATION OF PROJECT FEATURES AND BOUNDARIES BASED ON THE BEST AVAILABLE HISTORICAL DRAWINGS AND HAS NOT BEEN VERIFIED BY FIELD SURVEYS. THIS DRAWING SHOULD NOT BE USED FOR PURPOSES OF DEVELOPING PROPERTY BOUNDARY DESCRIPTIONS.

**EXHIBIT K** **SHEET 21 OF 24**

**TransCanada Hydro Northeast Inc**

**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:2,400

200 100 0 200 400 600 800 Feet

**Map Projection: UTM Zone 18N, NAD 83 feet** **Date of Photography April 1998**

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-119** **H-204220**

NOTES:

1. THIS PLAN DOES NOT REPRESENT THE RESULTS OF A BOUNDARY SURVEY. NO FIELD SURVEY OR FIELD VERIFICATION WAS CONDUCTED.
2. PROPERTY LINES ARE SHOWN FOR GEOGRAPHICAL PURPOSES ONLY. THE PROPERTY LINES SHOWN FOR "FEE OWNERSHIP" PARCELS ARE BASED ON TAX ASSESSOR'S INFORMATION, DEEDS, AND PLANS OF RECORD. THESE LINES WERE NOT VERIFIED ON THE GROUND.
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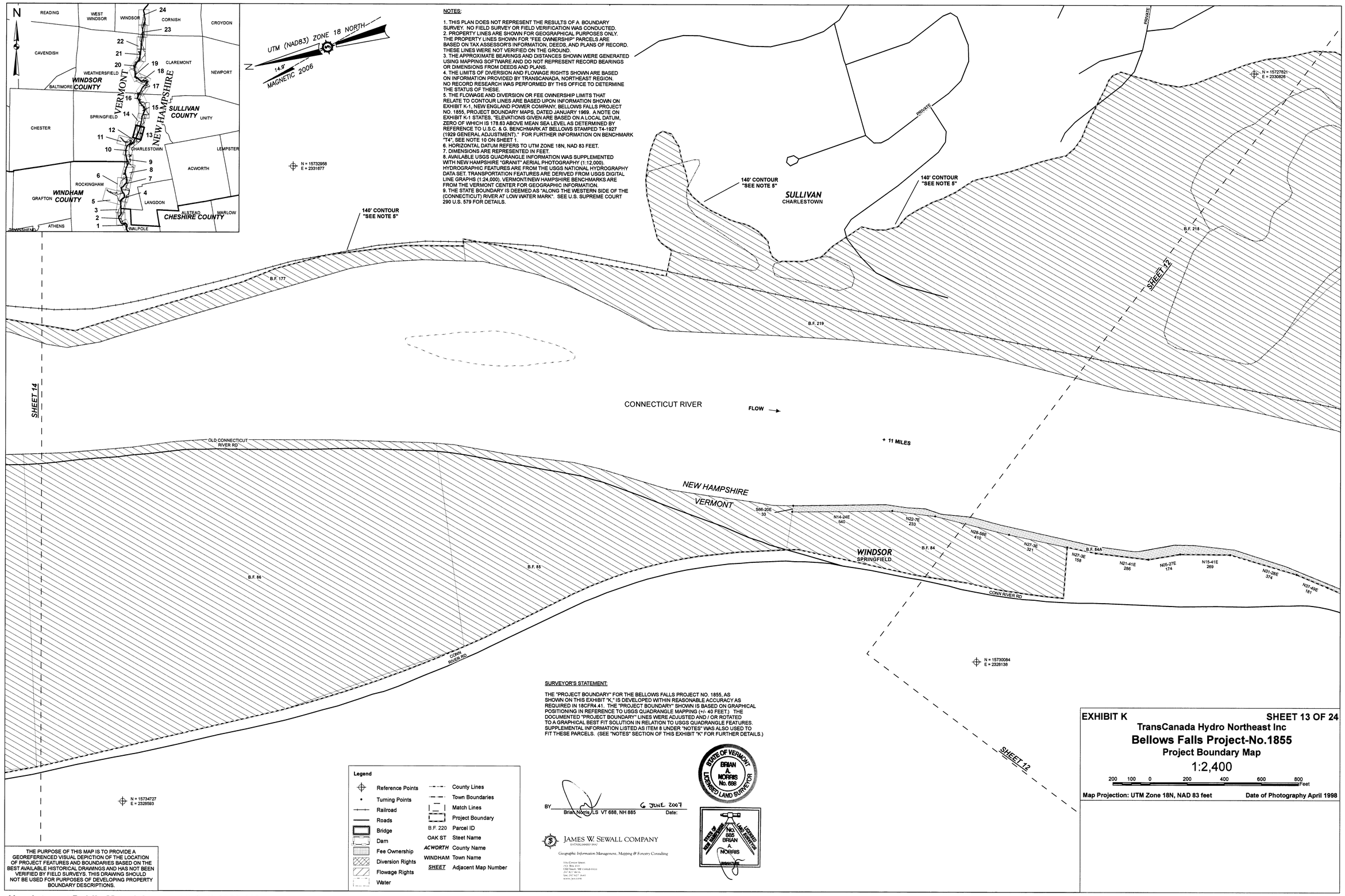


