

Information for File #2014-03741-RMM

Applicant: Scott County

Corps Contact: Ryan Malterud

Address: 180 Fifth Street East, Suite 700, St. Paul, MN 55101

E-Mail: Ryan.M.Malterud@usace.army.mil

Phone: (651) 290-5286

Primary County: Scott

Project Location: from Sec. 15, T. 113N., R. 22W., to Sec. 13, T. 113N., R. 22W.

Information Complete On: February 23, 2015

Posting Expires On: April 6, 2015

Authorization Type: LOP-05-MN

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 identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. Any approved jurisdictional determination made prior to reaching a permit decision will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

Project Purpose (as stated by the applicant): Scott County is proposing to reconstruct County Road (CR) 56 from County State Aid Highway (CSAH) 23 to CR 87 to improve safety along this segment of roadway. Due to steep grades, school bus drivers and local residents have expressed desire for roadway improvements to reduce the grade of the hill east of Hadley Avenue. The project includes reducing the existing 12% grade to the maximum MnDOT standard of 7% east of Hadley Avenue and next to Edenvale Trail.

Project Description: The County will reconstruct the existing two 12-foot lane unpaved rural roadway to a two 12-foot lane paved rural roadway with two sections of urban roadway. The proposed shoulders will be 6 to 8-foot paved shoulders with a 1:3 backslope. The County proposes to reduce one existing 12% grade hill to the maximum MnDOT standard of 7%. In reducing the slope of the hill, the roadway will be shifted to the south to avoid property relocations. Two stormwater ponds will be constructed to

meet water quality and rate control standards for Cedar Lake Township. The stormwater ponds will not impact any wetlands.

Name, Area and Types of Waters (Including Wetlands) Subject to Loss: Please see the attached figure labeled MVP-2014-03741-RMM Page 2 of 4.

Compensatory Mitigation: The applicant has proposed to mitigate for unavoidable wetland impacts by utilizing wetland bank credits at a 2:1 ratio.

Drawings: Please see attached figures labeled MVP-2014-03741-RMM Page 1 of 4 through Page 4 of 4.

MINNESOTA DEPARTMENT OF TRANSPORTATION COUNTY OF SCOTT

CONSTRUCTION PLAN FOR GRADING, AGGREGATE BASE AND RETAINING WALLS

LOCATED ON Co. Rd. 56 FROM C.S.A.H. 23 TO Co. Rd. 87 IN CEDAR LAKE TOWNSHIP

FROM 23.36' EAST & 0.23' NORTH OF THE SOUTHEAST CORNER OF SEC. 15 - T113N - R22W

TO 518.39' EAST & 5.78' SOUTH OF THE SOUTH QUARTER CORNER OF SEC. 13 - T113N - R22W

COUNTY PROJECT NO. 56-03
 GROSS LENGTH 8,470.95 FEET 1.604 MILES
 BRIDGES-LENGTH 0.00 FEET 0.000 MILES
 EXCEPTIONS-LENGTH 0.00 FEET 0.000 MILES
 NET LENGTH 8,470.95 FEET 1.604 MILES

