

REQUEST FOR QUOTES

Water Board Trench Patching

To: Interested Contractors
From: Matt Whitty, Engineering Manager
Date: August 25, 2022

The Coos Bay-North Bend Water Board (Water Board) hereby solicits quotes for multiple asphalt pavement repairs. Please provide your quote to Ivan D. Thomas, General Manager by 4 P.M. on Tuesday, September 13, 2022. The quote may be mailed, hand delivered or emailed to matt_whitty@cbnbh2o.com. Questions regarding this Request for Quotes should be directed to Matt Whitty, at 541-267-3128, ext. 232.

Explanatory Note:

The successful contractor will be awarded the initial scope of work. The awarded contractor will have the option of providing additional quotes for repairs up to a total project cost of \$75,000 in AC patching. There is no guarantee of additional work. Once this threshold is reached the Water Board will again request quotes for trench patching from qualified contractors.

Scope:

Provide trench patching and pavement overlay as detailed below:

Braleley Road – three patches totaling 92 square feet including 1-foot wide T-cut, 2-inch AC thickness.

South 5th – road crossing trench patch totaling 141 square feet including 2-inch depth Milling of existing AC pavement on both sides of the trench 1-foot wide. 4-inch AC thickness in trench.

Signal Way – two patches totaling 124 square feet including 1-foot wide T-cut, 3-inch AC thickness.

Sheridan Avenue – two patches totaling 184 square feet, 3-inch thickness.

McDaniels Avenue – trench patch totaling 701 square feet, 2-inch thickness.

McDaniels Avenue – Overlay totaling 3,165 square feet, 2-inch thickness. Mill transition ramps at both ends of previous pavement replacement. The ramps transition from 0 to 2 inches in depth over a ten+/- foot length of the 20'-wide street.

Brussels Avenue – Trench patch totaling 858 square feet plus a small patch of 32 square feet, 3-inch thickness.

Notes:

1. Trench patch areas have been field verified and include areas to be T-cut.

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2. Contractor shall provide all traffic control.
3. All excavated spoils from trench preparation shall become the property of the Contractor.
4. All milling, sawcutting for t-cuts, other trench patch preparation and disposal of trench preparation spoils shall be included in the quoted price per square foot.

Please provide a quote for the following items:

<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Cost</u>
Trench Patching Braley	92 square feet	_____ \$/SQ FT	\$ _____
Trench Patching South 5th	141 square feet	_____ \$/SQ FT	\$ _____
Trench Patching Signal Way	124 square feet	_____ \$/SQ FT	\$ _____
Trench Patching Sheridan	184 square feet	_____ \$/SQ FT	\$ _____
Trench Patching McDaniels	701 square feet	_____ \$/SQ FT	\$ _____
Overlay McDaniels	3,165 square feet	_____ \$/SQ FT	\$ _____
Trench Patching Brussels	890 square feet	_____ \$/SQ FT	\$ _____

Total Cost **\$ _____**

Contractor Registration – The contractor shall be registered as required in ORS Chapter 701.

Insurance Requirements –The contractor shall defend, indemnify, and save harmless Water Board and its employees, its directors, officers, employees and agents against any and all loss, damage, liability, claims, demands, or costs resulting from injury or harm to persons or property (including, without limitation, the contractor's employees or property) to the extent arising out of or in any way connected with the contractor's negligent performance hereof. The contractor's activities shall be deemed to include those of subcontractors. The contractor shall not commence work until they have furnished the Water Board with satisfactory proof of insurance coverage on a proper certificate. Insurance shall include:

- Workers compensation coverages as required by law with a Waiver of Subrogation in favor of the Water Board;
- General liability coverage for damages as a result of death or bodily injury (including personal injury) to any persons or destruction or damage to any property with limits not less

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than \$1 million each occurrence, \$2 million policy aggregate. Such coverages shall include additional insured owners, lessors, or contractors (Form CG 2010-0101);

- Automobile liability insurance as a result of death or bodily injury to any persons or destruction of or damage to any property arising out of the ownership, maintenance, or use of any motor vehicle with limits not less than \$1 million per occurrence;

Required liability coverages shall name the Coos Bay-North Bend Water Board as additional insured and shall contain a severability of interest provision in favor of the Water Board. All required coverage shall be with companies acceptable to the Water Board and shall provide a 30-day notice of any material change or cancellation. Required endorsements shall be attached to the certificate.

