

Information for File #2010-05335-ADJ

Applicant: City of West Bend

Corps Contact: Anthony Jernigan

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Location: Sec. 17, T. 11N., R.20E. Washington County

Information Complete On: September 4, 2015

Posting Expires On: October 4, 2015

Authorization Type: Section 404 Letter of Permission

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act.

We have made a preliminary determination that the aquatic resources within the boundaries of the proposed mitigation bank are subject to Corps of Engineers jurisdiction under Section(s) 9 & 10 of the Rivers and Harbors Act of 1899 and/or Section 404 of the Clean Water Act. If an approved jurisdictional determination is completed as part of the review process for this application, a copy will be posted on the St. Paul District web page at the following link: <http://www.mvp.usace.army.mil/Missions/Regulatory.aspx>.

Project:

This project is located within the FEMA 100-Year floodplain (1% Annual Chance Flood).

PROJECT DESCRIPTION AND PURPOSE: The City of West Bend is applying for a Department of the Army permit to discharge fill material into waters of the United States for the construction of a bridge to extend Trenton Road.

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: The proposed project would result in the discharge of fill material and permanent loss of 0.78 acre of waters of the US. Specifically, a total of 0.26 acres of wet meadow, 0.01 acres of open water, and 0.51 acres of floodplain forest would be permanently impacted. These wetlands are classified as Advanced Identification (ADID) wetlands.

ALTERNATIVES CONSIDERED: The applicant states three on-site bridge design alternatives were considered. The single span alternative was dismissed because it would require additional fill. The three-span 330-foot prestressed

girder bridge alternative was dismissed due to undesirable pier locations and increased costs. The preferred alternative, a three-span 172.6-foot concrete slab, has the least amount of wetland impact that that is economically practicable, and would meet the purpose and need.

No action alternative: The “no action” or “no build” alternative was considered but was eliminated because this alternative would not meet the project purpose and need.

Minimization: The applicant states minimization efforts consist of designing the bridge to the minimum size standards so that impacts to wetlands are minimized.

COMPENSATORY MITIGATION: The applicant proposes to fulfill federal compensatory mitigation requirements by purchasing credits from the Wisconsin Wetland Conservation Fund (In-Lieu-Fee) contingent upon Corps approval.

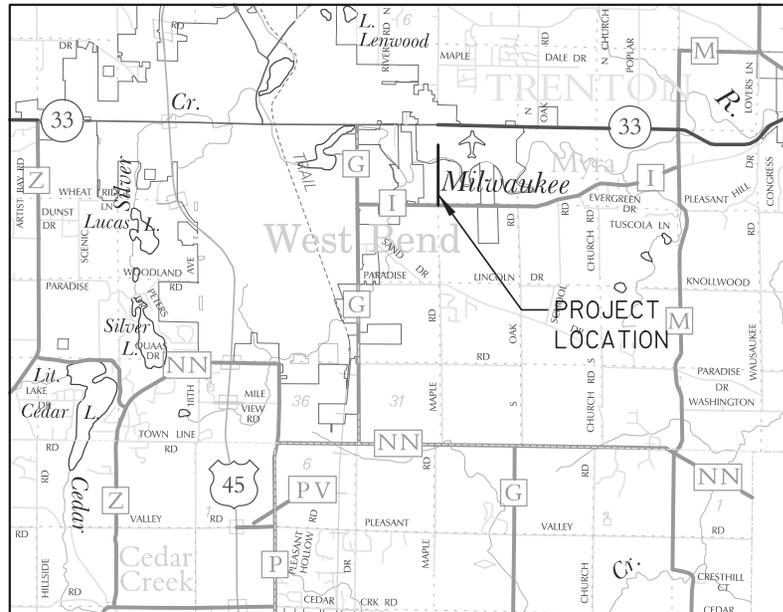
Additional information is available upon request.

Drawings See attached maps and drawings labeled MVP-2010-05335-ADJ, Page 1 of 4 through Page 4 of 4.