BEGIN C.P. 56-03
STA. 23+22.45

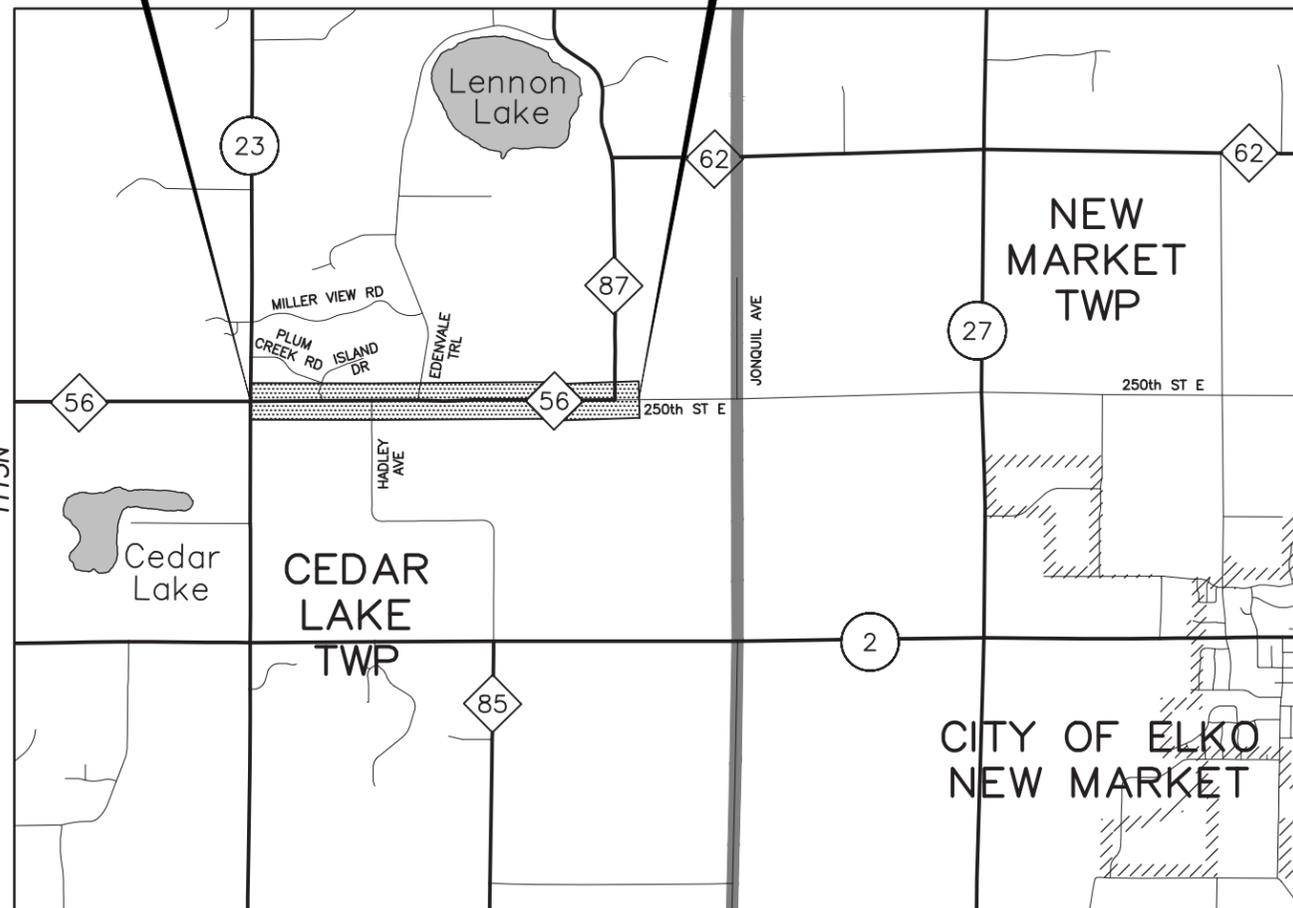
END C.P. 56-03
STA. 107+93.40

PLAN SYMBOLS

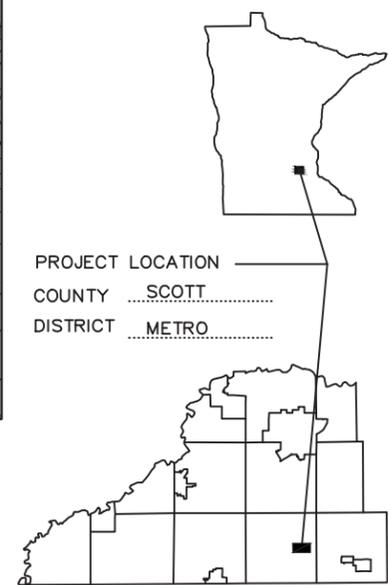
- STATE LINE
- COUNTY LINE
- TOWNSHIP OR RANGE LINE
- SECTION LINE
- QUARTER LINE
- SIXTEENTH LINE
- RIGHT-OF-WAY LINE
- PRESENT RIGHT-OF-WAY LINE
- CONTROL OF ACCESS LINE
- PROPERTY LINE (Except Land Lines)
- VACATED PLATTED PROPERTY
- CORPORATE OR CITY LIMITS
- TRUNK HIGHWAY CENTER LINE
- RETAINING WALL
- RAILROAD
- RAILROAD RIGHT-OF-WAY LINE
- RIVER OR CREEK
- DRY RUN
- DRAINAGE DITCH
- DRAIN TILE
- CULVERT
- DROP INLET
- GUARD RAIL
- FENCE
- WOOD FENCE
- CHAIN LINK FENCE
- RAILROAD SNOW FENCE
- MODULAR BLOCK RETAINING WALL
- STONE WALL
- HEDGE
- RAILROAD CROSSING SIGN
- RAILROAD CROSSING BELL
- ELECTRIC WARNING SIGN
- CROSSING GATE
- MEANDER CORNER
- SPRINGS
- MARSH/SWAMP
- TIMBER ORCHARD
- BRUSH
- NURSERY
- CATTLE GUARD
- OVERPASS (Highway Over)
- UNDERPASS (Highway Under)
- BRIDGE
- BUILDING (One Story Frame)
- F-FRAME C-CONCRETE
- S-STONE T-TILE
- B-BRICK ST-STUCCO
- IRON PIPE OR ROD
- MONUMENT (STONE, CONCRETE, OR METAL)
- WOODEN HUB
- GRAVEL PIT
- SAND PIT
- BORROW PIT
- ROCK QUARRY