SURVEYOR'S STATEMENT:

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BY _____ 6 JUNE 2007
Brian Norris, LS VT 688, NH 885 Date:

STATE OF VERMONT
BRIAN A. NORRIS
No. 688
LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE
No. 885
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SIGNATURE
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136 Center Street
P.O. Box 838
Old Town, ME 04468-0838
207.827.4456
fax: 207.827.1643
www.jwsc.com

**Legend**

| | | | |
|---|---|---|---|
| ⌖ | Reference Points | | County Lines |
| • | Turning Points | | Town Boundaries |
| | Railroad | | Match Lines |
| | Roads | | Project Boundary |
| | Bridge | B.F. 220 | Parcel ID |
| | Dam | OAK ST | Steet Name |
| | Fee Ownership | *ACWORTH* | County Name |
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**EXHIBIT K** **SHEET 13 OF 24**

**TransCanada Hydro Northeast Inc**

# Bellows Falls Project-No.1855

**Project Boundary Map**

1:2,400

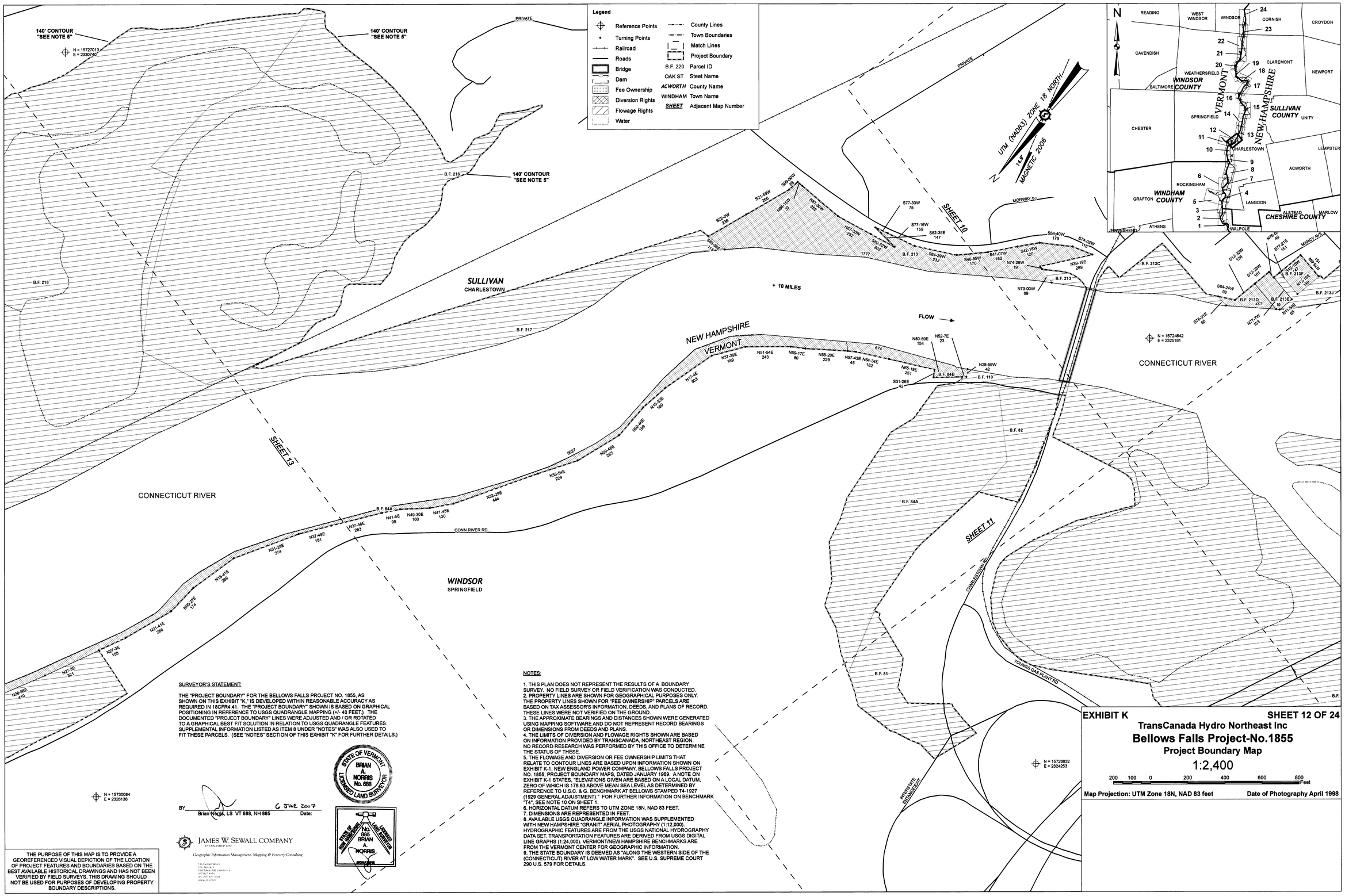
200 100 0 200 400 600 800 Feet

**Map Projection: UTM Zone 18N, NAD 83 feet** **Date of Photography April 1998**

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-111** **H-204212**

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BY _____ 6 JUNE 2007
Brian Norris, LS VT 888, NH 885 Date:

STATE OF VERMONT
BRIAN A. NORRIS
No. 888
LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE
No. 885
BRIAN A. NORRIS
LICENSED LAND SURVEYOR

JAMES W. SEWALL COMPANY
ESTABLISHED 1892
Geographic Information Management, Mapping & Forestry Consulting
1 Ist Center Street
P.O. Box 415
Bangor, Maine 04402-0415
207-947-6456
Fax: 207-947-3641
www.jwsc.com