Work Completion Date –Target Completion Date for the initial Work is November 30, 2022 with additional work to follow with an anticipated work period ending June 30, 2023.

Work Schedule and Notification – The contractor shall provide a minimum 1 working day notice to the Water Board before starting work. The contact person at the Water Board is Matt Whitty, Engineering Manager, 541-267-3128.

Inspection – The contractor shall provide 24-hour notice to the Water Board and coordinate an inspection with the Water Board prior to placing AC pavement in the prepared trench.

Work Description and Specifications – The contractor shall furnish all equipment and tools, materials, labor, and supervision to perform the work outlined herein. The work consists of trench preparation and AC installation as described in the scope of work and the accompanying exhibits included with this RFQ.

Measurement and Payment – Payment shall be made based on the quantities and unit prices in this quote and shall include all work described above and in the drawing and specifications. Upon acceptance of the quote, the Water Board will issue a purchase order for the work. One payment shall be made upon final completion and acceptance by the Water Board.

Signature

Title

September ____, 2022

**SECTION 02510
ASPHALT CONCRETE PAVEMENT**

1. GENERAL

- A. This item shall include furnishing all materials, labor and equipment required to construct asphalt concrete pavement trench patching.

2. MATERIALS

- A. Asphalt concrete shall be a mixture of asphalt cement, sand and crushed rock, mineral filler and additives as required, heated and plant mixed into a uniformly coated mass. For convenience of reference, the sand shall hereinafter be referred to as fine aggregate and the crushed rock shall be referred to as the coarse aggregate.
- B. Coarse and fine aggregate shall conform to the qualification requirements of Section 00745.10 of the 2008 ODOT Standard Specifications for Construction.
- C. Asphaltic Cement
 - 1. The asphalt cement to be used shall conform to Section 00745.11 of the OSHD Standard Specifications, latest edition. Asphaltic cement shall be PBA-2 grade for dense graded AC (Class B or C) and shall be PBA-5 for open graded AC (Class F).
- D. Asphalt concrete shall be Dense Graded Mixes either ¾" (formerly called Class B) or ½" (formerly called Class C) conforming to Section 00745 of the 2008 ODOT Standard Specifications for Construction.
- E. Asphalt tack coat shall conform to Section 00730.11 of the 2008 ODOT Standard Specifications for Construction.

3. WORKMANSHIP

- A. Mix, process, place and compact in strict compliance with the 2008 ODOT Standard Specifications for Construction and shall be Level 3 HMA unless otherwise specified on the plans.
- B. Minimum temperature at time of placement shall be as per the submitted Job Mix Formula and shall not be placed when the ambient temperature is below 35° F.
- C. Contact surfaces of existing pavements shall be treated with a layer of tack coat asphalt. Do not place on wet surfaces. Apply tack coat in conformance with Section 00730 of the 2008 ODOT Standard Specifications for Construction.
- D. Care shall be taken at all times to prevent segregation in the mixture.
- E. Deficiencies or damages in surfacing shall be immediately repaired by the Contractor upon request of and in a manner approved by the Owner's representative.

1. Immediately repair, clean and retack fouled surfaces that would prevent full bond between successive lifts of mixture.
2. Immediately replace boils, slicks, and oversized materials with fresh mixture.
3. Take immediate corrective measures when segregation or non-uniform surface texture is occurring in the finished mat. If segregation continues to occur, stop production until a plan for providing uniform surface texture is approved by the Engineer.
4. There shall be no sign of roller marks. Immediately correct surface damage from rollers with additional fresh mixture or by other means approved by the Engineer.
5. Surfacing of the asphaltic concrete after compaction shall be smooth and true to established cross section and grade. Take immediate corrective measures when open longitudinal joint are being constructed or when the elevation of the two sides of a longitudinal joint does not match. If problems with the longitudinal joint continue to occur, stop production until a plan for providing tight, equal elevation longitudinal joints is approved by the Engineer.
6. Take immediate corrective measures when the specified compaction density is not being achieved.
7. Remove and replace any mixture that:
 - a. Becomes loose or broken, mixed with dirt, or is in any way defective shall be removed and replaced with fresh hot mixture, which when compacted shall conform to the surrounding area.
 - b. Shows visually too much or too little asphalt.
 - c. Is defective in any way.

