

Site Map - Pump Station 10 Access Road Improvements

9036 N. Mercer Way



Legend

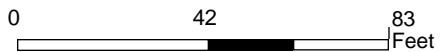
- Address
 - Parcels
 - Buildings
 - Docks
 - Shoreline
 - Major Roads
 - Street Centerline
 - Paved Road
 - Paved Driveway
 - Paved Parking Area
 - Parks
- March 2020
- Red: Band_1
 - Green: Band_2
 - Blue: Band_3

Construction Keynotes

- Construct 4-inch HMA Pavement Access Road
- Optional Bid Item 10' Swing Gate

ITB 23-24

Notes



1 inch =
83.333333333333
feet



Disclaimer: These maps were developed by the City of Mercer Island and are intended to be a general purpose digital reference tool. These maps are not an accepted legal instrument for describing, establishing, recording or maintaining descriptions for property concerns or boundaries. The City makes no representation or warranty with respect to the accuracy or currency of these data sets, especially in regard to labeling of surveyed dimensions, or agreement with official sources such as records of survey, or mapped locations of features.

REV: 01AUG2023

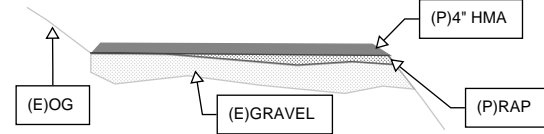
Pump Station 10 Access Road Improvements Scope of Work

9036 N. Mercer Way



CROSS-SECTIONAL DETAIL A

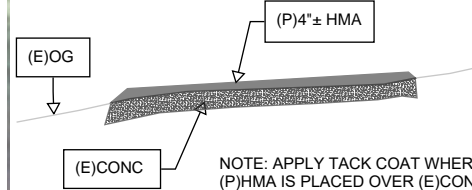
SCALE: NTS



NOTE: RECYCLED ASPHALT PAVEMENT (RAP), PLACED AS NEEDED WITH EXISTING GRAVEL, 0-2", VARIABLE DEPTH FOR LEVELING. CITY TO FURNISH ALL RAP MATERIAL FOR PROJECT, 50 CY TOTAL.

CROSS-SECTIONAL DETAIL B

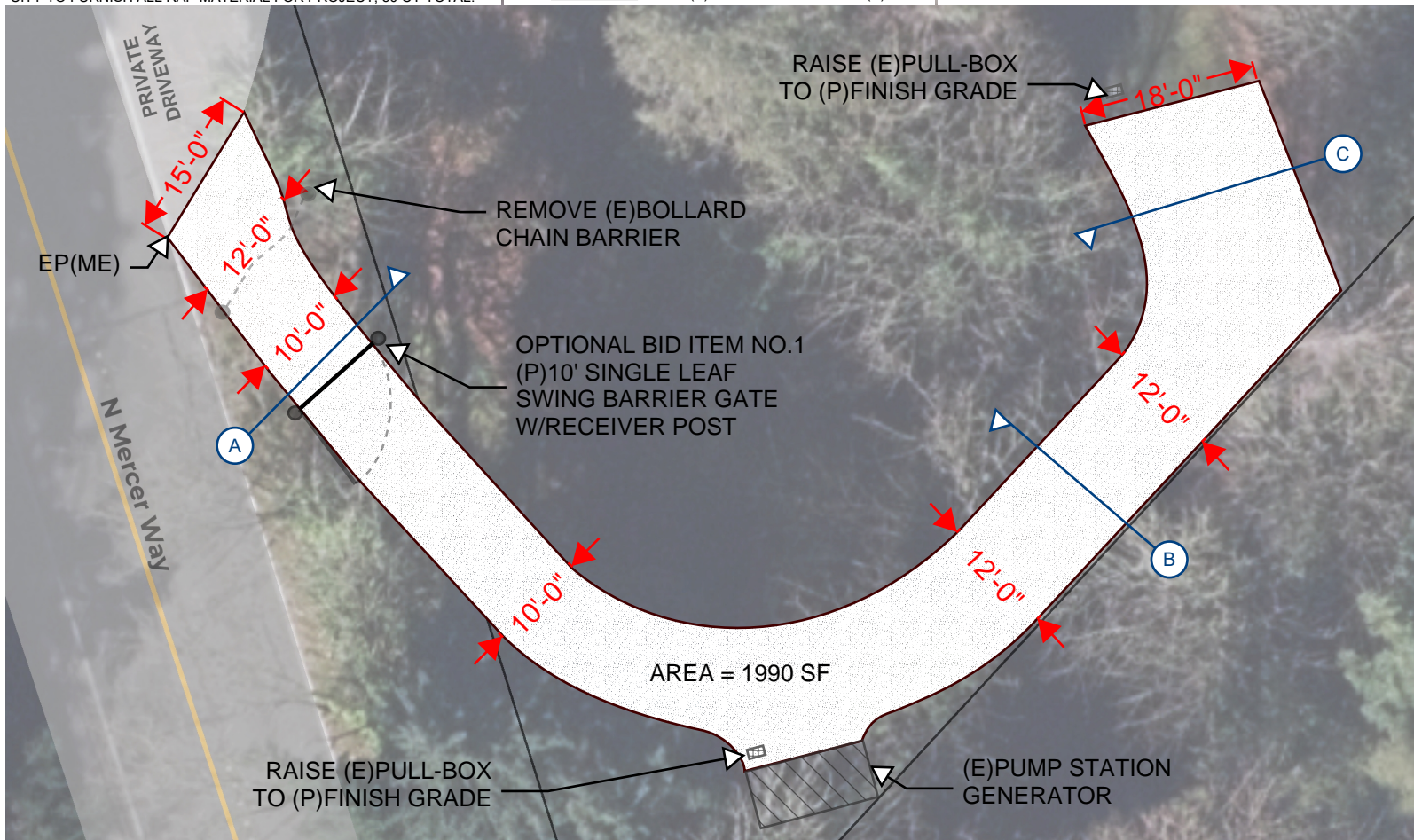
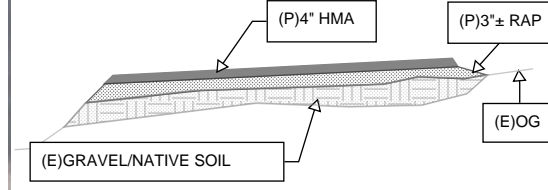
SCALE: NTS