TRENTON ROAD BRIDGE AND APPROACHES STRUCTURE B-66-132 CITY OF WEST BEND WASHINGTON COUNTY, WISCONSIN

STANDARD SYMBOLS

	SOIL BORING		GUY WIRE
	BENCH MARK		VALVE
	EXISTING UTILITY POLE		MANHOLE
	SIGN		INLET
	ROAD SIGN		FIRE HYDRANT
	LIGHT POLE		PROPERTY STAKE
	OBJECTS TO BE REMOVED		CATCH BASIN
	DECIDUOUS TREE		BURIED TELEPHONE CABLE PEDESTAL
	CONIFEROUS TREE		WETLAND AREA
	PAVED ROAD		NOTATION FOR COMBUSTIBLE FLUIDS AND UTILITIES
	CONTROL POINT		EXISTING CULVERT
	CURB RAMP		PROPERTY LINE AND/OR RIGHT OF WAY
	WETLAND		ELECTRIC
	TELEPHONE OR TV CABLE		SANITARY SEWER
	GAS MAIN		STORM SEWER
	UNDERGROUND ELECTRIC CABLE		WATER MAIN
	ORIGINAL GROUND IN PROFILE		FIBER OPTIC
	FENCE		TEMPORARY EASEMENT
	SILT FENCE		PERMANENT EASEMENT ON SEWER
	REJECT CURB AND GUTTER		PRIVATE WELL
	CURB AND GUTTER		EXISTING CONTOUR
			PROPOSED CONTOUR
			EXISTING SPOT ELEVATION
			PROPOSED SPOT ELEVATION



LOCATION MAP
NO SCALE



LIST OF DRAWINGS

SHEET NO.	DRAWING TITLE
1	COVER SHEET
2	TYPICAL SECTIONS AND DETAILS
3	GENERAL NOTES
4	CONTOUR MAP
5	PLAN AND PROFILE (STA. 26+50 TO 32+00)
6	PLAN AND PROFILE (STA. 32+00 TO 37+50)
7	PLAN AND PROFILE (STA. 37+50 TO 43+00)
8	GENERAL PLAN
9	CROSS SECTION, QUANTITIES, NOTES AND DETAILS
10	SUBSURFACE EXPLORATION
11	SOUTH ABUTMENT
12	SOUTH ABUTMENT DETAILS
13	NORTH ABUTMENT
14	NORTH ABUTMENT DETAILS
15	ABUTMENT REINFORCING
16	ABUTMENT AND PILING DETAILS
17	ARCHITECTURAL SURFACE TREATMENT DETAILS
18	PIER DETAILS
19	SUPERSTRUCTURE
20	SUPERSTRUCTURE DETAILS - 1
21	SUPERSTRUCTURE DETAILS - 2
22	SUPERSTRUCTURE DETAILS - 3
23	VERTICAL FACE PARAPET, TYPE "A"
24	RAILING STEEL, TYPE 'C3' GALVANIZED
25-29	CROSS SECTIONS
30	BIORETENTION BASIN PLAN
31	BIORETENTION BASIN DETAILS

