

ADDENDUM NO. ONE (1)

CITY OF BILLINGS

AVIATION AND TRANSIT DEPARTMENT
BILLINGS LOGAN INTERNATIONAL AIRPORT

AVIATION PLACE ROAD REHABILITATION

MMI # 2447.150.012

DATE: **MARCH 15, 2024**
BID OPENING DATE: **MARCH 19, 2024**

RECEIVED BY:

Signature

Date

TO: **ALL PLAN HOLDERS**

The Plans and Specifications for the above captioned project are hereby modified and/or superseded by this Addendum.

Bidders shall note the receipt of this Addendum in the space provided on this Addendum, and on the Bid Sheet contained in the Project Manual.

SPECIFICATIONS

SECTION 1.6, Bid Proposal, Page 5 of 18, Bid Item 115, Fiber Optic Cable Installed in Conduit. **DELETE** quantity "3,165" and **INSERT** quantity "6,528".

SECTION 1.6, Bid Proposal, Page 5 of 18, Bid Item 116, Fiber Optic Handhole Structure. **DELETE** quantity "6" and **INSERT** quantity "10".

SECTION 1.6, Bid Proposal, Page 6 of 18, Bid Item 118, **DELETE** "Omitted" **INSERT** "Fiber Connection" **ADD** quantity of "1 LS".

SECTION 1.10 Special Provisions, Page 8 of 34, Section 10.01 Contract Time. **DELETE** Date of Notice to Proceed "June 2024", **INSERT** "Construction shall be complete with substantial completion on September 30, 2023".

Technical Specification

DIVISION 1, SECTION 01025 MEASUREMENT AND PAYMENT, ITEM B, Page 1 of 2, **ADD** sentence to the end of Measurement and payment. A fiber optic cable is 6-strand SMF OS2.

DIVISION 1, SECTION 01025 MEASUREMENT AND PAYMENT, Page 2 of 2, **ADD** paragraph

E. FIBER CONNECTION: Includes the following Bid Item:

- Fiber connections to the automatic gates, Terminal Room 004, and the Terminal second floor IT room shall be made a lump sum price in accordance with specifications. The lump sum price shall include terminations and patch panels required for connections and full compensation for furnishing all material and for all operations, hauling, and installing these materials, for all labor, equipment, tools and incidentals necessary to complete this item and having the gates in working order with the Airport's security and badging system.


DRAWINGS

- Drawing G-4, General Notes, **REVISE** number 1. to, "Flaggers(s) needed to keep one lane of traffic open during milling operations within the project area. No flagger(s) are needed while working in barricaded areas."
- Drawing G-8, **ADD** note "Phase three highway intersection to be closed for seven days after the paving operation is complete."
- Drawing C-2, General Notes: **ADD** "2. No temporary pavement markings needed during any phase on this project."
- Drawing T-2, Communication Details. Detail 2, Handholes need to be 24" deep.
- Drawing T-2, Communication Details. Detail 3, **ADDED** an Existing Vertical Pivot Gate detail used at the Airport. Each gate is field fit for existing conditions. **ADDED** new Detail 4, Handhole to Existing Pull Box Connection. There is a pull box outside the security fence and inside the security fence. The Airport and Engineer will field locate the best connection for the new fiber with the Contractor at each gate. If the best connection is inside the gate and the security fence is open through or under the fence, it shall not be left unattended while there is greater than a 3-inch gap. Any openings must be filled and/or closed by the end of the workday.

GENERAL NOTES

1. Prebid Conference Sign-up sheet attached.
2. A 24-strand singlemode fiber optic cable runs from Room 004 in the Terminal to Gate 16, with 12 fibers currently terminated and 12 fibers unterminated. Unterminated fiber to remain unterminated.
3. No crack sealing will be required prior to paving.
4. Specification 217323, Communications Optical Fiber Backbone Cabling, Section 2.3 shows all the hardware for the connections at the gates and terminal.

Issued by Morrison-Maierle, Inc.



