

PUBLIC WORKS & UTILITIES COMMITTEE

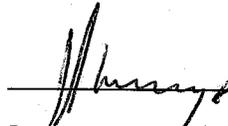
13-0598R

RESOLUTION AWARDING A CONTRACT TO KGM CONTRACTORS, INC.  
FOR THE 63RD AVENUE WEST BOX CULVERTS AT KEENE CREEK IN  
THE AMOUNT OF \$433,725.82.

CITY PROPOSAL:

RESOLVED, that the proper city officials are hereby authorized to enter into a contract with KGM Contractors, Inc. for the 63rd Avenue West Box Culverts at Keene Creek in the amount of \$433,725.82, payable out of Disaster Recovery Fund 225, Department/Agency 125 (Finance), Division 1803 (Roads and Bridges), Object 5403 (Street Repair and Maintenance), city project no. 1126, S.P. 118-103-005.

Approved:

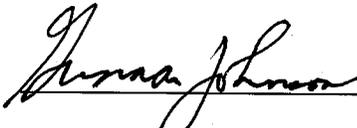
  
\_\_\_\_\_  
Department Director

Approved for presentation to council:

  
\_\_\_\_\_  
Chief Administrative Officer

Purchasing Agent 

Approved as to form:

  
\_\_\_\_\_  
Attorney

Approved:

  
\_\_\_\_\_  
Auditor

ENG PFL:jh 11/26/2013

STATEMENT OF PURPOSE: This resolution will authorize the replacement of the 63rd Avenue West Box Culverts at Keene Creek by KGM Contractors, Inc. in the amount of \$433,725.82. Payable out of Disaster Recovery Fund 225, Department/Agency 125 (Finance), Division 1803 (Roads and Bridges), Object 5403 (Street Repair and Maintenance), city project 1126, S.P. 118-103-005, requisition no. 13-0593. KGM Contractors, Inc. was the lowest responsible bidder of the six companies that responded. The 63rd Avenue West box culverts in Keene Creek suffered flood

damage in 2012 and will be paid for by flood funding.

TABULATION OF BIDS RECEIVED NOVEMBER 13, 2013

KGM Contractors, Inc.	Angora, MN	\$433,725.82
RJS Construction Group, LLC	Superior, WI	\$444,500.00
Watters & Sons Excavating, Inc.	Duluth, MN	\$447,866.25
Utility Systems of America, Inc.	Eveleth, MN	\$479,703.25
Northland Constructors of Duluth, LLC	Duluth, MN	\$489,916.35
Ulland Brothers, Inc.	Carlton, MN	\$512,514.45

MINNESOTA DEPARTMENT OF TRANSPORTATION

CITY OF DULUTH

DEPARTMENT OF PUBLIC WORKS AND UTILITIES  
ENGINEERING DIVISION

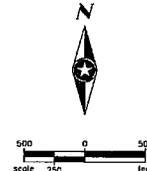
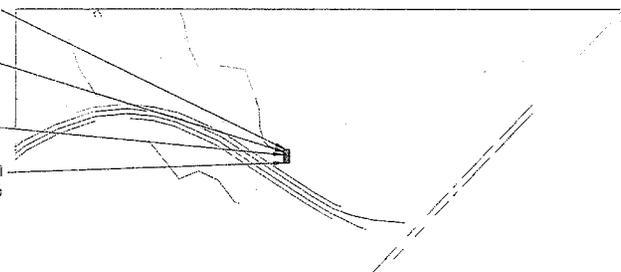
CONSTRUCTION PLANS FOR: BOX CULVERT REPLACEMENT

63rd AVENUE BOX CULVERTS

CITY PROJECT NO. 1126  
DULUTH FLOOD SITE NO. 29  
S.P. NO. 118-103-005

63rd AVE - KEENE CREEK	
GROSS LENGTH	129.28 FEET 0.0244 MILES
BRIDGES-LENGTH	22 FEET 0.042 MILES
EXCEPTIONS	0 FEET 0 MILES
NET LENGTH	129.28 FEET 0.0244 MILES
REF. POINT	0

STA 11+54.09  
END S.P. 118-103-005  
63RD AVENUE  
BRIDGE NO. 69K12  
EXISTING  
BRIDGE NO. L3140  
STA 10+24.81  
BEGIN S.P. 118-103-005



PROJECT LOCATION  
ST. LOUIS COUNTY  
CITY OF DULUTH  
749N R15 W SEC. 12

DESIGN DESIGNATION  
S.P 118-103-005

PROJECT	63RD AVE-KEENE CREEK BOX CULVERTS
DESIGN	10 TON
DESIGN SPEED	30 MPH
R-VALUE	30
ESALS	742,068
EXISTING A.D.T.	1835
20 YR PROJECTED A.D.T	2200
% HCADT	10%
FUNCTIONAL CLASSIFICATION	URBAN-COLLECTOR
NO. OF TRAFFIC LANES	2
NO. OF PARKING LANES	0

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

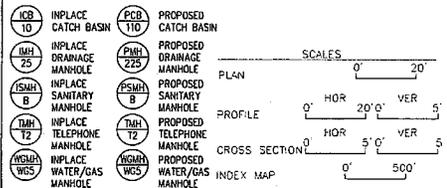


Know what's below.  
Call before you dig.

