Request for Quotes for Grant Park ADA Parking and Drainage Improvements

Instructions & General Information

The City of Galena is requesting quotes for construction work in Grant Park, including the installation of two parking spaces for persons with disabilities and the construction of a French drain to dewater a low area of the park as detailed below and also available on the city website: www.cityofgalena.org under Departments/Engineering/Bid Documents.

Scope of Project

The City of Galena is requesting quotes to complete the work detailed below. All work to be in accordance with the latest versions of the International Building Code, Standard General Conditions of the Construction Contract and City Specifications

Conditions

1. All work performed under this contract shall be subject to compliance with the Illinois Prevailing Wage Act, including the latest revisions and the Illinois Preference Act. Contractors are required to submit certified copies of their payroll.
2. The City of Galena shall be exempt from any liability for loss incurred by unsuccessful bidders in preparation for this proposal.
3. The City shall receive sealed quotes to complete the proposed work until: **10:00 AM, Friday, May 17, 2019.**
4. The City of Galena will make payment within thirty (30) days after acceptance of the work.
5. The City of Galena reserves the right to reject any or all quotes.
6. Contractors must comply with Drug Free Workplace Act (Source: P.A. 86-1459).
7. Questions concerning the project or arranging a site visit with City Staff should be directed to: Matt Oldenburg at 815-777-1050 or mjoldenburg@cityofgalena.org
8. **Work to be completed between June 3 and August 2, 2019.**

Specifications

1. **Turf restoration:** Item shall include a minimum of 4 inches of topsoil, grass seed, fertilizer and straw mulch. If sufficient topsoil is not recovered from the work site, it will be the Contractor's responsibility to provide additional topsoil at no extra cost for this item. Regarding the trenches, the Contractor may use a sod-cutter to remove sod before trenching, then replace afterward, as an option.
2. **Erosion Control:** All erosion control is to comply with details indicated in the plans. Temporary silt fence shall be installed prior to any grading or excavation work in the area to be protected. Fence shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
    a. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 50 for woven.
    b. Fence posts shall be either wood post with a minimum cross-sectional area of 1.5" x 1.5" or a standard steel post.

c. When splices are necessary, make splice at post. Place the end post fo the second fence inside the end post of the first fence. Rotate both posts together at least 180 degrees to create a tight seal with the fabric material. Cut the fabric near the bottom of the posts to accommodate the 6 inch flap. Then drive both posts and bury the flap. Compact backfill well or knife-in fabric a minimum of 6 inches bury.

3. Excavations shall be properly marked or fenced to protect the public.
4. French Drain shall have the geotextile fabric entirely encapsulate the CA-7 clean stone. This will filter fine materials from entering the drain structure. Ensure the ends of the trench include geotextile fabric.
5. French Drain connection to existing drain pipe from fountain is in grassy area depicted on the drawing near the Pavilion. Field-verify the depth of fountain drain pipe before French Drain layout to determine appropriate depth of French Drain to accommodate adequate fall to fountain drain pipe.
6. See Appendix A for Nyloplast 10" Drain Basin detail and specifications.

General

1. Contractor is responsible for providing access to all work areas in accordance with recognized health and safety requirements.
2. Contractor is responsible for all clean-up at the end of the project and will ensure that all excess materials are removed from the site.

Attached Drawings include: 2019 Grant Park ADA Parking Spaces; Appendix A Nyloplast 10" Drain Basin & Specifications.

