STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
N.H.	13678F	23A	-

REVISIONS AFTER PROPOSAL

NUMBER	DATE	STATION	STATION	DESCRIPTION

NOTEBOOKS

	BOOK	PAGE

	BOOK	PAGE

	DATE
EXISTING DETAIL	-
PROPOSED DESIGN	DATE 11-11
SHEET CHECKED	DATE 11-11
AS BUILT DETAILS	DATE

STA 109+34.87
LIMIT OF WORK

CONTRACTOR TAKE NOTE OF SEWER MAIN THAT CANNOT BE IMPACTED

LIMIT OF WORK

DANIEL STREET

BOW STREET

SCOTT AVENUE

U.S. ROUTE 1 SOUTH BOUND

U.S. ROUTE 1 NORTHBOUND

DUTTON AVENUE

WRIGHT AVENUE

STATE STREET

MARCY STREET

MEMORIAL BRIDGE

PISCATAQUA RIVER

MATCH TO GENERAL PLAN 2
MATCHLINE STA 25+50

PT
STA 44+78.23

PC
STA 23+40.79

PC
STA 62+32.15

PC
STA 42+75.17

STA 42+05.00
BEGIN CONSTRUCTION

STA 40+17.63
LIMIT OF WORK

SLOPE LINE

3 RAIL CEDAR FENCE

PARKING MACHINE PAD (SEE NOTE 3)

MUNICIPAL PARKING

MEMORIAL PARK

HISTORIC PLAQUE (SEE NOTE 4)

REMOVE CONCRETE SIDEWALK

6' BRICK SIDEWALK

(ABANDONED)

LIMIT OF WORK

100 FOOT TIDAL BUFFER ZONE

Warner House Association

St. John's Church

6 story brick office bldg/ parking garage

Harbor Place Group LLC

City of Portsmouth

2 story brick Portsmouth Recreation Center

Hunt, Joe M.

Hunt Joe. M & Pamela

68 State Street LLC

March Twenty Two LLC

Kelm Stephen

Thirty Eight State St. Realty

Angelopoulos John C. & Jane C.

Margeson Fleury Snow Living Trust

City of Portsmouth Prescott Park

Pier II LLC

2 story wood Pier II Restaurant

MAG.

1
E1UBL

NOTES:

1. SEE GENERAL PLAN 1B FOR DETAILS OF DANIEL STREET UNDER US ROUTE 1.
2. CONTRACTOR TO MINIMIZE DISTURBANCE TO MEMORIAL PARKS TO THE EXTENT POSSIBLE.
3. SEE SHEET 18 FOR DETAILS PARKING MACHINE PAD.
4. SEE SPECIAL PROVISION FOR ITEM 670.064 - REFURBISH HISTORIC PLAQUES (PLAQUES 2, 3, 4 AND 5) FOR DETAILS OF HISTORIC PLAQUE. SEE SPECIAL PROVISION FOR ITEM 670.065 - REMOVE/REINSTALL GRANITE PLINTH AND DETAIL SHEET 18 FOR FOOTING DETAILS.

30% SUBMISSION
NOVEMBER 10, 2011

SCALE IN FEET
20 0 20 40

ARCHER WESTERN CONTRACTORS

HNTB Corporation
The HNTB Companies
Engineers Architects Planners

STATE OF NEW HAMPSHIRE

DEPARTMENT OF TRANSPORTATION ○ BUREAU OF HIGHWAY DESIGN

GENERAL PLAN 1A

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	13678F	23A	-

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STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
N.H.	13678F	24A	-

REVISIONS AFTER PROPOSAL

NUMBER	DATE	STATION	STATION	DESCRIPTION

NOTEBOOKS

BOOK PAGE

BOOK PAGE

EXISTING DETAIL - DATE -

PROPOSED DESIGN RWH DATE 11-11

SHEET CHECKED RJD DATE 11-11

AS BUILT DETAILS DATE

STA 109+34.87
LIMIT OF WORK

LIMIT OF WORK

DANIEL STREET

BOW STREET

PT
STA 109+28.25

PT
STA 106+28.92

UNDERGROUND CONDUIT ITEM 614.91

PROPOSED SIDEWALK (TYP.)

