# IOWA DEPARTMENT OF NATURAL RESOURCES

# FOR STORM LAKE CHAUTAUQUA JETTY REPAIR BUENA VISTA COUNTY, IOWA

PROJECT #18-01-11-01





DIRECTORY						
PROJECT MANAGER		CONSTRUCTION INSPECTOR				
COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES			
ADDRESS	502 EAST 9TH STREET	ADDRESS	951 STARVIEW DR			
CITY,STATE,ZIP	DES MOINES, IA 50319	CITY,STATE,ZIP	HINTON, IA 51024-8842			
CONTACT	EMMANUEL SANG	CONTACT	JEFF FELTS			
TELEPHONE	515-321-7005	TELEPHONE	515-250-3712			
FAX		FAX				
EMAIL	Emmanuel.Sang@dnr.iowa.gov	EMAIL	Jeff.Felts@dnr.iowa.gov			

### PROJECT DESCRIPTION

THIS PROJECT IS DESIGNED TO REPAIR EROSION AND STABILIZE THE EXISTING 300' JETTY LOCATED IN STORM LAKE (BUENA VISTA COUNTY, IA) AT CHAUTAUQUA PARK. WORK INCLUDES ADDING A SMALL AMOUNT OF MACADAM STONE TO GET THE JETTY BACK TO A LEVEL GRADE FOR THE ENTIRE LENGTH, ADDITION OF 1,350 OF CLASS "C" FIGLISTIONE REVETMENT ALONG THE SIDES FOR WAVE AND ICE PROTECTION, AND 110 TONS OF CLASS "A" SURFACING FOR PEDESTRIAN FISHING ACCESS ON THE TOP AND OTHER INCIDENTAL WORK AS REQUIRED BY THE D.N.R FIELD ENGINEER

