Village Board

Village President
Frank DeSimone

Trustees
Rosa Carmona
Ann Franz
Agnieszka "Annie" Jaworska
McLane Lomax
Nicholas Panicola Jr.
Armando Perez

Village Clerk
Nancy Quinn

Village Manager
Evan K. Summers

BENSENVILLE
GATEWAY TO OPPORTUNITY

Village of Bensenville, Illinois
VILLAGE BOARD
COMMITTEE OF THE WHOLE
AGENDA
6:30 PM September 18, 2018

I. CALL TO ORDER

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL

IV. PUBLIC COMMENT (3 minutes per person with a 30 minute meeting limitation)

V. APPROVAL OF MINUTES

1. *August 21, 2018 Committee of the Whole Minutes*

VI. **REPORTS OF VILLAGE DEPARTMENTS**

A. Administration – No Report

B. Community and Economic Development

1. *Consideration of an Ordinance Approving a Preliminary and Final Planned Unit Development, Conditional Use Permit and Site Plan Review to Construct a Sports Complex for Grand County LLC, Located at 1050 S. County Line Road*

2. *Consideration of an Ordinance Approving a Variance (fence, corner side yard) for Ion Lucian Faltinski, Located at 401 S. Barron Street, Bensenville*

C. Finance

1. *Informational Item - Private Placement of the Loan/Bank Qualified Debt*

2. *Consideration of a Resolution Authorizing the Opening of a Bank/Investment Account with Wintrust Community Bank*

D. Police Department

1. *Consideration of an Ordinance Amending the Bensenville Village Code Title 3 - Chapter 3 - Liquor Regulations - Creation of a Class K-1 License*

E. Public Works

1. *Consideration of a Resolution Authorizing the Execution of Amendment No. 4 to the Engineering Services Agreement with HR Green for Plan Review Services Associated with the Elgin-O'Hare Western Access Project in the Not to Exceed Amount of $100,000 for a Revised Contract Total of $548,000*

2. *Consideration of a Resolution Authorizing the Applications to Seek a Community Development Block Grant (CDBG) Assistance for the 2019 Annual Residential Streetlight Project and 2019 Village Street Improvements Project*

3. *Consideration of a Resolution Authorizing the Execution of Change Order #1 (Final) with Hoerr Construction, Inc for the 2018 Sanitary Sewer Lining Program for a Credit of $39,750.37 for a Revised Contract Cost of $159,495.07*

4. *Consideration of a Resolution Approving Revised Change Order Number Two and Final with R.W. Dunteman Company for a Decrease of $43,335.88 for the Downtown Streetscape Project – North Half for a Revised Contract Cost of $2,079,530.12*

5. *Consideration of a Resolution finalizing the Motor Fuel Tax (MFT) Fund Expenditures for Village's Local match as Well as Phase III (Construction) Engineering for the Foster Avenue LAFO Project in the Amount of $233,127.79*

6. *Consideration of a Resolution finalizing the Motor Fuel Tax (MFT) Fund Expenditures for Village's Local Match for the Green St LAPP and the Green-York Watermain Project (IDOT Contract 63759) in the Amount of $82,007.08*

7. *Consideration of a Resolution to Waive Competitive Bidding and Authorize the Execution of a Contract with M.E. Simpson for the 2018 Leak Survey in the Not-to-Exceed Amount of $14,800*

F. Recreation – No Report

VII. INFORMATIONAL ITEMS

VIII. UNFINISHED BUSINESS

IX. EXECUTIVE SESSION

A. Review of Executive Session Minutes [5 ILCS 120/2 (C) (21)]
B. Personnel [5 ILCS 120/2 (C) (1)]
C. Collective Bargaining [5 ILCS 120/2 (C) (2)]
D. Property Acquisition [5 ILCS 120/2 (C) (5)]
E. Litigation [5 ILCS 120/2 (C) (11)]

X. ADJOURNMENT

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Minutes	Corey Williamsen	Village Clerk's Office	September 18, 2018

DESCRIPTION:
August 21, 2018 Committee of the Whole Minutes

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

COMMITTEE ACTION: **DATE:**

BACKGROUND:

KEY ISSUES:

ALTERNATIVES:

RECOMMENDATION:

BUDGET IMPACT:

ACTION REQUIRED:

ATTACHMENTS:

Description	Upload Date	Type
DRAFT_180821_COW	9/12/2018	Cover Memo
DRAFT_180821_COW_Exhibit_A	9/12/2018	Cover Memo

Village of Bensenville
Village Board Room
12 South Center Street
Bensenville, Illinois 60106
Counties of DuPage and Cook

MINUTES OF THE COMMITTEE OF THE WHOLE
August 21, 2018

CALL TO ORDER: President DeSimone called the meeting to order at 6:30 p.m.

PRESENT: Upon roll call by Deputy Village Clerk, Corey Williamsen, the following Board Members were present:

President DeSimone, Carmona, Franz, Jaworska, Lomax, Panicola

Absent: Perez, Village Clerk, Nancy Quinn

A quorum was present.

Staff Present: E. Summers, J. Caracci, T. Finner, F. Kosman, A. Thakkar, S. Viger, C. Williamsen

Public Comment: **Dave Lux – 4N551 Briar Lane, Bensenville**
Mr. Lux addressed the Committee regarding the proposed Christopher B. Burke Engineering Agreement for action on the meeting's agenda.

Colette Lozins – 17W048 White Pine Road, Bensenville
Ms. Lozins addressed the Committee regarding the proposed Christopher B. Burke Engineering Agreement for action on the meeting's agenda.

Chris Anaya – 573 Marshall Road, Bensenville
Ms. Anaya addressed the Committee regarding the proposed conditional use permit amendment for 801 N. Rt. 83 for action on the meeting's agenda. Ms. Anaya submitted photos to the Committee. The photos have been attached to the minutes as "Exhibit A."

DRAFT

Approval of Minutes: The July 17, 2018 Committee of the Whole Meeting minutes were presented.

Motion: Trustee Lomax made a motion to approve the minutes as presented. Trustee Franz seconded the motion.

All were in favor. Motion carried.

President DeSimone asked to move Recreational Items to this portion of the agenda. There were no objections from the Committee.

Sin Bin Hockey Shop Surplus Property: Village Manager, Evan Summers, presented an Ordinance Declaring Sin Bin Hockey Shop Inventory and Equipment as Village Owned Surplus Property.

There were no questions from the Committee.

Motion: Trustee Franz made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Panicola seconded the motion.

All were in favor. Motion Carried.

Universal File Exchange LLC: Village Manager, Evan Summers, presented a Resolution Authorizing a Master License Agreement with Universal Film Exchanges, LLC.

There were no questions from the Committee.

Motion: Trustee Carmona made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Jaworska seconded the motion.

All were in favor. Motion Carried.

DRAFT

Podlin Drive SSA: Village Manager, Evan Summers, and Staff held a Presentation on the Potential Podlin Drive Special Service Area.

Consensus from the Committee was to leave the area as is and reach out to non-responding properties one last time.

751 S. Center St.: Village Manager, Evan Summers, presented an Ordinance Approving a Variance (shed, size) for Kamil Matyja, located at 751 S. Center Street.

There were no questions from the Committee.

Motion: Trustee Panicola made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Jaworska seconded the motion.

All were in favor. Motion Carried.

801 N. Rt. 83.: Village Manager, Evan Summers, presented an Ordinance Approving an Amendment to Conditional Use Permit for Thorntons, Inc., located at 601 N IL Route 83.

President DeSimone asked if the petitioner was against the tabling of this item until a finalized plan can be reached regarding traffic, parking and maintenance of the property. The representative from Thornton's stated he was no opposed to the tabling of the item.

Motion: Trustee Lomax made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Jaworska seconded the motion.

No action was taken on the above motion.

Motion: Trustee Panicola made a motion to table this action item until September 18, 2018. Trustee Jaworska seconded the motion.

DRAFT

Roll Call: Ayes: Carmona, Franz, Jaworska, Lomax, Panicola

Nays: None

All were in favor. Motion carried.

Police Records Management System: Village Manager, Evan Summers, presented a Resolution to Authorize Payment of $28,337.82 to DuPage County for the First Capital Installment Payment of the Police Records Management System's Component of the Du Page Justice Information System.

There were no questions from the Committee.

Motion: Trustee Lomax made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Franz seconded the motion.

All were in favor. Motion carried.

NIPAS: Village Manager, Evan Summers, presented an Ordinance Approving an Amended Mutual Aid Agreement for the Northern Illinois Police Alarm System (NIPAS).

There were no questions from the Committee.

Motion: Trustee Panicola made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Carmona seconded the motion.

All were in favor. Motion carried.

702 W. Green St.: Village Manager, Evan Summers, presented a Resolution Approving an Acquisition of Necessary Right of Way, Permanent and/or Temporary Easements from Mr. Roland Zablocki of 702 W Green St (PIN 03-14-301-007) in the Not-to-Exceed Amount of $12,750.00 Related to the Church Rd TAP-TCM Project.

There were no questions from the Committee.

DRAFT

Motion: Trustee Lomax made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Franz seconded the motion.

All were in favor. Motion carried.

James J. Benes: Village Manager, Evan Summers, presented a Resolution Authorizing the Execution of a Design Engineering Services Agreement for the 2019 Village Watermain Improvements Project with James J. Benes & Associates, Inc. in the Not-to-Exceed Amount of $69,232.00.

There were no questions from the Committee.

Motion: Trustee Franz made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Panicola seconded the motion.

All were in favor. Motion carried.

Bollinger, Lach: Village Manager, Evan Summers, presented a Resolution Authorizing the Execution of an Engineering Services Agreement with Bollinger, Lach & Associates for the Church Rd TAP-TCM Project (Grove to IL-19) in the Not-to-Exceed Amount of $115,720.01.

There were no questions from the Committee.

Motion: Trustee Lomax made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Franz seconded the motion.

All were in favor. Motion carried.

Globe Construction: Village Manager, Evan Summers, presented a Resolution Authorizing the Execution of a Contract with Globe Construction Inc. of Addison, IL for the 2018 MFT Sidewalk Removal & Replacement Program in the not-to-exceed amount of $40,000.00.

There were no questions from the Committee.

DRAFT

Motion: Trustee Panicola made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Carmona seconded the motion.

All were in favor. Motion carried.

MCI: Village Manager, Evan Summers, presented a Resolution Authorizing the Execution of a License Agreement with MCI metro Access Transmission Services Corp., d/b/a Verizon Access Transmission Services to install Telecommunications within the Village of Bensenville Right-of-Way.

There were no questions from the Committee.

Motion: Trustee Franz made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Carmona seconded the motion.

All were in favor. Motion carried.

Christopher B. Burke Engineering: Village Manager, Evan Summers, presented a Resolution Authorizing the Execution of a Design Engineering Services Contract for the White Pines Water Main Replacement Project with Christopher B. Burke Engineering, Ltd. in the Not-to-Exceed Amount of $437,323.26.

There were no questions from the Committee.

Motion: Trustee Lomax made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Franz seconded the motion.

All were in favor. Motion carried.

PACE: Village Manager, Evan Summers, presented a Resolution Authorizing the Execution of an Agreement with the Suburban Bus Division of the Regional Transportation Authority (PACE) for Participation in the Ride DuPage Program.

There were no questions from the Committee.

DRAFT

Motion: Trustee Franz made a motion to approve this item for placement on a future Village Board Meeting Agenda for action. Trustee Jaworska seconded the motion.

All were in favor. Motion carried.

Informational Items: There were no informational items.

Unfinished Business: There was no unfinished business.

Executive Session: Village Manager, Evan Summers, stated there was not a need for executive session.

ADJOURNMENT: Trustee Carmona made a motion to adjourn the meeting. Trustee Panicola seconded the motion.

All were in favor. Motion carried.

President DeSimone adjourned the meeting at 7:30 p.m.

DRAFT

Corey Williamsen
Deputy Village Clerk
PASSED AND APPROVED by the President and Board of Trustees of the Village of Bensenville this ___ day, September 2018

Exhibit A (2 Pages)

UNITED BUSINESS
612-782-2044

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Ordinance	K. Pozsgay	CED	09.18.18

DESCRIPTION:

Consideration of an Ordinance Approving a Preliminary and Final Planned Unit Development, Conditional Use Permit and Site Plan Review to Construct a Sports Complex for Grand County LLC, Located at 1050 S. County Line Road

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

X	*Financially Sound Village*	X	*Enrich the lives of Residents*
	Quality Customer Oriented Services	X	*Major Business/Corporate Center*
X	*Safe and Beautiful Village*	X	*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
Committee of the Whole	09.18.18

BACKGROUND:

1. The Petitioner is applying for a Planned Unit Development (PUD), Conditional Use Permit and Site Plan Review to operate a Sports Complex at the vacant property north of the hotels at Grand Ave and County Line Rd.
2. The plan calls for an enclosed 108,088 square foot sports dome and two turf fields totaling over 180,000 square feet.
3. They also propose 344 parking spaces (132 9-foot stalls, 204 10-foot stalls, and 8 accessible).
4. They are proposing to reduce the number landscape islands in the parking area and to not include standard curb and gutter.

KEY ISSUES:

1. Site Plan does not include parking lot curb and gutter according to Code.
2. A landscape plan was not submitted. Applicant is proposing to reduce parking lot landscaping.
3. No lighting plan was submitted. There are concerns about bleeding of light onto neighboring properties.
4. No sidewalks were shown on plan. Staff would like to see them installed connecting to the sites to the south and east.
5. A path connecting the owner's property to the east should include bike considerations that tie into the County Line Road bike path. Bike parking shall be included on site.

ALTERNATIVES:

Discretion of the Committee.

RECOMMENDATION:

1. Staff respectfully recommends the Approval of the Planned Unit Development, Conditional Use Permit and Site Plan for Sports Complex.
2. At the Public Hearing on September 4, 2018, the Community Development Commission voted unanimously (5-0) to recommend approval of the Requests with the conditions recommended (attached). Motion passed.

BUDGET IMPACT:

n/a

ACTION REQUIRED:

Approval of an Ordinance granting a Planned Unit Development, Conditional Use Permit and Site Plan (Sports Complex) for Grand County LLC at 1050 S. County Line Road.

ATTACHMENTS:

Description	Upload Date	Type
Aerial & Zoning Maps	8/29/2018	Backup Material
Legal Notice	8/29/2018	Backup Material
Application	8/29/2018	Backup Material
Staff Report	8/29/2018	Executive Summary
Site Improvement Plans	8/29/2018	Backup Material
Dome plans	9/11/2018	Backup Material
Plat of Survey	8/29/2018	Backup Material
Draft CDC Minutes	9/11/2018	Backup Material
Draft Ordinance	9/11/2018	Ordinance

CDC#2018 – 18

1050 County Line Road
Grand County Line LLC
Planned Unit Development, Conditional Use Permit; Recreational institutions, and **Site Plan Review**

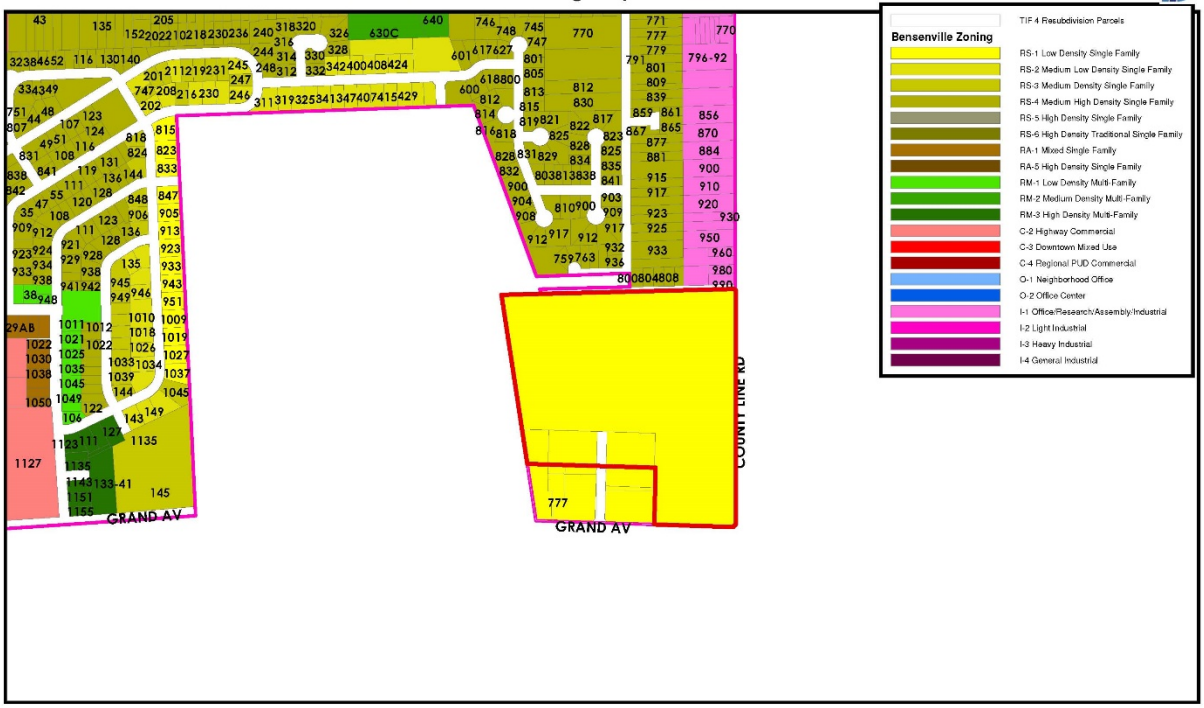
Village of Bensenville

PIN 03-25-200-008

Date: 7/13/2018

Village of Bensenville

Zoning Map



LEGAL NOTICE/PUBLIC NOTICE
NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that on Monday, September 4, 2018 at 6:30 P.M the Community Development Commission of the Village of Bensenville, Du Page and Cook Counties, will hold a Public Hearing to review case No. 2018 – 18 to consider a request to grant a Preliminary and Final Planned Unit Development, Conditional Use Permit and Site Plan Review to construct a sports complex with code deviations to Parking Lot Construction and Landscaping requirements, Municipal Code Sections 10 – 11 – 8 – 2 and 10 – 12 – 2 located at 1050 S County Line Road in an existing RS-1 Low Density Single-Family Residential District. The Public Hearing will be held in the Village Board Room at Village Hall, 12 S. Center Street, Bensenville, Illinois.

The Legal Description is as follows:

LOT 2 (EXCEPT THAT PART THEREOF LYING WITHIN THE RIPARIAN CONSERVATION EASEMENT SHOWN ON THE PLAT OF SEXTON PROPERTY REDEVELOPMENT AND ALSO EXCEPT THAT PART THEREOF LYING WEST OF THE RIPARIAN CONSERVATION EASEMENT AND SOUTH OF A LINE DESCRIBED BY BEGINNING AT A POINT ON THE WEST LINE OF SAID LOT 2 WHICH IS 943.30 FEET SOUTH OF THE NORTHWEST CORNER OF SAID LOT, AS MEASURED ALONG THE WEST LINE THEREOF; THENCE SOUTH 88 DEGREES 14 MINUTES 16 SECONDS EAST, PARALLEL WITH THE SOUTH LINE OF SAID LOT 2, 899.18 FEET; THENCE NORTH 01 DEGREES 45 MINUTES 44 SECONDS EAST 50.00 FEET; THENCE SOUTH 88 DEGREES 14 MINUTES 16 SECONDS EAST 56.37 FEET TO THE WEST LINE OF THE RIPARIAN CONSERVATION EASEMENT AND THE TERMINATION OF SAID LINE), ALL IN SEXTON PROPERTY REDEVELOPMENT, BEING A SUBDIVISION OF PART or THE NORTH EAST QUARTER OF SECTION 25, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 2, 2002 AS DOCUMENT NUMBER R 2002-198616, IN DUPAGE COUNTY, ILLINOIS.

Commonly referred to as 1050 S. County Line Road.

Grand County LLC of 165 W. Lake St., Northlake, IL 60164 are the owners and applicant for the subject property.

Any individual with a disability requiring a reasonable accommodation in order to participate in any public meeting held under the authority of the Village of Bensenville should contact the Village Clerk, Village of Bensenville, 12 S. Center St., Bensenville, Illinois 60106, (630) 766-8200, at least three (3) days in advance of the meeting.

Applicant's application and supporting documentation may be examined by any interested parties in the office of the Community and Economic Development Department, Monday through Friday, in the Village Hall, 12 South Center Street, Bensenville, IL 60106. All interested parties may attend and will be heard at the Public Hearing. Written comments will be accepted by the Community and Economic Development Department through September 4, 2018 until 5:00 P.M.

Office of the Village Clerk
Village of Bensenville

TO BE PUBLISHED IN THE BENSENVILLE INDEPENDENT,
August 16, 2018

RECEIVED
JUL 12 2018
By

For Office Use Only

Date of Submission: _____ MUNIS Account #: _____ CDC Case #: 2018-18

COMMUNITY DEVELOPMENT COMMISSION APPLICATION

Address: County Line Rd. Bensonville, IL 60106

Property Index Number(s) (PIN): 03-25-200-008

A. PROPERTY OWNER:

Name: _____ Corporation (if applicable): Grand County LLC

Street: 165 W Lake Street

City: Northlake State: IL Zip Code: 60164

Contact Person: GREG RZEDZIAN Telephone Number & Email Address: Greg@gotdlogistics.net 708-338-0303ext.32

If Owner is a Land Trust, list the names and addresses of the beneficiaries of the Trust.

Property Owner Signature: _____ Date: 7-6-18

Prop. Owner Sign. X _____ 7-6-18

B. APPLICANT: ☒ Check box if same as owner

Name: _____ Corporation (if applicable): _____

Street: _____

City: _____ State: _____ Zip Code: _____

Contact Person: _____ Telephone Number & Email Address: _____

Relationship of Applicant to subject property: _____

Applicant Signature: _____ Date: _____

C. ACTION REQUESTED (Check applicable):

- ☐ Annexation
- ☐ Conditional Use Permit
- ☐ Master Sign Plan
- ☐ Planned Unit Development**
- ☒ Plat of Subdivision
- ☒ Rezoning (Map Amendment)
- ☒ Site Plan Review
- ☐ Variance

*Item located within this application packet.
**See staff for additional information on PUD requests

SUBMITTAL REQUIREMENTS (1 original & 1 copy of each):

- ☐ Affidavit of Ownership* (signed/notarized)
- ☐ Application*
- ☐ Approval Criteria
- ☐ Legal Description of Property
- ☐ Plat of Survey
- ☐ Site Plan
- ☐ Building Plans & Elevations
- ☐ Engineering Plans
- ☐ Landscape Plan
- ☐ Review Fee (Application Fee + Escrow)
- ☐ Escrow agreement and deposit*
- ☐ Digital Submission of all application materials (CD)

Brief Description of Request(s): (Submit separate sheet if necessary)

REZONING AND SUBDIVISION OF THE SITE AND SITE PLAN APPROVAL FOR PROPOSED BENSENVILLE SPORTS COMPLEX

D. PROJECT DATA:

1. General description of the site: FORMER LANDFILL AND VACATED GOLF COURSE
2. Acreage of the site: 19.98 Building Size (if applicable): 108,345 S.F. DOME & 8,014 S.F. CLUBHOUSE
3. Is this property within the Village limits? (Check applicable below)
   - ✓ Yes
   - _____ No, requesting annexation
   - _____ No, it is under review by another governmental agency and requires review due to 1.5 mile jurisdiction requirements.
4. List any controlling agreements (annexation agreements, Village Ordinances, site plans, etc.)

   _____

5. Character of the site and surrounding area:

	Zoning	Existing Land Use	Jurisdiction
Site:	RS-1	VACANT	BENSENVILLE
North:	RS-4 & E-1	SINGLE FAMILY & OFFICE	BENSENVILLE
South:	RS-1	SINGLE FAMILY (HOTELS)	BENSENVILLE
East:	I-2	GENERAL INDUSTRIAL	FRANKLIN PARK
West:	R-3	SINGLE FAMILY (GOLF)	COOK COUNTY

E. DEVELOPER'S STAFF (if applicable):

ARCHITECT
Name: CHARLES SMITH ARETE DESIGN STUDIO, LTD.
Telephone: 815-485-7333
Email: CSMITH@ARETE-LTD.COM

ENGINEER
Name: IRENA WICZKOWSKI SPACECO, INC.
Telephone: 847-696-4060
Email: IWICZKOWSKI@SPACECOINC.COM

ATTORNEY
Name: GARY MUELLER GARY S. MUELLER & ASSOC.
Telephone: 815-725-7300
Email: GSM@MUELLAW.COM

OTHER
Name:
Telephone:
Email:

F. APPROVAL CRITERIA:

The applicant must compose a letter describing how the request(s) specifically meets the individual criteria from the Approval Criteria. The CDC will be unable to recommend approval of a request without a response to the pertinent "Approval Criteria."

STATE OF ILLINOIS)
)SS.
COUNTY OF DUPAGE AND COOK)

AFFIDAVIT OF OWNERSHIP

I Grzegorz Rzedzian the undersigned Affiant, being first duly sworn, on oath states:

1. That Affiant has personal knowledge of the representations and statements made herein, and has examined all necessary documents, records of ownership and such other information as is required to confirm the statements and representations herein;
2. That the owner(s) and contract purchaser(s), if any, as set forth on the Petition attached hereto is (are) the owner(s) of record and contract purchasers of said property;
3. That all consents to the attached Petition required of lenders or of others holding an interest in the property have been obtained;
4. This Affidavit of Ownership is given to induce the Village of Bensenville, without further inquiry as to ownership or purchase interest, to rely on said statements and representations and to process and set for Public Hearing the Petition as attached hereto; and,
5. Affiant is aware of and has been advised that any false statement set forth in this Affidavit of Ownership may subject Affiant to criminal sanctions for perjury, punishable as provided by the statutes of the State of Illinois in relation to the crime of perjury.

IN WITNESS WHEREOF, the undersigned has executed this Affidavit of Ownership this 6th day of, July, 2018.

Signature

SUBSCRIBED and **SWORN** to before me this 6th day of, July, 2018.

Notary Public

Official Seal
Irene Sierzega
Notary Public State of Illinois
My Commission Expires 01/18/2022

STATE OF ILLINOIS)
)SS.
COUNTY OF DUPAGE AND COOK)

AFFIDAVIT OF OWNERSHIP

I Tomasz Rzedzian the undersigned Affiant, being first duly sworn, on oath states:

1. That Affiant has personal knowledge of the representations and statements made herein, and has examined all necessary documents, records of ownership and such other information as is required to confirm the statements and representations herein;
2. That the owner(s) and contract purchaser(s), if any, as set forth on the Petition attached hereto is (are) the owner(s) of record and contract purchasers of said property;
3. That all consents to the attached Petition required of lenders or of others holding an interest in the property have been obtained;
4. This Affidavit of Ownership is given to induce the Village of Bensenville, without further inquiry as to ownership or purchase interest, to rely on said statements and representations and to process and set for Public Hearing the Petition as attached hereto; and,
5. Affiant is aware of and has been advised that any false statement set forth in this Affidavit of Ownership may subject Affiant to criminal sanctions for perjury, punishable as provided by the statutes of the State of Illinois in relation to the crime of perjury.

IN WITNESS WHEREOF, the undersigned has executed this Affidavit of Ownership this 10th day of, July 2018.

Signature

SUBSCRIBED and **SWORN** to before me this 10th day of, July, 2018.

Irene Sierzega
Notary Public

Official Seal
Irene Sierzega
Notary Public State of Illinois
My Commission Expires 01/18/2022

For Office Use Only

DATE: _____ MUNIS Acct. #_____ CDC Case #: _____

REVIEW ESCROW/REIMBURSMENT OF FEES

1. OWNER Tomasz Rzedzian - President of Grand County LLC

Name: Grzegorz Rzedzian - President of Grand County LLC

Address: 165 W. Lake Street, Northlake, IL 60164

Telephone: 708-338-0303 ext. 322 Email: greg@gotologistics.net

If Owner is a Land Trust, the names and addresses of the beneficiaries of the Trust

2. APPLICANT

Name: same as above

Address:

Telephone: Email:

3. LOCATION OF PROPERTY

Address: County Line Rd. Bensonville, IL 60106

Acreage:

Property Index Number (s): 03-25-200-008

4. LEGAL DESCRIPTION.

(Please attach as "Exhibit A")

REIMBURSEMENT OF FEES

Should the Village, in its sole and exclusive discretion, determine that it is necessary or desirable for the Village to obtain professional services, including, but not limited to, attorneys, engineers, planners, architects, surveyors, court reporters, traffic, appraisers, environmental, drainage or other consultants, including full and/or part time site inspection services during the actual construction of any required improvements, and/or to incur costs related to any required notices or recordations, in connection with any Petition or Application filed by the Petitioner/Applicant, a copy of which is attached hereto and incorporated herein as Exhibit B, then the Petitioner/Applicant and Owner shall be jointly and severally liable for the payment of such professional fees and costs, as shall actually be incurred by the Village, plus an additional ten percent (10%) to cover the Village's administrative expenses.

The President and Board of Trustees and/or Village Administrator are hereby authorized to assign the afore described services to the Village staff or to consultants, as they deem appropriate. When the Village staff render any services contemplated by this Agreement, then in such case the Village shall be reimbursed for its cost incurred in providing said services. Said reimbursement shall be at the rate of fifty dollars ($50.00) per hour, plus an additional ten percent (10%) to cover the Village's administrative expenses.

At the time the Petitioner/Applicant requests action from the Village, he shall deposit the following amounts with the Village as an initial deposit to collateralize the obligation for payment of such fees and expenses:

Number of Review Items	< 5 acres	5≤15 acres	16≤75 acres	>75 acres
1	$1,000	$2,000	$3,000	$4,000
2 to 3	$2,000	$4,000	$5,000	$7,000
≥ 4	$3,000	$5,000	$7,000	$10,000

The Village shall deduct the incurred expenditures and costs from the funds deposited. If the remaining deposit balance falls below $500.00, the Petitioner/Applicant, upon notice by the Village, shall be required to replenish the deposit to its original amount. The Village shall send the Petitioner/Applicant regular invoices for the fees and costs incurred. The Petitioner/Applicant shall replenish the deposit amount within fifteen (15) days of receipt of an invoice directing the replenishment of said deposit. Failure to remit payment within fifteen (15) days will cause all reviews to cease.

A Petitioner/Applicant who withdraws his Petition or Application may apply in writing to the Village Clerk for a refund of his initial deposit. The Village Manager may, in his discretion, approve such refund less any actual fees and costs, which the Village has already paid or incurred relative to the Petition or Application.

Upon the failure of the Petitioner/Applicant or Owner to reimburse the Village in accordance with this Agreement, no further action shall be undertaken on any Petition or Application by the Village President and Board of Trustees, or by any other official or quasi-official individual or body

thereunder, including the conduct of any hearings or deliberations, the granting of any relief or approvals, and the execution or recording of any documents, until all such outstanding fees are paid in full and/or the initial deposit is restored to its full amount. Further, the Village may deny any application for a grading, building or other permit if such amounts have not been paid in full. Upon any failure to reimburse the Village in accordance with this Section, the Village may in its discretion, apply any or all of the initial deposit to

the outstanding balance due and/or elect to place a lien against any real property associated with the Petitioner/Applicant's Petition or Application. In the event such amounts are not paid in full within sixty (60) days after the date when the statement of such amounts due is delivered or deposited in the U.S. mail by the Village, such amounts due shall be deemed delinquent and thereafter a delinquency charge of one percent (1%) per month, or portion thereof, with a minimum delinquency charge of $5.00 per month, shall be added to the amount due until such amount due, including all delinquency charges, is received by the Village. Said lien shall be in an amount equal to the outstanding amount owed to the Village.

The remedies available to the Village as set forth hereinabove are non-exclusive and nothing herein shall be deemed to limit or waive the Village's right to seek relief of such fees against any or all responsible parties in a court of competent jurisdiction.

Any remaining balance of any funds deposited pursuant to this Agreement shall be refunded at such time as the Village accepts all required improvements within the development, pursuant to any improvement agreement executed in connection with the development of the real property associated with Petitioner's/Applicant's Petition or Application. In the event that no improvements are required, any such balance shall be refunded upon the later occurring of the following events: completion of Village deliberation on the petition or application, recordation of all necessary documents associated with the petition or application, or issuance of a building permit upon the real property in question.

BY SIGNING BELOW, THE PETITIONER/APPLICANT AND OWNER ACKNOWLEDGE THAT EACH OF THEM HAS READ THE FOREGOING PARAGRAPHS AND EACH OF THEM FULLY UNDERSTANDS AND AGREES TO COMPLY WITH THE TERMS SET FORTH HEREIN. FURTHER, BY SIGNING BELOW, EACH SIGNATORY WARRANTS THAT HE/SHE/IT POSSESSES FULL AUTHORITY TO SO SIGN.

THE PETITIONER/APPLICANT AND OWNER AGREE THAT PETITIONER/APPLICANT AND OWNER SHALL BE JOINTLY AND SEVERALLY LIABLE FOR PAYMENT OF FEES REFERRED TO IN APPLICABLE SECTIONS OF THE ORDINANCES OF THE VILLAGE OF BENSENVILLE, AND AS SET FORTH HEREIN.

Village of BENSENVILLE

By: _____
Village Administrator

_____
Attest

_____
Date

_____
Petitioner/Applicant Grzegorz Rzedzian

_____
Owner Grzegorz Rzedzian

7/6/18
_____
Date

_____
Applicant - Tomasz Rzedzian

OWNER'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF DU PAGE)

This is to certify that the undersigned is the legal owner of the land described on the attached plat, and has caused the same to be surveyed and subdivided as indicated thereon for the uses and purposes therein set forth.

Dated this_day of_, 20_.
6th day of July 2018

By: _____
Grzegorz Rzedzian
Owner/Owners

NOTARY'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF DU PAGE)

I hereby certify that the persons whose names are subscribed to the foregoing certificate be known to me as such owners. Given under my hand and Notarial Seal this day of , 20 .
6th day of July 2018.

By:

Notary Public

My Commission Expires: Irene Sierzega

Official Seal
Irene Sierzega
Notary Public State of Illinois
My Commission Expires 01/18/2022

OWNER'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF DU PAGE)

This is to certify that the undersigned is the legal owner of the land described on the attached plat, and has caused the same to be surveyed and subdivided as indicated thereon for the uses and purposes therein set forth.

Dated this 10th day of July, 20 2018

By: _____
TOMASZ RZEDZIAN
Owner/Owners

NOTARY'S CERTIFICATE

STATE OF ILLINOIS)
) SS
COUNTY OF DU PAGE)

I hereby certify that the persons whose names are subscribed to the foregoing certificate be known to me as such owners. Given under my hand and Notarial Seal this day of 10th day of July 2018, 20

By: Irene Sierzega
Notary Public

My Commission Expires: _____

Official Seal
Irene Sierzega
Notary Public State of Illinois
My Commission Expires 01/18/2022

BENSENVILLE
COMMUNITY DEVELOPMENT COMMISION

STAFF REPORT

HEARING DATE:	September 4, 2018
CASE #:	2018 – 18
PROPERTY:	1050 S County Line Rd
PROPERTY OWNERS:	Grand County LLC
APPLICANT:	Same
SITE SIZE:	18 Acres
BUILDING SIZE:	108,088 SF dome
PIN NUMBER:	03-25-200-008
ZONING:	RS-1 Low Density Single-Family Residential
REQUEST:	Preliminary and Final Planned Unit Development, Conditional Use Permit and Site Plan Review to construct a sports complex with code deviations to Parking Lot Construction and Landscaping requirements, Municipal Code Sections 10 – 11 – 8 – 2 and 10 – 12 – 2.

PUBLIC NOTICE:

1. A Legal Notice was published in the Bensenville Independent on Thursday March 30, 2017. A Certified copy of the Legal Notice is maintained in the CDC file and is available for viewing and inspection at the Community & Economic Development Department during regular business hours.
2. Village personnel posted two Notice of Public Hearing signs on the property, visible from the public way on March 28, 2017.
3. On March 30, 2017 Village personnel mailed from the Bensenville Post Office via First Class Mail a Notice of Public Hearing to taxpayers of record within 250' of the property in question. An Affidavit of Mailing executed by C & ED personnel and the list of recipients are maintained in the CDC file and are available for viewing and inspection at the Community & Economic Development department during regular business hours.

SUMMARY:

The Petitioner is applying for a Planned Unit Development (PUD), Conditional Use Permit and Site Plan Review to operate a Sports Complex at the vacant property north of the hotels at Grand Ave and County Line Rd. The plan calls for an enclosed 108,088 square foot sports dome and two turf fields totaling over 180,000 square feet. They also propose 344 parking spaces (132 9-foot stalls, 204 10-foot stalls, and 8 accessible). They are proposing to reduce the number landscape islands in the parking area and to not include standard curb and gutter.

SURROUNDING LAND USES:

	Zoning	Land Use	Comprehensive Plan	Jurisdiction
Site	RS – 1	Residential	Single Family Residential	Village of Bensenville
North	RS – 4	Residential	Single Family Residential	Village of Bensenville
South	RS – 1	Residential	Regional Commercial	Village of Bensenville
East	RS – 1	Residential	Regional Commercial	Village of Bensenville
West	OSP	Golf Course	n/a	Addison Township

DEPARTMENT COMMENTS:

S*UPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:*

X	Financially Sound Village
	Quality Customer Oriented Services
X	Safe and Beautiful Village
X	Enrich the lives of Residents
X	Major Business/Corporate Center
X	Vibrant Major Corridors

Finance:
All current.

Police:
No police issues.

Engineering and Public Works:
Public Works:
No comments.

Engineering:
The Engineering Division within Public Works Department received the following material on July 6, 2018.

- 4 copies of Engineering Site Plans (15-sheets) titled "Site Improvements for Bensenville Sports Complex, Bensenville, IL" dated 6-22-18 prepared by Spaceco, Inc of Rosemont, IL
- Stormwater Report, titled "Site Improvements for Bensenville Sports Complex, Bensenville, IL" dated June 2018 prepared by Spaceco, Inc of Rosemont, IL

The following review comments are regarding general civil site improvements. Four revised set of plans, engineer's estimate for entire civil site improvements along with a disposition of comment letter shall be submitted to us for further review and/or approval.

The Stormwater portion of the review for this project is provided by the Village's consultant Christopher B. Burke Engineering LTD (CBBEL) under separate comment letter. Provide a separate disposition of comment letter for their review comments.

Sheet C1

1. Please provide a permit box for all required permit for this project. The permits required are IEPA NOI, IEPA NOT, DuPage SMC (18-05-0006), IEPA-Water IEPA-San, and Bensenville Building permit.

Sheet C2

1. Please remove the typical HMA pavement and typical sidewalk detail and replace with standard Village details. Both are available on the Village website.
2. Please provide a conversion factor from NGVD 29 to NAVD 88 datum.

Sheet ET

1. It is my understanding; the development to the south has revised its plans that abut the south property line of the Sports complex site. Please incorporate the latest changes into the existing conditions.

Sheet GM1

1. The entire outside perimeter of the parking lot as well as islands within the parking lot shall be equipped with C&G. The drive aisle around the dome shall also be equipped with C&G.
2. Proposed depressed curb in front the clubhouse leading to the handicap parking spaces shall be equipped with ADA detectable warning tiles.
3. The development to the south is installing sidewalk along the east side to its north property line. This sidewalk shall be extended all the way to the northern parking lot limits along the east side between the parking lot and proposed soccer fields.
4. The development to the south is installing sidewalk along the west side to its north property line. This sidewalk shall also be extended to the western parking lot limits along the south perimeter of the parking lot. A crosswalk shall be provided just north of the property line connecting the aforementioned sidewalks.
5. The handicap fine shall be $350. Please update the sign details.
6. The Village code (10-12-2C) requires parking lot landscape islands every 15 spaces. Please incorporate islands into the design.
7. Please indicate if the parking lot and/or the soccer fields will be have lights. If so, provide the locations of the lights as well as lighting plan and photometric calculations.
8. PCC pavement shall be installed in front of the dumpster enclosure. At a minimum, it should span the length and width of a typical garbage truck.

Sheet UT1

1. Proposed sanitary service coming out of the building into the inspection manhole has invert difference of 23-inches, which is barely under the requirement for a drop manhole connection. I recommend lowering this pipe segment or increasing the slope. The entire run of sanitary on this property will be a private service.

2. Due to the previous use of the site, I would recommend using AWWA C-900 PVC pipe for the proposed watermain with two-tracer wires (5 o'clock and 11 o'clock) position. The entire run of watermain on this property will be a private service.
3. The plan depicts tying into the existing watermain being installed as part of the adjacent development. For pressure testing reason, a new valve in vault may be required at the south end of the proposed water service for this development.

Sheet D1

1. Include VOB-Sidewalk detail, available on the website.

Community & Economic Development**:**
Economic Development:

1. Supportive of the proposed PUD and Conditional Use Permit.
2. The proposed sports complex will continue the development of TIF 4, increasing increment and allowing for future projects.
3. The sports complex not only will create jobs for local residents, but also will act as an economic multiplier for other local businesses.
4. Complexes such as the one proposed bring in a large number of outside users who in turn will patronize Bensenville restaurants, stores, and hotels.

Code Compliance:
No comments at this time.

Building:
No comments at this time.

Planning:
Background

1) Current zoning is RS - 1 Low Density Single Family.
2) The subject property is part of the old Legends golf course site. A priority redevelopment for the Village, TIF 4 was created to help incentivize development. To date, two hotels have been built to the south.

Site Plan

1) The site plan is only for the portion of the site west of the creek, north of the hotel properties.
2) The site is accessed via a new right of way to be developed by the hotel property owner.
3) Final street name shall be determined by the Village.
4) The large sports dome will be on western portion of the site.
5) Two outdoor turf soccer fields will be on the eastern portion of the site.
6) Staff would like to see a detailed lighting plan. Does the applicant intend to light the outdoor sports fields? The parking lot? Every effort should be made to minimize light bleeding onto neighbor properties. Field lights should be turned off when not in use.
7) Current site plan indicates a stepped walkway to the bridge across the creek. With plans to develop a bike bath along County Line Road, applicant to find a way to connect to path.
8) Deviations from the code include:
    1) Parking lot landscape islands. Applicant is proposing to eliminate all landscape islands to maximize parking.

2) Parking lot construction. Applicant is proposing to eliminate curb and gutter.

9) Staff does feel either of these deviations are completely necessary. Staff would like to see some revised plans to include something closer to what code requires.

Other:

1) Does applicant intend to host major events/tournaments?
    a. Events shouldn't last later than 10:00pm.
    b. No tailgating or alcoholic beverages allowed in the parking area.

The review and recommendation of the Planned Unit Development and Conditional Use Permit should be determined by the "Approval Criteria" found in the Village's Zoning Ordinance. The applicant has submitted commentary on these Approval Criteria. The applicant's comments are attached to the application. Staff generally concurs with the applicant's submitted statements and also offers the following Findings of Fact for the Community Development Commission's review.

APPROVAL PROCESS AND CRITERIA:

The Community Development Commission shall review the Planned Unit Development using the following criteria:

1. **Superior Design:** The PUD represents a more creative approach to the unified planning of development and incorporates a higher standard of integrated design and amenity than could be achieved under otherwise applicable regulations, and solely on this basis modifications to such regulations are warranted.

   Applicant's Response: The PUD represents a more creative approach and incorporates a higher standard of integrated design and amenity than could be achieved under otherwise applicable regulations. The PUD will enhance the character of the site and provide the flexibility for the proposed development.

2. **Meet PUD Requirements:** The PUD meets the requirements for planned unit developments set forth in this Title, and no modifications to the use and design standards otherwise applicable are allowed other than those permitted herein.

   Applicant's Response: The PUD meets the requirements for planned unit developments set forth in this Title.

3. **Consistent with Village Plan:** The PUD is generally consistent with the objectives of the Village general development plan as viewed in light of any changed conditions since its adoption.

   Applicant's Response: The proposed development will be consistent with the Village's plan to convert the site from a vacant golf course to an amenity that will attract people within Bensenville as well as surrounding communities.

4. **Public Welfare:** The PUD will not be detrimental to the public health, safety or general welfare.

Applicant's Response: The proposed PUD will not be detrimental to the public health, safety or general welfare.

5. **Compatible with Environs:** Neither the PUD nor any portion thereof will be injurious to the use and enjoyment of other properties in its vicinity, seriously impair property values or environmental quality in the neighborhood, nor impede the orderly development of surrounding property.

   Applicant's Response: The PUD will not be injurious to the use and enjoyment of other properties in its vicinity. The PUD compliments the hotel, restaurant and retail developments currently proposed to the South. The PUD will not impair property values or environmental quality in the neighborhood.

6. **Natural Features:** The design of the PUD is as consistent as practical with preservation of any natural features such as flood plains, wooded areas, natural drainage-ways or other areas of sensitive or valuable environmental character.

   Applicant's Response: The design is as consistent as practical with preservation of any natural features. Addison Creek follows the North and East sides of the property. Native plantings are proposed around the perimeter of the development as well as in the bottom of the proposed detention basins to provide a naturalized concept and provide stormwater benefits.

7. **Circulation:** Streets, sidewalks, pedestrian-ways, bicycle paths and off-street parking and loading are provided as appropriate to planned land uses. They are adequate in location, size, capacity and design to ensure safe and efficient circulation of automobiles, trucks, bicycles, pedestrians, fire trucks, garbage trucks and snow plows, as appropriate, without blocking traffic, creating unnecessary pedestrian-vehicular conflict, creating unnecessary through traffic within the PUD or unduly interfering with the safety or capacity of adjacent streets.

   Applicant's Response: Off-street parking and pedestrian sidewalks are provided for the improvements and will be adequate for the proposed land use.

8. **Open Spaces and Landscaping:** The quality and quantity of common open spaces or landscaping provided are consistent with the higher standards of design and amenity required of a PUD. The size, shape and location of a substantial portion of any common open space provided in residential areas render it usable for recreation purposes.

   Applicant's Response: The proposed use is for sports and recreation and a landscape plan will be prepared for the remaining open spaces. The quantity of open space for the proposed PUD is significant.

9. **Covenants:** Adequate provision has been made in the form of deed restrictions, homeowners or condominium associations or the like for:
   a. The presentation and regular maintenance of any open spaces, thoroughfares, utilities, water retention or detention areas and other common elements not to be dedicated to the Village or to another public body.

b. Such control of the use and exterior design of individual structures, if any, as is necessary for continuing conformance to the PUD plan, such provision to be binding on all future ownerships.

Applicant's Response: As applicable, appropriate provisions will be prepared which will cover maintenance of the common elements as well as control of the use and exterior design of individual structures.

10. Public Services: The land uses, intensities and phasing of the PUD are consistent with the anticipated ability of the Village, the school system and other public bodies to provide and economically support police and fire protection, water supply, sewage disposal, schools and other public facilities and services without placing undue burden on existing residents and businesses.

    Applicant's Response: It is anticipated that the land use is consistent with the anticipated ability of the Village as well as other public bodies, facilities and services. No undue burden on existing residents and businesses is anticipated.

11. **Phasing**: Each development phase of the PUD can, together with any phases that preceded it, exist as an independent unit that meets all of the foregoing criteria and all other applicable regulations herein even if no subsequent phase should ever be completed.

    Applicant's Response: Currently the project is not split into construction phases. If the project is later split into phases, each phase will be able to exist independently.

	Meets Criteria	
Planned Unit Development Approval Criteria	Yes	No
1. Superior Design	X	
2. Meets PUD Requirements	X	
3. Consistent With Village Plans	X	
4. Public Welfare	X	
5. Compatible With Environs	X	
6. Natural Features	X	
7. Circulation	X	
8. Open Space & Landscaping	X	
9. Covenants	X	
10. Public Services	X	
11. Phasing	X	

RECOMMENDATIONS:

Staff recommends the Approval of the above Findings of Fact and therefore the Approval of the PUD for Grand County LLC with the following conditions:

1. Developed in accordance with the plans prepared by SpaceCo dated 06.22.2018 last.
2. Site Plan to be revised to include parking lot curb and gutter according to code.
3. A full landscaping plan to be submitted and approved by staff to include increased parking lot landscaping and additional perimeter landscaping.

4. Phasing / Timing. Final plans must be submitted within 12 months of preliminary approval. A development schedule should be submitted to staff at that time.
5. A parking lot and outdoor sport fields lighting plan should be submitted for review, to include no bleeding of light onto neighboring properties.
6. Sidewalks will be installed connecting to the sites to the south and east.
7. A path connecting the owner's property to the east should include bike considerations that tie into the County Line Road bike path. Bike parking shall be included on site.

Respectfully Submitted,
Department of Community
& Economic Development

SITE IS A FORMER LANDFILL AND SOIL SETTLEMENT IS EXPECTED. CONTRACTOR SHALL BE FAMILIAR WITH THE ENVIRONMENTAL AND GEOTECHNICAL REPORTS FOR THE SITE AS WELL AS ANY RECOMMENDATIONS CONTAINED WITHIN.

SITE IMPROVEMENT PLANS
for
BENSENVILLE SPORTS COMPLEX

BENSENVILLE, ILLINOIS
PROJECT NO:5472.06

OWNER
GO 2 LOGISTICS, INC.
165 W. LAKE STREET
NORTHLAKE, ILLINOIS 60164
(708) 338-0303

CALL J.U.L.I.E. 1–800–892–0123
WITH THE FOLLOWING:
COUNTY DUPAGE
CITY, TOWNSHIP BENSENVILLE
SEC. & ¼ SEC. NO. S25, T40N, R11E

48 HOURS BEFORE YOU DIG.
EXCLUDING SAT., SUN. & HOLIDAYS

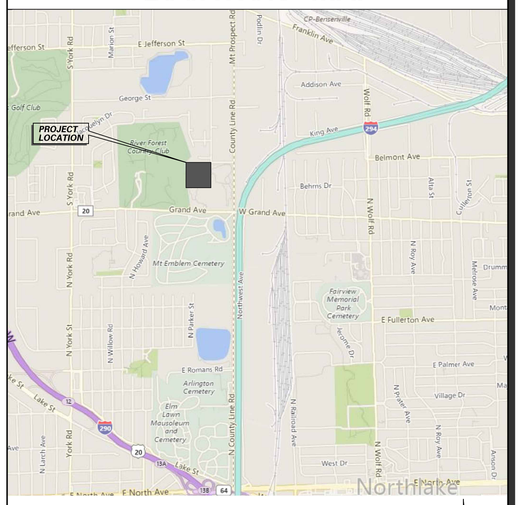
BENCHMARK
ELEVATION:
DESCRIPTION: SEE SHEET GN FOR BENCHMARK INFORMATION

NOTE:
SPACECO, INC. IS TO BE NOTIFIED AT LEAST THREE (3) DAYS PRIOR TO STARTING CONSTRUCTION AND SHALL BE INCLUDED IN THE PRECONSTRUCTION MEETINGS

INDEX

SHEET #	SHEET I.D.	SHEET DESCRIPTION
1	C1	COVER SHEET
2	GN	TYPICAL SECTIONS & GENERAL NOTES
3	ET	EXISTING CONDITIONS PLAN
4	DEMO1	GEOMETRIC PLAN
5	GM1	GEOMETRIC PLAN
6-7	GR1-GR2	GRADING PLAN
8	UT1	UTILITY PLAN
9	PP1	PLAN & PROFILE - SANITARY SEWER
10-12	SE1-SE3	SOIL EROSION AND SEDIMENT CONTROL PLAN
13	SPEC	SPECIFICATIONS
14-15	D1-D2	DETAILS

LOCATION MAP



N.T.S.

REVISIONS

ORIGINAL PLAN DATE: JUNE 22, 2018

#	SHEET #	REMARKS	DATE

ENGINEER
IRENA H. WICZKOWSKI, P.E.
06-22-18
DATE

ILLINOIS REGISTRATION NO.: 062-053246
EXPIRATION DATE: 11/30/2019

PROFESSIONAL DESIGN FIRM NO.: 184-001157
EXPIRATION DATE: 04/30/2019

THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT THE SIGNATURE , SEAL, AND EXPIRATION DATE OF SEAL OF THE ENGINEER

LICENSED PROFESSIONAL ENGINEER IRENA H. WICZKOWSKI NO. 062-053246 ILLINOIS

BENSENVILLE SPORTS COMPLEX

9575 W. Higgins Road, Suite 700, Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS

SPACECO INC.

FILENAME: 5472.06TITLE.dgn
DATE: 06/22/18
JOB NO. 5472.06
SHEET C1
1 OF 15

N:\Projects\5472\5472.06\ENG\5472.06TITLE.dgn Default User=sjohnson

GENERAL NOTES

1. REFERENCED CODES

A. ALL PAVEMENT AND STORM SEWER CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC), AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS; ADOPTED APRIL 1, 2016 BY ILLINOIS DEPARTMENT OF TRANSPORTATION AND ALL AMENDMENTS THERETO; AND IN ACCORDANCE WITH THE LATEST EDITION OF THE CODE OF THE MUNICIPALITY; EXCEPT AS MODIFIED HEREIN. IN CASE OF CONFLICT, MUNICIPAL CODE SHALL TAKE PRECEDENCE.

B. ALL SANITARY SEWER AND WATERMAIN CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, PUBLISHED JANUARY 2014, AND IN ACCORDANCE WITH THE CODE OF THE MUNICIPALITY; EXCEPT AS MODIFIED HEREIN OR BY ANY PUBLIC AGENCY PERMITS ISSUED FOR THIS WORK. IN CASE OF CONFLICT, THE MORE RESTRICTIVE PROVISIONS SHALL APPLY.

C. ALL SIDEWALK AND PUBLIC AREAS MUST BE CONSTRUCTED IN ACCORDANCE WITH CURRENT ADA, ILLINOIS HANDICAP ACCESSIBILITY AND ANY APPLICABLE LOCAL ORDINANCES. WHEN CONFLICTS EXIST BETWEEN THE GOVERNING AGENCIES, THE MORE STRINGENT SHALL GOVERN.

D. THE CITED STANDARD SPECIFICATIONS, CODES AND PERMITS, WITH THESE CONSTRUCTION PLANS AND DETAILS, ARE ALL TO BE CONSIDERED PART OF THE CONTRACT. INCIDENTAL ITEMS OR ACCESSORIES NECESSARY TO COMPLETE THIS WORK MAY NOT BE SPECIFICALLY NOTED BUT ARE CONSIDERED A PART OF THIS CONTRACT.

2. UTILITY LOCATIONS

A. THE UTILITY COMPANIES HAVE BEEN CONTACTED IN REFERENCE TO UTILITIES THEY OWN AND OPERATE WITHIN THE LIMITS FOR THIS PROJECT. DATA FROM THESE AGENCIES HAS BEEN INCORPORATED INTO THE PLANS. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM OR ESTABLISH THE EXISTENCE OF ALL UTILITY FACILITIES AND THEIR EXACT LOCATIONS, AND TO SAFELY SCHEDULE ALL UTILITY RELOCATIONS. FOR ADDITIONAL INFORMATION, THE AGENCIES LISTED ON THIS SHEET MAY BE CONTACTED.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 AND THE MUNICIPALITY, FOR UTILITY LOCATIONS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AND THE MUNICIPALITY TWENTY-FOUR (24) HOURS PRIOR TO STARTING ANY CONSTRUCTION.

C. EASEMENTS FOR THE EXISTING UTILITIES, BOTH PUBLIC AND PRIVATE, AND UTILITIES WITHIN PUBLIC RIGHTS-OF-WAY ARE SHOWN ON THE PLANS ACCORDING TO AVAILABLE RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION IN THE FIELD OF THESE UTILITY LINES AND THEIR PROTECTION FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. IF EXISTING UTILITY LINES OF ANY NATURE ARE ENCOUNTERED WHICH CONFLICT WITH LOCATIONS OF THE NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.

3. UTILITY COORDINATION

A. OWNER SHALL OBTAIN EASEMENTS AND PERMITS NECESSARY TO FACILITATE CONSTRUCTION OF THE PROPOSED UTILITIES. THE CONTRACTOR, HOWEVER, SHALL FURNISH ALL REQUIRED BONDS AND EVIDENCE OF INSURANCE NECESSARY TO SECURE THESE PERMITS.

B. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE NATURE AND STATUS OF ALL UTILITY RELOCATION WORK PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT CONSTRUCTION OPERATIONS DO NOT INTERFERE WITH UTILITY FACILITIES AND RELOCATION WORK. THE SCHEDULE SHOULD REFLECT CONSTRUCTION SEQUENCING WHICH COORDINATES WITH ALL UTILITY RELOCATION WORK. THE CONTRACTOR SHALL BE REQUIRED TO ADJUST THE ORDER OF ITS WORK FROM TIME TO TIME, TO COORDINATE SAME WITH UTILITY RELOCATION WORK, AND SHALL PREPARE REVISED SCHEDULE(S) IN COMPLIANCE THEREWITH AS DIRECTED BY THE OWNER.

C. THE OWNER AND THE ENGINEER SHALL BE NOTIFIED IN WRITING BY THE CONTRACTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY OPERATION REQUIRING COOPERATION WITH OTHERS. AT&T SHALL BE CONTACTED ONE MONTH PRIOR TO START OF CONSTRUCTION IN ITS UTILITY AREAS. ALL OTHER AGENCIES, UNLESS OTHERWISE NOTED, SHALL BE NOTIFIED IN WRITING BY THE CONTRACTOR TEN (10) DAYS PRIOR TO THE START OF ANY SUCH OPERATION.

4. NO PLAN SHALL BE USED FOR CONSTRUCTION UNLESS SPECIFICALLY MARKED "FOR CONSTRUCTION". PRIOR TO COMMENCEMENT OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THE WORK WITH THE ACTUAL CONDITIONS AT THE JOB SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES WITH WHAT IS SHOWN ON THE CONSTRUCTION PLANS, HE MUST IMMEDIATELY REPORT SAME TO ENGINEER BEFORE DOING ANY WORK, OTHERWISE THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, SPECIFICATIONS AND/OR SPECIAL DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTION FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY OMISSIONS OR DISCREPANCIES. FAILING TO SECURE SUCH INSTRUCTION, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTIONS ARISING WITH RESPECT TO THE TRUE MEANING OF THE CONSTRUCTION PLANS OR SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL AND CONCLUSIVE.

5. ALL PROPOSED ELEVATIONS SHOWN ON THE PLANS ARE FINISHED SURFACE ELEVATIONS, UNLESS OTHERWISE SPECIFIED.

6. UPON AWARDING OF THE CONTRACT, AND WHEN REQUIRED BY THE MUNICIPALITY OR OWNER, THE CONTRACTOR SHALL FURNISH A LABOR, MATERIAL AND PERFORMANCE BOND IN THE AMOUNT REQUIRED GUARANTEEING COMPLETION OF THE WORK. THE UNDERWRITER SHALL BE ACCEPTABLE TO THE MUNICIPALITY OR OWNER, AS APPROPRIATE.