GAS METER AND EQUIPMENT (SEE BRIDGE PLANS)

UTILITY SLAB

MEMORIAL BRIDGE

MATCH TO GENERAL PLAN 2
MATCHLINE STA 25+50

PISCATAQUA RIVER

BOLLARDS (SEE NOTE 5)

BACKUP GENERATOR (SEE NOTE 6)

EXISTING CONCRETE SLAB (SEE NOTE 7)

ITEM 583.4 - RIPRAP D (SEE NOTE 3)

PC
STA 105+18.35

PROPOSED PARKING FOR BRIDGE OPERATORS

ABOVE GROUND WATER METER (SEE BRIDGE PLANS)

PT
STA 104+84.41

SECURITY GATE

SLOPE LINE

SEE BRIDGE PLANS FOR PERFORATED PIPE DETAILS

PC
STA 106+79.24

3 RAIL CEDAR FENCE

SCOTT AVENUE

U.S. ROUTE 1 SOUTH BOUND

U.S. ROUTE 1 NORTHBOUND

MUNICIPAL PARKING

MEMORIAL PARK

WRIGHT AVENUE

DUTTON AVENUE

PCC
STA 104+00.50

STA 100+66.20
LIMIT OF WORK

STATE STREET

MARCY STREET

(ABANDONED)

LIMIT OF WORK

100 FOOT TIDAL BUFFER ZONE

PC
STA 103+10.12

NOTES:

1. SEE GENERAL PLAN 1A FOR DETAILS OF US ROUTE 1 OVER DANIEL STREET.
2. CONTRACTOR TO MINIMIZE DISTURBANCE TO MEMORIAL PARKS TO THE EXTENT POSSIBLE.
3. SEE SHEET 21 FOR DETAILS OF RIPRAP ON SLOPE.
4. SEE GRADING PLAN FOR DETAILS UNDER SCOTT AVENUE BRIDGE.
5. PLACE (2) 5" DIAMETER BOLLARDS 3' IN FRONT OF GAS METER.
6. SEE BRIDGE PLANS FOR DETAILS OF BACKUP GENERATOR FOUNDATION.
7. REMOVAL OF THE EXISTING CONCRETE SLAB SHALL BE PAID FOR UNDER ITEM 502.101 - REMOVAL OF EXISTING BRIDGE STRUCTURES. SEE SCOTT AVENUE BRIDGE PLANS.

30% SUBMISSION
NOVEMBER 10, 2011

20 0 20 40
SCALE IN FEET

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DEPARTMENT OF TRANSPORTATION ○ BUREAU OF HIGHWAY DESIGN

GENERAL PLAN 1B

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	13678F	24A	-

STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
N.H.	13678F	25	-

MAG.

TOWN OF KITTERY
CITY OF PORTSMOUTH

MATCH TO GENERAL PLAN 1
MATCHLINE STA 25+50

conc curb
asphalt bridge deck
MEMORIAL BRIDGE
US ROUTE 1
conc curb
16'
16'
26
27
28
29
30
steel wheel stop
steel grid deck
steel wheel stop

