



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, AL 36628-0001

CESAM RD-A
PUBLIC NOTICE NO. SAM-2022-00960-DJL

February 24, 2023

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS AND
STATE OF ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

REQUEST TO DISCHARGE FILL IN WETLANDS FOR FORT MORGAN PARKWAY
TRAIL EXTENSION

TO WHOM IT MAY CONCERN: This District has received an application for a Department of the Army (DA) permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344). Please communicate this information to interested parties.

APPLICANT: Alabama Department of Conservation and Natural Resources,
State Parks Division
Attention: Greg Lein, Director
64 North Union Street
Montgomery, Alabama 36130

AGENT: Volkert, Inc.
Attention: Trent Farris
1680 West Second Street, Suite B
Gulf Shores, Alabama 36542

LOCATION/WATERS: Fort Morgan Road, Alabama Department of Natural Resources easement north of U.S. Highway 180, Gulf Shores, Baldwin County, Alabama. See attachments for location details.

PROJECT PURPOSE: The basic project purpose is to extend the Fort Morgan Parkway Trail. The overall project purpose is to extend the existing recreational trail to the entrance of the Fort Morgan Historical Park and construct a restroom facility and parking area.

PROPOSED WORK: The applicant proposes to fill approximately 1.09 acres of palustrine non-tidal wetlands for the extension of the recreational trail. The trail will consist of sections of paved surfaces with a varying width of 10 to 12 feet and pile supported wooden boardwalks with guardrail with a typical width of 10 feet, both with interpretive signage. Additionally, a restroom facility and parking area will be constructed at the midway point of the project.

AVOIDANCE AND MINIMIZATION: The proposed trail extension has been designed to avoid wetland impacts to the maximum extent practicable by shifting the alignment of the trail to avoid impacts to wetlands and Alabama Beach Mouse habitat and utilizing elevated boardwalks. The project has avoided impacts to approximately 38 acres of the wetlands within the 14.5-mile extension. The U.S. Army Corps of Engineers (USACE) has not determined the adequacy of the applicant's avoidance and minimization efforts for the proposed activity.

MITIGATION: The applicant has proposed mitigation in the form purchasing mitigation bank credits from an approved mitigation bank. The U.S. Army Corps of Engineers (USACE) has not determined the adequacy of the applicant's mitigation statement.

WATER QUALITY/COASTAL ZONE MANAGEMENT (CZM): The applicant will apply for certification from the State of Alabama in accordance with Section 401(a)(1) of the Clean Water Act, as well as Coastal Zone Management (CZM) consistency certification in accordance with the Alabama Coastal Zone Management Program. Upon completion of the required advertising and public comment review, a determination relative to Water Quality Certification and Coastal Zone consistency will be made by the ADEM. This notice will serve as the notification to the Administrator of the Environmental Protection Agency (EPA) pursuant to section 401(a)(2) of the Clean Water Act.

HISTORIC PROPERTIES: In accordance with Section 106 of the National Historic Preservation Act and Appendix C of 33 CFR Part 325, the undertaking defined in this notice is being considered for the potential to affect cultural and historic properties within the permit area. In accordance with Appendix C of 33 CFR Part 325, the Mobile District has determined the permit area consists of the entire undertaking in waters of the United States. The National Register of Historic Places will be consulted for properties listed, or eligible for listing, in the National Register, which are known to exist and would be affected by the proposed work. The Mobile District is seeking comment from the State Historic Preservation Officer regarding the existence, or the potential for existence, of significant cultural and historic properties within the permit area. Further coordination with the State Historic Preservation Officer and/or federally-recognized American Indian tribes will be performed as determined to be appropriate.

ESSENTIAL FISH HABITAT: This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposed project is terrestrial in nature and is not within or adjacent to any estuarine waters. Our final determination relative to project impacts is subject to review by and coordination with the National Marine Fisheries Service (NMFS).