7. THE CONTRACTORS SHALL PLAN THEIR WORK BASED ON THEIR OWN BORINGS, EXPLORATIONS AND OBSERVATIONS TO DETERMINE SOIL CONDITIONS AT THE LOCATION OF THE PROPOSED WORK. HOWEVER, IF THE OWNER HAS A SOILS REPORT, THE RESULTS WILL BE AVAILABLE FROM THE OWNER UPON WRITTEN REQUEST.

8. CONTRACTOR SHALL VIDEO TAPE WORK AREA PRIOR TO CONSTRUCTION FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS.

9. COMMENCING CONSTRUCTION

A. THE CONTRACTOR SHALL NOTIFY THE OWNER AND/OR HIS REPRESENTATIVE AND THE AFFECTED GOVERNMENTAL AGENCIES IN WRITING AT LEAST THREE FULL WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL NOTIFY AS NECESSARY, ALL TESTING AGENCIES, EITHER MUNICIPALITY'S OR THE OWNER'S, SUFFICIENTLY IN ADVANCE OF CONSTRUCTION. ALL MATERIAL TESTING SHALL BE THE RESPONSIBILITY AND EXPENSE OF THE CONTRACTOR. THE TESTING AGENCY SHALL MEET THE APPROVAL OF THE OWNER.

B. FAILURE OF CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING COMPANIES TO BE UNABLE TO VISIT SITE AND PERFORM TESTING WILL CAUSE CONTRACTOR TO SUSPEND OPERATION (PERTAINING TO TESTING) UNTIL TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. COST OF SUSPENSION OF WORK TO BE BORNE BY CONTRACTOR.

10. ALL CONTRACTORS SHALL KEEP ACCESS AVAILABLE AT ALL TIMES FOR ALL TYPES OF TRAFFIC. AT NO TIME SHALL ACCESS BE DENIED TO ADJACENT PROPERTIES.

11. THE CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES UNTIL THEY ARE NO LONGER NEEDED. ANY STAKES DESTROYED OR DISTURBED BY THE CONTRACTOR PRIOR TO THEIR USE SHALL BE RESET BY THE DEVELOPER'S ENGINEER AT CONTRACTOR'S COST.

12. ANY EXISTING SIGNS, LIGHT STANDARDS AND UTILITY POLES WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND NOT NOTED FOR DISPOSAL SHALL BE REMOVED AND RESET BY THE CONTRACTOR AT HIS OWN EXPENSE AS SHOWN ON THE ENGINEERING PLANS OR AS DIRECTED BY THE DEVELOPER. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE TO THE SATISFACTION OF THE OWNER. ANY SIGNS NOT REQUIRED TO BE RESET, SHALL BE DELIVERED TO THE RESPECTIVE OWNERS.

13. REMOVAL OF SPECIFIED ITEMS, INCLUDING BUT NOT LIMITED TO, PAVEMENT, SIDEWALK, CURB, CURB AND GUTTER, CULVERTS, ETC. SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE. HE IS RESPONSIBLE FOR ANY PERMIT REQUIRED FOR SUCH DISPOSAL.

14. ALL FIELD TILE ENCOUNTERED DURING CONSTRUCTION OPERATIONS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM OR SHALL BE RESTORED TO PROPER OPERATING CONDITION. A RECORD OF THE LOCATION OF ALL FIELD TILE OR DRAIN PIPE ENCOUNTERED SHALL BE KEPT BY THE CONTRACTOR AND TURNED OVER TO THE ENGINEER, DEVELOPER OR MUNICIPAL ENGINEER UPON COMPLETION OF THE PROJECT. THE COST OF THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

15. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ON THE JOB.

16. THE CONTRACTOR SHALL COLLECT AND REMOVE ALL CONSTRUCTION DEBRIS, EXCESS MATERIALS, TRASH, OIL AND GREASE RESIDUE, MACHINERY, TOOLS AND OTHER MISCELLANEOUS ITEMS WHICH WERE NOT PRESENT PRIOR TO PROJECT COMMENCEMENT AT NO ADDITIONAL EXPENSE TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY AND ALL PERMITS NECESSARY FOR THE HAULING AND DISPOSAL REQUIRED FOR CLEAN-UP AS DIRECTED BY THE ENGINEER OR OWNER. BURNING ON THE SITE IS NOT PERMITTED.

17. ALL EXISTING UTILITIES OR IMPROVEMENTS, INCLUDING WALKS, CURBS, PAVEMENT AND PARKWAYS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE PROMPTLY RESTORED TO THEIR RESPECTIVE ORIGINAL CONDITION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNLESS SPECIFICALLY NOTED ON THE PLANS.

18. TREES NOT MARKED FOR REMOVAL SHALL BE CONSIDERED AS DESIGNATED TO BE SAVED AND SHALL BE PROTECTED UNDER THE PROVISIONS OF (SSRBC) ARTICLE 201.05.

19. LIMB PRUNING SHALL BE PERFORMED UNDER THE SUPERVISION OF THE LANDSCAPE ARCHITECT MEETING THE OWNER'S APPROVAL AND SHALL BE UNDERTAKEN IN A TIMELY FASHION SO AS NOT TO INTERFERE WITH CONSTRUCTION.

20. ALL LIMBS, BRANCHES, AND OTHER DEBRIS RESULTING FROM THIS WORK SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR AT HIS OWN EXPENSE OFF-SITE.

21. ALL CUTS OVER 1" IN DIAMETER SHALL BE MADE FLUSH WITH THE NEXT LARGE BRANCH. WOUNDS OVER 1" IN DIAMETER SHALL BE PAINTED WITH AN APPROVED TREE PAINT.

22. GENERAL EXCAVATION/UNDERGROUND NOTES

A. SLOPE SIDES OF EXCAVATIONS TO COMPLY WITH CODES AND ORDINANCES HAVING JURISDICTION. SHORE AND BRACE WHERE SLOPING IS NOT POSSIBLE EITHER BECAUSE OF SPACE RESTRICTIONS OR STABILITY OF MATERIAL EXCAVATED. MAINTAIN SIDES AND SLOPES OF EXCAVATIONS IN A SAFE CONDITION UNTIL COMPLETION OF BACKFILLING.

B. PROVIDE MATERIALS FOR SHORING AND BRACING, SUCH AS SHEET PILING, UPRIGHTS, STRINGERS AND CROSS BRACES, IN GOOD SERVICEABLE CONDITION. PROVIDE MINIMUM REQUIREMENTS FOR TRENCH SHORING AND BRACING TO COMPLY WITH CODES AND AUTHORITIES HAVING JURISDICTION. MAINTAIN SHORING AND BRACING IN EXCAVATIONS REGARDLESS OF TIME PERIOD EXCAVATIONS WILL BE OPEN. CARRY DOWN SHORING AND BRACING AS EXCAVATION PROGRESSES IN ACCORDANCE WITH OSHA AND GOVERNING AUTHORITY.

C. PREVENT SURFACE WATER AND SUBSURFACE OR GROUNDWATER FROM FLOWING INTO EXCAVATIONS. REMOVE WATER TO PREVENT SOFTENING OF FOUNDATION BOTTOMS, UNDERCUTTING FOOTINGS, AND SOIL CHANGES DETRIMENTAL TO STABILITY OF SUBGRADES AND FOUNDATIONS. PROVIDE AND MAINTAIN PUMPS, SUMPS, SUCTION AND DISCHARGE LINES AND OTHER DEWATERING SYSTEM COMPONENTS NECESSARY TO CONVEY WATER AWAY FROM EXCAVATIONS. CONVEY WATER REMOVED FROM EXCAVATIONS AND RAINWATER TO COLLECTING OR RUN-OFF AREAS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. PROVIDE AND MAINTAIN TEMPORARY DRAINAGE DITCHES AND OTHER DIVERSIONS OUTSIDE EXCAVATION LIMITS FOR EACH STRUCTURE. DO NOT USE TRENCH EXCAVATIONS AS TEMPORARY DRAINAGE DITCHES.

D. IMMEDIATELY REPORT CONDITIONS THAT MAY CAUSE UNSOUND BEARING TO THE OWNER/DEVELOPER BEFORE CONTINUING WORK.

23. FINAL ACCEPTANCE

A. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE GUARANTEED BY THE CONTRACTOR AND HIS SURETY FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT AND THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DEFECTS IN MATERIALS AND WORKMANSHIP OF WHATEVER NATURE DURING THAT PERIOD. THIS GUARANTEE SHALL BE PROVIDED IN THE FORM OF MAINTENANCE BOND IN THE AMOUNT OF 10% OF THE COST OF IMPROVEMENTS.

B. BEFORE ACCEPTANCE BY THE OWNER AND FINAL PAYMENT, ALL WORK SHALL BE INSPECTED BY THE OWNER OR HIS REPRESENTATIVE. FINAL PAYMENT WILL BE MADE AFTER ALL THE CONTRACTOR'S WORK HAS BEEN APPROVED AND ACCEPTED.

C. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE MUNICIPALITY. APPROVAL TO PROCEED MUST BE OBTAINED FROM THE MUNICIPALITY PRIOR TO INSTALLING PAVEMENT BASE, BINDER, SURFACE, AND PRIOR TO PLACING ANY CONCRETE AFTER FORMS HAVE BEEN SET.

D. AT THE CLOSE OF EACH WORKING DAY AND AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES AND FLOW LINES SHALL BE FREE FROM DIRT AND DEBRIS.

24. UNDERGROUND NOTES

A. UNDERGROUND WORK SHALL INCLUDE TRENCHING, INSTALLATION OF PIPE, CASTINGS, STRUCTURES, BACKFILLING OF TRENCHES AND COMPACTION AND TESTING AS SHOWN ON THE CONSTRUCTION PLANS. FITTINGS AND ACCESSORIES NECESSARY TO COMPLETE THE WORK MAY NOT BE SPECIFIED, BUT SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE CONTRACT.

B. WHERE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER, EXISTING DRAINAGE STRUCTURES AND SYSTEMS SHALL BE CLEANED OF DEBRIS AND PATCHED AS NECESSARY TO ASSURE INTEGRITY OF THE STRUCTURE. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STRUCTURES AND CONTRACT UNIT PRICE PER LINEAL FOOT FOR SYSTEMS WHICH SHALL BE PAYMENT IN FULL FOR CLEANING, PATCHING, REMOVAL AND DISPOSAL OF DEBRIS AND DIRT. DRAINAGE STRUCTURES AND SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS EXPENSE. NO PAYMENT WILL BE MADE FOR CLEANING STRUCTURES OR SYSTEMS CONSTRUCTED AS PART OF THIS PROJECT.

C. ANY DEWATERING OF SEWER AND WATER TRENCHES AS WELL AS TEMPORARY SHEETING OR BRACING THAT MAY BE REQUIRED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL NOT BE CONSIDERED EXTRA WORK UNLESS THERE IS A SPECIFIC LINE ITEM FOR DEWATERING. IN THE EVENT THAT SOFT MATERIALS WITH UNCONFINED COMPRESSIVE STRENGTH LESS THAN 0.5 TSF ARE ENCOUNTERED IN SEWER CONSTRUCTION, THE CONTRACTOR SHALL (UPON APPROVAL OF THE OWNER AND/OR ENGINEER) OVER-EXCAVATE TO A DEPTH OF ONE (1) FOOT BELOW THE BOTTOM OF THE PIPE AND BACKFILL WITH COMPACTED CRUSHED STONE, PROPERLY FORMED TO FIT THE BOTTOM OF THE PIPE.

D. TRENCH BACKFILL WILL BE REQUIRED FOR THE FULL TRENCH DEPTH WITHIN TWO (2) FEET OF PROPOSED OR EXISTING PAVEMENTS, UTILITIES, DRIVEWAYS, AND SIDEWALKS AND EXTENDING A DISTANCE EQUAL TO A 1:1 SLOPE FROM SUBGRADE ELEVATION TO TOP OF PIPE. THE TRENCH BACKFILL SHALL CONSIST OF GRANULAR MATERIAL MEETING IDOT CA-6 GRADATION. THE TRENCH BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH (SSRBC) SPECIFICATIONS. JETTING WITH WATER SHALL NOT BE PERMITTED. THE COST OF SUCH CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO THIS CONTRACT AND SHALL BE INCLUDED IN THE UNIT PRICE OF THE PIPE. NO SEPARATE PAYMENT SHALL BE MADE FOR THIS ITEM.

E. THE CONTRACTOR SHALL INSTALL A 4" X 4" X 8' (NOMINAL) POST AT THE TERMINUS OF THE SANITARY, WATER AND STORM SERVICE, SANITARY AND STORM MANHOLES, CATCH BASINS, INLETS AND WATER VAULTS. THE POST SHALL EXTEND 4' ABOVE THE GROUND. THE TOP 12" OF SAID POST SHALL BE PAINTED AS FOLLOWS: SANITARY - RED, WATERMAIN - BLUE, STORM - GREEN.

F. AFTER THE STORM SEWER SYSTEM HAS BEEN CONSTRUCTED, THE CONTRACTOR SHALL PLACE EROSION CONTROL AT REAR YARD INLET LOCATIONS, AND AT OTHER LOCATIONS SELECTED BY THE ENGINEER, TO MINIMIZE THE AMOUNT OF SILTATION WHICH NORMALLY WOULD ENTER THE STORM SEWER SYSTEM.

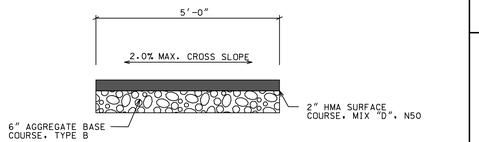
G. HYDRANTS SHALL NOT BE FLUSHED DIRECTLY ON THE ROAD SUBGRADES. WHENEVER POSSIBLE, HOSES SHALL BE USED TO DIRECT THE WATER INTO LOT AREAS OR THE STORM SEWER SYSTEM (IF AVAILABLE). DAMAGE TO THE ROAD SUBGRADE OR LOT GRADING DUE TO EXCESSIVE WATER SATURATION AND/OR EROSION FROM HYDRANT FLUSHING, OR FROM LEAKS IN THE WATER DISTRIBUTION SYSTEM, WILL BE REPAIRED BY THE CONTRACTOR AT HIS COST.

H. ALL TOP OF FRAMES FOR STORM AND SANITARY SEWERS AND VALVE VAULT COVERS ARE TO BE ADJUSTED TO MEET FINAL FINISH GRADE. THIS ADJUSTMENT IS TO BE MADE BY THE SEWER AND WATER CONTRACTOR AND THE COST IS TO BE CONSIDERED INCIDENTAL. THESE ADJUSTMENTS TO FINISHED GRADE WILL NOT ALLEVIATE THE CONTRACTOR FROM ANY ADDITIONAL ADJUSTMENTS AS REQUIRED BY THE MUNICIPALITY UPON FINAL INSPECTION OF THE PROJECT. (FINAL GRADES TO BE DETERMINED BY THE MUNICIPALITY AT THE TIME OF FINAL INSPECTION AND MAY VARY FROM PLAN GRADE.)

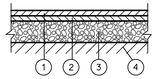
I. SLEEVES FOR UTILITY (COMED, TELEPHONE, ETC.) STREET CROSSING, SHALL BE INSTALLED WHERE DIRECTED BY THE OWNER. SLEEVES SHALL BE 6" PVC INSTALLED 36" BELOW THE TOP OF CURB AND EXTEND TWO FEET OUTSIDE THE CURB. TRENCH SHALL BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL.

J. THE CONTRACTOR SHALL VERIFY THE SIZE AND INVERT ELEVATION OF ALL CONNECTIONS TO AVOID ANY CONFLICTS BEFORE STARTING WORK. NOTIFY OWNER OF ANY DISCREPANCIES.

25. IT SHALL BE UNDERSTOOD THAT NEITHER THE MUNICIPALITY, ITS OFFICIALS, CONSULTANTS, NOR ITS EMPLOYEES ARE AGENTS OF OR REPRESENTATIVES OF THE OWNER. NONE-THE-LESS, THE MUNICIPALITY, ITS OFFICIALS AND EMPLOYEES ARE TO BE PROVIDED SAFE ACCESS TO ALL PHASES OF ALL WORK PERFORMED ON THE PROJECT SITE TO MONITOR THE QUALITY OF THE WORK AND ASSURE ITS CONFORMITY WITH THE PLANS AND SPECIFICATIONS. THERE SHALL BE NO PERSONAL LIABILITY UPON ANY OFFICIAL OR EMPLOYEE OF THE MUNICIPALITY ON ACCOUNT OF ACTIONS TAKEN OR NOT TAKEN IN THE COURSE OF THEIR WORK. THE CONTRACTOR MUST AT ALL TIMES MAINTAIN A SAFE ACCESS TO THE WORK FOR INSPECTORS. "SAFE": MEANING CONDITIONS COMPLYING WITH ALL PROVISIONS OF ALL APPLICABLE AND RECOGNIZED SAFETY STANDARDS, FEDERAL, STATE AND LOCAL. IF ACCESS IS NOT SAFE AND INSPECTIONS CANNOT BE MADE UNDER SAFE CONDITIONS, THE INSPECTOR CAN ORDER CESSATION OF THE WORK SO AFFECTED UNTIL SUCH TIME AS CONTRACTOR PROVIDES SAFE ACCESS.



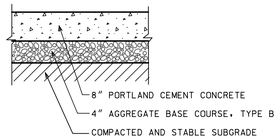
ASPHALT PATH DETAIL (TYP.)



TYPICAL HMA PAVEMENT SECTION

N.T.S.

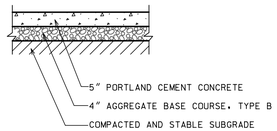
1. 2" HMA SURFACE COURSE, MIX "D", N50
2. 2" HMA LEVELING BINDER (MACHINE METHOD), N50
3. 10" AGGREGATE BASE COURSE, TYPE B
4. COMPACTED AND STABLE SUBGRADE



TYPICAL CONCRETE PAVEMENT SECTION

N.T.S.

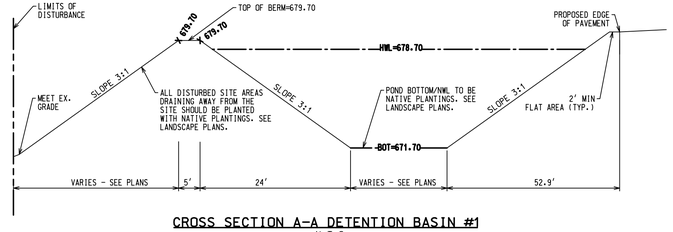
NOTE:
CONTRACTOR TO COORDINATE FINAL SECTION AND INSTALLATION REQUIREMENTS WITH STRUCTURAL DRAWINGS AND GEOTECHNICAL RECOMMENDATIONS PRIOR TO INSTALLATION.



TYPICAL SIDEWALK/PEDESTRIAN PATH SECTION

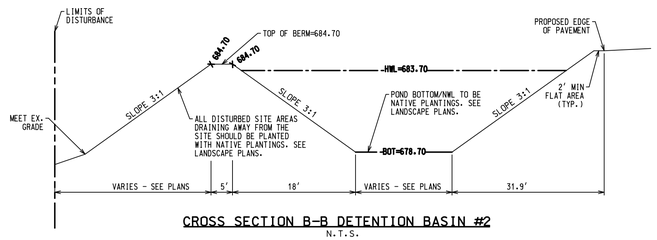
N.T.S.

NOTE:
CONTRACTOR TO COORDINATE FINAL SECTION AND INSTALLATION REQUIREMENTS WITH STRUCTURAL DRAWINGS AND GEOTECHNICAL RECOMMENDATIONS PRIOR TO INSTALLATION.



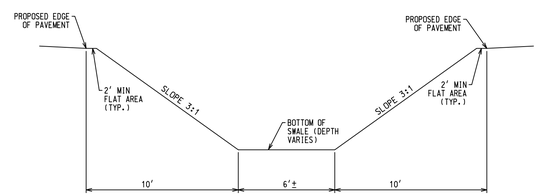
CROSS SECTION A-A DETENTION BASIN #1

N.T.S.



CROSS SECTION B-B DETENTION BASIN #2

N.T.S.



CROSS SECTION C-C ISLAND SWALE

N.T.S.

LEGEND

EXISTING	DESCRIPTION	PROPOSED
	DRAIN TILE	
	STORM SEWER	
	SANITARY SEWER	
	SANITARY TRUNK SEWER	
8"	WATER MAIN (WITH SIZE)	8"
	PIPE TRENCH BACKFILL	
G	GAS MAIN	G
T	TELEPHONE LINES	T
E	ELECTRIC LINE	E
	FENCE	
	RIGHT-OF-WAY	
	EASEMENT	
	PROPERTY LINE	
	SETBACK LINE	
	CENTERLINE	
680	CONTOUR	680
	SANITARY MANHOLE	
	STORM MANHOLE	
	CATCH BASIN	
	INLET	
	FIRE HYDRANT	
	PRESSURE CONNECTION	
	PIPE REDUCER	
	VALVE AND VAULT, VALVE	
	FLARED END SECTION	
	STREET LIGHT	
	UTILITY POLE	
	CONTROL POINT	
	SIGN	
XXX.XX	SPOT ELEVATION	XXX.XX
	SOIL BORING	
	OVERLAND FLOW ROUTE	
	DRAINAGE SLOPE	OR
	GUARDRAIL	
	WATER'S EDGE	
	CONCRETE	
	STANDARD PITCH CURB	
	TREE, FIR TREE, BUSH, & PROPOSED TREE TO REMOVE	

ABBREVIATIONS

M - STORM MANHOLE	I - INVERT OR INLET	T/P - TOP OF PIPE
S - SANITARY MANHOLE	TF - TOP OF FOUNDATION	B/P - BOTTOM OF PIPE
CB - CATCH BASIN	GF - GARAGE FLOOR	WM - WATERMAIN
LP - LIGHT POLE	TC - TOP OF CURB	SAN - SANITARY SEWER
VV - VALVE VAULT	TD - TOP OF DEPRESSED CURB	STM - STORM SEWER
E - END SECTION	TW - TOP OF RETAINING WALL	LO - LOOK OUT
FH - FIRE HYDRANT	BW - BOTTOM OF RETAINING WALL	PLO - PARTIAL LOOK OUT
GR - GRADE RING (HYDRANT)	OP - OUTLET OF PIPE	

BENCHMARK:
NGS MONUMENT CO064 1A. STATION DESCRIBED AS LOCATED APPROXIMATELY 1.8 MI SOUTHWEST OF ELMWOOD PARK IN THE CITY LIMITS OF MELROSE PARK IN SECTION 34, T42N, R12E. TO REACH FROM THE JUNCTION OF IL RT 64 AND US RT 12/45 PROCEED EAST ON RT 64 FOR 2.1 MI TO THE STATION LOCATED 25 FT NORTH OF THE BACK OF CURB ON WESTBOUND RT 64. STATION IS 0.1 MI EAST OF GEORGE ST AND 0.1 MI WEST OF 9TH AVE. STATION IS 138.4 FT EAST OF THE CENTERLINE OF VALUE CITY ENTRANCE, 66 FT NORTHEAST OF THE TRAFFIC SIGNAL POLE, 33.7 FT SOUTHWEST OF PK NAIL IN POWER POLE, 25 FT SOUTH OF BACK OF CURB OF BITUMINOUS PARKING LOT FOR CINEMARK THEATRE, 25 FT NORTHEAST OF A VALVE VAULT, 15 FT SOUTHEAST OF A MANHOLE, AND 33.7 FT SOUTHWEST OF AN ORANGE FIBERGLASS WITNESS POST.
ELEVATION = 631.30 NGVD 29 DATUM

NO.	DATE	REMARKS

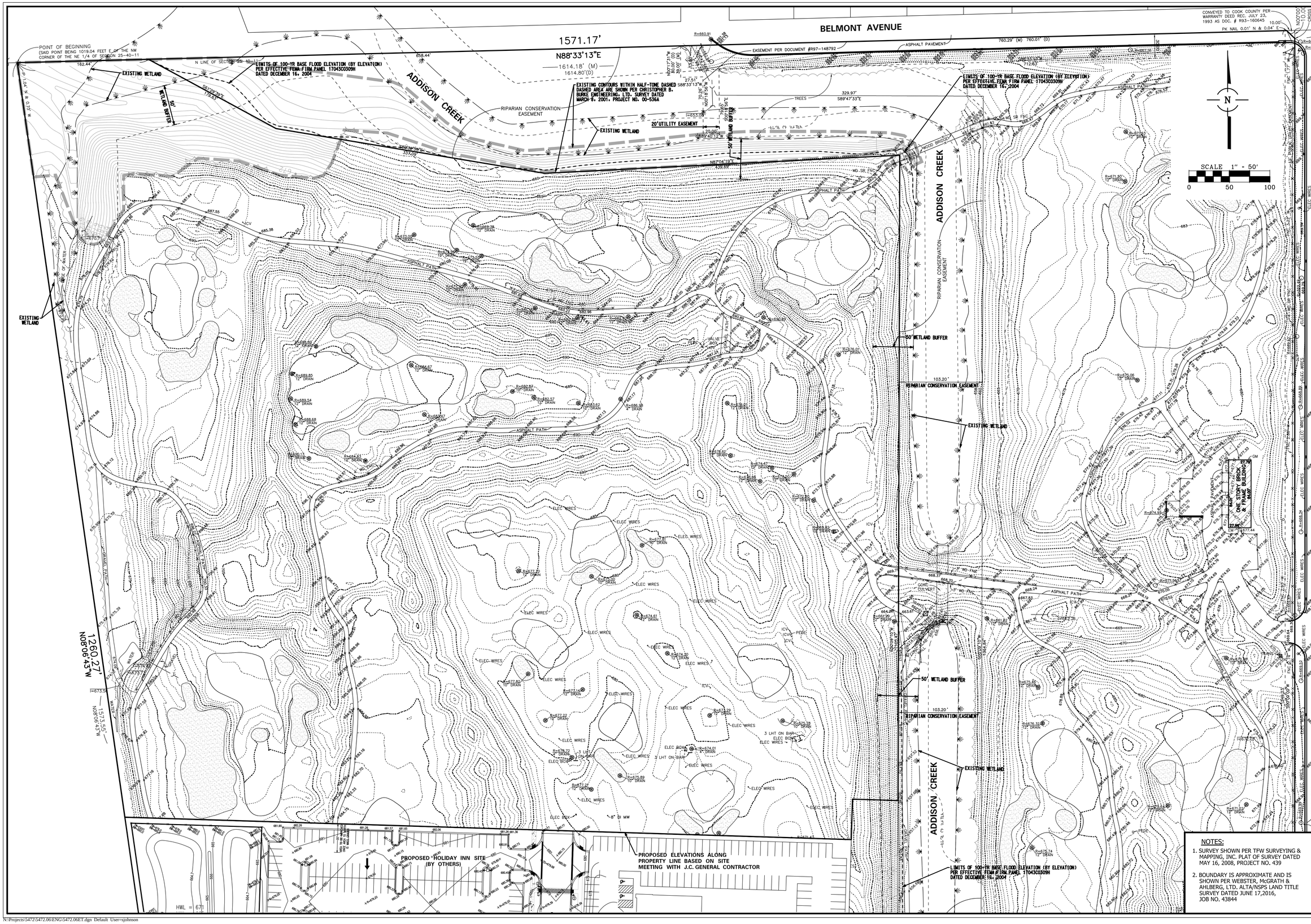
NO.	DATE	REMARKS

TYPICAL SECTIONS AND GENERAL NOTES

BENSENVILLE SPORTS COMPLEX
BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065
SPACECO INC.

FILENAME: 5472.06GN.dgn
DATE: 06/22/18
JOB NO. 5472.06
SHEET GN
2 OF 15



NOTES:

1. SURVEY SHOWN PER TFW SURVEYING & MAPPING, INC. PLAT OF SURVEY DATED MAY 16, 2008, PROJECT NO. 439
2. BOUNDARY IS APPROXIMATE AND IS SHOWN PER WEBSTER, McGRATH & AHLBERG, LTD. ALTA/NSPS LAND TITLE SURVEY DATED JUNE 17,2016, JOB NO. 43844

NO.	DATE	REMARKS

NO.	DATE	REMARKS

EXISTING CONDITIONS

BENSENVILLE SPORTS COMPLEX

BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS

9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065

SPACECO INC.

FILENAME: 5472.06ET.dgn

DATE: 06/22/18

JOB NO. 5472.06

SHEET **ET**

3 OF 15

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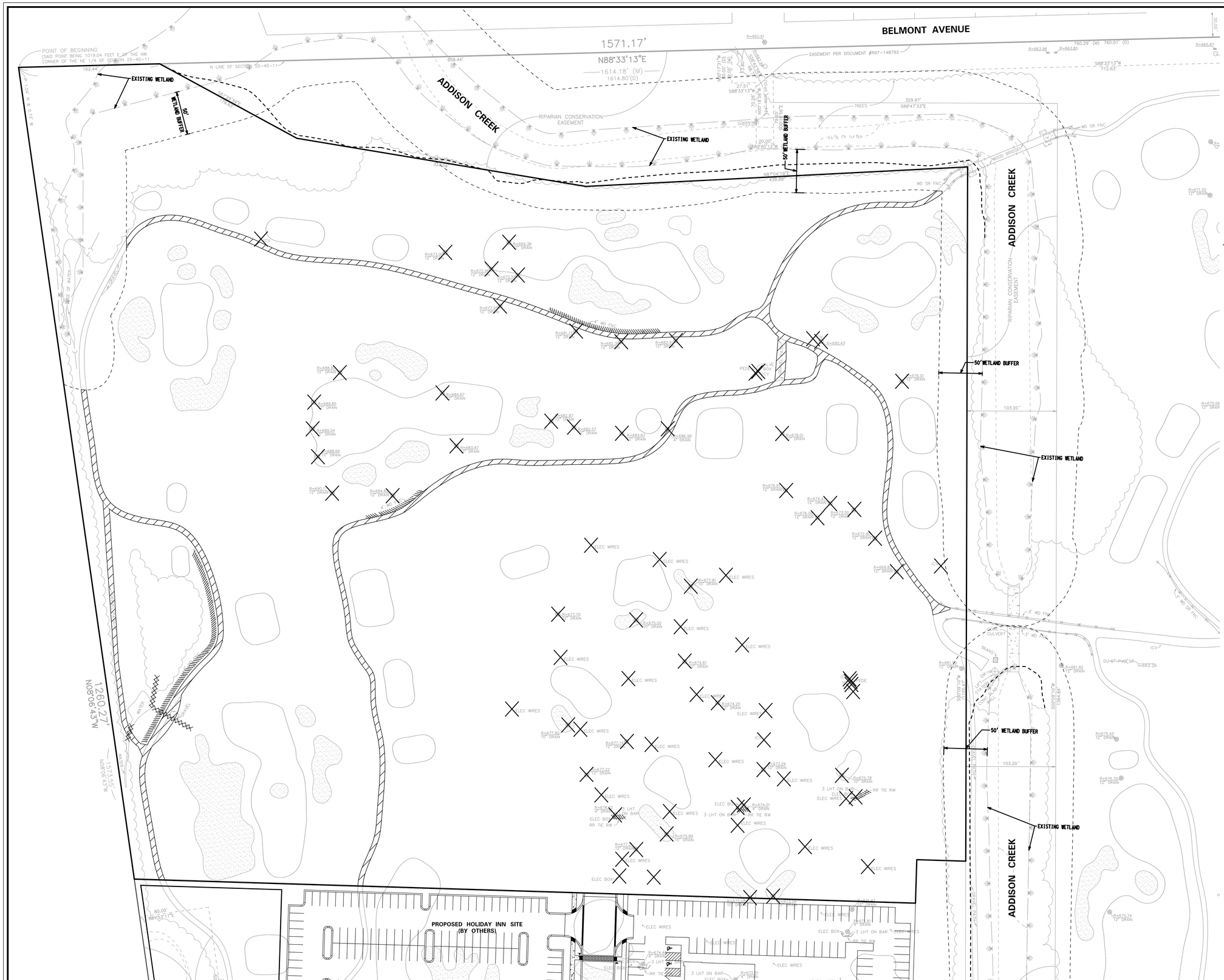

SITE IS A FORMER LANDFILL AND SOIL SETTLEMENT IS EXPECTED. CONTRACTOR SHALL BE FAMILIAR WITH THE ENVIRONMENTAL AND GEOTECHNICAL REPORTS FOR THE SITE AS WELL AS ANY RECOMMENDATIONS CONTAINED WITHIN.

N

SCALE 1" = 50'

0 50 100

LEGEND

- FENCE/RAILROAD TIE REMOVAL
- UNDERGROUND UTILITY REMOVAL/ABANDON
- GRAVEL PATH REMOVAL
- ELECTRICAL BOX/UTILITY STRUCTURE/ ELECTRICAL WIRES/ REMOVAL

NOTES:

1. ON-SITE TREES IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE REMOVED.
2. ALL ABANDONED SEWERS SHALL BE PLUGGED AT BOTH ENDS WITH A MINIMUM OF 2' LONG NON-SHRINK CONCRETE/MORTAR PLUGS.
3. 2' LONG NON-SHRINK CONCRETE/MORTAR PLUGS ARE REQUIRED AT MANHOLES WHERE SEWERS ARE REMOVED OR ABANDONED.

NO.	DATE	REMARKS

NO.	DATE	REMARKS

DEMOLITION PLAN

BENSENVILLE SPORTS COMPLEX
BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065
SPACECO INC.

FILENAME: 5472.06DEMO1.dgn

DATE: 06/22/18

JOB NO. 5472.06

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DEMO1
4 OF 15

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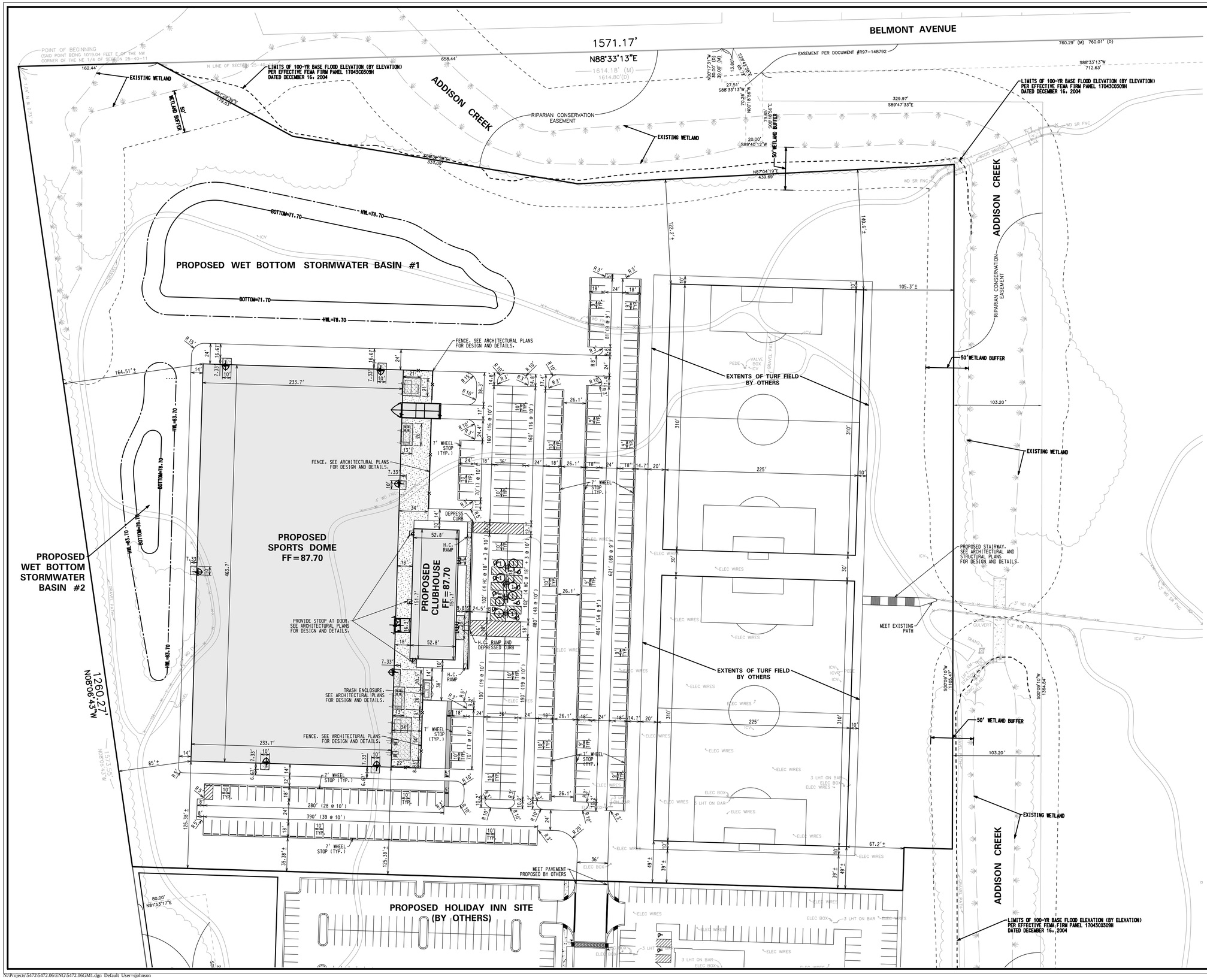

SITE IS A FORMER LANDFILL AND SOIL SETTLEMENT IS EXPECTED. CONTRACTOR SHALL BE FAMILIAR WITH THE ENVIRONMENTAL AND GEOTECHNICAL REPORTS FOR THE SITE AS WELL AS ANY RECOMMENDATIONS CONTAINED WITHIN.

N

SCALE 1" = 50'

0 50 100

NOTES:

1. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. ALL PAVEMENT MARKINGS SHALL BE PAINT.
3. ALL ACCESSIBLE PARKING SPACE SIGNAGE SHALL CONFORM TO ILLINOIS ACCESSIBILITY CODE.
4. SEE ARCHITECTURAL DRAWINGS FOR DESIGN AND DETAILS OF THE SPORTS DOME AND CLUBHOUSE.
5. SEE SHEET GN FOR TYPICAL PAVEMENT SECTIONS.
6. CONTRACTOR TO COORDINATE FINAL CONCRETE PAVEMENT/CURB, GUTTER/PAD SECTIONS AND FOUNDATION INSTALLATION REQUIREMENTS WITH STRUCTURAL DRAWINGS AND GEOTECHNICAL RECOMMENDATIONS PRIOR TO INSTALLATION.
7. FINAL DESIGN OF THE TURF FIELDS TO BE PROVIDED BY OTHERS.

LEGEND

- HMA PAVEMENT
- ASPHALT PATH
- CONCRETE PAVEMENT (SEE NOTE 6)
- CONCRETE SIDEWALK/PAD (SEE NOTE 6)
- CONCRETE SIDEWALK HC RAMP
- B-6.12 CURB & GUTTER (REVERSE PITCH)
- DEPRESSED CURB & GUTTER
- LIGHT POLE (SEE LIGHTING PLANS FOR DESIGN & DETAILS)

PARKING SUMMARY:

9' STALLS	=	132
10' STALLS	=	204
HANDICAP STALLS (18')	=	8
TOTAL STALLS PROVIDED	=	344

SIGN LEGEND:

1 RESERVED PARKING $250 FINE VAN ACCESSIBLE R7-8

NO.	DATE	REMARKS

NO.	DATE	REMARKS

GEOMETRIC PLAN

BENSENVILLE SPORTS COMPLEX

BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
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SPACECO INC.

FILENAME: 5472.06GM1.dgn

DATE: 06/22/18

JOB NO. 5472.06

SHEET GM1

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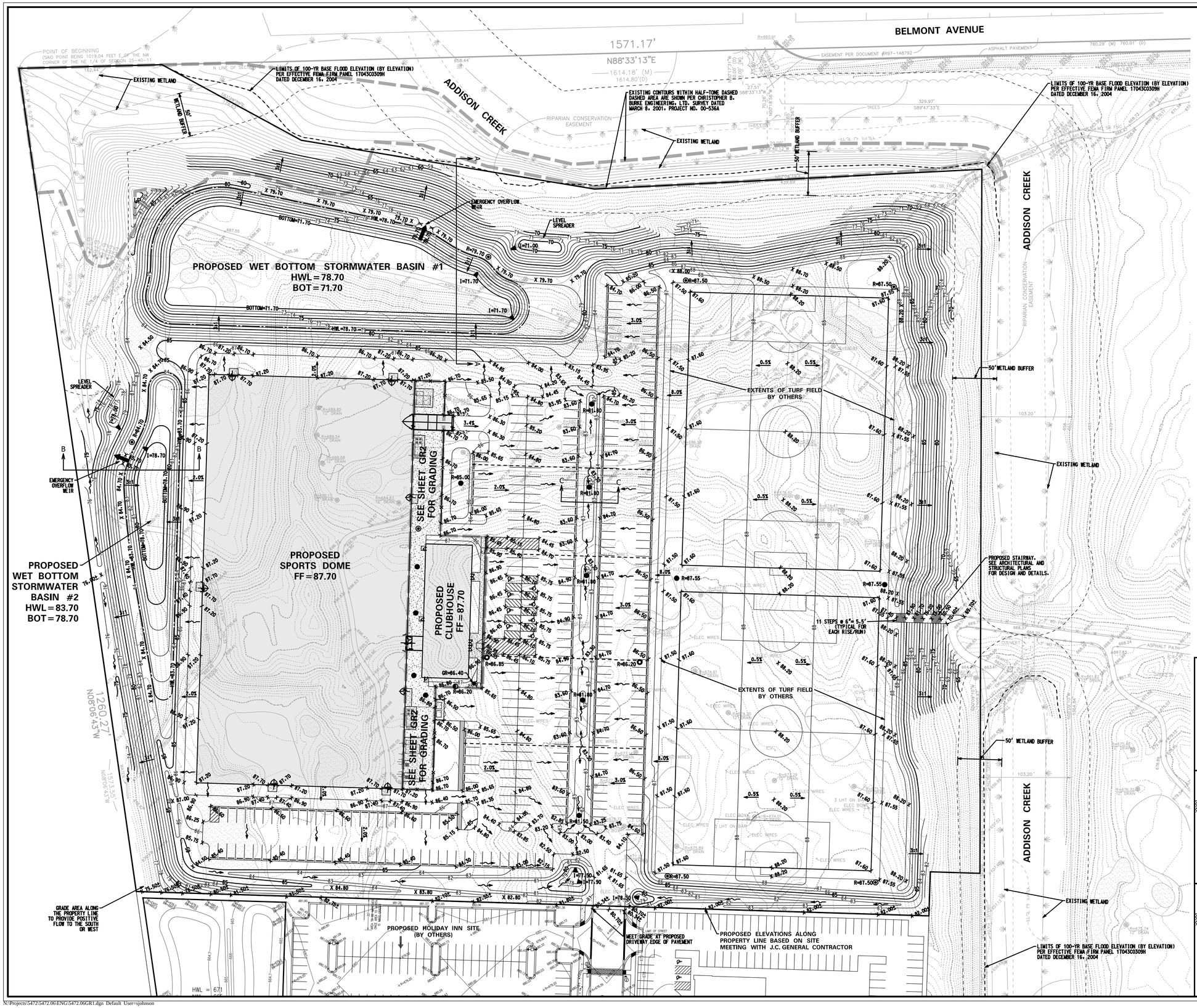


CAUTION: SITE IS A FORMER LANDFILL AND SOIL SETTLEMENT IS EXPECTED. CONTRACTOR SHALL BE FAMILIAR WITH THE ENVIRONMENTAL AND GEOTECHNICAL REPORTS FOR THE SITE AS WELL AS ANY RECOMMENDATIONS CONTAINED WITHIN.

N

SCALE 1" = 50'

0 50 100

NOTES:

1. ADD 600.00 TO ELEVATIONS SHOWN AS XX.XX.
2. ALL SPOT GRADES ALONG CURB LINE ARE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE. TOP OF CURB IS 0.52' HIGHER THAN THE EDGE OF PAVEMENT ELEVATION FOR REVERSE PITCH CURB.
3. ALL DISTURBED SITE AREAS DRAINING AWAY FROM THE SITE SHOULD BE PLANTED WITH NATIVE PLANTINGS.

STORMWATER SUMMARY

STORMWATER BASIN #1

VOLUME REQUIRED = 5.730 AC-FT
VOLUME PROVIDED = 6.757 AC-FT

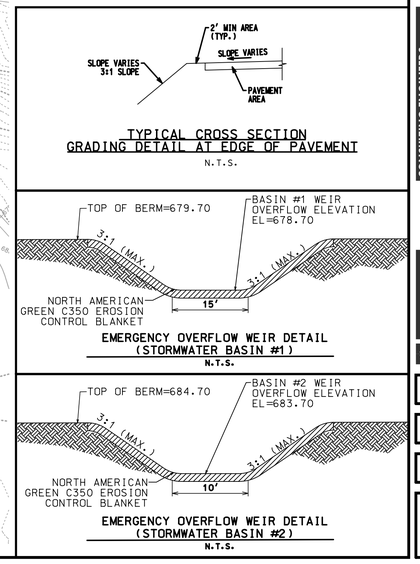
STORMWATER BASIN #2

VOLUME REQUIRED = 0.748 AC-FT
VOLUME PROVIDED = 1.085 AC-FT

TOTAL VOLUME PROVIDED = 7.842 AC-FT

LEGEND

F/F	FINISHED FLOOR
R=	RIM ELEVATION
GR=	GRADE RING
TD=	TOP OF DEPRESSED CURB
T/PAD=	TOP OF CONCRETE PAD
	FLOW DIRECTION
	DRAINAGE DIVIDE
x 000.00	SPOT GRADE(FINISHED ELEVATION)
	CONCRETE SIDEWALK HC RAMP
	B-6.12 CURB & GUTTER (REVERSE PITCH)
	DEPRESSED CURB & GUTTER



NO.	DATE	REMARKS

NO.	DATE	REMARKS

GRADING PLAN

BENSENVILLE SPORTS COMPLEX
BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
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FILENAME: 5472.06GR1.dgn

DATE: 06/22/18

JOB NO. 5472.06

SHEET GR1

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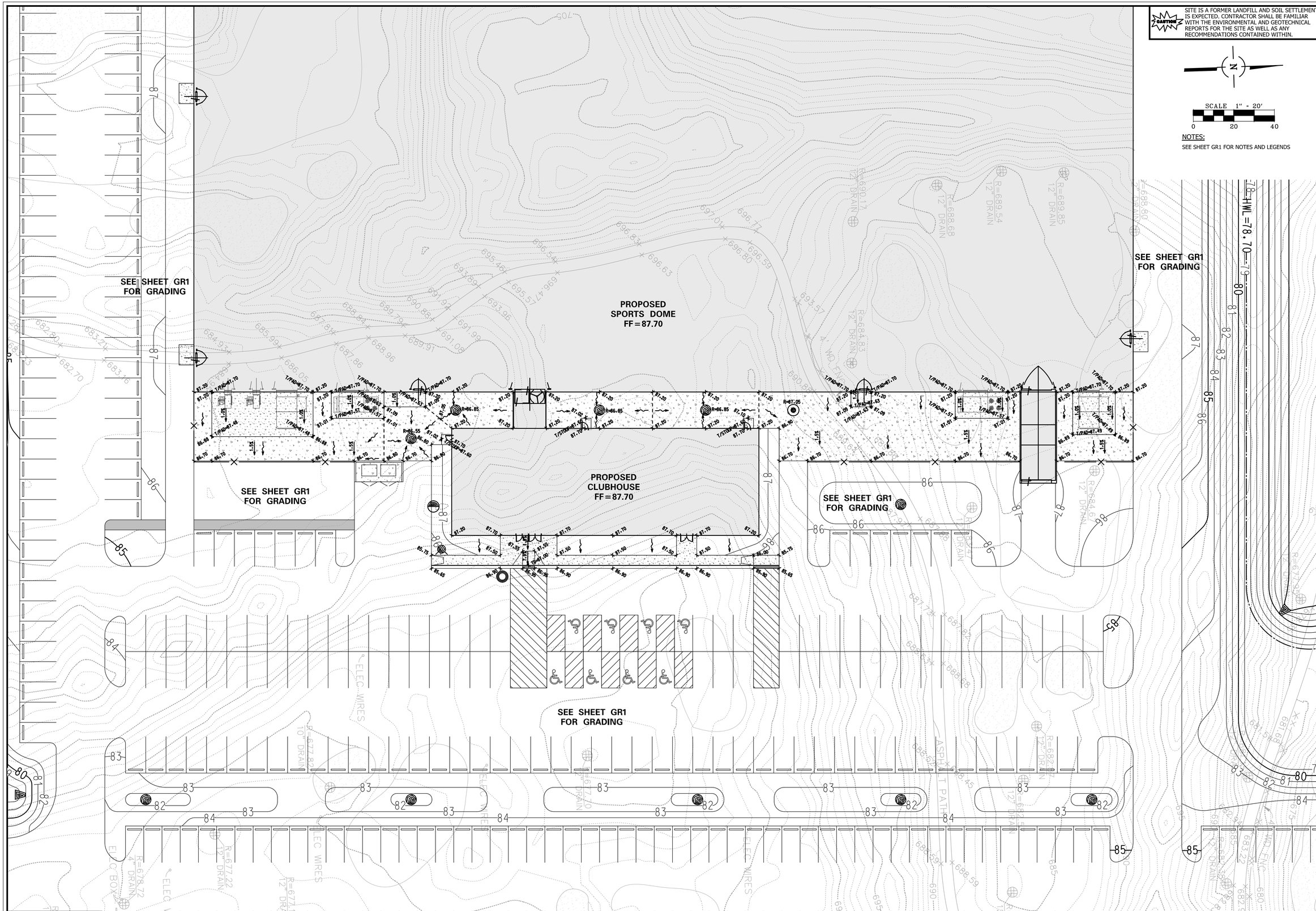
N

SCALE 1" = 20'

0 20 40

NOTES:

SEE SHEET GR1 FOR NOTES AND LEGENDS



NO.	DATE	REMARKS

NO.	DATE	REMARKS

GRADING PLAN - 2

BENSENVILLE SPORTS COMPLEX
BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
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SPACECO INC.

FILENAME: 5472.06GR2.dgn

DATE: 06/22/18

JOB NO. 5472.06

SHEET GR2

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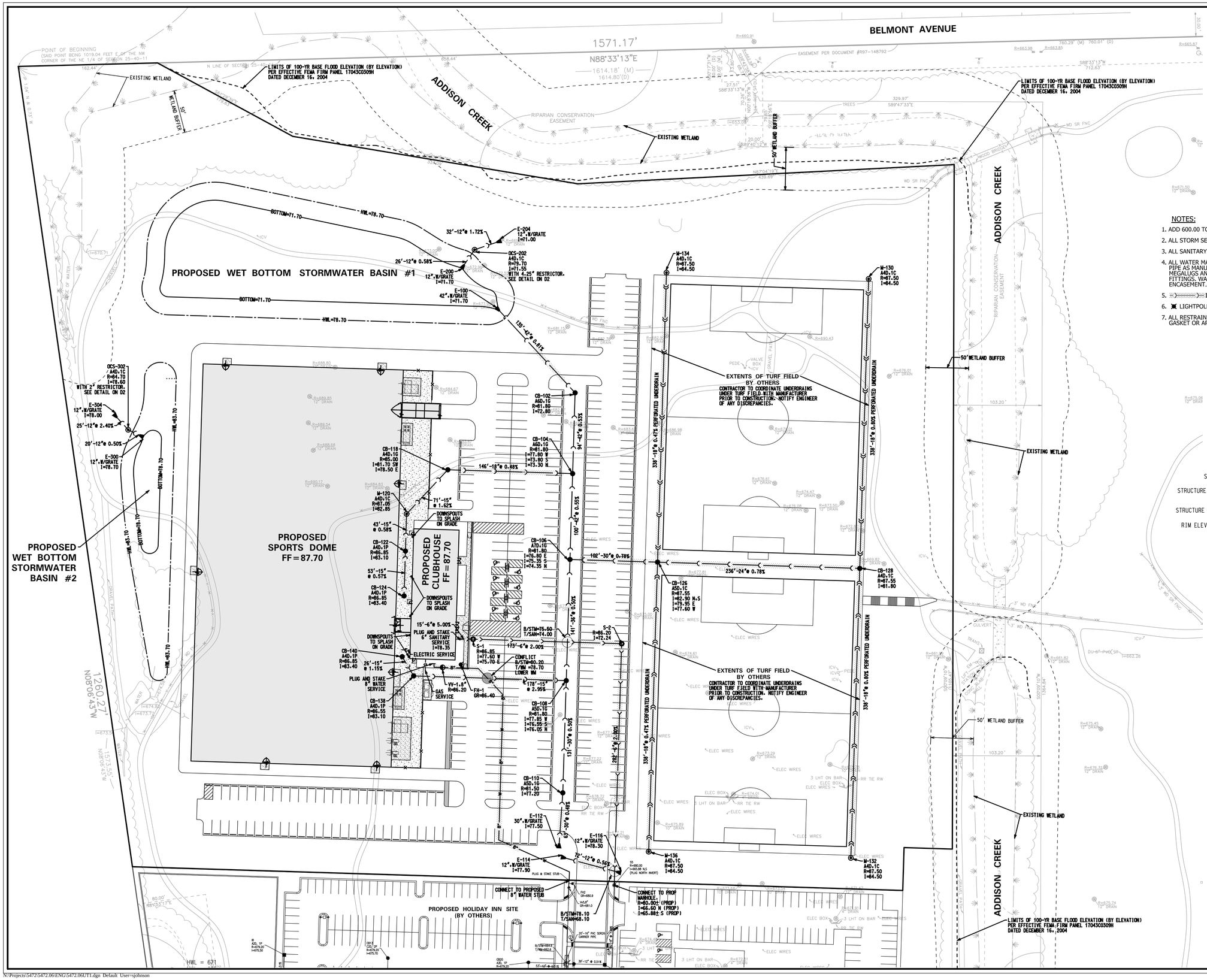

SCALE 1" = 50'

0 50 100

NOTES:

1. ADD 600.00 TO ELEVATIONS SHOWN AS XX.XX.
2. ALL STORM SEWERS SHALL BE RCP CL-IV UNLESS NOTED OTHERWISE.
3. ALL SANITARY SEWERS SHALL BE PVC SDR 26 UNLESS NOTED OTHERWISE.
4. ALL WATER MAINS SHALL BE D.I.P. CLASS 52 TR FLEX RESTRAINED JOINT PIPE AS MANUFACTURED BY U.S. PIPE UNLESS NOTED OTHERWISE. MEGALUGS AND THRUST BLOCKS ARE REQUIRED FOR ALL WATERMAIN FITTINGS. WATER MAIN TO BE CONSTRUCTED WITH A POLYETHYLENE ENCASEMENT.
5. INDICATES TRENCH BACKFILL REQUIRED.
6. LIGHTPOLE. SEE LIGHTING PLANS FOR DESIGN AND DETAILS.
7. ALL RESTRAINED WATER MAIN JOINTS SHALL BE U.S. PIPE "FIELD LOK" GASKET OR APPROVED EQUAL.

STRUCTURE LEGEND

STRUCTURE — STRUCTURE NUMBER: MH-10
STRUCTURE TYPE — FRAME AND GRATE TYPE: A3D,1C
STRUCTURE SIZE: R=17.00
RIM ELEVATION — INVERTS AND DIRECTIONS: I=10.00W, I=9.60,N,S

STORM STRUCTURE ABBREVIATIONS

M = MANHOLE (STORM)
CB = CATCH BASIN
E = FLARED END SECTION WITH GRATE
S = SANITARY MANHOLE
VV = VALVE VAULT
FH = FIRE HYDRANT
GR = GRADE RING
1C = MANHOLE-NEENAH R-1713 FRAME WITH CLOSED LID
1P = INLET, CATCH BASIN-NEENAH R-2504 WITH TYPE "D" OPEN LID
1G= INLET, CATCH BASIN-NEENAH R-4340-B OPEN LID BEEHIVE GRATE
WM =WATER MAIN

NO.	DATE	REMARKS

NO.	DATE	REMARKS

UTILITY PLAN

BENSENVILLE SPORTS COMPLEX
BENSENVILLE, ILLINOIS

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SPACECO INC.

FILENAME: 5472.06UT1.dgn

DATE: 06/22/18

JOB NO. 5472.06

SHEET UT1

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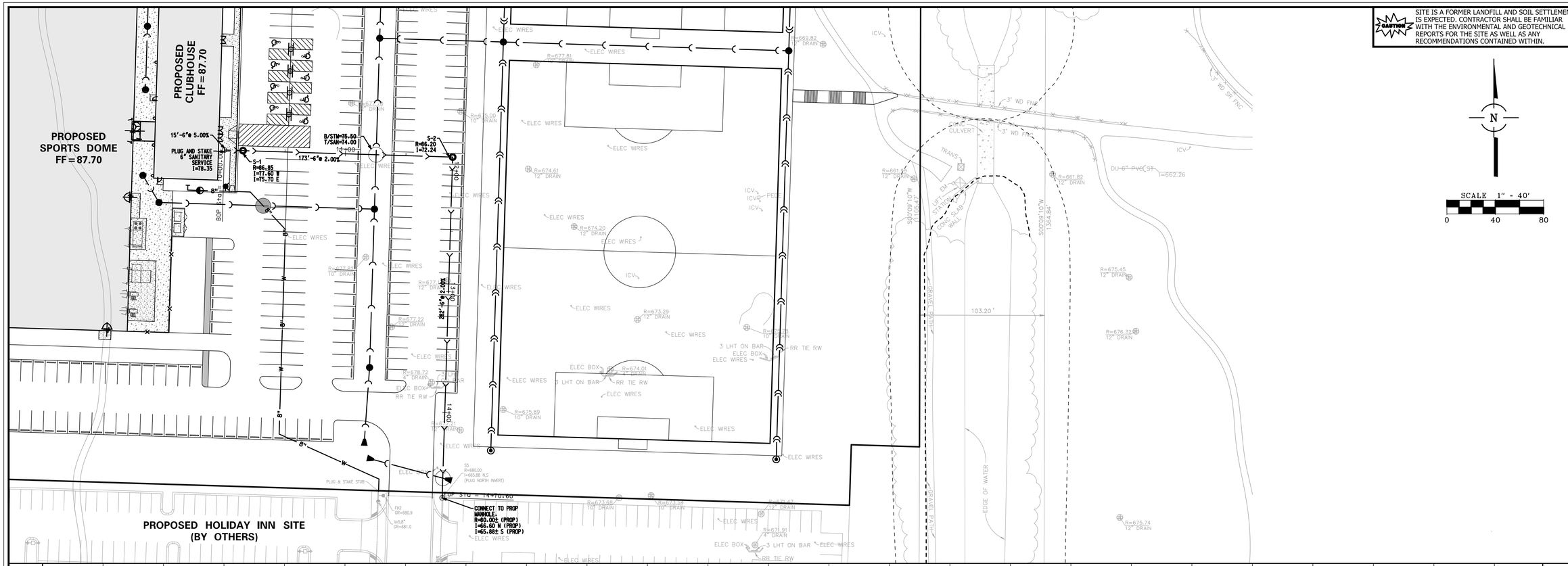
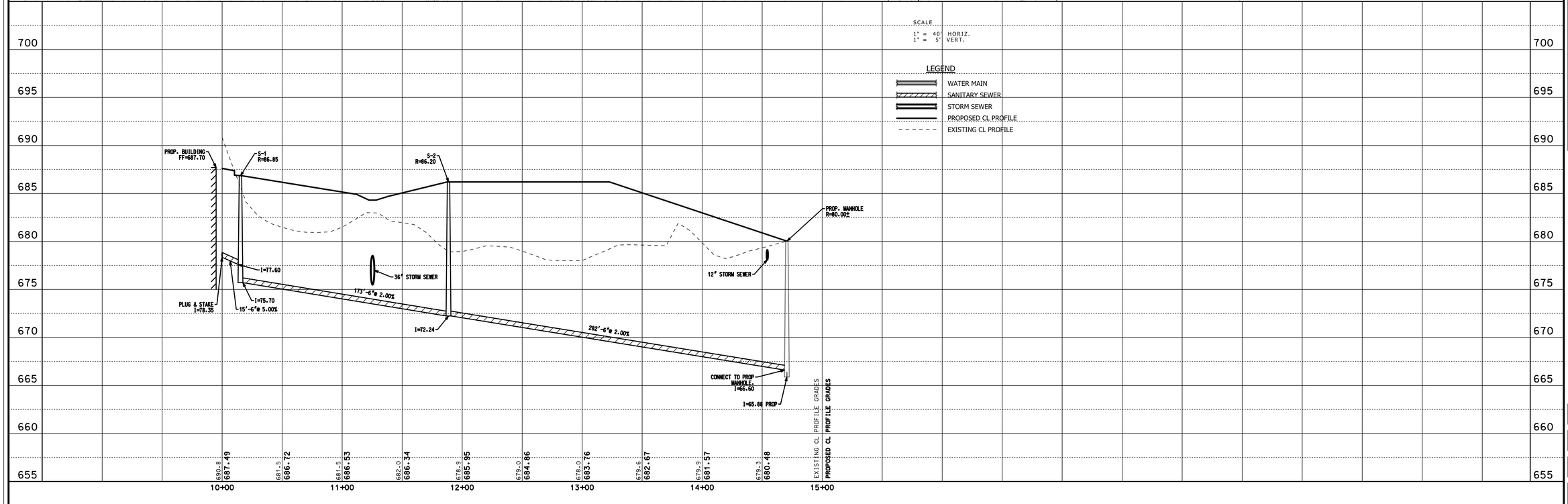


SCALE

1" = 40' HORIZ.
1" = 5' VERT.