UTILITY SYMBOLS

- POWER POLE LINE
- TELEPHONE OR TELEGRAPH POLE LINE
- JOINT TELEPHONE AND POWER ON POWER POLES
- ON TELEPHONE POLES
- ANCHOR
- STEEL TOWER
- STREET LIGHT
- PEDESTAL (TELEPHONE, CABLE, TERMINAL)
- GAS MAIN
- WATER MAIN
- CONDUIT
- TELEPHONE CABLE IN CONDUIT
- ELECTRIC CABLE IN CONDUIT
- TELEPHONE MANHOLE
- ELECTRIC MANHOLE
- BURIED TELEPHONE CABLE
- BURIED ELECTRIC CABLE
- AERIAL TELEPHONE CABLE
- SEWER, (SANITARY)
- SEWER, (STORM)
- SEWER MANHOLE
- HANDHOLE
- CATCH BASIN
- FIRE HYDRANT



THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA." SOME UTILITIES WERE MARKED AND FIELD LOCATED BY SURVEY CREWS OR TAKEN FROM AERIAL MAPPING, AND OTHER UTILITIES WERE TAKEN FROM AS-BUILTS, MAPS, AND DRAWINGS FURNISHED BY THE UTILITY COMPANIES TO SCOTT COUNTY.



PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

SCALES	
PLAN	50'
PROFILE	10'
INDEX MAP	2000'
X-SECTION	10'

MINN. PROJ. NO.

GOVERNING SPECIFICATIONS

THE 2014 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE 2014 EDITION OF THE "MATERIALS LAB SUPPLEMENTAL SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.
 ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM AND BE INSTALLED IN ACCORDANCE TO THE MMUTCD PART VI, INCLUDING FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

INDEX

SECTION 1: GENERAL	SHEET NO.
TITLE SHEET	1.01
GENERAL LAYOUT	1.02
ESTIMATED QUANTS, CONST. NOTES, STAND. PLATES	1.03-1.05
EARTHWORK SUMMARY	1.06-1.08
QUANTITY TABULATIONS & DETAILS	1.09-1.10
UTILITY SUMMARY & PLAN VIEW	1.11-1.15
TYPICAL SECTIONS	1.16-1.17
SECTION 2: STAGING/TRAFFIC CONTROL	2.01-2.XX
SECTION 3: RIGHT-OF-WAY	3.01-3.06
SECTION 4: INPLACE TOPO & REMOVAL PLAN	4.01-4.06
SECTION 5: ALIGNMENT, CONST. PLAN & PROFILE	5.01-5.22
SECTION 6: WALL	6.01-6.02
SECTION 7: STORM SEWER	7.01-7.XX
SECTION 8: EROSION CONTROL / SWPPP	8.01-8.XX
SECTION 9: SIGNING	9.01-9.11
SECTION 10: CROSS SECTIONS	10.01-10.124
COUNTY ROAD 56	10.01-10.110
EDENVALE TRAIL	10.111-10.116
WHITE DRIVEWAY	10.117-10.120
COMBINED DRIVEWAY	10.121-10.124