ENDANGERED SPECIES: Preliminary review of this application and the U.S. Department of the Interior's List of Endangered and Threatened Wildlife and Plants indicate the following federally-listed species are known or expected to occur within the 12-digit Hydrologic Unit Code (HUC-12) of the project area: Alabama Beach Mouse (E),

Perdido Key Beach Mouse (E), West Indie Manatee (T), Piping Plover (T), Red Knot (T), Wood Stork (T), Alabama Red Belly Turtle (E), Eastern Indigo Snake (T), Green Sea Turtle (T), Kemp's Ridley Sea Turtle (E), Loggerhead Sea Turtle (T), and Gulf Sturgeon (T). There is designated Alabama Beach Mouse critical habitat within the action area, at this time, the USACE, Mobile District has made no final determination regarding effects of the project on the above-listed species. Further coordination with the U.S. Fish and Wildlife Service (USFWS) and NMFS will be performed as determined to be appropriate.

COMMENTS: This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the USACE can be based. The Mobile District is soliciting comments from the public, federal, state and local agencies and officials, Indian tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the USACE to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed below. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing, setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, and in general, the needs and welfare of the people. Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will also include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

Complete project plans are available upon request. Correspondence concerning this public notice should refer to Public Notice Number **SAM-2022-00960-DJL** and should

be directed to the project manager, Mr. Dane Leach by e-mail at Dana.J.leach@usace.army.mil, or to the U.S. Army Corps of Engineers, Mobile District, Regulatory Division, Attention: Mr. Dane Leach, Post Office Box 2288, Mobile, Alabama 36628-0001. Copies of all comments should be furnished to the Alabama Department of Environmental Management at coastal@adem.alabama.gov, or sent to: Alabama Department of Environmental Management, Mobile Branch / Coastal Section, 3664 Dauphin Street, Suite B, Mobile, Alabama 36608.

All Comments should be received no later than 30 days from the date of this Public Notice. If you have any questions concerning this publication, you may contact Mr. Dane Leach by e-mail at Dana.J.Leach@usace.army.mil, or by phone at (251) 694-3784. Please refer to the above Public Notice Number **SAM-2022-00960-DJL**, in any communication concerning this project.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/Missions/Regulatory.aspx.

