



**OFFICE OF WILL COUNTY EXECUTIVE**  
**JENNIFER BERTINO-TARRANT**

Will County Office Building – 302 N Chicago Street – Joliet, Illinois 60432

**Kevin Lynn**  
Purchasing Director

(815) 740-4712  
Fax (815) 740-4604  
[klynn@willcountyillinois.com](mailto:klynn@willcountyillinois.com)

**BID # 2021-70**  
**RADIO TOWER RFP**  
**WILL COUNTY E.M.A.**

**ADDENDUM #1**  
JULY 16, 2021

Please see the below clarifications / additions that were discussed at the pre-bid site visit on 7/15/2021:

Please use the attached bid form in conjunction with the original form to provide ala carte pricing for the 8 proposed antenna requirements.

Please see the attached grading plan for the Wilmington DOT site

The make and model of the tower we are re-erecting is a Valmont PiRod U-16.0 x 200' self-supporting tower. This tower was originally built in 2008

Please see the attached pre-bid sign in sheet as requested.

**BID PRICE WORKSHEET #2:**

**Date Released: 07-2-2021**  
**Due: 07-27-2021, 10:00 AM**  
**Open: 07-27-2021, 10:10 AM**

**PURCHASING DEPARTMENT**  
**COUNTY OF WILL**  
**302 N. CHICAGO ST**  
**JOLIET, IL. 60432**

**CONTRACT FOR 2021-70**  
**RE-ERECT EXISTING EMERGENCY RADIO**  
**COMMUNICATIONS TOWER**

The Bidder proposes to provide the products  
and/or services in accordance with the  
specification attached herein.

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

CONTACT \_\_\_\_\_

PHONE \_\_\_\_\_ FAX \_\_\_\_\_

Email \_\_\_\_\_

FEIN # \_\_\_\_\_

Or Soc Sec

# \_\_\_\_\_

***THIS IS NOT AN ORDER***

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<b>Agency Name and Delivery Address:</b>	<b>WILL COUNTY RADIO TOWER, WILL COUNTY, ILLINOIS</b> <b>29919 S. PRAIRIEVIEW DR. WILMINGTON, IL, 60481, WILL COUNTY,</b> <b>ILLINOIS</b>
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<b>For Additional Information contact:</b>	<b>KEVIN LYNN, PURCHASING DIRECTOR,</b> <a href="mailto:klynn@willcountyillinois.com">klynn@willcountyillinois.com</a>
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PRICING FOR:	COST
4' (four foot) microwave radom antenna at 175'. 1/2" feedline to be used.	\$
3' (three foot) microwave radom antenna at 135'. 5/8" feedline to be used.	\$
2' (two foot) microwave radom antenna at 75'. 1/2" feedline to be used.	\$
DB224 VHF antenna at top of tower. 7/8" feedline to be used.	\$
DB224 VHF antenna at 150'. 7/8" feedline to be used.	\$
800 MHz, 6dB gain omni at top of tower, inverted. 7/8" feedline to be used.	\$
800 MHz, 6dB gain omni antenna at 175'. 7/8" feedline to be used.	\$
440 MHz, omni antenna at 180'. 7/8" feedline to be used.	\$

**Signed By:** \_\_\_\_\_

**Title:** \_\_\_\_\_  
Representative of Company



## STORM SEWER TAGS

- |  |   |   |   |
|--|---|---|---|
| 1 EXISTING CMP 30" TO BE REMOVED<br>INV= 578.55 SW<br>INV= 581.45 NE             | 6 PROP END SECTION 21"<br>INV= 586.30   | 10 29 ILIN FT SS CL A 2 12"<br>@0.00%   | 14 90 DEGREE BEND<br>FG = 583.0<br>INV= 580.2                               |
| 2 EXISTING CMP 36" TO BE REMOVED<br>INV= 578.57 SW<br>INV= 580.75 NE             | 7 PROP END SECTION 12"<br>INV= 583.00   | 11 PROP END SECTION 12"<br>INV= 584.00  | 15 155 LIN FT PERFORATED PVC, 4"<br>@1.23% (SEE UNDERDRAIN DETAIL SHEET C5) |
| 3 PROP STEEL END SECTION 12"<br>CONNECT TO EXIST. CLAY FIELD TILE<br>INV= 578.97 | 8 29 ILIN FT SS CL A 2 12"<br>@0.50%  | 12 PROP CONC HEADWALL FOR PIPE<br>DRAIN. PROVIDE 4" SCREW TYPE<br>PVC CAP WITH 8" DIA. HOLE DRILLED<br>@ ELEV = 579.00<br>INV= 578.85 | 16 PVC CLEANOUT WITH 4"<br>WATERTIGHT CAP.<br>FG = 583.0<br>INV= 581.0      |
| 4 PROP END SECTION 21"<br>INV= 585.30  | 9 SPECIAL MANHOLE WITH<br>RESTRICTOR PLATE & RISER<br>(BD600-04) SEE SHEET C7.<br>RIM= 592.50<br>INV= 584.00 N<br>INV= 583.20 S | 13 110 LIN FT SOLID PVC, 4"<br>@1.23%   | 17 218 LIN FT SS CL B 2 15"(PVC)<br>@1.17%                                  |
| 5 88 LIN FT SS CL A 2 21"<br>@1.00%  |   |   | 18 PROP STEEL END SECTION 15"<br>INV= 594.00                                |