### AUTHORIZATION TO BID

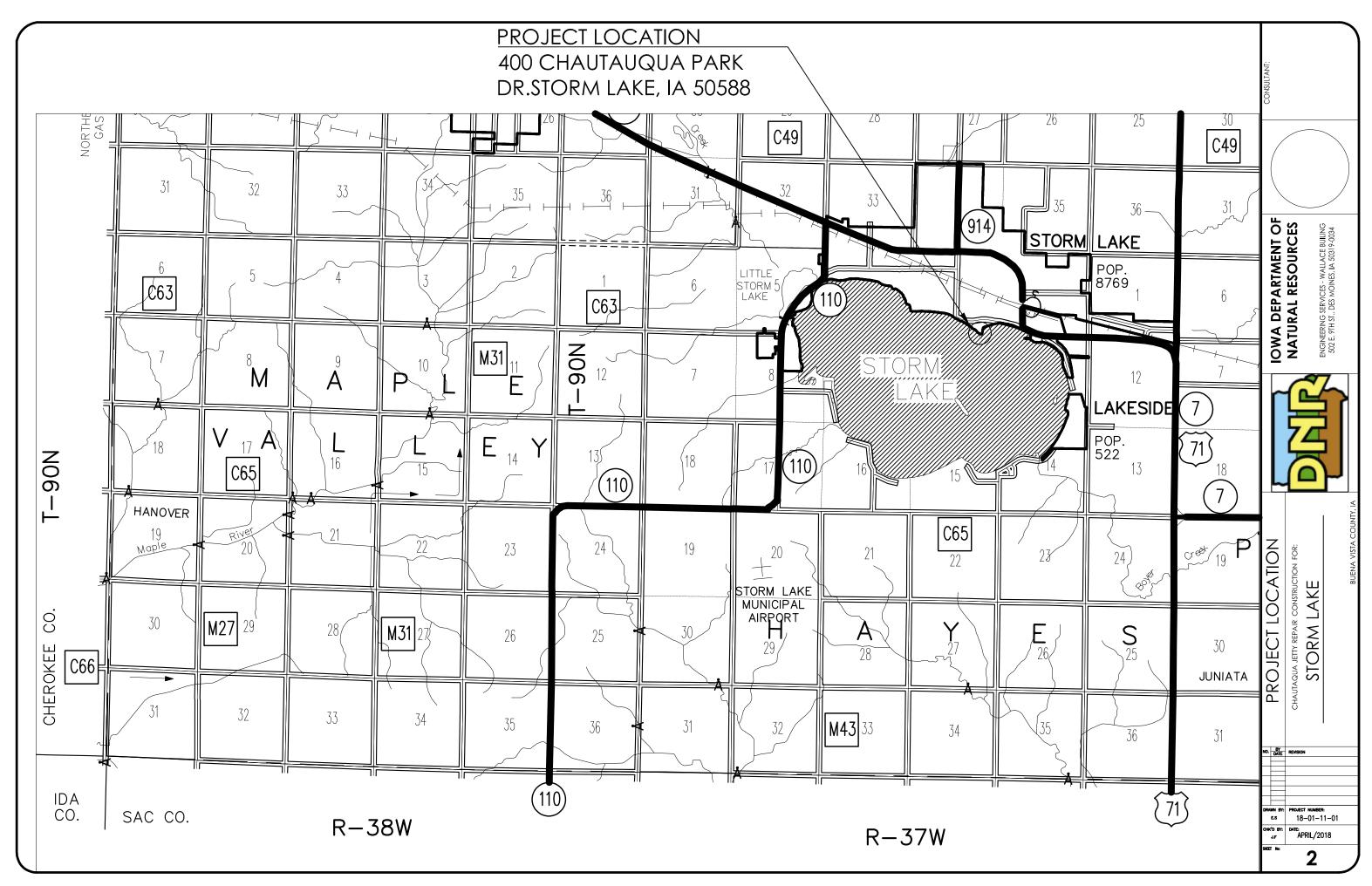
AUTHORIZATION - PARKS | WILDLIFE | FISHERIES | LAW ENFORCEMENT | FORESTRY

DATE

ENGINEERING BUREAU CHIEF

SHEET INDEX	
1 COVER SHEET	
2 PROJECT LOCATION 3 ESTIMATED AND GENERAL NOTES	
3 ESTIMATED AND GENERAL NOTES 4 SITE PLAN & JETTY DETAIL	Ë
5 STAGING AREA	CONSULTANII
	SNO
	Ŏ
	1 /
	<b>.</b>
	$H \setminus A$
	ી <b>કે</b> તે કે કે
	Z Z S
	<b>│ □ ૹૄ ા</b>
	<b>1                                    </b>
	OWA DEPARTMENT OI NATURAL RESOURCES ENGINEERING SERVICES - WALLACE BUILING 502 E. 97H ST., DES MOINES, IA 50319-0034
	IOWA DEPARTMENT OF NATURAL RESOURCES ENGINEERING SERVICES - WALLACE BUILING 502 E. 9TH ST., DES MOINES, IA 50319-0034
	ü Ö
	COVER SHEET CHAUTAQUA JETT REPAIR CONSTRUCTION FOR: STORM LAKE
	EET
	- I - I S
	COVER SHEET HAUTAGUA JETTY REPAIR CONST
	┧╫╗╗╬
	IJ⋝\ <u>₹</u> \
	이 분
	-
	1
	<u> </u>
	NO. BY REVISION
	DD1111 DV C22 222 222
	DRAWN BY: PROJECT NUMBER: E.S 18-01-11-01
	CHK'D BY: DATE:
	J.F APRIL/2018
	CHICTO BY: DATE:  J.F APRIL/2018  SHEET No:
	J.F APRIL/2018
	J.F APRIL/2018

SHFFT INDEX



			)
	ESTIMATED PROJECT QUANTITIES		
ITEM	DESCRIPTION	UNIT	TOTAL
1	MOBILIZATION	L.S	1
2	TREE REMOVAL & TRIMMING FOR ACCESS	L.S	1
3	LEVEL GRADING & EXISTING RIP RAP RELOCATION	L.S	1
4	MACADAM STONE	TONS	30
5	CLASS 'C' FIELDSTONE REVETMENT	TONS	1350
6	CLASS 'A' SURFACING STONE	TONS	110
7	SITE RESTORATION	L.S	1