THIS PLAN CONTAINS XXX SHEETS

DESIGN DESIGNATION

ADT (Current Year) (2015)	=	290
ADT (Future Year) (2035)	=	545
HCA DT (Future Year) (2035)	=	5.9%
FUNCTIONAL CLASSIFICATION:		COLLECTOR
NO. OF TRAFFIC LANES:		2
NO. OF PARKING LANES:		0
SHOULDER WIDTH:		7.5' (NON-CURB) & 8' (CURB)
STRUCTURAL DESIGN:		10 Ton
R VALUE:		12
N 18 FACTOR		75,295
DESIGN SPEED:		45 MPH
BASED ON:		STOPPING SIGHT DISTANCE
HEIGHT OF EYE:		3.5'
HEIGHT OF OBJECT:		2.0'

Approved..... DATE

SCOTT COUNTY HIGHWAY ENGINEER

Approved..... DATE

DISTRICT STATE AID ENGINEER

REVIEWED FOR COMPLIANCE WITH STATE & FEDERAL AID RULES/POLICY

Approved..... DATE

STATE AID ENGINEER

APPROVED FOR STATE & FEDERAL AID FUNDING

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

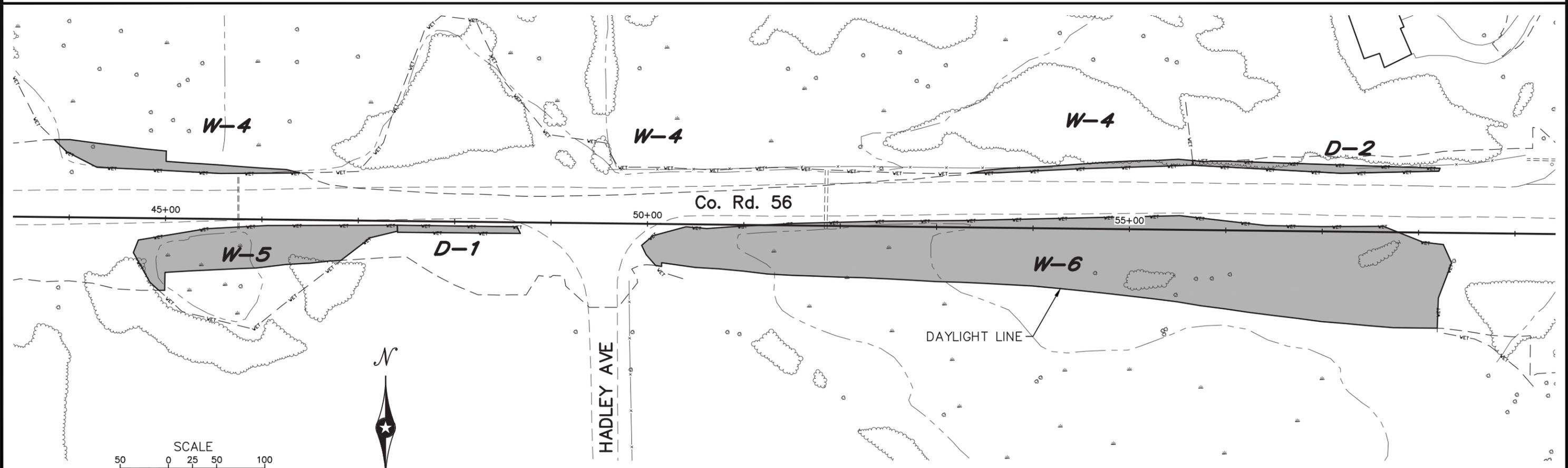
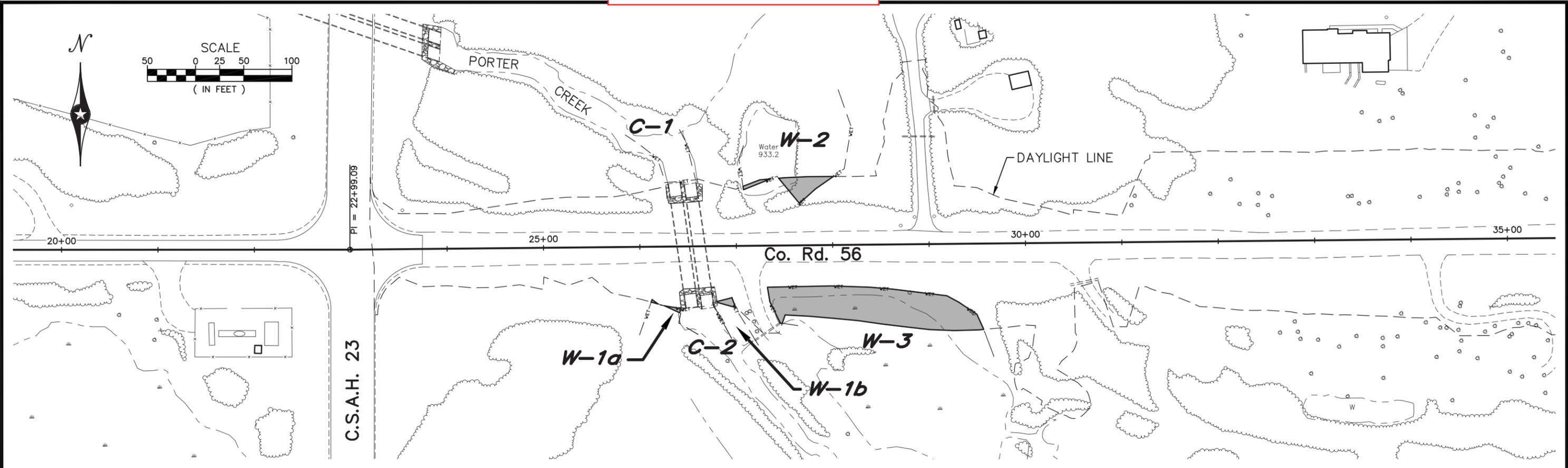
..... DATE