F. Compaction

1. Compact pavement to 92.0 percent of the Maximum Theoretical Unit Weight (Rice Gravity) of AASHTO T-209. Either cores or nuclear gages can be used to measure the unit weight of the pavement.
2. Roll with powered equipment capable of obtaining specified density.
3. Begin breakdown rolling immediately after the asphalt is placed when asphalt temperature is at maximum. Complete breakdown rolling before the mix temperature drops below 240° F. Complete handwork compaction concurrently with breakdown rolling.
4. Compaction should be completed as soon as possible after breakdown rolling and before mix temperature drops below 180° F.

- 5. Execute compaction so visibility of joints is minimized. Complete finish rolling to improve asphalt surface as soon as possible after intermediate rolling and while asphalt paving is still warm.
- G. Surfacing of the asphaltic concrete after compaction shall be smooth and true to established cross section and grade. Any mixture which becomes loose or broken, mixed with dirt, or is in any way defective shall be removed and replaced with fresh hot mixture, which when compacted shall conform to the surrounding area. There shall be no sign of roller marks. All costs in correcting defective surfaces shall be borne by the Contractor.
- H. No traffic shall come in contact with any newly paved surface until surface has cooled and set sufficiently to prevent marking. The Contractor is responsible for this traffic control.
- I. A separate weight ticket shall accompany each load delivered to the job site and shall be received by the Owner's representative prior to dumping.
- J. After completion of paving, the Contractor shall remove all debris from the site resulting from his operation.
- K. Contractor shall maintain all surfaced areas and shall furnish all required materials and workmanship at no additional cost to Owner for a period of one (1) year following the Owner's final acceptance of the completed project.
- L. All costs incurred in the repair of deficiencies or damages shall be borne by the Contractor and no additional compensation will be due the Contractor.
- M. AC lifts shall not exceed a compacted depth of two inches. In areas having a specified depth of more than two inches, multiple lifts will be required.

END OF SECTION



SHERIDAN AVE

ASPHALT PATCH (6'x20')
AREA (120sqft)



COOS BAY — NORTH BEND
WATER BOARD

SHERIDAN AVE
ASPHALT PATCH
LOCATION 1

DATE: 8/24/2022	DRWN BY: NTB
SCALE: NTS	ENGINEER: MJW



ASPHALT PATCH (8'x8')
AREA (64sqft)

