

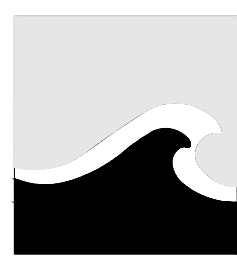
TOWN OF BOURNE BOURNE, MASSACHUSETTS

BRIARWOOD LANE BRIDGE TIMBER REPAIRS



LIST OF DRAWINGS

- 1. PLAN & ELEVATION VIEW
- 2. DETAILS



TEC

ASSOCIATES

CONSULTING
ENGINEERS

46 SAWYER STREET

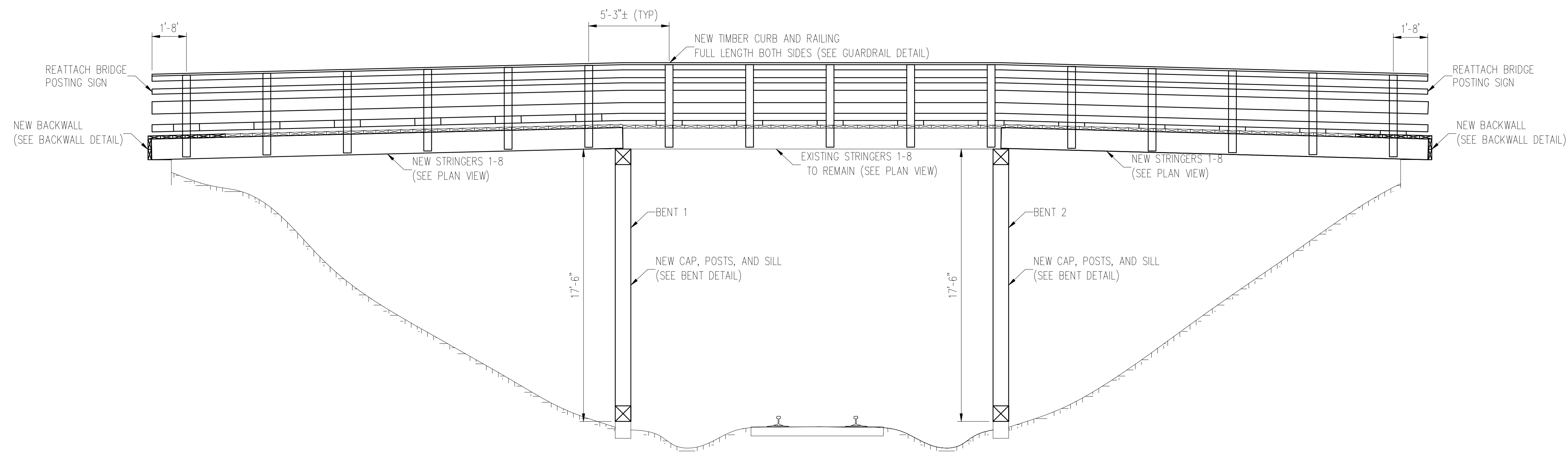
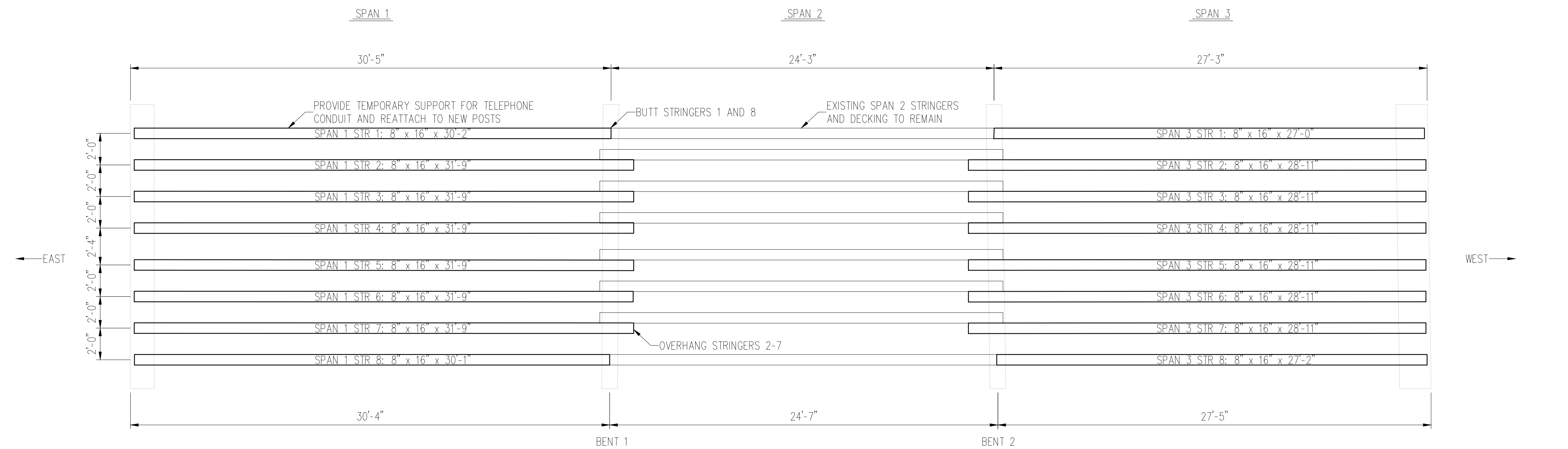
SOUTH PORTLAND

MAINE

04106



TOWN OF BOURNE BOURNE, MASSACHUSETTS			
BRIARWOOD LANE BRIDGE		BOURNE, MA	
COVER			
 TEC ASSOCIATES CONSULTING ENGINEERS 46 SAWYER STREET SOUTH PORTLAND, MAINE 04106			
SCALE N.T.S.		DATE 30 NOVEMBER 2020	
JOB NUMBER 20286-1	DRAWN BY JWL	DESIGNED BY	DRAWING NO. COVER