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EXHIBIT K — SHEET 12 OF 24

TransCanada Hydro Northeast Inc

**Bellows Falls Project-No.1855**

Project Boundary Map

1:2,400

200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-110** **H-204211**

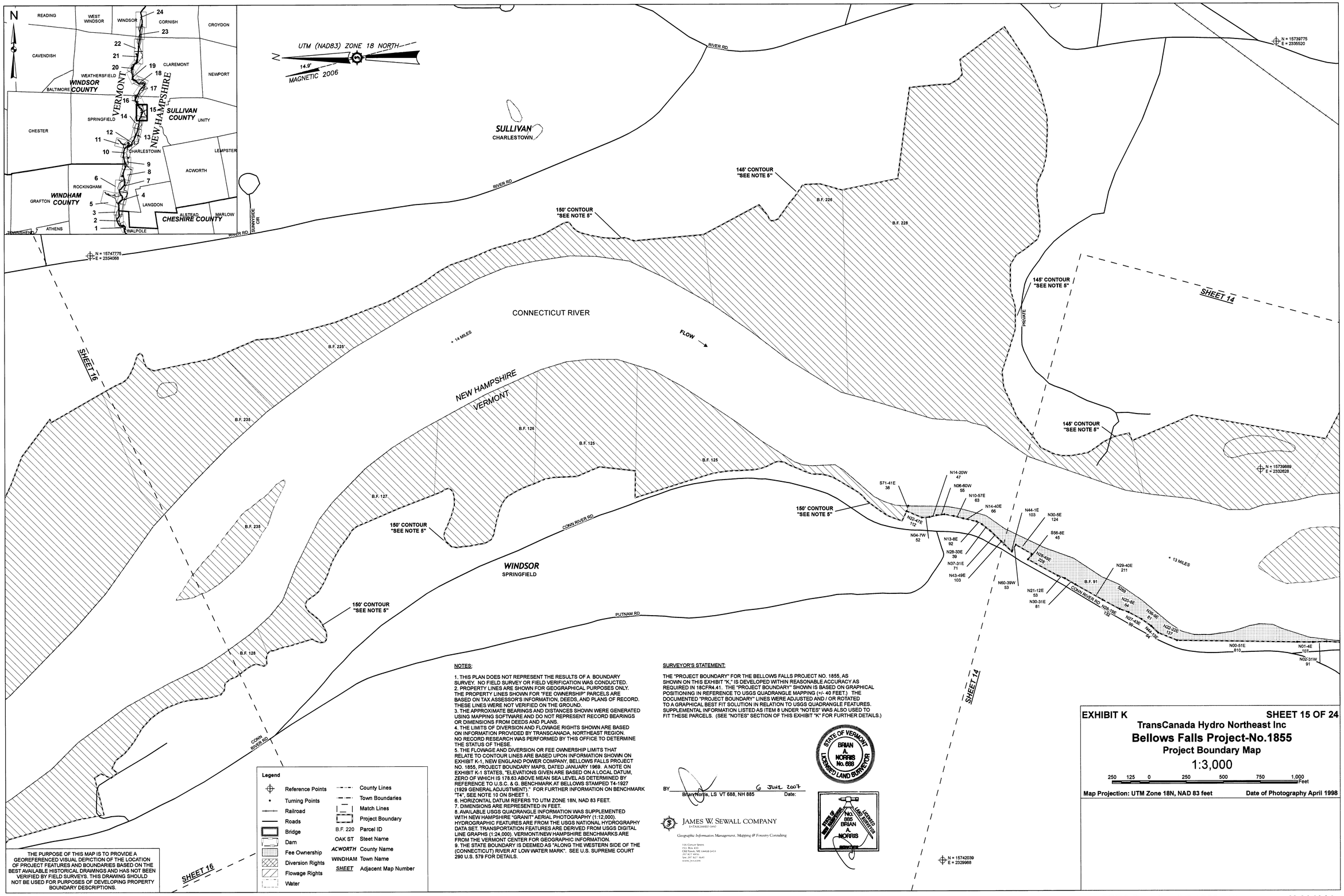


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EXHIBIT K — SHEET 15 OF 24

TransCanada Hydro Northeast Inc

**Bellows Falls Project-No.1855**

Project Boundary Map

1:3,000

250 125 0 250 500 750 1,000 Feet

Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998

SURVEYOR'S STATEMENT:

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Brian Norris, LS VT 688, NH 885 Date:

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UTM (NAD83) ZONE 18 NORTH
N
14.9°
MAGNETIC 2006

N = 15692573
E = 2323046

N = 15698252
E = 2324086

N = 15697965
E = 2321085

135' CONTOUR "SEE NOTE 5"