2019 Grant Park ADA Parking Spaces

Contractor to complete specified work at following prices:

TABLE OF QUANTITIES					
#	**ITEM**	**UNIT**	**QUANTITY**	**UNIT COST $**	**AMOUNT $**
1	Earth excavation, grading	CY	38		
2	Aggregate base, CA-10, 10" thickness, compacted	TON	33		
3	HMA Pavement, 4" thickness, 2-lifts	TON	21		
4	PCC Sidewalk, 5' wide, 7" thickness, include 6" CA-10 compacted aggregate base, exposed aggregate to match surrounding sidewalk	SF	86		
5	French Drain, including trenching, pipe, connections, clean stone and geotextile fabric	LF	20		
6	Nyloplast drain basin, 10" diameter, furnish and install, connect to French Drain pipe	SUM	1		
7	Pipe Underdrain, 6", solid SDR-35 or Schedule 40, include fittings and connection from French Drain to existing 6" pipe near Pavillion	LF	40		
8	Turf restoration, includes 4" minimum top soil, seed and straw mulch	SF	1000		
9	Erosion Control, silt fence	LF	40		
	TOTAL				

All work to be completed in accordance with specifications described in this request for quotes.

The contractor is advised to visit the site to view the proposed work in order to determine the extent and nature of the listed work items.

Respectfully submitted:

_____ _____

Company Date

_____ _____

Title Signature

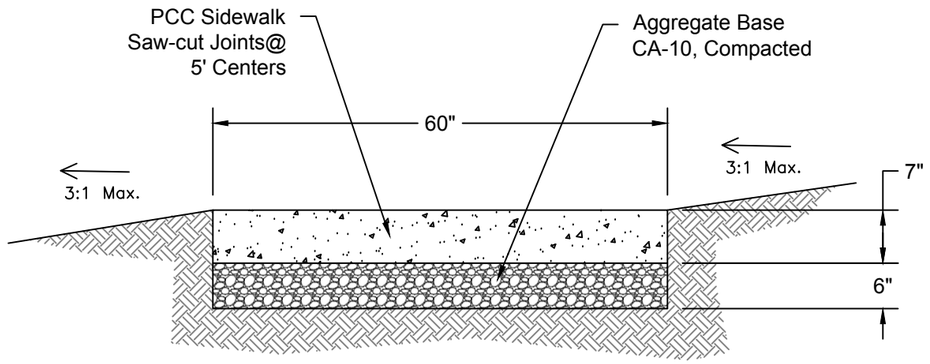
_____

Address

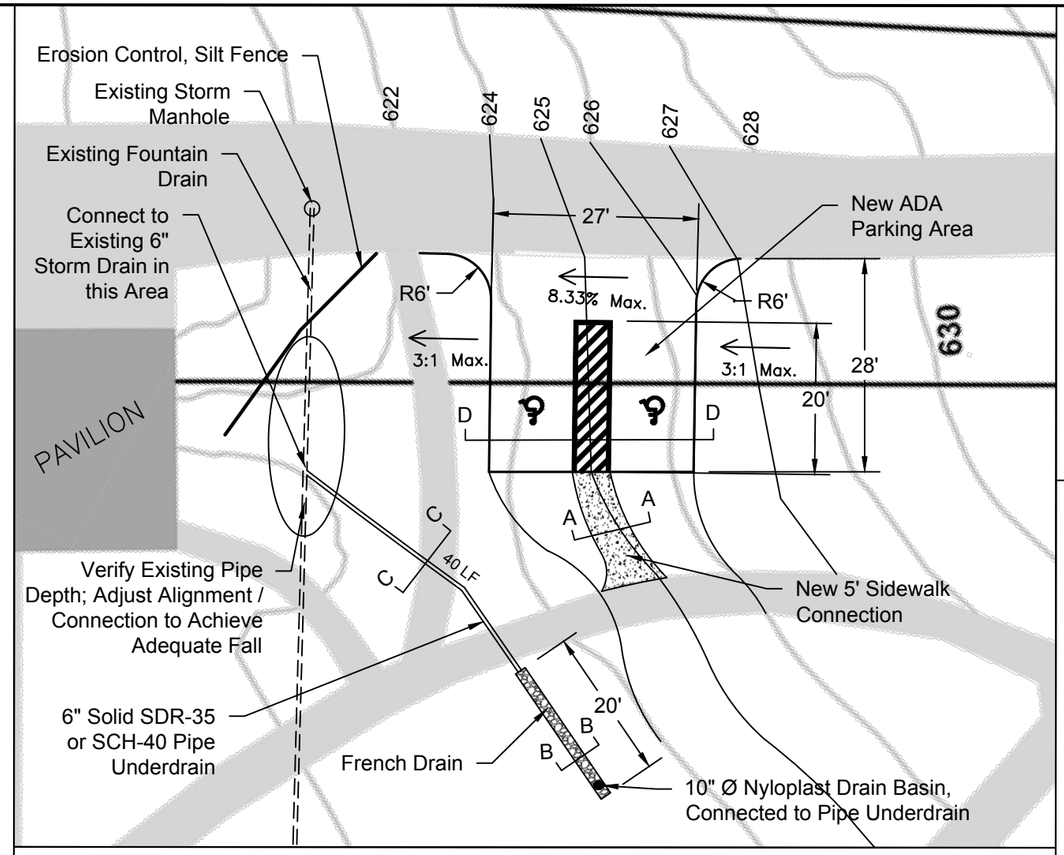
APPROVED BY CITY OF GALENA

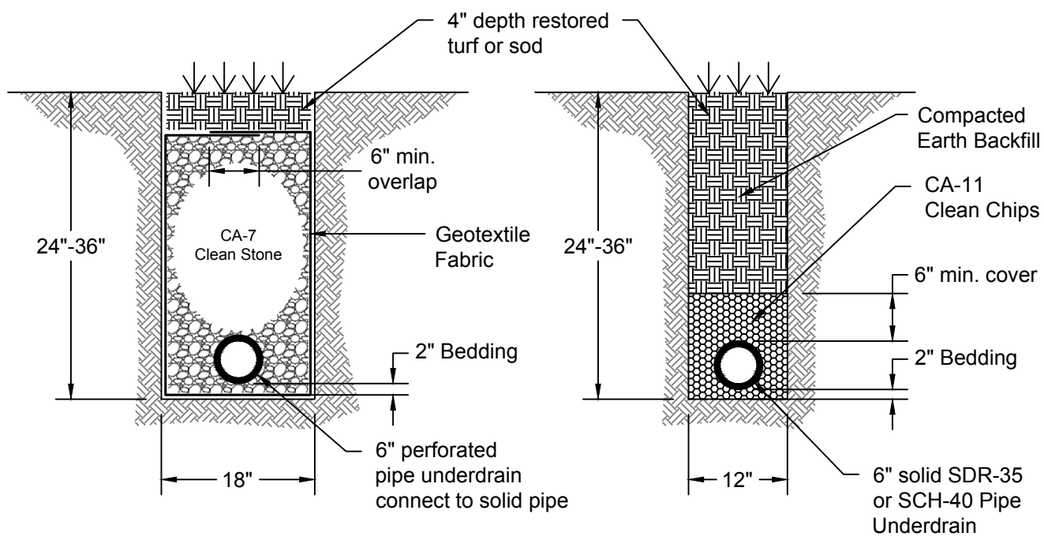
_____ _____

Signature Date



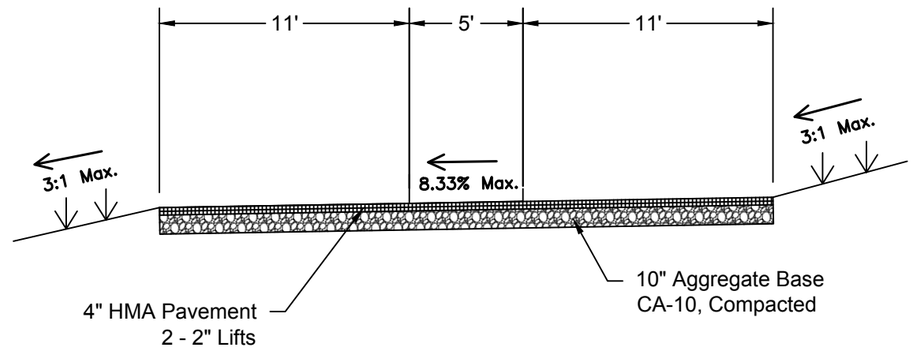