MATCH TO GENERAL PLAN 3
MATCHLINE STA 30+50

1
E1UBL

PISCATAQUA RIVER

STATE OF MAINE
STATE OF NEW HAMPSHIRE

20 0 20 40
SCALE IN FEET

30% SUBMISSION
NOVEMBER 10, 2011

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DEPARTMENT OF TRANSPORTATION ○ BUREAU OF HIGHWAY DESIGN

GENERAL PLAN 2

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	13678F	25	-

REVISIONS AFTER PROPOSAL

NUMBER	DATE	STATION	STATION	DESCRIPTION

NOTEBOOKS

	BOOK	PAGE
	BOOK	PAGE

		DATE
EXISTING DETAIL	-	-
PROPOSED DESIGN	RWH	11-11
SHEET CHECKED	RJD	11-11
AS BUILT DETAILS		

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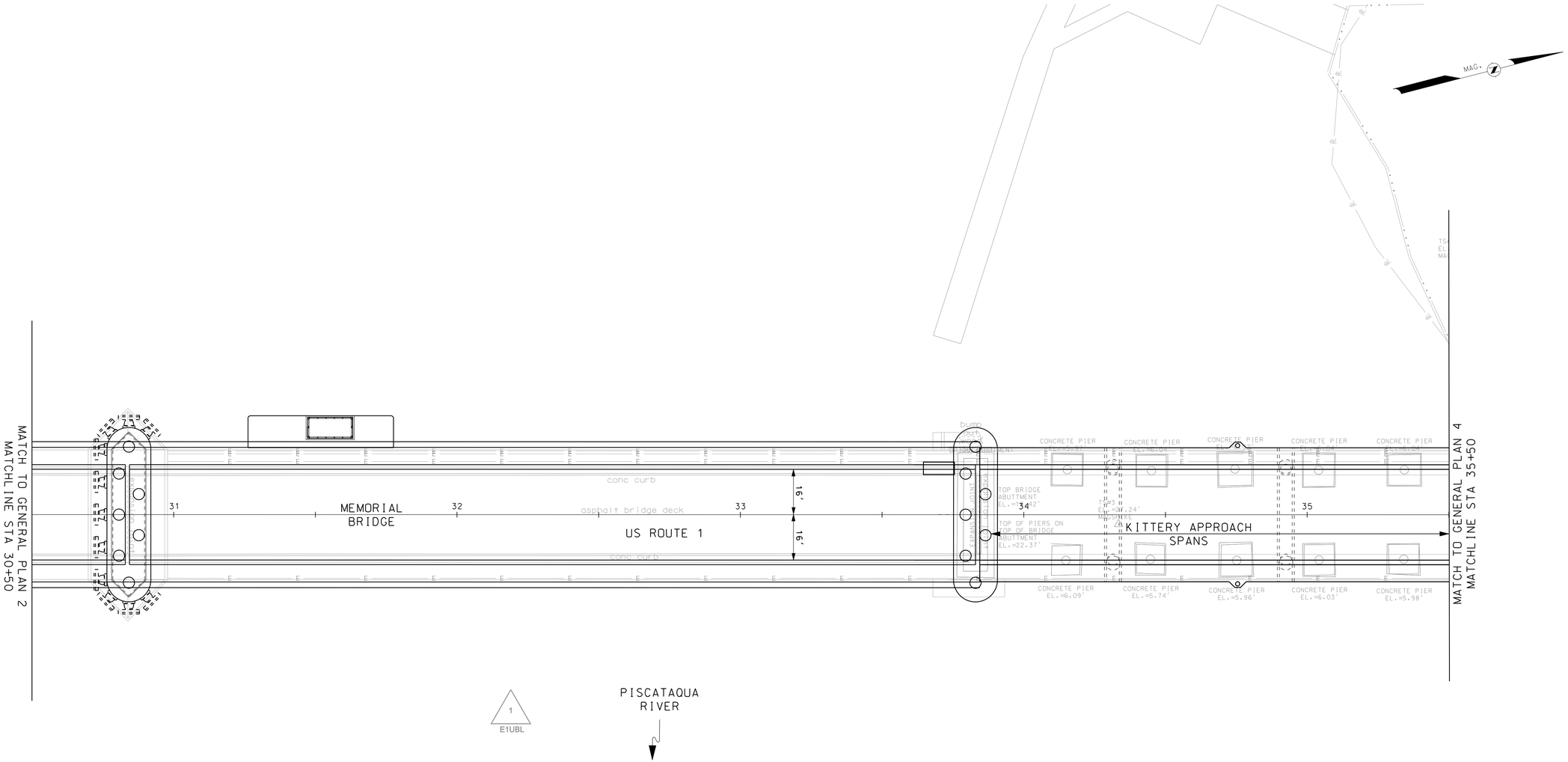
STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
N.H.	13678F	26	-