JON SCHELKOPH LIC. NO. 45011

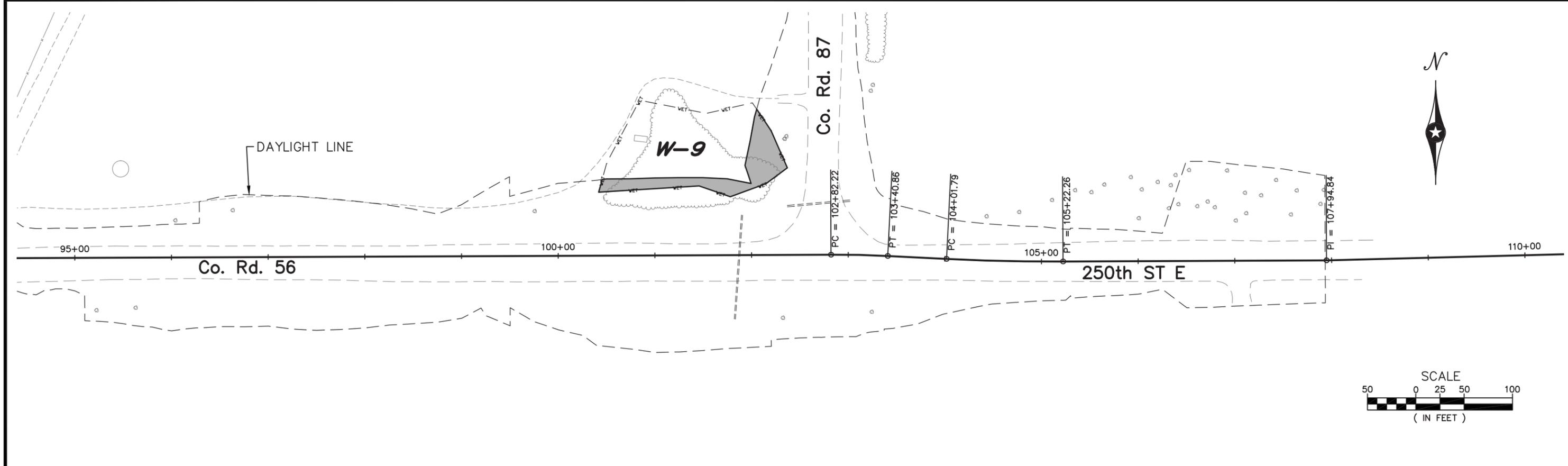
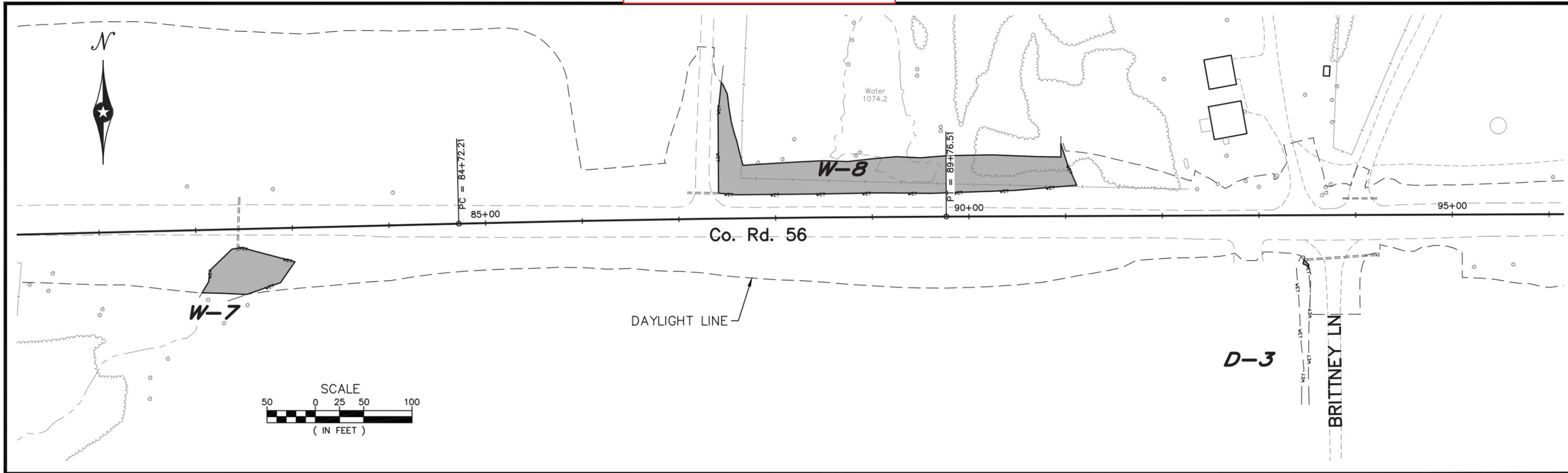
CO. RD. 56 RECONSTRUCTION **TITLE SHEET**
 County Proj. No. 56-03 **Sheet No. 1.01 of 1.17 Sheets**

CP 56-03

ID	DESCRIPTION	WETLAND AREA IMPACTED		WETLAND FILL
		(SQ FT)	(ACRE)	(CU YDS)
W-1	DELINEATED WETLAND NO. 1	145	0.003	2
W-2	DELINEATED WETLAND NO. 2	829	0.019	0
W-3	DELINEATED WETLAND NO. 3	7,195	0.165	322
W-4	DELINEATED WETLAND NO. 4	4,345	0.100	23
W-5	DELINEATED WETLAND NO. 5	9,757	0.224	485
W-6	DELINEATED WETLAND NO. 6	59,638	1.369	2,524
W-7	DELINEATED WETLAND NO. 7	3,024	0.069	175
W-8	DELINEATED WETLAND NO. 8	13,792	0.317	185
W-9	DELINEATED WETLAND NO. 9	3,782	0.087	7
D-1	DELINEATED WET DITCH NO. 1	888	0.020	12
D-2	DELINEATED WET DITCH NO. 2	1,651	0.038	18
D-3	DELINEATED WET DITCH NO. 3	18	0.000	0
C-1	DNR CHANNEL NO. 1	0	0.000	0
C-2	DNR CHANNEL NO. 2	0	0.000	0
TOTALS		105,064	2.412	3,753



COUNTY ROAD 56 WETLANDS
County Project No. 56-03
Sheet No. 2 of 3 Sheets



COUNTY ROAD 56 WETLANDS
County Project No. 56-03 **Sheet No. 3 of 3 Sheets**