MOBILE DISTRICT
U.S. Army Corps of Engineers

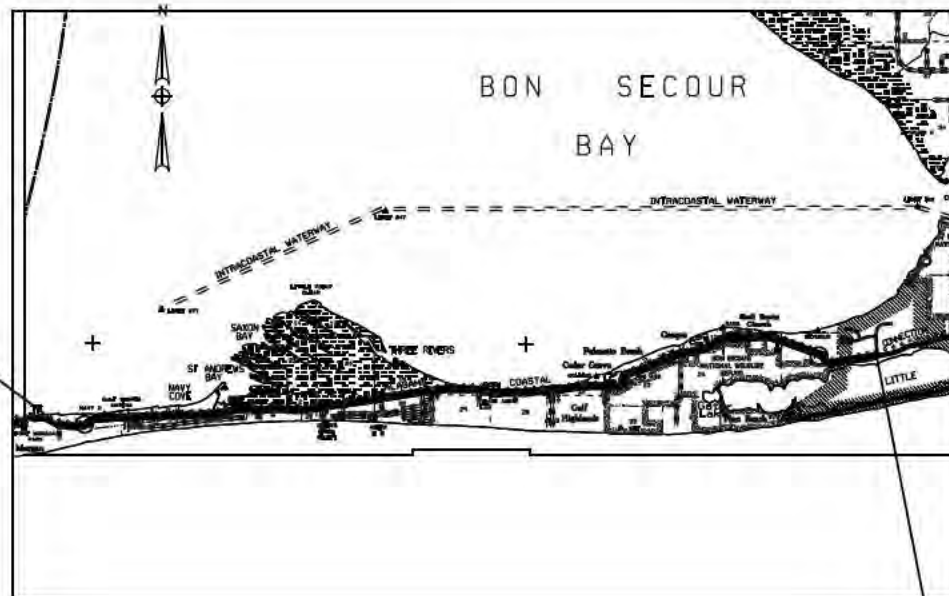
Attachments

ALABAMA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

FORT MORGAN PARKWAY TRAIL EXTENSION



Index to Sheets	
1	Title Sheet
2	Project Map
4-76	Plan Profile Sheets



KAY E. IVEY,
GOVERNOR

CHRISTOPHER M. BLANKENSHIP,
COMMISSIONER

GREG LEIN,
DIRECTOR OF STATE PARKS DIVISION

TASHA SIMON,
CHIEF OF NATURAL RESOURCES SECTION

PREPARED AND RECOMMENDED BY

VOLKERT

APPROVED: _____
(Engineer of Record's Signature)

DATE: _____

REGISTRATION NO. _____

APPROVED: _____
(Revising Engineer of Record's Signature)

DATE: _____

REGISTRATION NO. _____

END PROJECT
STA 1771+51.00

**PRELIMINARY
NOT TO BE USED
FOR CONSTRUCTION**

Legend

- Wetland Impacts
- Trail Extension



Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA, Esri, HERE, Garmin, IPC, Maxar



SAM-2022-00960-DJL //
Fort Morgan Parkway Trail Extension



Map Center: 87.890845°W 30.253845°N

Map Created by: Dane J. Leach, Project Manager

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
 Projection: Mercator Auxiliary Sphere

Legend

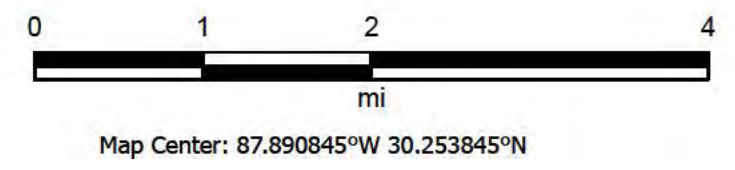
- Wetland Impacts
- Trail Extension



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SAM-2022-00960-DJL //
Fort Morgan Parkway Trail Extension Vicinity Map

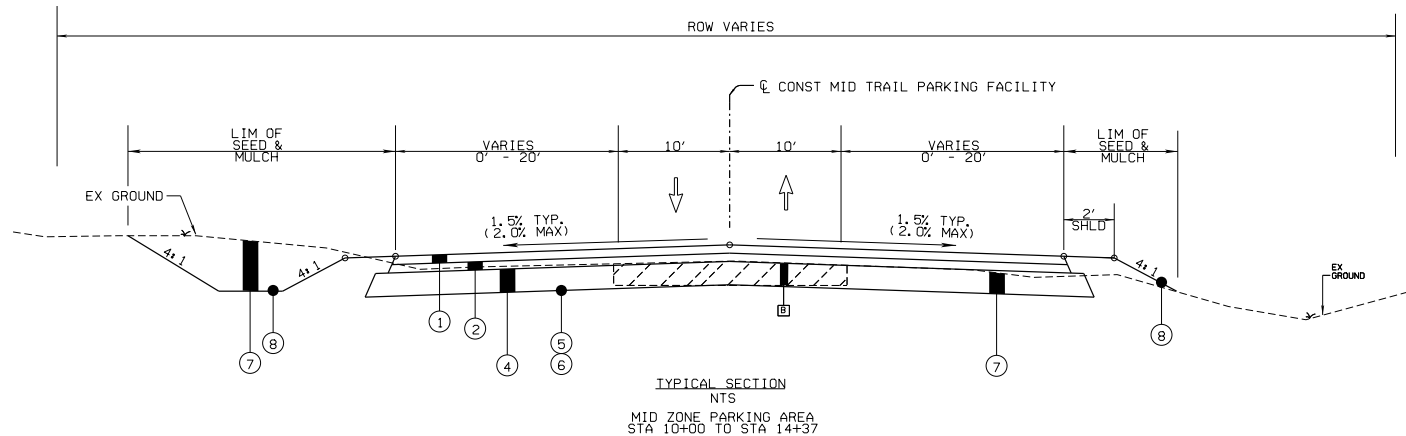


Map Created by: Dane J. Leach, Project Manager

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
 Projection: Mercator Auxiliary Sphere

