

Agenda
Village of Glen Ellyn
Village Board Workshop
Monday, January 30, 2012
6:30 P.M.
Galligan Board Room
Glen Ellyn Civic Center

	Minutes
1. Call to Order	
2. District 87 Variation Requests	
a. Welcome and Roll Call	5
b. Public Comment Continued	85
3. CMAP Grant Request for Proposal Presentation – Planning and Development Director Hulseberg (if time permits)	
4. Other Items?	
5. Motion to adjourn to Village Board Meeting (<i>Trustee McGinley</i>)	

MEMORANDUM

TO: Mark Franz, Village Manager

FROM: Staci Hulseberg, Planning and Development Director
Michele Stegall, Village Planner *MJS* *SH*

DATE: January 12, 2012

RE: Memorial Field Variation Requests



Background. Glenbard Township High School District 87, owner of Memorial Park (aka Memorial Field) located at 671 Crescent Boulevard is requesting approval of variations from the Glen Ellyn Zoning Code to accommodate new impervious surfaces, bleachers, fencing, an ornamental gate, batting cage and lights. In 2010, the School District received approval of variations by the adoption of Ordinance 5888 to allow the construction of new dugouts, sidewalks and a paver path and patio. A new turf field was also installed around this time. The currently requested variations would accommodate the next phase of improvements.

In accordance with Section 10-10-16 of the Zoning Code, zoning approvals are valid for 18 months, unless the Village Board extends the length of the approval by Ordinance. The School District is requesting that, if approved, the currently requested variations be valid for 5 years in order to allow the District to phase in the improvements. The Village has allowed an extended timeframe for phased projects in the past. To the best of staff's knowledge, an anticipated construction schedule for the improvements has not yet been established.

The subject property is located on the south side of Crescent Boulevard between Park Boulevard and Park Row in the CR Conservation Recreation District. The site is comprised of 8.1 acres. The surrounding zoning and land uses are as follows:

	<u>Land Use</u>	<u>Zoning</u>
North:	Glenbard West High School	R2
South:	Railroad, Prairie Path, Residential	CR, R4, R2
East:	Single-Family	R2
West:	Commercial	C5B

To accommodate the project, the School District is specifically requesting approval of the following zoning variations.

1. A variation from Section 10-5-5(B)4(3) of the Zoning Code to allow an ornamental gate with a height of 14 feet in lieu of the maximum height of 10 feet permitted.
2. A variation from Section 10-5-5(B)4(11) to allow a fence along Crescent Boulevard with a height of 6 feet 6 inches in lieu of the maximum height of 4 feet permitted.

3. A variation from Section 10-5-5(B)4(32) of the Zoning Code to allow a batting cage with a setback of 1 foot from the southern property line in lieu of the minimum setback of 58.14 feet required.
4. A variation from Section 10-5-5(C)1 of the Zoning Code to allow an impervious surface setback of as little as 7.5 feet for a proposed sidewalk along the southern property line and 0 feet to accommodate the base for the bleachers proposed along the northern property line in lieu of the minimum impervious surface setback of 29.07 feet required.
5. A variation from Section 10-5-4(A)2(a) to allow a total of 4,268 square feet of accessory structures on the property in lieu of the maximum of 1,000 square feet of accessory structures permitted (*amendment to previous variation approved by Ordinance 5888*).
6. Variations from Sections 10-5-4(A)4(a) and 10-5-4(A)4(c) of the Zoning Code to allow bleachers to be located 0 feet from the northern property line in lieu of the minimum 18 foot and 29.07 foot accessory structure setbacks required.
7. A variation from Section 10-5-13(M)2(b)1 of the Zoning Code to allow 70 foot tall light poles to be spaced as close as 210 feet apart in lieu of the minimum separation of 280 feet required; to allow 70 foot tall and 60 foot tall light poles to be spaced as close as 106 feet apart in lieu of the minimum separation of 260 feet required; to allow 60 foot tall light poles to be spaced as close as 78 feet apart in the lieu of the minimum separation of 240 feet required; and to allow 60 foot tall and 70 foot tall light poles to be spaced as close as 23 and 37 feet apart respectfully from the existing 30 foot tall tennis court light poles in lieu of the minimum separation of 180 feet and 200 feet required.
8. A variation from Section 10-5-13(M)2(a)2 of the Zoning Code to allow foot-candle levels as high as 8.49 along the southern property line and 7.32 along the northern property line in lieu of the maximum foot-candle level of 3.0 permitted.
9. A variation from Section 10-5-13(M)2(c) to allow the height of the proposed light poles to exceed the height of the approximately 30 foot tall principal building on the site.

The attached Plan Commission staff report includes a brief summary of the proposed improvements. More detailed information about the requests can be found in the petitioner's application packet.

Issues. A majority of the comments submitted to the Plan Commission and testimony presented at the hearings related to the variation requests for the proposed lights. The main concerns of those in opposition to the requests related to character, noise, pedestrian safety and traffic safety. A wealth of information was submitted by the petitioner and public about these issues. All of the documents submitted to the Plan Commission are attached. Police Chief Norton and Village lighting consultant James Darnell addressed questions from the Commission related to many of these issues. Their testimony can be found in the November 30, 2011 transcripts. A memorandum from James Darnell is also attached. Mr. Darnell plans to attend the January 23, 2011 and January 30, 2011 Village Board meetings in the event there are any questions for him from the Village Board.