LEGEND

- 5+00 6+00
- 5 6
- EXISTING
- RIGHT OF WAY
- PERMANENT EASEMENT
- PROPERTY LINE
- R.R. RIGHT OF WAY
- SANITARY SEWER AND MANHOLE
- FORCE MAIN
- SANITARY SEWER SERVICE & CLEANOUT
- WATER MAIN, HYDRANT AND VALVE
- WATER SERVICE AND CURB STOP BOX
- WATER VALVE, MANHOLE
- STORM SEWER, APRON, MANHOLE AND CATCH BASIN
- CULVERT
- BULKHEAD
- BURIED FIBER OPTIC CABLE
- BURIED FIBER OPTIC DUCT OR CONDUIT
- BURIED PHONE CABLE AND PEDESTAL
- BURIED PHONE DUCT OR CONDUIT AND MANHOLE
- BURIED TV CABLE AND PEDESTAL
- BURIED ELECTRIC CABLE
- BURIED ELECTRIC DUCT OR CONDUIT AND MANHOLE
- OVERHEAD ELECTRIC, POLE AND DOWN GUY ANCHOR
- LIGHT POLE
- TRAFFIC SIGNAL STANDARD
- GAS MAIN
- GAS SIGN, VALVE AND VENT
- PETROLEUM PIPELINE
- SOIL BORING
- TRAVERSE POINT
- CONCRETE CURB AND GUTTER
- EXISTING PAVEMENT OR SIDEWALK
- SIGN (HWY, PARK, STOP, ETC.)
- STREET NAME SIGN
- DITCH
- RAILROAD TRACKS
- FENCE (UNIDENTIFIED)
- BARBED WIRE FENCE
- CHAIN LINK FENCE
- ELECTRIC WIRE FENCE
- WOOD FENCE
- WOODEN WIRE FENCE
- PLATE BEAM GUARDRAIL
- CABLE GUARDRAIL
- DECIDUOUS AND CONIFEROUS TREE
- BUSH-SHRUB
- WOODEN AREA
- WETLAND
- BUILDING
- PROPOSED
- NEW RIGHT OF WAY
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- SANITARY SEWER AND MANHOLE
- FORCE MAIN
- SANITARY SEWER SERVICE & CLEANOUT
- WATER MAIN, HYDRANT AND VALVE
- WATER SERVICE AND CURB STOP BOX
- WATER VALVE, MANHOLE
- STORM SEWER, MANHOLE AND CATCH BASIN
- CULVERT
- BULKHEAD
- DRAIN PIPE
- DITCH
- CONCRETE CURB AND GUTTER
- SILT FENCE
- FLOATATION SILT CURTAIN
- BOROLL
- LIGHT POLE
- TRAFFIC SIGNAL STANDARD
- SIGN (HWY, PARK, STOP, ETC.)
- STREET LIGHT FEED POINT
- STREET LIGHTING CABLE

MANHOLE & CATCH BASIN INDEX



Minn. Proj. No. ER MN12(258)  
GOVERNING SPECIFICATIONS  
THE 2005 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.  
THE 2013 EDITION OF THE CITY OF DULUTH PUBLIC WORKS AND UTILITIES DEPARTMENT STANDARD CONSTRUCTION SPECIFICATIONS AND ALL AMENDMENTS SHALL APPLY.  
ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO THE LATEST EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL LAYOUT
3-5	QUANTITIES & TABULATIONS
6	REMOVALS
7	SOIL CONSTRUCTION NOTES & PED RAMPS
8	TYPICAL SECTION & PAVEMENT PLAN
9-10	PAVEMENT JOINT DETAILS
11-15	PEDESTRIAN CURB RAMP DETAILS
16-19	CONSTRUCTION & EROSION CONTROL DETAILS
20	63RD AVE PLAN & PROFILE
21	GRADING PLAN
22	RESTORATION PLAN
23	TRAFFIC CONTROL PLAN
24-29	BRIDGE PLANS - BRIDGE 69K12

THIS PLAN CONTAINS 29 SHEETS

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.  
SCOTT D. HEDLUND, P.E.  
PROJECT ENGINEER (TYPED OR PRINTED NAME)  
7/23/2013 40886  
DATE REG. NO.

CITY APPROVALS:

APPROVED [Signature] CHIEF ENGINEER OF TRANSPORTATION 9/3/13 DATE

APPROVED [Signature] CHIEF ENGINEER OF UTILITIES 9/3/13 DATE

APPROVED [Signature] CITY ENGINEER 9/3/13 DATE

STATE APPROVALS:

REVIEWED FOR COMPLIANCE WITH STATE AID FUNDS POLICY: [Signature] 9/6 2013

DISTRICT STATE AID ENGINEER

APPROVED FOR STATE AID AND FEDERAL AID FUNDING: [Signature] 9/25 2013

STATE AID ENGINEER

SEH  
PHONE: 218.279.3000  
418 W SUPERIOR ST STE 200  
DULUTH, MN 55802-1512  
www.sehinc.com