NOTE: APPLY TACK COAT WHERE (P)HMA IS PLACED OVER (E)CONC

CROSS-SECTIONAL DETAIL C

SCALE: NTS



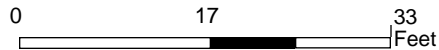
Legend

- Address
- Parcels
- Buildings
- Docks
- Shoreline
- Major Roads
- Street Centerline
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- Paved Driveway
- Paved Parking Area
- Parks
- March 2020
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- Blue: Band_3

Construction Keynotes

- Construct 4-inch HMA Pavement Access Road

ITB 23-24



1 inch = 33.333333333333 feet



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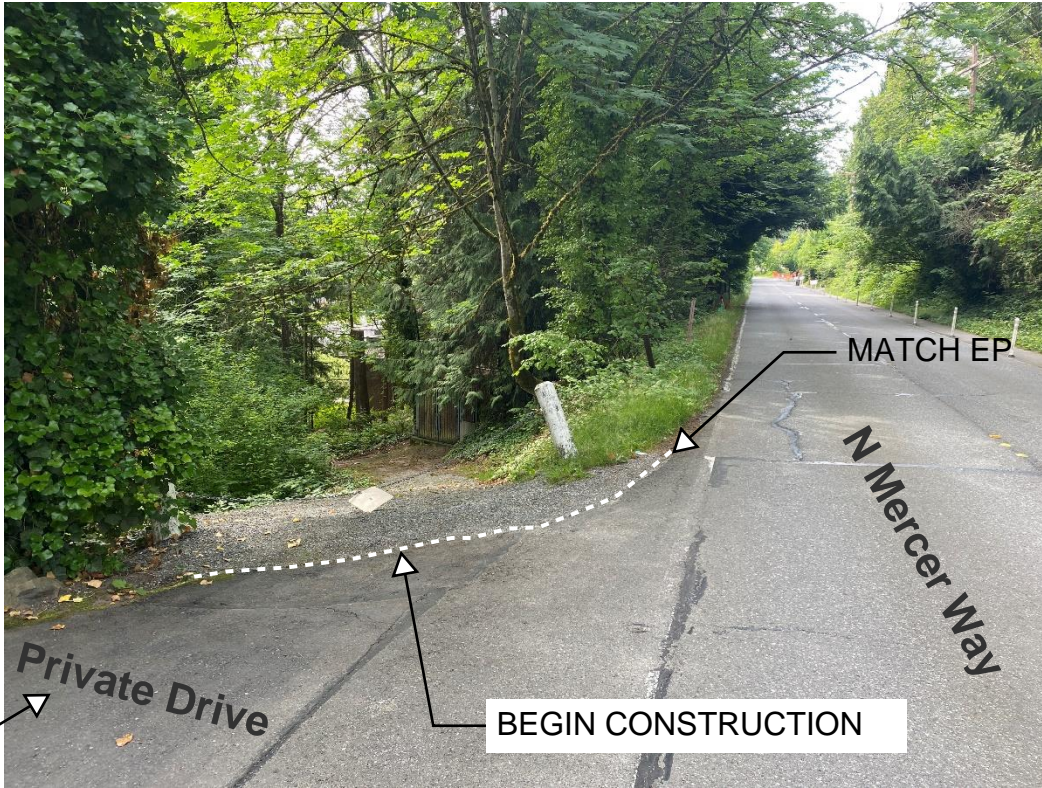
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Notes