Another issue raised by some opposing the requests relates to the Village's interpretation of the zoning regulations for "Sport Courts". These regulations were adopted on January 22, 2007 and were intended to address issues with hard surface courts being installed in the backyards of single-family homes. Some of those opposing the requests have argued that the Sport Court regulations should apply to the turf field. Staff plans to bring forward a text amendment in the near future to clarify the Code to better reflect the intent of these regulations.

Recommendation. The Plan Commission considered the requested variations at a total of 11 public meetings and hearings held on August 25, 2011, September 8, 2011, September 22, 2011, September 29, 2011, October 12, 2011, October 20, 2011, October 27, 2011; November 16, 2011, November 17, 2011, November 30, 2011 and December 20, 2011. This is the most meetings on a request that we are aware of. Throughout the course of the public hearings, a total of 21 individuals, including representatives from Our Field Our Town, spoke in opposition to the requests and 22 people spoke in favor of the request. One person spoke and made general comments about the application but was neither in favor nor against. Correspondence was also received from 75 individuals in favor to the request and 29 individuals in opposition of the request. An additional 10 people sent in general correspondence neither in favor of nor in opposition to the application. Some of the individuals that spoke at the meetings also submitted correspondence and a handful of individuals submitted more than one letter or email. Resolutions from the Historic Preservation Commission and Environmental Commission opposing the requests were also submitted and a resolution in support of the requests was submitted by the Glenbard West Boosters. All of the submitted correspondence and resolutions are attached along with copies of the minutes and transcripts from the 11 Plan Commission meetings. Four additional letters, one in favor and three in opposition, have been received since the December 20, 2011 Plan Commission meeting and are attached. Also attached are copies of the various PowerPoint presentations and other materials presented at the Plan Commission meetings. An audio recording of noise at the field is also available if any Trustees would like to hear it.

After considering all of the evidence submitted and testimony presented, the Plan Commission recommended approval of the requests by way of 4 separate votes. Variation 1 above related to the height of the gate was also recommended for approval by a vote of 7-2. Variation 2 related to the height of the fence was recommended for approval by a vote of 7-2. Variations 3-6 related to the impervious surfaces, bleachers, batting cage and total area of accessory structures were recommended for approval by a vote of 8-1. Variations 7-9 related to the lights were recommended for approval by a vote of 6-3. The Plan Commission recommended that the variations for the lights be approved subject to the following conditions:

- A. The improvements shall be constructed in substantial conformance with the plans as submitted and the testimony presented at the August 25, 2011; September 8, 2011; September 22, 2011; September 29, 2011; October 12, 2011; October 20, 2011; October 27, 2011; November 16, 2011; November 17, 2011; and November 30, 2011 public hearings before the Plan Commission.
- B. The lights shall not be used on evenings when the field is not in use.
- C. The lights shall be turned off no later than 9:00 p.m. on any evening that the lights are permitted to be used.

- D. The lights shall not be used on Saturday or Sunday nights.
- E. The lights shall not be used between June 1 and August 14 of each year.
- F. The lights shall not be used by any third party user.
- G. The School District shall form an advisory group which shall include school district administrative staff, a Village representative and residents from the surrounding area to discuss any issues related to the use of the property that may impact the surrounding property owners. The advisory group shall meet a minimum of once a year and, at their discretion, may choose to meet more often. Minutes from all such advisory group meetings shall be promptly shared with the Village.
- H. The lights shall not be used in the morning prior to the start of the school day.
- I. No amplification/sound system shall be used after 7:00 p.m. when the lights are being used.

The Commission also discussed another potential condition requiring the installation of additional landscaping along the southern property line which would include the use of evergreens. The Commission eventually agreed to leave this as a suggestion rather than a recommended condition of approval, but requested that the Village Board be made aware that this suggestion was made to the School District.

Action Requested. The Village Board may approve, approve with conditions or deny the petitioner's requests for approval of the requested zoning variations. In accordance with the Plan Commission's recommendation a draft Ordinance has been prepared approving the requests.

Attachments: Draft Ordinance Approving Requests

DRAFT

Village Of Glen Ellyn

Ordinance No. _____

An Ordinance Approving Variation Requests to Allow Improvements to Memorial Park Located at 671 Crescent Boulevard to Accommodate New Impervious Surfaces, Bleachers, Fencing, an Ornamental Gate, Batting Cage and Lights and Amending Ordinance 5888 to Allow an Increase in the Total Square Footage of Accessory Structures on the Property Glen Ellyn, Illinois 60137

**Adopted by the
President and the Board of Trustees
of the Village of Glen Ellyn
DuPage County, Illinois
This ____ Day of _____, 20 ____.**

Published in pamphlet form by the authority of the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, this ____ day of _____, 20 ____.