LEGEND

- WATER MAIN
- SANITARY SEWER
- STORM SEWER
- PROPOSED CL PROFILE
- EXISTING CL PROFILE



NO.	DATE	REMARKS

NO.	DATE	REMARKS

PLAN AND PROFILE - SANITARY SEWER

BENSENVILLE SPORTS COMPLEX

BENSENVILLE, ILLINOIS

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SPACECO INC.

FILENAME: 5472.06PP01

DATE: 06/22/18

JOB NO. 5472.06

SHEET **PP1**

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This Soil Erosion & Sediment Control (SESC) Plan has been prepared to fulfill one of the requirements of the National Pollutant Discharge Elimination System (NPDES) General Permit No. ILR10 _____. The SESC Plan should be maintained on site as an integral component of the Storm Water Pollution Prevention Plan (SWPPP). The SWPPP, including the SESC Plan, should be amended whenever there is a change in design, construction, operation, or maintenance, which has a significant effect on the potential for the discharge of pollutants to the Waters of the State and which has not otherwise been addressed in the SWPPP. The SWPPP, shall also be amended if it proves to be ineffective in eliminating or significantly minimizing pollutants, or in otherwise achieving the general objectives of controlling pollutants in storm water discharges associated with construction site activity. In addition, the SWPPP shall be amended to identify any new contractor and/or subcontractor that will implement a measure of the SWPPP.

1. SITE DESCRIPTION

A. The following is a description of the nature of the construction activity: Construction of a sports dome, club house and sports fields with associated parking lot, utilities and grading improvements.

B. The following is a description of the intended sequence of construction activities which will disturb soils for major portions of the construction site:

Describe proposed construction sequence, sample follows:

1) Install perimeter sediment control measures
a) Selective vegetation removal for silt fence installation
b) Silt fence installation
c) Construction fencing around areas not to be disturbed
d) Stabilized construction entrance
2) Clear and grub (as necessary)
3) Construct sediment trapping devices (sediment traps, sediment basins, etc.)
4) Construct detention facilities and outlet control structure with restrictor & temporary perforated riser
5) Strip topsoil, stockpile topsoil and grade site
6) Temporarily stabilize topsoil stockpile (seed and silt fence around toe of slope)
7) Install storm sewer, sanitary sewer, watermain and associated inlet & outlet protection
8) Permanently stabilize detention basins with seed and erosion control blanket
9) Temporarily stabilize all areas including lots that have reached mass grade
10) Install roadways
11) Permanently stabilize all outlot areas
12) Install buildings and grade individual lots
13) Permanently stabilize lots
14) Remove all temporary soil erosion and sediment control measures after the site is stabilized with vegetation

C. The site has a total acreage of approximately 19.98 acres. Construction activity will disturb approximately 17.10 acres of the site.

D. 1) An estimated runoff coefficient of the site after construction activities are completed is calculated per catchment area.
2) Existing data describing the soil or quality of any discharge from the site is included in preliminary soils exploration prepared by Testing Service Corporation, dated May 11, 2007.

E. Refer to Sheets CB1/GR2, SE1 for a site plan indicating:
1) drainage patterns;
2) approximate slopes anticipated before and after major grading activities;
3) locations where vehicles enter or exit the site and controls to minimize off-site sediment tracking;
4) areas of soil disturbance;
5) the location of major structural and nonstructural controls;
6) the location of areas where stabilization practices are expected to occur;
7) surface waters (including wetlands); and,
8) locations where storm water is discharged to a surface water.

F. 1) The name of the receiving water(s) (stream): Addison Creek.
2) The name of the ultimate receiving water is: Des Plaines River.
3) The extent of wetland acreage at the site is 7.78 acres.

G. Potential sources of pollution associated with this construction activity may include:

- sediment from disturbed soils
- portable sanitary stations
- fuel tanks
- staging areas
- waste containers
- chemical storage areas
- oil or other petroleum products
- adhesives
- tar
- solvents
- detergents
- fertilizers
- raw materials (e.g., bagged portland cement)
- construction debris
- landscape waste
- concrete and concrete trucks
- litter

2. CONTROLS

This section of the SESC Plan addresses the various controls that should be implemented for each of the major construction activities described in the "Site Description" section. For each measure identified in the SWPPP, the contractor(s) or subcontractor(s) that will implement the measure should be identified. All contractors and subcontractors that are identified should be required to sign a copy of the certification statement from Part IV.F. of the ILR10 Permit (in accordance with Part VI.G. - Signatory Requirements, of the ILR10 Permit). All signed certification statements should be maintained in the SWPPP.

A. Approved State or Local Plans

The management practices, controls and other provisions contained in the SWPPP should be at least as protective as the requirements contained in the Illinois Environmental Protection Agency's (IEPA) and the United States Department of Agriculture's Natural Resource Conservation Service Illinois Urban Manual, 2012. Requirements specified in sediment and erosion control site plans or site permits or storm water management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of a Notice of Intent (NOI) to be authorized to discharge under the ILR10 permit, incorporated by reference and are enforceable under the ILR10 permit even if they are not specifically included in a SWPPP required under the ILR10 permit. This provision does not apply to provisions of master plans, comprehensive plans, non-enforceable guidelines or technical guidance documents that are not identified in a specific plan or permit that is issued for the construction site.

The soil erosion and sediment control measures for this site should meet the requirements of the following agencies:

- Bensenville
- DuPage County
- IEPA

B. Control Implementation Schedule

Best Management Practices will be implemented on an as-needed basis to protect water quality. Perimeter controls of the site should be installed prior to soil disturbance (excluding soil disturbance necessary to install the controls), including demolition activities. Perimeter controls, including the silt fence, should be actively maintained until final stabilization of those portions of the site upward of the perimeter control. Stabilized construction entrance(s) and sediment traps should be installed as described in the intended sequence of construction activities. The contractor is responsible for the adequate protection (including sediment control) of existing sewers and sewer structures during construction operations. As necessary, the appropriate sediment control measure should be installed prior to land disturbing activities.

Stabilization measures should be initiated where construction activities have temporarily or permanently ceased, in accordance with Local and State requirements, as described below. Once construction activity in an area has permanently ceased, that area should be permanently stabilized. Temporary perimeter controls should be removed after final stabilization of those portions of the site upward of the perimeter control.

C. Erosion and Sediment Controls

The appropriate soil erosion and sediment controls should be implemented on site and should be modified to reflect the current phase of construction. All temporary sediment and erosion control measures should be repaired or replaced as soon as practicable to maintain NPDES compliance. Permittee or an authorized agent is responsible for inspecting all sediment and erosion control measures at a minimum of every 7 calendar days and within 24 hours, or one working day, of the end of a 0.5-inch (or greater) rain event.

Unless otherwise indicated, all vegetative and structural erosion and sediment control practices should be installed to the Standard Practice. The contractor is responsible for the installation of any additional erosion and sediment control measures necessary to minimize erosion and sedimentation as determined by the Engineer or Primary Contact.

1) Stabilization Practices - Areas that will not be paved or covered with non-erosive material should be stabilized using procedures in substantial conformance with the Illinois Urban Manual. This SESC Plan includes site-specific soil erosion and sediment control measures. Additional erosion controls should be implemented as necessary, as determined by the Engineer or Primary Contact.

The following temporary and permanent stabilization practices, at a minimum, are proposed:

- permanent seeding
- temporary seeding
- erosion control blanket

Site-specific scheduling of the implementation of these practices is included in the Soil Protection Chart. A record of the dates when major grading activities occur, when construction activities cease on a portion of the site, and when stabilization measures are initiated should be included in the SWPPP.

Stabilization of disturbed areas must be initiated within 1 working day of permanent or temporary cessation of earth activities and shall be completed as soon as possible but not later than 14 days from the initialization of stabilization work in an area. Exceptions to these time frames are specified below.

a. Where the initiation of stabilization measures is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.

b. On areas where construction activity has temporarily ceased and will resume after 14 days, a temporary stabilization method can be used. Temporary stabilization techniques and materials shall conform to the SWPPP.

2) Structural Practices - Provided below is a description of structural practices that should be implemented, to the degree attainable to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Structural practices should be placed on upland soils to the degree practicable. The installation of the following devices may be subject to Section 404 of the Clean Water Act:

- stabilized construction entrance
- silt fence

D. Storm Water Management

Provided below is a description of measures that will be installed during the construction process to control the pollutants in storm water discharges that will occur after the construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water Act.

1) The practices selected for implementation were determined on the basis of technical guidance contained in IEPA's Illinois Urban Manual, Federal, State, and/or Local Requirements. The storm water management measures include:

- detention basins (native plantings)
- storm sewers

2) Velocity dissipation devices, such as rip-rap aprons at flared end sections or level spreaders, shall be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a watercourse so that the natural, physical, and biological characteristics and functions are maintained and protected (e.g., maintenance of hydrologic conditions, such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

E. Waste Management

Solid waste materials including trash, construction debris, excess construction materials, machinery, tools and other items will be collected and disposed of off site by the contractor. The contractor is responsible to acquire the permit required for such disposal. Burning on site will not be permitted. No solid materials, including building materials, shall be discharged to Waters of the State, except as authorized by a Section 404 permit. All waste materials should be collected and stored in approved receptacles. No wastes should be placed in any location other than in the approved containers appropriate for the materials being discarded. There should be no liquid wastes deposited into dumpsters or other containers which may leak. Receptacles with deficiencies should be replaced as soon as possible and the appropriate clean-up procedure should take place, if necessary. Construction waste material is not to be buried on site. Waste disposal should comply with all Local, State, and Federal regulations.

On-site hazardous material storage should be minimized and stored in labeled, separate receptacles from non-hazardous waste. All hazardous waste should be disposed of in the manner specified by Local or State regulation or by the manufacturer.

F. Concrete Waste Management

Concrete waste or washout should not be allowed in the street or allowed to reach a storm water drainage system or watercourse. When practicable, a sign should be posted at each location to identify the washout. To the extent practicable, concrete washout areas should be located a reasonable distance from a storm water drainage inlet or watercourse, and should be located at least 10 feet behind the curb, if the washout area is adjacent to a paved road. A stabilized entrance that meets Illinois Urban Manual standards should be installed at each washout area.

The containment facilities should be of sufficient volume to completely contain all liquid and concrete waste materials including enough capacity for anticipated levels of rainwater. The dried concrete waste material should be picked up and disposed of properly when 66% capacity is reached. Hardened concrete can be properly recycled and used again on site (as approved by the Engineer) or hauled off site to an appropriate landfill.

G. Concrete Cutting

Concrete waste management should be implemented to contain and dispose of saw-cutting slurries. Concrete cutting should not take place during or immediately after a rainfall event. Waste generated from concrete cutting should be cleaned-up and disposed into the concrete washout facility as described above.

H. Vehicle Storage and Maintenance

When not in use, construction vehicles should be stored in a designated area(s) outside of the regulatory floodplain, away from any natural or created watercourse, pond, drainage-way or storm drain. Controls should be installed to minimize the potential of runoff from the storage area(s) from reaching storm drains or water courses. Vehicle maintenance (including both routine maintenance as well as on-site repairs) should be made within a designated area(s) to prevent the migration of mechanical fluids (oil, antifreeze, etc.) into watercourses, wetlands or storm drains. Drip pans or absorbent pads should be used for all vehicle and equipment maintenance activities that involve grease, oils, solvents, or other vehicle fluids. Construction vehicles should be inspected frequently to identify any leaks; leaks should be repaired immediately or the vehicle should be removed from site. Dispose of all used oil, antifreeze, solvents and other vehicle-related chemicals in accordance with Environmental Protection Agency (USEPA) and IEPA regulations and per Material Safety Data Sheet (MSDS) and/or manufacturer instructions. Contractors should immediately report spills to the Primary Contact.

I. Material Storage and Good Housekeeping

Materials and/or contaminants should be stored in a manner that minimizes the potential to discharge into storm drains or watercourses. An on-site area should be designated for material delivery and storage. All materials kept on site should be stored in their original containers with legible labels, and if possible, under a roof or other enclosure. Labels should be replaced if damaged or difficult to read. Bermed-off storage areas are an acceptable method to prevent contamination of storm water. MSDS should be available for referencing clean-up procedures. Any release of chemicals/contaminants should be immediately cleaned up and disposed of properly. Contractors should immediately report all spills to the Primary Contact, who should notify the appropriate agencies if needed.

To reduce the risks associated with hazardous materials on site, hazardous products should be kept in original containers unless they are not re-sealable. The original labels and MSDS should be retained on site at all times. Hazardous materials and all other material on site should be stored in accordance with manufacturer or MSDS specifications. When disposing of hazardous materials, follow manufacturer or Local and State recommended methods.

The following good housekeeping practices should be followed on site during the construction project:

- An effort should be made to store only enough product required to do the job.

- All materials stored on site should be stored in a neat, orderly manner in their appropriate containers and adequately protected from the environment.

- Products should be kept in their original containers with the original manufacturer's label.

- Substances should not be mixed with one another unless recommended by the manufacturer.

- Operations should be observed as necessary to ensure proper use and disposal of materials on site.

- Whenever possible, all of a product should be used up before disposing of the container.

- Manufacturer's recommendations for proper use and disposal should be followed.

J. Management of Portable Sanitary Stations

To the extent practicable, portable sanitary stations should be located in an area that does not drain to any protected natural areas, Waters of the State, or storm water structures and should be anchored to the ground to prevent from tipping over. Portable sanitary stations located on impervious surfaces should be placed on top of a secondary containment device, or be surrounded by a control device (e.g., gravel-bag berm). The contractor should not create or allow unsanitary conditions. Sanitary waste should be disposed of in accordance with applicable State and/or Local regulations.

K. Spill Prevention and Clean-Up Procedures

Manufacturer's recommended methods for spill clean-up should be available and site personnel should be made aware of the procedures and the location of the information and clean-up supplies. Materials and equipment necessary for spill clean-up should be kept in the material storage area on site. Equipment and materials should include, but are not limited to, brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust and plastic and/or metal trash containers specifically for this purpose.

Discharges of a hazardous substance or oil caused by a spill (e.g., a spill of oil into a separate storm sewer or Waters of the State) are not authorized by the ILR10 permit. If a spill occurs, notify the Primary Contact immediately. The construction site should have the capacity to control, contain, and remove spills. If they occur. Spills should be cleaned up immediately (after discovery) in accordance with MSDS and should not be buried on site or washed into storm sewer drainage inlets, drainage-ways, or Waters of the State.

Spills in excess of Federal Reportable Quantities (as established under 40 CFR Parts 110, 117, or 302), should be reported to the National Response Center by calling (800) 424-8802. MSDS often include information on Federal Reportable Quantities for materials. Spills of toxic or hazardous materials should be reported to the appropriate State or Local government agency, as required. When cleaning up a spill, the area should be kept well ventilated and appropriate personal protective equipment should be used to minimize injury from contact with a hazardous substance.

In addition to the good housekeeping and other management practices discussed in the previous sections of these Notes, the following minimum practices should be followed to reduce the risk of spills:

- On-site vehicles should be monitored for leaks and should receive regular preventative maintenance to reduce the chance of leakage.

- Petroleum products should be stored in tightly sealed and clearly labeled containers.

- Contractors should follow the manufacturer's recommendations for proper use, storage, and disposal of materials. Excess materials should be disposed of according to the manufacturer's instructions or State and Local regulations, and should not be discharged to the storm sewer or waterbody.

L. De-Watering Operations

During de-watering/pumping operations, only uncontaminated water should be allowed to discharge to protected natural areas, Waters of the State, or to a storm sewer system (in accordance with Local permits). Inlet hoses should be placed in a stabilized sump pit or floated at the surface of the water in order to limit the amount of sediment intake. Pumping operations may be discharged to a stabilized area that consists of an energy dissipating device (e.g., stone), sediment filter bag, or both. Adequate erosion controls should be used during de-watering operations as necessary. Stabilized conveyance channels should be installed to direct water to the desired location as applicable. Additional control measures may be installed at the outlet area at the discretion of the Primary Contact or Engineer.

M. Off-Site Vehicle Tracking

The site should have one or more stabilized construction entrances in conformance with the Plan details. Stabilized construction entrance(s) should be installed to help reduce vehicle tracking of sediments. Streets should be swept as needed to reduce excess sediment, dirt, or stone tracked from the site. Maintenance may include top dressing the stabilized entrance with additional stone and removing top layers of stone and sediment, as needed. Vehicles hauling erodible material to and from the construction site should be covered with a tarp.

N. Topsoil Stockpile Management

If topsoil is to be stockpiled at the site, select a location so that it will not erode, block drainage, or interfere with work on site. Topsoil stockpiles should not be located in the 100-year floodplain or designated buffer protecting Waters of the State. During construction of the project, soil stockpiles should be stabilized or protected with sediment trapping measures. Perimeter controls, such as silt fence, should be placed around the stockpile immediately. Stabilization of the stockpile should be completed if the stockpile is to remain undisturbed for longer than fourteen days.

O. Dust Control

Dust control should be implemented on site as necessary. Repetitive treatment should be applied as needed to accomplish control when temporary dust control measures are used. A water truck should be present on site (or available) for sprinkling/irrigation to limit the amount of dust leaving the site. Watering should be applied daily (or more frequently) to be effective. Caution should be used not to overwater, as that may cause erosion.

If field observations indicate that additional protection from wind erosion (in addition to, or in place of watering) is necessary, alternative dust suppressant controls should be implemented at the discretion and approval of the Engineer and/or Primary Contact.

Street cleaning should also be used as necessary to control dust. Paved areas that have soil on them from the construction site should be cleaned as needed, utilizing a street sweeper or bucket-type endloader or scraper at the direction of the Engineer and/or Primary Contact.

3. MAINTENANCE

Maintenance of the controls incorporated into this project should be performed as needed to assure their continued effectiveness. This includes prompt and effective repair and/or replacement of deficient control measures. The following is a description of procedures that should be used to maintain, in good and effective operating condition, erosion and sediment control measures and other protective measures identified in the SESC Plan and Standard Specifications.

Dust control: When temporary dust control measures are used, repetitive treatment should be applied as needed to accomplish control.

Sediment filter bags: Sediment filter bags should be installed on pump outlet hoses that discharge off site or to sensitive on-site areas, and should be placed in an area that allows for the bag to be removed without producing a sediment discharge. The bags should be inspected frequently and repaired or replaced as needed.

Silt fence: Silt fences should be inspected regularly for undercutting where the fence meets the ground, overtopping, and tears along the length of the fence. Deficiencies should be repaired immediately. Remove accumulated sediments from the fence base when the sediment reaches one-half the fence height. During final stabilization, properly dispose of any sediment that has accumulated on the silt fence. Alternative sediment control measures should be considered for areas where silt fence continually fails.

Stabilized construction entrance: The stabilized construction entrances should be maintained to prevent tracking of sediment onto public streets. Maintenance includes top dressing with additional stone and removing top layers of stone and sediment. The sediment tracked onto the public right-of-way should be removed immediately.

Temporary sediment traps: Temporary sediment traps should be inspected after each period of significant rainfall. Remove sediment and restore the trap to its original dimensions when the sediment has accumulated to one-half the design depth of the permanent pool. Place the sediment that is removed in a designated disposal area. Check the structure for damage from erosion or piping. After all sediment-producing areas have been permanently stabilized, remove the structure and all unstable sediment. Grade the area to blend with the adjoining areas and stabilize properly.

4. INSPECTIONS

The Permittee (or their authorized representative) will be responsible for conducting site inspections in compliance with the ILR10 NPDES Permit. After each inspection, a report should be prepared by the qualified personnel who performed the inspection. The inspection report should be maintained on site as part of the SWPPP.

Inspections should be conducted at least once every seven calendar days and within 24 hours or by the end of the following work day, of the end of a storm event that is 0.5 inches or greater, or equivalent snowfall.

Inspections may be reduced to once per month when construction activities have ceased due to frozen conditions. Weekly inspections will recommence when construction activities are conducted, or if there is 0.5" or greater rain event, or a discharge due to snowmelt occurs.

Each inspection should include the following components:

A. Disturbed areas and areas used for the storage of materials that are exposed to precipitation should be inspected for evidence of, or the potential for, pollutants entering the drainage system. The erosion and sediment control measures identified in the SWPPP should be observed to ensure that they have been installed and are operating correctly. Where discharge points are accessible, they should be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to the receiving waters. Locations where vehicles enter or exit the site should be inspected for off-site sediment tracking. All pumping operations and other potential non-storm water discharge sources should also be inspected.

B. Based on the results of the inspection, the description of potential pollutant sources identified, and the pollution prevention measures described in the SWPPP should be revised, as appropriate, as soon as practicable after the inspection. The modifications (if any, shall provide for timely implementation of any changes to the SWPPP within 7 calendar days following the inspection.

C. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of the SWPPP, and actions taken in accordance with paragraph B. above should be made and retained as part of the SWPPP for at least three years from the date that permit coverage expires or is terminated. The report shall be signed in accordance with Part VI.G. (Signatory Requirements) of the ILR10 NPDES Permit.

D. The Permittee shall notify the appropriate agency field operations section office by e-mail at: epa.swnoncom@illinois.gov , telephone or fax within 24 hours of any incidence of noncompliance for any violation of the storm water pollution prevention plan observed during any inspection conducted or for violation of any condition of this permit. The Permittee should complete and submit within 5 days an "Incidence of Non-Compliance" (ION) report for any violation of the SWPPP observed during an inspection conducted, including those not required by the SWPPP. Submission should be on forms provided by IEPA and include specific information on the cause of non-compliance, actions which were taken to prevent any further causes of non-compliance, and a statement detailing any environmental impact, which may have resulted from the non-compliance.

E. All reports of non-compliance shall be signed by a responsible authority as defined in Part VI.G. (Signatory Requirements), of the ILR10 NPDES Permit.

F. After the initial contact has been made within the appropriate agency field operations section office, all reports of non-compliance shall be mailed to IEPA at the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

5. NON-STORM WATER DISCHARGES

Except for flows from fire fighting activities, possible sources of non-storm water that may be combined with storm water discharges associated with the proposed activity, are described below:

- Fire fighting activities
- Fire hydrant flushings
- Water used to wash vehicles where detergents are not used
- Water used to control dust
- Potable water sources including uncontaminated waterline flushings
- Landscape irrigation drainages
- Routine external building washdown which does not use detergents
- Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless spilled materials have been removed) and where detergents have not been used.
- Uncontaminated air conditioning condensate
- Springs
- Irrigation ditches
- Uncontaminated ground water
- Foundation or footing drains where flows are not contaminated with process materials such as solvents

6. PROHIBITED NON-STORMWATER DISCHARGES

- Concrete and wastewater from washout of concrete (unless managed by an appropriate control)
- Drywall compound
- Wastewater from washout and cleanout of stucco, paint
- Form release oils
- Curing compounds and other construction materials
- Fuels, oils, or other pollutants used in vehicle or equipment operation and maintenance
- Soaps, solvents, or detergents
- Toxic or hazardous substances from a spill or other release
- Any other pollutant that could cause or tend to cause water pollution

Pollution prevention measures should be implemented for non-storm water components of the discharge.

OUTFALL NAME OR NUMBER	INLET PIPE SIZE d (IN)	LENGTH OF APRON L (FT)	RIPRAP GRADATION	WIDTH OF APRON U/S FACE 3d (FT)	WIDTH OF APRON D/S FACE 3d+L (FT)	DEPTH OF RIPRAP Y (IN)
E100	42	26	RR-5	10.5	36.5	28
E200	12	10	RR-3	3	13	15
E204	12	10	RR-3	3	13	15
E300	12	10	RR-3	3	13	15
E304	12	10	RR-3	3	13	15

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			A			*	*					
DORMANT SEEDING	B										B	
TEMPORARY SEEDING			C				D					
SODDING			E**									
MULCHING	F											

A KENTUCKY BLUEGRASS 90 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 30 LBS/ACRE.

B KENTUCKY BLUEGRASS 135 LBS/ACRE MIXED WITH PERENNIAL RYEGRASS 45 LBS/ACRE + STRAW MULCH 2 TONS/ACRE.

C SPRING OATS 100 LBS/ACRE

D WHEAT OR CEREAL RYE 150 LBS/ACRE.

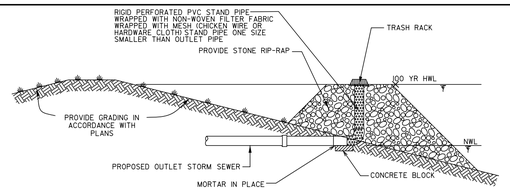
E SOD

F STRAW MULCH 2 TONS/ACRE.

* IRRIGATION NEEDED DURING JUNE AND JULY.

** IRRIGATION NEEDED FOR 2 TO 3 WEEKS AFTER APPLYING SOD.

SOIL PROTECTION CHART



PLAN CODE:

PERFORATED RISER DETAIL (PR)

NOT TO SCALE

1. THE PERFORATED RISER SHALL BE PROVIDED AS PART OF THE SEDIMENT AND EROSION CONTROL MEASURES DURING CONSTRUCTION AND IN CONJUCTION WITH THE CONSTRUCTION OF THE DETENTION BASIN.
2. WHEN THE DETENTION BASIN AND UPSTREAM TRIBUTARY DRAINAGE AREAS ARE REVEGETATED, AND WHEN DIRECTED BY THE ENGINEER, THE PERFORATED RISER SHALL BE REMOVED AND THE BASIN OUTFALL STRUCTURES SHALL BE CONSTRUCTED AND THE GRADING RESTORED IN ACCORDANCE WITH THE PLANS.

CONTRACTOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

PROJECT: BENSENVILLE SPORTS COMPLEX

PERMIT #: ILR10 _____

_____ DATE

_____ CONTRACTOR SIGNATURE

_____ TELEPHONE NUMBER

_____ PRINTED NAME & TITLE

_____ NAME OF CONTRACTING FIRM

_____ STREET ADDRESS

_____ CITY, STATE, ZIP CODE

TRADE/ RESPONSIBILITIES:_____

NOTE:
ALL CONTRACTORS PERFORMING WORK ON THIS SITE ARE REQUIRED TO SIGN A CONTRACTOR CERTIFICATION STATEMENT AS ILLUSTRATED ABOVE. THE SIGNED STATEMENTS WILL BE MAINTAINED ON THE SITE WITH THE SWPPP.

OWNER SWPPP CERTIFICATION

PROJECT: BENSENVILLE SPORTS COMPLEX

PERMIT #: ILR10 _____

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

_____ SIGNATURE OF OWNER

_____ DATE

_____ PRINTED NAME OF OWNER

NOTE:
THE CERTIFICATION ILLUSTRATED ABOVE SHALL BE SIGNED BY THE OWNER LISTED ON THE NOTICE OF INTENT IN ACCORDANCE WITH PART VI.G. OF THE ILR10 NPDES PERMIT. THE SIGNED STATEMENT SHALL BE MAINTAINED ON THE SITE WITH THE SWPPP.

NO.	DATE	REMARKS

NO.	DATE	REMARKS

SOIL EROSION AND SEDIMENT CONTROL PLAN

BENSENVILLE SPORTS COMPLEX
BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065
SPACECO INC.

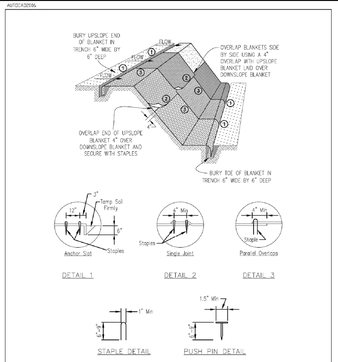
FILENAME: 5472.06SE01.dgn

DATE: 06/22/18

JOB NO. 5472.06

SHEET **SE1**
10 OF 15

AutoCAD2006



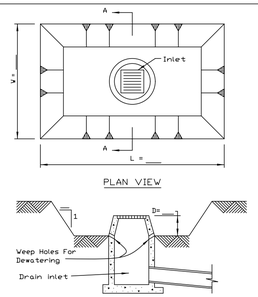
NOTES:

1. Staples shall be placed in a diamond pattern at 2 per s.y. for stitched blankets. Non-stitched shall use 4 staples per s.y. of material. This equates to 200 staples with stitched blanket and 400 staples with non-stitched blanket per 100 s.y. of material.
2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
4. All anchor slots shall be stapled at approximately 12" intervals.

PLAN CODE: EB

EROSION CONTROL BLANKET INSTALLATION DETAILS

INLET PROTECTION - EXCAVATED DRAIN PLAN



NOTES:

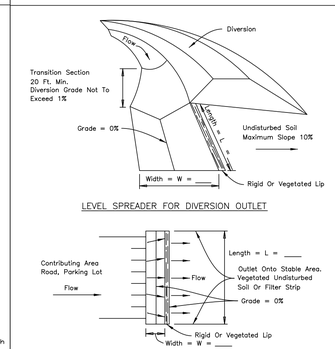
1. Sediment shall be removed and the trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
2. The sediment trap shall be removed and the area stabilized when the constructed drainage area has been properly stabilized.
3. All cut slopes shall be 2:1 or flatter.

PLAN CODE: ED

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-555 — SHEET 1 OF 1 — DATE 3-11-93

LEVEL SPREADER



NOTES:

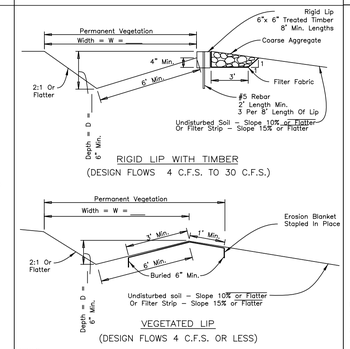
1. Ends of spreader shall be tied into higher ground to prevent flow around the level spreader.
2. See plans for L and W dimensions.

PLAN CODE: LS

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-570 — SHEET 1 OF 2 — DATE 1-29-99

LEVEL SPREADER



NOTES:

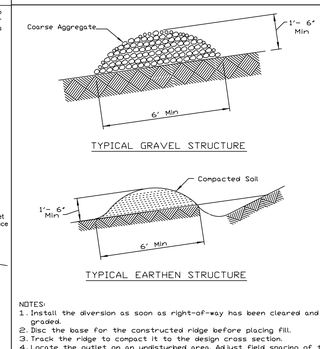
1. Coarse aggregate shall meet one of the following IDOT gradations: CA-1, or CA-3.
2. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table 1 or 2, Class I, II, or IV.
3. See sheet FILTER STRIP-GRASSED IL-535 for filter strip requirements.
4. See sheet EROSION BLANKET IL-530 for blanket material and installation requirements.
5. See plans for permanent seeding requirements.
6. See plans for D and W dimensions.

PLAN CODE: LS

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-570 — SHEET 2 OF 2 — DATE 1-29-99

RIGHT OF WAY DIVERSION PLAN



NOTES:

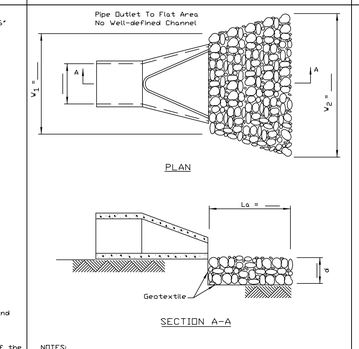
1. Install the diversion as soon as right-of-way has been cleared and graded.
2. Disc the base for the constructed ridge before placing fill.
3. Track the ridge to compact it to the design cross section.
4. Locate the outlet on an undisturbed area. Adjust field spacing of the diversion to use the most stable outlet areas. When natural areas are not deemed satisfactory, provide outlet protection.
5. Immediately seed and mulch the portions of the diversions not subject to construction traffic. Stabilize with gravel areas to be crossed by vehicles.
6. Coarse aggregate, if used, shall meet one of the following IDOT gradations: CA-1,CA-2 CA-3, OR CA-4.

PLAN CODE: RD

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-600 — SHEET 1 OF 1 — DATE 3-3-95

PIPE OUTLET TO FLAT AREA



NOTES:

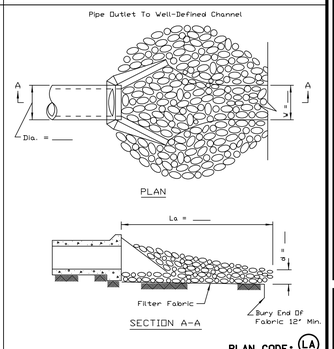
1. The filter fabric shall meet the requirements in material specifications 592 GEOTEXTILE Table 1 or 2, class I, II or III.
2. The rock riprap shall meet the IDOT requirements for the following gradations: RR ____, Quality ____.
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

PLAN CODE: LA

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-610 — SHEET 1 OF 1 — DATE 9-15-93

PIPE OUTLET TO CHANNEL



PLAN CODE: LA

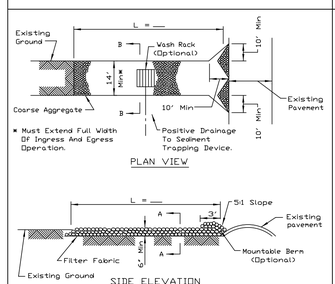
NOTES:

1. The filter fabric shall meet the requirements in material specification 592 GEOTEXTILE Table 1 or 2, Class I, II or III.
2. The rock riprap shall meet the IDOT requirements for the following gradation ____.
3. The riprap shall be placed according to construction specification 61 LOOSE ROCK RIPRAP. The rock may be equipment placed.

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-611 — SHEET 1 OF 1 — DATE 8-28-94

STABILIZED CONSTRUCTION ENTRANCE PLAN



NOTES:

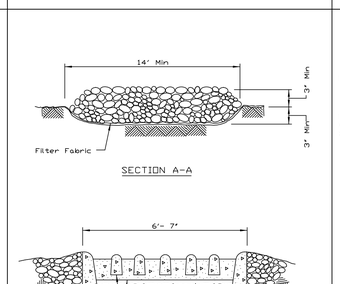
1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method I and Class III compaction.
3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
4. If wash racks are used they shall be installed according to the manufacturer's specifications.

PLAN CODE: SE

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-630 — SHEET 1 OF 2 — DATE 8-18-94

STABILIZED CONSTRUCTION ENTRANCE PLAN

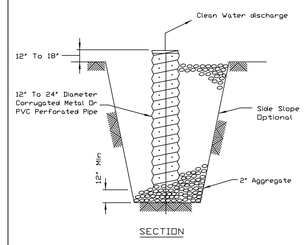


PLAN CODE: SE

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-630 — SHEET 2 OF 2 — DATE 8-18-94

SUMP PIT PLAN



PLAN CODE: SP

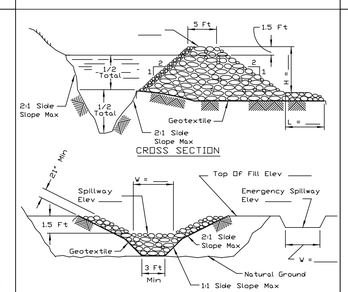
NOTES:

1. Pit dimensions are optional.
2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
4. The standpipe will extend 12" to 18" above the lip of the pit.
5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
6. If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-650 — SHEET 1 OF 1 — DATE 8-11-94

TEMPORARY SEDIMENT TRAP



PLAN CODE: ST

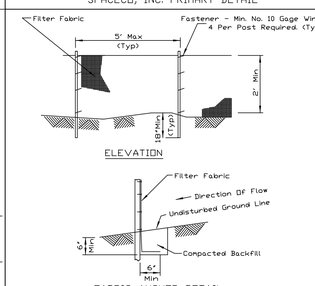
NOTES:

1. If the sediment pool is formed or enlarged the side slope will be 2:1 or flatter.
2. The fill shall be constructed using IDOT RR-4 stone size. A 1'layer of IDOT CA-2 should be placed on the inside face to reduce the flow rate.
3. The rock will be placed according to construction specification 25 ROCKFILL. Placement will be by Method I and compaction will be class III.
4. The geotextile shall meet the requirements in material specification 592 GEOTEXTILE table 1 or 2, class I, II or IV.

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-660 — SHEET 1 OF 1 — DATE 11-29-01

SILT FENCE PLAN SPACECO, INC. PRIMARY DETAIL



NOTES:

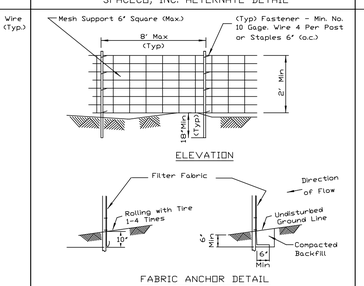
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
2. Filter fabric shall meet the requirements of material specification 592 Geotextile Table 1 or 2, Class I with equivalent opening size of at least 30 for nonwoven and 40 for woven.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

PLAN CODE: XX

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS — STANDARD DWG. NO. IUM-620A — SHEET 1 OF 2 — DATE 3-16-12

SILT FENCE WITH WIRE SUPPORT PLAN SPACECO, INC. ALTERNATE DETAIL



NOTES:

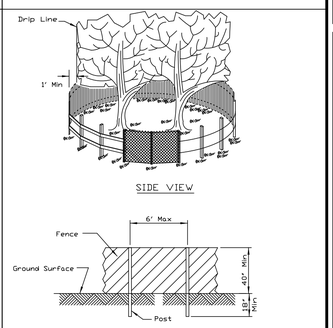
1. Silt Fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization. Silt fence shall be placed on the flattest area available.
2. Filter fabric shall 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 40 for woven.
3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

PLAN CODE: XX

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS — STANDARD DWG. NO. IUM-620A(W) — SHEET 1 OF 2 — DATE 3-16-2012

TREE PROTECTION - FENCING



PLAN CODE: TP

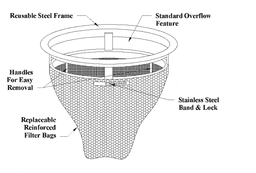
NOTES:

1. The fence shall be located a minimum of 1 foot outside the drip line of the tree to be saved and in no case closer than 5 feet to the trunk of any tree.
2. Fence posts shall be either standard steel posts or wood posts with a minimum cross sectional area of 3.0 sq. in.
3. The fence may be either 42" high snow fence, 42" plastic web fencing or any other material as approved by the engineer/inspector.

REFERENCE Project ____ Designed ____ Date ____ Checked ____ Date ____ Approved ____ Date ____

NRCS Natural Resources Conservation Service — STANDARD DWG. NO. IL-690 — SHEET 1 OF 1 — DATE 4-7-94

Catch-All - is a manufactured inlet filtration device designed to significantly reduce the ingress of pollutants into stormwater systems, and therefore, improve water quality. Designs are available for a custom fit in virtually any drainage structure casting.



Catch-All HR is available to provide the added benefit of hydrocarbon removal.

Design Benefits

1. Pollution Prevention
   - Sediment Control
2. Pollution Removal
   - Hydrocarbons (Catch-All HR)
   - Total Suspended Sediment
   - Phosphorus*
   - Nitrogen*
   - Heavy Metals*

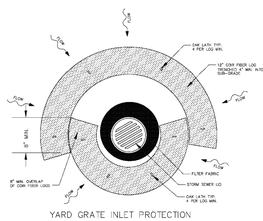
* *By virtue of sediment control*

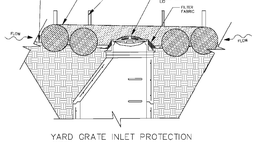
* Or Approved Equal

Applications

1. Site Development & Highway Construction
   - Inlet Protection / Sediment Control
2. Permanent BMP
   - Maintenance Yards
   - Wash Bays
   - Parking Lots & Garages
   - Airports – Tarmac, Cab/Limo Stands, Rental Returns
   - Bank/Fast Food Drive-Ups
   - Reduce Maintenance of Underground Detention Systems
   - Reduce Maintenance of Underground Oil/Water Separators

PLAN CODE: IP





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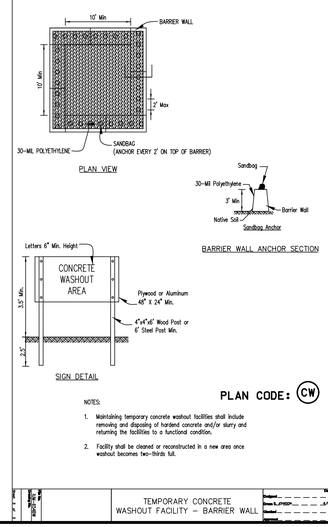
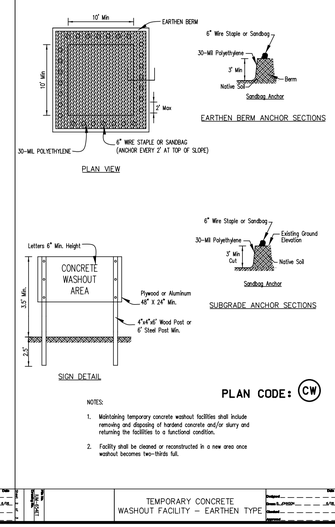


NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

PLAN CODE: CW

TEMPORARY CONCRETE WASHOUT FACILITY – BARRIER WALL

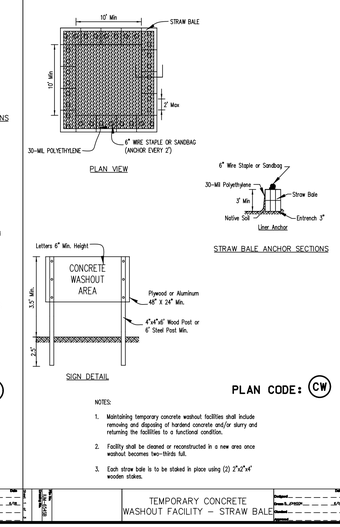


NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

PLAN CODE: CW

TEMPORARY CONCRETE WASHOUT FACILITY – EARTHEN TYPE

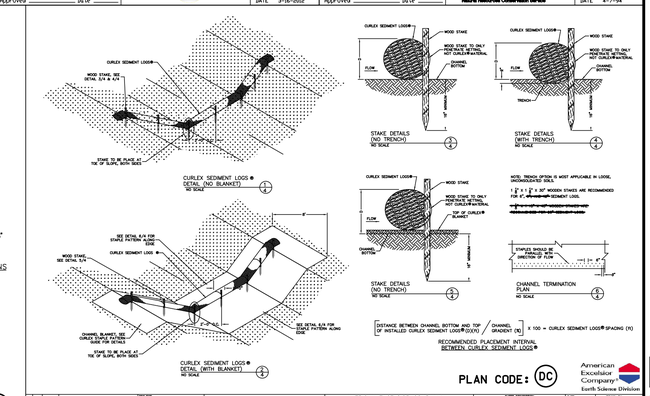


NOTES:

1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.
3. Each straw bale is to be staked in place using (2) 2"x2"x4' wooden stakes.

PLAN CODE: CW

TEMPORARY CONCRETE WASHOUT FACILITY – STRAW BALE



PLAN CODE: DC

AMERICAN EXCELSIOR COMPANY ARLINGTON, TEXAS — CURLEX SEDIMENT LOGS® DITCH/CHANNEL APPLICATION DETAIL — American Excelsior Company — Earth Science Division

NO.	DATE	REMARKS

NO.	DATE	REMARKS

SOIL EROSION AND SEDIMENT CONTROL PLAN

BENSENVILLE SPORTS COMPLEX
BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
9575 W. Higgins Road, Suite 700, Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065
SPACECO INC.

FILENAME: 5472.06SE3.dgn

DATE: 06/22/18

JOB NO. 5472.06

SHEET **SE2**

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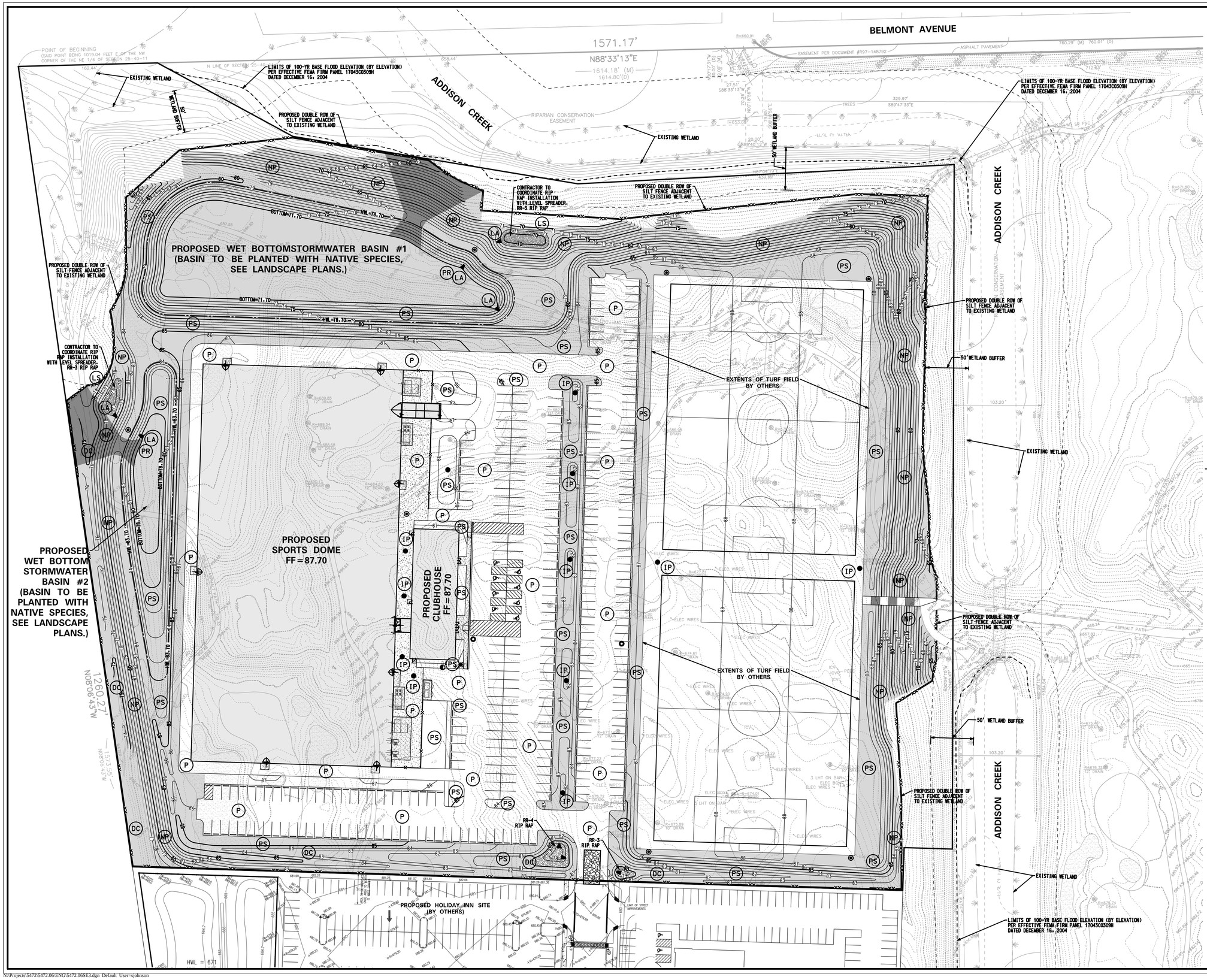

CAUTION: SITE IS A FORMER LANDFILL AND SOIL SETTLEMENT IS EXPECTED. CONTRACTOR SHALL BE FAMILIAR WITH THE ENVIRONMENTAL AND GEOTECHNICAL REPORTS FOR THE SITE AS WELL AS ANY RECOMMENDATIONS CONTAINED WITHIN.

N

SCALE 1" = 50'

0 50 100

NOTES:

1. CONTRACTOR SHALL COORDINATE FINAL STABILIZATION WITH LANDSCAPE ARCHITECT PLANS.
2. CONTRACTOR TO FIELD DETERMINE FINAL LOCATION OF CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT.
3. NORTH AMERICAN GREEN S-75 EROSION CONTROL BLANKET SHALL BE INSTALLED IN ALL AREAS WHERE SLOPE IS GREATER THAN 6:1. (TYPICAL).
4. GREEN SPACE SHALL BE FINISHED WITH 6" TOPSOIL, SEED AND BLANKET.
5. SEE RIP-RAP TABLE ON SHEET SE1.
6. ALL DISTURBED SITE AREAS DRAINING AWAY FROM THE SITE SHOULD BE PLANTED WITH NATIVE PLANTINGS.

SYMBOL LEGEND

	NORTH AMERICAN GREEN S-75 EROSION CONTROL BLANKET
	NORTH AMERICAN GREEN C350 CONTROL BLANKET
	STABILIZED CONSTRUCTION ENTRANCE
xx	SILT FENCE
IP	INLET PROTECTION
P	PAVEMENT
PS	PERMANENT SEEDING
LA	LINED APRON
PR	PERFORATED RISER
LS	LEVEL SPREADER
NP	NATIVE PLANTINGS (ALL DISTURBED SITE AREAS DRAINING AWAY FROM THE SITE SHOULD BE PLANTED WITH NATIVE PLANTINGS).
DC	DITCH CHECK

NO.	DATE	REMARKS

NO.	DATE	REMARKS

SOIL EROSION AND SEDIMENT CONTROL PLAN

BENSENVILLE SPORTS COMPLEX

BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS

9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065

SPACECO INC.

FILENAME: 5472.06SE3.dgn

DATE: 06/22/18

JOB NO. 5472.06

SHEET SE3

12 OF 15

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EARTHWORK NOTES

1. GENERAL

A. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE SOIL AND GROUNDWATER CONDITIONS AT THE SITE. THE CONTRACTOR SHALL OBTAIN AND READ THE GEOTECHNICAL REPORTS AVAILABLE FROM THE OWNER.

B. ANY QUANTITIES IN THE BID PROPOSAL ARE INTENDED AS A GUIDE FOR THE CONTRACTOR'S USE IN DETERMINING THE SCOPE OF THE COMPLETED PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL MATERIAL QUANTITIES AND APPRAISE HIMSELF OF ALL SITE CONDITIONS. THE CONTRACT PRICE SUBMITTED BY THE CONTRACTOR SHALL BE CONSIDERED AS LUMP SUM FOR THE COMPLETE PROJECT. NO CLAIMS FOR EXTRA WORK WILL BE RECOGNIZED UNLESS ORDERED IN WRITING BY THE OWNER.

C. THE CONTRACTOR WILL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE ELEVATIONS AND THAT PAVEMENT THICKNESS, TOPSOIL, ETC. MUST BE SUBTRACTED TO DETERMINE SUBGRADE ELEVATIONS.

D. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE DURING CONSTRUCTION, AND PREVENT STORMWATER FROM RUNNING INTO OR STANDING IN EXCAVATED AREAS. THE FAILURE TO PROVIDE PROPER DRAINAGE WILL NEGATE ANY POSSIBLE ADDED COMPENSATION REQUESTED DUE TO DELAYS OR UNSUITABLE MATERIALS CREATED AS A RESULT THEREOF. FINAL GRADES SHALL BE PROTECTED AGAINST DAMAGE FROM EROSION, SEDIMENTATION AND TRAFFIC.

E. PLANS FOR THE SITE DEWATERING, IF EMPLOYED, SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER PRIOR TO IMPLEMENTATION. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR DEWATERING DURING CONSTRUCTION.

F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE "SOIL EROSION AND SEDIMENTATION CONTROL MEASURES". THE INITIAL ESTABLISHMENT OF EROSION CONTROL PROCEDURES AND THE PLACEMENT OF SILT AND FILTER FENCING, ETC. TO PROTECT ADJACENT PROPERTY, WETLANDS, ETC. SHALL OCCUR BEFORE GRADING BEGINS. A MUNICIPAL EROSION CONTROL INSPECTION MAY BE REQUIRED BEFORE ANY EARTHWORK IS PERFORMED.

G. PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES, THE CONTRACTOR SHALL ERECT A "SNOW FENCE" AROUND ANY TREE DESIGNATED TO BE PRESERVED. SAID FENCE SHALL BE PLACED IN A CIRCLE CENTERED AROUND THE TREE. THE DIAMETER OF WHICH SHALL BE SUCH THAT THE ENTIRE DRIP ZONE (EXTENT OF FURTHEST EXTENDING BRANCHES) SHALL BE WITHIN THE FENCE LIMITS. THE EXISTING GRADE WITHIN THE FENCED AREA SHALL NOT BE DISTURBED.

H. EXCESS MATERIALS, IF NOT UTILIZED AS FILL, SHALL BE COMPLETELY REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF OFF-SITE BY THE CONTRACTOR.

I. ALL EARTHWORK SHALL BE DONE UNDER THE SUPERVISION OF AN ILLINOIS LICENSED ENGINEER WHO SPECIALIZES IN THE GEOTECHNICAL FIELD (SOILS ENGINEER). THIS ENGINEER WILL BE RESPONSIBLE FOR ENSURING THAT ALL UNSUITABLE MATERIALS ARE REMOVED, ALL STRUCTURAL FILL MATERIALS ARE PROPERLY PLACED AND COMPACTED, ALL PAVEMENT SUBGRADES ARE PROPERLY PREPARED, PROOF ROLLING SUBGRADES AND BASE COURSES, AND ENSURING THAT ALL WATER RETAINING EMBANKMENTS ARE PROPERLY CONSTRUCTED. THE DEVELOPER PAYS FOR ALL GEOTECHNICAL SERVICES.

2. TOPSOIL EXCAVATION INCLUDES:

A. EXCAVATION OF TOPSOIL AND OTHER STRUCTURALLY UNSUITABLE MATERIALS WITHIN THOSE AREAS THAT WILL REQUIRE EARTH EXCAVATION OR COMPACTED EARTH FILL MATERIAL. EXISTING VEGETATION SHALL BE REMOVED PRIOR TO STRIPPING TOPSOIL OR FILLING AREAS.

B. PLACEMENT OF THE EXCAVATED MATERIAL IN OWNER DESIGNATED AREAS FOR FUTURE USE WITHIN AREAS TO BE LANDSCAPED, AND THOSE AREAS NOT REQUIRING STRUCTURAL FILL MATERIAL. PROVIDE NECESSARY EROSION CONTROL MEASURES FOR STOCKPILE.

C. TOPSOIL STOCKPILED FOR RESPREAD SHALL BE FREE OF CLAY AND SHALL NOT CONTAIN ANY OF THE TRANSITIONAL MATERIAL BETWEEN THE TOPSOIL AND CLAY. THE TRANSITIONAL MATERIAL SHALL BE USED IN NON-STRUCTURAL FILL AREAS OR DISPOSED OF OFF-SITE.

D. TOPSOIL RESPREAD SHALL INCLUDE HAULING AND SPEADING 6" OF TOPSOIL OVER AREAS TO BE LANDSCAPED WHERE SHOWN ON THE PLANS OR DIRECTED BY THE OWNER.

E. MODERATE COMPACTION IS REQUIRED IN NON-STRUCTURAL FILL AREAS.

3. EARTH EXCAVATION INCLUDES:

A. EXCAVATION OF CLAY AND OTHER MATERIALS WHICH ARE SUITABLE FOR USE AS STRUCTURAL FILL. THE EXCAVATION SHALL BE TO WITHIN A TOLERANCE OF 0.1 FEET OF THE PLAN SUBGRADE ELEVATIONS WHILE MAINTAINING PROPER DRAINAGE. THE TOLERANCE WITHIN PAVEMENT AREAS SHALL BE SUCH THAT THE EARTH MATERIALS SHALL "BALANCE" DURING THE FINE GRADING OPERATION.

B. PLACEMENT OF THE CLAY AND OTHER SUITABLE MATERIALS SHALL BE WITHIN THOSE AREAS REQUIRING STRUCTURAL FILL IN ORDER TO ACHIEVE THE PLAN SUBGRADE ELEVATIONS TO WITHIN A TOLERANCE OF 0.1 FEET. THE FILL MATERIAL SHALL BE PLACED IN LOOSE LIFTS THAT SHALL NOT EXCEED EIGHT (8) INCHES IN THICKNESS, AND THE WATER CONTENT SHALL BE ADJUSTED IN ORDER TO ACHIEVE REQUIRED COMPACTION.

STRUCTURAL FILL MATERIAL MAY BE PLACED WITHIN THOSE PORTIONS OF THE SITE NOT REQUIRING STRUCTURAL FILL, TO WITHIN SIX (6) INCHES OF THE PLAN FINISHED GRADE ELEVATION. IN AREAS REQUIRING STRUCTURAL FILL, HOWEVER, THIS MATERIAL SHALL NOT BE PLACED OVER TOPSOIL OR OTHER UNSUITABLE MATERIALS UNLESS SPECIFICALLY DIRECTED BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.