	REFERENCE INFORMATION	7 1
RHILLEVA		11/1

ITEM		DESCRIPTION
2	TREE REMOVAL & TRIMMING -	THE CONTRACTOR SHALL REMOVE ONE 24" EVERGREEN TREE AND TRIM OTHER TREES ALONG THE ACCESS ROUTE AS NECESSARY FOR EQUIPMENT ACCESS TO THE SITE. THE TREE STUMP SHALL EITHER BE REMOVED OR GROUND AND THE ARE BACKFILLED WITH TOP SOIL. ALL MATERIALS SHALL BE HAULED OFF SITE.
4	MACADAM STONE -	THIS BID ITEM IS FOR THE SUPPLY AND PLACING OF MACADAM STONE AT THE FAR END OF THE JETTY TO BRING THE ERODED LENGTH, WIDTH, AND HEIGHT BACK TO THE ORIGINAL FOOTPRINT. THE STONE SHALL MEET IDOT STANDARD SPECIFICATIONS SERIES 2015 SECTION 4130.
5	CLASS 'C' FIELDSTONE REVETMENT	THIS BID ITEM IS FOR SUPPLY AND PLACING CLASS 'C' FIELDSTONE REVETMENT (RIP RAP) ON JETTY AS NOTED ON THIS PLANS. THE REVETMENT SHALL MEET IOWA DOT STANDARD SPECIFICATION SERIES 2015 SECTION 4130. LIMESTONE, RECYCLED PCC PAVEMENT OR BROKEN CONCRETE IS NOT ALLOWED.
6	CLASS 'A' SURFACING STONE —	THIS BID ITEM IS FOR SUPPLY, PLACING AND COMPACTING OF CLASS 'A' SURFACING STONE ON THE JETTY, AS SHOWN ON THESE PLANS.THE MATERIAL SHALL MEET THE SHALL MEET IOWA D.O.T STANDARD SPECIFICATIONS OF HIGHWAY AND BRIDGE SECTION 4120 SERIES 2015 PLUS CURRENT SUPPLEMENTAL SPECIFICATION AND SPECIAL PROVISION.
7	SITE RESTORATION —	THIS BID ITEM SHALL ACCOUNT FOR ALL CLEAN—UP, GRADING, FERTILIZING, SEEDING, AND MULCHING TO RESTORE THE PARK AREA BACK TO ORIGINAL CONDITION. SEEDING SHALL BE TYPE 1 (PERMANENT LAWN), AND ALL SEEDED AREAS SHALL BE MULCHED WITH A TYPE 2.C ROLLED EROSION CONTROL PRODUCT. SPECIFICATIONS SHALL BE PER SECTION 9010 & 9040 OF THE IOWA SUDAS SPECIFICATION MANUAL.

## **GENERAL NOTES:**

### DESCRIPTION

THE CONTRACTOR SHALL NOTIFY THE FOLLOWING TWO WEEKS PRIOR TO CONSTRUCTION:

1. DISTRICT INSPECTOR:

JEFF FELTS

(515) – 250 – 3712

2. PROJECT MANAGER: EMMANUEL SANG (515)-321-7005

THE CONTRACTOR SHALL VERIFY ACTUAL LOCATIONS AND ELEVATIONS WITH THE D.N.R INSPECTOR.
ALL WORK SHALL CONFORM TO AND BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES AND
ORDINANCES

THE CONTRACTOR SHALL VISIT THE SITE AND INSPECT THE PROJECT AREA AND THOROUGHLY FAMILIARIZE THEMSELVES WITH THE ACTUAL JOB CONDITIONS PRIOR TO THE START OF WORK. FAILURE TO VISIT THE PROJECT SITE SHALL NOT RELIEVE THE CONTRACTOR FROM PERFORMING THE WORK IN ACCORDANCE TO THE PLANS, SPECIFICATIONS, SPECIAL PROVISIONS AND CONTRACT.