TYPICAL SECTIONS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
SEP18	2023	2A



TYPICAL SECTION
NTS
MID ZONE PARKING AREA
STA 10+00 TO STA 14+37

REQUIRED MATERIALS LEGEND

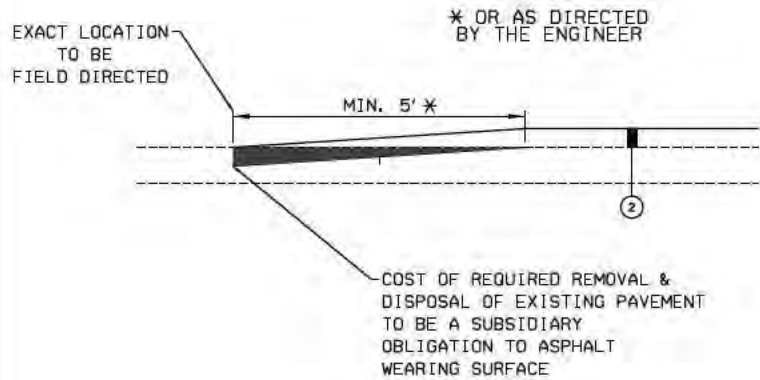
LEGEND NO.	ITEM NO.	DESCRIPTION
[B]		IN-PLACE GRAVEL DRIVE (RETAIN & REUSE)
①	424A-341	SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B
②	424B-635	SUPERPAVE BITUMINOUS CONCRETE UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B
④	301A-012	CRUSHED AGGREGATE BASE COURSE, TYPE B, PLANT MIXED, 6" COMPACTED THICKNESS (22 - 64 FT WIDTH)
⑤	608A-000	SEPARATION GEOTEXTILE
⑥	230A-000	ROADBED PROCESSING (24 - 64 FT WIDTH)
⑦	210A-000 OR 210D-011	UNCLASSIFIED EXCAVATION OR BORROW EXCAVATION (A-4 OR BETTER)
⑧	650A-000 OR 650B-000	TOPSOIL (4" MINIMUM THICKNESS) OR TOPSOIL FROM STOCKPILES (4" MINIMUM THICKNESS)

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL:	60%	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:					FT MORGAN TRAIL

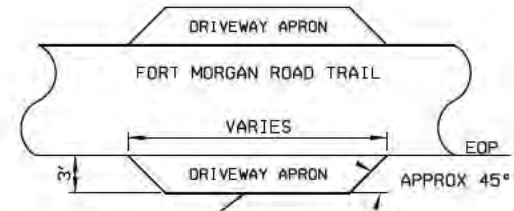
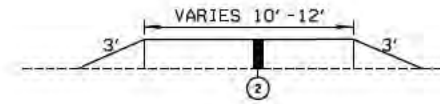
User: andrew.james 08-AUG-2022 19:23 Plot Scale: 100.000000001.00000000 **COLOR TABLE** **PENTABLE** Project: #0736101 - Task: 49 Fort Morgan Pkwy Trail Extension Project Design\Plane Assembly#002.txdgn