Heather E. Mosser, P.E.
Senior Project Manager

Prebid Conference – Aviation Place Road Rehabilitation

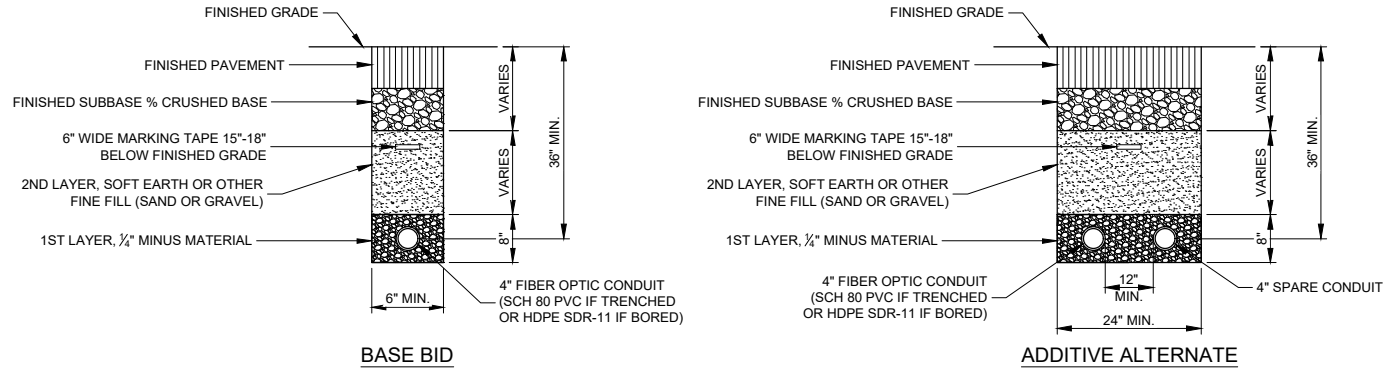
DATE: March 12, 2024

SCOPE OF WORK:

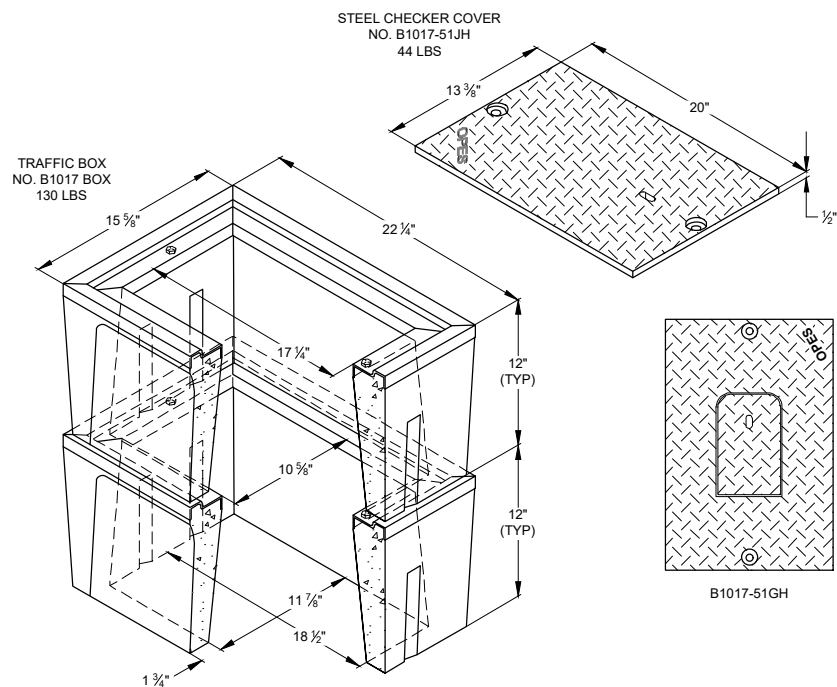
Schedule 1 – Aviation Place Road Rehabilitation and Gate Fiber Conduit
Additive Alternate 1 – Spare Conduit

ATTENDEES:

	NAME (printed)	ORGANIZATION	TELEPHONE NO.	EMAIL
1	Garry RaTzloff	millennium electric	(406) 591-5610	garry@millenniumelectric.com
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8	Craig Callicott	BIC	406-670-9540	callicott@billingsmt.gov
9	Heather Messer	MM	406-697-8893	hmeser@m-m.net