Sidewalk Section A
NTS





French Drain Section B
NTS

Solid Drain Section C
NTS



Parking Area Section D
NTS

CITY OF GALENA
101 GREEN STREET
GALENA, IL 61036

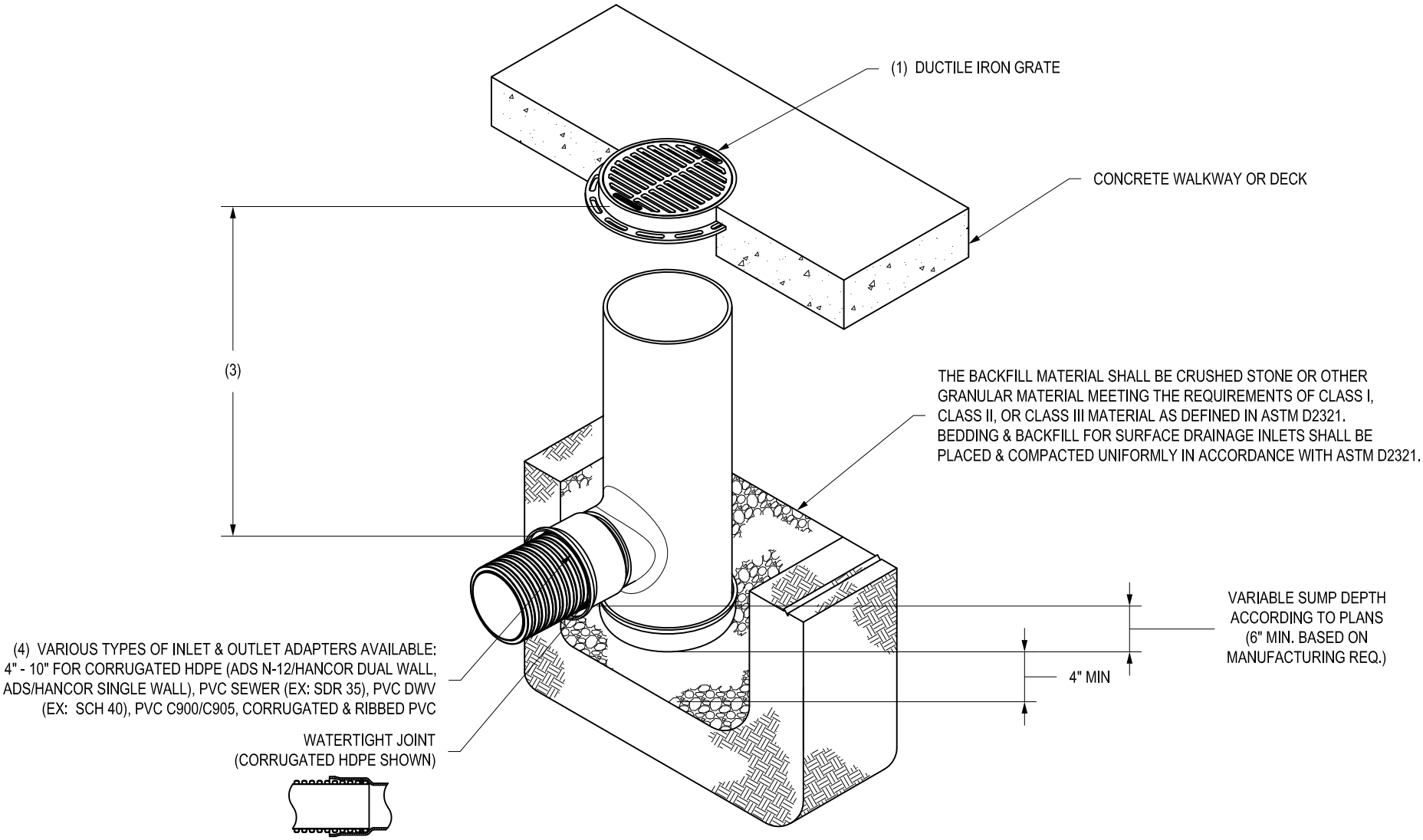
DRAWN BY: MJO
CHECKED BY: CAL, MPM
SCALE 1"= 20'

CITY OF GALENA
2019 GRANT PARK
ADA PARKING SPACES

FILE NO.