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CONTRACT NO. 1-2015



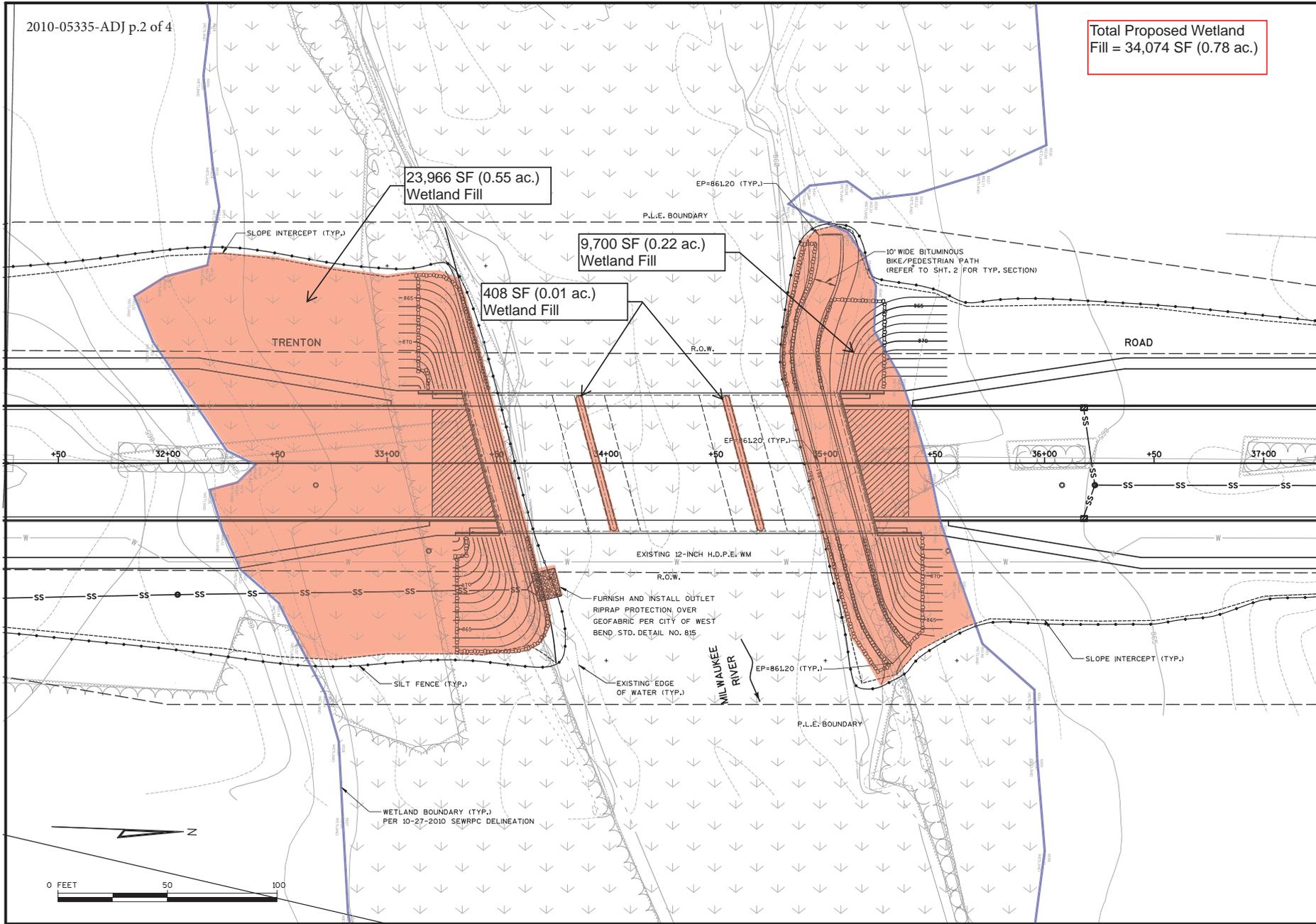
SHEET
1
JOB NO.

Total Proposed Wetland Fill = 34,074 SF (0.78 ac.)