Ordinance No. _____

An Ordinance Approving Variation Requests to Allow Improvement to Memorial Park Located at 671 Crescent Boulevard to Accommodate New Impervious Surfaces, Bleachers, Fencing, an Ornamental Gate, Batting Cage and Lights and Amending Ordinance 5888 to Allow an Increase in the Total Square Footage of Accessory Structures on the Property Glen Ellyn, Illinois 60137

Whereas, Glenbard High School District 87, owner of Memorial Park located on property commonly known as 671 Crescent Boulevard, is requesting approval of the following variations from the Glen Ellyn Zoning Code:

1. A variation from Section 10-5-5(B)4(3) of the Zoning Code to allow an ornamental gate with a height of 14 feet in lieu of the maximum height of 10 feet permitted;
2. A variation from Section 10-5-5(B)4(11) to allow a fence along Crescent Boulevard with a height of 6 feet 6 inches in lieu of the maximum height of 4 feet permitted;
3. A variation from Section 10-5-5(B)4(32) of the Zoning Code to allow a batting cage with a setback of 1 foot from the southern property line in lieu of the minimum setback of 58.14 feet required;
4. A variation from Section 10-5-5(C)1 of the Zoning Code to allow an impervious surface setback of as little as 7.5 feet for a proposed sidewalk along the southern property line and 0 feet to accommodate the base for bleachers proposed along the northern property line in lieu of the minimum impervious surface setback of 29.07 feet required;
5. An amendment to the variation from Section 10-5-4(A)2(a) of the Zoning Code previously granted by Ordinance 5888 to allow a total of 4,268 square feet of accessory structures on the property in lieu of the maximum of 1,000 square feet of accessory structures permitted;
6. Variations from Sections 10-5-4(A)4(a) and 10-5-4(A)4(c) of the Zoning Code to allow bleachers to be located 0 feet from the northern property line in lieu of the minimum 18 foot and 29.07 foot accessory structure setbacks required;
7. A variation from Section 10-5-13(M)2(b)1 of the Zoning Code to allow 70 foot tall light poles to be spaced as close as 210 feet apart in lieu of the minimum separation of 280 feet required; to allow 70 foot tall and 60 foot tall light poles to be spaced as close as 106 feet apart in lieu of the minimum separation of 260 feet required; to allow 60 foot tall light poles to be spaced as close as 78 feet apart in the lieu of the minimum separation of 240 feet required; and to allow 60 foot tall and 70 foot tall light poles to be spaced as close as 23 and 37 feet apart respectfully from the existing 30 foot tall tennis court light poles in lieu of the minimum separation of 180 feet and 200 feet required;

8. A variation from Section 10-5-13(M)2(a)2 of the Zoning Code to allow foot-candle levels as high as 8.49 along the southern property line and 7.32 along the northern property line in lieu of the maximum foot-candle level of 3.0 permitted; and
9. A variation from Section 10-5-13(M)2(c) to allow the height of the proposed light poles to exceed the height of the approximately 30 foot tall principal building on the site; and

Whereas, the above variations are being requested to allow improvements at Memorial Park including new impervious surfaces, bleachers, fencing, an ornamental gate, batting cage and lights; and

Whereas, the subject property is located in the CR Conservation Recreation zoning district and is bounded by Crescent Boulevard to the north, the Union Pacific railroad to the south, Park Row to the East and Park Boulevard to the west; and

Whereas, the property is legally described as follows:

PARCEL ONE:

LOT 17 IN COUNTY CLERK'S THIRD ASSESSMENT DIVISION IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NUMBER 88053, IN DUPAGE COUNTY, ILLINOIS.

PARCEL TWO:

BLOCK 6 IN WOODTHORP, BEING A SUBDIVISION IN THE SOUTHEAST QUARTER OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JUNE 2, 1926 AS DOCUMENT NUMBER 214660, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 05-11-410-014; and

Whereas, following due and proper publication of notice in the Daily Herald not less than fifteen (15) nor more than thirty (30) days prior thereto, and following written notice to all property owners within 250 feet, and following the placement of a placard on the subject property not less than fifteen (15) days prior thereto, the Plan Commission of the Village of Glen Ellyn conducted a total of eleven (11) public hearings and meetings on August 25, 2011, September 8, 2011, September 22, 2011, September 29, 2011, October 12, 2011, October 20,

2011, October 27, 2011; November 16, 2011, November 17, 2011, November 30, 2011 and December 20, 2011 at which hearings/meetings the Plan Commission considered the requested Zoning Variations; and

Whereas, at the aforementioned public hearings/meetings of the Plan Commission 21 people spoke in opposition to the requests, 22 people spoke in favor of the request and one person spoke and made general comments about the application. Correspondence was also received from 75 individuals in opposition to the request, 29 individuals in favor of the request and 10 letters/emails were received neither in favor of nor in opposition to the application. Resolutions both in favor of and in opposition to the requests were also submitted by different groups; and

Whereas, after having considered the evidence presented, including the exhibits and materials submitted, the Plan Commission made its findings of fact and recommendations as set forth in the minutes of the Glen Ellyn Plan Commission dated December 20, 2011, a copy of which is attached hereto as Exhibit "K", and