C. COMPACTION OF THE CLAY AND OTHER SUITABLE MATERIALS, SHALL BE TO AT LEAST 93% OF THE MODIFIED PROCTOR DRY DENSITY WITHIN PROPOSED PAVEMENT AREAS, SIDEWALK, ETC. COMPACTION SHALL BE AT LEAST 95% OF THE MODIFIED PROCTOR WITHIN PROPOSED BUILDING PAD AREAS.

D. EXCAVATION: QUANTITIES OF EARTH EXCAVATION INDICATED ELSEWHERE IN THIS CONTRACT HAVE BEEN COMPUTED BY THE END AREA METHOD AS PROVIDED FOR IN SECTION 202 OF THE STANDARD SPECIFICATIONS. EXCAVATED MATERIALS NOT NEEDED FOR THIS JOB SITE SHALL BE LEGALLY DISPOSED OF. PAYMENT SHALL BE MADE AT THE CONTRACT UNIT PRICE PER CUBIC YARD OF EARTH EXCAVATION.

4. UNSUITABLE MATERIAL

UNSUITABLE MATERIAL SHALL BE CONSIDERED AS MATERIAL WHICH IS NOT SUITABLE FOR THE SUPPORT OF PAVEMENT AND BUILDING CONSTRUCTION, AND IS ENCOUNTERED BELOW NORMAL TOPSOIL DEPTHS AND THE PROPOSED SUBGRADE ELEVATION. THE DECISION TO REMOVE SAID MATERIAL, AND TO WHAT EXTENT, SHALL BE MADE BY A SOILS ENGINEER WITH THE CONCURRENCE OF THE OWNER.

5. MISCELLANEOUS THE CONTRACTOR SHALL:

A. SPREAD AND COMPACT UNIFORMLY TO THE DEGREE SPECIFIED ALL EXCESS TRENCH SPOIL AFTER COMPLETION OF THE UNDERGROUND IMPROVEMENTS.

B. SCARIFY, DISC, AERATE, AND COMPACT, TO THE DEGREE SPECIFIED, THE UPPER TWELVE (12) INCHES OF THE SUITABLE SUBGRADE MATERIAL, IN ALL AREAS THAT MAY BE SOFT DUE TO EXCESS MOISTURE CONTENT. THIS APPLIES TO CUT AREAS AS WELL AS FILL AREAS.

C. PROVIDE WATER TO ADD TO DRY MATERIAL IN ORDER TO ADJUST THE MOISTURE CONTENT FOR THE PURPOSE OF ACHIEVING THE SPECIFIED COMPACTION.

D. BACKFILL THE CURB AND GUTTER AFTER ITS CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE MATERIAL. THE CURBS SHALL NOT BE BACKFILLED UNTIL THE CONCRETE HAS CURED FOR AT LEAST 7 DAYS.

E. TRENCH COMPACTION: ALL TRENCHES SHALL BE COMPACTED BY MECHANICAL TECHNIQUES APPROVED BY THE SOILS ENGINEER UNTIL PROPER COMPACTION IS ACHIEVED. THE REQUIREMENT FOR MECHANICAL COMPACTION MAY BE WAIVED IF, IN THE OPINION OF THE SOILS ENGINEER AND THE MUNICIPAL ENGINEER, THE BACKFILLED TRENCHES MEET THE DENSITY REQUIREMENTS. JETTING OF TRENCHES FOR COMPACTION WILL NOT BE ALLOWED.

6. TESTING AND FINAL ACCEPTANCE

A. THE CONTRACTOR SHALL PROVIDE AS A MINIMUM, A FULLY LOADED SIX-WHEEL TANDEM AXLE TRUCK FOR PROOF ROLLING THE PAVEMENT SUBGRADE PRIOR TO THE PLACEMENT OF THE CURB AND GUTTER AND THE BASE MATERIAL. THIS SHALL BE WITNESSED BY MUNICIPAL ENGINEER AND THE OWNER. SEE PAVING SPECIFICATION.

B. ANY UNSUITABLE AREA ENCOUNTERED AS A RESULT OF PROOF ROLLING SHALL BE REMOVED AND REPLACED WITH SUITABLE MATERIAL, OR OTHERWISE CORRECTED, APPROVED BY THE SOILS CONSULTANT.

C. ANY TESTING THAT IS REQUIRED OF THIS CONSTRUCTION IS CONSIDERED INCIDENTAL TO THE COST OF CONSTRUCTION. NO SEPARATE PAYMENT WILL BE MADE.

SIGNING AND PAVEMENT MARKING

1. ALL SIGNING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC), MUNICIPAL CODE AND THESE PLANS.

2. CONTRACTOR SHALL ESTABLISH LOCATION OF ALL SIGNS AND MARKINGS FOR APPROVAL BY THE OWNER PRIOR TO INSTALLATION.

3. SIGNS: SIGNS SHALL BE CONSTRUCTED OF 0.080 INCH THICK FLAT ALUMINUM PANELS WITH REFLECTORIZED LEGEND ON THE FACE IN ACCORDANCE WITH (SSRBC) SECTION 720. LEGEND SHALL BE IN ACCORDANCE WITH MUTCD AND AS SHOWN ON THE PLANS.

4. POSTS: SIGN POSTS SHALL BE A HEAVY DUTY STEEL "U" SHAPED CHANNEL WEIGHING 3.0 POUNDS/FOOT SUCH AS A TYPE B METAL POST PER (SSRBC) SECTION 729 [OR: 2" PERFORATED STEEL TUBE PER (SSRBC) SECTION 728].

5. SIGNS AND POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE ABOVE (SSRBC) SECTIONS AND IDOT STANDARD 729001 EXCEPT AS MODIFIED BY THE PLANS.

6. PAVEMENT MARKINGS: ALL PAVEMENT MARKINGS IN THE ROADWAY LIMITS, SUCH AS STOP LINES, CENTERLINES, CROSSWALKS AND DIRECTIONAL ARROWS SHALL BE REFLECTORIZED THERMOPLASTIC PER (SSRBC) SECTION 780, EXCEPT AS MODIFIED BY THE PLANS. [NOTE TO ENGINEER: IDOT PREFERS REFLECTORIZED PAINT ON CONCRETE PAVEMENT - CHECK WITH AGENCY WHO WILL MAINTAIN ROAD.]

7. PAVEMENT MARKINGS ON BIKE PATHS, PARKING LOT STALLS, AND SIMILAR "LOW WEAR" APPLICATION, SHALL BE PAINT IN ACCORDANCE TO (SSRBC) SECTION 780, EXCEPT AS MODIFIED BY THE PLANS. REFLECTIVE BEADS ARE NOT REQUIRED.

8. COLOR, WIDTH, STYLE, AND SIZE OF ALL MARKINGS SHALL BE IN ACCORDANCE WITH (MUTCD) EXCEPT AS MODIFIED BY THE PLANS.

9. THERMOPLASTIC MARKINGS SHALL BE INSTALLED WHEN THE PAVEMENT TEMPERATURE IS 55° F AND RISING. PAINT MARKINGS MAY BE INSTALLED WHEN THE AIR TEMPERATURE IS 50° F AND RISING.

PAVING NOTES

1. GENERAL

A. PAVING WORK INCLUDES FINAL SUBGRADE SHAPING, PREPARATION AND COMPACTION: PLACEMENT OF SUB-BASE OR BASE COURSE MATERIALS: BITUMINOUS BINDER AND/OR SURFACE COURSES: FORMING, FINISHING AND CURING CONCRETE PAVEMENT, CURBS AND WALKS: AND FINAL CLEAN-UP AND ALL RELATED WORK.

B. COMPACTION REQUIREMENTS: [REFERENCE ASTM D-1557 (MODIFIED PROCTOR)] SUB-GRADE = 93%: SUB-BASE = 93%: AGGREGATE BASE COURSE = 95%: BITUMINOUS COURSES = REFER TO SSRBC ARTICLE 406.07. THE SOILS ENGINEER IS RESPONSIBLE FOR ENSURING THAT MATERIALS ARE PROPERLY PLACED AND COMPACTED.

C. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROVIDE PROPER BARRICADING, WARNING DEVICES AND THE SAFE MANAGEMENT OF TRAFFIC WITHIN THE AREA OF CONSTRUCTION. ALL SUCH DEVICES AND THEIR INSTALLATION SHALL CONFORM TO THE ILLINOIS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION AND IN ACCORDANCE WITH THE MUNICIPAL CODE.

2. SUB-GRADE PREPARATION

A. EARTHWORK FOR PROPOSED PAVEMENT SUBGRADE SHALL BE FINISHED TO WITHIN 0.1 FOOT, PLUS OR MINUS, OF PLAN ELEVATION. THE CONTRACTOR SHALL SATISFY HIMSELF THAT THE SUBGRADE HAS BEEN PROPERLY PREPARED AND THAT THE FINISH TOP SUBGRADE ELEVATION HAS BEEN GRADED WITHIN TOLERANCES ALLOWED IN THESE SPECIFICATIONS. UNLESS THE CONTRACTOR ADVISES THE OWNER AND ENGINEER IN WRITING PRIOR TO FINE GRADING FOR BASE COURSE CONSTRUCTION, IT IS UNDERSTOOD THAT HE HAS APPROVED AND ACCEPTS THE RESPONSIBILITY FOR THE SUBGRADE.

B. PRIOR TO THE PLACEMENT OF THE BASE COURSE, THE SUBGRADE MUST BE PROOF ROLLED AND INSPECTED FOR UNSUITABLE MATERIALS AND/OR EXCESSIVE MOVEMENT. THE SOILS ENGINEER SHALL CONDUCT AND THE VILLAGE SHALL WITNESS ALL PROOF ROLLS. IF UNSUITABLE SUBGRADE IS ENCOUNTERED, IT SHALL BE CORRECTED IN A MANNER APPROVED BY THE OWNER OR HIS REPRESENTATIVE. THIS MAY INCLUDE ONE OR MORE OF THE FOLLOWING METHODS:
1) SCARIFY DISC AND AERATE.
2) REMOVE AND REPLACE WITH STRUCTURAL CLAY FILL.
3) REMOVE AND REPLACE WITH GRANULAR MATERIAL.
4) USE OF GEOTEXTILE FABRIC.

MAXIMUM DEFLECTION ALLOWED IN ISOLATED AREAS MAY BE 1/4" TO 1/2" IF NO DEFLECTION OCCURS OVER THE MAJORITY OF THE AREA.

C. PRIOR TO THE CONSTRUCTION OF THE CURB AND GUTTER AND THE PLACEMENT OF THE BASE MATERIAL, THE PAVEMENT AREA SHALL BE FINE GRADED TO WITHIN 0.04 FEET (1/2") OF FINAL SUBGRADE ELEVATION, TO A POINT TWO (2) FEET BEYOND THE BACK OF CURB. SO AS TO INSURE THE PROPER THICKNESS OF PAVEMENT COURSES. NO CLAIMS FOR EXCESS QUANTITY OF BASE MATERIALS DUE TO IMPROPER SUBGRADE PREPARATION WILL BE HONORED.

D. PRIOR TO PLACEMENT OF THE BASE COURSE, ALL SUBGRADES MUST BE APPROVED BY THE MUNICIPAL ENGINEER, SOILS ENGINEER AND/OR OWNER.

3. CONCRETE WORK

A. ALL EXTERIOR CONCRETE SHALL BE PORTLAND CEMENT CONCRETE CLASS SI OR PV PER (SSRBC) SECTION 1020.04 WITH AIR ENTRAINMENT OF NOT LESS THAN FIVE (5%) OR MORE THAN EIGHT (8%) PERCENT. CONCRETE SHALL BE A MINIMUM OF SIX (6) BAG MIX AND SHALL DEVELOP A MINIMUM OF 3,500 PSI COMPRESSIVE STRENGTH AT FOURTEEN (14) DAYS. ALL CONCRETE SHALL BE BROOM FINISHED PERPENDICULAR TO THE DIRECTION OF TRAVEL. THE ADDITION OF CALCIUM CHLORIDE AND THE SUBSTITUTION OF FLY ASH FOR PORTLAND CEMENT IS PROHIBITED. 1.50 lbs OF COLLATED, FILLIBRATED, POLYPROPYLENE OLEFIN FIBERS 0.50 TO 0.75 INCHES IN LENGTH SHALL BE ADDED TO EACH CUBIC YARD OF CONCRETE USED FOR SIDEWALKS. THE FIBERS SHALL BE AS MANUFACTURED UNDER THE NAME "FIBERMESH" OR EQUAL.

B. CONCRETE CURB AND/OR COMBINATION CURB AND GUTTER SHALL BE OF THE TYPE SHOWN ON THE PLANS. THE CONTRACTOR IS CAUTIONED TO REFER TO THE CONSTRUCTION STANDARDS AND THE PAVEMENT CROSS-SECTION TO DETERMINE THE GUTTER FLAG THICKNESS AND THE AGGREGATE BASE COURSE THICKNESS BENEATH THE CURB AND GUTTER. PREMOLDED FIBER EXPANSION JOINTS, WITH THE 3/4" X 18" EPOXY COATED STEEL DOWEL BARS, SHALL BE INSTALLED AT SIXTY (60) FOOT INTERVALS AND AT ALL PC'S, PT'S AND CURB RETURNS. ALTERNATE ENDS OF THE DOWEL BARS SHALL BE GREASED AND FITTED WITH METAL EXPANSION TUBES. SAWED OR FORMED CONTRACTION JOINTS SHALL BE PROVIDED AT NO GREATER THAN FIFTEEN (15) FOOT INTERVALS BETWEEN EXPANSION JOINTS. NO HONEY-COMBING OF THE CURB AND GUTTER WILL BE ACCEPTED.

C. CURBS SHALL BE DEPRESSED AT LOCATIONS WHERE PUBLIC WALKS/PEDESTRIAN PATHS INTERSECT CURB LINES, AND OTHER LOCATIONS AS DIRECTED, FOR THE PURPOSE OF PROVIDING ACCESSIBILITY. (SEE CONSTRUCTION STANDARDS FOR DETAIL). BARRIER CURB SHALL ALSO BE DEPRESSED AT DRIVEWAY LOCATIONS.

D. THE CURBS SHALL BE BACKFILLED AFTER THEIR CONSTRUCTION AND PRIOR TO THE PLACEMENT OF THE BASE COURSE. THE CONCRETE MUST CURE FOR AT LEAST SEVEN DAYS BEFORE THE CURBS ARE BACKFILLED.

E. CONCRETE SIDEWALK SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS. PROVIDE SCORED JOINTS AT 5 FOOT INTERVALS AND 1/2" PREMOLDED FIBER EXPANSION JOINTS AT 50 FOOT INTERVALS, AND ADJACENT TO CONCRETE CURBS, DRIVEWAYS, FOUNDATIONS, ETC.

F. CONCRETE DRIVEWAY APRONS SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS. PROVIDE 6" X 6" NO. 6 WELDED WIRE MESH IN DRIVEWAYS. PROVIDE 1/2" PREMOLDED FIBER EXPANSION JOINT ADJACENT TO CURBS AND CONCRETE SIDEWALKS. PROVIDE SAWED OR FORMED CONTRACTION JOINT AT MID-POINT AND 15 FOOT MAXIMUM.

G. STANDARD REINFORCED CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH THE ABOVE AND THE PLANS. SAWED OR FORMED CONTRACTION EXPANSION JOINTS SHALL BE AS SHOWN ON THE PLANS.

H. CONCRETE CURING AND PROTECTION SHALL BE IN ACCORDANCE WITH (SSRBC) - METHOD I, II, OR III.

I. THE COST OF AGGREGATE BASE OR SUB-BASE UNDER CONCRETE WORK SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONCRETE ITEM.

4. FLEXIBLE PAVEMENT

A. THE PAVEMENT MATERIALS FOR BITUMINOUS STREETS, PARKING LOTS, DRIVEWAYS, SIDEWALKS AND PATHS SHALL BE AS DETAILED ON THE PLANS. UNLESS OTHERWISE SHOWN ON THE PLANS, THE FLEXIBLE PAVEMENTS SHALL CONSIST OF AGGREGATE BASE COURSE, TYPE B; BITUMINOUS CONCRETE BINDER COURSE; AND BITUMINOUS CONCRETE SURFACE COURSE; OF THE THICKNESS AND MATERIALS SPECIFIED ON THE PLANS. THICKNESSES SPECIFIED SHALL BE CONSIDERED TO BE THE MINIMUM COMPACTED THICKNESS. THE PAVING IS TO BE DONE IN ACCORD WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.

B. ALL TRAFFIC SHALL BE KEPT OFF THE COMPLETED AGGREGATE BASE UNTIL THE BINDER COURSE IS LAID. THE AGGREGATE BASE SHALL BE UNIFORMLY PRIME COATED AT A RATE OF 0.4 TO 0.5 GALLONS PER SQUARE YARD PRIOR TO PLACING THE BINDER COURSE. PRIME COAT MATERIALS SHALL BE BITUMINOUS M.C. - 30.

C. PRIOR TO PLACEMENT OF THE SURFACE COURSE, THE BINDER COURSE SHALL BE CLEANED, AND TACK COATED IF DUSTY OR DIRTY. ALL DAMAGED AREAS IN THE BINDER, BASE OR CURB SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER PRIOR TO LAYING THE SURFACE COURSE. THE CONTRACTOR SHALL PROVIDE WHATEVER EQUIPMENT AND MANPOWER NECESSARY, INCLUDING THE USE OF POWER BROOMS IF REQUIRED BY THE OWNER, TO PREPARE THE PAVEMENT FOR APPLICATION OF THE SURFACE COURSE. THE TACK COAT SHALL BE UNIFORMLY APPLIED TO THE BINDER COURSE AT A RATE OF 0.05 TO 0.10 GALLONS PER SQUARE YARD. TACK COAT SHALL BE AS SPECIFIED IN (SSRBC) SECTION 406.02.

D. SEAMS IN BASE, BINDER AND SURFACE COURSE SHALL BE STAGGERED A MINIMUM OF 6'.

E. FOR NEW STREETS, THE CONTRACTOR SHALL PERMIT THE BITUMINOUS CONCRETE BINDER COURSE TO WEATHER ONE (1) WINTER SEASON PRIOR TO THE INSTALLATION OF THE BITUMINOUS CONCRETE SURFACE COURSE UNLESS OTHERWISE SPECIFIED BY THE MUNICIPAL ENGINEER OR OWNER.

5. TESTING AND FINAL ACCEPTANCE

A. THE CONTRACTOR SHALL FOLLOW THE QUALITY CONTROL TESTING PROGRAM FOR CONCRETE AND PAVEMENT MATERIALS ESTABLISHED BY THE OWNER AND/OR MUNICIPALITY. TESTING SHALL BE DONE IN ACCORD WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS AND THE TESTING REQUIREMENTS OF THE MUNICIPALITY.

B. WHEN REQUESTED BY THE OWNER, TEST RESULTS AND DOCUMENTATION FOR THE CONCRETE, BASE COURSE, BITUMINOUS CONCRETE BINDER, AND/OR SURFACE COURSE, SHALL BE SUBMITTED FOR VERIFICATION.

C. PRIOR TO PLACEMENT OF THE BITUMINOUS CONCRETE SURFACE COURSE, THE CONTRACTOR, WHEN REQUIRED BY THE OWNER OR MUNICIPALITY, SHALL OBTAIN SPECIMENS OF THE BINDER COURSE WITH A CORE DRILL WHERE DIRECTED, FOR THE PURPOSE OF THICKNESS VERIFICATION.

D. WHEN REQUIRED BY THE OWNER OR MUNICIPALITY, THE CONTRACTOR SHALL OBTAIN SPECIMENS OF THE FULL DEPTH BITUMINOUS CONCRETE PAVEMENT STRUCTURE WITH A CORE DRILL WHERE DIRECTED, IN ORDER TO CONFIRM THE PLAN THICKNESS. DEFICIENCIES IN THICKNESS SHALL BE ADJUSTED FOR BY THE METHOD DESCRIBED IN (SSRBC), ART. 407.10.

E. FINAL ACCEPTANCE OF THE TOTAL PAVEMENT INSTALLATION SHALL BE SUBJECT TO THE TESTING AND CHECKING REQUIREMENTS CITED ABOVE.

SANITARY SEWER NOTES

1. GENERAL

A. SANITARY SEWER PIPE SHALL BE PVC (POLYVINYL CHLORIDE) PLASTIC PIPE WITH A STANDARD DIMENSION RATIO (SDR) OF 26 CONFORMING TO ASTM D-3034 WITH PUSH-ON JOINTS CONFORMING TO ASTM D-3212 AND PVC (POLYVINYL CHLORIDE) PLASTIC PIPE WITH A STANDARD DIMENSION RATIO (SDR) OF 21 CONFORMING TO ASTM D-2241 WITH PUSH-ON JOINTS CONFORMING TO ASTM D-3139 AS SHOWN ON THE PLANS. PAYMENT SHALL BE MADE AT THE CONTRACT UNIT PRICE PER LINEAL FOOT OF SANITARY SEWER COMPLETE IN PLACE.

B. SANITARY SEWER PIPE 18" AND LARGER, WHERE NOTED ON THE PLANS, OR WHERE THE IEPA MINIMUM SEPARATION CANNOT BE MAINTAINED, SHALL BE ONE OF THE FOLLOWING:

PLAN CODE DESCRIPTION

DIP: DUCTILE IRON WATERMAIN QUALITY PIPE, CLASS 52, (ANSI A-21.51) WITH MECHANICAL OR O-RING GASKETED JOINTS (ANSI A-21.11).

PVC: PRESSURE RATED PVC PIPE MEETING ASTM D-2241 WITH ASTM D-3139 GASKETED JOINT, SDR 26

C. "BAND-SEAL" OR SIMILAR FLEXIBLE TYPE COUPLINGS SHALL BE USED WHEN CONNECTING SEWER PIPES OF DISSIMILAR MATERIALS. "BAND-SEAL", "FERNCO", AND "MISSION" TYPE COUPLINGS SHALL NOT BE USED ON ANY SEWER MAIN.

D. ALL SANITARY SEWERS ARE TO BE CONSTRUCTED USING A LASER INSTRUMENT TO MAINTAIN LINE AND GRADE.

E. ALL FLOOR DRAINS SHALL CONNECT TO THE SANITARY SEWER.

F. CONNECTIONS TO EXISTING SANITARY SEWER SYSTEM SHALL NOT BE DONE UNTIL AUTHORIZED BY THE MUNICIPALITY.

G. WATERMAINS SHALL BE SEPARATED FROM SANITARY SEWERS AND STORM SEWERS IN ACCORDANCE WITH IEPA REQUIREMENTS AS SPECIFIED IN "WATER MAIN" SECTION.

H. NO WATER LINE SHALL BE PLACED IN THE SAME TRENCH AS A SEWER LINE EXCEPT UNDER SPECIAL CIRCUMSTANCES AND THEN ONLY UNDER THE FOLLOWING RULES:

a) PERMISSION SHALL BE OBTAINED FROM THE MUNICIPAL ENGINEERING DEPARTMENT IN WRITING PRIOR TO BEGINNING CONSTRUCTION.
b) THE BOTTOM OF A WATER LINE SHALL BE INSTALLED ON A SHELF A MINIMUM OF 18" ABOVE THE TOP OF THE SEWER AND 18" HORIZONTALLY AWAY FROM THE EDGE OF THE SEWER.

2. BEDDING:

A. BEDDING SHALL CONSIST OF A MINIMUM OF FOUR (4") INCHES OF COMPACTED CRUSHED GRAVEL OR STONE, 1/4" - 3/4" IN SIZE. THE SEWER SHALL HAVE MECHANICALLY TAMPED CRUSHED GRAVEL OR STONE COVER ABOVE THE TOP OF THE PIPE TO A MINIMUM OF TWELVE (12") INCHES FOR PVC PIPE AND TO THE SPRING LINE FOR DIP. THE BEDDING AND COVER MATERIAL SHALL BE ASTM D-2321 CLASS II FOR PVC PIPE AND ASTM D-448 SIZE 67 FOR DIP PIPE. THE COST OF THE BEDDING AND COVER SHALL BE MERGED WITH THE UNIT PRICE BID FOR THE SEWER.

B. ALL UNSUITABLE MATERIAL SHALL BE REMOVED BELOW THE PROPOSED SANITARY SEWER AND REPLACED WITH COMPACTED CA-6 CRUSHED GRAVEL OR STONE.

C. ALL TRENCHES BENEATH PROPOSED OR EXISTING UTILITIES, PAVEMENTS, ROADWAYS, SIDEWALKS, AND FOR A DISTANCE OF FIVE (5') FEET ON EITHER SIDE OF SAME, AND/OR WHERE SHOWN ON THE PLANS, SHALL BE BACKFILLED WITH SELECT GRANULAR BACKFILL (CA-6) AND THOROUGHLY MECHANICALLY COMPACTED IN 9" THICK (LOOSE MEASUREMENT) LAYERS. JETTING WITH WATER IS NOT PERMITTED. REFER TO THE TRENCH BACKFILL LIMITS DETAIL.

3. MANHOLES:

A. SANITARY SEWER MANHOLES SHALL BE 4'-0" I.D. PRECAST CONCRETE SECTIONS CONFORMING TO ASTM D-478 WITH PREFORMED BITUMINOUS OR "O" RING JOINTS, IN ACCORDANCE WITH MUNICIPAL EQUATIONS. MANHOLES SHALL HAVE AN ECCENTRIC CONE INSTALLED TO LINE UP WITH THE MANHOLE STEPS. ALL MANHOLE STEPS SHALL BE AT 16" O.C. SIMILAR TO NEENAH R-1980.

B. ALL PIPE CONNECTION OPENINGS SHALL BE PRECAST WITH RESILIENT RUBBER WATER TIGHT SLEEVES. THE BOTTOM OF MANHOLE SHALL HAVE A CONCRETE BENCH POURED TO FACILITATE SMOOTH FLOWS.

4. FRAMES AND LIDS:

A. ALL SANITARY SEWER MANHOLE FRAMES AND LIDS SHALL BE NEENAH R-1712 UNLESS OTHERWISE NOTED ON THE PLANS. THE LIDS SHALL HAVE RECESSED (CONCEALED) PICK HOLE AND BE SELF SEALING WITH AN "O" RING GASKET. THE LIDS SHALL HAVE THE WORDS "SANITARY" EMBOSSED ON THE SURFACE. THE JOINTS BETWEEN FRAME AND CONCRETE SECTION SHALL BE SEALED WITH A BUTYL ROPE.

B. A MAXIMUM OF EIGHT (8) INCHES OF CONCRETE ADJUSTING RINGS SHALL BE USED TO ADJUST FRAME ELEVATIONS. RINGS SHALL BE SEALED TOGETHER WITH BUTYL ROPE.

5. DROP MANHOLE ASSEMBLIES:

A. DROP MANHOLE ASSEMBLIES: DROP MANHOLE ASSEMBLIES SHALL BE PROVIDED AT THE JUNCTION OF SANITARY SEWERS WHERE THE DIFFERENCE IN INVERT GRADES EXCEEDS TWO FEET (2'), OR AS SHOWN ON THE PLANS. THE ENTIRE DROP ASSEMBLY SHALL BE CAST IN CONCRETE MONOLITHICALLY WITH THE MANHOLE BARREL SECTION.

6. CLEANING:

A. ALL MANHOLES AND PIPES SHALL BE THOROUGHLY CLEANED OF DIRT AND DEBRIS, AND ALL VISIBLE LEAKAGE ELIMINATED, BEFORE FINAL INSPECTION AND ACCEPTANCE.

7. TESTING:

A. DEFLECTION AND LEAKAGE TESTING WILL BE REQUIRED. THE PROCEDURE AND ALLOWABLE TESTING LIMITS SHALL BE AS SPECIFIED IN THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", OR MUNICIPAL CODES. IN THE EVENT OF A DISCREPANCY BETWEEN THE STANDARD SPECIFICATIONS AND THE MUNICIPAL CODE, THE MUNICIPAL CODE SHALL GOVERN. THE FULL LENGTH OF THE SANITARY SEWER IS REQUIRED TO BE BOTH AIR TESTED AND DEFLECTION TESTED.

B. TESTING THE ALIGNMENT/STRAIGHTNESS SHALL BE IN ACCORDANCE WITH MUNICIPAL CODE.

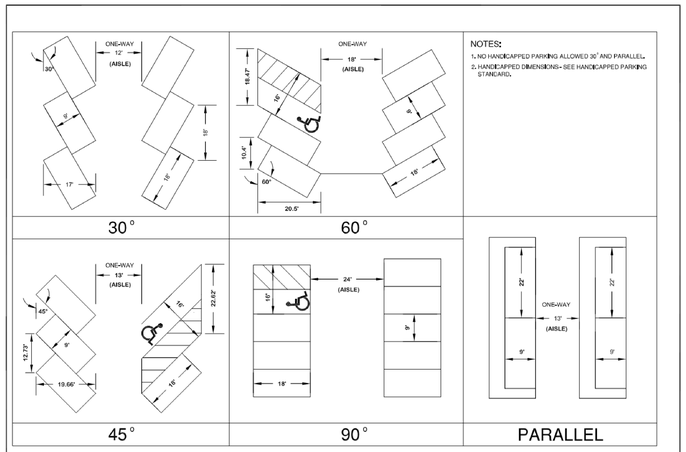
C. TESTING OF MANHOLES TO BE IN ACCORDANCE WITH ASTM C-969.

8. TELEVISING:

A. ALL SANITARY SEWERS SHALL BE TELEVISED AND A COPY OF THE TAPE /DVD AND A WRITTEN REPORT SHALL BE SUBMITTED AND REVIEWED BY THE OWNER OR MUNICIPALITY BEFORE FINAL ACCEPTANCE. THE REPORT SHALL INCLUDE STUB LOCATION AS WELL AS A DESCRIPTION OF ALL DEFECTS, WATER LEVEL, LEAKS AND LENGTHS. IDENTIFY MANHOLE TO MANHOLE BOTH VERBALLY AND ON-SCREEN USING MANHOLE NUMBERS FROM APPROVED PLANS. ORDER OF WRITTEN REPORT SHALL BE THE SAME AS THE VIDEO TAPES/DVDS.

9. TEST RESULTS:

A. IF THE SANITARY SEWER INSTALLATION FAILS TO MEET THE TEST REQUIREMENTS SPECIFIED, THE CONTRACTOR SHALL DETERMINE THE CAUSE OR CAUSES OF THE DEFECT AND SHALL, AT HIS O



NOTES:

1. NO HANDICAPPED PARKING ALLOWED 30° AND PARALLEL.
2. HANDICAPPED DIMENSIONS - SEE HANDICAPPED PARKING STANDARD.

30° | 60° | PARALLEL | 45° | 90°

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PARKING STALL STANDARD

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FILE LOCATION
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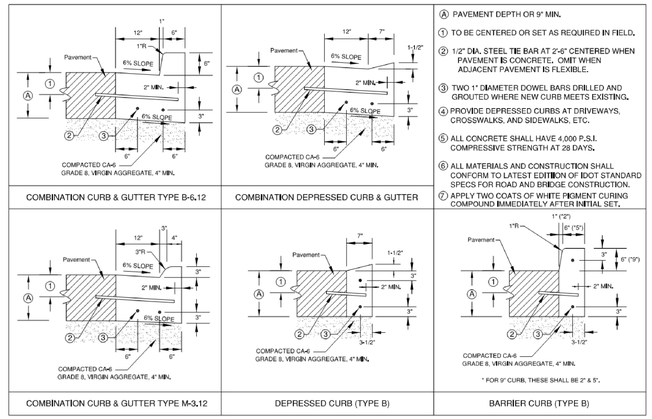
REVISIONS



Ⓐ PAVEMENT DEPTH OR 9" MIN.

① TO BE CENTERED OR SET AS REQUIRED IN FIELD.

② 1/2" DIA. STEEL TIE BAR AT 2'-6" CENTERED WHEN PAVEMENT IS CONCRETE. OMIT WHEN ADJACENT PAVEMENT IS FLEXIBLE.

③ TWO 1" DIAMETER DOWEL BARS DRILLED AND GROUTED WHERE NEW CURB MEETS EXISTING.

④ PROVIDE DEPRESSED CURBS AT DRIVEWAYS, CROSSWALKS, AND SIDEWALKS, ETC.

⑤ ALL CONCRETE SHALL HAVE 4,000 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS.

⑥ ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO LATEST EDITION OF IDOT STANDARD SPECS FOR ROAD AND BRIDGE CONSTRUCTION.

⑦ APPLY TWO COATS OF WHITE PIGMENT CURING COMPOUND IMMEDIATELY AFTER INITIAL SET.

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CURB AND GUTTER STANDARD

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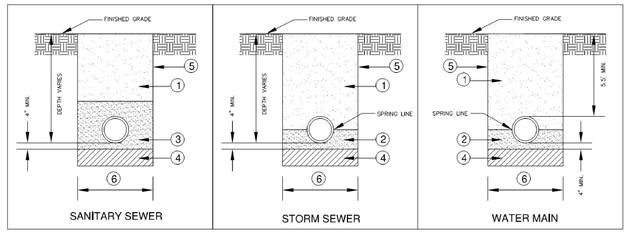

NOTES:

1. BACKFILL & COMPACT GRANULAR TRENCH BACKFILL (CA-6, GRADE 8, CRUSHED LIMESTONE) UNDER STREET PAVEMENT, DRIVEWAYS, AND SIDEWALK OR ANY OTHER PAVED AREAS. EXCAVATED MATERIAL (SPOILS) MAY BE USED IN NON-PAVED AREAS.
2. CA-7 CRUSHED LIMESTONE OR OTHER APPROVED SELECT BACKFILL. TAMPED INTO PLACE TO SPRING LINE OF PIPE.
3. CA-7 CRUSHED LIMESTONE OR OTHER APPROVED SELECT BACKFILL. TAMPED TO 12" MINIMUM ABOVE TOP OF PIPE.
4. IF ENCOUNTERED, REMOVE UNSUITABLE MATERIALS AND REPLACE WITH 4" STONE AS DIRECTED BY THE TESTING AGENCY OR THE VILLAGE ENGINEER
5. TRENCH SIDES TO BE SLOPED OR SHEETED/SHORED IN ACCORDANCE WITH OSHA REQUIREMENTS.
6. MAXIMUM TRENCH WIDTH = 18" (1'-6") + O.D. + 18" (1' - 6") WHEN TRENCH < 5 FEET
   = 36" (3'-0") + O.D. + 36" (3' - 0") WHEN TRENCH > 5 FEET

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UTILITY TRENCH BACKFILL STANDARD

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SPECIFICATIONS AND DETAILS
FILE LOCATION
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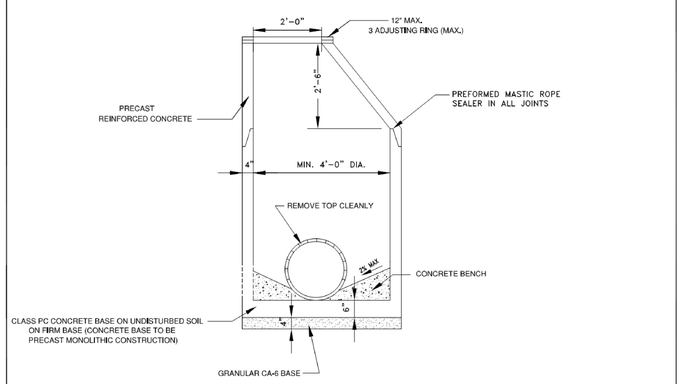
REVISIONS



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STORM MANHOLE STANDARD

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SPECIFICATIONS AND DETAILS
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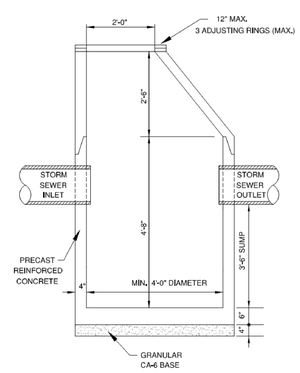

CATCH BASIN (TYPE A)

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CATCH BASIN (TY A) STANDARD

VILLAGE OF BENSENVILLE
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FILE LOCATION
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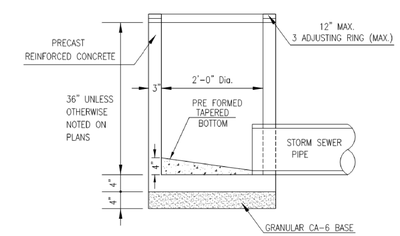
REVISIONS



INLET (TYPE A)

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STORM INLET (TY A) STANDARD

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SPECIFICATIONS AND DETAILS
FILE LOCATION
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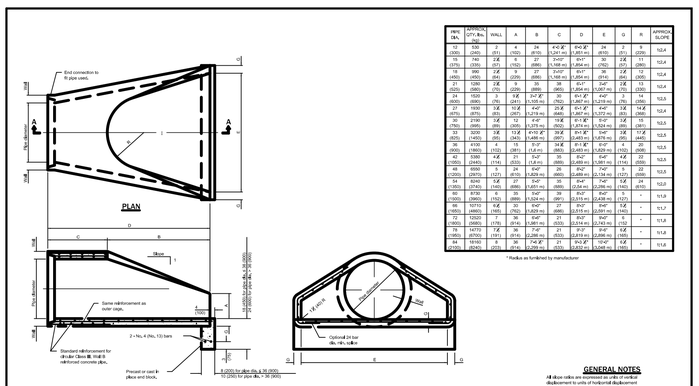
REVISIONS



NRPC DIA.	APPROX. QTY. Bfs.	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
12 (300)	630 (240)	2 (51)	4 (102)	24 (610)	4'-0" 8" (1,241 m)	5'-0" 8" (1,651 m)	24 (610)	3 (51)	18 (229)	1(2.4
15 (375)	740 (335)	2 (51)	4 (102)	27 (686)	5'-0" (1,168 m)	6'-1" (1,854 m)	30 (762)	3 (51)	21 (286)	1(2.4
18 (450)	990 (450)	2 (51)	5 (127)	27 (686)	5'-0" (1,168 m)	6'-1" (1,854 m)	36 (914)	3 (51)	12 (84)	1(2.4
21 (525)	1280 (580)	2 (51)	5 (127)	27 (686)	5'-0" (1,168 m)	6'-1" (1,854 m)	42 (1,067 m)	3 (76)	12 (100)	1(2.4
24 (600)	1520 (690)	3 (76)	5 (127)	27 (686)	5'-0" (1,168 m)	6'-1" (1,854 m)	48 (1,219 m)	3 (76)	12 (100)	1(2.4
27 (675)	1930 (875)	3 (76)	10 (127)	4'-0" (1,219 m)	23 (584)	6'-1 8" (1,867 m)	4'-0" (1,219 m)	3 (76)	14 (356)	1(2.4
30 (750)	2150 (975)	3 (76)	12 (305)	4'-0" (1,219 m)	23 (584)	6'-1 8" (1,874 m)	5'-0" (1,524 m)	3 (76)	15 (381)	1(2.5
33 (825)	3200 (1,450)	3 (76)	12 (305)	4'-10 2" (1,486 m)	29 (737)	6'-1 8" (1,874 m)	5'-0" (1,524 m)	3 (76)	17 (432)	1(2.5
36 (900)	3500 (1,600)	4 (102)	15 (381)	5'-0" (1,651 m)	29 (737)	6'-1 8" (1,874 m)	6'-0" (1,829 m)	4 (102)	20 (508)	1(2.5
42 (1050)	5380 (2,440)	4 (102)	21 (533)	5'-0" (1,651 m)	35 (889)	6'-1 8" (2,489 m)	6'-0" (1,829 m)	4 (102)	22 (559)	1(2.5
48 (1200)	6580 (2,875)	5 (127)	24 (610)	5'-0" (1,829 m)	35 (889)	6'-1 8" (2,489 m)	7'-0" (2,134 m)	5 (127)	22 (559)	1(2.5
54 (1350)	8150 (3,740)	5 (127)	27 (686)	5'-0" (1,651 m)	35 (889)	6'-1 8" (2,489 m)	8'-0" (2,286 m)	5 (127)	22 (559)	1(2.5
60 (1500)	9730 (4,410)	6 (152)	30 (889)	5'-0" (3,024 m)	39 (991)	6'-0" (3,315 m)	9'-0" (2,438 m)	5 (127)	-	1(1.8
66 (1650)	10710 (4950)	6.5 (165)	30 (762)	5'-0" (3,429 m)	27 (686)	8'-0" (2,315 m)	9'-0" (2,591 m)	5.5 (140)	-	1(1.7
72 (1800)	12520 (5,670)	7 (178)	36 (914)	6'-0" (3,429 m)	21 (533)	8'-0" (2,315 m)	9'-0" (2,591 m)	6 (152)	-	1(1.8
78 (1950)	14370 (6,800)	7.5 (191)	36 (914)	6'-0" (3,429 m)	21 (533)	8'-0" (2,315 m)	9'-0" (2,896 m)	6.5 (165)	-	1(1.8
84 (2100)	16160 (8240)	8 (203)	36 (914)	6'-0" (3,429 m)	21 (533)	8'-0" (2,632 m)	10'-0" (3,048 m)	6.5 (165)	-	1(1.8

*Radius as furnished by manufacturer

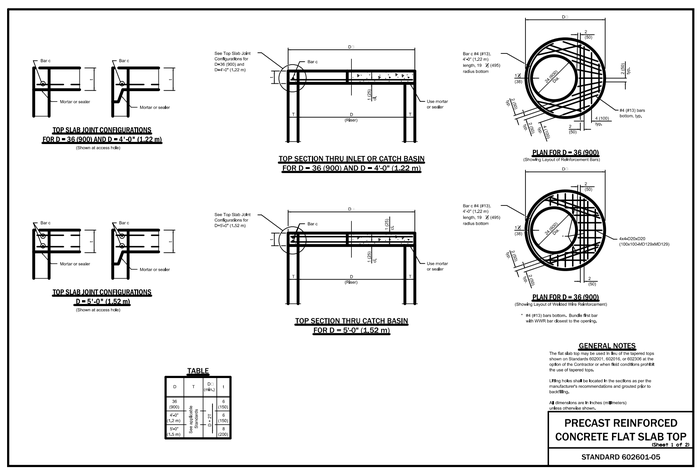
GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are inches (millimeters) unless otherwise shown.

PRECAST REINFORCED CONCRETE FLARED END SECTION

STANDARD 542301-03



TABLE

D	T	O-Wall	I
36 (900)	4'-0" (1.22 m)	6 (152)	6 (150)
60" (1.5 m)	5'-0" (1.52 m)	6 (152)	6 (150)

GENERAL NOTES

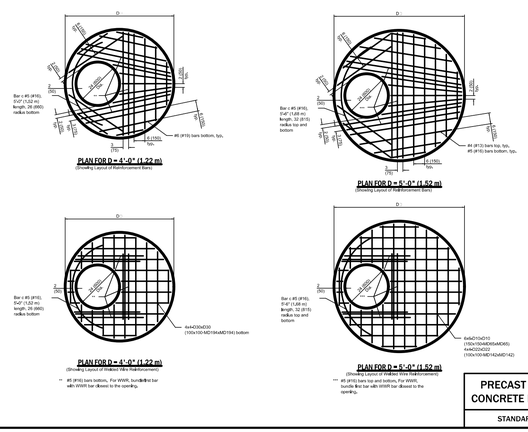
The flat slab top may be used in lieu of the tapered tops shown on Standards 602001, 602016, or 602036 at the option of the Contractor or when field conditions prohibit the use of tapered tops.

Lifting holes shall be located in the sections as per the manufacturer's recommendations and grouted prior to backfilling.

All dimensions are in inches (millimeters) unless otherwise shown.

PRECAST REINFORCED CONCRETE FLAT SLAB TOP
Sheet 1 of 2

STANDARD 602601-05



PRECAST REINFORCED CONCRETE FLAT SLAB TOP
Sheet 2 of 2

STANDARD 602601-05

NO.	DATE	REMARKS

NO.	DATE	REMARKS

DETAILS – 1

BENSENVILLE SPORTS COMPLEX
BENSENVILLE, ILLINOIS

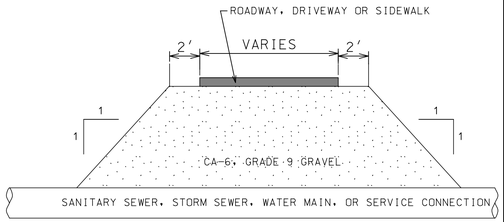
CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065
SPACECO INC.

FILENAME: 5472.06DET01.dgn

DATE: 06/22/18

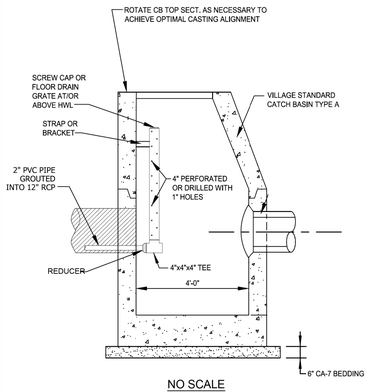
JOB NO. 5472.06

SHEET D1
14 OF 15



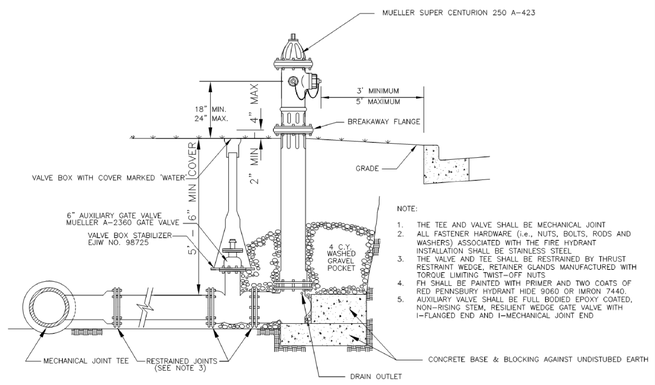
TRENCH BACKFILL LIMITS

NOT TO SCALE



NO SCALE

OCS-302



NOTE:

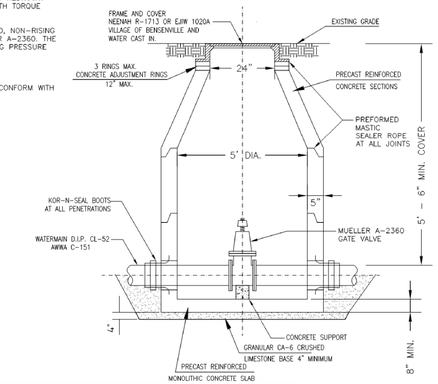
1. THE TEE AND VALVE SHALL BE MECHANICAL JOINT
2. ALL FASTENER HARDWARE (i.e., NUTS, BOLTS, RODS AND WASHERS) ASSOCIATED WITH THE FIRE HYDRANT INSTALLATION SHALL BE STAINLESS STEEL.
3. THE VALVE AND TEE SHALL BE RESTRAINED BY THRUST RESTRAINT WEDGE, RETAINER GLANDS MANUFACTURED WITH TORQUE LIMITING TWIST-OFF NUTS
4. FH SHALL BE PAINTED WITH PRIMER AND TWO COATS OF RED PENNSBURY HYDRANT HIDE 9060 OR IMRON 7440.
5. AUXILIARY VALVE SHALL BE FULL BODIED EPOXY COATED, NON-RISING STEM, RESILIENT WEDGE GATE VALVE WITH I-FLANGED END AND I-MECHANICAL JOINT END

N.T.S.

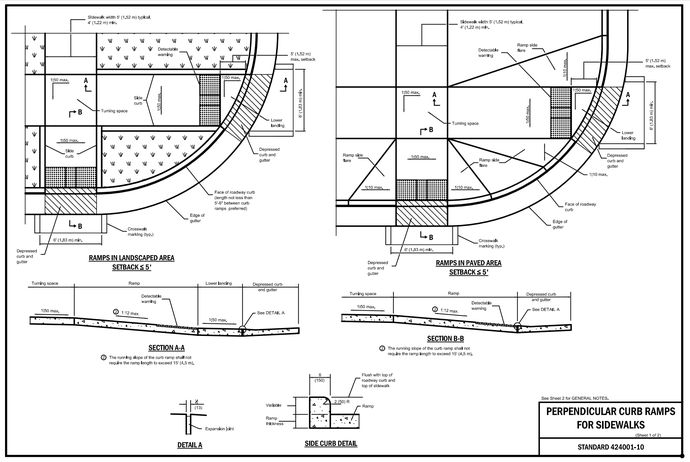
VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	FIRE HYDRANT INSTALLATION STANDARD	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:\ENGINEERING\DIGITAL\STANDARDS\ NEW STANDARDS\WATER	REVISIONS

NOTE:

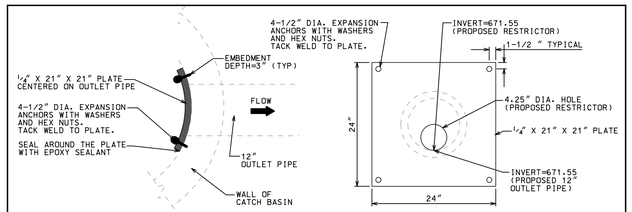
1. THE VALVE SHALL HAVE MECHANICAL JOINTS.
2. ALL FASTENER HARDWARE (i.e. NUTS, BOLTS, & WASHERS) ASSOCIATED WITH THIS VALVE SHALL BE STAINLESS STEEL.
3. STEPS ARE NOT ALLOWED IN WATERMAIN VAULTS.
4. THE VALVE SHALL BE RESTRAINED BY THRUST RESTRAINT WEDGE, RETAINER GLANDS MANUFACTURED WITH TORQUE LIMITING TWIST-OFF NUTS
5. VALVE SHALL BE FULL BODIED EPOXY COATED, NON-RISING STEM, RESILIENT WEDGE GATE VALVE MUELLER A-2360. THE VALVE SHALL HAVE NAME, SIZE, AND WORKING PRESSURE CAST IN.
6. VALVE VAULT SHALL BE WATER-TIGHT.
7. IF PVC WATERMAIN IS PROPOSED, IT SHALL CONFORM WITH AWWA C-900 STANDARDS.



VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	VALVE VAULT (PREFERRED) STANDARD	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:\ENGINEERING\DIGITAL\STANDARDS\ NEW STANDARDS\WATER	REVISIONS



PERPENDICULAR CURB RAMPS FOR SIDEWALKS (Sheet 1 of 2)	STANDARD 424001-10



NOTES:

-THE RESTRICTOR PLATE AND FASTENERS SHALL BE FABRICATED IN STAINLESS STEEL OR DUCTILE IRON

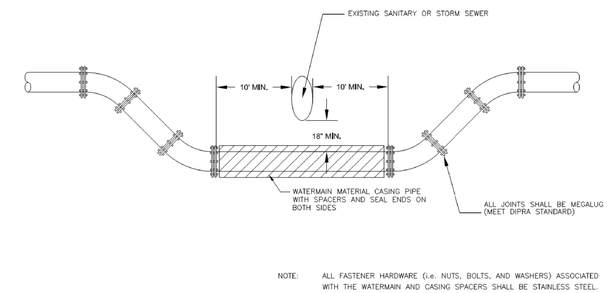
-PLATE SHALL BE CURVED TO MATCH THE INSIDE RADIUS OF THE CATCH BASIN

SECTION

ELEVATION

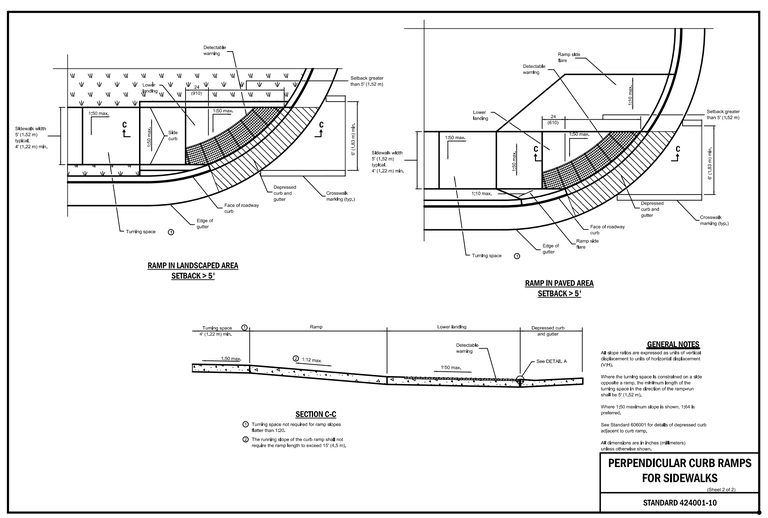
OCS-202 RESTRICTOR PLATE DETAIL

N.T.S.



NOTE: ALL FASTENER HARDWARE (i.e. NUTS, BOLTS, AND WASHERS) ASSOCIATED WITH THE WATERMAIN AND CASING SPACERS SHALL BE STAINLESS STEEL.

VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	WATERMAIN DEPRESSION STANDARD	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:\ENGINEERING\DIGITAL\STANDARDS\ NEW STANDARDS\WATER	REVISIONS



GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

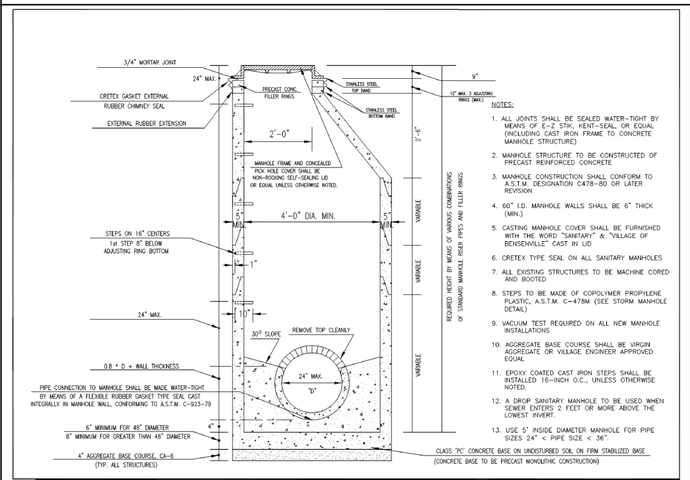
Where the turning space is constrained on a slide opposite a ramp, the minimum length of the turning space in the direction of the ramp run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:54 is preferred.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

All dimensions are in inches (millimeters) unless otherwise shown.

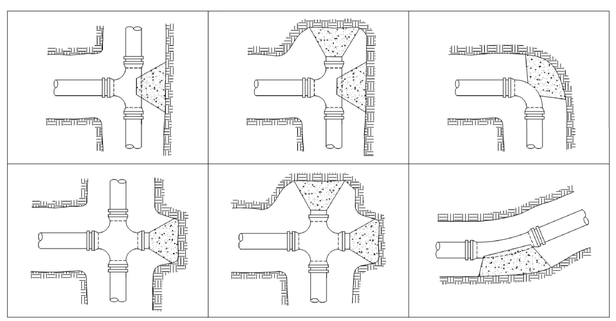
PERPENDICULAR CURB RAMPS FOR SIDEWALKS (Sheet 2 of 2)	STANDARD 424001-10



NOTES:

1. ALL JOINTS SHALL BE SEALED WATER-TIGHT BY MEANS OF E-Z STIK, KENT-SEAL, OR EQUAL (INCLUDING CAST IRON FRAME TO CONCRETE MANHOLE STRUCTURE)
2. MANHOLE STRUCTURE TO BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE
3. MANHOLE CONSTRUCTION SHALL CONFORM TO A.S.T.M. DESIGNATION C478-80 OR LATER REVISION
4. 60" I.D. MANHOLE WALLS SHALL BE 6" THICK (MIN.)
5. CASTING MANHOLE COVER SHALL BE FURNISHED WITH THE WORD "SANITARY" & "VILLAGE OF BENSENVILLE" CAST IN LID
6. CRETEX TYPE SEAL ON ALL SANITARY MANHOLES
7. ALL EXISTING STRUCTURES TO BE MACHINE CORED AND BOOTED
8. STEPS TO BE MADE OF COPOLYMER PROPYLENE PLASTIC, A.S.T.M. C-478M (SEE STORM MANHOLE DETAIL)
9. VACUUM TEST REQUIRED ON ALL NEW MANHOLE INSTALLATIONS
10. AGGREGATE BASE COURSE SHALL BE VIRGIN AGGREGATE OR VILLAGE ENGINEER APPROVED EQUAL
11. EPOXY COATED CAST IRON STEPS SHALL BE INSTALLED 16-INCH O.C., UNLESS OTHERWISE NOTED.
12. A DROP SANITARY MANHOLE TO BE USED WHEN SEWER ENTERS 2 FEET OR MORE ABOVE THE LOWEST INVERT.
13. USE 5' INSIDE DIAMETER MANHOLE FOR PIPE SIZES 24" < PIPE SIZE < 36".

VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	SANITARY MANHOLE STANDARD	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:\ENGINEERING\ STANDARDS\ NEW STANDARDS\SANITARY	REVISIONS



NOTE

1. ALL BLOCKING SHALL BE CONSTRUCTED WITH POURED CLASS X CONCRETE AGAINST UNDISTURBED VERTICAL EARTH FACE WITH A MINIMUM WIDTH OF 12 INCHES.
2. RESTRAINED JOINTS AND THRUST BLOCKS TO BE USED AT ALL BENDS, AT TEES AND AT CROSSES AS SHOWN ABOVE, OR AS REQUIRED PER THE VILLAGE ENGINEER.
3. THE FITTINGS SHALL BE MECHANICAL JOINT.
4. OTHER METHODS MAY BE USED AS AN ALTERNATIVE WHEN APPROVED BY THE VILLAGE ENGINEER.
5. ALL FASTENER HARDWARE (i.e. NUTS, BOLTS, AND WASHERS) ASSOCIATED WITH FITTINGS SHALL BE STAINLESS STEEL.
6. ALL FITTINGS SHALL BE RESTRAINED BY THRUST RESTRAINT WEDGE, RETAINER GLANDS MANUFACTURED WITH TORQUE LIMITING TWIST-OFF NUTS.

VILLAGE OF BENSENVILLE 12 S. CENTER STREET BENSENVILLE, IL 60106 WWW.BENSENVILLE.IL.US	THRUST BLOCK STANDARD	VILLAGE OF BENSENVILLE SPECIFICATIONS AND DETAILS FILE LOCATION G:\ENGINEERING\ STANDARDS\ NEW STANDARDS\WATER	REVISIONS

NO.	DATE	REMARKS

NO.	DATE	REMARKS

DETAILS – 2

BENSENVILLE SPORTS COMPLEX
BENSENVILLE, ILLINOIS

CONSULTING ENGINEERS
SITE DEVELOPMENT ENGINEERS
LAND SURVEYORS
9575 W. Higgins Road, Suite 700,
Rosemont, Illinois 60018
Phone: (847) 696-4060 Fax: (847) 696-4065
SPACECO INC.