Locations and dimensions are approximate and are intended for bidding purposes only. Contractor shall be familiar with existing conditions and scope of work prior to bid. Final placement of pavement and bollard chain barrier to be determined in the field.

Existing Site Photos

REV: 01AUG2023



DO NOT BLOCK PRIVATE DRIVEWAY ACCESS DURING CONSTRUCTION



PLACE RAP AS NEEDED TO
ACHIEVE A SMOOTH
SURFACE, PAVE PER PLAN,
VARIABLE WIDTH, 10' MIN.
WHERE FEASIBLE



OPTIONAL BID ITEM NO.1
(P)10' SINGLE LEAF
SWING BARRIER GATE
W/RECEIVER POST PER
PAGE A-9.











VEHICLE
PARKING/TURNAROUND
AREA. LEVEL AND
CONTOUR SUBGRADE
AND RAP BASE TO
ACHIEVE A SMOOTH
FINAL SURFACE



RAISE (E)PULL BOX
TO (P)FINISH GRADE

END CONSTRUCTION

10%±

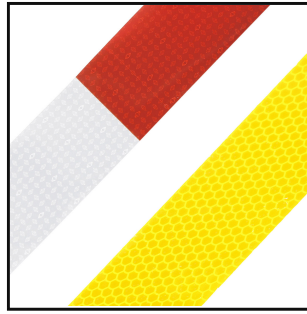


OPTIONAL BID ITEM. NO.1: 10' SWING GATE



Optional Swing Gate Barrier Receiver Post - 14030R

- Height: 6 ft.
- Galvanized Steel
- Diameter: 3 in. [2 7/8 in. OD]
- 1 3/8 in. Eye-Lock Loop



Optional Barrier Arm Gate & Post Safety Tape Kit

- Thickness: 8 Mil.
- MUTCD Compliant
- Red/White & Yellow
- Increases Visibility

Single Gate Models:	Double Gate Models:
14010-10 10 ft.	14020-20 20 ft.
14010-12 12 ft.	14020-24 24 ft.
14010-14 14 ft.	14020-28 28 ft.
14010-15 15 ft.	14020-30 30 ft.
14010-16 16 ft.	14020-32 32 ft.
14010-20 20 ft.	14020-40 40 ft.

D

D

C

C

B

B

A

A

SHUT-IT Dual Sealed Bearing Hinges

10' [3048mm]

GATE DETAIL SHOWN FOR BIDDING PURPOSES ONLY. ALL GATE PROPOSALS ARE SUBJECT TO CITY REVIEW AND APPROVAL. FOOTING DETAIL AND INSTALL SHALL BE PER MFR INSTRUCTIONS.

3.5' [1067mm]

6' [1829mm]

2.5' [762mm]

6" [152mm]

1.5' [457mm]

2 7/8" OD Galvanized Steel Pipe

1 7/8" OD Galvanized Steel Pipe (SS40)

2 7/8" OD Galvanized Steel Pipe

Optional Barrier Receiver Post - 14030R**

6' [1829mm]

Ground Level

Concrete

Contact Information:

Web: www.TigerTeethStore.com
 Phone: (800) 878-7829
 Email: Sales@TigerTeethStore.com

Manufacturer:

Barrier Gate Brands™

Part Number:

14010-10

Product Description:

SENTINEL 10 ft. Manual Swing Barrier Gate

Product Specifications:

- Width: 10 ft.
- Material: Galvanized Steel
- Installation Type: In-Ground
- Barrier Gate Type: Manual Single Swing Gate

ITB 23-24

8

7

6

5

A-9

4

3

2

1