1. By a vote of 7 "yes" and 2 "no," the Plan Commission recommended approval of the requested Variation from Section 10-5-5(B)4(3) of the Zoning Code to allow an ornamental gate with a height of 14 feet in lieu of the maximum height of 10 feet permitted;
2. By a vote of 7 "yes" and 2 "no" the Plan Commission recommended approval of the requested Variation from Section 10-5-5(B)4(11) of the Zoning Code to allow a fence along Crescent Boulevard with a height of 6 feet 6 inches in lieu of the maximum height of 4 feet permitted;
3. By a vote of 8 "yes" and one "no" the Plan Commission recommended approval of the requested Variations from:
 - a. Section 10-5-5(B)4(32) of the Zoning Code to allow a batting cage with a setback of 1 foot from the southern property line in lieu of the minimum setback of 58.14 feet required;
 - b. Section 10-5-5(C)1 of the Zoning Code to allow an impervious surface setback of as little as 7.5 feet for a proposed sidewalk along the southern property line and 0 feet to

accommodate the base for bleachers proposed along the northern property line in lieu of the minimum impervious surface setback of 29.07 feet required;

- c. An amendment to the variation from Section 10-5-4(A)2(a) of the Zoning Code previously granted by Ordinance 5888 to allow a total of 4,268 square feet of accessory structures on the property in lieu of the maximum of 1,000 square feet of accessory structures permitted; and
 - d. Sections 10-5-4(A)4(a) and 10-5-4(A)4(c) of the Zoning Code to allow the northern bleachers to be located 0 feet from the northern property line in lieu of the minimum 18 foot and 29.07 foot accessory structure setbacks required; and
4. By a vote of 6 “yes” and 3 “no”, the Plan Commission recommended approval of the requested Variations from:
- a. Section 10-5-13(M)2(b)1 of the Zoning Code to allow 70 foot tall light poles to be spaced as close as 210 feet apart in lieu of the minimum separation of 280 feet required; to allow 70 foot tall and 60 foot tall light poles to be spaced as close as 106 feet apart in lieu of the minimum separation of 260 feet required; to allow 60 foot tall light poles to be spaced as close as 78 feet apart in the lieu of the minimum separation of 240 feet required; and to allow 60 foot tall and 70 foot tall light poles to be spaced as close as 23 and 37 feet apart respectfully from the existing 30 foot tall tennis court light poles in lieu of the minimum separation of 180 feet and 200 feet required;
 - b. Section 10-5-13(M)2(a)2 of the Zoning Code to allow foot-candle levels as high as 8.49 along the southern property line and 7.32 along the northern property line in lieu of the maximum foot-candle level of 3.0 permitted;
 - c. Section 10-5-13(M)2(c) to allow the height of the proposed light poles to exceed the height of the approximately 30 foot tall principal building on the site; and

Whereas, the Village President and Board of Trustees have reviewed the evidence, exhibits and materials presented at the August 25, 2011, September 8, 2011, September 22, 2011, September 29, 2011, October 12, 2011, October 20, 2011, October 27, 2011; November 16, 2011, November 17, 2011, November 30, 2011 and December 20, 2011 public hearings and meetings before the Plan Commission and have considered the findings of fact and recommendations of the Plan Commission; and

Whereas, the President and Board of Trustees further considered the requests at public meetings on January 23, 2012 and January 30, 2012; and

Whereas, based on the recommendation of the Plan Commission and a review of the

evidence, materials and testimony presented, the Village President and Board of Trustees have determined that granting the requested Zoning Variations is consistent with the goals of the Glen Ellyn Zoning Code.

Now, Therefore, be it Ordained by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

Section One: The August 25, 2011, September 8, 2011, September 22, 2011, September 29, 2011, October 12, 2011, October 20, 2011, October 27, 2011; November 16, 2011, November 17, 2011, November 30, 2011 and December 20, 2011 minutes of the Glen Ellyn Plan Commission are hereby attached for reference as Exhibits "A-K".

Section Two: Based on upon a review of the evidence, exhibits and materials presented at the eleven (11) public hearings and meetings before the Plan Commission and the subsequent meetings of the Village Board, the Village Board hereby adopts the findings of fact for the requested variations set forth in Exhibit "L" attached hereto.

Section Three: Based upon the findings of fact attached hereto as Exhibit "L", the Village President and Board of Trustees hereby grant approval of the requested Zoning Variations to allow improvements at Memorial Park including new impervious surfaces, bleachers, fencing, an ornamental gate, batting cage and lights.