## STORM WATER MANAGEMENT SUMMARY

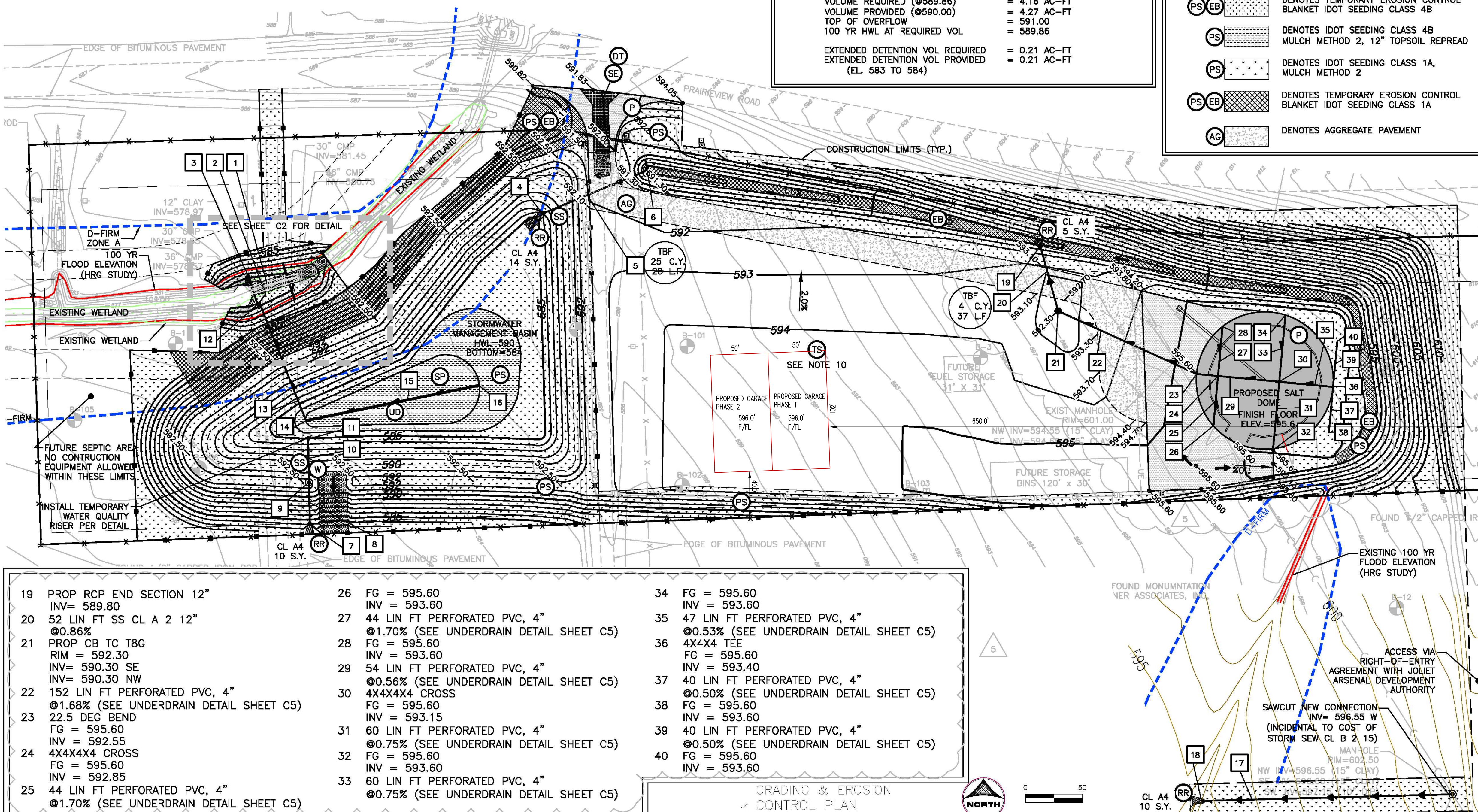
VOLUME REQUIRED (@589.86)	= 4.16 AC-FT
VOLUME PROVIDED (@590.00)	= 4.27 AC-FT
TOP OF OVERFLOW	= 591.00
100 YR HWL AT REQUIRED VOL	= 589.86
EXTENDED DETENTION VOL REQUIRED	= 0.21 AC-FT
EXTENDED DETENTION VOL PROVIDED (EL. 583 TO 584)	= 0.21 AC-FT