PRIVATE

NH 12A

UNDERPASS RD

B.F. 176 B.F. 177 B.F. 178 B.F. 178B B.F. 179 B.F. 180 B.F. 181 B.F. 61 B.F. 64 B.F. 66

S18-43W 65
S18-40W 39
S31-24W 117
S80-27W 100
S81-10E 426
S80-49W 117
N86-51W 73
N15-38E 563
N82-49W 44
S04-20W 470
S07-2W 521
S14-22W 469
S14-59W 408
S16-51W 1411
1482
S01-57W 259
S02-4W 111
S03-38E 183
S02-14W 193
S06-5W 137
S03-25W 134
S04-39W 120
S03-27W 176
S03-54W 132
S04-50W 152
S11-53E 160
S09-38E 168
S00-14E 550
CONNECTICUT VALLEY
FLOW
NEW HAMPSHIRE
VERMONT
CONNECTICUT RIVER
+ 3 MILES
+ 4 MILES
SHEET 3
SHEET 5
SHEET 6
SHEET 7
SULLIVAN
CHARLESTOWN
WINDHAM
ROCKINGHAM
S72-58E 65
S73-28E 1658
VERMONT CHURCH COVE RD
634
577
3638
2915
1577

NOTES:

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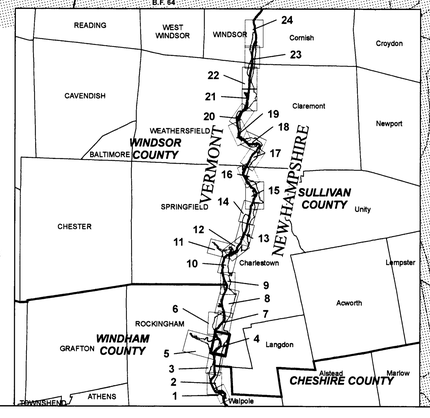



Legend

| | | | |
|---|---|---|---|
| | Reference Points | | County Lines |
| | Turning Points | | Town Boundaries |
| | Railroad | | Match Lines |
| | Roads | | Project Boundary |
| | Bridge | B.F. 220 | Parcel ID |
| | Dam | OAK ST | Steet Name |
| | Fee Ownership | *ACWORTH* | County Name |
| | Diversion Rights | WINDHAM | Town Name |
| | Flowage Rights | *SHEET* | Adjacent Map Number |
| | Water | | |