REVISIONS AFTER PROPOSAL			
NUMBER	DATE	STATION	DESCRIPTION

NOTEBOOKS		
	BOOK	PAGE
	BOOK	PAGE

EXISTING DETAIL	-	DATE -
PROPOSED DESIGN	RWH	DATE 11-11
SHEET CHECKED	RJD	DATE 11-11
AS BUILT DETAILS		DATE

30% SUBMISSION
NOVEMBER 10, 2011

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GENERAL PLAN 3

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	13678F	26	-

STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
N.H.	13678F	27	-

REVISIONS AFTER PROPOSAL

NUMBER	DATE	STATION	STATION	DESCRIPTION

NOTEBOOKS

BOOK		PAGE
BOOK		PAGE

EXISTING DETAIL	-
PROPOSED DESIGN	RWH
SHEET CHECKED	RJD
AS BUILT DETAILS	

DATE	-
DATE	11-11
DATE	11-11
DATE	

MATCH TO GENERAL PLAN 3
MATCHLINE STA 35+50

KITTERY APPROACH SPANS

BADGER'S ISLAND

BADGER'S ISLAND WEST

BADGER ISLAND WAY

BLUE STAR MEMORIAL HIGHWAY
US ROUTE 1

ISLAND AVENUE

PISCATAQUA RIVER

3 RAIL CEDAR FENCE

STA 37+80.00
LIMIT OF WORK

100-FOOT TIDAL BUFFER ZONE

Condonimiums

Verville, Wilfred R. & Janet T.

Osgood, Scott P.

Madison Street LLC

Marquis, Anthony

Iordanou Trustee, Athanasios

Kittery Landing Marina

EXISTING BUILDING

EXISTING DWELLING

PARKING AREA

FACE CONCRETE RETAINING WALL

GRANITE STEPS

CONCRETE PAVER AREA

CONCRETE WALK

CONCRETE STEPS

BIT. DRIVE

CONCRETE RET. WALLS

CONCRETE PIER

CONCRETE CURB

CONCRETE COLUMN

UPPER BRIDGE SEAT EL.=23.11'

LOWER BRIDGE SEAT EL.=21.01'

16'

GRANITE CURB (TYP.)

CONCRETE PAD W/TRANSFORMER

SLOPED GRANITE CURB

CONCRETE

CONC.

HEDGE (TYP.)

DELINEATED WETLAND LIMITS

TOE OF RIPRAP

Approx. Exist. R.O.W.

MAG.