## LEGEND

- XXX--- EXISTING CONTOUR  
---XXX--- PROPOSED CONTOUR  
---XXX--- DENOTES PROPOSED DRAINAGE DIRECTION  
---XXX--- DENOTES PROPOSED OVERFLOW DIRECTION  
---XXX--- DENOTES EROSION CONTROL MEASURE  
TAG (SEE SHEET C3 FOR LEGEND)  
# DENOTES STORM SEWER TAG  
BF EROSION CONTROL FENCE  
---XXX--- DENOTES PROPOSED TEMPORARY DITCH  
CHECK  
PS EB DENOTES PERMANENT TURF  
REINFORCEMENT MAT (NORTH AMERICAN  
GREEN C350 OR APPROVED EQUAL)  
IDOT SEEDING CLASS 4B  
PS EB DENOTES TEMPORARY EROSION CONTROL  
BLANKET IDOT SEEDING CLASS 4B  
PS DENOTES IDOT SEEDING CLASS 4B  
MULCH METHOD 2, 12" TOPSOIL REPREAD  
PS DENOTES IDOT SEEDING CLASS 1A,  
MULCH METHOD 2  
PS EB DENOTES TEMPORARY EROSION CONTROL  
BLANKET IDOT SEEDING CLASS 1A  
AG DENOTES AGGREGATE PAVEMENT

## GRADING &amp; EROSION CONTROL NOTES:

- NO DIMENSIONS SHALL BE ASSUMED BY SCALING.
- NO KNOWN DRAIN TILES ARE PRESENT ON THE PROPOSED DEVELOPMENT. IF TILES ARE ENCOUNTERED DURING CONSTRUCTION PLEASE NOTIFY THE ENGINEER IMMEDIATELY.
- SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
- ALL SEDIMENTATION AND EROSION CONTROL REGULATIONS SHALL BE ADHERED TO PER CITY OF WILMINGTON AND WILL COUNTY REQUIREMENTS.
- ALL TOPSOIL SHALL BE STRIPPED PRIOR TO FILLING.
- ALL EXISTING STRUCTURES, NOTED TO BE REMOVED ON SITE PLAN, FENCING, TREES, & ETC., WITHIN CONSTRUCTION AREA SHALL BE REMOVED & DISPOSED OF OFF SITE. NO ON SITE BURNING WILL BE ALLOWED.
- GENERAL CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO GRADING START.
- SPOT ELEVATIONS SHOWN ARE @ EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON PLAN.
- GROUND COVER FOR 3:1, 4:1, & 5:1 SLOPES SHALL BE ESTABLISHED WITHIN SEVEN DAYS OF FINAL GRADING.
- THE FUTURE DEVELOPMENT AREA SHALL BE RESPREAD WITH 6 INCHES OF TOPSOIL AND SEEDED WITH I.D.O.T. SEEDING CLASS 7.
- ALL DISTURBED AREAS TO BE RESTORED W/ 6" TOPSOIL RESPREAD & SEEDING UNLESS OTHERWISE NOTED ON PLANS.
- EXCESS MATERIAL SHALL BE PLACED AT SPECIFIED LOCATION UNLESS OTHERWISE SPECIFIED BY OWNER AND APPROVED BY ENGINEER FOR USE OF LOT GRADING. STOCKPILES SHALL BE SURROUNDED WITH FILTER FENCE AND SHALL BE SEEDED PER I.D.O.T. MANUAL (LATEST ADDITION) (TEMPORARY) IF LEFT MORE THAN 14 WORKING DAYS.
- THE STORM SEWER LENGTH DOES NOT INCLUDE FLARED END SECTION.
- DRAIN TILE SYSTEMS DISTURBED DURING DEVELOPMENT MUST BE RECONNECTED BY THOSE RESPONSIBLE FOR THEIR DISTURBANCE UNLESS THE APPROVED ENGINEERING PLANS INDICATE HOW THE DRAIN TILE SYSTEM IS TO BE CONNECTED TO THE PROPOSED STORMWATER MANAGEMENT SYSTEM. ALL ABANDONED DRAIN TILES SHALL BE REMOVED IN THEIR ENTIRETY.
- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE DEVELOPMENT SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
- PROPERTIES AND CHANNELS ADJOINING THE DEVELOPMENT SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.
- ALL STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SHALL BE PROTECTED BY AND APPROPRIATE SEDIMENT CONTROL MEASURE.
- IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AND EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURES).
- ALL TEMPORARY SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED. TRAPPED SEDIMENT AND OTHER DISTRIBUTED SOIL AREAS SHALL BE PERMANENTLY STABILIZED.
- A STABILIZED MAT OR AGGREGATE UNDERLAIN WITH FILTER CLOTH (OR OTHER APPROPRIATE MEASURES) SHALL BE LOCATED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING OR LEAVING A CONSTRUCTION-SITE OF A MAJOR DEVELOPMENT TO OR FROM A PUBLIC RIGHT-OF-WAY, STREET, ALLEY, OR PARKING AREA. ANY SEDIMENT OR SOIL REACHING AND IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- SOIL STOCKPILES SHALL NOT BE LOCATED IN A FLOOD-PRONE AREA OR A DESIGNATED BUFFER PROTECTING WATERS OF THE UNITED STATES OF ISOLATED WATERS OF WILL COUNTY.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEIPTABLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO ANY DEVELOPMENT SITE, CHANNEL, WATERS OF THE U.S. OR ISOLATED WATERS OF WILL COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION.
- ALL STOCKPILES PLACED ON SITE DURING CONSTRUCTION SHOULD BE SURROUNDED BY A DOUBLE ROW OF SILT FENCE. IF ANY STOCKPILES REMAIN UNDISTURBED FOR GREATER THAN THREE (3) DAYS, THEY SHALL BE TEMPORARY TEMPORARILY SEEDED.
- THE CONTRACTOR SHALL BE AWARE OF THE ALL SOIL CONDITIONS DESCRIBED IN THE REPORT OF SOILS EXPLORATION PREPARED BY TESTING SERVICE CORPORATION DATED FEBRUARY 4, 2011. THE CONTRACTOR SHALL ABIDE BY ALL RECOMMENDATION AS SPECIFIED.
- SEE SHEET G3 FOR STORMWATER BASIN BERM DETAIL.