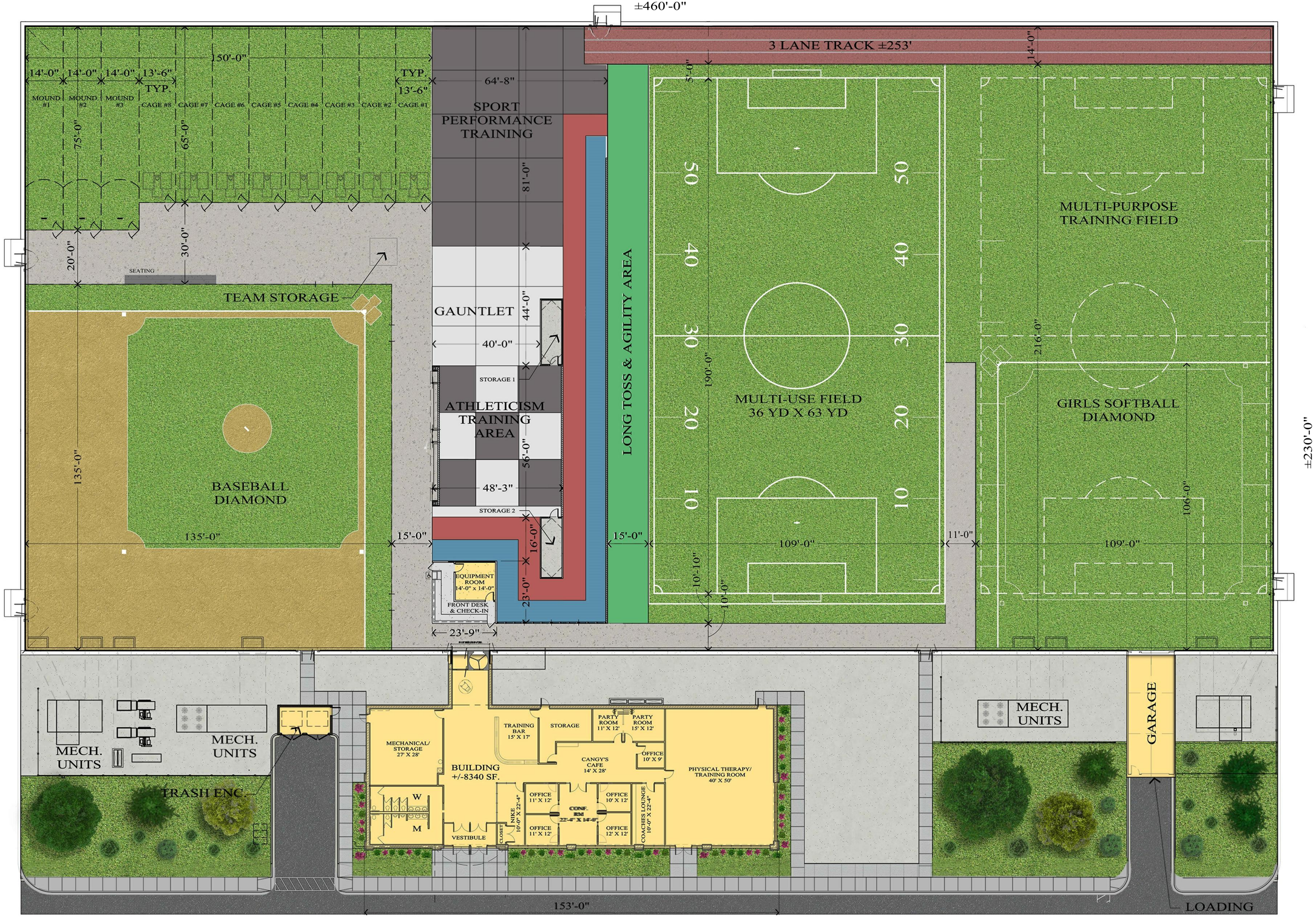
FILENAME: 5472.06DET02.dgn

DATE: 06/22/18

JOB NO. 5472.06

SHEET D2

15 OF 15



CONCEPT FLOOR PLAN

SCALE: 1/16" = 1'-0"

0 16' 32' 48'

arete design studio ltd
architecture • planning • design
13543 West 185th Street, Mokena, Illinois 60448
815.485.7333 arete-ltd.com

CONCEPT FLOOR PLAN

Bo Jackson's ELITESPORTS
TRAINING ATHLETES INSIDE-OUT
Bensenville, IL

DEVELOPER:
Grand County LLC
165 W. Lake Street
Northlake, IL 60164

DESIGN BUILDER:
TRIUMPH CONSTRUCTION SERVICES
2736 PINNACLE DR.
ELGIN, IL 60125
(847)608-7982

R-1

PROJECT #: 18031
DATE: 08/09/2018
SCALE: AS NOTED

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13543 West 185th Street, Mokena, Illinois 60448
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R-2

PROJECT #: 18031
DATE: 08/09/2018
SCALE: AS NOTED

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CONCEPT FLOOR PLAN

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TRAINING ATHLETES INSIDE-OUT

Bensenville, IL

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(847)608-7982

R-3

PROJECT #: 18031
DATE: 08/09/2018
SCALE: AS NOTED

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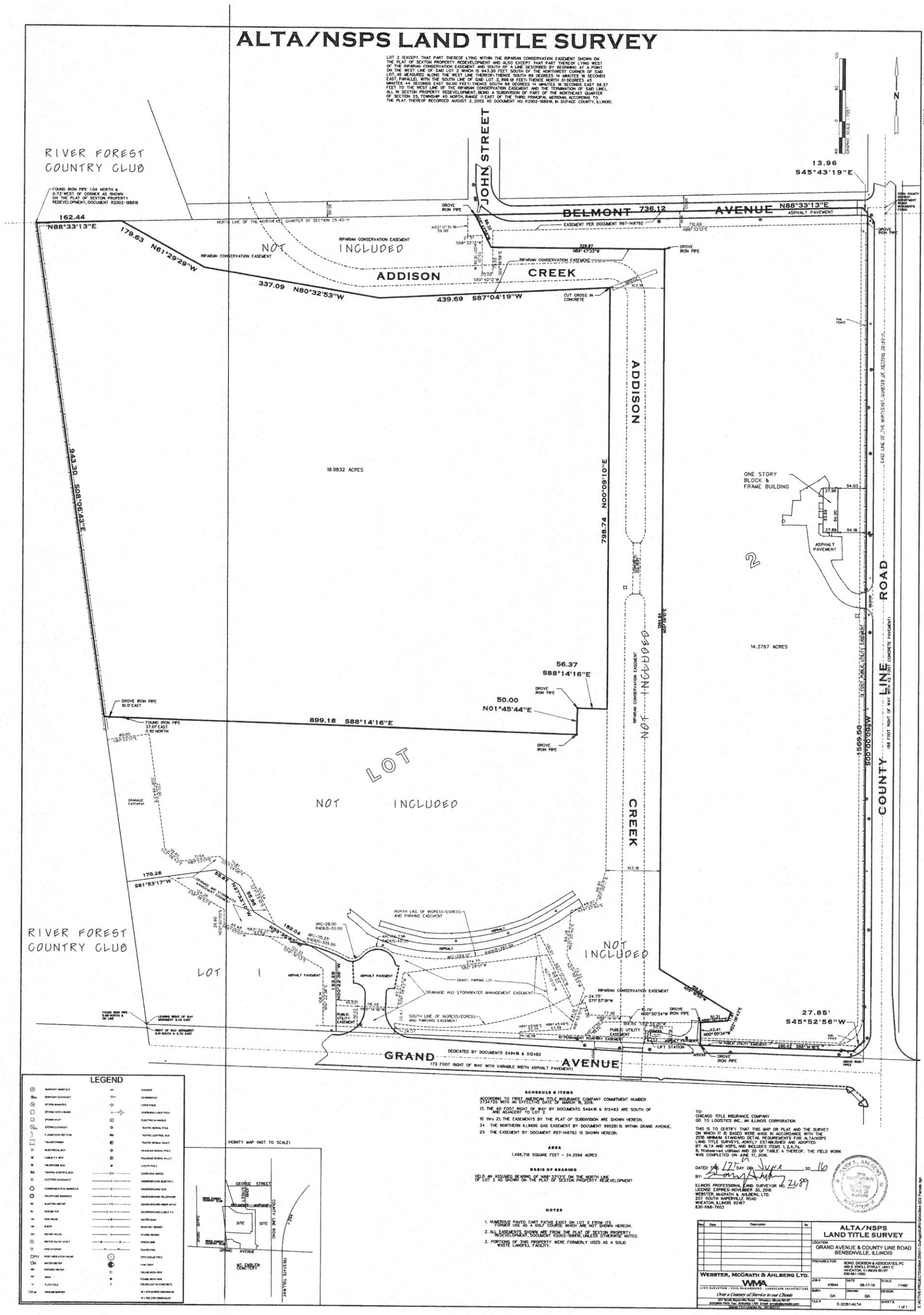
ALTA/NSPS LAND TITLE SURVEY

LOT 2 (EXCEPT THAT PART THEREOF LYING WITHIN THE RIPARIAN CONSERVATION EASEMENT SHOWN ON THE PLAT OF SEXTON PROPERTY REDEVELOPMENT AND ALSO EXCEPT THAT PART THEREOF LYING WEST OF THE RIPARIAN CONSERVATION EASEMENT AND SOUTH OF A LINE DESCRIBED BY BEGINNING AT A POINT ON THE WEST LINE OF SAID LOT 2 WHICH IS 943.30 FEET SOUTH OF THE NORTHWEST CORNER OF SAID LOT, AS MEASURED ALONG THE WEST LINE THEREOF; THENCE SOUTH 88 DEGREES 14 MINUTES 16 SECONDS EAST, PARALLEL WITH THE SOUTH LINE OF SAID LOT 2, 899.18 FEET; THENCE NORTH 01 DEGREES 45 MINUTES 44 SECONDS EAST 50.00 FEET; THENCE SOUTH 88 DEGREES 14 MINUTES 16 SECONDS EAST 56.37 FEET TO THE WEST LINE OF THE RIPARIAN CONSERVATION EASEMENT AND THE TERMINATION OF SAID LINE), ALL IN SEXTON PROPERTY REDEVELOPMENT, BEING A SUBDIVISION OF PART OF THE NORTHEAST QUARTER OF SECTION 25, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 2, 2002 AS DOCUMENT NO. R2002-188616, IN DUPAGE COUNTY, ILLINOIS.



SCHEDULE B ITEMS

ACCORDING TO FIRST AMERICAN TITLE INSURANCE COMPANY COMMITMENT NUMBER 2734720 WITH AN EFFECTIVE DATE OF MARCH 16, 2016.

13. THE 40 FOOT RIGHT OF WAY BY DOCUMENTS 549416 & 512483 ARE SOUTH OF AND ADJACENT TO LOT 2.

15 thru 21. THE EASEMENTS BY THE PLAT OF SUBDIVISION ARE SHOWN HEREON.

24 THE NORTHERN ILLINOIS GAS EASEMENT BY DOCUMENT 990281 IS WITHIN GRAND AVENUE.

25 THE EASEMENT BY DOCUMENT R97-148792 IS SHOWN HEREON.

AREA

1,498,718 SQUARE FEET - 34.3599 ACRES

BASIS OF BEARING

HELD AN ASSUMED BEARING OF N88° 33'13"E ON THE NORTH LINE OF LOT 2 AS SHOWN ON THE PLAT OF SEXTON PROPERTY REDEVELOPMENT

NOTES

1. NUMEROUS PAVED CART PATHS EXIST ON LOT 2 FROM ITS FORMER USE AS A GOLF COURSE WHICH ARE NOT SHOWN HEREON.
2. ALL EASEMENTS SHOWN ARE FROM THE PLAT OF SEXTON PROPERTY REDEVELOPMENT, DOCUMENT R2002-188616, UNLESS OTHERWISE NOTED.
3. PORTIONS OF THIS PROPERTY WERE FORMERLY USED AS A SOLID WASTE LANDFILL FACILITY.

TO:
CHICAGO TITLE INSURANCE COMPANY
GO TO LOGISTICS INC., AN ILLINOIS CORPORATION

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 4, 7a, 8, 11(observed utilities) AND 20 OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON JUNE 17, 2016.

DATED THIS 27 DAY OF June, 20 16

BY: [signature]

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2689
LICENSE EXPIRES NOVEMBER 30, 2016
WEBSTER, McGRATH & AHLBERG, LTD.
207 SOUTH NAPERVILLE ROAD
WHEATON, ILLINOIS 60187
630-668-7603

Rev.	Date	Description	By

WEBSTER, McGRATH & AHLBERG LTD.
WMA
LAND SURVEYING - CIVIL ENGINEERING - LANDSCAPE ARCHITECTURE
Over a Century of Service to our Clients
207 South Naperville Road Wheaton, Illinois 60187
(630)668-7603 Fax (630)668-1795 Email: wma@wmaltd.com
Design Firm License No. 184-001811

ALTA/NSPS LAND TITLE SURVEY

LOCATION: GRAND AVENUE & COUNTY LINE ROAD BENSENVILLE, ILLINOIS

PREPARED FOR: BOND, DICKISON & ASSOCIATES, PC 400 S. KNOLL STREET, UNIT C WHEATON, ILLINOIS 60187 630-681-1000

JOB #	DATE	SCALE
43844	06-17-16	1"=80'
SURV: GA	DRAWN: GA	DESIGN:
FILE # E-32281-ALTA		SHEET # 1 of 1

E:\ACTIVE\PROJECTS\43844-25N011-CuDwg\SURV-GA\43844-GCD Permit.dgn

Village of Bensenville
Board Room
12 South Center Street
DuPage and Cook Counties
Bensenville, IL, 60106

MINUTES OF THE COMMUNITY DEVELOPMENT COMMISSION

September 4, 2018

CALL TO ORDER: The meeting was called to order by Chairman Rowe at 6:30p.m.

ROLL CALL : Upon roll call the following Commissioners were present:
Rowe, Ciula, Czarnecki, King, Wasowicz
Absent: Czarnecki, Marcotte, Rodriguez
A quorum was present.

STAFF PRESENT: K. Pozsgay, C. Williamsen

JOURNAL OF PROCEEDINGS: The minutes of the Community Development Commission Meeting of August 7, 2018 were presented.

Motion: Commissioner King made a motion to approve the minutes as presented. Commissioner Ciula seconded the motion.

All were in favor. Motion carried.

PUBLIC COMMENT: There was no Public Comment

Continued Public Hearing: CDC Case Number 2018-12
Petitioner: Lincolnwood Gas & Food, Inc.
Location: 1301 West Irving Park Road
Request: Conditional Use Permit (Service Station)

Motion: Commissioner Ciula made a motion to re-open CDC Case No. 2018-12. Commissioner Wasowicz seconded the motion.

ROLL CALL : Upon roll call the following Commissioners were present:
Rowe, Ciula, King, Wasowicz
Absent: Czarnecki, Marcotte, Rodriguez
A quorum was present.

Chairman Rowe re-opened the Public Hearing at 6:32 p.m.

DRAFT

Village Planner, Kurtis Pozsgay, was present and sworn in by Chairman Rowe

Motion: Commissioner King made a motion to continue CDC Case No. 2018-12 until October 2, 2018. Commissioner Wasowicz seconded the motion.

ROLL CALL: Ayes: Rowe, Ciula, King, Wasowicz

Nays: None

All were in favor. Motion carried.

Public Hearing: CDC Case Number 2018-16
Petitioner: Ion Lucian Faltinski
Location: 401 South Barron Street
Request: Variance, Fence in Corner Side Yard, Municipal Code Section 10-14-11E-1

Motion: Commissioner Wasowicz made a motion to open CDC Case No. 2018-16. Commissioner King seconded the motion.

ROLL CALL : Upon roll call the following Commissioners were present:
Rowe, Ciula, King, Wasowicz
Absent: Czarnecki, Marcotte, Rodriguez
A quorum was present.

Chairman Rowe opened the Public Hearing at 6:33 p.m.

Village Planner, Kurtis Pozsgay, was present and previously sworn in by Chairman Rowe. Mr. Pozsgay stated a Legal Notice was published in the Bensenville Independent on August 16, 2018. Mr. Pozsgay stated a certified copy of the Legal Notice is maintained in the CDC file and is available for viewing and inspection at the Community & Economic Development Department during regular business hours. Mr. Pozsgay stated Village personnel posted a Notice of Public Hearing sign on the property, visible from the public way on August 17, 2018. Mr. Pozsgay stated on August 17, 2018 Village personnel mailed from the Bensenville Post Office via First Class Mail a Notice of Public Hearing to taxpayers of record within 250’ of the property in question. Mr. Pozsgay stated an affidavit of mailing executed by C & ED personnel and the list of recipients are maintained in the CDC file and are available for viewing and inspection at the Community & Economic Development department during regular business hours.

DRAFT

Mr. Pozsgay stated the Petitioner is applying for a Variance for a fence in their corner side yard. Mr. Pozsgay state they were originally approved for a fence in their back yard between the garage and house. Mr. Pozsgay state they now want to be able to extend that fence toward W. Washington Street. Mr. Pozsgay state code dictates that they can't go past the building line.

Mrs. Faltinski was present and sworn in by Chairman Rowe. Mrs. Faltinski had no comment regarding the proposed variance.

Chairman Rowe asked if the petitioner was aware of Staff's recommendations regarding the setback and fence material. Mrs. Faltinski stated she was aware of the recommendations and had no objections.

Public Comment:

Chairman Rowe asked if there was any member of the Public that would like to speak on behalf of the case. There were none.

Mr. Pozsgay reviewed the approval criteria for the proposed variance request consisting of:

1. **Special Circumstances:** Special circumstances exist that are peculiar to the property for which the variances are sought and that do not apply generally to other properties in the same zoning district. Also, these circumstances are not of so general or recurrent a nature as to make it reasonable and practical to provide a general amendment to this Title to cover them.

   Response: There have been several homes in the corner lat (sic) in our street and our city all have fences for privacy.

2. **Hardship or Practical Difficulties:** For reasons set forth in the findings, the literal application of the provisions of this Title would result in unnecessary and undue hardship or practical difficulties for the applicant as distinguished from mere inconvenience.

   Response: We need this fence around our corner lot and home.

DRAFT

3. **Circumstances Relate to Property**: The special circumstances and hardship relate only to the physical character of the land or buildings, such as dimensions, topography or soil conditions. They do not concern any business or activity of present or prospective owner or occupant carries on, or seeks to carry on, therein, nor to the personal, business or financial circumstances of any party with interest in the property.

   Response: We just bought this house new construction on June 2018 we work hard for this property.

4. **Not Resulting from Applicant Action:** The special circumstances and practical difficulties or hardship that are the basis for the variance have not resulted from any act, undertaken subsequent to the adoption of this Title or any applicable amendment thereto, of the applicant or of any other party with a present interest in the property. Knowingly authorizing or proceeding with construction, or development requiring any variance, permit, certificate, or approval hereunder prior to its approval shall be considered such an act.

   Response: none given

5. **Preserve Rights Conferred by District:** A variance is necessary for the applicant to enjoy a substantial property right possessed by other properties in the same zoning district and does not confer a special privilege ordinarily denied to such other properties.

   Response: We have our nice garden and new concrete and gazebo we need privacy because is in the comer we don't want to everybody look in our yard.

6. **Necessary for Use of Property:** The grant of a variance is necessary not because it will increase the applicant's economic return, although it may have this effect, but because without a variance the applicant will be deprived of reasonable use or enjoyment of, or reasonable economic return from, the property.

   Response: Without this fences we are not be able to to enjoy the additional space.

7. **Not Alter Local Character:** The granting of the variance will not alter the essential character of the locality nor substantially impair environmental quality, property values or public safety or welfare in the vicinity.

DRAFT

Response: We also like to reserve some right to improve and enhance our yard space while residing in Bensenville.

8. **Consistent with Title and Plan:** The granting of a variance will be in harmony with the general purpose and intent of this Title and of the general development plan and other applicable adopted plans of the Village, as viewed in light of any changed conditions since their adoption, and will not serve in effect to substantially invalidate or nullify any part thereof.

   Response: If this fences (sic) is granted, it will in no way interfere with the General Development Plan.

9. **Minimum Variance Needed:** The variance approved is the minimum required to provide the applicant with relief from undue hardship or practical difficulties and with reasonable use and enjoyment of the property.

   Response: If the Variance is approved, we will be able to proceed with our plans to obtain a permit and begin to install the fences.

Commissioner Czarnecki entered the meeting at 6:41 p.m.

Mr. Pozsgay stated Staff recommends the approval of the findings of fact as they appear above and therefor recommend approval of the request with the following conditions:

1. Fence must be built 5 feet from property line.
2. Fence must be no more than 5 feet of solid material, with the remaining made of lattice.
3. Applicant needs to apply for permit and pave their gravel parking pad.
4. Applicant needs to apply for gazebo permit.

There were no questions from the Commission.

Motion: Commissioner Wasowicz made a motion to close CDC Case No. 2018-16. Commissioner Ciula seconded the motion.

ROLL CALL: Ayes: Rowe, Ciula, Czarnecki, King, Wasowicz

Nays: None

All were in favor. Motion carried.

DRAFT

Chairman Rowe closed the Public Hearing at 6:42 p.m.

Motion: Commissioner Wasowicz made a combined motion to approve the Findings of Fact for CDC Case No. 2018-16 as presented by Staff and to approve the Variance. Commissioner Ciula seconded the motion.

ROLL CALL: Ayes: Rowe, Ciula, Czarnecki, King, Wasowicz

Nays: None

All were in favor. Motion carried.

Public Hearing: CDC Case Number 2018-18
Petitioner: Grand County Line, LLC
Location: 1050 South County Line Road
Request: Preliminary and Final Planned Unit Development, Conditional Use Permit and Site Plan Review to construct a sports complex with code deviations to Parking Lot Construction and Landscaping requirements, Municipal Code Sections 10 – 11 – 8 – 2 and 10 – 12 – 2.

Motion: Commissioner Wasowicz made a motion to open CDC Case No. 2018-16. Commissioner King seconded the motion.

ROLL CALL : Upon roll call the following Commissioners were present:
Rowe, Ciula, Czarnecki, King, Wasowicz
Absent: Marcotte, Rodriguez
A quorum was present.

Chairman Rowe opened the Public Hearing at 6:44 p.m.

Village Planner, Kurtis Pozsgay, was present and previously sworn in by Chairman Rowe. Mr. Pozsgay stated a Legal Notice was published in the Bensenville Independent on August 16, 2018. Mr. Pozsgay stated a certified copy of the Legal Notice is maintained in the CDC file and is available for viewing and inspection at the Community & Economic Development Department during regular business hours. Mr. Pozsgay stated Village personnel posted a Notice of Public Hearing sign on the property, visible from the public way on August 17, 2018. Mr. Pozsgay stated on August 17, 2018 Village personnel mailed from the Bensenville Post Office via First Class Mail a Notice of Public Hearing to taxpayers of record within 250’ of the property in question.

DRAFT

Mr. Pozsgay stated an affidavit of mailing executed by C & ED personnel and the list of recipients are maintained in the CDC file and are available for viewing and inspection at the Community & Economic Development department during regular business hours. Mr. Pozsgay stated the Petitioner is applying for a Planned Unit Development (PUD), Conditional Use Permit and Site Plan Review to operate a Sports Complex at the vacant property north of the hotels at Grand Ave and County Line Rd. Mr. Pozsgay stated the plan calls for an enclosed 108,088 square foot sports dome and two turf fields totaling over 180,000 square feet. Mr. Pozsgay stated they also propose 344 parking spaces (132 9-foot stalls, 204 10-foot stalls, and 8 accessible). Mr. Pozsgay stated they are proposing to reduce the number landscape islands in the parking area and to not include standard curb and gutter.

Mr. Gary Mueller of Gary S. Mueller & Associates; Greg Rzedzian, owner of Grand County Line, LLC and Jeff Provenza of Darwin Realty were all present and sworn in by Chairman Rowe. Mr. Mueller stated they have reviewed Staff's report and have no issues with what is being recommended. Mr. Provenza stated there is a lease in place with Bo Jackson Sports to operate the proposed sports dome.

Commissioner King ask what sports would be taking place inside the dome. Mr. Provenza stated baseball, softball, soccer, football and lacrosse events would be the majority of the dome's operation.

Commissioner Wasowicz asked how comparable the proposed dome was to the one in Rosemont. Mr. Provenza stated they are similar and that the proposed sports dome would be the exact same thing that is currently in Lockport.

Commissioner Czarnecki asked if dirt sample have been taken. Mr. Provenza stated they have used dirt samples provided by the Village along with recent samples.

Commissioner Czarnecki asked that they are cognizant of animals during construction. Mr. Provenza stated they would be.

Commissioner Czarnecki asked if there were plans for an outdoor clubhouse/concession stand for the soccer fields. Mr. Provenza stated there have been talks but nothing finalized. Mr. Provenza stated it depends on the tenants they find to operate the outdoor fields.

DRAFT

Public Comment:

Chairman Rowe asked if there was any member of the Public that would like to speak on behalf of the case.

Bill Perry – 814 George Street
Mr. Perry was present and sworn in by Chairman Rowe. Mr. Perry asked if there were any plans to have another entrance to the site other than what is proposed. Mr. Pozsgay stated there would not be additional entrances for vehicles, possible for pedestrians to enter over the creek via a bridge to utilize the proposed path.

Joseph Pisano – 910 Brentwood Drive
Mr. Pisano was present and sworn in by Chairman Rowe. Mr. Pisano stated he reviewed the material and believes this is a great fit for the area. Mr. Pisano stated the area floods 2-3 times a year from the creek overflowing. Mr. Pisano also asked if overnight parking will be allowed on site.

Mr. Rzedzian stated there are no plans to allow overnight parking and shuttling to the airport.

Mr. Pozsgay reviewed the approval criteria for the proposed variance request consisting of:

1. **Superior Design:** The PUD represents a more creative approach to the unified planning of development and incorporates a higher standard of integrated design and amenity than could be achieved under otherwise applicable regulations, and solely on this basis modifications to such regulations are warranted.

   Applicant's Response: The PUD represents a more creative approach and incorporates a higher standard of integrated design and amenity than could be achieved under otherwise applicable regulations. The PUD will enhance the character of the site and provide the flexibility for the proposed development.

2. **Meet PUD Requirements:** The PUD meets the requirements for planned unit developments set forth in this Title, and no modifications to the use and design standards otherwise applicable are allowed other than those permitted herein.

   Applicant's Response: The PUD meets the requirements for planned unit developments set forth in this Title.

DRAFT

3. **Consistent with Village Plan:** The PUD is generally consistent with the objectives of the Village general development plan as viewed in light of any changed conditions since its adoption.

   Applicant's Response: The proposed development will be consistent with the Village's plan to convert the site from a vacant golf course to an amenity that will attract people within Bensenville as well as surrounding communities.

4. **Public Welfare:** The PUD will not be detrimental to the public health, safety or general welfare.

   Applicant's Response: The proposed PUD will not be detrimental to the public health, safety or general welfare.

5. **Compatible with Environs:** Neither the PUD nor any portion thereof will be injurious to the use and enjoyment of other properties in its vicinity, seriously impair property values or environmental quality in the neighborhood, nor impede the orderly development of surrounding property.

   Applicant's Response: The PUD will not be injurious to the use and enjoyment of other properties in its vicinity. The PUD compliments the hotel, restaurant and retail developments currently proposed to the South. The PUD will not impair property values or environmental quality in the neighborhood.

6. **Natural Features:** The design of the PUD is as consistent as practical with preservation of any natural features such as flood plains, wooded areas, natural drainage-ways or other areas of sensitive or valuable environmental character.

   Applicant's Response: The design is as consistent as practical with preservation of any natural features. Addison Creek follows the North and East sides of the property. Native plantings are proposed around the perimeter of the development as well as in the bottom of the proposed detention basins to provide a naturalized concept and provide stormwater benefits.

DRAFT

7. **Circulation:** Streets, sidewalks, pedestrian-ways, bicycle paths and off-street parking and loading are provided as appropriate to planned land uses. They are adequate in location, size, capacity and design to ensure safe and efficient circulation of automobiles, trucks, bicycles, pedestrians, fire trucks, garbage trucks and snow plows, as appropriate, without blocking traffic, creating unnecessary pedestrian-vehicular conflict, creating unnecessary through traffic within the PUD or unduly interfering with the safety or capacity of adjacent streets.

   Applicant's Response: Off-street parking and pedestrian sidewalks are provided for the improvements and will be adequate for the proposed land use.

8. **Open Spaces and Landscaping:** The quality and quantity of common open spaces or landscaping provided are consistent with the higher standards of design and amenity required of a PUD. The size, shape and location of a substantial portion of any common open space provided in residential areas render it usable for recreation purposes.

   Applicant's Response: The proposed use is for sports and recreation and a landscape plan will be prepared for the remaining open spaces. The quantity of open space for the proposed PUD is significant.

9. **Covenants:** Adequate provision has been made in the form of deed restrictions, homeowners or condominium associations or the like for:
   a. The presentation and regular maintenance of any open spaces, thoroughfares, utilities, water retention or detention areas and other common elements not to be dedicated to the Village or to another public body.
   b. Such control of the use and exterior design of individual structures, if any, as is necessary for continuing conformance to the PUD plan, such provision to be binding on all future ownerships.

   Applicant's Response: As applicable, appropriate provisions will be prepared which will cover maintenance of the common elements as well as control of the use and exterior design of individual structures.

DRAFT

10. Public Services: The land uses, intensities and phasing of the PUD are consistent with the anticipated ability of the Village, the school system and other public bodies to provide and economically support police and fire protection, water supply, sewage disposal, schools and other public facilities and services without placing undue burden on existing residents and businesses.

    Applicant's Response: It is anticipated that the land use is consistent with the anticipated ability of the Village as well as other public bodies, facilities and services. No undue burden on existing residents and businesses is anticipated.

11. **Phasing**: Each development phase of the PUD can, together with any phases that preceded it, exist as an independent unit that meets all of the foregoing criteria and all other applicable regulations herein even if no subsequent phase should ever be completed.

    Applicant's Response: Currently the project is not split into construction phases. If the project is later split into phases, each phase will be able to exist independently.

    Mr. Pozsgay stated Staff recommends the approval of the findings of fact as they appear above and therefor recommend approval of the request with the following conditions:

1. Developed in accordance with the plans prepared by SpaceCo dated 06.22.2018 last.
2. Site Plan to be revised to include parking lot curb and gutter according to code.
3. A full landscaping plan to be submitted and approved by staff to include increased parking lot landscaping and additional perimeter landscaping.
4. Phasing / Timing. Final plans must be submitted within 12 months of preliminary approval. A development schedule should be submitted to staff at that time.
5. A parking lot and outdoor sport fields lighting plan should be submitted for review, to include no bleeding of light onto neighboring properties.
6. Sidewalks will be installed connecting to the sites to the south and east.
7. A path connecting the owner's property to the east should include bike considerations that tie into the County Line Road bike path. Bike parking shall be included on site.

DRAFT

Chairman Rowe asked if liquor will be allowed on premise. Mr. Provenza stated there are no liquor plans for inside the dome. Chairman Rowe suggested adding a condition to ban alcohol from the site.

Chairman Rowe suggested adding a condition for no overnight parking and that the parking lot must be secured during off hours.

Mr. Pozsgay asked for direction regarding condition #2. Consensus from the Commission was to amend the condition to have the petitioners work with Engineering on site plan parking lot curb and gutter requirements.

Mr. Pozsgay reviewed the revised conditions for approval:

1. Developed in accordance with the plans prepared by SpaceCo dated 06.22.2018 last.
2. Work with Engineering on site plan parking lot curb and gutter requirements.
3. A full landscaping plan to be submitted and approved by staff to include increased parking lot landscaping and additional perimeter landscaping.
4. Phasing / Timing. Final plans must be submitted within 12 months of preliminary approval. A development schedule should be submitted to staff at that time.
5. A parking lot and outdoor sport fields lighting plan should be submitted for review, to include no bleeding of light onto neighboring properties.
6. Sidewalks will be installed connecting to the sites to the south and east.
7. A path connecting the owner's property to the east should include bike considerations that tie into the County Line Road bike path. Bike parking shall be included on site.
8. No overnight parking. Parking lot must be secured during off hours.
9. No alcohol.

Motion: Commissioner Wasowicz made a motion to close CDC Case No. 2018-18. Commissioner Ciula seconded the motion.

ROLL CALL: Ayes: Rowe, Ciula, Czarnecki, King, Wasowicz

Nays: None

All were in favor. Motion carried.

DRAFT

Chairman Rowe closed the Public Hearing at 7:23 p.m.

Motion: Commissioner King made a combined motion to approve the Findings of Fact for CDC Case No. 2018-18 as presented by Staff and to approve the request. Commissioner Ciula seconded the motion.

ROLL CALL: Ayes: Rowe, Ciula, Czarnecki, King, Wasowicz

Nays: None

All were in favor. Motion carried.

Report from Community Development: Mr. Pozsgay reviewed both recent CDC cases along with upcoming cases.

ADJOURNMENT: There being no further business before the Community Development Commission, Commissioner Wasowicz made a motion to adjourn the meeting. Commissioner King seconded the motion.

All were in favor. Motion carried.

The meeting was adjourned at 7:30 p.m.

DRAFT

_____

Ronald Rowe, Chairman
Community Development Commission

ORDINANCE # _____

AN ORDINANCE GRANTING APPROVAL OF A PLANNED UNIT DEVELOPMENT, CONDITIONAL USE PERMIT AND SITE PLAN TO DEVELOP A SPORTS COMPLEX FOR THE PROPERTY COMMONLY IDENTIFIED AS 1050 SOUTH COUNTY LINE ROAD, BENSENVILLE, ILLINOIS

WHEREAS, Grand County LLC ("Owner") and ("Applicant"), filed an application (CDC Case #2018 – 18) for a Planned Unit Development, Conditional Use Permit and Site Plan to construct a sports complex with code deviations to Parking Lot Construction and Landscaping requirements, Municipal Code Sections 10 – 11 – 8 – 2 and 10 – 12 – 2 of the Village of Bensenville Zoning Ordinance ("Zoning Ordinance") for the property located at 1050 S. County Line Road, Bensenville, as legally described in Exhibit "A," attached hereto and incorporated herein by reference (the "Subject Property"), a copy of said application being contained on file in the Community and Economic Development Department; and

WHEREAS, Notice of Public Hearing was published in the Bensenville Independent on August 16, 2018 by the Village of Bensenville, and notice was also given via posting of a Public Hearing Sign on the Subject Property and via First Class mail to taxpayers of record within 250 feet of the Subject Property, all as required by the statutes of the State of Illinois and the ordinances of the Village; and

WHEREAS, pursuant to said Notice, the Community Development Commission of the Village of Bensenville conducted a Public Hearing on September 4, 2018 as required by the statutes of the State of Illinois and the ordinances of the Village; and

WHEREAS, after hearing the application, the Community Development Commission approved the findings of fact submitted by Village Staff recommending approval of the Planned Unit Development, Conditional Use Permit, and Site Plan, thereafter, voted unanimously (5-0) to recommend approval of the request and forwarded its recommendations, including the Staff Report and findings to the Committee Of the Whole, which concurred in the recommendation made therein, as are attached hereto and incorporated herein by reference as Exhibit "B"; and

WHEREAS, on September 18, 2018 the Committee Of the Whole then forwarded its recommendation, along with that of the Community Development Commission, to the President and Board of Trustees; and

WHEREAS, the President and Board of Village Trustees have reviewed the matter herein and have determined that approval of the requested Planned Unit Development, Conditional Use Permit and Site Plan as recommended by the Community Development Commission is consistent with the Zoning Ordinance.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois, duly assembled at a regular meeting, as follows:

SECTION ONE: That the forgoing recitals are hereby incorporated by reference as if fully set forth herein.

SECTION TWO: That the Subject Property is currently zoned under the Zoning Ordinance as RS-1 Low Density Single-Family Residential District, which zoning classification shall remain in effect subject to the Planned Unit Development granted herein.

SECTION THREE: That the Staff Report and Recommendation to approve the Planned Unit Development, Conditional Use Permit and Site Plan sought, as allowed by the Zoning Ordinance, Sections 10 – 5 – 3, as adopted by the Community Development Commission as shown in Exhibit "B" is hereby adopted by the President and Board of Trustees, the Board of Trustees finding that said Planned Unit Development, Conditional Use Permit and Site Plan are proper and necessary.

SECTION FOUR: That the Planned Unit Development, Conditional Use Permit and Site Plan to construct a Sports Complex sought by the Applicant of the Subject Property is hereby granted subject to the following conditions:

1. Developed in accordance with the plans prepared by SpaceCo dated 06.22.2018.
2. Work with staff Engineering on final site plan parking lot curb and gutter requirements.
3. A full landscaping plan to be submitted and approved by staff to include increased parking lot landscaping and additional perimeter landscaping.
4. Phasing / Timing. Final plans must be submitted within 12 months of preliminary approval. A development schedule should be submitted to staff at that time.

5. A parking lot and outdoor sport fields lighting plan should be submitted for review, to include no bleeding of light onto neighboring properties.
6. Sidewalks will be installed connecting to the sites to the south and east.
7. A path connecting the property to the east should include bike considerations that tie into the County Line Road bike path. Bike parking shall be included on site.
8. No overnight parking. Parking lot must be secured during off hours.
9. No alcohol allowed on Sports Complex only.

SECTION FIVE: That all requirements of the Zoning Ordinance shall be applicable except as amended by the Planned Unit Development and Conditional Use Permit Amendment granted herein.

SECTION SIX: That all other ordinances and resolutions, or parts thereof, in conflict with the provisions of this Ordinance, are, to the extent of such conflict, expressly repealed.

SECTION SEVEN: This Ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by law.

PASSED AND APPROVED by the President and Board of Trustees of the Village of Bensenville, this _____ day of _____ 2018.

_____
Frank DeSimone, Village President

ATTEST:

_____
Nancy Quinn, Village Clerk

AYES:_____

NAYES:_____

ABSENT:_____

Ordinance # _____ - 2018
Exhibit "A"

The Legal Description is as follows:

LOT 2 (EXCEPT THAT PART THEREOF LYING WITHIN THE RIPARIAN CONSERVATION EASEMENT SHOWN ON THE PLAT OF SEXTON PROPERTY REDEVELOPMENT AND ALSO EXCEPT THAT PART THEREOF LYING WEST OF THE RIPARIAN CONSERVATION EASEMENT AND SOUTH OF A LINE DESCRIBED BY BEGINNING AT A POINT ON THE WEST LINE OF SAID LOT 2 WHICH IS 943.30 FEET SOUTH OF THE NORTHWEST CORNER OF SAID LOT, AS MEASURED ALONG THE WEST LINE THEREOF; THENCE SOUTH 88 DEGREES 14 MINUTES 16 SECONDS EAST, PARALLEL WITH THE SOUTH LINE OF SAID LOT 2, 899.18 FEET; THENCE NORTH 01 DEGREES 45 MINUTES 44 SECONDS EAST 50.00 FEET; THENCE SOUTH 88 DEGREES 14 MINUTES 16 SECONDS EAST 56.37 FEET TO THE WEST LINE OF THE RIPARIAN CONSERVATION EASEMENT AND THE TERMINATION OF SAID LINE), ALL IN SEXTON PROPERTY REDEVELOPMENT, BEING A SUBDIVISION OF PART or THE NORTH EAST QUARTER OF SECTION 25, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 2, 2002 AS DOCUMENT NUMBER R 2002-198616, IN DUPAGE COUNTY, ILLINOIS.

Commonly referred to as 1050 S. County Line Road.

Mr. Pozsgay asked for direction regarding condition #2. Consensus from the Commission was to amend the condition to have the petitioners work with Engineering on site plan parking lot curb and gutter requirements.

Mr. Pozsgay reviewed the revised conditions for approval:

1. Developed in accordance with the plans prepared by SpaceCo dated 06.22.2018 last.
2. Work with Engineering on site plan parking lot curb and gutter requirements.
3. A full landscaping plan to be submitted and approved by staff to include increased parking lot landscaping and additional perimeter landscaping.
4. Phasing / Timing. Final plans must be submitted within 12 months of preliminary approval. A development schedule should be submitted to staff at that time.
5. A parking lot and outdoor sport fields lighting plan should be submitted for review, to include no bleeding of light onto neighboring properties.
6. Sidewalks will be installed connecting to the sites to the south and east.
7. A path connecting the owner's property to the east should include bike considerations that tie into the County Line Road bike path. Bike parking shall be included on site.
8. No overnight parking. Parking lot must be secured during off hours.
9. No alcohol.

Motion: Commissioner Wasowicz made a motion to close CDC Case No. 2018-18. Commissioner Ciula seconded the motion.

ROLL CALL: Ayes: Rowe, Ciula, Czarnecki, King, Wasowicz

Nays: None

All were in favor. Motion carried.

Chairman Rowe closed the Public Hearing at 7:23 p.m.

Motion: Commissioner King made a combined motion to approve the Findings of Fact for CDC Case No. 2018-18 as presented by Staff and to approve the request. Commissioner Ciula seconded the motion.

ROLL CALL: Ayes: Rowe, Ciula, Czarnecki, King, Wasowicz

Nays: None

All were in favor. Motion carried.

_____

Ronald Rowe, Chairman

Community Development Commission

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Ordinance	K. Pozsgay	CED	09.18.18

DESCRIPTION:

Consideration of an Ordinance Approving a Variance (fence, corner side yard) for Ion Lucian Faltinski, Located at 401 S. Barron Street, Bensenville

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

	Financially Sound Village	X	*Enrich the lives of Residents*
	Quality Customer Oriented Services		*Major Business/Corporate Center*
	Safe and Beautiful Village		*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
Committee of the Whole	09.18.18

BACKGROUND:

1. The Petitioner is applying for a Variance for a fence in their corner side yard.
2. They were originally approved for a fence in their back yard between the garage and house.
3. They now want to be able to extend that fence toward W. Washington Street.
4. Code dictates that they can't go past the building line.

KEY ISSUES:

1. Fences in corner side yards are a common Variance request.
2. Staff generally recommends a 5 yard setback from property line. Applicant proposed no setback.
3. Applicant developed a gazebo without proper permits.
4. Applicant also put in a gravel parking pad against Code.

ALTERNATIVES:

Discretion of the Committee.

RECOMMENDATION:

1. The staff respectfully recommends that the Variance be approved.
2. At the Public Hearing on September 4, 2018, the Community Development Commission voted unanimously (5-0) to recommend approval of the Requests with the conditions recommended by staff (attached). Motion passed.

BUDGET IMPACT:

n/a

ACTION REQUIRED:

Approval of an Ordinance granting a Variance (fence, corner side yard) for Ion Lucian Faltinski, located at 401 S. Barron St.

ATTACHMENTS:

Description	Upload Date	Type
Aerial & Zoning Maps	8/29/2018	Backup Material
Legal Notice	8/29/2018	Backup Material
Application	8/29/2018	Backup Material

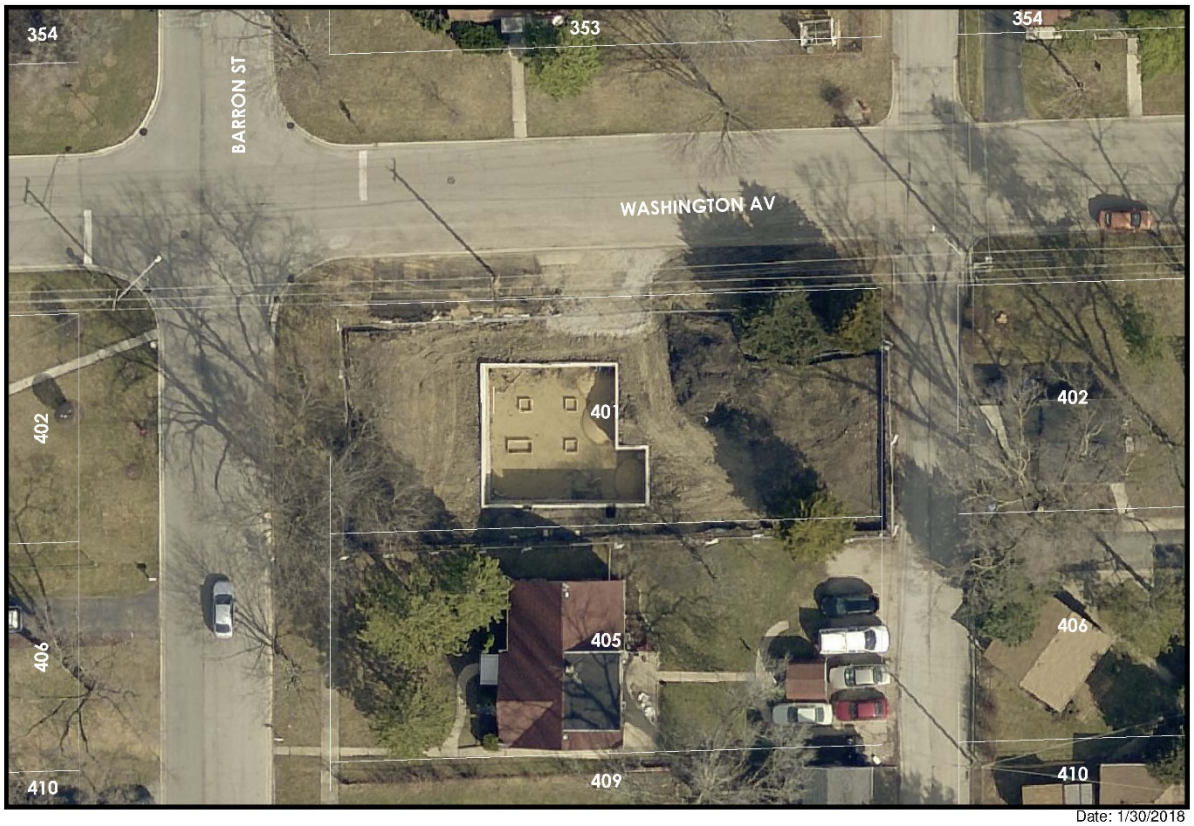
Staff Report	8/29/2018	Executive Summary
Plat of Survey	8/29/2018	Backup Material
Plans	8/29/2018	Backup Material
Draft Ordinance	9/11/2018	Ordinance

CDC#2018 – 16

401 S Barron Street
Ion Lucian Faltinski
Variance; Fence in corner side yard

Village of Bensenville

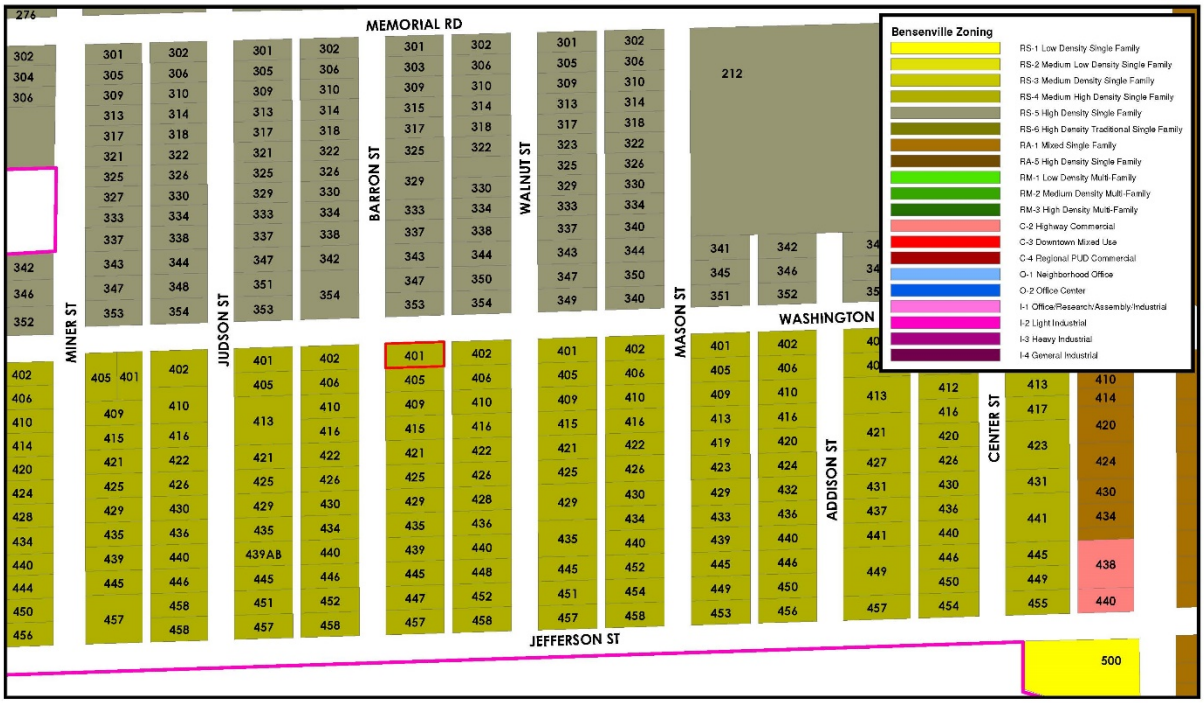
401 S Barron



Date: 1/30/2018

Village of Bensenville

Zoning Map



LEGAL NOTICE/PUBLIC NOTICE
NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that on Tuesday, September 4, 2018 at 6:30 P.M., the Community Development Commission of the Village of Bensenville, Du Page and Cook Counties, will hold a Public Hearing to review Case No. 2018 – 16 to consider a request for:

Variance, fence in corner side yard,
Municipal Code Section 10 – 14 – 11E – 1.

401 South Barron Street is in a RS – 4 Medium High Density Single Family district. The Public Hearing will be held in the Village Board Room at Village Hall, 12 S. Center Street, Bensenville, IL.

The Legal Description is as follows:

LOT 161 IN VOLK BROTHER'S EDGEWOOD, BEING A SUBDIVISION IN THE NORTHEAST QUARTER OF SECTION 23, TOWNSHIP 40 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 7, 1926 AS DOCUMENT 213084, IN DUPAGE COUNTY, ILLINOIS.

Commonly known as 401 South Barron Street, Bensenville, Illinois.

Ion Lucian Faltinski of 401 South Barron Street, Bensenville, IL 60106 is the owner and applicant for the subject property.

Any individual with a disability requiring a reasonable accommodation in order to participate in any public meeting held under the authority of the Village of Bensenville should contact the Village Clerk, Village of Bensenville, 12 S. Center St., Bensenville, IL 60106, (630) 766-8200, at least three (3) days in advance of the meeting.

Applicant's application and supporting documentation may be examined by any interested parties in the office of the Community and Economic Development Department, Monday through Friday, in the Village Hall, 12 South Center Street, Bensenville, IL 60106. All interested parties may attend and will be heard at the Public Hearing. Written comments will be accepted by the Community and Economic Development Department through September 4, 2018 until 5:00 P.M.

Office of the Village Clerk
Village of Bensenville

TO BE PUBLISHED IN THE BENSENVILLE INDEPENDENT
August 16, 2018

For Office Use Only

Date of Submission: 07.25.18 MUNIS Account #: 8418 CDC Case #: 2018-16

COMMUNITY DEVELOPMENT COMMISSION APPLICATION

Address: 401 S Barron St.

Property Index Number(s) (PIN): 8178.

A. PROPERTY OWNER:

ION LUCIAN Faltinski

Name — Corporation (if applicable)

401 S Barron St.

Street

Bensenvile — IL. — 60106.

City — State — Zip Code

Contact Person — Telephone Number & Email Address

ION Lucian Faltinski — (773) 531 8022.

If Owner is a Land Trust, list the names and addresses of the beneficiaries of the Trust.

Property Owner Signature: _____ Date: 06. 11. 18

B. APPLICANT: ☒ Check box if same as owner

Name — Corporation (if applicable)

Street

City — State — Zip Code

Contact Person — Telephone Number & Email Address

Relationship of Applicant to subject property

Applicant Signature: _____ Date: _____

C. ACTION REQUESTED (Check applicable):

- ☐ Annexation
- ☐ Conditional Use Permit
- ☐ Master Sign Plan
- ☐ Planned Unit Development**
- ☐ Plat of Subdivision
- ☐ Rezoning (Map Amendment)
- ☐ Site Plan Review
- ☒ Variance

*Item located within this application packet.
**See staff for additional information on PUD requests

SUBMITTAL REQUIREMENTS (1 original & 1 copy of each):

- ☒ Affidavit of Ownership* (signed/notarized)
- ☒ Application*
- ☐ Approval Criteria
- ☒ Legal Description of Property
- ☒ Plat of Survey
- ☐ Site Plan
- ☒ Building Plans & Elevations
- ☐ Engineering Plans
- ☐ Landscape Plan
- ☒ Review Fee (Application Fee + Escrow)
- ☒ Escrow agreement and deposit*
- ☐ Digital Submission of all application materials (CD)

Brief Description of Request(s): (Submit separate sheet if necessary)

fence corner side yard

D. PROJECT DATA:

1. General description of the site: residential
2. Acreage of the site: 8 700 SF Building Size (if applicable): 1500 SF
3. Is this property within the Village limits? (Check applicable below)
   X Yes
   _____No, requesting annexation
   _____No, it is under review by another governmental agency and requires review due to 1.5 mile jurisdiction requirements.
4. List any controlling agreements (annexation agreements, Village Ordinances, site plans, etc.)
5. Character of the site and surrounding area:

	Zoning	Existing Land Use	Jurisdiction
Site:	RS-4	residential	Bensenville
North:	RS-5	↓	↓
South:	RS-4	↓	↓
East:	↓	↓	↓
West:	↓	↓	↓

E. DEVELOPER'S STAFF (if applicable):

ARCHITECT
Name:
Telephone:
Email:

ENGINEER:
Name:
Telephone:
Email:

ATTORNEY
Name:
Telephone:
Email:

OTHER
Name:
Telephone:
Email:

F. APPROVAL CRITERIA:

The applicant must compose a letter describing how the request(s) specifically meets the individual criteria from the Approval Criteria. The CDC will be unable to recommend approval of a request without a response to the pertinent "Approval Criteria."

BENSENVILLE
COMMUNITY DEVELOPMENT COMMISION

STAFF REPORT

HEARING DATE: September 4, 2018
CASE #: 2018 – 16
PROPERTY: 401 S. Barron St.
PROPERTY OWNER: Ion Lucian Faltinski
APPLICANT same
SITE SIZE: 8,700 SF
BUILDING SIZE: 1,450 SF
PIN NUMBERS: 03-23-209-001
ZONING: RS – 4 Medium High Density Single Family District
REQUEST: Variance, fence in corner side yard,
Municipal Code Section 10 – 14 – 11E – 1.

PUBLIC NOTICE:

1. A Legal Notice was published in the Bensenville Independent on Thursday August 16, 2018. A Certified copy of the Legal Notice is maintained in the CDC file and is available for viewing and inspection at the Community & Economic Development Department during regular business hours.
2. Village personnel posted a Notice of Public Hearing sign on the property, visible from the public way on Friday August 17, 2018.
3. On Friday August 17, 2018, Village personnel mailed from the Bensenville Post Office via First Class Mail a Notice of Public Hearing to taxpayers of record within 250' of the property in question. An Affidavit of Mailing executed by C & ED personnel and the list of recipients are maintained in the CDC file and are available for viewing and inspection at the Community & Economic Development department during regular business hours.

SUMMARY:

The Petitioner is applying for a Variance for a fence in their corner side yard. They were originally approved for a fence in their back yard between the garage and house. They now want to be able to extend that fence toward W. Washington Street. Code dictates that they can't go past the building line.

SURROUNDING LAND USES:

	Zoning	Land Use	Comprehensive Plan	Jurisdiction
Site	RS – 4	Residential	Single Family Residential	Village of Bensenville
North	RS – 5	Residential	Single Family Residential	Village of Bensenville
South	RS – 4	Residential	Single Family Residential	Village of Bensenville
West	RS – 4	Residential	Single Family Residential	Village of Bensenville
East	RS – 4	Residential	Single Family Residential	Village of Bensenville

DEPARTMENT COMMENTS:

S*UPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:*

	Financially Sound Village
	Quality Customer Oriented Services
	Safe and Beautiful Village
X	Enrich the lives of Residents
	Major Business/Corporate Center
	Vibrant Major Corridors

Finance:
Account up to date.

Police:
No police issues.

Engineering and Public Works:
No comments.

Community & Economic Development**:**
Economic Development:
No comments.

Fire Safety:
No fire safety issues.

Building:

1) Fence should be held back from the alley so vehicles pulling out of the garage can see any traffic coming from the north end of the alley. (vision triangle)
2) If they are looking for privacy, why is there no proposed fence on the south side of garage?
3) They installed a gravel parking area without a permit.
4) Per their attached letter, it appears they also installed a gazebo without a permit.
5) Certificate of Occupancy is ready for pick up at Village Hall.

Planning:

1) The 2015 Comprehensive Plan indicates "Single Family Residential" for this property.
2) A fence was originally approved in an appropriate location between the house and garage. The applicant then wished to extend the fence 10 feet toward Washington.
3) Even if we approve the fence extension, it is typical to require a 5 foot setback along Village right-of-way.
4) There are several examples of fences in corner side yards along Washington Ave. None go right up to the property line as proposed.

   (see examples below)

South West Washington and Barron (across the street)

South East Washington and Mason

5) Staff would prefer that no fence is solid over 5’ high; lattice for the remainder.

APPROVAL CRITERIA FOR VARIANCES:

The Community Development Commission shall not recommend nor shall the Village Board grant a variance unless it shall make findings based upon the evidence presented to it in each specific case that:

1. **Special Circumstances:** Special circumstances exist that are peculiar to the property for which the variances are sought and that do not apply generally to other properties in the same zoning district. Also, these circumstances are not of so general or recurrent a nature

as to make it reasonable and practical to provide a general amendment to this Title to cover them.

Response: There have been several homes in the corner lat (sic) in our street and our city all have fences for privacy.

2. **Hardship or Practical Difficulties:** For reasons set forth in the findings, the literal application of the provisions of this Title would result in unnecessary and undue hardship or practical difficulties for the applicant as distinguished from mere inconvenience.

   Response: We need this fence around our corner lot and home.

3. **Circumstances Relate to Property**: The special circumstances and hardship relate only to the physical character of the land or buildings, such as dimensions, topography or soil conditions. They do not concern any business or activity of present or prospective owner or occupant carries on, or seeks to carry on, therein, nor to the personal, business or financial circumstances of any party with interest in the property.

   Response: We just bought this house new construction on June 2018 we work hard for this property.

4. **Not Resulting from Applicant Action:** The special circumstances and practical difficulties or hardship that are the basis for the variance have not resulted from any act, undertaken subsequent to the adoption of this Title or any applicable amendment thereto, of the applicant or of any other party with a present interest in the property. Knowingly authorizing or proceeding with construction, or development requiring any variance, permit, certificate, or approval hereunder prior to its approval shall be considered such an act.

   Response: none given

5. **Preserve Rights Conferred by District:** A variance is necessary for the applicant to enjoy a substantial property right possessed by other properties in the same zoning district and does not confer a special privilege ordinarily denied to such other properties.