SCALE IN FEET
20 0 20 40

30% SUBMISSION
NOVEMBER 10, 2011

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DEPARTMENT OF TRANSPORTATION ○ BUREAU OF HIGHWAY DESIGN

GENERAL PLAN 4

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	13678F	27	-

STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
N.H.	13678F	37A	-

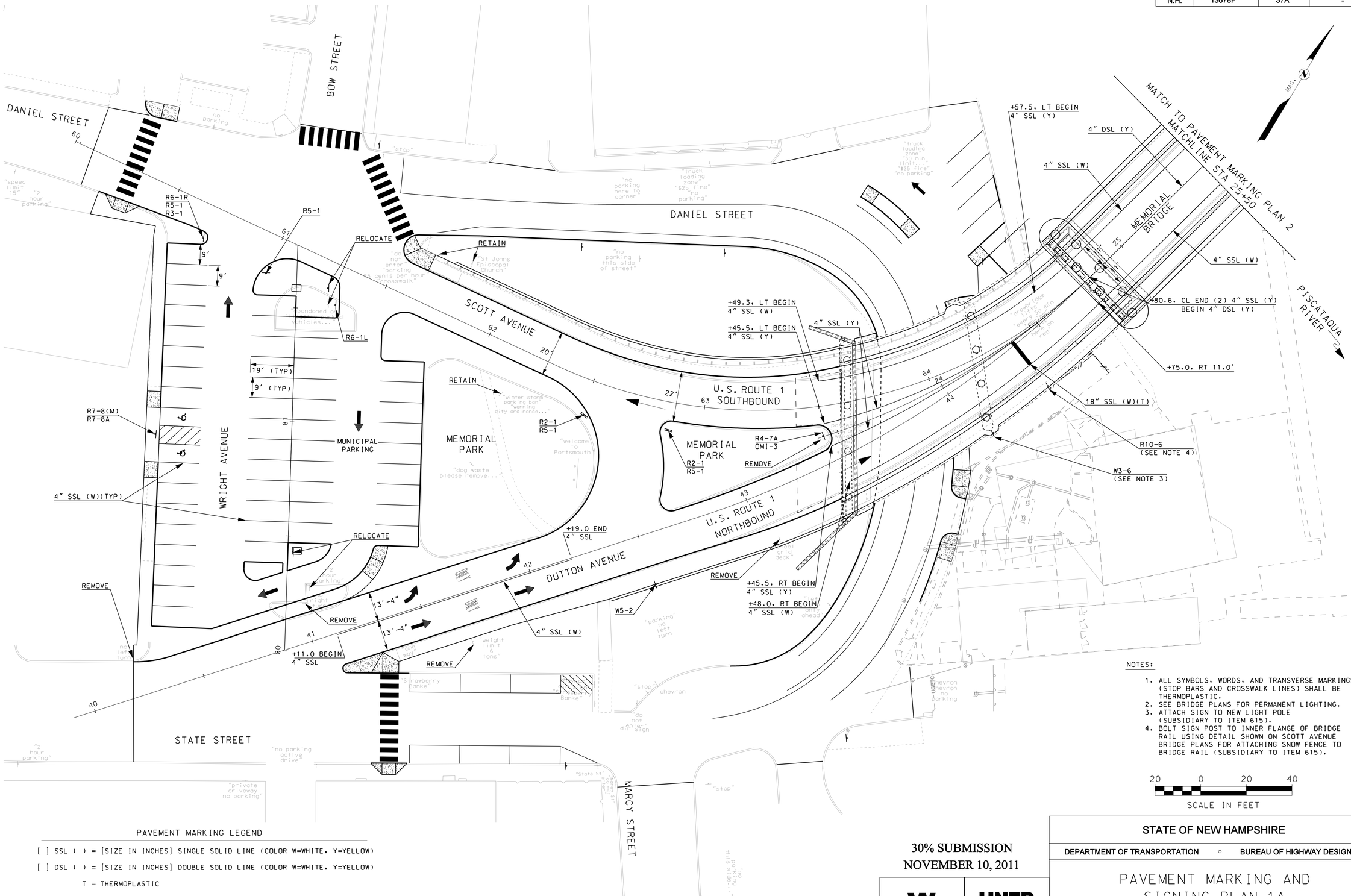
REVISIONS AFTER PROPOSAL

NUMBER	DATE	STATION	STATION	DESCRIPTION

NOTEBOOKS

	BOOK	PAGE
	BOOK	PAGE

	DATE
EXISTING DETAIL	-
PROPOSED DESIGN	DATE 11-11
SHEET CHECKED	DATE 11-11
AS BUILT DETAILS	DATE



PAVEMENT MARKING LEGEND

[ ] SSL ( ) = [SIZE IN INCHES] SINGLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)

[ ] DSL ( ) = [SIZE IN INCHES] DOUBLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)

T = THERMOPLASTIC

NOTES:

1. ALL SYMBOLS, WORDS, AND TRANSVERSE MARKINGS (STOP BARS AND CROSSWALK LINES) SHALL BE THERMOPLASTIC.
2. SEE BRIDGE PLANS FOR PERMANENT LIGHTING.
3. ATTACH SIGN TO NEW LIGHT POLE (SUBSIDIARY TO ITEM 615).
4. BOLT SIGN POST TO INNER FLANGE OF BRIDGE RAIL USING DETAIL SHOWN ON SCOTT AVENUE BRIDGE PLANS FOR ATTACHING SNOW FENCE TO BRIDGE RAIL (SUBSIDIARY TO ITEM 615).