Section Four: This grant of approval of the requested Zoning Variations is subject to the following conditions:

- A. The project shall be constructed and maintained in substantial conformance with the plans submitted and the testimony presented at the August 25, 2011, September 8, 2011, September 22, 2011, September 29, 2011, October 12, 2011, October 20, 2011, October 27, 2011; November 16, 2011, November 17, 2011, November 30, 2011 Plan Commission public hearings and with the petitioner's application packet stamped received August 11, 2011 including the following plans and documents as though they were attached to this Ordinance:

1. Cover Letter from Chris McClain revised August 9, 2011
2. Narrative Statement/Use Description revised August 9, 2011
3. Application for Variation revised August 9, 2011
4. Quantitative Summary revised August 9, 2011
5. Evidence Related to Zoning Code Standards for a Variation revised August 9, 2011
6. Softball Field Photometric Plan dated July 18, 2011
7. Blanket Grid Photometric Plan dated July 18, 2011
8. Football Field Photometric Plan dated July 18, 2011
9. Soccer Field Photometric Plan dated July 18, 2011
10. Crescent Boulevard Spill Photometric Plan dated July 18, 2011, a reduced copy of which is attached hereto as Exhibit "M"
11. Property Line Spill Photometric Plan dated July 18, 2011, a reduced copy of which is attached hereto as Exhibit "N"
12. Property Line 5' Offset Photometric Plan dated July 18, 2011
13. Musco Light Fixture Cut Sheets, a copy of which is attached hereto as Exhibit "O"
14. Bleacher Section and Plan dated May 12, 2011, a copy of which is attached hereto as Exhibit "P"
15. Field Lighting Information a copy of which is attached hereto as Exhibit "Q"
16. Field Lighting Reflector Design prepared by Musco Lighting
17. Dimensional Control and Paving Plan revised May 12, 2011 a copy of which is attached hereto as Exhibit "R"
18. Grading and Erosion Control Plan revised May 12, 2011

and these plans and documents shall be filed with and made part of the permanent records of the Glen Ellyn Planning and Development Department.

B. Variations 7-9 identified in the preambles herein above related to the lights are also subject to the following conditions:

1. The lights shall not be used on evenings when the field is not in use.
2. The lights shall be turned off no later than 9:00 p.m. on any evening that the lights are permitted to be used.
3. The lights shall not be used on Saturday or Sunday nights.
4. The lights shall not be used between June 1 and August 14 of each year.
5. The lights shall not be used by any third party user.
6. The School District shall form an advisory group which shall include school district administrative staff, a Village representative and residents from the surrounding area to discuss any issues related to the use of the property that may impact the surrounding property owners. The advisory group shall meet a minimum of once a year and, at their discretion, may choose to meet more often. Minutes from all such advisory group meetings shall be promptly shared with the Village.
7. The lights shall not be used in the morning prior to the start of the school day.

8. No amplification/sound system shall be used after 7:00 p.m. when the lights are being used.

Section Five: This grant of approval of the requested Zoning Variations shall expire and become null and void within five (5) years of the date of this Ordinance unless construction of the improvements for which the requested Zoning Variations have been granted is complete, provided, however, that the Village Board, by motion, may extend the length of this approval. Further, the Village Board may, for good cause shown, waive or modify any conditions set forth in this Ordinance without requiring that the matter return for public hearing.

Section Six: This Ordinance shall be in full force and effect from and after the passage, approval, and publication in pamphlet form.

Section Seven: Failure of the owners or other party in interest or a subsequent owner or other party in interest to comply with the terms of this Ordinance, after execution of such Ordinance, shall subject the owners or party in interest to the penalties set forth in Section 10-10-18 (A) and (B) of the Village of Glen Ellyn Zoning Code.

Section Eight. The Village Clerk is hereby authorized to record this Ordinance with the DuPage County Recorder.

Passed by the President and Board of Trustees of the Village of Glen Ellyn, Illinois, this _____ day of _____, 20_____.

Ayes:

Nays:

Absent:

Approved by the Village President of the Village of Glen Ellyn, Illinois, this

_____ day of _____, 20_____.

Village President of the
Village of Glen Ellyn, Illinois

Attest:

Village Clerk of the
Village of Glen Ellyn, Illinois

(Published in pamphlet form and posted on the ____ day of _____.)

X:\Plandev\PLANNING\DEVELOPMENT PROJECTS\Crescent\Crescent 670, Glenbard West High School\Memorial Field\Phase II - Lights, etc. ZV\Ordinance 011012.docx

EXHIBIT "L"
FINDINGS OF FACT

The following findings are fact are hereby adopted for the requested variation from Section 10-5-5(B)4(3) of the Zoning Code to allow an ornamental gate with a height of 14 feet in lieu of the maximum height of 10 feet.

1. If granted, the requested variation will not alter the essential character of the locality because the increased height of the ornamental entrance gate will serve to enhance visibility of the main entrance and is attractively designed to fit in with the surrounding area. In addition, testimony was given that the gate was designed to reflect the original gate located on the north side of Crescent Boulevard.
2. The petitioner has demonstrated a particular hardship as a result of adhering to the strict letter of the regulations of the Zoning Code because the purpose of the gate is to assist wayfinding and to define the location of the main entrance which is aligned with the Crescent Boulevard pedestrian crosswalk.
3. The plight of the owner is due to unique circumstances because the site is located across the street from the school and it is important to provide a readily visible and identifiable entrance to the property for the safety of students and others crossing the street to use the facility.

The following findings of fact are hereby adopted for the requested variation from Section 10-5-5(B)4(11) of the Zoning Code to allow a fence along Crescent Boulevard with a height of 6 feet 6 inches in lieu of the maximum height of 4 feet permitted.