HWY 101

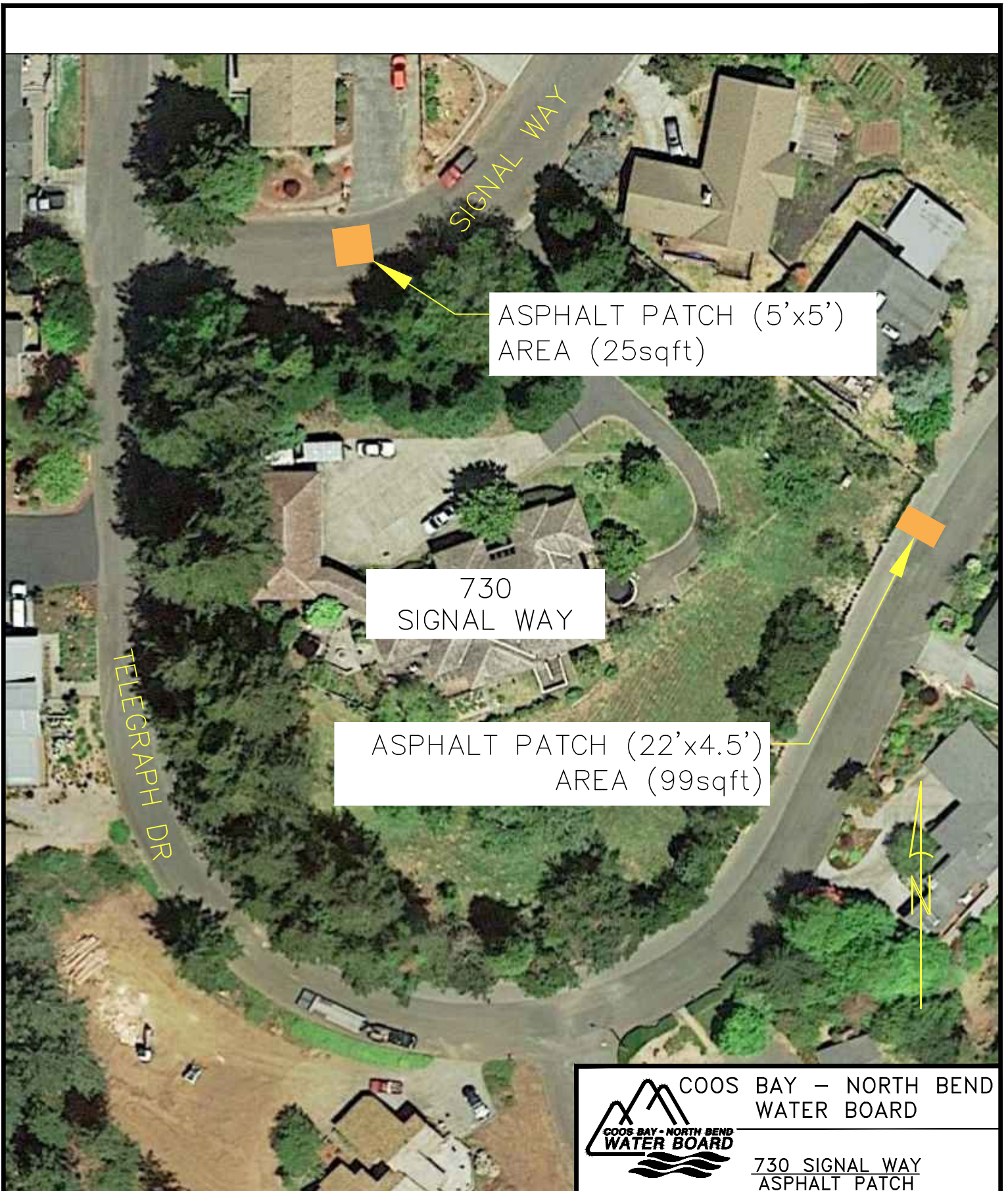
SHERIDAN AVE



COOS BAY – NORTH BEND
WATER BOARD

SHERIDAN AVE
ASPHALT PATCH
LOCATION 2

DATE:8/24/2022	DRWN BY: NTB
SCALE: NTS	ENGINEER: MJW



COOS BAY — NORTH BEND
WATER BOARD

730 SIGNAL WAY
ASPHALT PATCH
LOCATIONS

DATE: 8/24/2022

DRWN BY: NTB

SCALE: NTS

ENGINEER: MJW



ASPHALT PATCH (30'x4.67')
AREA (141sqft)