20 0 20 40

SCALE IN FEET

30% SUBMISSION
NOVEMBER 10, 2011

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PAVEMENT MARKING AND SIGNING PLAN 1A

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	13678F	37A	-

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STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
N.H.	13678F	38A	-

REVISIONS AFTER PROPOSAL

NUMBER	DATE	STATION	STATION	DESCRIPTION

NOTEBOOKS

		BOOK	PAGE
		BOOK	PAGE

EXISTING DETAIL	-	DATE	-
PROPOSED DESIGN	RWH	DATE	11-11
SHEET CHECKED	RJD	DATE	11-11
AS BUILT DETAILS		DATE	

STA 109+34.87
LIMIT OF WORK

DANIEL STREET

BOW STREET

RETAIN

no parking

R1-1
REMOVE

+86.0 END
4" DSL (Y)

4" DSL (Y)

"stop"

24" SSL (W)(T)
(TYP.)

18" SSL (W)(T)

"speed limit 15"

"2 hour parking"

RETAIN

8' WIDE
(TYP)

"no parking here to corner"

"truck loading zone" "$25 fine" "no parking"

RETAIN

+90.8, RT
END 4" SSL (W)

4" SSL (W)(TYP)

"truck loading zone" "30 min. limit... "$25 fine" "no parking"

9' (TYP)

22' (TYP)

+68.1, RT
BEGIN 4"
SSL (W)

MATCH TO PAVEMENT MARKING PLAN 2
MATCHLINE STA 25+50

MAG.

MEMORIAL BRIDGE

PISCATAQUA RIVER

4" SSL (W)

DANIEL STREET

4'

+69.0, LT END
4" SSL

"do not enter" "parking 75 cents per hour" "crosswalk"

"St Johns / Episcopal Church"

W12-2
(12'-6")
W16-9P

"no parking this side of street"

W13-1
(15 MPH)

RETAIN

+41.7, RT
END 4" SSL (W)

"drawbridge lift every 30 min. 7am-7pm historic bridge"

REMOVE

9' (MIN) (TYP)

20' (TYP)

4" SSL (W)(TYP)

SCOTT AVENUE

"abandoned or illegally parked vehicles..."

MUNICIPAL PARKING

81

MEMORIAL PARK

"winter storm parking ban" "warning city ordinance..."

"welcome to Portsmouth"

"dog waste please remove..."

U.S. ROUTE 1 SOUTHBOUND

"passenger car only w/ handicap tag"

MEMORIAL PARK

U.S. ROUTE 1 NORTHBOUND

12'

12'

4'

12'

12'

WRIGHT AVENUE

80

"2 hour parking"

no right turn

DUTTON AVENUE

"steel grid deck"

RETAIN

4" SSL (W)

+69. LT & RT BEGIN
4" SSL (W), LT & RT

"left turn only ahead"

4" DSL (Y)
4" SSL (W)

STA 100+66.20
LIMIT OF WORK

no left turn

"weight limit 6 tons"

"one way"

"parking" no left turn

RETAIN

"Strawberry Banke"

8' (TYP)

"Strawberry Banke"

"State St" "do not enter" sign

chevron

"do not enter" sign

chevron chevron no parking

"2 hour parking"

STATE STREET

"no parking active drive"

22' (TYP)

W12-2
(12'-6")
W16-9P

"private driveway no parking"

5' (TYP)

4" SSL (W)(TYP)

"State St" "do not enter" sign

MARCY STREET

+20.0 BEGIN
4" DSL (Y)

"stop"

W13-1
(15 MPH)

"no parking this side..."

NOTES:

1. ALL SYMBOLS, WORDS, AND TRANSVERSE MARKINGS (STOP BARS AND CROSSWALK LINES) SHALL BE THERMOPLASTIC.

2. SEE BRIDGE PLANS FOR PERMANENT LIGHTING.

20 0 20 40
SCALE IN FEET

PAVEMENT MARKING NOTE

1. ALL SYMBOLS, WORDS AND TRANSVERSE MARKINGS (STOP BARS, CROSSWALK LINES, AND RAILROAD SYMBOLS) SHALL BE THERMOPLASTIC.

PAVEMENT MARKING LEGEND

[ ] SSL ( ) = [SIZE IN INCHES] SINGLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)

[ ] DSL ( ) = [SIZE IN INCHES] DOUBLE SOLID LINE (COLOR W=WHITE, Y=YELLOW)

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30% SUBMISSION
NOVEMBER 10, 2011

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PAVEMENT MARKING AND SIGNING PLAN 1B

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
	13678F	38A	-