THE CONTRACTOR SHALL VERIFY, AT THE SITE, ALL DIMENSIONS AND CONDITIONS SHOWN ON THE PLANS AND SHALL NOTIFY THE D.N.R INSPECTOR OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS PRIOR TO PROCEEDING WITH THE WORK.

THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL FOR EXCESS MATERIAL (EXCAVATED MATERIAL OR OUT OF SPEC STONE) WHICH IS NOT DESIRABLE TO BE INCORPORATED INTO THE WORK INVOLVED ON THIS PROJECT. NO PAYMENT FOR OVERHAUL WILL BE ALLOWED FOR MATERIAL HAULED TO THE SITE. NO MATERIAL SHALL BE PLACED WITHIN THE RIGHT-OF-WAY, UNLESS SPECIFICALLY STATED IN THE PLANS OR APPROVED BY THE D.N.R INSPECTOR.

THE CONTRACTOR SHALL NOT DISTURB DESIRABLE GRASS AREAS AND DESIRABLE TREES OUTSIDE CONSTRUCTION LIMITS. THE CONTRACTOR WILL NOT BE PERMITTED TO PARK OR SERVICE VEHICLES AND EQUIPMENT OR USE THESE AREAS FOR STORAGE OF MATERIALS. STORAGE, PARKING AND SERVICE AREAS WILL BE SUBJECT TO THE APPROVAL OF THE D.N.R INSPECTOR.

THE CONTRACTOR IS EXPECTED TO HAVE MATERIALS, EQUIPMENT AND LABOR AVAILABLE ON A DAILY BASIS TO INSTALL AND MAINTAIN EROSION CONTROL FEATURES ON THE PROJECT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING FACILITIES RESULTING FROM THEIR NEGLIGENCE, OR THAT OF A SUBCONTRACTOR, AND SAID REPAIRS SHALL BE APPROVED BY THE OWNER.

PER THE SPECIAL PROVISIONS NO WORK SHALL OCCUR ON THIS PROJECT DURING WEEKENDS OR ON HOLIDAYS. THE CONTRACTOR SHALL SET WORKING HOURS TO LIMIT CONFLICTS WITH RECREATIONAL USE IN THE PARK

CHAUTAQUA PARK IS OWNED BY THE CITY OF STORM LAKE. THEY HAVE PERMITTED THE STAGING AREA AND ACCESS ACROSS THE PARK SO THIS PROJECT CAN BE COMPLETED. IT IS IMPORTANT THAT THE CONTRACTOR LIMIT THE FOOTPRINT OF DAMAGE ON THE PARK TO THE SMALLEST EXTENT POSSIBLE AND COMPLETELY RESTORE THE AREA FOLLOWING CONSTRUCTION. TOPSOIL IN THE STAGING AREA AND POSSIBLY ALONG THE ACCESS SHALL BE STRIPED, STOCKPILED AND RE—SPREAD FOLLOWING CONSTRUCTION.

THE CONTRACTOR SHALL PLAN TO INSTALL SNOW FENCE OR OTHER RESTRICTIVE ITEMS ALONG THE EAST SIDE OF THE CONSTRUCTION ACCESS/STAGING AREA IN THE PARK TO PREVENT PUBLIC ACCESS AND IMPROVE SAFETY WHILE WORKING. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

ONSULTANT



OWA DEPARTMENT OF NATURAL RESOURCES
ENGINEERING SERVICES - WALLACE BUILLING
502 E, 97H ST., DES MOINES, IA 50319-0034



STATE PARK

CHAUTAQUA JETTY REPAIR CONSTRUCTION
STORM LAKE STATE PARP

NO. BY DANE REVISION

DRAWN BY: PROJECT NUMBER:
ES 18-01-11-01

CHICUBY: DATE:
JF APRIL/2018

3