DRAWN BY: XXX JOB DATE: 2011  
APPROVED: XXX JOB NUMBER: 090056  
CAD DATE: 1/5/2012 8:57:18 AM  
CAD FILE: O:\090056\Arsenal-Maintenance\Cad\Site\Sheets\C1-GR\_ER\_OVERALL.dwg

NO.	DATE	BY	REVISION DESCRIPTION
2	06-17-11	KMH	CITY REVIEW COMMENTS
3	06-22-11	KMH	IDOT REVIEW COMMENTS
4	07-13-11	KMH	ADDENDUM #1
5	01-05-12	KMH	GRADING & UNDERDRAIN REVISION

HRGreen.com  
HRGreen

ARSENAL MAINTENANCE FACILITY  
WILL COUNTY DEPARTMENT OF HIGHWAYS  
WILMINGTON, ILLINOIS

CIVIL  
OVERALL GRADING AND EROSION CONTROL  
PLAN

SHEET NO.  
C1



## PRE-BID CONFERENCE SIGN IN

DEPARTMENT: 2021-70 RADIO TOWER RFP – WILL COUNTY E.M.A.  
 DATE: THURSDAY, JULY 15, 2021 2:00 PM

BIDDERS COMPANY NAME - REPRESENTED BY	ADDRESS	PHONE
Integral Cost- Estimating @ BuildIntegral.com Scott Schmidt	320 ROCKHUR DR POMEYUNE, IL 60146	544-317-7403
AUSTATE TOWER, INC. DEREK SANDERFUR dsanderfur@pttg.com	232 HEDMAN AVE. HENDERSON, KY 42420	270-830-8512
WT Group Kevin Connor	2675 Pratum Hoffman Estates, IL	224-283-6333
Finish EXCAVATING NATHAN MULLIGAN	E. Debuque, IL	563-451-2264
Subre Industries Jeff McDonald	2626 Midwest Ct. Champaign IL 61822	217 402 6707
MIDAMERICA Towers, Inc	226 STONE CT. New Lenox, IL 60451	815-643-1565
HARBOR CONT.	28830 W MAIN PLAINFIELD IL	815-254-5500

Also present: Kevin Lynn, Nancy Ruettiger, Tom Murray