864
S. 5H STREET

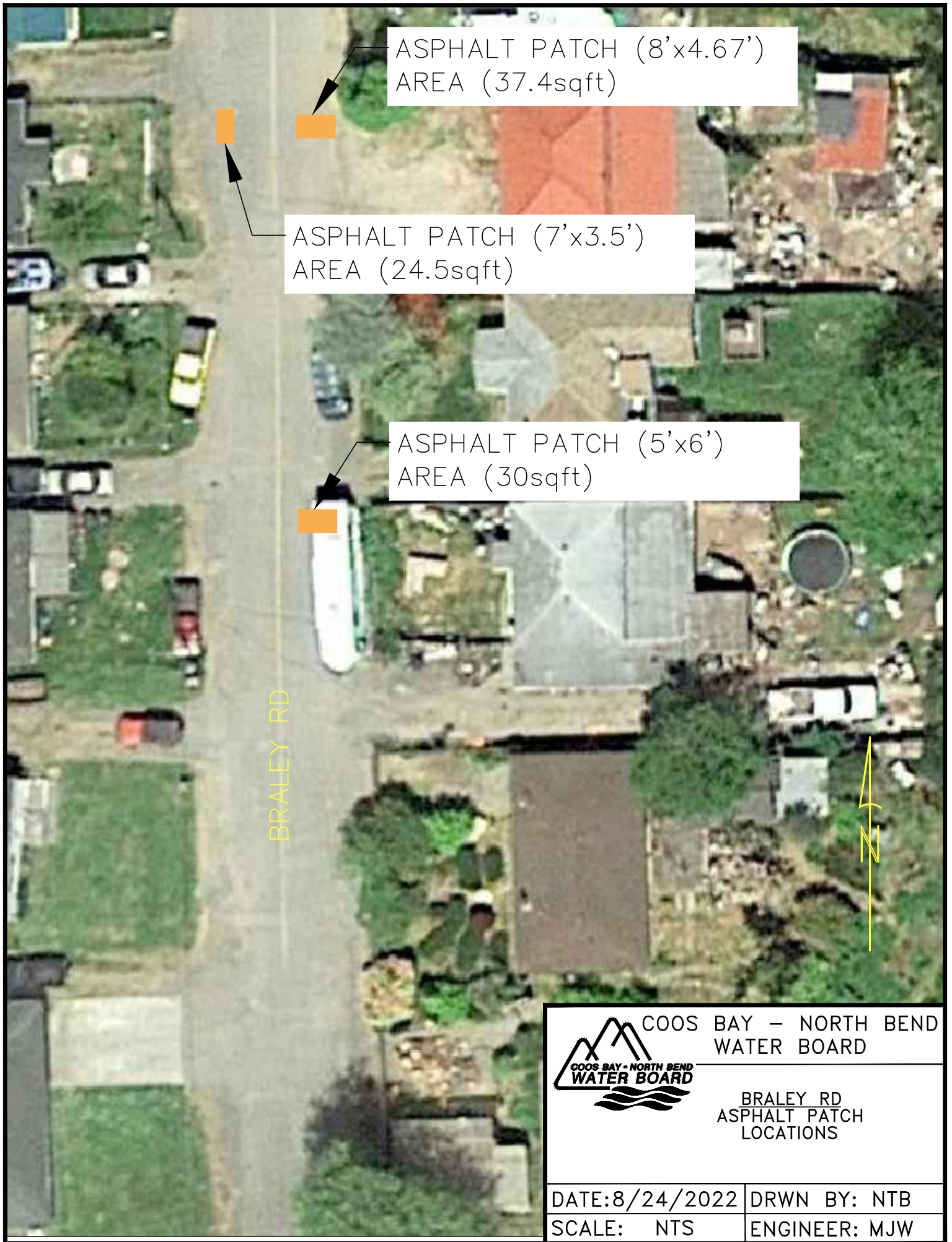
S. 5H STREET



COOS BAY — NORTH BEND
WATER BOARD

864 S. 5TH ST.
ASPHALT PATCH
LOCATION

DATE: 8/24/2022	DRWN BY: NTB
SCALE: NTS	ENGINEER: MJW



ASPHALT PATCH (8'x4.67')
AREA (37.4sqft)

ASPHALT PATCH (7'x3.5')
AREA (24.5sqft)

ASPHALT PATCH (5'x6')
AREA (30sqft)