1. If granted, the requested variation will not alter the essential character of the locality because the wrought iron style fence is attractively designed, more than 50% open and in keeping with the character of the area.
2. The petitioner has demonstrated a particular hardship as a result of adhering to the strict letter of the regulations of the Zoning Code because the proposed 6 foot 6 inch tall fence will provide for a safer separation between the site and the adjacent street than a 4 foot tall fence would and will do more to secure the site.
3. The plight of the owner is due to unique circumstances because a major collector street with existing on-street parking is located directly north of the site and the increased height of the fence will provide a safer separation between the site and the adjacent street.

The following findings are fact are hereby adopted for the requested variation from Section 10-5-5(B)4(32) of the Zoning Code to allow a batting cage with a setback of 1 foot from the southern property line in lieu of the minimum setback of 58.14 feet required.

1. If granted, the requested variation will not alter the essential character of the locality because an existing basketball court is currently located in this area and extends over the property line. The proposed batting cage will have a greater setback than the existing basketball court

and the total area of the batting cage will be less than the area of the existing basketball court. In addition, the proposed change from a basketball court to a batting cage will not result in a significant change of use since both uses are recreational uses. The subject area is also located adjacent to the railroad and is buffered by trees.

2. The petitioner has demonstrated a particular hardship as a result of adhering to the strict letter of the regulations of the Zoning Code because the irregular triangular shape of the property and the unusually lengthy lot width along Park Row of 581 feet creates a hardship in developing the property in accordance with the strict regulations of the Zoning Code as it results in an unusually large required setback for the batting cage which is greater than the required 50 foot front yard setback for a principal structure on the lot and almost as much as the required 60 foot rear yard setback for a principal structure on the lot.
3. The plight of the owner is due to unique circumstances because of the triangular shape of the property and the unusually lengthy lot width along Park Row of 581 feet which is used to determine the required setback.

The following findings are fact are hereby adopted for the requested variations from a.) Section 10-5-5(C)1 of the Zoning Code to allow an impervious surface setback of as little as 7.5 feet for a proposed sidewalk along the southern property line and 0 feet along the northern property line to accommodate the base for the northern bleachers in lieu of the minimum impervious surface setback of 29.07 feet required; and b.) Sections 10-5-4(A)4(a) and 10-5-4(A)4(c) of the Zoning Code to allow bleachers to be located 0 feet from the northern property line in lieu of the minimum 18 foot and 29.07 foot accessory structure setbacks required.

1. If granted, the requested variations will not alter the essential character of the locality because the requested variations are located along the northern and southern property lines and the northern property line is located adjacent to a street and the petitioner owns the property on the other side of the street which is also used as a School. The southern property line is directly adjacent to Union Pacific property and railroad tracks, is buffered by trees and is located approximately 180-200 feet away from any residential uses. In some locations, the railroad, a parking lot and trees are located between the southern property line and any residential uses to the south.
2. The petitioner has demonstrated a particular hardship as a result of adhering to the strict letter of the regulations of the Zoning Code because the unusually lengthy lot width along Park Row of 581 feet results in a relatively large required setback around the perimeter of the entire site which creates a hardship in allowing for the reasonable use and development of the property. The hardship is further exacerbated when combined with the irregular triangular shape of the property.
3. The property in question cannot yield a reasonable return if permitted to be used only under the conditions allowed by the regulations governing the district in which it is located because the unusually lengthy lot width along Park Row of 581 feet results in a relatively large required setback around the perimeter of the entire site which, if applied, would impede the

reasonable use and development of the property. The irregular triangular shape of the lot combined with the unusually large required setback further impedes the reasonable use of the property.

4. The plight of the owner is due to unique circumstances because the unusually lengthy lot width along Park Row of 581 feet results in a relatively large required setback around the perimeter of the entire site. In addition, the unusual triangular shape of the property is a unique circumstance because if the required setback was applied around the perimeter of the property, it would significantly impede the petitioner's ability to reasonably use the property and to provide pedestrian and ADA accessibility to some of the amenities on the site.

The following findings of fact are hereby adopted for the requested amendment to the variation to Section 10-5-4(A)2(a) of the Zoning Code previously approved by Ordinance 5888 to allow a total of 4,268 square feet of accessory structures on the property in lieu of the maximum of 1,000 square feet of accessory structures permitted.

1. If granted, the requested variation not alter the essential character of the locality because the variation is being requested to allow the construction of an approximately 2,800 square foot bleacher area along the north property line which will be in the same location where temporary bleachers are currently located and to allow the existing portable softball bleachers to remain which have been classified as structures due to the petitioner's intention to keep these bleachers in place year round. Therefore, if granted, the requested variations should have little to no impact on the character of the area because the subject bleachers are already in place. In addition, no evidence that the Village has received any complaints related to the existing temporary bleachers has been received.
2. The petitioner has demonstrated a particular hardship as a result of adhering to the strict letter of the regulations of the Zoning Code because the property is used for fields and other recreational purposes accessory to the school and the existing and proposed accessory structures on the property including the proposed bleachers and existing dugouts are customary and generally associated with such uses. Therefore, without the requested variations, the property would not be able to be used for these purposes.
3. The property in question cannot yield a reasonable return if permitted to be used only under the conditions allowed by the regulations governing the district in which it is located because the property is used for fields and other recreational purposes accessory to the school and the existing and proposed accessory structures on the property including the proposed bleachers and existing dugouts are customary and generally associated with such uses. Therefore, without the requested variations, the property would not be able to be use for these purposes.
4. The plight of the owner is due to unique circumstances because the site is relatively large being comprised of 8.1 acres and the proposed accessory structures would take up less than 1.5% of the site.