SHEET
1 OF 1

NYLOPLAST 10" DRAIN BASIN: 2810AG _ _ X



1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
2 - CUSTOM DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
3 - STANDARD DRAIN BASIN HAS FIXED ADAPTER LOCATIONS OF 0° & 180°. CUSTOM DRAIN BASIN ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL) & PVC SEWER (4" -10").

DRAWN BY NMH	MATERIAL	Nyloplast	3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com
DATE 6-25-18			
APPD BY NMH	PROJECT NO./NAME	TITLE	
DATE 6-25-18		10 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL	
DWG SIZE A	SCALE 1:12 SHEET 1 OF 1	DWG NO. 7001-110-273	REV F

Section 2721

Engineered Surface Drainage Products

GENERAL

PVC surface drainage inlets shall include the drain basin type as indicated on the contract drawing and referenced within the contract specifications. The ductile iron grates for each of these fittings are to be considered an integral part of the surface drainage inlet and shall be furnished by the same manufacturer. The surface drainage inlets shall be as manufactured by Nyloplast a division of Advanced Drainage Systems, Inc., or prior approved equal.

MATERIALS

The drain basins required for this contract shall be manufactured from PVC pipe stock, utilizing a thermoforming process to reform the pipe stock to the specified configuration. The drainage pipe connection stubs shall be manufactured from PVC pipe stock and formed to provide a watertight connection with the specified pipe system. This joint tightness shall conform to ASTM D3212 for joints for drain and sewer plastic pipe using flexible elastomeric seals. The flexible elastomeric seals shall conform to ASTM F477. The pipe bell spigot shall be joined to the main body of the drain basin or catch basin. The raw material used to manufacture the pipe stock that is used to manufacture the main body and pipe stubs of the surface drainage inlets shall conform to ASTM D1784 cell class 12454.

The grates and frames furnished for all surface drainage inlets shall be ductile iron for structure sizes 8", 10", 12", 15", 18", 24", 30" and 36" and shall be made specifically for each basin so as to provide a round bottom flange that closely matches the diameter of the surface drainage inlet. Grates for drain basins shall be capable of supporting various wheel loads as specified by Nyloplast. 12" and 15" square grates will be hinged to the frame using pins. Ductile iron used in the manufacture of the castings shall conform to ASTM A536 grade 70-50-05. Grates and covers shall be provided painted black.

INSTALLATION

The specified PVC surface drainage inlet shall be installed using conventional flexible pipe backfill materials and procedures. The backfill material shall be crushed stone or other granular material meeting the requirements of class 1, class 2, or class 3 material as defined in ASTM D2321. Bedding and backfill for surface drainage inlets shall be well placed and compacted uniformly in accordance with ASTM D2321. The drain basin body will be cut at the time of the final grade. No brick, stone or concrete block will be required to set the grate to the final grade height. For load rated installations, a concrete slab shall be poured under and around the grate and frame. The concrete slab must be designed taking into consideration local soil conditions, traffic loading, and other applicable design factors. For other installation considerations such as migration of fines, ground water, and soft foundations refer to ASTM D2321 guidelines.

DRAWN BY CJA	MATERIAL	Nyloplast®	3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com
DATE 3-10-00			
REVISED BY NMH	PROJECT NO./NAME	TITLE	
DATE 02-21-18		8 IN - 36 IN DRAIN BASIN SPECIFICATIONS	
DWG SIZE A	SCALE 1:1 SHEET 1 OF 1	DWG NO. 7001-110-011	REV J