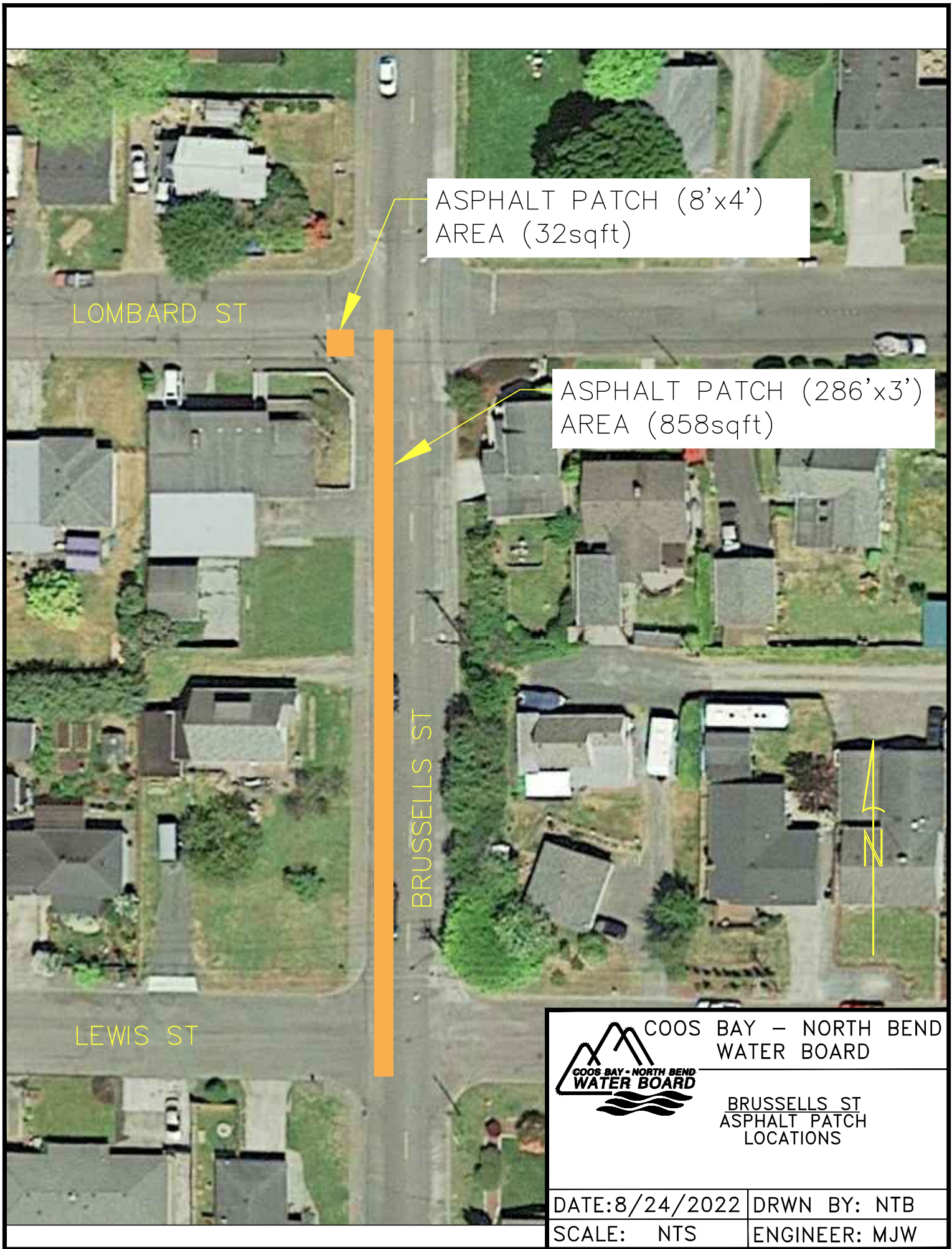
BRALEY RD



COOS BAY — NORTH BEND
WATER BOARD

BRALEY RD
ASPHALT PATCH
LOCATIONS

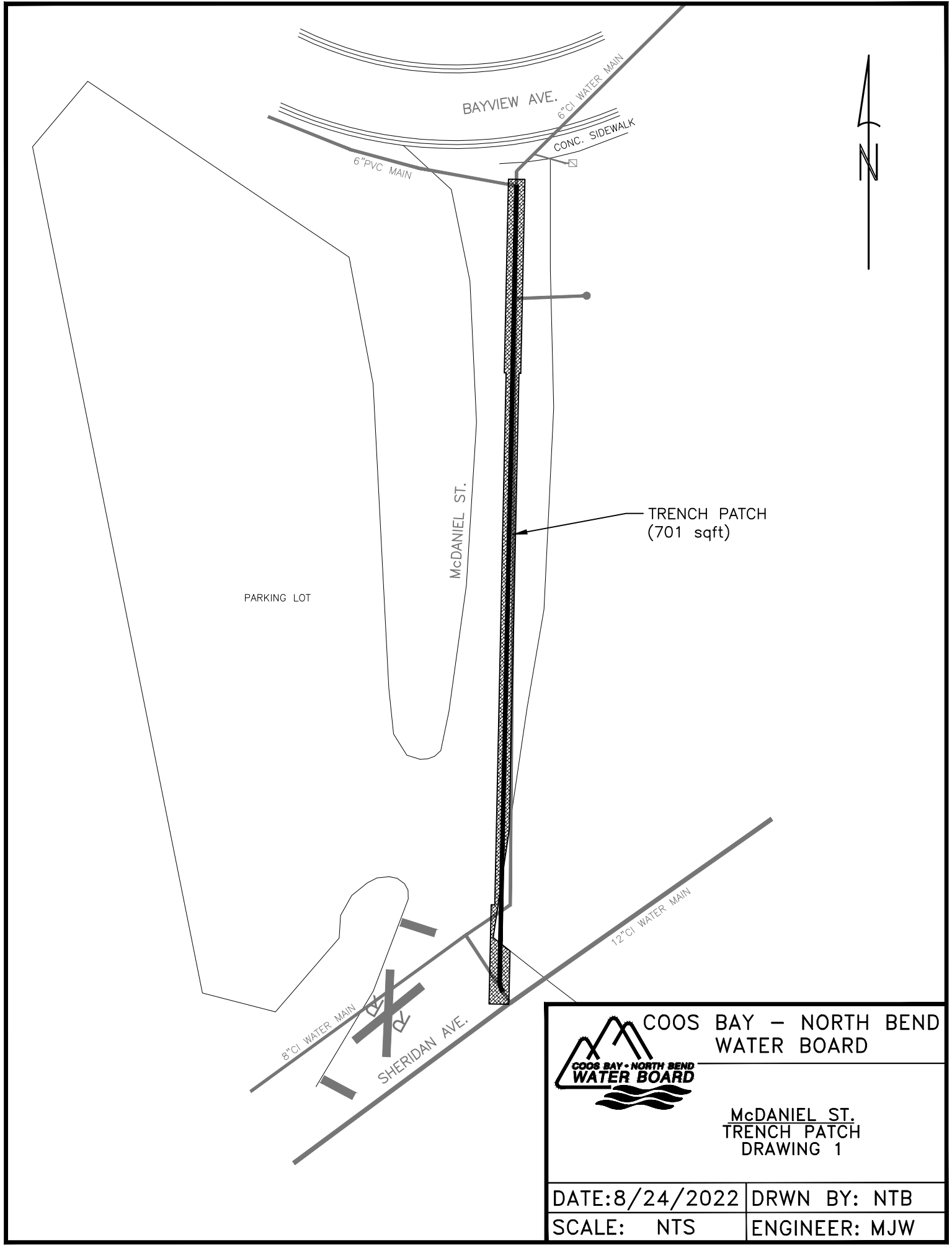
DATE: 8/24/2022	DRWN BY: NTB
SCALE: NTS	ENGINEER: MJW



COOS BAY - NORTH BEND
WATER BOARD

BRUSSELS ST
ASPHALT PATCH
LOCATIONS

DATE: 8/24/2022	DRWN BY: NTB
SCALE: NTS	ENGINEER: MJW



TRENCH PATCH
(701 sqft)



COOS BAY – NORTH BEND
WATER BOARD

McDANIEL ST.
TRENCH PATCH
DRAWING 1

DATE: 8/24/2022	DRWN BY: NTB
SCALE: NTS	ENGINEER: MJW