   Response: We have our nice garden and new concrete and gazebo we need privacy because is in the comer we don't want to everybody look in our yard.

6. **Necessary for Use of Property:** The grant of a variance is necessary not because it will increase the applicant's economic return, although it may have this effect, but because without a variance the applicant will be deprived of reasonable use or enjoyment of, or reasonable economic return from, the property.

   Response: Without this fences we are not be able to to enjoy the additional space.

7. **Not Alter Local Character:** The granting of the variance will not alter the essential character of the locality nor substantially impair environmental quality, property values or public safety or welfare in the vicinity.

Response: We also like to reserve some right to improve and enhance our yard space while residing in Bensenville.

8. **Consistent with Title and Plan:** The granting of a variance will be in harmony with the general purpose and intent of this Title and of the general development plan and other applicable adopted plans of the Village, as viewed in light of any changed conditions since their adoption, and will not serve in effect to substantially invalidate or nullify any part thereof.

   Response: If this fences (sic) is granted, it will in no way interfere with the General Development Plan.

9. **Minimum Variance Needed:** The variance approved is the minimum required to provide the applicant with relief from undue hardship or practical difficulties and with reasonable use and enjoyment of the property.

   Response: If the Variance is approved, we will be able to proceed with our plans to obtain a permit and begin to install the fences.

	Meets Criteria	
Variances Approval Criteria	*Yes*	*No*
1. Special Circumstances	X	
2. Hardship	X	
3. Circumstances relate to the Property	X	
4. Not Resulting from Applicant Actions	X	
5. Preserve Rights Conferred By District	X	
6. Necessary for the Use of the Property	X	
7. Not Alter Local Character	X	
8. Consistent with Title and Plan	X	
9. Minimum Variance Needed	X	

RECOMMENDATIONS:
Staff recommends the Approval of the above Findings of Fact and therefore the Approval of the Variance for Ion Lucian Faltinski with the following conditions:

1. Fence must be built 5 feet from property line.
2. Fence must be no more than 5 feet of solid material, with the remaining made of lattice.
3. Applicant needs to apply for permit and pave their gravel parking pad.
4. Applicant needs to apply for gazebo permit.

Respectfully Submitted,
Department of Community
& Economic Development

PLAT OF SURVEY

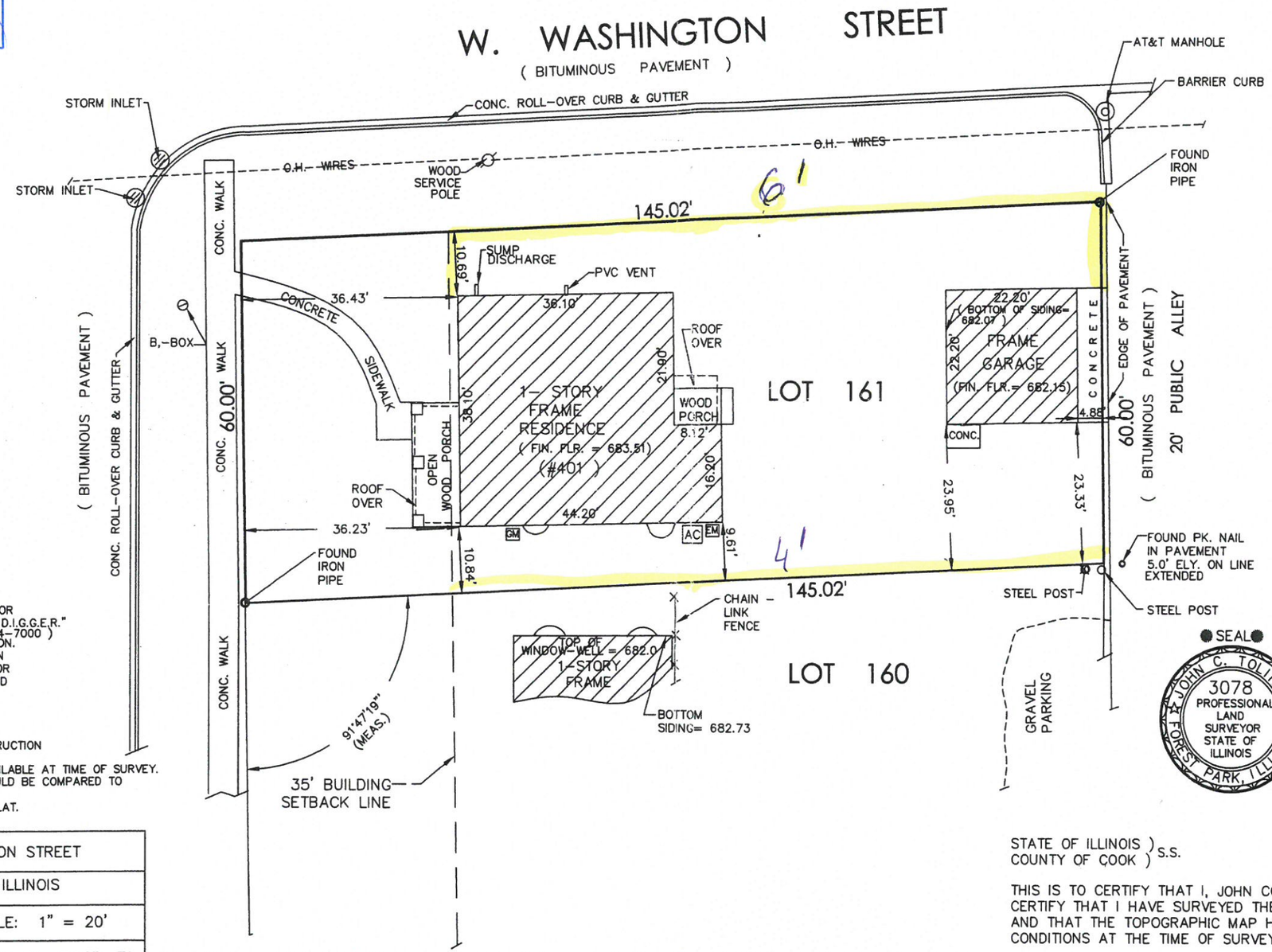
OF

LOT 161 IN VOLK BROTHER'S EDGEWOOD, BEING ASUBDIVISION IN THE NORTHEAST QUARTER OF SECTION 23, TOWNSHIP 40 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 7, 1926 AS DOCUMENT 213084, IN DUPAGE COUNTY, ILLINOIS.

RECEIVED
MAY 15 2018
By

ASSUMED MERIDIAN

SCALE: 1" =20.'



LEGEND

FRS = FOUND RAILROAD SPIKE
FIP = FOUND IRON PIPE
FIR = FOUND IRON ROD
FIB = FOUND IRON BAR
FPK = FOUND PK NAIL
FCC = FOUND CUT CROSS
FN = FOUND CUT NOTCH
SIP = SET IRON PIPE
SCC = SET CUT CROSS
SPK = SET PK NAIL
REC = RECORD INFORMATION
MEAS = MEASURED INFORMATION
CALC = CALCULATED INFORMATION
FC = FENCE CORNER
TF = TOP OF FOUNDATION
FF = FINISHED FLOOR
FFG = FINISHED FLOOR GARAGE
TC = TOP OF CURB
FL = FLOW LINE
INV = INVERT
CONC = CONCRETE
BIT = BITUMINOUS
FRM = FRAME
BRK = BRICK
CMP = CORRUGATED METAL PIPE
UE = UTILITY EASEMENT
PUE = PUBLIC UTILITY EASEMENT
PU&DE = PUBLIC UTILITY & DRAINAGE EASEMENT
FC = FENCE CORNER
N = NORTH
S = SOUTH
E = EAST
W = WEST
OH = OVERHANG
FRM. = FRAME
= IRON PIPE
= CUT CROSS
= CHAIN-LINK FENCE
= WOOD FENCE / PVC FENCE
= IRON FENCE
TR = TRANSFORMER (PAD)
AC = AIR CONDITIONER
GM = GAS METER
EM = ELECTRIC METER
= UTILITY PEDESTAL
= MANHOLE/CATCHBASIN
= STORM INLET
= UTILITY POLE
= ANCHOR (GUY WIRE)
= LIGHTPOLE
= TRAFFIC SIGNAL POLE
= SIGN
MB = MAILBOX

GENERAL NOTES:

1.) CALL:" J.U.L.I.E".@ #1-800-892-1234 PRIOR TO ANY DIGGING OR CONSTRUCTION. (CALL " D.I.G.G.E.R." FOR THE CITY OF CHICAGO ONLY @ #312-744-7000)
2.) NO UNDERGROUND UTILITIES SHOWN HEREON.
3.) REFER TO LOCAL ZONING AND SUBDIVISION ORDINANCES AND YOUR TITLE COMMITMENT FOR ANY PROPERTY RESTRICTIONS, SETBACKS AND EASEMENTS NOT SHOWN HEREON.
4.) THIS SURVEY IS NOT VALID WITHOUT THE SURVEYOR'S RAISED SEAL AFFIXED.
5.) COMPARE ALL POINTS AND REPORT ANY DIFFERENCES TO SURVEYOR PRIOR TO CONSTRUCTION AT ONCE.
7.) A CURRENT TITLE POLICY WAS MADE AVAILABLE AT TIME OF SURVEY.
8.) LEGAL DESCRIPTION SHOWN HEREON SHOULD BE COMPARED TO RECORDED DEED OR TITLE COMMITMENT.
9.) DO NOT SCALE DIMENSIONS FROM THIS PLAT.

COMMON ADDRESS: # 401 BARRON STREET	
BENSENVILLE, ILLINOIS	
ORDER NO: R18-300.1S	SCALE: 1" = 20'
FIELD DATE: 05/08/2018	BOOK: 44 PAGE: 71
PREPARED FOR: ROMAN LEWIS	

PROFESSIONAL LAND SERVICES, L.L.C.
LAND SURVEYING AND MAPPING
7518 W. MADISON AVE., STE. 2C – FOREST PARK, IL. 60130
PHONE: 708.488.1733 FAX: 708.488.1765 E-MAIL: prolandsurv@sbcglobal.net
RESIDENTIAL ■ COMMERCIAL ■ TOPOGRAPHIC ■ CONSTRUCTION ■ CONDOS ■ ALTA ■ MUNICIPAL ■ ENVIRONMENTAL

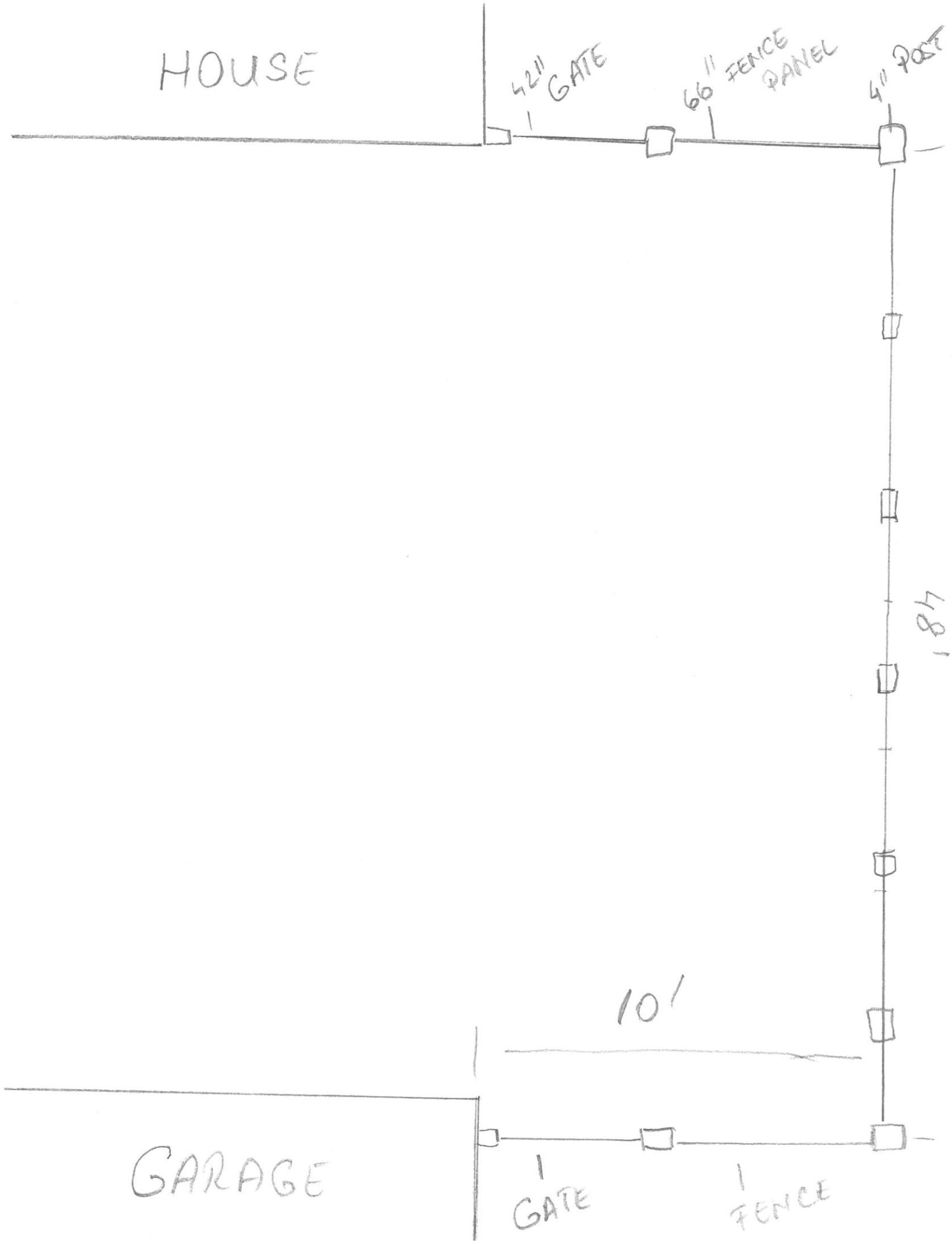
SEAL
JOHN C. TOLINE
3078
PROFESSIONAL LAND SURVEYOR STATE OF ILLINOIS
FOREST PARK, ILLINOIS

STATE OF ILLINOIS)
COUNTY OF COOK) S.S.

THIS IS TO CERTIFY THAT I, JOHN COLIN TOLINE, DO HEREBY CERTIFY THAT I HAVE SURVEYED THE ABOVE DESCRIBED PROPERTY AND THAT THE TOPOGRAPHIC MAP HEREON DRAWN REPRESENTS EXISTING CONDITIONS AT THE TIME OF SURVEY.

DATE: MAY 8, 2018

JOHN COLIN TOLINE, P.L.S. # 35-3078
MY COMMISSION EXPIRES NOVEMBER 30, 2018
PROFESSIONAL LAND SERVICES, L.L.C.
ILLINOIS PROFESSIONAL DESIGN FIRM REGISTRATION # 184-004648


HOUSE
42" GATE
66" FENCE PANEL
4" POST
48'
10'
GARAGE
GATE
FENCE

ORDINANCE # _____

AN ORDINANCE APPROVING A VARIANCE TO ALLOW A FENCE IN CORNER SIDE YARD FOR THE PROPERTY LOCATED AT 401 SOUTH BARRON STREET, BENSENVILLE, ILLINOIS

WHEREAS, Ion Lucian Faltinski ("Owner") and ("Applicant"), filed an application for Variance, Fence corner side yard, Municipal Code Section 10 – 14 – 11E – 1 of the Village of Bensenville Zoning Ordinance ("Zoning Ordinance") for the property located at 401 South Barron Street, Bensenville, as legally described in Exhibit "A," attached hereto and incorporated herein by reference (the "Subject Property"), a copy of said application being contained on file in the Community and Economic Development Department; and

WHEREAS, Notice of Public Hearing with respect to the variance sought by the Applicant was published in the Bensenville Independent on August 16, 2018 by the Village of Bensenville, and notice was also given via posting of a Public Hearing Sign on the Subject Property and via First Class mail to taxpayers of record within 250 feet of the Subject Property, all as required by the statutes of the State of Illinois and the ordinances of the Village; and

WHEREAS, pursuant to said Notice, the Community Development Commission of the Village of Bensenville conducted a Public Hearing on September 4, 2018 as required by the statutes of the State of Illinois and the ordinances of the Village; and

WHEREAS, after hearing the application, the Community Development Commission agreed with the findings of fact submitted by Applicant, recommending approval of the variance and, thereafter, voted unanimously (5-0) to recommend approval of the variance, and forwarded its recommendations, including the Staff Report and findings relative to the variance to the Village Board Committee of the Whole, which concurred in the recommendation made therein, as are attached hereto and incorporated herein by reference as Exhibit "B"; and

WHEREAS, on September 18, 2018 the Village Board Committee of the Whole then forwarded its recommendation, along with that of the Community Development Commission, to the President and Board of Trustees; and

WHEREAS, the President and Board of Village Trustees have reviewed the matter herein and have determined that approval of the requested variance as recommended by the Community

Development Commission to allow a fence in the corner side yard is consistent with the Zoning Ordinance.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois, duly assembled at a regular meeting, as follows:

SECTION ONE: That the forgoing recitals are hereby incorporated by reference as if fully set forth herein.

SECTION TWO: That the Subject Property is currently zoned under the Zoning Ordinance as RS – 4 Medium High Density Single Family District, which zoning classification shall remain in effect subject to the variance approved herein.

SECTION THREE: That the Staff Report and Recommendation to approve the variance sought, as adopted by the Community Development Commission as shown in Exhibit "B" is hereby adopted by the President and Board of Trustees, the Board of Trustees finding that the approval of said variance are proper and necessary.

SECTION FOUR: That the variance sought by the Applicant to allow a fence in the corner side yard on the Subject Property is hereby approved subject to the following condition:

1. Fence must be built 5 feet from property line.
2. Fence must be no more than 5 feet of solid material, with the remaining made of lattice.
3. Applicant needs to apply for permit and pave their gravel parking pad.
4. Applicant needs to apply for gazebo permit.

SECTION SIX: That all other ordinances and resolutions, or parts thereof, in conflict with the provisions of this Ordinance, are, to the extent of such conflict, expressly repealed.

SECTION SEVEN: This Ordinance shall be in full force and effect from and after its passage, approval, and publication in pamphlet form as provided by law.

PASSED AND APPROVED by the President and Board of Trustees of the Village of Bensenville, this ____ day of _____ 2018.

_____
Frank DeSimone, Village President

ATTEST:

_____
Nancy Quinn, Village Clerk

AYES:_____

NAYES:_____

ABSENT:_____

Ordinance # _____ - 2018
Exhibit "A"
Legal Description

The Legal Description is as follows:

LOT 16, IN CRESTBROOK, A SUBDIVISION IN THE SOUTHEAST QUARTER OF SECTION 23, TOWNSHIP 40 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 22, 1955 AS DOCUMENT 766038, IN DUPAGE COUNTY, ILLINOIS.

Commonly known as 751 South Center Street, Bensenville, Illinois.

Mr. Pozsgay reviewed the approval criteria for the proposed variance request consisting of:

1. **Special Circumstances:** Special circumstances exist that are peculiar to the property for which the variances are sought and that do not apply generally to other properties in the same zoning district. Also, these circumstances are not of so general or recurrent a nature as to make it reasonable and practical to provide a general amendment to this Title to cover them.

   Response: There have been several homes in the corner lat (sic) in our street and our city all have fences for privacy.

2. **Hardship or Practical Difficulties:** For reasons set forth in the findings, the literal application of the provisions of this Title would result in unnecessary and undue hardship or practical difficulties for the applicant as distinguished from mere inconvenience.

   Response: We need this fence around our corner lot and home.

3. **Circumstances Relate to Property**: The special circumstances and hardship relate only to the physical character of the land or buildings, such as dimensions, topography or soil conditions. They do not concern any business or activity of present or prospective owner or occupant carries on, or seeks to carry on, therein, nor to the personal, business or financial circumstances of any party with interest in the property.

   Response: We just bought this house new construction on June 2018 we work hard for this property.

4. **Not Resulting from Applicant Action:** The special circumstances and practical difficulties or hardship that are the basis for the variance have not resulted from any act, undertaken subsequent to the adoption of this Title or any applicable amendment thereto, of the applicant or of any other party with a present interest in the property. Knowingly authorizing or proceeding with construction, or development requiring any variance, permit, certificate, or approval hereunder prior to its approval shall be considered such an act.

   Response: none given

5. **Preserve Rights Conferred by District:** A variance is necessary for the applicant to enjoy a substantial property right possessed by other properties in the same zoning district and does not confer a special privilege ordinarily denied to such other properties.

   Response: We have our nice garden and new concrete and gazebo we need privacy because is in the comer we don't want to everybody look in our yard.

6. **Necessary for Use of Property:** The grant of a variance is necessary not because it will increase the applicant's economic return, although it may have this effect, but because without a variance the applicant will be deprived of reasonable use or enjoyment of, or reasonable economic return from, the property.

   Response: Without this fences we are not be able to to enjoy the additional space.

7. **Not Alter Local Character:** The granting of the variance will not alter the essential character of the locality nor substantially impair environmental quality, property values or public safety or welfare in the vicinity.

   Response: We also like to reserve some right to improve and enhance our yard space while residing in Bensenville.

8. **Consistent with Title and Plan:** The granting of a variance will be in harmony with the general purpose and intent of this Title and of the general development plan and other applicable adopted plans of the Village, as viewed in light of any changed conditions since their adoption, and will not serve in effect to substantially invalidate or nullify any part thereof.

   Response: If this fences (sic) is granted, it will in no way interfere with the General Development Plan.

9. **Minimum Variance Needed:** The variance approved is the minimum required to provide the applicant with relief from undue hardship or practical difficulties and with reasonable use and enjoyment of the property.

   Response: If the Variance is approved, we will be able to proceed with our plans to obtain a permit and begin to install the fences.

   Commissioner Czarnecki entered the meeting at 6:41 p.m.

Mr. Pozsgay stated Staff recommends the approval of the findings of fact as they appear above and therefor recommend approval of the request with the following conditions:

1. Fence must be built 5 feet from property line.
2. Fence must be no more than 5 feet of solid material, with the remaining made of lattice.
3. Applicant needs to apply for permit and pave their gravel parking pad.
4. Applicant needs to apply for gazebo permit.

There were no questions from the Commission.

Motion: Commissioner Wasowicz made a motion to close CDC Case No. 2018-16. Commissioner Ciula seconded the motion.

ROLL CALL: Ayes: Rowe, Ciula, Czarnecki, King, Wasowicz

Nays: None

All were in favor. Motion carried.

Chairman Rowe closed the Public Hearing at 6:42 p.m.

Motion: Commissioner Wasowicz made a combined motion to approve the Findings of Fact for CDC Case No. 2018-16 as presented by Staff and to approve the Variance. Commissioner Ciula seconded the motion.

ROLL CALL: Ayes: Rowe, Ciula, Czarnecki, King, Wasowicz

Nays: None

All were in favor. Motion carried.

_____

Ronald Rowe, Chairman
Community Development Commission

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Informational	Amit Thakkar	Finance	September 18, 2018

DESCRIPTION:

Informational Item - Private Placement of the Loan/Bank Qualified Debt

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

x	*Financially Sound Village*		*Enrich the lives of Residents*
	Quality Customer Oriented Services		*Major Business/Corporate Center*
	Safe and Beautiful Village		*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
Not Applicable	Not applicable

BACKGROUND:

The Village of Bensenville has a $428,400 balance as a G.O. Bond debt on which we can levy the property tax. The debt service levy collected as a part of the property tax provides the amount for the debt service of the above debt. We do not want to increase the burden of the debt service levy on the residents and businesses but our goal is always to minimize/stabilize the burden.

The downtown improvement project, had a projected cost of $2.2 million. Originally, this full project cost was to be funded with a Bond issuance of $2.2 million. However, the Village has been been awarded a grant of $1.0 million towards the project and therefore; reducing the Village contribution to $1.2 million.

When the Village issues a new bond, the issuance cost is typically fixed for the respective of the amount of issuance (except for underwriting). We are recommending the issuance of a private placement of the taxable loan on which the property tax will be levied and we will try to limit the annual debt service up to $428,400 (current levy) or less while benefiting from the low issuance cost. Per the Village's Bond consultant (Speer), the rate expected is to be approximately 3.5+/-.

KEY ISSUES:

a) Currently debt service levy on Bond 2014C is $428,400.
b) The downtown improvement project's projected total cost of 2.2 Mil, will be reduced to 1.0 Mil from a grant award applied to the project funding. The new revised cost of $1.2 will be issued as bank qualified (non rated) against the full faith and credit of the tax levy.
c) The issuance cost will be lower than the issuance of a traditional bond.

ALTERNATIVES:

Discretion of the Village Committee of the Whole.

RECOMMENDATION:

Staff is recommending to give the direction to move forward with the bank qualified loan term sheet.

BUDGET IMPACT:

The debt service levy of $428,400 (current) will continue on the property tax bill.

ACTION REQUIRED:

Staff requests permission of the Board to proceed with the bank qualified loan term sheet. No final action is

being requested on debt issuance.

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Resolution	Amit Thakkar	Finance	September 18, 2018

DESCRIPTION:

Consideration of a Resolution Authorizing the Opening of a Bank/Investment Account with Wintrust Community Bank

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

x	*Financially Sound Village*		*Enrich the lives of Residents*
	Quality Customer Oriented Services		*Major Business/Corporate Center*
	Safe and Beautiful Village		*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
COW	September 18, 2018

BACKGROUND:

Wintrust Community Bank is a special banking trust with 15 different charters. Normally, with any bank, a balance up to $250,000 is secured with FDIC insurance and any amount above $250,000 is subject to risk and has to collateralize. But because of the 15 different charter makeup of Wintrust , they can provide FDIC coverage up to ($250,000 x 15) $3,750,000. They are also providing an account whereby we can make 2.08% interest rate (APY 2.10%) while keeping the fund liquid. We are requesting to start a secured account where funds are secured per the investment policy, earning interest and also keeping the funds liquid.

KEY ISSUES:

a) Typically the FDIC covers up to $250,000 of deposits.
b) Above $250,000, the amount has to be collateralize.
c) Wintrust can insure up to $3,750,000 due to having 15 different charters.
d) Wintrust can also provide an interest of 2.08% API while keeping the funds liquid.

ALTERNATIVES:

At the discretion of the Village Committee of Whole.

RECOMMENDATION:

Staff recommends the approval of the Resolution authorizing the opening of the bank account.

BUDGET IMPACT:

The Village will earn 2.08% on the liquid funds maintained with Wintrust.

ACTION REQUIRED:

Approval of the Resolution authorizing opening an account at Wintrust.

ATTACHMENTS:

Description	Upload Date	Type
Resolution	9/12/2018	Cover Memo
Information Sheet	9/12/2018	Cover Memo

Resolution No. R-_____

A RESOLUTION DESIGNATING WINTRUST BANK AS THE DEPOSITORY FOR THE VILLAGE OF BENSENVILLE

WHEREAS, the VILLAGE OF BENSENVILLE (hereinafter referred to as the "VILLAGE") is a body politic and corporate, organized and existing pursuant to the Illinois Municipal Code, 65 ILCS 5/1-1-1 et seq.; and

WHEREAS, the VILLAGE, pursuant to its authority under the Illinois Municipal Code, 65 ILCS 5/1-1-1 et seq., is authorized to contract for services and to designate banks and savings and loans in which the funds and monies in its custody may be deposited; and

WHEREAS, the VILLAGE has determined that Wintrust Bank is best suited to serve the needs of the VILLAGE.

NOW, THERFORE, BE IT RESOLVED BY THE VILLAGE BOARD OF THE VILLAGE OF BENSENVILLE, DUPAGE AND COOK COUNTIES, ILLINOIS, as follows:

SECTION 1: The recitals set forth above are incorporated herein and made a part hereof.

SECTION 2: Wintrust Bank is hereby designated as the depository for such deposits and funds of the VILLAGE and is hereby the banking institution of the VILLAGE.

SECTION 3: The Village Manager, Village Treasurer, Village Finance Director and the staff are hereby authorized to take such action as may be necessary to carry out the terms of this Resolution.

SECTION 4: The Village Manager, Village Treasurer and Village Finance Director are authorized, by and on behalf of the VILLAGE, to open such accounts as they deem necessary or appropriate at said bank, to endorse any checks, drafts, notes, and money orders payable to, or otherwise being the property of, the VILLAGE and to deposit them in such bank accounts, and to draw and sign

checks on the funds so deposited in such accounts in the name of the VILLAGE, in accordance with the policies of the VILLAGE.

SECTION 5: The VILLAGE Clerk is hereby directed to transmit a certified copy of this Resolution to Wintrust Bank in Bensenville at the address provided by them in the proposal referenced herein.

SECTION 6: This Resolution shall take effect immediately upon its passage and approval as provided by law. PASSED AND APPROVED by the President and Board of Trustees of the Village of Bensenville, Illinois this _____ day of September, 2018.

Approved:

_____

Frank DeSimone, President

ATTEST:

_____

Nancy Quinn, Village Clerk

Ayes: _____

Nays: _____

Absent: _____

WINTRUST
COMMUNITY BANKS

wintrust.com/findus

MAXSAFE®

Wintrust Community Banks are all deemed well-capitalized by the Federal Deposit Insurance Corporation, Office of the Comptroller of the Currency, and other government regulatory bodies. Wintrust's MaxSafe deposits maximize FDIC insurance up to $3.75 million per titled account.

MAXSAFE OVERVIEW

With fifteen separate community banks in Illinois, Wisconsin and Indiana, we are able to combine FDIC insurance protection to offer fifteen times the usual amount of coverage. Via a custody account from our affiliate, The Chicago Trust Company, N.A., opened by a MaxSafe professional, we deposit funds on your behalf across those fifteen banks. You will receive a single consolidated statement, and one document at the end of the year for tax reporting purposes, but have the FDIC insurance coverage equal to having your money on deposit at 15 individually chartered banks.

BENEFITS

MAXIMUM FDIC INSURANCE.

From a single MaxSafe account, you can obtain up to $3.75 million in FDIC protection per titled account on a certificate of deposit (CD) or money market account (MMA).

YOUR BANK.

Work with one financial institution to insure your deposits from $250,000 to $3,750,000 per titled account.

A SINGLE STATEMENT.

Receive one regular statement detailing your deposit.

ONE TAX REPORTING DOCUMENT.

At the end of the year you will receive one tax document from MaxSafe via The Chicago Trust Company, N.A. No need for multiple 1099s from a slew of different banks or financial institutions.

A COMPETITIVE RATE.

MaxSafe offers competitive rates on both CDs and our MaxSafe Money Market Account, so you don't have to find rates at different institutions.

CHOICE OF MATURITIES AND ULTIMATELY LIQUIDITY.

You can choose from a multitude of maturities and liquidity options: the MaxSafe Money Market Account for a more liquid FDIC insured deposit or CDs ranging from three months to four years (48 months).

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Ordinance	C. Williamsen	Village Clerk's Office	September 18, 2018

DESCRIPTION:

Consideration of an Ordinance Amending the Bensenville Village Code Title 3 - Chapter 3 - Liquor Regulations - Creation of a Class K-1 License

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

	Financially Sound Village		*Enrich the lives of Residents*
X	*Quality Customer Oriented Services*		*Major Business/Corporate Center*
X	*Safe and Beautiful Village*		*Vibrant Major Corridors*

COMMITTEE ACTION: **DATE:** September 18, 2018

BACKGROUND:

The Village of Bensenville recently annexed White Pines Golf Course into the Village's corporate limits. During that process, the Village Board amended the Village Code for the creation of a Class K liquor license for the golf course. Since then, Village Staff have been informed that the golf dome is operated by a separate company. Kemper Sports is the operator of the golf dome and currently holds their own liquor license within the County of DuPage.

KEY ISSUES:

The proposed Class K-1 License will authorize the sale of liquor, beer and wine inside the Golf Dome located on the golf course premise. Consumption of liquor, beer and wine will only be allowed inside the dome. The golf dome will be allowed to serve liquor, beer and wine from 6:00am - 2:00am Monday - Saturday and from 9:00am - 2:00am on Sundays. These hours are standard with the other licenses issued in Bensenville.

ALTERNATIVES:

Discretion of the Village Committee of the Whole.

RECOMMENDATION:

Village Staff is recommending approval of the proposed Village Ordinance amending the Bensenville Village Code Title 3 - Chapter 3 - Liquor Regulations - Creation of a Class K-1 License.

BUDGET IMPACT:

An additional $2,500 of net revenue to the Village.

ACTION REQUIRED:

Approval of the proposed Village Ordinance amending the Bensenville Village Code Title 3 - Chapter 3 - Liquor Regulations - Creation of a Class K-1 License.

ATTACHMENTS:

Description	Upload Date	Type
Class K-1 LL Amendment	9/12/2018	Cover Memo

Ordinance _____

AN ORDINANCE AMENDING THE BENSENVILLE VILLAGE CODE
TITLE 3 – CHAPTER 3 – LIQUOR REGULATIONS

BE IT AND IT IS HEREBY ORDAINED by the President and Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois, as follows:

SECTION ONE: That Section 3-3-5 of the Bensenville Village Code, entitled "License classifications; fee; number" is hereby amended by the creation of a class K-1 license; the following language shall be inserted in lieu thereof:

"M. Class K-1:

1. Class K-1 licenses shall authorize the retail sale on the premises specified of alcoholic liquor to the public for consumption generally as distinguished from members of any particular organization which may have a license to sell alcoholic liquor.

2. The annual license fee for such Class K-1 licenses shall be two thousand five hundred dollars ($2,500.00).

3. There shall be no more than one (1) Class K-1 licenses issued and outstanding at any one time."

"3-3-13 CLOSING HOURS:

No person licensed under this chapter may sell at retail, give away or consume alcoholic liquor between the hours of two o'clock (2:00) A.M. and six o'clock (6:00) A.M. on Monday through Saturday. Persons holding Class E-1, E-2, H, J, K and K-1 licenses under this chapter shall not sell at retail, give away, or allow consumption of alcoholic liquor on the licensed premises between the hours of two o'clock (2:00) A.M. and nine o'clock (9:00) A.M. on Sunday. All other persons licensed under this chapter shall not sell at retail, give away, or allow consumption of alcoholic liquor on the licensed premises between the hours of two o'clock (2:00) A.M. and twelve o'clock (12:00) noon on Sunday. A person licensed to sell at retail any alcoholic liquor may do so on the day of any national, State, County or Municipal election, including primary elections during the hours the polls are open and such other times as provided by this chapter.

Every person licensed under this chapter to sell alcoholic liquor at retail shall cause all lights of all outside advertising display or illuminating signs to be turned off at the closing hour established under this section."

SECTION TWO: All Resolutions and Ordinances in conflict herewith are replaced to the extent of said conflict.

SECTION THREE: This Ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

PASSED AND APPROVED by the President and Board of Trustees at the Village of Bensenville, this 25th day September, 2018.

APPROVED:

_____
Frank DeSimone, Village President

ATTEST:

_____
Nancy Quinn, Village Clerk

AYES:_____

NAYS:_____

ABSENT:_____

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Resolution	Joe Caracci	Public Works	September 18, 2018

DESCRIPTION:

Consideration of a Resolution Authorizing the Execution of Amendment No. 4 to the Engineering Services Agreement with HR Green for Plan Review Services Associated with the Elgin-O'Hare Western Access Project in the Not to Exceed Amount of $100,000 for a Revised Contract Total of $548,000

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

X	*Financially Sound Village*		*Enrich the lives of Residents*
	Quality Customer Oriented Services		*Major Business/Corporate Center*
X	*Safe and Beautiful Village*	X	*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
COW	September 18, 2018

BACKGROUND:

The Elgin-O'Hare Western Access (EOWA) Project will be a game changer for the Village of Bensenville. The EOWA will include the eastern leg of the mainline tollway as well as both the northern and southern ring roads.

The Tollway is actively designing the multiple parts (contracts) that make up the whole of the Project. Each contract requires at least three reviews from the Village (30%, 60%, 95%). The Tollway is hiring their own engineering firms to perform this task on behalf of the Tollway. The Village must take these reviews seriously in order to protect our interests in the project. From infrastructure to aesthetics, it is important that the Village participate in every aspect of the project.

The Villages of Roselle, Itasca, and Wood Dale have secured the services of HR Green to assist in their review, coordination, and outreach for the Project. HR Green has the personnel on staff that were intimately involved in the Phase I design when it was under the control of IDOT. They have strategic connections within the Tollway project team that can be beneficial to Villages and their individual and collective interests. Staff feels that HR Green can utilize their technical expertise, experience, leverage, and connections to provide a benefit to the Village of Bensenville as well.

KEY ISSUES:

From October 2018 to December 2019, the Village anticipates at least 17 plan/IGA reviews for the EOWA. The complexity of the reviews is great as it will be vital to take drainage, utilities and aesthetics into account. With this magnitude of involvement, the Village seeks the assistance of consulting engineering firms.

In October 2013, the Village approved an Engineering Services Agreement with HR Green to perform the first few reviews. The contract total was $23,000. In January 2014, the Village approved Amendment No. 1 to the contract in the amount of $125,000. Amendment No 2 to the contract in amount of $150,000 was approved on October 27, 2015 which was to last until end of December 2016. Amendment No 3 to the contract in amount of $150,000 was approved on January 14, 2017 which was to last until end of December 2017. Due to the Tollway's constantly changing schedule for various reason, the Amendment No. 3 has lasted until now and is anticipated to expire by the end of September 2018. HR Green has performed well on these first reviews and staff would like to extend the contract through the end of 2019. The Village budgeted $100,000 for EOWA Plan Review Assistance in 2018.

The HR Green proposal includes a not-to-exceed sum of $99,978; however, due to budgetary reason the staff recommends to approve a contract in not-to-exceed amount of $100,000. Payments will be made for actual time spent on the reviews and in meetings. Staff will closely monitor time spent on the project to keep the budget on track and in line.

ALTERNATIVES:

Discretion of the Committee of the Whole.

RECOMMENDATION:

Staff recommends approval of Amendment No. 4 with HR Green for plan reviews Services associated with EOWA project.

BUDGET IMPACT:

$100,000 in additional expenditures for a total contract of $548,000.
Funds are available in the CY2018 CIP - Design Account in the amount of $100,000

ACTION REQUIRED:

Approval of the Resolution Authorizing the Execution of Amendment No. 4 to the Engineering Services Agreement with HR Green for Plan Review Services Associated with the Elgin-O'Hare Western Access Project in the Not to Exceed Amount of $100,000 for a Revised Contract Total of $548,000

ATTACHMENTS:

Description	Upload Date	Type
Resolution	9/10/2018	Resolution Letter
MAP - EOWA	10/10/2013	Backup Material
HRG Proposal	9/10/2018	Backup Material

RESOLUTION NO.

AUTHORIZING THE EXECUTION OF AMENDMENT NO. 4 TO THE ENGINEERING SERVICES AGREEMENT WITH HR GREEN, INC. FOR PLAN REVIEW SERVICES ASSOCIATED WITH THE ELGIN O'HARE WESTERN ACCESS PROJECT IN THE NOT TO EXCEED AMOUNT OF $100,00.00 FOR A REVISED CONTRACT AMOUNT OF $548,000.00

WHEREAS the Illinois State Toll Highway Authority (ISTHA) is moving forward with the design and construction of the Elgin O'Hare Western Access (EOWA) Project, and

WHEREAS the EOWA Project will have a significant portion through the Village limits of Bensenville, and

WHEREAS it is in the best interest of the Village to participate in the design of the Project by performing the necessary reviews of submittals in a timely manner, and

WHEREAS the Village anticipates at least seventeen submittals in the 2018-19 calendar year, and

WHEREAS HR Green, Inc. has been retained by the Villages of Roselle, Itasca, and Wood Dale to assist in the plan reviews, meeting coordination, and public outreach, and

WHEREAS staff feels HR Green, Inc. is the Most Qualified Firm to assist the Village in similar aspects, and

WHEREAS staff has requested a proposal from HR Green to perform review through the end of 2019, and

WHEREAS HR Green, Inc. provided a proposal in the amount of $99,978.00 based on the anticipated seventeen (17) submittals, and

WHEREAS due to budgetary constraints the Village staff recommends approval of a not-to-exceed contract of $100,000; and

NOW THEREFORE BE IT RESOLVED by the Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois as follows:

SECTION ONE: The recitals set forth above are incorporated herein and made a part hereof.

SECTION TWO: The Village Board authorizes and approves the attached Resolution authorizing amendment No. 4 to the engineering review services for EOWA

Project in an amount not-to-exceed of $100,000, for a revised contract total of $548,000 with HR Green Inc. of McHenry, IL.

SECTION THREE: The Village Manger is hereby authorized and directed to execute on behalf of the Village of Bensenville, and the Deputy Clerk is hereby authorized to attest thereto, the necessary paperwork.

SECTION FOUR: This Resolution shall take effect immediately upon its passage and approval as provided by law

SECTION FIVE: This resolution is passed and approved by the President and Board of Trustees of the Village of Bensenville, Illinois, September 25, 2018.

APPROVED:

_____
Frank DeSimone, Village President

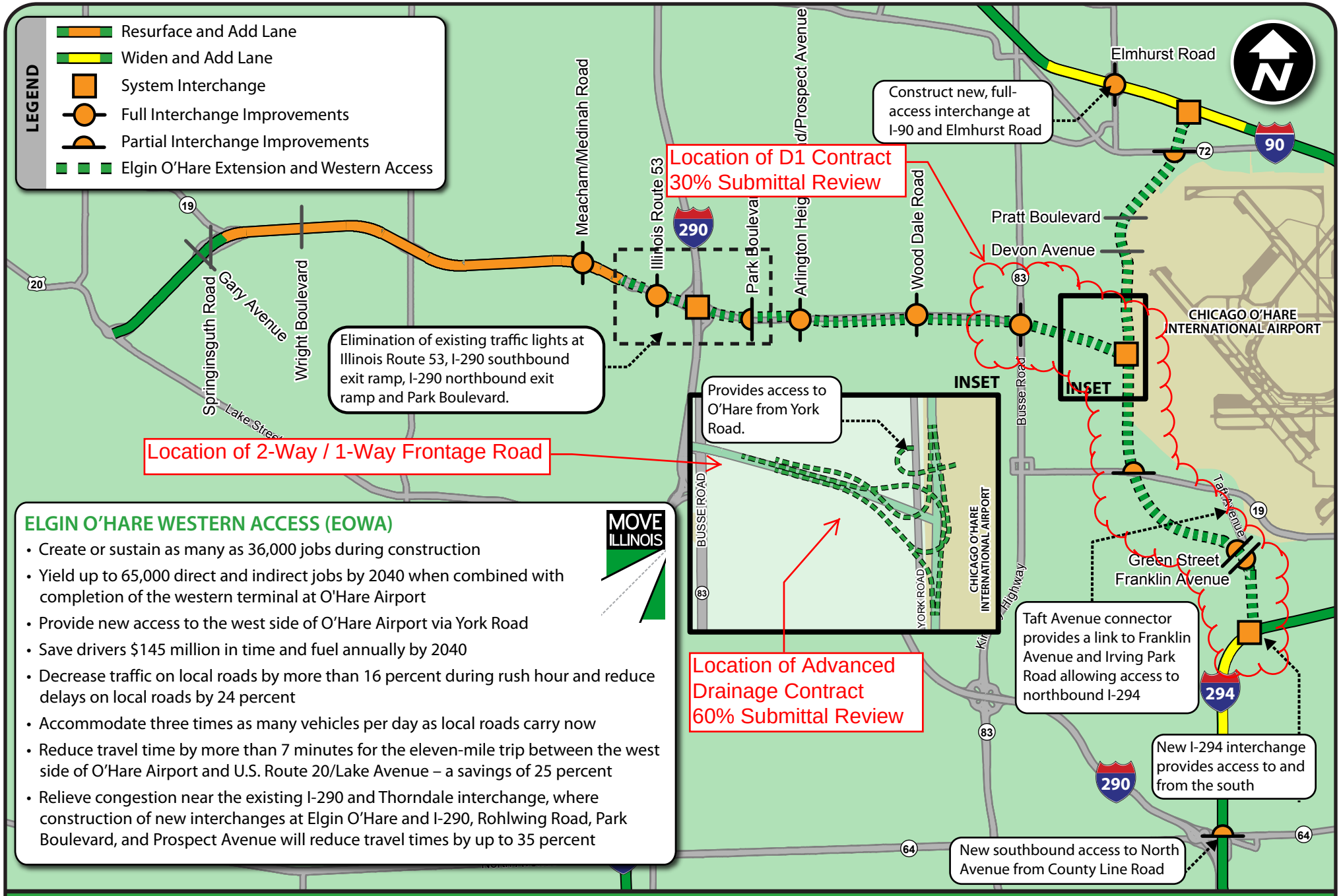
ATTEST:

_____
Nancy Quinn
Village Clerk

AYES: _____

NAYS: _____

ABSENT: _____



ELGIN O'HARE WESTERN ACCESS (EOWA)

- Create or sustain as many as 36,000 jobs during construction
- Yield up to 65,000 direct and indirect jobs by 2040 when combined with completion of the western terminal at O'Hare Airport
- Provide new access to the west side of O'Hare Airport via York Road
- Save drivers $145 million in time and fuel annually by 2040
- Decrease traffic on local roads by more than 16 percent during rush hour and reduce delays on local roads by 24 percent
- Accommodate three times as many vehicles per day as local roads carry now
- Reduce travel time by more than 7 minutes for the eleven-mile trip between the west side of O'Hare Airport and U.S. Route 20/Lake Avenue – a savings of 25 percent
- Relieve congestion near the existing I-290 and Thorndale interchange, where construction of new interchanges at Elgin O'Hare and I-290, Rohlwing Road, Park Boulevard, and Prospect Avenue will reduce travel times by up to 35 percent

EOWA

THE ELGIN O'HARE WESTERN ACCESS PROJECT
A New, All-Electronic Toll Road

As of December 2012. Subject to change.

Updated: 02/01/13

HRGreen

Simple Scope Short Form Agreement

Project:	Elgin O'Hare Western Bypass Plan Review Services	Project No: Date:	88130313.04 09/07/2018

Client:	Village of Bensenville
Contact:	Mr. Evan Summers
Title:	Village Manager
Address:	12 S. Center Street
City/State/Zip:	Bensenville, IL 60106
Phone/Email:	630-350-3420 ESummers@bensenville.il.us

The CLIENT agrees to employ HR Green, Inc. (COMPANY) to perform the following services:

This agreement follows the same format as a prior agreement for similar services during Fiscal Year 2014 approved by the Village of Bensenville on March 11, 2014, and which through mutual agreement of the CLIENT and COMPANY was extended through October 31, 2015. A second agreement for similar services for the period from November 1, 2015 through December 31, 2016 was approved on October 27, 2015. A third agreement for similar services for the period from January 1, 2017 through December 31, 2017, and which through mutual agreement of the CLIENT and COMPANY was extended into 2018 was approved on January 25, 2017.

This agreement is for the services noted below, which are estimated to be required during the period from November 1, 2018 through December 31, 2019, and said services are based upon schedules provided by the Illinois Tollway.

Scope of Services:

Task A: Village Internal Meetings

- COW Meetings and Meeting Preparation
- Public Works/Utility Coordination
- HR Green Team – Project Management and Coordination

Task B: External – Governmental/Regulatory Agency Meetings

- Tollway with CH2MHill – Monthly/periodic and other Design Coordination Meeting

Task D: Plan Reviews

Item 1 – IGA which will include improvements from:
Contract E03 (4683) - EOWA: Route 83 to York Road
(2018, 4th Quarter submittal)

Item 2 – IGA which will include improvements from:
Various Land parcel transfers
(2019, 1st Quarter submittal)

Item 3 – IGA which will include improvements from:
Contract S03 (46XX) – Franklin Avenue / Green Street / County Line Road
(2019, 1st Quarter submittal)

Item 4 – IGA which will include improvements from:
Contract E04 (4669) – Roadway and Bridge Construction at Western Access
(2019, 2nd Quarter submittal)

Item 5 – IGA which will include improvements from:
Contract E05 – IL 490 and IL 19 Interchange
(2019, 2nd Quarter submittal)

Item 6 – IGA which will include improvements from:
Contract N04 – EOWA: Western Access from York Road
(2019, 3rd Quarter submittal)

Scope of plan review and evaluation for each of the following project plan and specification submittals to include and be limited to:

- Review of project improvements affecting local roadways, drainage plans/calculations, aesthetic improvements and Village utilities within Village of Bensenville corporate boundaries.
- Submittal of plan review comments to Tollway.

Item 7 - Project E03 – EOWA: IL 83 to York Road Contract
Post 100% / bid set plans and specifications. (2018, 4th Quarter submittal)

Item 8 - Project S03 – Franklin Avenue – County Line Road to Wolf Road Contract
100% plans and specifications. (2018, 4th Quarter submittal)

Item 9 - Project S03 – Franklin Avenue – County Line Road to Wolf Road Contract
Post 100% / bid set plans and specifications. (2019, 1st Quarter submittal)

Item 10 - Project E04 (4669) – EOWA: West Terminal Interchange South Half Contract
100% plans and specifications. (2019, 1st Quarter submittal)

Item 11 - Project E04 (4669) – EOWA: West Terminal Interchange South Half
Post 100% / bid set plans and specifications. (2019, 2nd Quarter submittal)

Item 12 - Project E05 – IL 19 Interchange Contract
100% plans and specifications. (2019, 1st Quarter submittal)

Item 13 - Project E05 – IL 19 Interchange Contract
Post 100% / bid set plans and specifications. (2019, 2nd Quarter submittal)

Item 14 - Project N04 – EOWA: Western Access from York Road Contract
60% plans and specifications. (2019, 1st Quarter submittal)

Item 15 - Project N04 – EOWA: Western Access from York Road Contract
95% plans and specifications. (2019, 2nd Quarter submittal)

Item 16 - Project N04 – EOWA: Western Access from York Road Contract
100% plans and specifications. (2019, 2nd Quarter submittal)

Item 17 - Project N04 – EOWA: Western Access from York Road Contract
Post 100% / bid set plans and specifications. (2019, 3rd Quarter submittal)

Item 18 – Easement Plat preparation/review (optional, if needed)

Task E: Project Management and Construction Monitoring

Item 1– Contract 46XX (S03) – Franklin Avenue / Green Street / County Line Road
Roadway and Utility Reconstruction
Underground utility observation and reporting (optional, if needed)

The CLIENT agrees to pay COMPANY for the above scope of services:

Per current Rate Schedule, with an estimated fee of:

Task A: Village Internal Meetings

Item #3:	$7,196.00
Item #4:	$6,986.00
Item #7:	$6,986.00
TOTAL:	$21,168.00

Task B: External – Governmental/Regulatory Agency Meetings

Item #2:	$6,538.00
TOTAL:	$6,538.00

Task D: Plan Reviews

Item #1:	$2,136.00
Item #2:	$4,272.00
Item #3:	$3,560.00
Item #4:	$3,560.00
Item #5:	$2,848.00
Item #6:	$4,272.00
Item #7:	$4,830.00
Item #8:	$6,440.00
Item #9:	$3,864.00
Item #10:	$3,864.00
Item #11:	$3,220.00
Item #12:	$2,576.00
Item #13:	$1,610.00
Item #14:	$2,576.00
Item #15:	$2,576.00
Item #16:	$2,576.00
Item #17:	$1,932.00
Item #18:	$6,408.00
TOTAL:	$63,120.00

Task E: Project Management and Construction Monitoring

Item #1:	$9,152.00
TOTAL:	$9,152.00

Fourteen (14) Month (Nov 2018 thru Dec 2019) Totals: $99,978.00

These tasks will be handled as a time and material contract, and all personnel will be billed at a 2.8 multiplier of actual hourly salary rates paid during the contract term.

When 80% of the fee has been expended for the requested services, the COMPANY shall identify potential future tasks or additional work and submit them to the CLIENT who shall make the determination of whether to authorize the future tasks or additional work.

☒ Reimbursable Expenses Included

☐ Subconsultant Services Included

☐ Prepayment Required for Work to Commence

Copy To:

☒ Accounting
☒ Mr. Scott Marquardt
☒ Mr. Tim Hartnett

TERMS AND CONDITIONS

Services provided by COMPANY under this Agreement will be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing at the same time and in the same or similar locality.

Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the CLIENT or the COMPANY. COMPANY's services under this Agreement are being performed solely for the CLIENT's benefit, and no other party or entity shall have any claim against COMPANY because of this Agreement or the performance or nonperformance of services hereunder. The CLIENT and COMPANY agree to require a similar provision in all contracts with contractors, subcontractors, subconsultants, vendors and other entities involved in this project to carry out the intent of this provision.

In an effort to resolve any conflicts that arise during the design or construction of the project or following the completion of the project, the CLIENT and COMPANY agree that all disputes between them arising out of or relating to this Agreement shall be submitted to non-binding mediation unless the parties mutually agree otherwise. The CLIENT and COMPANY further agree to include a similar mediation provision in all agreements with independent contractors and consultants retained for the project and to require all independent contractors and consultants also to include a similar mediation provision in all agreements with subcontractors, sub-consultants, suppliers or fabricators so retained, thereby providing for mediation as the primary method for dispute resolution between the parties to those agreements.

If litigation arises for purposes of collecting fees or expenses due under this Agreement, the Court in such litigation shall award reasonable costs and expenses, including attorney fees, to the party justly entitled thereto. In awarding attorney fees, the Court shall not be bound by any Court fee schedule, but shall, in the interest of justice, award the full amount of costs, expenses, and attorney fees paid or incurred in good faith.

All reports, plans, specifications, field data, field notes, laboratory test data, calculations, estimates and other documents including all documents on electronic media prepared by COMPANY as instruments of service shall remain the property of COMPANY.

All project documents including, but not limited to, plans and specifications furnished by COMPANY under this project are intended for use on this project only. Any reuse, without specific written verification or adoption by COMPANY, shall be at the CLIENT's sole risk, and CLIENT shall defend, indemnify and hold harmless COMPANY from all claims, damages and expenses including attorney's fees arising out of or resulting therefrom.

Under no circumstances shall delivery of electronic files for use by the CLIENT be deemed a sale by the COMPANY, and the COMPANY makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall the COMPANY be liable for indirect or consequential damages as a result of the CLIENT's use or reuse of the electronic files.

Because electronic file information can be easily altered, corrupted, or modified by other parties, either intentionally or inadvertently, without notice or indication, COMPANY reserves the right to remove itself from of its ownership and/or involvement in the material from each electronic medium not held in its possession. CLIENT shall retain copies of the work performed by COMPANY in electronic form only for information and use by CLIENT for the specific purpose for which COMPANY was engaged. Said material shall not be used by CLIENT or transferred to any other party, for use in other projects, additions to this project, or any other purpose for which the material was not strictly intended by COMPANY without COMPANY's expressed written permission. Any unauthorized use or reuse or modifications of this material shall be at CLIENT'S sole risk. Furthermore, the CLIENT agrees to defend, indemnify, and hold COMPANY harmless from all claims, injuries, damages, losses, expenses, and attorney's fees arising out of the modification or reuse of these materials.

The CLIENT agrees that the General Contractor is solely responsible for job site safety, and warrants that this intent shall be made evident in the CLIENT's Agreement with the General Contractor. The CLIENT also agrees that the

CLIENT, COMPANY and COMPANY's consultants shall be indemnified and shall be made additional insureds on the General Contractor's and all subcontractor's general liability policies on a primary and non-contributory basis.

The CLIENT shall make no claim for professional negligence, either directly or in a third party claim, against COMPANY unless the CLIENT has first provided COMPANY with a written certification executed by an independent design professional currently practicing in the same discipline as COMPANY and licensed in the State in which the claim arises.

The CLIENT agrees, to the fullest extent permitted by law, to limit the liability of COMPANY and COMPANY's officers, directors, partners, employees, shareholders, owners and subconsultants to the CLIENT for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, including attorneys' fees and costs and expert witness fees and costs, so that the total aggregate liability of COMPANY and its officers, directors, partners, employees, shareholders, owners and subconsultants to all those named shall not exceed $ 10,000. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.

Invoices for COMPANY's services shall be submitted, on a monthly basis. Invoices shall be due and payable upon receipt. If any invoice is not paid within 15 days, COMPANY may, without waiving any claim or right against the CLIENT, and without liability whatsoever to the CLIENT suspend or terminate the performance of services. The retainer shall be credited on the final invoice. Accounts unpaid 30 days after the invoice date may be subject to a monthly service charge of 1.5% (or the maximum legal rate) on the unpaid balance. In the event any portion of an account remains unpaid 60 days after the billing, COMPANY may institute collection action and the CLIENT shall pay all costs of collection, including reasonable attorney's fees.

The COMPANY is not a Municipal Advisor registered with the Security and Exchange Commission (SEC) as defined in the Dodd-Frank Wall Street Reform and Consumer Protection Act. When the CLIENT is a municipal entity as defined by said Act, and the CLIENT requires project financing information for the services performed under this AGREEMENT, the CLIENT will provide the COMPANY with a letter detailing who their independent registered municipal advisor is and that the CLIENT will rely on the advice of such advisor. A sample letter can be provided to the CLIENT upon request.

This agreement is approved and accepted by the CLIENT and COMPANY upon both parties signing and dating the agreement. Work will not begin until COMPANY receives a signed agreement. The effective date of the agreement shall be the last date entered below.

VILLAGE OF BENSENVILLE

Accepted by: _____

Printed/ Typed Name: Evan K. Summers

Title: Village Manager

Date: 09/25/2018

HR GREEN, INC.

Vice President/ Practice Leader – Governmental Services: Timothy J. Hartnett

Printed/ Typed Name: Timothy J. Hartnett

Date: 09/07/2018

HRGreen

HR GREEN, INC.

Billing Rate Schedule
Effective January 1, 2018

Professional Services	**Billing Rate Range**
Principal	$195 - $280
Senior Professional	$170 - $250
Professional	$110 - $195
Junior Professional	$85 - $140
Senior Technician	$115 - $140
Technician	$80 - $125
Senior Field Personnel	$100 - $170
Field Personnel	$90 - $165
Junior Field Personnel	$50 - $95
Administrative Coordinator	$65 -$105
Administrative	$60 - $110
Corporate Admin	$80 - $140
Operators/Interns	$50 - $100

Reimbursable Expenses

1. All materials and supplies used in the performance of work on this project will be billed at cost plus 10%.

2. Auto mileage will be reimbursed per the standard mileage reimbursement rate established by the Internal Revenue Service. Survey vehicle mileage will be reimbursed on the basis of $0.85 per mile or $45.00 per day.