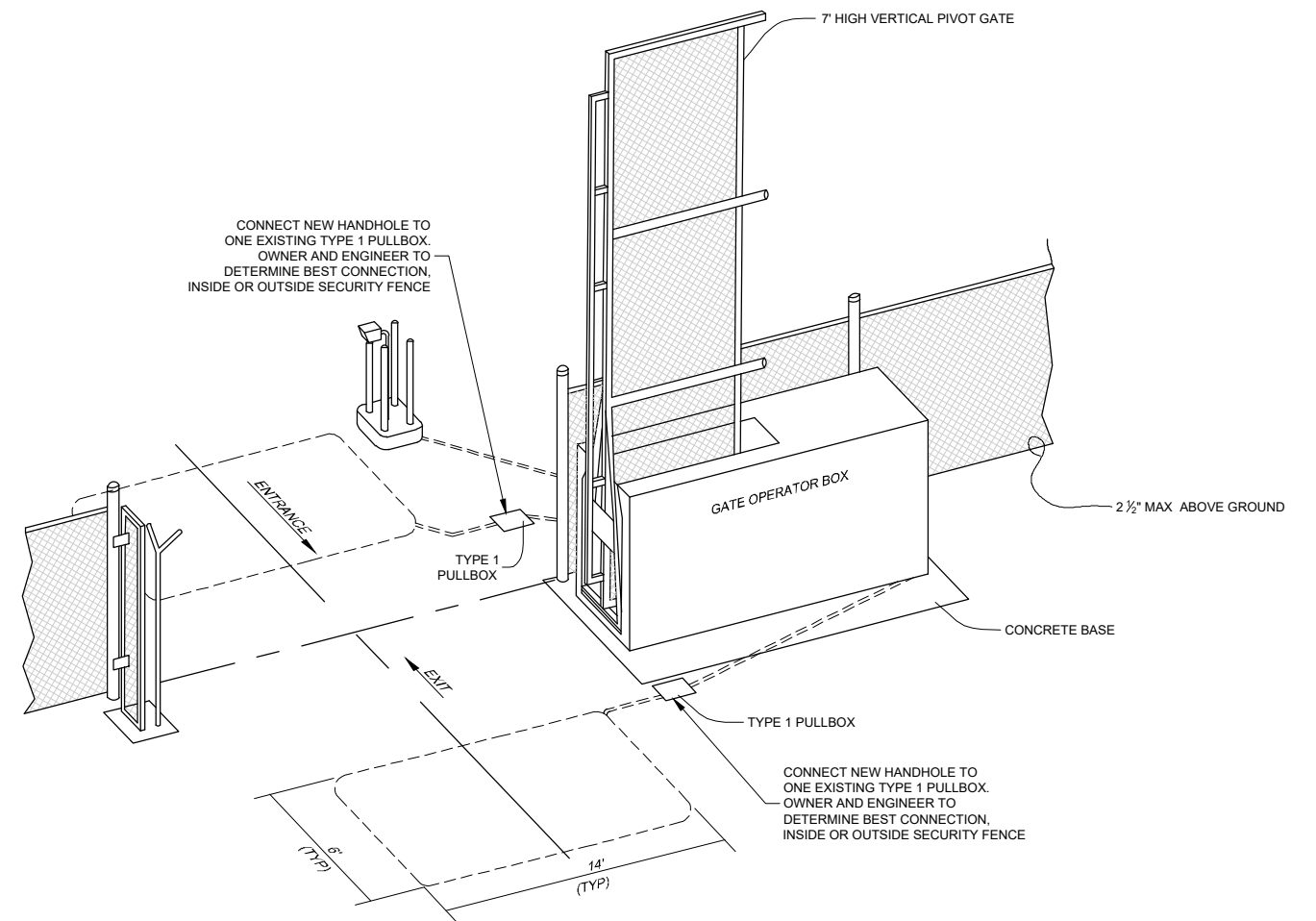


1
T-1
COMMUNICATION TRENCH DETAIL
NOT TO SCALE



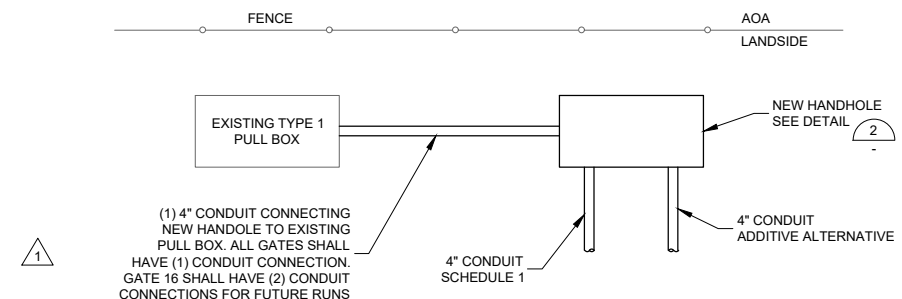
2
T-1
COMMUNICATIONS - HANDHOLE DETAIL
NOT TO SCALE

FIBER OPTIC BACKBONE SCHEDULE			
MARK	CABLE TYPE	SOURCE	DESTINATION
(F1)	6-STRAND SMF OS2	GATE 16	GATE 15
(F2)	6-STRAND SMF OS2	GATE 16	GATE 14
(F3)	6-STRAND SMF OS2	GATE 16	GATE 13
(F4)	6-STRAND SMF OS2	GATE 16	GATE 12



- NOTES:**
- SOME GATE ASSEMBLY ITEMS MIGHT BE DIFFERENT FROM THIS DETAIL DUE TO FIELD CONDITIONS.

3
T-1
EXISTING GATE DETAIL
NOT TO SCALE



4
T-1
NEW HANDHOLE TO EXISTING PULL BOX CONNECTION DETAIL
NOT TO SCALE

V:\2447150_12-AVIATION\LOGAN\ACAD\DETAILS\DETAILS.DWG
PLOTTED BY: KENT KUEHN ON Mar/14/2024

REVISIONS			
NO.	DESCRIPTION	BY	DATE
1	ADDENDUM 1	HEM	03/15/2024

**Morrison
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DRAWN BY: KDK
DSGN. BY: HEM
APPR. BY: PW
DATE: 01/2024
Q.C. REVIEW
BY: KH
DATE: 02/28/2024

BILLINGS		BILLINGS LOGAN INTERNATIONAL AIRPORT AVIATION PLACE REHABILITATION		PROJECT NUMBER 2447.150.12
		MONTANA		SHEET NUMBER 13
		COMMUNICATIONS DETAILS		DRAWING NUMBER T-2