EXHIBIT K — SHEET 4 OF 24

TransCanada Hydro Northeast Inc

**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:2,400

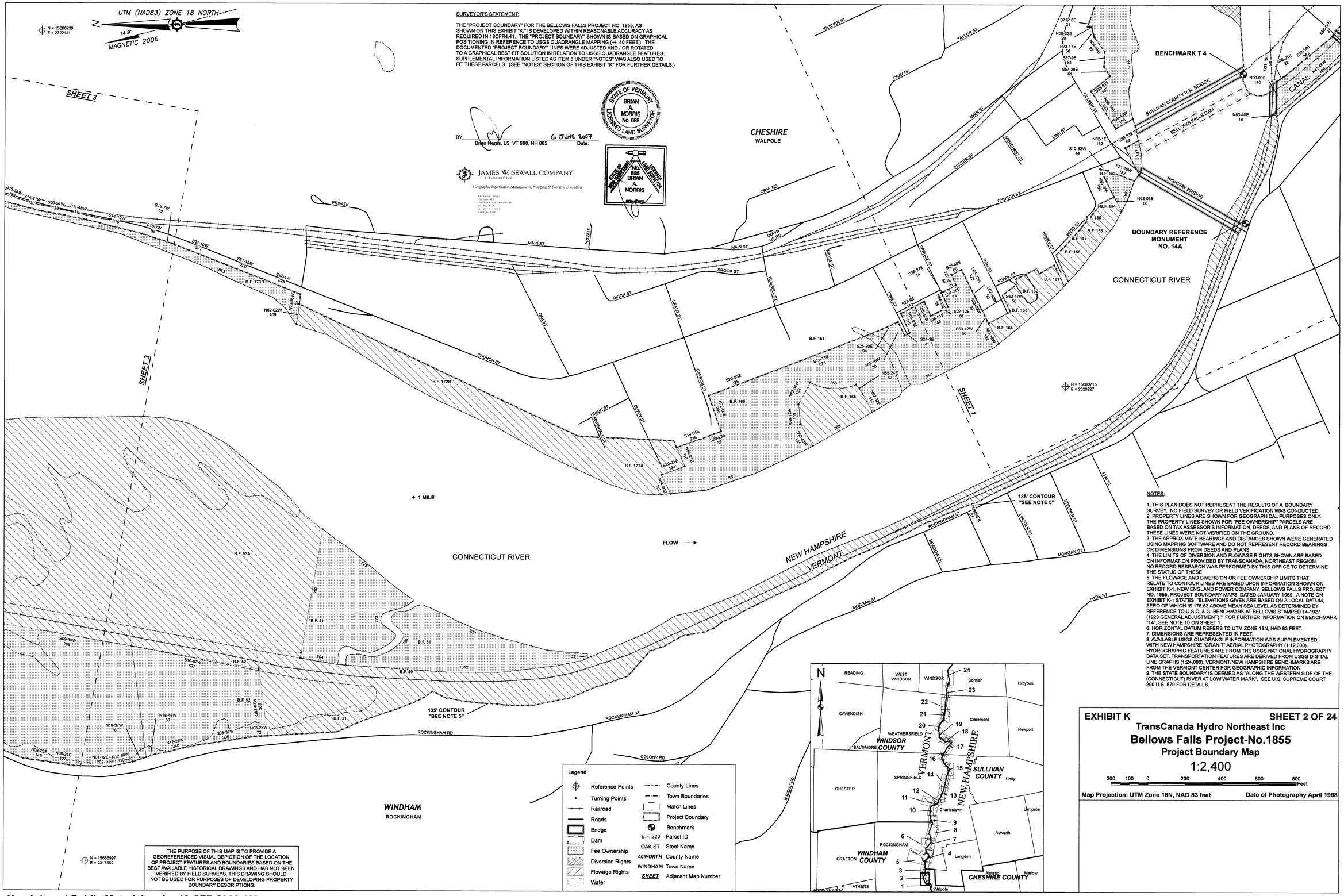
200 100 0 200 400 600 800 Feet

Map Projection: UTM Zone 18N, NAD 83 feet — Date of Photography April 1998

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-102** **H-204203**




SURVEYOR'S STATEMENT:

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BY _____ 6 JUNE 2007
Brian Norris, LS VT 688, NH 885 Date:

STATE OF VERMONT
BRIAN A. NORRIS
No. 688
LICENSED LAND SURVEYOR

STATE OF NEW HAMPSHIRE
LICENSED LAND SURVEYOR
No. 885
BRIAN A. NORRIS

JAMES W. SEWALL COMPANY
ESTABLISHED 1892
Geographic Information Management, Mapping & Forestry Consulting
15 LA JOLLA DRIVE
P.O. Box 833
Old Town, ME 04468-0833
207-827-4456
fax 207-827-3681
www.jwsc.com

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**EXHIBIT K** **SHEET 2 OF 24**