PROJECT DETAILS

REFERENCE PROJECT NO	FISCAL YEAR	SHEET NO
SEP16	2023	2B



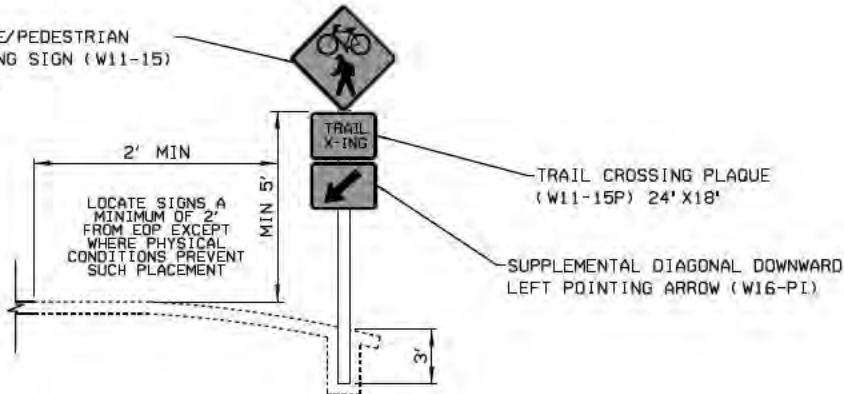
MILLED TIE-IN DETAIL
NTS



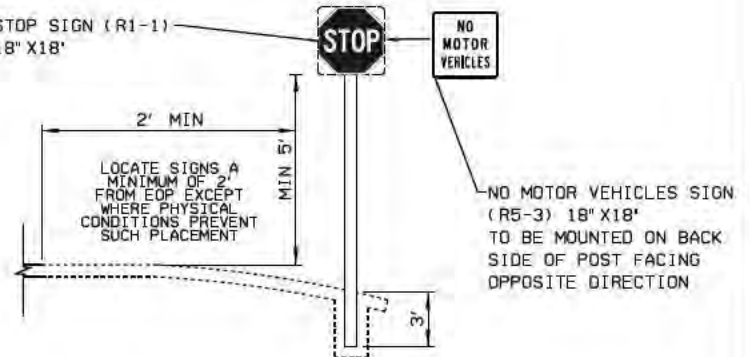
TAPER FROM 135#/SY TO 0#/SY OR AS DIRECTED BY THE ENGINEER

EX. DRIVEWAY APRON DETAIL
NTS

BICYCLE/PEDESTRIAN CROSSING SIGN (W11-15)
30' X 30'



STOP SIGN (R1-1)
18" X 18"



RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL:	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:	BOX		PROJECT DETAILS	FT. MORGAN TRAIL

User: b_andrea.jesse 06-AUG-2022 15:23

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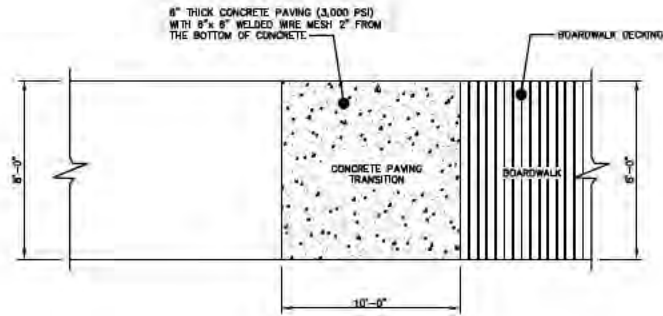
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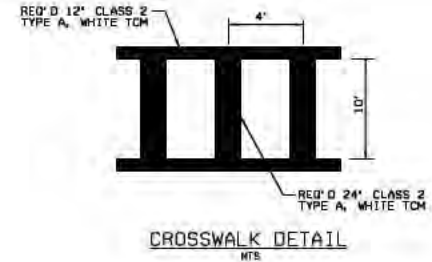
Project: #073801 - Task: 49 Fort Morgan Hwy Trail Extension Project Designer: Plans Assembly#00L.txd.dgn