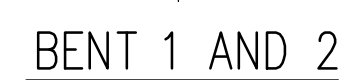
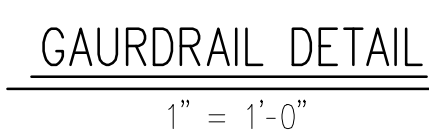
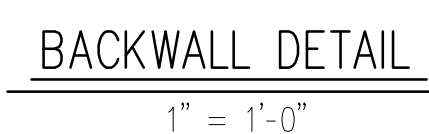


TOWN OF BOURNE
BOURNE, MASSACHUSETTS

BRIARWOOD LANE BRIDGE BOURNE, MA
PLAN & ELEVATION VIEW

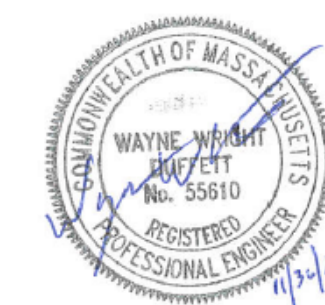
TEC ASSOCIATES CONSULTING ENGINEERS
46 SAWYER STREET SOUTH PORTLAND, MAINE 04106

SCALE	$\frac{1}{4}" = 1'-0"$	DATE	30 NOVEMBER 2020
JOB NUMBER 20286-1	DRAWN BY JWL	DESIGNED BY JWL	DRAWING NO. 1 OF 2



ITEM	WORK	SIZE
CAPS	BENT 1, REPLACE CAP	(1) 12" x 12" x 18'-0"
CAPS	BENT 2, REPLACE CAP	(1) 12" x 12" x 18'-0"
POSTS	BENT 1, REPLACE (3) PLUM POSTS	(3) 12" x 12" x 15'-6"
POSTS	BENT 1, REPLACE (2) BATTER POSTS	(2) 12" x 12" x 16'-0"
POSTS	BENT 2, REPLACE (3) PLUM POSTS	(3) 12" x 12" x 15'-6"
POSTS	BENT 2, REPLACE (2) BATTER POSTS	(2) 12" x 12" x 16'-0"
BRACING	BENT 1, REPLACE BRACES	(2) 3" x 10" x 27'-0"
BRACING	BENT 2, REPLACE BRACES	(2) 3" x 10" x 27'-0"
SILLS	BENT 1, REPLACE SILL	(1) 12" x 12" x 22'-0"
SILLS	BENT 2, REPLACE SILL	(1) 12" x 12" x 22'-0"
STRINGERS	SPAN 1, REPLACE (1) OUTSIDE STRINGER	(1) 8" x 16" x 30'-1"
STRINGERS	SPAN 1, REPLACE (1) OUTSIDE STRINGER	(1) 8" x 16" x 30'-2"
STRINGERS	SPAN 1, REPLACE (6) INSIDE STRINGERS	(6) 8" x 16" x 31'-9"
STRINGERS	SPAN 3, REPLACE (1) OUTSIDE STRINGER	(1) 8" x 16" x 27'-0"
STRINGERS	SPAN 3, REPLACE (1) OUTSIDE STRINGER	(1) 8" x 16" x 27'-2"
STRINGERS	SPAN 3, REPLACE (6) INSIDE STRINGERS	(6) 8" x 16" x 28'-11"
BEARING TIMBERS	SPAN 1 AND SPAN 3, REPLACE BEARING TIMBER	(2) 3" x 12" x 18'-0"
BACKWALL	SPAN 1 AND 3, REPLACE BACKWALL TIMBERS	(4) 3" x 9" x 18'-0"
DECK	SPANS 1 AND 3 - REPLACE (6) DECK PLANKS	(12) 3" x 12" x 16'-0" S4S
GUARDRAIL	SPANS 1-3 - ADD POSTS	(32) 6" x 6" x 5'-5"
GUARDRAIL	SPANS 1-3 - ADD TIMBER CURB SCUPPERS	(32) 4" x 6" x 20"
GUARDRAIL	SPANS 1-3 - ADD TIMBER CURB	6" x 6" x 166'-0" TOTAL
GUARDRAIL	SPANS 1-3 - ADD TIMBER GUARDRAILS	6" x 10" x 166'-0" TOTAL
GUARDRAIL	SPANS 1-3 - ADD TIMBER RAILINGS	4" x 4" x 332'-0" TOTAL
GUARDRAIL	SPANS 1-3 - ADD TIMBER RAILING CAP	2" x 10" x 166'-0" TOTAL

1. ALL FIELD CUT TIMBER SURFACES AND BORED HOLES SHALL BE TREATED WITH AN APPROVED PRESERVATIVE PRIOR TO INSTALLATION.
2. ALL BUTTON HEAD PINS SHALL HAVE HEADS LEFT UP $\frac{1}{2}$ ".
3. ALL UNUSED DRILLED HOLES IN TIMBER SHALL BE CHEMICAL PLUGGED.
4. PILES AND STRINGERS ARE LABELED FROM LEFT TO RIGHT WHEN FACING WEST. BRIDGE SPANS ARE LABELED FROM EAST TO WEST. BENTS ARE LABELED FROM EAST TO WEST.
5. BRIDGE SHALL BE CLOSED TO ALL VEHICULAR TRAFFIC AND PEDESTRIAN TRAFFIC WHILE UNDER CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING WARNING SIGNS, FENCING, AND BARRICADES.



SCALE $\frac{1}{2}'' = 1'-0''$		DATE 30 NOVEMBER 2020	
JOB NUMBER 20286-1	DRAWN BY JWI	DESIGNED BY JWI	DRAWING NO. 2 OF 2