**TransCanada Hydro Northeast Inc**

**Bellows Falls Project-No.1855**

**Project Boundary Map**

1:2,400

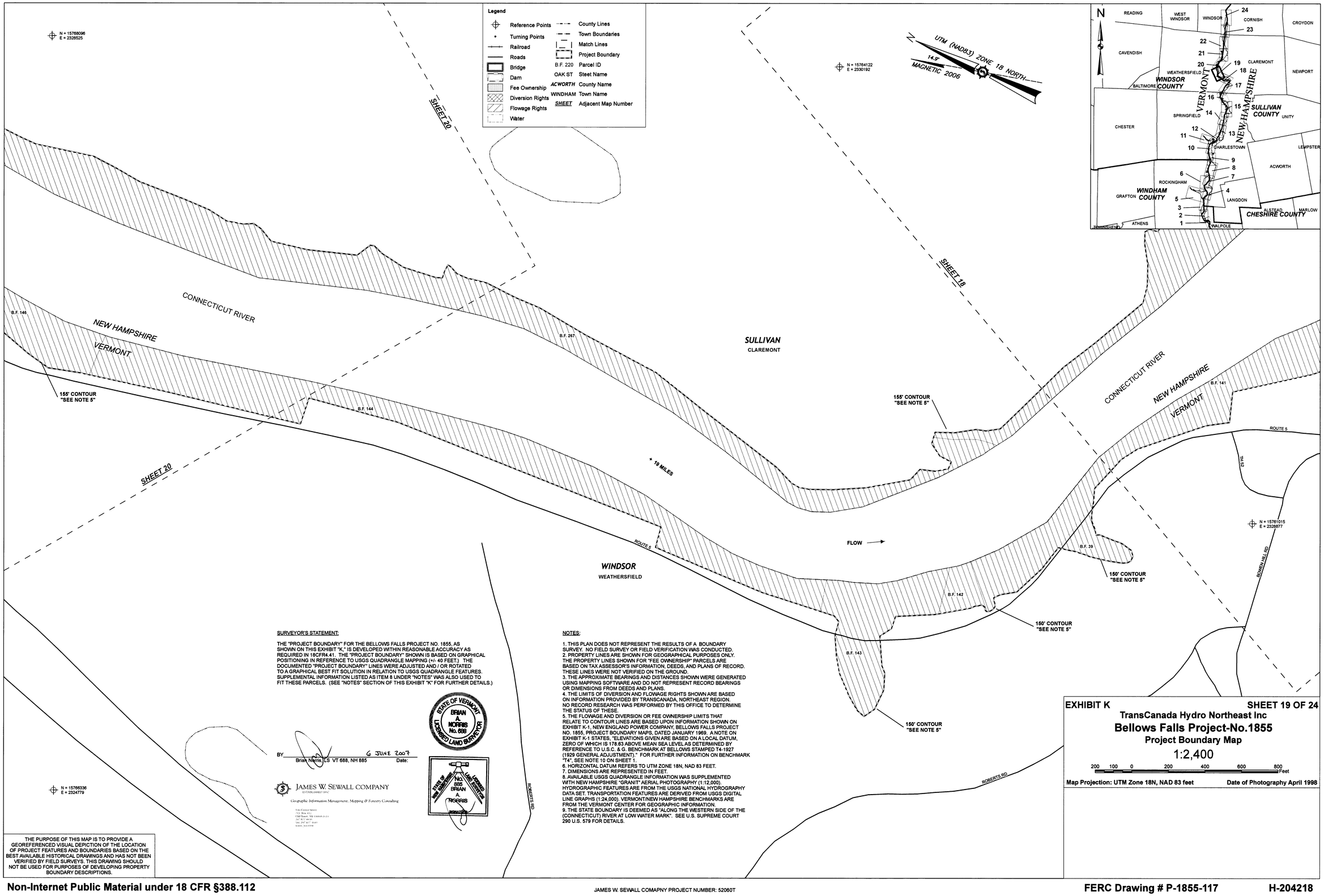
200 100 0 200 400 600 800 Feet

**Map Projection: UTM Zone 18N, NAD 83 feet** **Date of Photography April 1998**

**Non-Internet Public Material under 18 CFR §388.112**

JAMES W. SEWALL COMPANY PROJECT NUMBER: 52060T

**FERC Drawing # P-1855-100** **H-204201**

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JAMES W. SEWALL COMPANY
ESTABLISHED 1911
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Old Town, ME 04468-0832
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EXHIBIT K — SHEET 19 OF 24

TransCanada Hydro Northeast Inc

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**Project Boundary Map**

1:2,400

200 100 0 200 400 600 800 Feet

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