3. All other direct expenses will be invoiced at cost plus 10%.

SCHEDULE A

HR Green, Inc. - EOWA Project WORK PERIOD: November 1, 2018 through December 31, 2019			HRG Staff Members	Estimated Hours Per Task / Meeting	Estimated Meetings / Occurrences Per Month	Number of Months / Occurrences in Contract Period	Estimated Hours	Staff Member Bill Rate	Estimated Work Task Contract Amount
A.	**Village Internal Meetings**								
	1	Staff Meeting	Scott Marquardt	0	0	14	0	$178	$0.00
			Sean Murphy	0	0	14	0	$143	$0.00
	2	Board Meetings	By Village Staff				0		$0.00
							0		$0.00
	3	COW Meetings, and Meeting Prep	Scott Marquardt	4	1/4	14	14	$178	$2,492.00
			Ron Krall	1	1/4	14	3.5	$200	$700.00
			Sean Murphy and Admin	8	1/4	14	28	$143	$4,004.00
	4	PW/Utility Coordination	Scott Marquardt	1	2	14	28	$178	$4,984.00
			Sean Murphy	1	1	14	14	$143	$2,002.00
	5	Police/Fire/Emergency Maintenance	By Village Staff				0		$0.00
	6	Community Development and Village Engineer Coordination	By Village Staff				0		$0.00
	7	HR Green Team - Project Management and Coordination	Scott Marquardt	1	2	14	28	$178	$4,984.00
			Sean Murphy	1	1	14	14	$143	$2,002.00
		Task A Subtotals:					**129.5**		**$21,168.00**
B.	**External - Governmental/Regulatory Agency Meetings**								
	1	Local Advisory Committee (2nd Monday)	By Village Staff				0		$0.00
							0		$0.00
	2	Tollway with CH2MHill - Monthly Design Coordination Meeting	Scott Marquardt	1 1/2	1	14	21	$178	$3,738.00
			Steve Bicking / Phil Stuepfert	2	1/2	14	14	$200	$2,800.00
	3	Adjacent Communities / Agencies Coordination Meeting					0		$0.00
		Wood Dale, Elk Grove Village, Franklin Park	By Village Staff				0		$0.00
							0		$0.00
		DuPage County	By Village Staff				0		$0.00
							0		$0.00
		Task B Subtotals:					**35**		**$6,538.00**
C.	**External - Residential/Business/Stakeholders**								
	1	Business Stakeholders	By Village Staff				0		$0.00
							0		$0.00
	2	HOA, Chamber of Commerce, Schools, Public Open Houses, Citizen							$0.00
		Subdivision Stakeholders	By Village Staff				0		$0.00
							0		$0.00
		Public Open House	By Village Staff				0		$0.00
							0		$0.00
	3	Citizen Request / Comment Responses	By Village Staff				0		$0.00
		Other Public Outreach TBD					0		$0.00
		Task C Subtotals:					**0**		**$0.00**

D.	Plan Reviews									
		Contract Name	Projected Submittal Date							
	1	Intergovernmental Agreement (For Contract E03 (4683))	2018 4th quarter	Various	12			12	$178	$2,136.00
	2	Intergovernmental Agreement (Various land transfers))	2019 1st quarter	Various	24			24	$178	$4,272.00
	3	Intergovernmental Agreement (For Contract S03 (XXXX))	2019 1st quarter	Various	20			20	$178	$3,560.00
	4	Intergovernmental Agreement (For Contract E04 (4669))	2019 2nd quarter	Various	20			20	$178	$3,560.00
	5	Intergovernmental Agreement (For Contract E05 (4673))	2019 2nd quarter	Various	16			16	$178	$2,848.00
	6	Intergovernmental Agreement (For Contract N04 (####))	2019 3rd quarter	Various	24			24	$178	$4,272.00
	7	EOWA: IL 83 to York Road (E03) - post 100% / bid set design plans	2018 4th quarter	Various	30			30	$161	$4,830.00
	8	Franklin Avenue / Green Street / County Line Road (S03) - 100% design plans	2018 4th quarter	Various	40			40	$161	$6,440.00
	9	Franklin Avenue / Green Street / County Line Road (S03) - post 100% / bid set design plans	2019 1st quarter	Various	24			24	$161	$3,864.00
	10	EOWA: West Terminal Interchange (E04) - 100% design plans	2019 1st quarter	Various	24			24	$161	$3,864.00
	11	EOWA: West Terminal Interchange (E04) - post 100% / bid set design plans	2019 2nd quarter	Various	20			20	$161	$3,220.00
	12	EOWA: IL 19 Interchange (E05) - 100% design plans	2019 1st quarter	Various	16			16	$161	$2,576.00

	13	EOWA: IL 19 Interchange (E05) - post 100% / bid set design plans	2019 2nd quarter	Various	10			10	$161	$1,610.00
	14	EOWA: Western Access from York Road (N04) - 60% design plans	2019 1st quarter	Various	16			16	$161	$2,576.00
	15	EOWA: Western Access from York Road (N04) - 95% design plans	2019 2nd quarter	Various	16			16	$161	$2,576.00
	16	EOWA: Western Access from York Road (N04) - 100% design plans	2019 2nd quarter	Various	16			16	$161	$2,576.00
	17	EOWA: Western Access from York Road (N04) - post 100% / bid set design plans	2019 3rd quarter	Various	12			12	$161	$1,932.00
	18	Easement Plat Preparation	Various	Various	36			36	$178	$6,408.00
		Task D Subtotals:						**376**		**$63,120.00**
E	**Project Management and Construction Monitoring**									
		NOTE: This work task will vary considerably during subsequent annual contracts due to variables such as winter shutdowns, scheduling of Village infrastructure construction, and as construction contracts are completed and other contracts are initiated.								
1	**Franklin Avenue - County Line Road (Contract S03, 46XX, $TBD construction cost) Estimated Notice to Proceed June 25, 2019**									
	1	Periodic visits to job site to review progress and observe general conformance with plans of work being performed. Review submittals and shop drawings for Village owned infrastructure. Prepare written updates on construction activities/newsletter for the Village's use in a newsletter and/or website to update the community.		By Village Staff	0			0		$0.00
	2	Represent Village during construction phase at applicable meetings as needed.		By Village Staff	0			0		$0.00
	3	Provide oversight, monitoring, administration, and other service assistance as required for project completion (if authorized by Village).		Sean Murphy/others	4	4	4	64	$143	$9,152.00
	4	Maintain Village's interest throughout the project being mindful of opportunities to meet the intent of the strategic plan and address unforeseen conditions.		By Village Staff	0			0		$0.00
		Task E Subtotals:						**64**		**$9,152.00**
		Twelve (12) Month Totals						**605**		**$99,978.00**

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Resolution	Joe Caracci	Public Works	September 18, 2018

DESCRIPTION:

Consideration of a Resolution Authorizing the Applications to Seek a Community Development Block Grant (CDBG) Assistance for the 2019 Annual Residential Streetlight Project and 2019 Village Street Improvements Project

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

X	*Financially Sound Village*	X	*Enrich the lives of Residents*
X	*Quality Customer Oriented Services*		*Major Business/Corporate Center*
X	*Safe and Beautiful Village*		*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
COW	September 18, 2018

BACKGROUND:

The Community Development Block Grant (CDBG) Program is a flexible program that provides communities with resources to address a wide range of unique community development needs. The CDBG entitlement program allocates annual grants to larger cities and urban counties to develop viable communities by providing decent housing, a suitable living environment, and opportunities to expand economic opportunities, principally for low-and-moderate income persons.

The Village has applied for and been awarded similar grants in the past.

KEY ISSUES:

In response to the 2011 Citizen survey which identified streetlights as a desire of the community, the Village of Bensenville has successfully completed an annual residential streetlights project in the year 2015 and 2016. In year 2017, the Village of Bensenville sought and was awarded CDBG funds in the amount of $199,135 to supplement its ongoing annual residential streetlight project. In 2018, the Village sought and was awarded $200,000 for the annual residential streetlight project.

The Village is again seeking to apply for the CDBG funds to supplement the 2019 Annual Residential Streetlight Project. This 2019 Residential Streetlight Project area is bounded by York Rd, Jefferson St, Marion St and Washington St. The Village is seeking $200,000 in the CDBG funds to supplement its own $200,000 project, for a total project cost of $400,000. If awarded, the staff anticipates to install approximately 40 streetlights as part of this project.

.

The Village is also seeking CDBG funds to supplement the 2019 Village Street Improvements Project. This project includes Eastview Ave and Franzen Street between IL-19 and Hillside Dr. Based on the pavement evaluation study, the PCI scores for Eastview Ave is twenty-nine (29) and for Franzen St is thirty-seven (37). The scope of improvements will pavement removal and replacement, spot C&G improvements, spot sidewalk repairs including ADA ramps, storm sewer repairs as well as replacement of existing watermain and services on Eastview Ave. It should be noted the storm sewer master plan study also identifies a 36-inch storm sewer along portions of Eastview Ave while a 48-inch storm sewer along portion of Franzen St which are excluded from the scope of work at this time due to budgetary reasons. Based on the aforementioned scope, the project construction cost is approximately $1,000,000 and the Village is seeking the maximum allowable of $400,000 CDBG assistance for this project.

The 2019 Village Street Improvement Project will be priority #1 while the 2019 Residential Streetlight will be priority #2.

ALTERNATIVES:

Discretion of the Committee of the Whole.

RECOMMENDATION:

Staff recommends approval of the Resolution authorizing the application to seek a CDBG Block Grant.

BUDGET IMPACT:

If the grant is awarded, the Village will received additional $200,000 in funds to supplement its $200,000 project for the 2019 Annual Residential Streetlights Project. For the 2019 Village Street Improvements Project, if the grant is awarded in full amount, the Village's burden will be reduced by $400,000.

ACTION REQUIRED:

Resolution Authorizing the Applications to Seek a Community Development Block Grant (CDBG) assistance for the 2019 Annual Residential Streetlight Project and 2019 Village Street Improvements Project.

ATTACHMENTS:

Description	Upload Date	Type
Resolution	9/10/2018	Resolution Letter
Location Map	9/10/2018	Backup Material

RESOLUTION NO._____

A RESOLUTION APPROVING APPLICATIONS TO SEEK COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) ASSISTANCE FOR THE 2019 ANNUAL RESIDENTIAL STREET LIGHT PROJECT AND 2019 VILLAGE STREET IMPROVEMENTS PROJECT

WHEREAS the Village of Bensenville performed a Residential Community Survey in 2011, and

WHEREAS the Survey indicated an overwhelming desire for Residential Street Lighting, and

WHEREAS the Village has included an annual Residential Street Light Program in our Strategic Plan; and

WHEREAS the Village completed a Residential Street Light Program in 2015, 2016 and 2017; and

WHEREAS in an effort to increase the number of lights being installed under the 2019 Residential Streetlight Project the Village is seeking authorization to submit an application for Community Development Block Grant (CDBG); and

WHEREAS the Village is responsible to perform public infrastructure improvements on its roadways; and

WHEREAS the staff has identified the 2019 Village Street Improvement Project based on the ratings provided in the Pavement Condition Index (PCI) scores in the Pavement Evaluation Study; and

WHEREAS the Village is seeking authorization to submit an application for Community Development Block Grant (CDBG) for the 2019 Village Street Improvements Project in an effort to seek alternative funding source to accompany the Village's capital budget; and

WHEREAS DuPage County is responsible party to review the grant applications as well as administer the grant funds; and

WHEREAS if the funds are awarded the Village will be required to enter into an agreement with DuPage County.

NOW THEREFORE BE IT RESOLVED by the Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois as follows:

SECTION ONE: The recitals set forth above are incorporated herein and made a part

hereof.

SECTION TWO: The Village Board authorizes and approves the attached Resolution authorizing submittal of a CDBG grant applications for 2019 Annual Residential Streetlight Project as well as 2019 Village Street Improvements Project and to take further actions as may be necessary, including but not limited to execution of the agreement if funding is granted.

SECTION THREE: The Village President or his/her designee is hereby authorized and directed to execute on behalf of the Village of Bensenville, and the Deputy Clerk is hereby authorized to attest thereto, the necessary paperwork.

SECTION FOUR: This Resolution shall take effect immediately upon its passage and approval as provided by law.

SECTION FIVE: This Resolution is passed and approved by the President and Board of Trustees of the Village of Bensenville, Illinois, this 25th day of September, 2018.

APPROVED:

_____
Frank DeSimone, Village President

ATTEST:

_____
Nancy Quinn, Village Clerk

AYES: _____

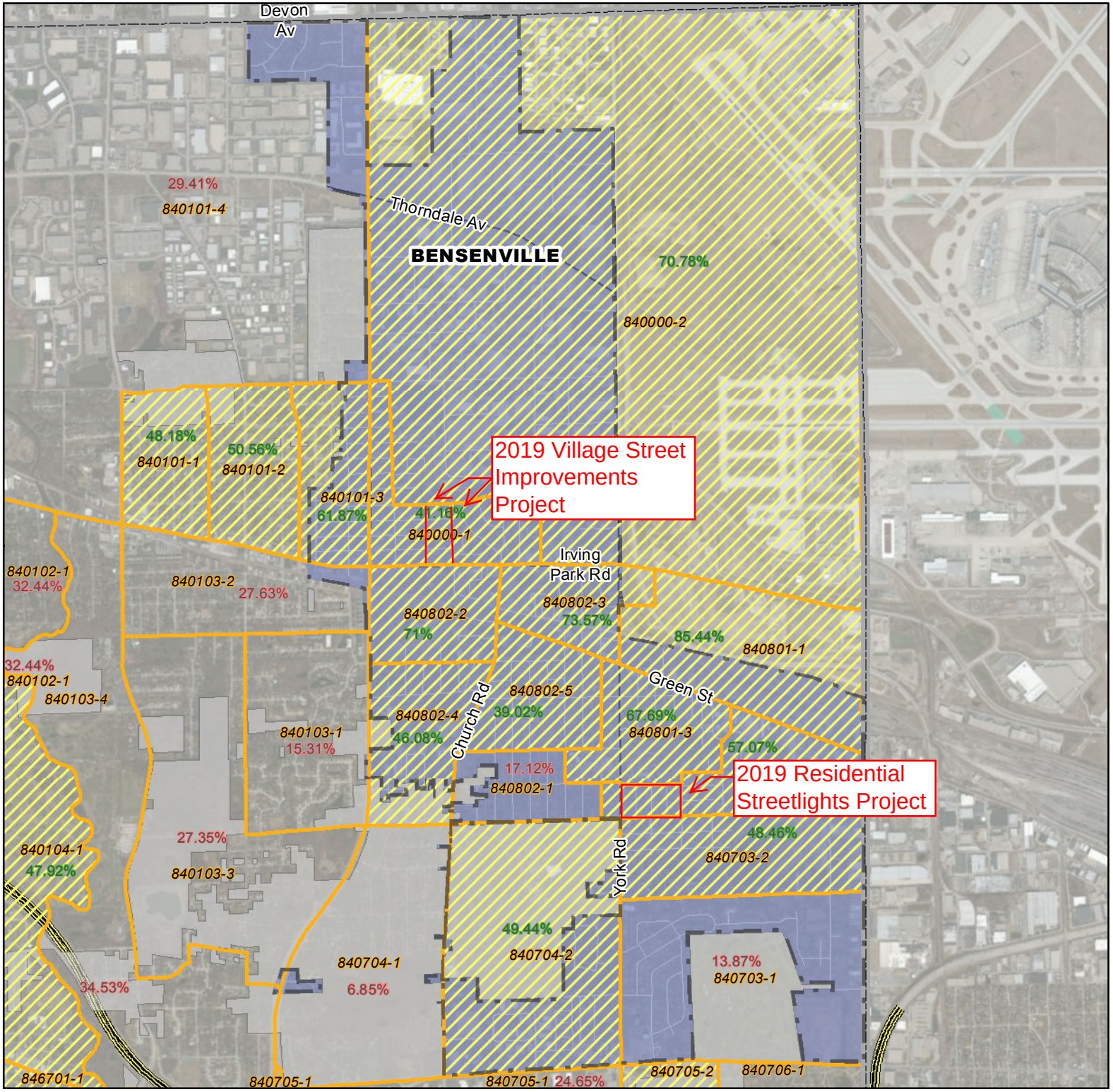
NAYS: _____

ABSENT: _____

DuPage County

BENSENVILLE

2010 US Census Block Groups at or above 35.85% Low-Moderate Income (LMI) Concentration



Municipality Boundary
Unincorporated
Block Groups
2014 LMI Block Groups

Green % LMI of Eligible Block Group
Red % LMI of Ineligible Block Group

DISCLAIMER: The accuracy of this map is limited to quality of data contained in other public records. This in not a substitute for an actual field survey or field investigation.

SOURCE: US Dept of Housing Urban Development (HUD) / 2006-2010 American Community Survey (ACS)

Created by DuPage CDC - Rev. June 2018

0 0.175 0.35 0.7 Miles

N

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Resolution	Joe Caracci	Public Works	September 18, 2018

DESCRIPTION:

Consideration of a Resolution Authorizing the Execution of Change Order #1 (Final) with Hoerr Construction, Inc for the 2018 Sanitary Sewer Lining Program for a Credit of $39,750.37 for a Revised Contract Cost of $159,495.07

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

X	*Financially Sound Village*	X	*Enrich the lives of Residents*
X	*Quality Customer Oriented Services*		*Major Business/Corporate Center*
X	*Safe and Beautiful Village*		*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
COW	September 18, 2018

BACKGROUND:

The 2018 Sanitary Sewer Lining Project was completed on July 5, 2018.
The original contract with Hoerr Construction, Inc in the not-to-exceed amount of $199,245.44 was approved on April 24, 2018. The project consisted of installing a liner inside the ageing sanitary sewer pipes within various areas of the Village.

KEY ISSUES:

During construction, some of the pipe was determined to be PVC and did not require sewer lining.
The project is now complete and the final contract value is $159,495.07, which is $39,750.37 below the original approved contract value.

ALTERNATIVES:

Discretion of the Committee of the Whole.

RECOMMENDATION:

Staff recommends approval of the Resolution of the Final Balancing Change Order.

BUDGET IMPACT:

The final construction cost of the project is $159,495.07 which is $39,750.37 under the total awarded amount for this project.

ACTION REQUIRED:

Resolution Authorizing the Execution of Change Order #1 (Final) with Hoerr Construction, Inc for the 2018 Sanitary Sewer Lining Program for a credit of $39,750.37 for a revised contract cost of $159,495.07.

ATTACHMENTS:

Description	Upload Date	Type
Resolution	9/10/2018	Resolution Letter
Location Map	9/10/2018	Backup Material
Final Change Order	9/10/2018	Backup Material

RESOLUTION NO. _____

AUTHORIZING THE EXECUTION OF CHANGE ORDER NO. 1 (FINAL) WITH HOERR CONSTRUCTION, INC. FOR THE 2018 SANITARY SEWER LINING PROGRAM FOR A CREDIT OF $39,750.37 FOR A REVISED CONTRACT COST OF $159,495.07

WHEREAS, the construction improvements have been completed on 2018 Sanitary Sewer Lining Program; and

WHEREAS, it has been determined that it would be beneficial to the Village to revise original contract quantities to match actual as-constructed amounts, to compensate the contractor for additional work performed as directed and approved by the project engineer and Village staff, and to receive credit for the items that weren't used on the project; and

WHEREAS, the nature of Change Order Number one and the amount of change is as follows – some of the pipes were already PVC which didn't require to be lined.

WHEREAS, the original contract amount was not-to-exceed $199,245.44; and,

WHEREAS, the final cost of improvements is $159,495.07, which is $39,750.37 under the original contract amount; and

NOW THEREFORE BE IT RESOLVED by the Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois as follows:

SECTION ONE: The recitals set forth above are incorporated herein and made a part hereof.

SECTION TWO: The Village President and Board of Trustees authorizes and approves the attached Resolution authorizing the execution of Change Order No. 1 with Hoerr Construction, Inc for the 2018 Sanitary Sewer Lining Program in a credit of $39,750.37 for a revised contract cost of $159,495.07.

SECTION THREE: The Village Manger is hereby authorized and directed to execute on behalf of the Village of Bensenville, and the Deputy Clerk is hereby authorized to attest thereto, the necessary paperwork.

SECTION FOUR: This Resolution shall take effect immediately upon its passage and approval as provided by law.

SECTION FIVE: This Resolution is passed and approved by the President and Board of Trustees of the Village of Bensenville, Illinois, this 25th day of September, 2018.

APPROVED:

_____
Frank DeSimone

ATTEST:

_____
Nancy Quinn, Village Clerk

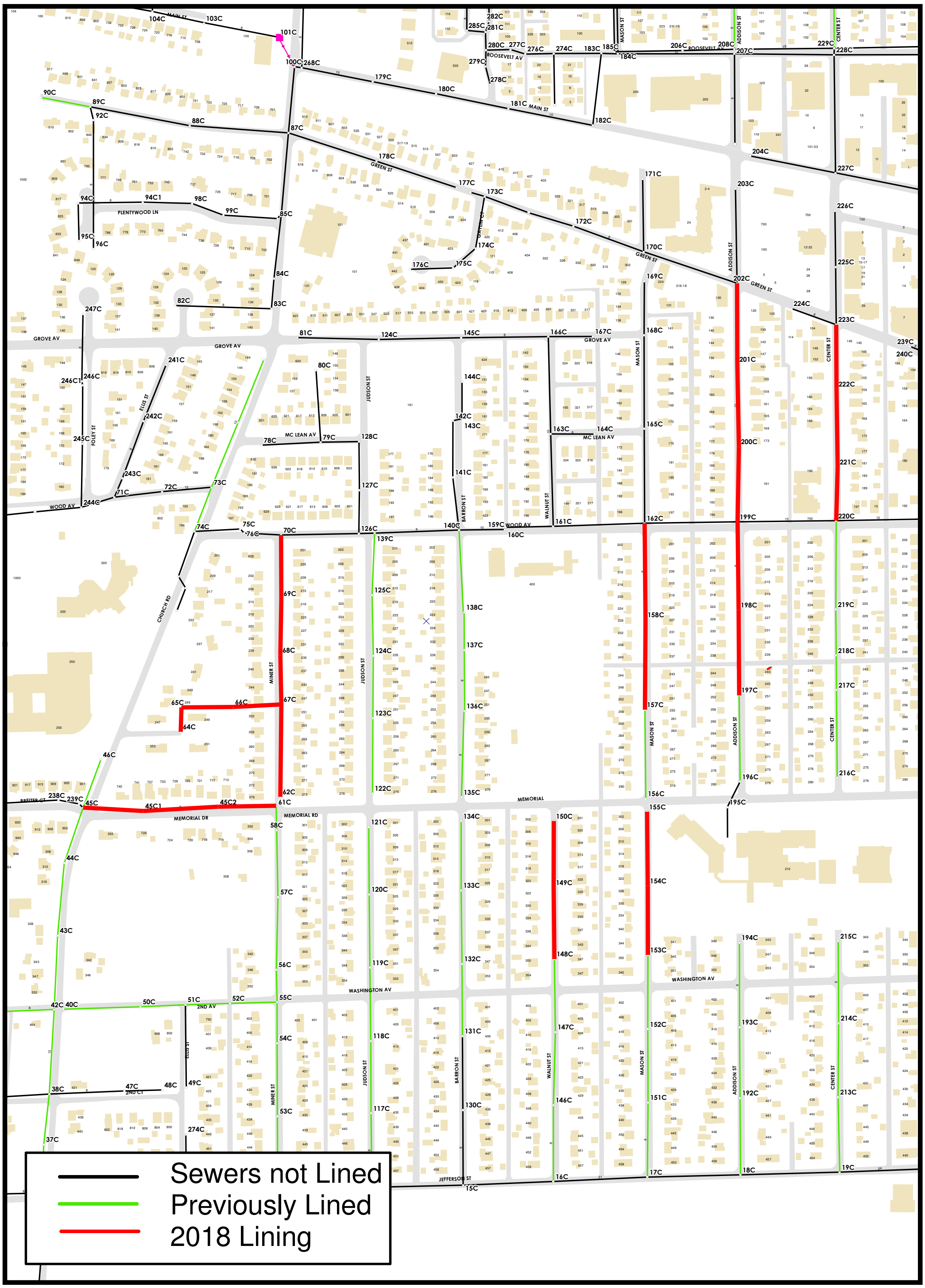
AYES: _____

NAYS: _____

ABSENT: _____

Village of Bensenville

2018 Sanitary Sewer CIPP revised



Date: 6/14/2018

REQUEST FOR AUTHORIZATION OF CHANGES
CHANGE ORDER NO. 1 (FINAL)

Project Name: 2018 Annual MPI Sanitary Sewer CIPP Program

To: Village of Bensenville
717 E. Jefferson Street
Bensenville, IL 60106

Contractor: Hoerr Construction, Inc
PO Box 65
Goodfield, IL 61742

Date: 9/5/2018

The following change from the Plans in the construction of the above designated project is recommended:

ITEM	DESCRIPTION	ADDITIONS	DEDUCTIONS
1	Final Balancing		$39,750.37

Amount of this Order:	-$39,750.37
Amount of Previous Orders:	$0.00
Original Contract Amount:	$199,245.44
Original Contract Amount and Orders:	$159,495.07

The work covered by this Order shall be performed under the same terms and conditions as that included in the Original Contract.

Requested by:	Mehul Patel,P.E., Assistant Director of Public Works, VOB		9/5/2018
Reviewed by:	Mehul Patel,P.E., Assistant Director of Public Works, VOB		9/5/2018
Recommended by:	Joe Caracci, Director of Public Works, VOB	J Caracci	9/10/18
Approved by:	Evan Summers, Village Manager, VOB		
Accepted by:	Max Hoerr, Hoerr Construction		9/5/18

Village Copy Contractor Copy Engineeer Copy File Copy

G:\Public Works\Engineering\Capital Projects\2018\18.8.03 - 2018 Sanitary CIPP MPI\Payments\Request Form - Change Order (2018 MPI CIPP)

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Resolution	Joe Caracci	Public Works	June 26, 2018

DESCRIPTION:

Consideration of a Resolution Approving Revised Change Order Number Two and Final with R.W. Dunteman Company for a Decrease of $43,335.88 for the Downtown Streetscape Project – North Half for a Revised Contract Cost of $2,079,530.12

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

X	*Financially Sound Village*	X	*Enrich the lives of Residents*
X	*Quality Customer Oriented Services*		*Major Business/Corporate Center*
X	*Safe and Beautiful Village*	X	*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
COW	September 18, 2018

BACKGROUND:

The Downtown Streetscape Project – North Half was substantially completed on December 5, 2017. The final completion occurred on May 2, 2018. The scope of original contract work included in Phase I consisted of improvements north of the railroad tracks (Addison and Center St from Main to Roosevelt; Main St from York to west of Addison St and minor aesthetic improvements along York Rd from Roosevelt to Main). Addison St/Center St from Main St to Roosevelt Rd were reconstructed with a new Hot-Mix Asphalt pavement, stamped sidewalk, C&G, driveway aprons, watermain replacement on Addison St along with new services, 30-inch storm sewer as identified in the master plan along Center St, striping and landscape restoration. Main St and York Rd received aesthetic upgrades such as stamped sidewalk, benches, planter boxes, stamped cross walks, trash receptacles, bike racks, etc.

The Village Board authorized a construction contract award with R.W. Dunteman Company for Downtown Streetscape Project – North Half on May 24, 2017 in the amount of $2,093,866. Change Order No. 1 in the additional amount of $29,000 was approved on December 12, 2017. The total contract amount with change order No. 1 was $2,122,866.

The Village Board approved a R-82-2018 on June 26, 2018 for a final contract value of $2,119,295.49 for this project.

KEY ISSUES:

The Village recently caught an error in final quantity of stamped concrete which led to a further reduction in cost of $43,335.88. Incorporating this change into the contract yields a final contract total of $2,079,530.12.

Overall, the project came in $14,335.88 below the awarded contract amount.

ALTERNATIVES:

Discretion of the Committee of the Whole.

RECOMMENDATION:

Staff recommends approval of the Resolution approving the revised Change Order No 2 and Final with R.W. Dunteman Company.

BUDGET IMPACT:

Original contract award of $2,093,866 was to be paid for by $1,794,498.00 of CIP funds and $299,368 of Utility funds. Based on work completed to date the total final value of the contract is at $2,079,530.12 of which $1,742,835.18 is CIP related and remainder of $326,694.94 is utility related.

ACTION REQUIRED:

Approval of the Resolution approving change order Number two and final with R.W Dunteman Company for a decrease of $43,335.88 for the Downtown Streetscape Project – North Half for a revised contract cost of $2,079,530.12.

ATTACHMENTS:

Description	Upload Date	Type
Resolution	9/11/2018	Resolution Letter
Location Map	6/6/2018	Backup Material
Final Change Order Revised	9/11/2018	Backup Material

RESOLUTION NO. _____

AUTHORIZING THE EXECUTION OF REVISED CHANGE ORDER NO. 2 (FINAL) WITH R.W.DUNTEMAN COMPANY FOR A DECREASE OF $43,335.88 FOR THE DOWNTOWN STREETSCAPE PROJECT – NORTH HALF FOR A REVISED CONTRACT COST OF $2,079,530.12

WHEREAS, the construction improvements have been completed on the Downtown Streetscape Project – North Half; and

WHEREAS, it has been determined that it would be beneficial to the Village to revise original contract quantities to match actual as-constructed amounts, to compensate the contractor for additional work performed as directed and approved by the project engineer and Village staff, and to receive credit for the items that weren't used on the project; and

WHEREAS, the original awarded contract amount was $2,093,866.00 approved on May 24, 2017; and,

WHEREAS, Change Order No.1 in the increased amount of $29,000.00 was approved on December 12, 2017; and

WHEREAS the revised total awarded contract value including Change Order No.1 was $2,122,866.00; and

WHEREAS the final balancing Change Order in the amount of $2,119,295.49 was approved on June 26, 2018; and

WHEREAS, the final revised cost of improvements is $2,079,530.12, which is $43,335.88 under the revised contract amount of $2,122,866.00; and

NOW THEREFORE BE IT RESOLVED by the Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois as follows:

SECTION ONE: The recitals set forth above are incorporated herein and made a part hereof.

SECTION TWO: The Village President and Board of Trustees authorizes and approves the attached Resolution authorizing a revised change order number two and final in the decrease amount of $43,335.88 with R.W. Dunteman for the Downtown Streetscape Project – North Half for a revised contract amount of $2,079,530.12.

SECTION THREE: The Village Manger is hereby authorized and directed to execute on behalf of the Village of Bensenville, and the Deputy Clerk is hereby authorized to attest thereto, the necessary paperwork.

SECTION FOUR: This Resolution shall take effect immediately upon its passage and approval as provided by law.

SECTION FIVE: This Resolution is passed and approved by the President and Board of Trustees of the Village of Bensenville, Illinois, dated September 25, 2018.

APPROVED:

_____
Frank DeSimone
Village President

ATTEST:

_____
Nancy Quinn
Village Clerk

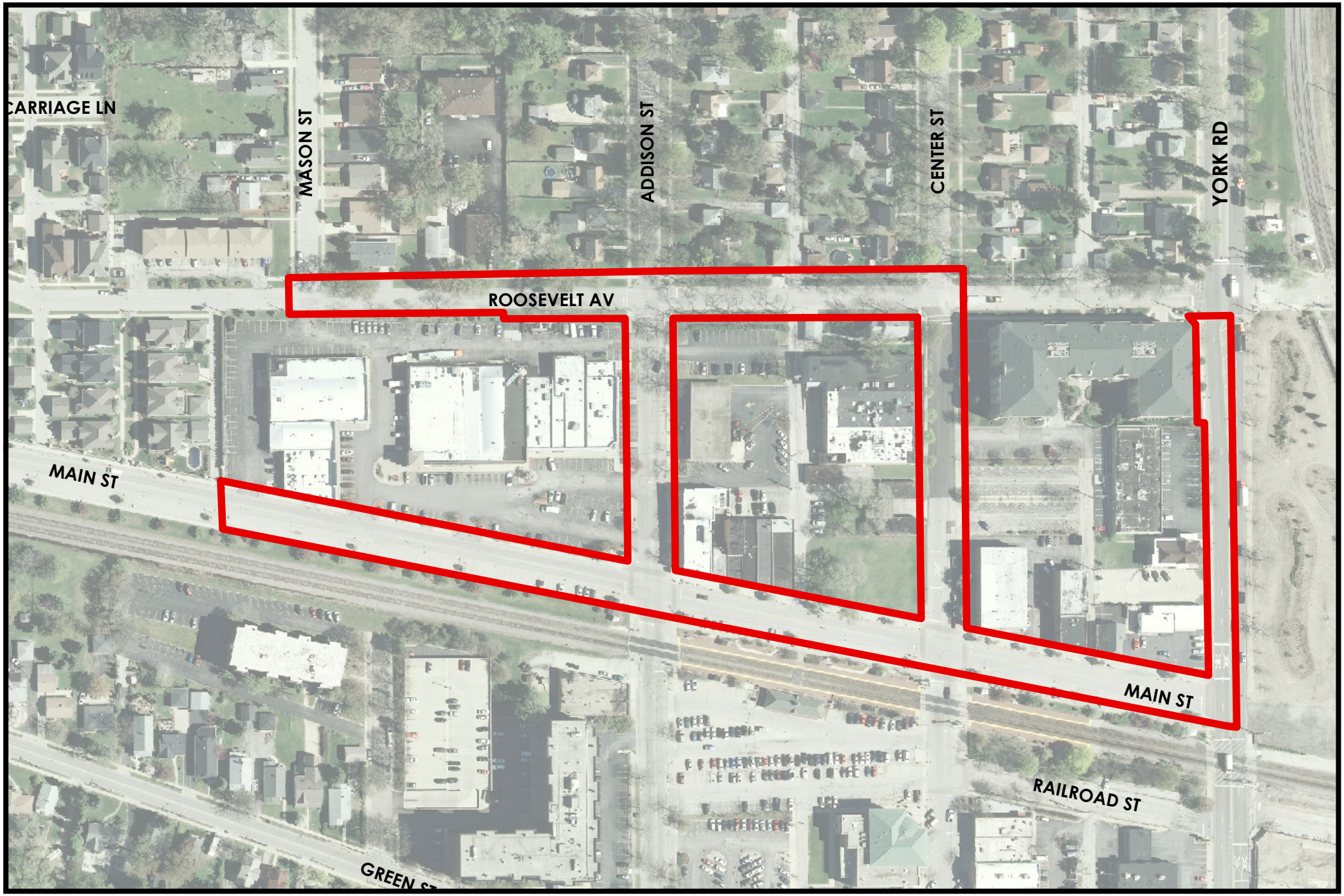
AYES: _____

NAYS: _____

ABSENT: _____

Village of Bensenville

Downtown Streetscape Phase I



Date: 5/5/2017

REQUEST FOR AUTHORIZATION OF CHANGES
FINAL BALANCING CHANGE ORDER

Project Name: Downtown Streetscape Project - North Half

To: Village of Bensenville
717 E. Jefferson Street
Bensenville, IL 60106

Contractor: R.W. Dunteman Company
600 S Lombard Rd
Addison, IL 60101

Date: 9/6/2018

The following change from the Plans in the construction of the above designated project is recommended:

ITEM	DESCRIPTION	ADDITIONS	DEDUCTIONS
1	Contract quantity Adjustments -Railroad Flagger		$1,288.47
2	Contract quantity Adjustments - Stamped Concrete	$138.98	
FRC03	Watermain - Extra Work - Based	$9,741.09	$9,562.97
FRC04	Light Pole Adjustments	$9,787.67	$12,000.00
	Balancing Change Order		$39,765.37

Amount of this Order:	-$42,949.07
Amount of Previous Orders:	$28,613.19
Original Contract Amount:	$2,093,866.00
Final Contract Amount and Orders:	$2,079,530.12

The work covered by this Order shall be performed under the same terms and conditions as that included in the Original Contract.

Requested by:	Mehul Patel,P.E., Assistant Director of Public Works, VOB		9/10/18
Reviewed by:	Mehul Patel,P.E., Assistant Director of Public Works, VOB		9/10/18
Recommended by:	Joe Caracci, Director of Public Works, VOB		
Approved by:	Evan Summers, Village Manager, VOB		
Accepted by:	R.W. Dunteman Company		9/6/18

Village Copy Contractor Copy Engineeer Copy File Copy

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Resolution	Joe Caracci	Public Works	September 18, 2018

DESCRIPTION:

Consideration of a Resolution finalizing the Motor Fuel Tax (MFT) Fund Expenditures for Village's Local match as Well as Phase III (Construction) Engineering for the Foster Avenue LAFO Project in the Amount of $233,127.79

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

X	*Financially Sound Village*	X	*Enrich the lives of Residents*
X	*Quality Customer Oriented Services*	X	*Major Business/Corporate Center*
X	*Safe and Beautiful Village*		*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
COW	September 18, 2018

BACKGROUND:

The Village receives a monthly allotment of the MFT funds from the State of Illinois. The Illinois Department of Transportation (IDOT) is the state agency assigned to oversee the disbursement of the MFT funds by municipalities. MFT funds are only allowed to be spent towards roadway improvements and/or related maintenance.

The Village applied and was awarded Federal Surface Transportation Program (STP) funding for a Local Agency Functional Overlay (LAFO) project in the amount of $393,000 (70% of then estimated $560,000 project) to resurface Foster Ave from IL-83 to York Rd. The construction was completed in 2015 and Village received its final project invoice earlier this year.

KEY ISSUES:

Each municipality must first appropriate the estimated MFT funds to be spent in any given year using IDOT BLR 09111 form. These funds can be spent once authorized by the IDOT. Once the amount is authorized by IDOT, they will reduce the Village's unobligated MFT balance in their books by the approved amount. Any monies spent over the authorized amount will require the municipality to approve a supplemental Resolution while any monies under spent will be automatically credited back to the Village's unobligated balance after the proper close out paperwork is completed.

The Village board had passed a resolution on February 24, 2015 (R-22-2015) to appropriate use of MFT funds in the amount of $250,000 for purposes of Village's local match related to the Foster Ave LAFO Project as well as Phase III engineering for the same project. The total expended amount on this project is $233,127.79, which is $16,872.21 under the obligated $250,000 local match. The amount of MFT funds spent towards local match are $159,289.79 while the Phase III engineering amounted to $73,838.00.

The final project of $530,965.98 received federal funding in the amount of $371,676.19 while the local match is $159,289.79.

ALTERNATIVES:

N/A

RECOMMENDATION:

Staff recommends approval of the Resolution.

BUDGET IMPACT:

The Villages current unobligated MFT fund balance will be credited by $16,872.21 after the next audit cycle.

ACTION REQUIRED:

Approval of the Resolution finalizing MFT fund expenditures for Village's Local match as well as Phase III (construction) engineering for the Foster Ave LAFO Project in the amount of $233,127.79.

ATTACHMENTS:

Description	Upload Date	Type
Resolution	9/11/2018	Resolution Letter
Location Map	9/11/2018	Backup Material
Final Invoice	9/11/2018	Backup Material
BLR 13510-Final Report	9/11/2018	Backup Material

RESOLUTION NO. _____

RESOLUTION FINALIZING THE MOTOR FUEL TAX (MFT) FUND EXPENDITURES FOR VILLAGE'S LOCAL MATCH AS WELL AS PHASE III (CONSTRUCTION) ENGINEERING FOR THE FOSTER AVE LAFO PROJECT IN THE AMOUNT OF $233,127.79

WHEREAS the Village of Bensenville applied and was awarded Federal Surface Transportation Program funding in the amount of $393,000 (70% of the estimated $560,000 project) for the Foster Ave LAFO project; and

WHEREAS the limits of improvements are from IL-83 to York Rd; and

WHEREAS the Village board had passed a resolution on February 24, 2015 (R-22-2015) to appropriate use of MFT funds in the amount of $250,000 for purposes of Village's local match related to the Foster Ave LAFO Project as well as Phase III engineering; and

WHEREAS the construction of the project was completed in 2015; and

WHEREAS the final project invoice from Illinois Department of Transportation was received in July 2018; and

WHEREAS the final project of $530,965.98 received federal funding in the amount of $371,676.19 while the local match is $159,289.79.

WHEREAS the final MFT expenditure consist of $159,289.79 in local match as well as final engineering cost of $73,838.00 for a total of $233,127.79; and

NOW THEREFORE BE IT RESOLVED by the Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois as follows:

SECTION ONE: The recitals set forth above are incorporated herein and made a part hereof.

SECTION TWO: The Village President and Board of Trustees authorizes and approves the attached Resolution finalizing MFT fund expenditures for Village's Local match as well as Phase III (construction) engineering for the Foster Ave LAFO Project in the amount of $233,127.79

SECTION THREE: The Village Manger is hereby authorized and directed to execute on behalf of the Village of Bensenville, and the Deputy Clerk is hereby authorized to attest thereto, any necessary paperwork.

SECTION FOUR: This Resolution shall take effect immediately upon its passage and approval as provided by law.

SECTION FIVE: This Resolution is passed and approved by the President and Board of Trustees of the Village of Bensenville, Illinois, dated September 25, 2018.

APPROVED:

_____
Frank DeSimone

ATTEST:

_____
Nancy Quinn, Village Clerk

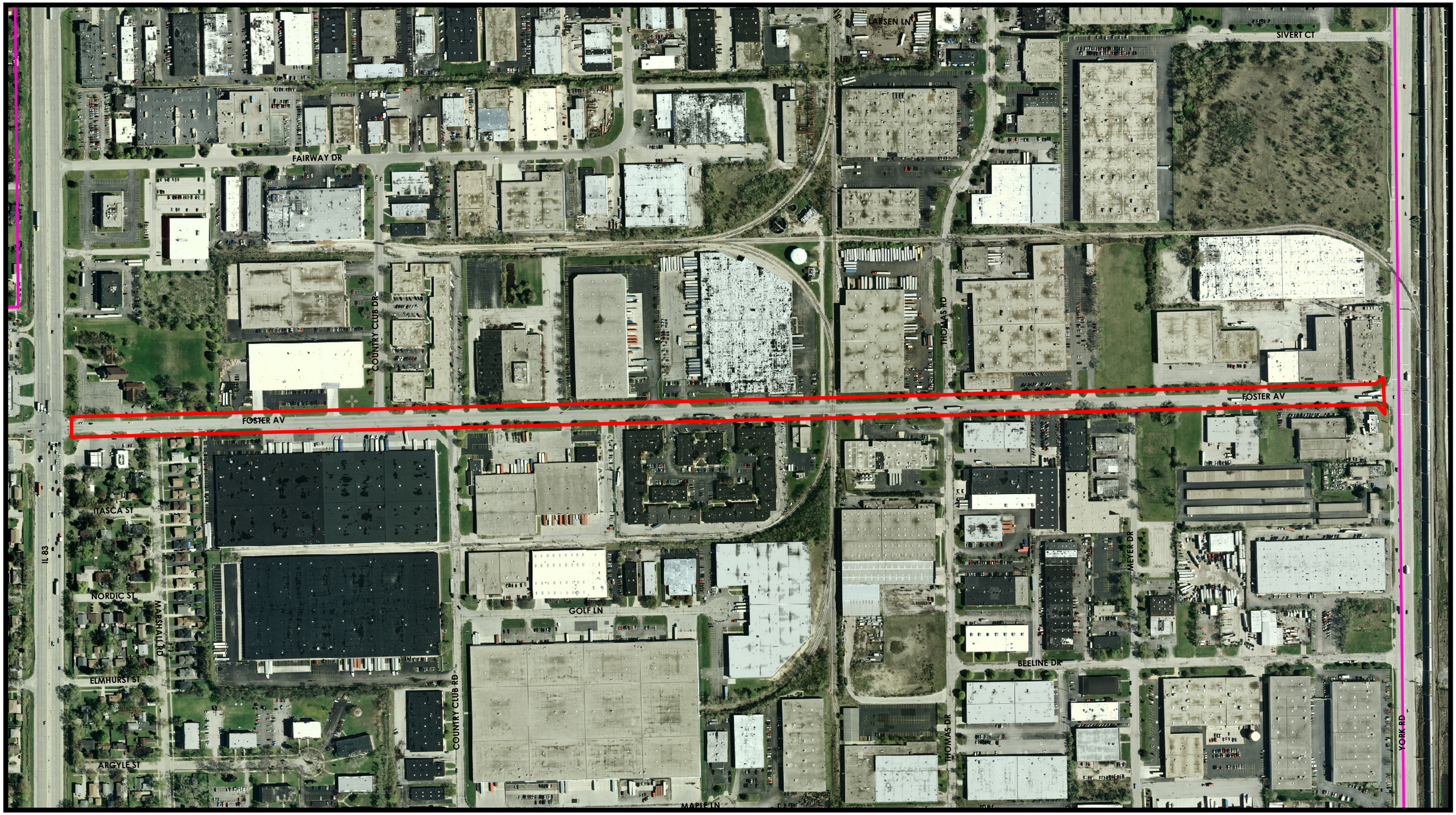
AYES: _____

NAYS: _____

ABSENT: _____

Village of Bensenville

Foster Av. LAFO



Illinois Department of Transportation

Invoice

INVOICE NO.	**121949**
RESP. CODE	9040
INVOICE DATE	07/15/2018
REVENUE CODE	6305
AUDIT NUMBER	
PAYER NUMBER	00035

Village of Bensenville
Village Clerk
12 South Center Street
Bensenville, IL 60106

EXPLANATION OF CHARGES — **PAY FROM THIS INVOICE**

		AMOUNT
LOCATION:	FOSTER AVENUE	
LOCAL SECTION:	14-00090-00-RS	
ROUTE:	FAU 1469	
SECTION:		
COUNTY :	DuPage	
JOB NO. :	C-91-081-15	
PROJECT NO.:	M-4003/407/000	
CONTRACT NO.:	61A91	
DISTRICT:	1	

The Agreement executed 3/10/2015 between Village of Bensenville, and the State of Illinois provides that the village will reimburse the State for part of the construction costs.

FINAL VILLAGE SHARE:

M230U01		$530,965.98
Less Federal Share 2 70% NTE $462,469		($371,676.19)
Final Local Share	$159,289.79	
Less Previous Payments		($143,013.82)
Payment Due Date 07/01/2018	**TOTAL DUE**	$16,275.97

PLEASE MAKE CHECK PAYABLE TO TREASURER, STATE OF ILLINOIS

MAIL TO: Illinois Department of Transportation
Room 322, Harry R. Hanley Building
2300 So. Dirksen Parkway
Springfield, IL 62764

INQUIRIES CONTACT: Local Agency-Agreement Analyst at 217/524-6531.

BCMS2257:BCMR057
04/24/18 13:17:27

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
CONTRACTOR INVOICE

DOC ID: 0000 000000000

DOT VENDOR: C30690

CONTRACT NBR: 61A91
FROM DATE: 05/11/16
TO DATE: 01/09/18
STATE JOB: C-91-081-15
DIST/CNTY: 01 043-DUPAGE

ROUTE: FAU 1469
SECTION: 14-00090-00-RS
PROJECT: M-4003/407/000

PAYEE:
K-FIVE CONSTRUCTION CORP
999 OAKMONT PLAZA DR STE 200
WESTMONT IL 60559

CONTR:
K-FIVE CONSTRUCTION CORP
999 OAKMONT PLAZA DR STE 200
WESTMONT IL 60559

PERCENT COMPLETED 100.00 % NET CHANGE TO DATE -2.56 % LOCAL AGENCY PART

FAS-ID	CONTRACT AWARDED AMT	ADDITIONS	DEDUCTIONS	TOTAL ADJUSTED CONTRACT VALUE	TOTAL AMOUNT DUE TO DATE
M230U01	544,907.94	47,333.90	61,275.86	530,965.98	530,965.98
TOTAL	544,907.94	47,333.90	61,275.86	530,965.98	530,965.98

TOTAL RETAINAGE INCLD THIS EST	0.00
TOTAL DUE AFTER RETAINAGE	530,965.98
TOTAL PAID INCLD THIS ESTIMATE	530,965.98
PREVIOUS PAYMENTS TO CONTRACTOR	-530,965.98
PAYMENT TO CONTRACTOR THIS ESTIMATE ========>	0.00

ZERO PAYMENT

APPROPRIATION: 011-49442-7900-1015 7721 ZERO PAYMT 1 OF 1 $ 0.00<==
SCHEDULE:

FINAL ESTIMATE 3 TOTAL $ 0.00

****
* FILE COPY *
****

Account #

PO: 20181265

Signature Date

Directors Signature Date

ILLINOIS DEPARTMENT OF TRANSPORTATION
BUREAU OF CONSTRUCTION - DIVISION OF HIGHWAYS
FINAL PAY TIMATE REPORT
BY COUNTY, CONSTRUCTION/SAFETY CODES
ESTIMATE NUMBER 03

PROJECT: M-4003/407/000
ROUTE: FAU 1469
SECTION: 14-00090-00-RS
COUNTY: DUPAGE 01 043
CONTR: C30690

CONTRACT: 61A91
REVIEW DATE: 12/01/2017
STATE JOB: C-91-081-15

SUBJOB: FAS-ID: M230U01 COUNTY: 043 CONST/SFTY: 0005

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	AWARDED QUANTITY	ADDED QUANTITY	DEDUCTED QUANTITY	ADJUSTED QUANTITY	UNIT PRICE	ADJUSTED TOTAL PRICE
X6040205	FRAMES & LIDS SPECIAL	EACH	5.000		3.000	2.000	800.0000	1,600.00
Z0030850	TEMP INFO SIGNING	SQ FT	51.400	.840		52.240	20.0000	1,044.80
20200100	EARTH EXCAVATION	CU YD	5.000		5.000		120.0000	
28000510	INLET FILTERS	EACH	27.000		1.000	26.000	100.0000	2,600.00
35501316	HMA BASE CSE 8	SQ YD	16.000	10.560		26.560	100.0000	2,656.00
40600275	BIT MATLS PR CT	POUND	16,681.000		10,517.920	6,163.080	.0100	61.63
40600400	MIX CR JTS FLANGEWYS	TON	12.000		12.000		100.0000	
40600827	P LB MM IL-4.75 N50	TON	865.000	35.440		900.440	103.0000	92,745.32
40600982	HMA SURF REM BUTT JT	SQ YD	105.000	34.410		139.410	24.0000	3,345.84
40603335	HMA SC "D" N50	TON	2.000	1.060		3.060	260.0000	795.60
40603595	P HMA SC "F" N90	TON	2,267.000	298.910		2,565.910	95.0000	243,761.45
42300400	PCC DRIVEWAY PAVT 8	SQ YD	333.000		196.950	136.050	54.0000	7,346.70
42400200	PC CONC SIDEWALK 5	SQ FT	182.600		30.740	151.860	6.0000	911.16
42400800	DETECTABLE WARNINGS	SQ FT	20.000		.400	19.600	30.0000	588.00
44000160	HMA SURF REM 2 3/4	SQ YD	20,241.000	588.080		20,829.080	3.0000	62,487.24
44000200	DRIVE PAVEMENT REM	SQ YD	343.000		158.590	184.410	22.0000	4,057.02
44000500	COMB CURB GUTTER REM	FOOT	569.000	337.250		906.250	7.0000	6,343.75
44201725	CL D PATCH T1 7	SQ YD	164.000		164.000		30.0000	
44201729	CL D PATCH T2 7	SQ YD	311.000		300.080	10.920	26.0000	283.92
44201733	CL D PATCH T3 7	SQ YD	405.000		405.000		23.0000	

ILLINOIS DEPARTMENT OF TRANSPORTATION
BUREAU OF CONSTRUCTION - DIVISION OF HIGHWAYS
FINAL PAY TIMATE REPORT
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SUBJOB: FAS-ID: M230U01 COUNTY: 043 CONST/SFTY: 0005

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	AWARDED QUANTITY	ADDED QUANTITY	DEDUCTED QUANTITY	ADJUSTED QUANTITY	UNIT PRICE	ADJUSTED TOTAL PRICE
44201735	CL D PATCH T4 7	SQ YD	478.000		386.040	91.960	20.0000	1,839.20
60251500	CB ADJ NEW T11F&G	EACH	27.000		2.000	25.000	650.0000	16,250.00
60255800	MAN ADJ NEW T1F CL	EACH	5.000		3.000	2.000	700.0000	1,400.00
60300305	FR & LIDS ADJUST	EACH	1.000			1.000	350.0000	350.00
60406510	FR & LIDS (SALVAGED)	EACH	27.000			27.000	100.0000	2,700.00
60603800	COMB CC&G TB6.12	FOOT	569.000	337.250		906.250	25.0000	22,656.25
67100100	MOBILIZATION	L SUM	1.000			1.000	32,000.0000	32,000.00
70102620	TR CONT & PROT 701501	L SUM	1.000			1.000	15,000.0000	15,000.00
70102635	TR CONT & PROT 701701	L SUM	1.000			1.000	100.0000	100.00
70102640	TR CONT & PROT 701801	L SUM	1.000			1.000	100.0000	100.00
70106800	CHANGEABLE MESSAGE SN	CAL MO	6.000		6.000		1,200.0000	
70300210	TEMP PVT MK LTR & SYM	SQ FT	387.000		387.000		.0100	
70300220	TEMP PVT MK LINE 4	FOOT	3,355.000		3,355.000		.0100	
70300280	TEMP PVT MK LINE 24	FOOT	144.000		144.000		.0100	
70301000	WORK ZONE PAVT MK REM	SQ FT	1,711.700		1,711.700		.0100	
78000100	THPL PVT MK LTR & SYM	SQ FT	387.000		155.700	231.300	4.0000	925.20
78000200	THPL PVT MK LINE 4	FOOT	2,515.000	345.000		2,860.000	.6500	1,859.00
78000400	THPL PVT MK LINE 6	FOOT	636.000	235.000		871.000	.8000	696.80
78000650	THPL PVT MK LINE 24	FOOT	144.000	36.100		180.100	4.0000	720.40
88600100	DET LOOP T1	FOOT	284.000		81.800	202.200	18.5000	3,740.70
	COUNTY/CONST/SAFETY TOTALS		544,907.94	47,333.90	61,275.86		530,965.98	530,965.98

ILLINOIS DEPARTMENT OF TRANSPORTATION
BUREAU OF CONSTRUCTION - DIVISION OF HIGHWAYS
FINAL PAY TIMATE REPORT
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SUBJOB: FAS-ID: M230U01 COUNTY: 043 CONST/SFTY: 0005

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	AWARDED QUANTITY	ADDED QUANTITY	DEDUCTED QUANTITY	ADJUSTED QUANTITY	UNIT PRICE	ADJUSTED TOTAL PRICE
	FAS ID TOTALS		544,907.94	47,333.90	61,275.86		530,965.98	530,965.98
	PROJECT TOTALS		544,907.94	47,333.90	61,275.86		530,965.98	530,965.98

Illinois Department of Transportation

Final Report of Improvement Constructed Under the Illinois Highway Code

Local Public Agency: Village of Bensenville
County: Cook and DuPage
Section: 14-00090-00-RS
Contractor: K-Five Construction

Financial Statement

Total Funds Received		Expenditures				Surplus/Deficit
Source	Amount	Construction	Engineering	Right of Way		
Local - MFT	$ 250,000.00	$ 159,289.79	$ 73,838.00			$ 16,872.21
STU	$ 462,469.00	$ 371,676.19				$ 90,792.81
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
Total Funds Received	$ 712,469.00					
	Total Expenditures:	$ 530,965.98	$ 73,838.00	$ -	$ -	
					Project Total:	$ 604,803.98

Remarks: The Village committed to fund its local match for this federal aid project (C-91-081-15, IDOT Contract 61A91 with its MFT balance. The project appeared on January 30, 2015 IDOT letting.

The improvement was constructed in accordance with the plans approved by the Department on _____ (Date)

Final inspection of the designated work was made by the Department on July 27, 2015 (Date) and it was found to be completed substantially in accordance with the requirements of the plans, specifications and contract. The financial statement is in accordance with department records.

This improvement shall henceforth be maintained by: Village of Bensenville (Local Agency)

Length as Built:	5,150 LF
Cross Section as Built:	2-3/4"
Road Bed Width:	37' E-E
Surface Type:	HMA
Width:	37'
Thickness:	7.5 inches
Award Date:	3/12/2015
Awarded Amount:	$ 544,907.94

Prepared By
Assistant Director of Public Works
Title of Preparer
September 11, 2018
Date

Local Agency Signature
Director of Public Works
Title
September 11, 2018
Date

Regional Engineer

Date

BLR 13510 (Rev. 07/16/13)

Printed 9/11/2018

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Resolution	Joe Caracci	Public Works	September 18, 2018

DESCRIPTION:

Consideration of a Resolution finalizing the Motor Fuel Tax (MFT) Fund Expenditures for Village's Local Match for the Green St LAPP and the Green-York Watermain Project (IDOT Contract 63759) in the Amount of $82,007.08

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

X	*Financially Sound Village*	X	*Enrich the lives of Residents*
X	*Quality Customer Oriented Services*		*Major Business/Corporate Center*
X	*Safe and Beautiful Village*		*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
COW	September 18, 2018

BACKGROUND:

The Village applied and was awarded Federal Surface Transportation Program (STP) funding in the amount of $770,000 (70% of estimated $1,100,000 project) for the resurfacing of Green Street from York Road to the eastern Village limits. The federal not-to-exceed cost participation on this project was $924,000. The Village was able to negotiate IDOT funding for this project in the not-to-exceed amount of $576,312 due to the traffic detours related to the York-Irving intersection and grade separation projects, which would in theory shortened the average life cycle of the HMA pavement on Green St.

The Green Street-York Rd Watermain Replacement project was combined with the LAPP project for ease of construction purposes. This portion of the project was non-participating cost and was to be paid for by the Utility Capital Funds. The estimated cost of watermain improvements was $1,200,000.00.

The project was completed in 2013 and we are now in receipt of the final invoice from IDOT for this project. The final project cost is $2,538,901.86 of which $1,661,647.35 is LAPP and $877,254.51 is the watermain improvements. The entire cost of improvements is up fronted by IDOT and Village has to reimburse its portion. Based on previous phone conversations with IDOT, they are to only pay for their percentage of the final cost of the LAPP improvements, which was calculated to be $410,306.00. Staff has worked with IDOT over recent years for them to kick in their entire share of $576,312 as per the Local Agency Agreement. As shown on the final invoice, IDOT has committed to all of its $576,312 for this project, which provides saving of approximately $166,000 to the Village.

Furthermore, staff had also caught a cost participation error made by IDOT on the IL-83 median improvement projects back in 2015. This error was discovered after the first payment was made. IDOT was overcharging the Village for the stamped concrete improvements. A successful resolution to that matter has resulted in the Village receiving credit for in the amount of $79,328.27 on the final invoice for the Green St project. The staff is in agreement with the amount of credit provided.

With the additional IDOT funding and credits, the final local share for the entire project is $1,038,589.86 of which $877,254.51 is for the watermain and $161,335.35 for the LAPP. To date, Village has paid $842,426.06 towards watermain improvements and $20,372.32 towards LAPP. All credits from the Il-83 projects was applied towards the LAPP portion.

KEY ISSUES:

Each municipality must first appropriate the estimated MFT funds to be spent in any given year using IDOT BLR 09111 form. These funds can be spent once authorized by the IDOT. Once the amount is authorized by IDOT, they will reduce the Village's unobligated MFT balance in their books by the approved amount. Any monies spent over the authorized amount will require the municipality to approve a supplemental resolution while any monies under spent will be automatically credited back to the Village's unobligated balance after the proper close out paperwork is completed.