23,966 SF (0.55 ac.)
Wetland Fill

9,700 SF (0.22 ac.)
Wetland Fill

408 SF (0.01 ac.)
Wetland Fill



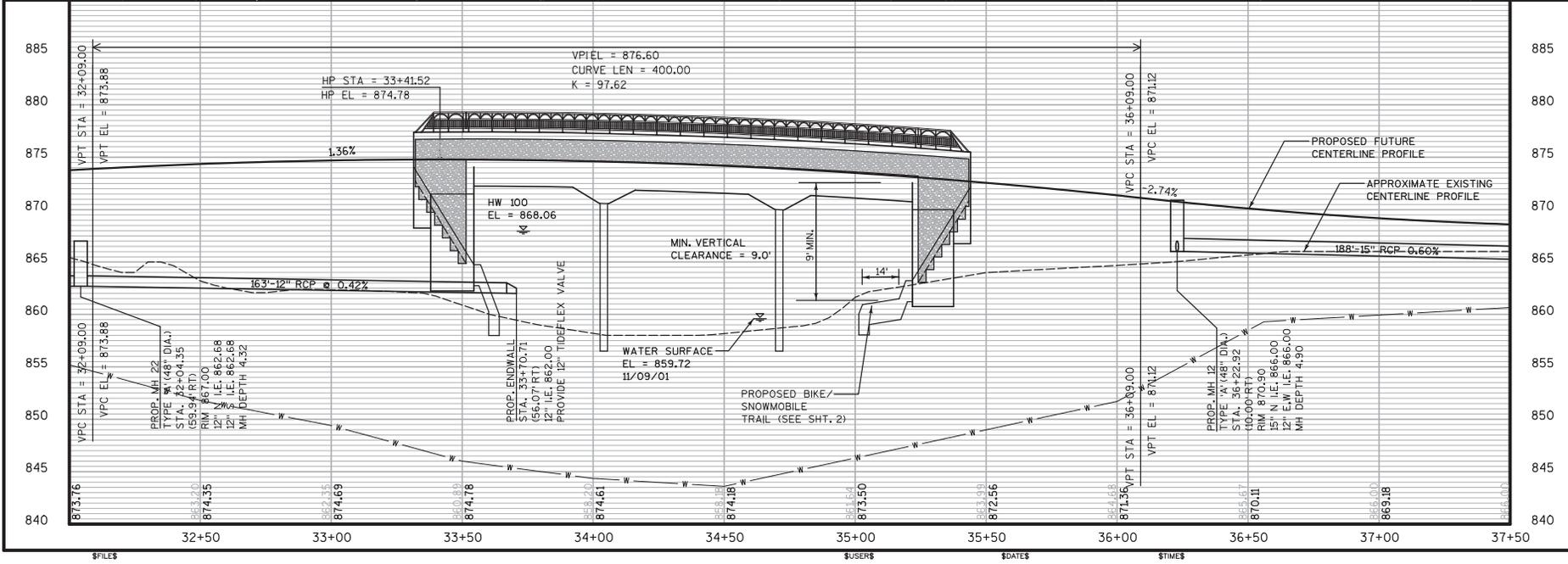
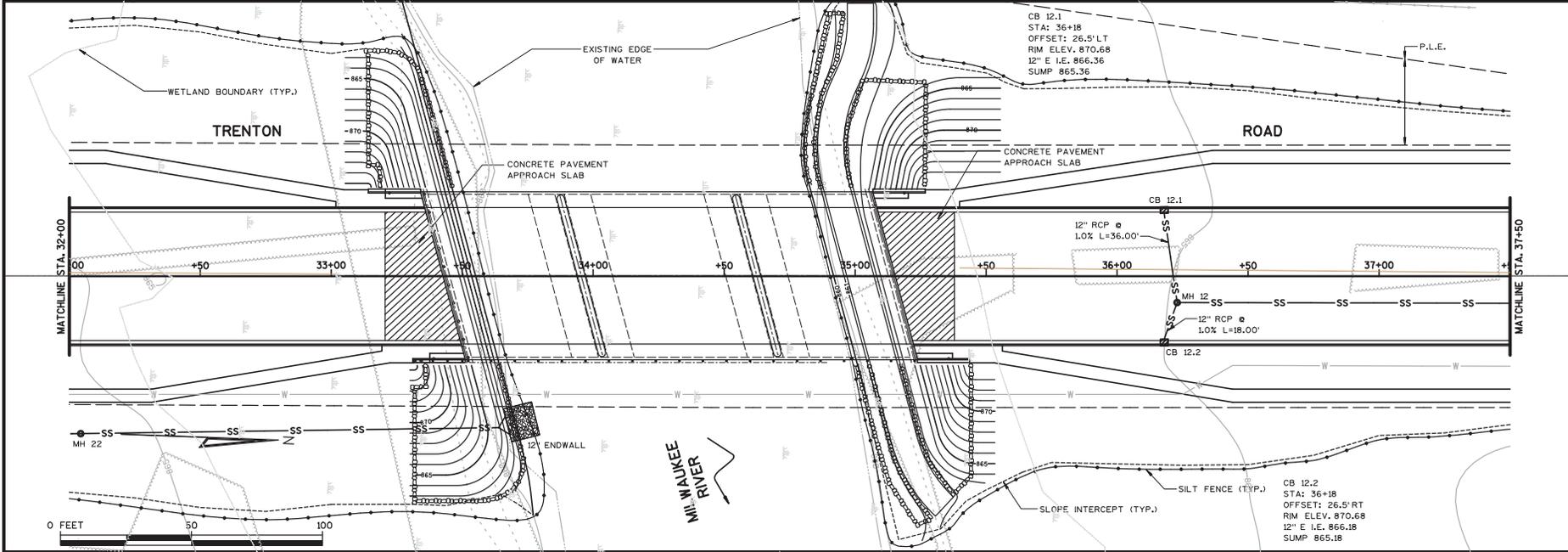
NO.	REVISIONS	DATE

CONTOUR MAP
TRENTON ROAD BRIDGE AND APPROACHES
 CITY OF WEST BEND
 WEST BEND, WISCONSIN

JOB NO.
1427.043
 PROJECT MGR.
MKS



SHEET
4



NO.	REVISIONS	DATE

CITY OF WEST BEND, WISCONSIN
TRENTON ROAD BRIDGE AND APPROACHES
 PLAN AND PROFILE (STA. 32+00 TO 37+50)

CITY OF WEST BEND
 WEST BEND, WISCONSIN

JOB NO.
 1427.043

PROJECT MGR.
 MKS



SA STRAND ASSOCIATES

SHEET
6