PROJECT DETAILS

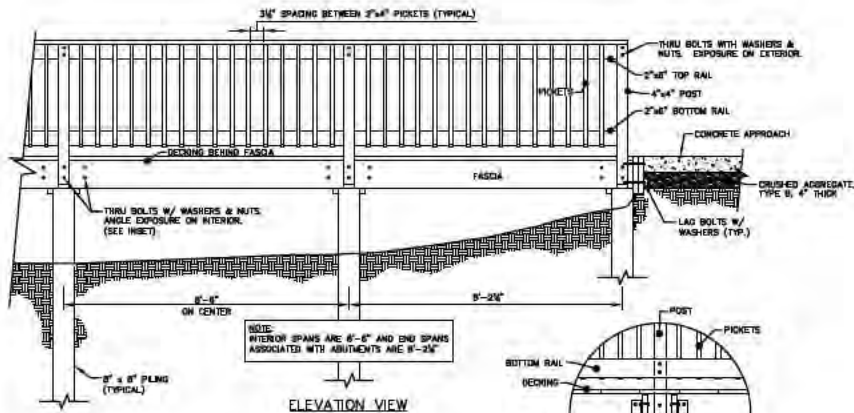
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SEPIB	2023	2C



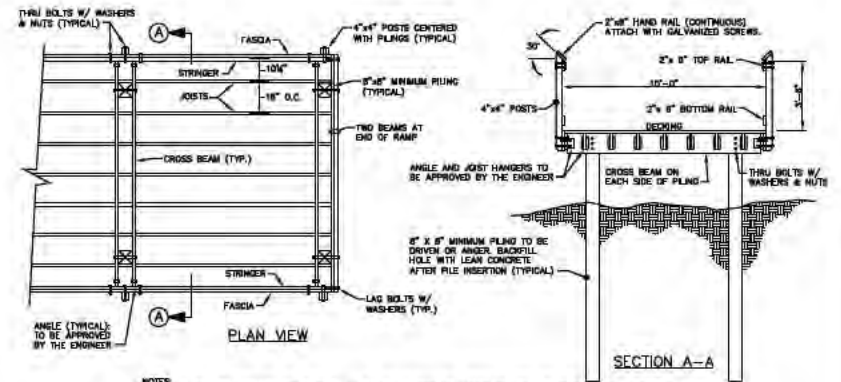
PLAN VIEW



CROSSWALK DETAIL



STANDARD BOARDWALK (ELEVATION VIEW)



STANDARD BOARDWALK (PLAN & SECTION VIEW)

- NOTES:
- 1) MINIMUM PILE PENETRATION FOR PIERS SHALL BE TWELVE FEET (OR APPROVED DEPTH BY GEOTECHNICAL ENGINEER).
 - 2) SMALL MEMBERS SHALL HAVE PRE-DRILLED HOLES TO PREVENT SPLITTING DURING CONSTRUCTION. JOISTS TO BE ATTACHED TO STRINGERS USING GALVANIZED SCREWS & HARDWARE (ALL WOODEN MEMBERS SHALL BE BOLTED OR SCREWED TOGETHER, NO NAIL CONNECTIONS).
 - 3) ALL BOLTS, NUTS, WASHERS, ETC. SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A153.
 - 4) TIMBER BOARDWALK IS DESIGNED IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES (17 EDITION - 2002). DESIGN LIVE LOAD IS SMALL VEHICLE OF 5000 POUNDS, 2000 POUNDS PER AXLE WITH A MINIMUM 40\"/>

RESPONSIBLE PE:	SUPERVISOR:	DESIGNER:	PLAN SUBMITTAL:	NOT TO SCALE	SHEET TITLE	ROUTE
DATE:	DATE:	DATE:	BOX			FT. MORGAN TRAIL

User: lb_cndraw, Issues: 06-AUG-2022 10:23 Plot Scale: 1/8"=1'-0" 1:000000 #ACDLP1A12W SAFETY/ALL/SAFE Project: 003301 - Task: 48 Fort. Morgan Hwy. Trail Extension - Object: Detail - Plans Assembly: 002.txd.dwg