The Village board had passed a resolution on December 9, 2014 (R-128-2014) to appropriate use of MFT funds in the amount of $350,000 for purposes of Village's local match related to the Green St LAPP Project. The total expended MFT amount on this project is $82,007.08, which is $267,992.92 under the obligated $350,000 local match.

The final project of $2,538,901.86 received federal funding in the amount of $924,000; State funding for $576,312; State credits from contract 60V54 for $6,282.80; State credits from contract 60N49 $73,045.47 while the local match is $82,007.08 and the non-participating watermain cost of $877.254.51.

ALTERNATIVES:

NA

RECOMMENDATION:

Staff recommends approval the Resolution.

BUDGET IMPACT:

Village's unobligated MFT balance will be credited by $267,992.92 after the next MFT audit cycle.

ACTION REQUIRED:

Resolution finalizing the Motor Fuel Tax (MFT) fund expenditures for Village's Local match for the Green St LAPP and the Green-York Watermain Project (IDOT Contract 63759) in the amount of $82,007.08.

ATTACHMENTS:

Description	Upload Date	Type
Resolution	9/11/2018	Resolution Letter
Location Map	9/11/2018	Backup Material
Final Invoice	9/11/2018	Backup Material
BLR 13510-Final Report	9/11/2018	Backup Material

RESOLUTION NO.

A RESOLUTION FINALIZING THE MOTOR FUEL TAX (MFT) FUND EXPENDITURES FOR VILLAGE'S LOCAL MATCH FOR THE GREEN ST LAPP AND THE GREEN-YORK WATERMAIN PROJECT (IDOT CONTRACT 63759) IN THE AMOUNT OF $82,007.08

WHEREAS the Village of Bensenville has received Federal Surface Transportation Program (STP) funding for the Green Street LAPP project between York Road and eastern limits of the Village, and

WHEREAS the Village board had passed a resolution on December 9, 2014 (R-128-2014) to appropriate use of MFT funds in the amount of $350,000 for purposes of Village's local match related to the Green St LAPP Project; and

WHEREAS the construction of the project was completed in 2013; and

WHEREAS the final project invoice from Illinois Department of Transportation was received in March 2018; and

WHEREAS the final project of $2,538,901.86 received federal funding in the amount of $924,000; State funding for $576,312; State credits from contract 60V54 for $6,282.80; State credits from contract 60N49 $73,045.47; local match is $82,007.08 and the non-participating watermain cost of $877.254.51.

WHEREAS the final MFT expenditure consist of $82,007.08; and

NOW THEREFORE BE IT RESOLVED by the Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois as follows:

SECTION ONE: The recitals set forth above are incorporated herein and made a part hereof.

SECTION TWO: The Village President and Board of Trustees authorizes and approves the attached Resolution finalizing the Motor Fuel Tax (MFT) fund expenditures for Village's Local match for the Green St LAPP and the Green-York Watermain Project (IDOT Contract 63759) in the amount of $82,007.08.

SECTION THREE: The Village Manger is hereby authorized and directed to execute on behalf of the Village of Bensenville, and the Deputy Clerk is hereby authorized to attest thereto, the necessary paperwork.

SECTION FOUR: This Resolution shall take effect immediately upon its passage and approval as provided by law.

SECTION FIVE: This Resolution is passed and approved by the President and Board of Trustees of the Village of Bensenville, Illinois, dated September 25, 2018.

APPROVED:

_____
Frank DeSimone

ATTEST:

_____
Nancy Quinn, Village Clerk

AYES: _____

NAYS: _____

ABSENT: _____

Village of Bensenville

Illinois Department of Transportation

Invoice

INVOICE NO.	**121710**
RESP. CODE	9040
INVOICE DATE	03/01/2018
REVENUE CODE	6305
AUDIT NUMBER	
PAYER NUMBER	00035

Village of Bensenville
Village Clerk
12 South Center Street
Bensenville, IL 60106

EXPLANATION OF CHARGES — **PAY FROM THIS INVOICE**

LOCATION:	GREEN STREET
LOCAL SECTION:	10-00087-00-RS
ROUTE:	FAU 3533
SECTION:	
COUNTY :	DuPage
JOB NO. :	C-91-710-10
PROJECT NO.:	M-9003/677/000
CONTRACT NO.:	63759
DISTRICT:	1

The Agreement executed 5/16/2013 between Village of Bensenville, and the State of Illinois provides that the village will reimburse the State for part of the construction costs.

FINAL VILLAGE SHARE:

		AMOUNT
M230U01, M230U02 & M230U03		
Less Federal Share 2 70% NTE $924,000		($924,000.00)
Less State Share Lump Sum NTE $576,312		($576,312.00)
07C0U01		$877,254.51
Final Local Share	$1,038,589.86	
Less Previous Payments		($862,798.38)
Less Credit for Overpayment on Contract 60V54		($6,282.80)
Less Credit for Overpayment on Contract 60N49		($73,045.47)
Payment Due Date 03/15/2018	**TOTAL DUE**	$96,463.21

PLEASE MAKE CHECK PAYABLE TO TREASURER, STATE OF ILLINOIS

Illinois Department of Transportation

Final Report of Improvement Constructed Under the Illinois Highway Code

Local Public Agency: Village of Bensenville
County: Cook and DuPage
Section: 10-00087-00-RS
Contractor: Plote Construction

Financial Statement

Total Funds Received		Expenditures				Surplus/Deficit
Source	Amount	Construction	Engineering	Right of Way		
STU	$ 924,000.00	$ 924,000.00				$ -
STATE	$ 576,312.00	$ 576,312.00				$ -
Local-non-partcipating	$1,058,782.59	$ 877,254.51				$ 181,528.08
Local match-MFT	$ 350,000.00	$ 82,007.08				$ 267,992.92
IDOT Credits -60V54	$ 6,282.80	$ 6,282.80				$ -
IDOT Credits -60N49	$ 73,045.47	$ 73,045.47				$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
						$ -
Total Funds Received	$2,988,422.86					
	Total Expenditures:	$ 2,538,901.86	$ -	$ -	$ -	
					Project Total:	$ 2,538,901.86

Remarks: The Village committed to fund its local match for this federal aid project (C-91-710-10, IDOT Contract 63759) with its MFT balance. The project appeared on April 26, 2013 IDOT letting.

The improvement was constructed in accordance with the plans approved by the Department on January 2, 2013 (Date)

Final inspection of the designated work was made by the Department on November 5, 2013 (Date) and it was found to be completed substantially in accordance with the requirements of the plans, specifications and contract. The financial statement is in accordance with department records.

This improvement shall henceforth be maintained by: Village of Bensenville (Local Agency)

Length as Built:	7,515 LF
Cross Section as Built:	Varies
Road Bed Width:	Varies
Surface Type:	HMA
Width:	Varies
Thickness:	Varies
Award Date:	5/22/2013
Awarded Amount:	$ 2,897,054.59

Prepared By
Assistant Director of Public Works
Title of Preparer
September 11, 2018
Date

Local Agency Signature
Director of Public Works
Title
September 11, 2018
Date

Regional Engineer

Date

Printed 9/11/2018

BLR 13510 (Rev. 07/16/13)

TYPE:	SUBMITTED BY:	DEPARTMENT:	DATE:
Resolution	Joe Caracci	Public Works	September 18, 2018

DESCRIPTION:

Consideration of a Resolution to Waive Competitive Bidding and Authorize the Execution of a Contract with M.E. Simpson for the 2018 Leak Survey in the Not-to- Exceed Amount of $14,800

SUPPORTS THE FOLLOWING APPLICABLE VILLAGE GOALS:

X	*Financially Sound Village*	X	*Enrich the lives of Residents*
X	*Quality Customer Oriented Services*		*Major Business/Corporate Center*
X	*Safe and Beautiful Village*		*Vibrant Major Corridors*

COMMITTEE ACTION:	DATE:
COW	September 18, 2018

BACKGROUND:

The Village of Bensenville is experiencing water loss in the amount of 17%. One of the activities that has proven to be beneficial in identifying and reducing water loss is a Village-wide leak survey. The Village strives to perform this survey annually.

The Leak survey consists of utilizing listening technology to identify potential leaks and pinpointing those leaks for evaluation. Historically, this program has identified approximately 20 leaks each year. Some of these leaks are minor, but major leaks have also been identified. Back in 2012, our leak survey identified a major leak that was estimated to contribute approximately 500,000 gallons per day. Once we repaired this leak, we saw a significant reduction in our water loss numbers.

There are a limited number of firms that perform this work. Staff has requested proposals from two local firms.

KEY ISSUES:

Staff has reviewed the two submitted proposals from Associated Technical Services LTD (ATS) and M.E. Simpson. We found differences in the approach and billing procedures.

ATS submitted the lower initial cost proposal in the amount of $9,694.08. This proposal was based on 68 linear miles of watermain. The Village actually has 80 miles of watermain. This would equate to a modified proposal of $11,404.80. ATS also charges separately for locating any leaks that they detect. These costs are $395 for a main leak and $95 for a fire hydrant leak.

M.E. Simpson submitted a lump sum proposal that is all inclusive and accounts for all 80 miles of watermain. There is no additional cost for locating potential leaks. The lump sum cost submitted was $14,800.

It is our expectation that the contractor will find approximately 20 leaks in our system. At this quantity, the ATS contract could exceed the lump sum contract of M.E. Simpson.

Staff has utilized ATS for leak detection in the past. We feel that there could be a benefit in having a different set of "ears" on this program. We have communicated with other communities that have used both contractors and received feedback that they had better service from M.E. Simpson.

Staff is recommending entering into a contract with M.E. Simpson for the 2018 Leak Survey.

ALTERNATIVES:

1. Discretion of the Committee
2. Enter into contract with M.E. Simpson
3. Enter into contract with ATS

RECOMMENDATION:
Staff recommends entering into a contract with M.E. Simpson.

BUDGET IMPACT:
The CY2018 budget includes $9,500 (Account No. 51050540 549990). There is sufficient funds remaining in the account to support the additional $5,300.

ACTION REQUIRED:
Approval of a Resolution to waive competitive bidding and authorize the execution of a contract with M.E. Simpson for the 2018 Leak Survey in the not to exceed amount of $14,800.

ATTACHMENTS:

Description	Upload Date	Type
RES - 2018 Leak Survey	9/13/2018	Resolution Letter
PROPOSAL - M.E. Simpson	9/13/2018	Backup Material
PROPOSAL - ATS	9/13/2018	Backup Material

RESOLUTION NO.

WAIVING COMPETETIVE BIDS AND AUTHORIZING THE EXECUTION OF A CONTRACT WITH M.E. SIMPSON FOR THE 2018 LEAK SURVEY IN THE NOT-TO-EXCEED AMOUNT OF $14,800

WHEREAS the VILLAGE OF BENSENVILLE (hereinafter "Village") is a municipal corporation established and existing under the laws of the State of Illinois pursuant to the Illinois Municipal Code, 65 ILCS 5/1-1-1 *es seq*, and

WHEREAS the VILLAGE is empowered to make all agreements, contracts, and engagements and to undertake other acts as necessary in the exercise of its statutory powers, and

WHEREAS the Village of Bensenville is currently experiencing 17% water loss, and

WHEREAS the Village of Bensenville, in an effort to reduce our water loss seek to perform a water leak survey, and

WHEREAS the Village of Bensenville has received two proposals from qualified firms, and

WHEREAS the Village of Bensenville believes that M.E. Simpson submitted a proposal that best meets our desires and expectations, and

WHEREAS the Village of Bensenville seeks to enter into a contract with M.E. Simpson for a leak survey in the not to exceed amount of $14,800.

NOW THEREFORE BE IT RESOLVED by the Board of Trustees of the Village of Bensenville, Counties of DuPage and Cook, Illinois as follows:

SECTION ONE: The recitals set forth above are incorporated herein and made a part hereof.

SECTION TWO: The Village Board authorizes and approves the attached Resolution authorizing a contract with M.E. Simpson to perform a leak in the not-to-exceed amount of $14,800.

SECTION THREE: The Village Manger is hereby authorized and directed to execute on behalf of the Village of Bensenville, and the Deputy Clerk is hereby authorized to attest thereto, the necessary paperwork.

SECTION FOUR: This Resolution shall take effect immediately upon its passage and approval as provided by law.

SECTION FIVE: This Resolution is passed and approved by the President and Board of Trustees of the Village of Bensenville, Illinois, dated September 25, 2018.

APPROVED:

_____
Frank DeSimone, Village President

ATTEST:

_____
Nancy Quinn, Village Clerk

AYES: _____

NAYS: _____

ABSENT: _____

08/29/2018

Mr. Max Geib
Utilities Supervisor
Village of Bensenville
717 E. Jefferson Street
Bensenville IL. 60106

RE: PROPOSAL FOR A WATER DISTRIBUTION SYSTEM LEAK SURVEY

Dear Mr. Geib,

M.E. Simpson Co., Inc. is pleased to present the Village of Bensenville our proposal for a Water Distribution System Leak Detection Survey Program. We are honored to be considered for this work and are confident our team will help make the project a success.

M.E. Simpson Co., Inc. is a Professional Services Firm dedicated to developing and providing programs and services designed to maximize peak performance for our clients' water distribution systems. Many of these programs are universally recognized as a part of "Best Management Practices" (BMPs) for utilities. We pride ourselves on delivering solid solutions using the highest quality technical and professional services by way of state-of-the-art technology and a skilled and well-trained staff of professionals. Our highly-educated engineers and technical team are committed to the success of this project. They will be ready at a moment's notice to relieve your staff's burden and ensure a seamless continuation of your services.

Our services were developed and refined to provide utilities with programs that can be customized to meet their needs. From complete "Turn-Key" services to assisting with the development of "in-house" programs for utilities, M.E. Simpson Co., Inc. serves our clients with this ultimate goal: to deliver to the public the implicit faith that **"the water is always safe to drink"**.

Thank you for your consideration and this opportunity to acquaint you with our Water Distribution System Leak Detection Services and offer this response. We are committed to exceeding your expectations.

Sincerely,

Randy Lusk
Regional Manager

Randy Lusk
Regional Manager

3406 Enterprise Avenue
Valparaiso, IN 46383

800.255.1521 P
888.531.2444 F

Randy.Lusk@mesimpson.com

SCOPE OF WORK

Water Distribution System Leak Survey

The Field Scope of Service for the Leak Survey is understood to be the following:

M.E. Simpson Co., Inc. will furnish all labor, material, transportation, tools, and equipment necessary to survey the water distribution system areas selected by the City. M.E. Simpson Co., Inc. shall be required to provide such skilled and trained personnel and equipment necessary to complete the work herein specified. **There will be a minimum of Two Persons per team working on the survey at all times.**

- Work in an orderly and **safe** manner to insure protection of the local residents, Utility employees, and the Field Staff so that no **avoidable** accidents occur.
- All Field Staff will have readily observable identification badges worn while in the field.
- The leak detection equipment to be used will be that which was described in the "Equipment to be used" section.
- Initially listen to **all fire hydrants, all accessible main line valves**, and when necessary, selected service connections in the entire distribution system by making physical contact with the valve, hydrant, pipe, or B-box. (Listening points that are not accessible will be given to the Utility and when corrected they will be listened to.)
- Listening points of contact will be: valves, hydrants, service valves or meter settings. The preference of listening points in order as follows; direct contact with the pipe, main line valves, hydrant valves, hydrants, then service valves or meter settings.
- Specific listening distances will be determined by pipe material. Metallic type pipes; no greater than 500' between listening points. Non-Metallic AC/Concrete type pipes; no greater than 300' between listening points. Non-Metallic PVC/HDPE type pipes; no greater than 150' between listening points.
- A "suspected leak" log shall be maintained indicating all areas where suspected leak noise was heard. This log will be reviewed when the Project Team is verifying the suspected leak area for confirmation of the actual existence of a leak. This log will be a part of the periodic reports turned into the Utility regardless of an actual leak located in the area or not, with an explanation of the noise source.
- When leak noise has been detected and or suspected, the Project Team will verify the suspected area a second time to confirm the noise. At least four hours will pass between the initial listening of the area before a second listen and confirmation is attempted.
- The Project Team will line locate the water main and service lines in the immediate area so the correct pipe distances can be input into the leak correlator and also so that the Water Utility will have an idea of where the water main is located prior to excavation. Non-metallic pipe locations will be "interpolated" as best that can be identified, given the line location of metallic services, Utility knowledge of the area, or other information regarding the actual location of the main.

- The Project Team will use "State of the Art" Electronic Leak Correlators to determine if a leak is present and use the same equipment to pinpoint the leak.
- For PVC water mains only the Echologics LeakFinder-ST w/hydrophones leak correlator or Fluid Conservation Systems (FCS) TriCorr Touch leak correlator, will be used for correlations because of the ability for these correlators to be able to analyze the particular sound frequencies inherent to PVC pipe.
- The leak location will be marked in the field (on the surface) using environmentally formulated Precautionary Blue paint.
- The Project Team will document all leak locations with a diagram indicating the location of the leak. Other information related to that correlation will be included as part of the field sheet such as the filters used for the correlation, line locations, distances between sensors, etc.
- The locations of leaks requiring immediate attention (immediate threat to life, injury or traffic) will be turned in as quickly as possible to facilitate the repair process.
- The Project Team will report daily or per request of the Utility, to assigned Utility Professional and go over the progress of the previous day, as well as cover what will be surveyed the current day.
- It may be necessary to conduct parts of the Leak Survey during "off hours" such as at night. This may be required in areas of high traffic volume where traffic noise may affect the ability to detect leak noise, and traffic volume may affect the ability of the Project Team to be able to safely access main line valves in the middle of the street. The Project Team will give 24-hour advanced notice of intent to survey a particular area that may require after hours surveying or nighttime surveying. This is so the Utility can plan for the area to be surveyed, give notification to the Police department, as well as other Public Works Divisions as to the activity that will take place.
- As a part of the leak program, mapping discrepancies found, distribution assets found in disrepair will be noted and turned into the utility.
- Leaks verified on the customer's side of a service shut-off will not be located beyond the shut-off. If a leak appears to be on the Customers' side, the Utility will be notified first, then the customer notified and permission granted prior to the water being shut off even for short periods of time where possible and as time allows, as well as the ability for the customer to respond.
- If the Utility requests leak locations beyond the service shut off on the customer's side of the service line, this will result in an additional charge to the leak survey based on an hourly rate and this service must be agreed upon between the Utility and M.E. Simpson Co., Inc. prior to the start of the survey.
- Valves and hydrants will not be operated without Utility permission. Valves and hydrants that break during this type of operation are the sole responsibility of the Utility. M.E. Simpson Co., Inc. cannot be responsible for valves and hydrants that break due to pre-existing conditions.

- The Utility is encouraged to dig up and repair the leaks located as soon as possible so that the area may be re-surveyed while the Project Team is still working on the survey in that general geographical location to ensure no other leaks are present in that area.

Equipment List

- FCS **S30** Gutermann **AquaScope** electronically enhanced listening device.
- Echologics **LeakFinder-ST w/hydrophones**; FCS **AC Digital**, **TriCorr Touch** or Vivax-Metrotech **HL6000X** leak correlator systems.
- **RADIO Detection** Line Locators.
- **Chicago Tape**, **Fisher M-Scope** or **Schonstedt** magnetic locators.
- **All necessary valve keys and hand tools**
- Truck mounted arrow board/signage and warning lights.
- Traffic control equipment, including properly sized traffic cones with reflective stripes.

Quality Control and Accuracy of Leak Locations

The level of accuracy of leak detection is a matter of taking in all the above considerations and applying those considerations to each individual potential leak location as it is being evaluated. Any statement made as to the level of accuracy of leak locations must be considered based on the individual conditions of each leak.

Locating leaks on a distribution system can be very challenging. It is not a perfect science. Pipes and fittings can leak for a variety of reasons (age, poor installation, material failures, bad soils, etc.), and the ability to locate leaks is dependent on the stated variables listed in the “Project Approach”. By employing a strict methodology in the field for conducting a leak survey, these variables can be accounted for and mitigated. The depth of experience of the Project Team is extremely important to maintaining the ability to have accurate locations of leaks. Additionally, crews work as Two-Person Teams in the field, double checking the progress of the work as the survey progresses. The systematic procedure for leak confirmation has been stated in the Scope of Field Service and is restated here.

“Suspected leak areas are always listened to a second time, preferably at a different time of day than originally listened to. The mains and services will be line located to insure correct pipe distances are used for the correlations. Correlations may need to be performed several times with several configurations to insure all the possible scenarios have been covered. Sewer manholes may need to be opened and flows observed. If there is any doubt as to the existence of a leak, the area may be checked and correlated at different times to rule out water usage or other factors. The progress of the survey will be monitored by the use of daily logs and a progression map with suspected leak noise indications marked and possible leak locations will be maintained. Field leak location forms will be turned into the Utility according to the agreed schedule. The Project Team will follow up on leak locations by monitoring the repair schedule of the Utility. That way in case a potential leak location is wrong, the Project Team can return to the site and determine why the leak location was incorrect, and correct it. This means maintaining a good level of communication between the Project Team in the field, and the Utility.

As a matter of Quality Control for leaks in the field, our Correlators, FCS TriCorr Touch and Echologics LeakFinder-ST have the distinct ability to be able to detect and pinpoint more than one leak in the same relative area, thus allowing better leak coverage and insuring that one leak is not "masking" another leak in the same area. The use of progress reports and meetings will allow for open discussions of problems encountered so solutions can be examined."

Utility Observations

The M.E. Simpson Co., Inc. Project Team will welcome having staff of the Utility observe field procedures while the Leak Survey is in progress. They will be happy to explain and demonstrate the equipment and techniques that are employed by M.E. Simpson Co., Inc. for detecting and locating leaks on the Water System.

Final Reports, Documentations & Communications

M.E. Simpson Co, Inc. will perform the following:

- Project Team will **meet daily** with assigned Utility personnel to go over areas of survey for prior workday and plan current day and area to survey.
- The field technicians will be readily available by cellular phone. This will facilitate communications between the Utility and the field technicians. A **24-hour toll-free 800 number** is available for direct contact with M.E. Simpson Co., Inc. for emergencies.
- **Diagram all leak locations**, date of location, and classify according to severity and an estimate of loss.
- **The Project Manager will** meet with the Utility regularly for a progress report.
- **Prepare a progress report** at monthly intervals for the Utility if requested.
- Develop a **Leak Survey log** of activity which will also have confirmed leaks listed and this list will be turned in weekly (in Excel format). The list will also be included with the final report that will include the following;
    1. Mechanical deficiencies discovered
    2. Mapping errors on the water atlas
    3. Type of monitored appurtenances
    4. Location of same for leaks discovered
    5. Total estimated loss

Effective communication…
accurate documentation…
Insuring the success for the leak survey

- **Prepare the final report** at the completion of the project which will include all leak location reports with drawings, total of estimated water loss, total pipe distance investigated, a description of the area surveyed, and other problems found in the system during the course of the survey that need the attention of the Water Utility. The leak summary will list leak types such as main leaks, service line leaks, valve leaks, or hydrant leaks.

  A cost benefit analysis of the survey based on the "cost to produce" water will also be included that describes the financial impact to the Utility for water loss. Recommendations for system maintenance will be a part of this report based on field observations made during the survey. **This final report shall be made available for submission to the Utility within thirty (30) working days of the completion of the fieldwork.**

Assumptions & Services Provided by the Utility

- The Utility will furnish all maps in an electronic format or paper atlases (two copies), and records necessary to properly conduct the survey.
- The Utility will assist as necessary to clean out service valves, meter pits and valve-boxes needed for listening.
- The Utility will provide a Primary Contact Person and/or secondary contact person for the Field Staff to report to on a periodic basis. This person shall act as the official liaison for the duration of the Leak Survey. This person shall have a working knowledge of the water system and will be helpful in attempting to locate particularly hard-to-find water valves for listening and for general information about the water system. *This person will not need to assist the Project Team on a full time basis*, but only on an "as needed" basis.
- The Utility will assist, if needed, to help gain entry into sites that may be difficult to get into due to security issues or other concerns.
- The Utility will assist, if needed, to locate all nonmetallic pipe within the service area. This would include all Concrete Cylinder pipe, Asbestos Cement Pipe, PVC pipe and HDPE pipe.
- We will encourage the immediate digging of major leaks (main breaks) so that if there are problems with the leak location, the problems can be corrected while the Project Team is close by and can verify the site.

PROJECT SAFETY PLAN

M.E. Simpson Co., Inc.'s Safety Programs cover all aspects of the work performed by M.E. Simpson Co., Inc. We take great pride in our safety plan/policy/program and that is evident in our EMR scores over the last five years. The safety of our employees, the utilities employees and that of the general public is our #1 priority.

Our Safety Plan/Policy/Program, with all of its parts, is 60 pages in length. In an effort to be more efficient and less wasteful we do not print copies of the safety program for RFPs. There is nothing secretive or proprietary contained within our plan/policy/program and we are happy to share its contents. If you would like a PDF copy of our plan/policy/program please contact Todd Schaefer, Operations Manager, at 800.255.1521 and a copy of our program will be sent via email to you.

Below is an overview of our plan/policy/program:

Safety is a major part of any project. M.E. Simpson Co., Inc. always provides a safe work environment for its employees. **Our staff is trained in General Industry OSHA rules, Confined Space Entry & Self-Rescue, First Responder First Aid, CPR, and Traffic Control.** While in the field on your project, M.E. Simpson Co., Inc. and its employees will follow all of the necessary safety procedures to protect themselves, your staff and the general public.

M.E. Simpson Co., Inc. uses Two-Man Teams for Safety and Quality Assurance.
The use of a "one-person" leak detection team is dangerous and impractical where water mains run under roadways. It would be a dangerous precedent to allow a "one-person" team to access main line valves located in the roadway, attempt to listen to the valve with headphones on, and at the same time try to control traffic flow at that person's location in the street.

Therefore M.E. Simpson Co., Inc. adheres to the following:

- The Project Manager and the Field Manager will be trained in accordance with OSHA Standard 1910 (General Industry) and be in possession of an OSHA 10 Hour or 30 Hour Card.
- Any listening points located in a **"confined space"** such as pit and vault installations that **require entry** will be treated in accordance with the safety rules regarding **Confined Space Entry, designated by the Utility, The Department of Labor and OSHA**.
  - All personnel are **trained and certified** in Confined Space Entry & Self-Rescue.
- We will follow all safety rules regarding **First Responder First Aid & CPR, designated by the Utility, The Department of Labor and OSHA**.
  - All personnel are **trained and certified** in First Responder First Aid & CPR.
- We will follow all **traffic safety rules, designated by the Utility, The Department of Labor, OSHA, and the Illinois Department of Transportation (per MUTCD).**
  - All personnel are **trained and certified**, by the **AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA)** in Traffic Control and Safety.

Current documentations of safety training and certifications can be provided for all project personnel for the Utility. These certifications are current and up to date (for 2018) for all project personnel.

I N V E S T M E N T

A commitment to improving and maximizing the Village of Bensenville's water distribution system for future generations.

M.E. Simpson Co., Inc. is pleased to present our "Proposal" for a Water Distribution System Leak Detection program for the Village of Bensenville. M.E. Simpson Co., Inc. will perform our leak detection services on approximately **80** miles of watermain within the Village of Bensenville's water distribution system. The survey will be completed by listening on the accessible main line valves, fire hydrants and as needed services by one of our two-man teams with all necessary equipment furnished by M.E. Simpson Co., Inc. as described within this document. The project will also include complete reporting of all issues found, with a final comprehensive report.

2018 Leak Survey

Water Distribution System Leak Survey Program Fee (lump sum) **$14,800.00****

****Any water main surveyed in addition to the above 80 original miles of watermain will be surveyed at the rate of **$185.00** per mile of pipe.

We thank you for this opportunity to acquaint you with our Water Distribution System Leak Detection services and offer this proposal. If you have further inquiries or you wish to discuss our service in more detail, do not hesitate to call us.

ASSOCIATED TECHNICAL SERVICES LTD **524 W. ST. CHARLES RD. VILLA PARK, IL**

www.ATSLIMITED.com **Office: 630.834.1558 / Fax: 630.834.5501**

Established 1979

August 31, 2018

Village of Bensenville
Department of Public Works
12 S. Center Street
Bensenville, Illinois 60106

Attn: Maxwell Geib
Utility Supervisor

RE: 2018 Water Distribution System-Wide
Leak Detection & Location Survey Proposal

Dear Mr. Geib,

We are pleased to present our proposal to perform a comprehensive leak location survey for the Village of Bensenville. We have an excellent track record in Bensenville that began in 1981.

ATS and Bensenville – A 36-year history of success. During that time, ATS has accurately located ± 170 leaks for Bensenville during over 130 emergency and scheduled callouts. During leak surveys of areas that were targeted by the Village, we averaged 2 leaks for every mile of water main. In 2012, ATS performed a very successful Valve Exercising Location and Assessment Program throughout the entire water system. ATS pinpointed 11 leaks, while monitoring every valve that we operated for leak sounds. In 2014, ATS preformed a Leak Detection Survey that pinpointed 23 leaks.

An ATS Leak Survey Program is the most cost-effective and time-efficient measure that a water utility can take to reduce its unaccounted-for water loss. There are three factors that create an unaccounted-for water loss figure; System Leakage, Metering Errors, and Accounting Procedures. As each discovered leak is repaired, the Village will see an immediate return on your leak survey dollars. In fact, over the years, system-wide ATS Leak Surveys average a “$35: $1” return in recovered water.

Nationwide studies have determined that of these three major factors, a properly performed leak survey will have the biggest positive impact in reducing a water loss. An ATS Leak Survey can accomplish this task in the least amount of time while spending a fraction of the cost of a typical meter testing & replacement program. We also recommend that both metering and accounting procedures be evaluated during any comprehensive water system audit.

Since introducing the first leak noise Correlator to water industry in 1979, ATS has earned its standing as one of the most innovative and successful leak location firms in America. We have conducted hundreds of leak surveys in cities of all sizes, ages and make-ups, across the Midwest region. Many cities have also had experience with other leak survey firms in addition to ATS. In those cities, ATS never found less than 2 to 10 times more leakage than the competitor’s survey that preceded the ATS Survey.

There are good reasons why choosing ATS makes excellent business sense.

Superior Experience - ATS helped introduce leak location correlators, and subsequently started to specialize in leak detection in 1979. As a result, ATS has performed more leak surveys and pinpointed more leaks with this technology than anyone. ATS developed the leak survey techniques, correlator survey specs and field strategies that have become the standards for the industry. Over the years many of FCS – Fluid Conservation Systems' top people including Regional Managers, Sales Staff, Instructors and their longtime Director of Operations also received training from ATS. FCS also uses ATS for Beta testing new equipment innovations plus software upgrades and developments.

Conserving Municipal Manpower and Resources - Many public works departments are already stretched to their limit, providing quality services to your citizens. With our tremendous amount of municipal leak survey experience, ATS frees up your staff so that they can concentrate on their normal duties without distraction. Municipal involvement is normally answering questions and freeing up inaccessible points \ during the location phase on an "as-needed basis".

24 Hour Customer Support During and After the Survey – ATS never has less than two crews on call 24 hours a day / 365 day a year. ATS has a fleet of 10 Correlator Equipped "ATS Leakmobiles" out in the field five days a week. Every van is fully equipped with an experienced and trained two-person crew capable of handling any leak location or utility location situation you may have. While some water suppliers have to typically wait 3 or more hours for our competitors to arrive, ATS is almost always on the scene in 60 - 90 minutes or less of your call. No other firm consistently responds to emergencies as quickly as ATS.

Superior Results - Like anything in life, the person who practices their craft every day is going to have distinct and measurable advantages over the person that doesn't do it as often, and subsequently, as well. For over 39 years, ATS has been out in the field everyday performing leak surveys, underground utility locations and leak pinpointing. As a result, our listening skills are going to be that much more acute.

Cost Effectiveness - Compare the actual survey results found by ATS verses the others. Call on our references. We've highlighted those municipalities that have used ATS and our competition. The differences in the survey findings are remarkable.

- No one listens more intently to every accessible access point as ATS. Therefore, we detect more suspect leak sounds than anyone else.

- No one works over a suspect leak site more aggressively than ATS. We'll make multiple setups to analyze a leak from every direction. Therefore, we confirm more suspect leak sounds into confirmed leak locations than anyone else.

- ATS spends more time performing your leak survey so you can spend less time repairing them and get a greater return in recovering precious water and reducing your water losses.

Here's a conservative forecast of Bensenville's potential return on your investment with a comprehensive ATS Leak Detection and Location Survey Program.

EXAMPLE of COST EFFECTIVENESS and SURVEY FINDINGS PROJECTIONS

Bensenville's Average Daily Pumpage	±	1,538,664 GPD
Unaccounted-for-Water Loss (UAW)	x	17 % UAW*
Daily total estimated unaccounted for water in gallons per day (GPD) =		261,572 GPD
Annual total estimated "UAW" in gallons per year (GPY)	=	95,474,101 GPY
Estimated Annual Loss in Gallons	±	95,474,101 GPY
Current water rate ($ 6.85 per 1,000 gal)	x	$ 6.85 / 1,000 GAL
Daily Cost of a 17%* Unaccounted for Water Loss:		$ 1,791.75 per day
Annual Cost of a 17%* Unaccounted for Water Loss:		$ 653,988.75 per year

* Water loss figure taken from Village 2017 website data. The maximum allowable unaccounted-for water loss (non-revenue generating water loss) percentage is 10%

Estimated Impact of an ATS Survey

$ 10,000 (budgeted funds) ÷ $ 653,988.75 (value of lost water) = 0.01 % of the water's value

In our example, an ATS Leak Survey of Bensenville's water system can help solve your water loss problems due to leakage for less than 5% of the value of this unaccounted-for water. Additional savings are found in reducing the leaking water that escapes into the sewer system without generating revenue, reduced electrical costs and chemical treatment costs. You also pro-actively find leaks before they can surface and cause emergency and unplanned overtime, repair expenses and expenditures of manpower resources. This leak survey has the potential to pay for itself in 4 days or less as leaks are repaired.

Your actual Leak Survey results may be higher or lower than our projections as current system data and the percentage or your water loss due to leakage may be different than before. However, even if only half of your water loss is due to leaks, this survey will still pay for itself many times over. With ATS, you can rest assure that every possible leak will be detected and accurately pinpointed, regardless of how much effort it takes us. With some of the other firms all you can do is hope.

A Comprehensive ATS Leak Survey is typically accomplished with these steps:

- Prepare a Proper Proposal - Once our proposal has been submitted and approved, we will be in contact with you to schedule the Pre-Survey Meeting.

- Pre-Survey Meeting – Upon request, a meeting will be conducted with ATS Survey Project Manager, to discuss all aspects of the project from methodology, equipment, documentation and results with the Village.

- The Designated Survey Area is divided up into manageable survey sections which are scaled directly from your maps to get the quantity of water main in each area.

- ATS Crews will check in with the Village at the start of every survey workday. You'll always know where we'll be that day and what kind of progress we're making. ATS is available after hours, for emergencies.

- Ultrasonic Leak Detection Phase of each survey sub-area. We will log every monitored appurtenance, every detected suspect leak site, all map discrepancies and any inaccessible points that need to be found or exposed so they can be surveyed.

- Develop List of Inaccessible Points that we are unable to locate or access. Submit this list the Village for preparation as needed so ATS can survey these points.

- Map Discrepancies - All appurtenances that are shown incorrectly or not shown at all on your maps will be logged on our survey sheets.

- Computerized Electronic Leak Location Phase – Survey every suspect leak site and accurately pinpoint every subsequently detected leak.

- Leak Location Reports are submitted as leaks are located. Leak locations are marked, diagramed and documented in detail.

- Final Survey Report – Upon receipt of the leak repair information, we will gather leak repair data, calculate water loss and revenue recovery amounts and prepare Final Report. Present three copies of the comprehensive Final Survey Report to the Village.

ATS COMPREHENSIVE LEAK SURVEY PROGRAM

The ATS Comprehensive Leak Survey Program is the most thorough and successful leak survey program in the business on two fronts – Superior Findings and Consistently Accurate Pinpointing. Put it all together and you will get the most cost-effective leak survey possible.

Incentive-Based Pricing gives the Village the most flexibility and the opportunity to save money if the water system turns out to be tighter than expected. The Village still wins if it ends up that your water system contains a good number of leaks because you won't spend an extra dollar without getting an accurate leak location in return. Since there are no fee estimates for ATS beyond the detection phase, there is obvious incentive for ATS to find as many leaks as possible for the Village. The more leaks we find, the more money you save.

ESTIMATE OF COST

ATS Comprehensive Leak Detection and Location Survey

The Village of Bensenville Water Distribution System primarily consists of 68 lineal miles of gray cast iron and ductile iron water main. All these pipe materials adequately transmit leak sounds. The water system serves a population of ± 18,352 residents through ± 4,900 residential and commercial water service lines. This is significant because water service line leaks are a very common leak that we find with ATS Leak Surveys. Strategically located curb-stops do come into play during actual pinpointing of a suspect service leak. But it is not necessary to monitor curb-stops during the detection phase unless a suspect leak has been detected in the vicinity. Even though curb stops are mediocre conductors of sound for leak surveying purposes, leaking service lines can be detected by our skilled technicians by using hydrants, auxiliary valves and mainline valves as listening points.

Monitored System Appurtenances will include:

- Every fire hydrant - ± 1,143
- Every accessible hydrant auxiliary valve - ± 1,000
- Every main line valve - ± 1,200
- Strategically located service line curb stop valves in "b-boxes". ± 200
- Approx. ± 3,543 points will be ultrasonically surveyed throughout your water system.

"ATS INCENTIVE-BASED PROPOSAL"

Detection Phase:

359,040 @ $ 0.027per lineal foot of water main = $ 9,694.08

$ 0.027 per lineal foot of water main = $ 148.56 per lineal mile of water main

Location Phase:

$ 395.00 per leak that is determined to be a leaking water main or service line.

$ 95.00 per leak that is determined to be a leaking Fire Hydrant.

SURVEY COMPLETION TIME: We estimate the detection phase of the survey can be completed in approximately 15 - 20 workdays. The duration of the location phase will depend upon the number of suspect leak sites to investigate and actual number, type and location of those pinpointed leaks. Based upon our experience, another 5 - 10 workdays for pinpointing is possible.

Scope of Work

ATS Comprehensive Survey Program: Every fire hydrant, accessible hydrant auxiliary valve, and every mainline valve will be monitored for leak sounds. When a water system starts to get tighter, there is more emphasis on the surveyor to have to dig deeper to find the leaks that are not making obvious leak sounds. This fact makes monitoring every valve essential to finding these tough leaks. Valves are the best quality listening point possible. The thoroughness of this technique ensures that every detectable leak is found.

Ultrasonic Leak Detection: The existence and general neighborhood of every detected suspect leak is established with FCS S-30 ultrasonic leak detection equipment during this step. A preliminary leak size and leak type classification is also made at that time. A significant difference between an ATS Leak Survey and the other surveyors is in the ultrasonic leak detection phase's number of appurtenances that are monitored. It's a lot more work but ATS detects more leaks by listening to as many points as possible, especially mainline and auxiliary valves. Some other firms ignore valves or only monitor a cursory number of them. It's the wrong detection strategy. No one checks more points for leak sounds as accurately and as thoroughly as ATS.

Detection Survey Records: Every accessible fire hydrant, hydrant auxiliary valve and mainline valve is monitored for suspect leak sounds. B-Boxes are checked only in the vicinity of a detected suspect leak site. Valuable survey and system data are collected and logged on these records. This data includes: Appurtenance Type and Location, General Conditions Encountered, Accessibility, Map Discrepancies and Leak Sound Characteristics.

Computerized Leak Analysis & Pinpointing: Every suspect leak site, no matter how slight the sound, is electronically confirmed with one of our computerized FCS Tri-Corr Touch, FCS-Palmer AccuCorr, FCS 9090 or Sewerin SeCorr Leak Noise Correlator Systems. The pinpointing phase begins with ultrasonically resurveying every suspect leak site, electronic Correlator analysis of every suspect leak site to either eliminate a suspect leak site or accurately confirm the presence of the leak and pinpoint its exact location. By analyzing, timing and measuring leak sound waves simultaneously from two monitoring points, the leak's approximate location is pinpointed with unmatched consistenty.

Water Main and Valve Location: All of the water main and service connections are accurately located near every leak location. This helps insure that every survey leak is pinpointed as accurately as possible. All utility line location work is expertly performed with Radiodetection RD7000, RD8000 High Performance Utility Location Systems, Schonstedt, CTS Berger and Radiodetection Ferromagnetic Metal Locators.

"X" Marks the Spot: The pinpointed location of every mainline, service line and valve leak will marked in the field with spray marking paint with an "X". The exceptions are homeowner's side service leaks and hydrant leaks. A "Leak Location Report" form documents the location and type, characteristics of every pinpointed leak.

Leak Location Reports: This is a leak site specific individual report form that details the exact location and characteristics of each pinpointed leak. These forms are submitted periodically as the leaks are pinpointed. You will provide leak repair information updates, noted on the leak report and given to ATS. This will be used to calculate water loss and revenue recovery data for the Final Report.

Inaccessible Points & Map Discrepancies: A list of all appurtenances that are found to be inaccessible or visually un-locatable will be submitted to the Village. ATS can return to check it, once that point has been located and/or prepared for us. We never know when we will encounter a leak that is only detectable at one listening point. This added measure will help ensure that every detectable leak is detected and pinpointed accurately.

Final Report: Three (3) copies of a comprehensive FINAL SURVEY REPORT will be submitted after the completion of the survey. Additional copies are available upon request. These reports detail all our survey activities and findings, including but not limited to; estimated & calculated leak sizes, revenue recovery calculations for each leak, area maps showing leak locations, leak location reports, general observations and recommendations. The Final Report will be submitted within 30 days of ATS's receipt of leak repair information.

Initiating the Survey: We will need your verbal authorization followed by your purchase order and / or signed ATS leak survey contracts. Please call our office to initiate your survey or schedule your pre-survey meeting, (if desired).

Yours Truly,
Associated Technical Services Ltd.

Marcie A. Kaplar
Survey Manager

BASIC SCHEDULE OF PRICES

LEAK DETECTION & LOCATION SURVEYS

(Survey Area to be defined by Village)

1. Minimum Leak Survey - 10,000 Lineal Feet of Water Main = $ _____

1a. Survey Areas over 10,000 Lineal Feet of pipe will be priced as follows:

More than	But less than	Unit Price Per Lineal Foot
10,000 LF	19,999 LF	$ _____
20,000 LF	39,999 LF	$ _____
40,000 LF	59,999 LF	$ _____
60,000 LF	79.999 LF	$ _____
80,000 LF	99,999 LF	$ _____
100,000 LF	or More	$ 0.027 _____.

1b) LOCATION:

$ 395.00 per leak that is determined to be a leaking Watermain or Service line.

$ 95.00 flat fee for every pinpointed Hydrant Leak and Valve Leak.

2. MOBILIZATION & MILEAGE: - MILEAGE IS WAIVED WHILE SURVEY IS IN PROGRESS

$ 1.75 per mile - Round Trip from ATS Office to the Project Site and back

TERMS: Payment is due by date noted on your invoice. ATS will, at its discretion, submit periodic invoices based upon the percentage of completion of the project. ATS also reserves the right to determine the percentage of completion for billing purposes.

PLEASE NOTE: All prices are based upon utmost cooperation and advance preparation by the Owner. For example, accurate plans, knowledge of the water system and making all appurtenances accessible to our survey crews. See Section II of the attached "General Conditions for Leak Surveys" for a detailed listing of responsibilities of ATS and the Owner. ATS reserves the right to adjust the "Basic Schedule of Prices" if preliminary field investigation of the survey reveals extraordinary, hazardous or otherwise adverse conditions.

GENERAL CONDITIONS

LEAK DETECTION & LOCATION SURVEYS

Responsibility of ATS / Associated Technical Services Ltd.

A) Two-Person crew qualified to operate the ATS Leak Detection & Location System.

B) The "ATS Leak Detection & Location System" consists of:

- FCS S30 and FCS S20 Ultrasonic Leak Surveyor Instruments (Leak Detection Phase)
- FCS/Fluid Conservation Systems and Sewerin Leak Noise Correlators (Leak Location Phase)
- FCS and Sewerin Ultrasonic Preamplifiers (Leak Location Phase)
- FCS, Wilcoxen, Vibrometer, Sewerin Accelerometers, Gas Sensors, Hydrophone Sensors
- Radiodetection RD7000 and RD8000 Utility Location Systems; CST Berger, Fisher, Schonstedt and Radiodetection Ferro Magnetic Location Equipment for buried valve enclosures.

C) "ATS Leakmobile" - Van with self-contained power supply and /or capability of operating from an alternate VAC 60 Hz source, or suitable alternate vehicle at the discretion of ATS.

D) Mobilization / Mileage – Round Trip, Portal-to-Portal and On-Site.

E) On-Site Consultation with Owner or their representatives as necessary.

F) The entire area designated by the Village shall be surveyed for leakage. Detected leaks shall be pinpointed only on the part of the water system maintained by the Village. Unless it is previously specified and ordered, customer service line leaks will only be pinpointed up to the municipal side of the curb stop. Leaks on the customer side of the curb stop require a separate appointment. Your customer can contact ATS and schedule a service call.

G) Only those leaks that are detected by the ATS Leak Survey are to be included in the pinpointing phase of this contract. Pinpointing of any incidentally or coincidentally occurring leakage, main breaks or previously known leakage that was not initially included in our proposal or as a part of this agreement will be charged at our normal rates for scheduled / emergency service call-outs.

H) ATS will establish and mark the location of a leak in the field with marking paint and/or a field stake along with an individual ATS Leak Location Report.

I) Whenever conditions dictate the necessity of safety precautions, ATS will provide basic traffic warning equipment and traffic control and re-direction, cones and flagmen on an as-needed basis. ATS Work Zone Safety Equipment includes but is not limited to safety vests, vehicle arrow boards, strobe warning lights and safety cones that are always used whenever our vehicles are parked during the leak survey, on residential and other light or slower traffic areas.

GENERAL CONDITIONS FOR LEAK SURVEYS

RESPONSIBILITY OF OWNER

The Owner will insure easy access to all main line valves, valve boxes or other strategically necessary access points. This may also include exposing and cleaning out auxiliary valves and b-boxes on an as-needed basis if they will facilitate the accurate confirmation and pinpointing of a detected leak. This could include: breaking loose needed valve covers; pumping water out all valve vaults and boxes and, if necessary, removing debris from those enclosures to make the valves and adjoining pipelines accessible. The Owner will also make access available to any point or location strategically needed by ATS to perform said work at the discretion of ATS.

- If the Owner orders leak pinpointing between the curb stop and the customer's building, the Customer shall be responsible for contacting ATS. Pinpointing can be performed on a weekday during regular business hours without incurring overtime charges.

- The Owner will make available to ATS all available location maps, schematics, as-built drawings, final reports from previous leak surveys, and any other data pertaining to the area being surveyed.

- The Owner will make available knowledgeable, qualified personnel for consultation and assistance regarding the Owner's water system.

- Identify the authorized representatives of the Owner to act on behalf of the Owner and sign ATS agreements, purchase orders, additional work orders and provide contact information for ATS to check in with the Village daily.

- Give ATS right of access, and necessary identification required, and notify appropriate authorities (Police, Fire Dept., Public Works Dept., etc.) as needed of program underway.

- The Owner will provide Traffic Warning Equipment, Traffic Control and Re-Direction with Flagmen on an as-needed basis, should conditions dictate the necessity of this safety precaution. Instances such as a lane closure in a heavy traffic area may require hiring the services of a Work Zone Safety Vendor to provide the necessary traffic control equipment such as barricades, warning lights, arrow panels and temporary barriers. The Owner must approve any use of a Work Zone Safety Vendor in advance. Owner will be responsible for the costs of the Work Zone Safety Vendor.

- Owner's repair crews shall make a reasonable effort to provide ATS with accurate leak repair information whenever this data is available. Repair data should detail the following: Date of repair; type of leak; approximate size and shape of the leak orifice; approximate water pressure; and method of repair. This information is necessary for ATS to make leak size, water loss and revenue recovery calculations for a comprehensive "Leak Survey Final Report".

Please Note: ATS does not guarantee the detection or accurate pinpointing of a leak or leaks but does assure that a best effort in that regard will be put forward.

Certain input data to the ATS Leak Detection & Location System is based upon information received from the Owner. The accuracy of the Owner's data will directly affect the results of the Leak Survey. ATS will attempt to verify such data by consultation with the Owner and thereupon will have a right to rely upon the accuracy of the Owner's data. ATS is not liable for any costs to the Owner as a result of incomplete or inaccurate data supplied by the Owner or their representatives.

ATS Experience, Manpower and Equipment

- In 1979, ATS became the first company in America to use leak noise correlators.
- ATS developed the correlator-based leak survey procedures and methodology that are considered to standard of the industry and subsequently taught by FCS and ATS.
- Every ATS field technician is fully trained and experienced in a wide range of applications. we only use top of the line – state of the art equipment for all phases of leak detection and location procedures; field strategies and locating all types of underground utilities.
- ATS Crew Chiefs average over 15 - 30 years of Correlator Based Leak Survey Experience.
- Leading correlator manufacturers, FCS/Fluid Conservation Systems and Palmer, have relied on ATS to perform beta testing of new equipment and software developments. ATS has trained some of FCS' key staff members and provides training assistance for new personnel.
- All phases of an ATS Leak Survey are performed with a Two-Person Crew, when needed.
- ATS has a fleet of dedicated surveyor vehicles that are fully equipped with correlator systems; Utility Location Equipment and every tool needed to perform leak detection and location in all types of conditions.
- No other Leak Surveyor matches up to ATS' Level of experience, accuracy and results.

Leak Survey Equipment: ATS uses the best equipment available on the market today. Here are some of the key components we use to equip our ATS Leakmobile.

Leak Detection Phase

FCS S-30 Ultrasonic Leak Surveyors
FCS S-20 Ultrasonic Leak Surveyors

Leak Location Phase

FCS TriCorr Touch Leak Noise Correlators
FCS / Palmer Accu-Corr Correlators
FCS C9090 Leak Noise Correlators
FCS C2000 Leak Noise Correlators
Sewerin SeCorr Correlators

Transducers (Sensors)

Various piezo-electric accelerometers, Hydrophones and Gas Sensors are used depending upon the situation and sensitivity that is needed to find the leak.

Correlator Preamplifiers

FCS MP-90 Ultrasonic Preamplifiers
Sewerin SeCorr 08 Preamplifiers

Utility Location Equipment

All suspect water main and adjacent water service lines are electronically traced prior to leak location, to ensure accuracy.

Trimble TDS Recon GPS Locator
Magellan CX Professional GPS Locator
Radiodetection RD8100 Receivers
Radiodetection RD7100 Receivers
Radiodetection RD8100 TX10 Transmitters
Radiodetection RD7100 TX10 Transmitters
CST Berger RD316 Metal Locators
Fisher FPID 2100 Metal Locators
Schonstedt GA-52CX Metal Locators

Valve Operation & Assessment Systems

EH Wachs ERV-750 / TM-7 / VMT-1 Systems
On-Board Survey-Grade Trimble GPS
VITALS Complete Documentation Software
Fire Hydrant Assessment, Flow Testing, Exercising; and Water Main Flushing

ASSOCIATED TECHNICAL SERVICES LTD 524 W. ST. CHARLES RD. VILLA PARK, IL

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KNOWN BY THE COMPANY WE KEEP

The clients for whom ***ATS*** has worked provide the best reference as to the expertise of ***ATS*** manpower, superior results and unmatched accuracy of ***ATS Leak Detection & Location Surveys***. ***ATS*** surveys thousands of miles of water main and pinpoints thousands of leaks every year. The year of each city's ***ATS Leak Survey*** and other firms they've used are listed. We would be pleased to provide you with more references and specific details about every ***ATS Leak Survey*** that's listed here and those that are not on this list.

Lake County Public Works (S)
Rod Worden, PE, Director of Public Works
847.377.7125
(ATS Surveys: 2011, 2013 - 15 water systems)

Village of Plainfield
Allen Persons, Director of Public Works
815.436.3577
(ATS Annual Surveys: 1985 – 2011)

Village of Palatine (P)
Jim Vlcek, Coordinator, Utilities Division
847.705.5200
(ATS Annual Surveys: 2002 - 2010)

City of St. Charles (S, W)
Tim Wilson, Environmental Services Manager-PW
630.377.4405
(ATS Annual Surveys: 1990 - 2017)

City of Aurora (E, P)
Ken Schroth, Public Works, City Engineer
630.256.3200
(ATS Surveys: 1996, Annually from 1999 - 2010)

Village of Hillside
Joe Pisano, Director of Public Works
708.449.6450
(ATS Bi-Annual Surveys: 1988 - 2012)

Village of Villa Park (E,S,P,W)
Vydas Juskellas, Director of Public Works
630.834.8505
(ATS Annual Surveys: 1992-96, 2000-05, 2011-12)

Village of Shorewood
Chris Drey, Supt. of Public Works
815.725.4464
(ATS Annual Surveys: 2006 - 2017)

Village of Midlothian (S)
Joe Sparrey, Supt. of Public Works
708.389.9658
(ATS Surveys: 1984, 2010, 2011)

City of Rolling Meadows
Dan Seveska, Utilities Foreman
847.963.0500 ext. 7022
(ATS Annual Surveys: 1982 - 2013)

Village of La Grange Park (O)
Brendan McLaughlin, Director of Public Works
708.352.2922 ext. 100
(ATS Annual Surveys: 1981 - 2017)

Village of Elmwood Park (P)
Dino Braglia, Water Superintendent
708.452.7300
(ATS Annual Surveys: 1986-1989, 2005 - 2017)

Village of Bellwood (P, O)
Marty Walker, Water Supervisor
708.547.3541
(ATS Annual Surveys: 1994 - 2013)

Village of Barrington
Phil Freund, Utility Supervisor
847.304.3360
(ATS Annual Surveys: 1993-96, 2001-2007, 2011-12)

Village of Wauconda (O)
Jacob Mann, Foreman – Water Division
847.526.9704
(ATS Survey: 2010, 2011, 2012, 2017)

City of New Lenox
Mark Brow, Water Superintendent
815.215.4822
(ATS Surveys: 1999, 2010, 2011, 2012, 2017)

Village of Grayslake
Chuck Bodden Jr, Director of Public Works
847.223.2867
(ATS Survey: 2011) Found over 1.3 MGD

Village of La Grange (S,P,W)
Mike Bojovic, Asst. Director of Public Works
708.579.2325
(ATS Surveys: 1989, '94, '98, 2000, 2001, 2011, 2013)

Legend: (E) = Earth Tech *(Rust Environmental, Donahue)****; (P) = ADS Environmental Services*** *(Severn Trent, Pitometer)****;***
(S) = ME Simpson; (W) = Water Services; (O) = Others

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Established 1979

"KNOWN BY THE COMPANY WE KEEP"

The following companies have benefited from the same professional high technology services that ATS can provide for you. We therefore proudly list these fine companies as references.

AT&T Bell Laboratories
Abbott Laboratories
Albertsons
Alberto Culver Co.
Alcoa Aluminum
Allstate Insurance Co.
Amway Corp.
American Airlines
Amoco Chemical Corp.
Amtrak
Argonne National Laboratories
Arlington Park Int'l Race Track
Benjamin Moore & Co.
Bennett & Kahnweiler
Bliss & Laughlin Steel Co.
Borden, Inc.
Borg Warner
Brookfield Zoo
Brach & Sons Candy Co.
Burlington Northern R.R.
Cambridge Homes
Canfield's Beverage Co.
Cargill Inc.
Carson Pirie Scott & Co.
Carus Chemical Co.
Center Point Properties
Chicago Bridge & Iron
Chicago & Northwestern R.R.
Clorox Co.
College of DuPage
College of Lake County
Commonwealth Edison
Comcast
Corn Products
Del Webb Communities
Dominic's Finer Foods
Dow Chemical
Dresden Nuclear Power Station
DuPont
Electro-Motive Div. of GM
Exelon Corporation
Exxon Corporation
Federal Aviation Administration
Factory Mutual Insurance
Fermilab Accelerator Laboratory
Field Museum of Natural History
Ford Motor Company
Fort Sheridan Military Base
First Brands Corp.
FSC Paper Co.
General Electric
General Foods
General Mills
General Motors Corporation
Gould Electronics Inc.
Governors State University
Great Lakes Naval Training Ctr.
Grinnel Fire Protection
Helene Curtis Industries
Harper Rainey College
Hines VA Hospital
Holiday Inn Corp.
Hyatt Hotels
Illinois E.P.A.
Illinois American Water Co.
Industrial Risk Insurance
Inland Steel
Inland Const. & Development
Jewel Food Stores
Kemper Insurance
Kinder Morgan
Kraft Foods
La Rabida Children's Hospital
Lewis University
Lincoln Park Zoo - Chicago
Lockheed Air Terminals, Inc.
Loyola University
Loyola University Medical Ctr.
LTV Steel & LTV Aerospace
Lucent Technologies
Macy's Inc.
Masonite Corporation
McDonald's Corporation
M&M Mars Candy Inc.
Marathon Oil Company
Marriot Hotels
McGraw Edison Company
USGA & PGA Championships
Merck Pharmaceutical
Michael Reese Hospital
Midway Airport
Midwest Generation
Mobil Oil Corporation
Morton Arboretum
Motorola
Museum of Science & Industry
Nabisco
Nalco Chemical Co.
Navy Pier, Chicago
Nestle
NICOR
Northrop Grumman Corporation
Northern Telecom
Northwestern University
Northwestern Univ. Medical Ctr.
O'Hare International Airport
Olin Corporation
Palos Community Hospital
Pepper Construction
Pepsi Co.
Pfizer Inc.
Praxair Inc.
Purdue University
PPG Industries
Quaker Oats Co.
Reynolds Metals
Revere Ware Corp.
Rockwell
Rust-Oleum Corporation
Safety Kleen
Sante Fe Railway
Scott Airforce Base
S-K Hand Tool Corp.
Sargent Welch Scientific
John G. Shed Aquarium
Sherwin Williams Co.
Shell Oil Company
State Farm Insurance
Tootsie Roll Inc.
Toys R Us
Toyota Motors Corp.
Trammell Crow Corp.
Unichema
Unicom Thermo Technologies
Union Carbide Corp.
Union Pacific Railroad
United Airlines
United Parcel Service
Unocal Crop.
US Gypsum
US Steel
US Postal Service
US Army
US Air Force
US Navy
University of Chicago
University of Illinois
University of Wisconsin
Von Maur Department Stores
Walgreens
Waste Management
US Cellular Field (White Sox)
Wrigley Field (Cubs)
Wrigley Gum Co.
Xerox Corporation
Zenith Electronics Corp.

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