The following supplemental findings of facts are also hereby adopted for all of the variations identified above related to the impervious surfaces, accessory structures, batting cage, gate and fence.

1. The physical surrounding and shape of the property would bring particular hardship upon the applicant as distinguished from a mere inconvenience if the strict letter of the Zoning Code were to be carried out because the site is located on a major collector street across from the school with existing on-street parking. Therefore, providing a readily identifiable entrance to the property benefits pedestrian safety and providing a taller than normal fence provides enhanced security and safety. In addition, the required impervious surface and accessory structure setbacks are relatively large given the width of the lot and the impact of these variations on surrounding properties should be minimal given that a collector street is located north of the site and the petitioner owns the property across the street to the north which is also used as a school and railroad tracks, a parking lot and trees separate the property from the residential uses to the south and approximately 180-200 feet separate the southern property line from any residential uses.
2. The conditions on which the variations are based are not applicable generally to other property within the same zoning district because the property is part of a school campus which is separated by a street and the main occupants of the site are required to cross a public road in order to access the property. In addition, the property has an unusual triangular shape and a relatively large lot width.
3. The purpose of the variations is not based exclusively upon a desire to make more money out of the property because the owner is a public school district.
4. That the alleged difficulties or particular hardships have not been created by any person presently having an interest in the property or by the applicant because the unusual triangular shape of the lot and the lot width have not been altered by the petitioner.
5. That the granting of the variations will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which it is located because the proposed permanent bleachers, impervious surfaces, entry gate, fencing and batting cage will benefit the users and general public. Furthermore, the proposed permanent seating will provide needed handicap accessible seating/viewing areas for the main field and will replace temporary seating in these locations, the proposed entry gate will provide a dedicated and visible field access point for spectators and enhance the overall campus appearance and the proposed 3rd base walkway and ramp will provide an accessible route to the 3rd base softball bleachers.
6. The requested variations will not:
 - a. Impair an adequate supply of light and air to adjacent property because no new buildings are proposed and the property will continue to be used for recreational purposes accessory to the school.

- b. Substantially increase the hazard from fire or other dangers to said property or adjacent property because the principal use of the property will not be changing and the primary use will continue to be for recreational purposes accessory to the school.
 - c. Otherwise impair the public health, safety, comfort, morals or general welfare of the inhabitants of the Village.
 - d. Diminish or impair property values within the neighborhood because a street is located north of the site and the petitioner owns the property across the street to the north of the site which is also used as part of the school campus. A street also separates the site from the single-family residences to the east. In addition, railroad tracks, a parking lot and trees separate the property from the residential uses to the south and approximately 180-200 feet separate the southern property line from any residential uses.
 - e. Unduly increase traffic congestion in the public streets and highways because no new access drives are proposed and the primary use of the property will not be changing and will continue to be for recreational purposes accessory to the school.
 - f. Create a nuisance because the principal use of the property will not be changing and the primary use will continue to be for recreational purposes accessory to the school.
 - g. Result in an increase in public expenditures because based on the testimony of the Police Chief, no increase in police demand is expected in the area as a result of the requested variations and no improvements are proposed that should create an additional need for other Village services such as water, sewer, roads, etc.
7. The variations are the minimum variations that will make possible the reasonable use of the land, building or structure due to the irregular triangular shape of the lot and relatively large lot width.
-

The following findings of fact are hereby adopted for the requested variations from a.) Section 10-5-13(M)2(B)1 of the Zoning Code to allow 70 foot tall light poles to be spaced as close as 210 feet apart in lieu of the minimum separation of 280 feet required; to allow 70 foot tall and 60 foot tall light poles to be spaced as close as 106 feet apart in lieu of the minimum separation of 260 feet required; to allow 60 foot tall light poles to be spaced as close as 78 feet apart in lieu of the minimum separation of 240 feet required; and to allow 60 foot tall and 70 foot tall light poles to be spaced as close as 23 and 37 feet apart respectfully from the existing 30 foot tall tennis court light poles in lieu of the minimum separation of 180 feet and 200 feet required; b.) Section 10-5-13(M)2(a)2 of the Zoning Code to allow foot candle levels as high as 8.49 along the southern property line and 7.32 along the northern property line in lieu of the maximum foot candle level of 3.0 permitted; and c.) Section 10-5-13(M)2(c) to allow the height of the proposed light poles to exceed the height of the approximately 30 foot tall principal building on the site:

- 1. If granted, the requested variations will not alter the essential character of the locality because the character of the area is a school campus bisected by a major collector street and

the principal use of the property will not be changing. Furthermore, the lights would only be turned on a maximum of 140 nights a year and the lights will not be in use in the summer. Furthermore, a street is located north of the site and the petitioner owns the property across the street to the north of the site which is also used as part of the school campus. A street also separates the site from the single-family residences to the east. In addition, railroad tracks, a parking lot and trees separate and buffer the property from the residential uses to the south and approximately 180-200 feet separates the southern property line from any residential uses. The petitioner provided evidence in the form of cross sections that the impact and visibility of the lights from the residential properties to the south and east will be mitigated and buffered by existing vegetation and distance. In addition, the photometric plans submitted by the petitioner indicate that the proposed foot candle levels will be no greater than .2 at the surrounding residential property lines and will be zero at most of the surrounding residential property lines. A foot candle level of .2 is less than the maximum permitted foot candle level of .3 that would be permitted if the surrounding residential properties were adjacent to the site.

2. The petitioner has demonstrated a particular hardship as a result of adhering to the strict letter of the regulations of the Zoning Code due to the unique requirements for lighting sports fields. The petitioner has submitted evidence that the proposed pole heights, location and foot candle levels are essential to achieve the recommended illumination levels for safe play and the Village's lighting consultant has testified and submitted a written report indicating that the proposed lighting levels on the field are appropriate. Evidence was also submitted by the petitioner that there would be practical difficulties to installing lights at Duchon Field as was suggested by certain members of the public because Duchon Field provides overflow stormwater detention for Lake Ellyn. The petitioner also presented testimony that the need for additional practice field time has increased as the number of sports teams and other extracurricular activities have increased in order to keep pace with other schools and abide by Title 9 requirements. The Zoning Code standards create a practical difficulty in providing the field time needed to support the school's extracurricular programs which have expanded over time.
3. The property in question cannot yield a reasonable return if permitted to be used only under the conditions allowed by the regulations governing the district in which it is located because without the lights, the use of the property will be restricted to daylight hours and the petitioner will not be able to reasonably use the property to accommodate the extracurricular goals of the School District. The petitioner also presented testimony that the need for additional practice field time has increased as the number of sports teams and other extracurricular activities have increased in order to keep pace with other schools and abide by Title 9 requirements. Testimony was also presented that Glenbard West is one of the only schools in DuPage County without a lighted field.
4. The plight of the owner is due to unique circumstances because of the unique requirements for lighting sports fields. The petitioner has submitted evidence that the proposed pole heights, location and foot candle levels are essential to achieve the recommended illumination levels for safe play and the Village's lighting consultant has testified and submitted a written report indicating that the proposed lighting levels on the field are

appropriate. Furthermore, the unique triangular shape of the property limits the site planning options of the various fields and other recreational uses on the site which subsequently impacts potential lighting options in terms of location, height and foot candle levels.

The following supplement findings of fact for the three variation requests identified hereinabove related to the installation of lights on the property are hereby adopted.

1. The shape of the property would bring particular hardship upon the applicant as distinguished from a mere inconvenience if the strict letter of the Zoning Code were to be carried out because the site has an irregular triangular shape which limits the site planning options for the property and hence the potential location of light poles and the subsequent foot candle levels at the property lines.
2. The conditions on which the variations are based are not applicable generally to other property within the same zoning district due to the irregular triangular shape of the lot and unusually lengthy lot width.
3. The purpose of the variations is not based exclusively upon a desire to make more money out of the property because the owner is a public school district and has agreed not to rent out the property to any third party users in the evenings when lights would be needed.
4. That the alleged difficulties or particular hardships have not been created by any person presently having an interest in the property or by the applicant because the usual triangular shape of the lot and lot width have not been created by the petitioner.
5. That the granting of the variations will not be detrimental to the public welfare or injurious to other property or improvements in the neighborhood in which it is located because a street is located north of the site and the petitioner owns the property across the street to the north of the site which is also used as part of the school campus. A street also separates the site from the single-family residences to the east. In addition, railroad tracks, a parking lot and trees separate and buffer the property from the residential uses to the south and approximately 180-200 feet separate the southern property line from any residential uses. The petitioner provided evidence in the form of cross sections that the impact and visibility of the lights from the residential properties to the south and east will be mitigated and buffered by existing vegetation and distance. In addition, the photometric plans submitted by the petitioner indicate that the proposed foot candle levels will be no greater than .2 at the surrounding residential property lines and will be zero at most of the surrounding residential property lines. A foot candle level of .2 is less than the maximum permitted foot candle level of .3 that would be permitted if the surrounding residential properties were adjacent to the site.
6. The requested variations will not:
 - a. Impair an adequate supply of light and air to adjacent property because no new buildings are proposed and the property will continue to be used for recreational purposes accessory to the school;

- b. Substantially increase the hazard from fire or other dangers to said property or adjacent property because the principal use of the property will not be changing and the primary use will continue to be for recreational purposes accessory to the school. In addition, although testimony was presented about the warning labels associated with the lights as related to fire, breakage and health issues, the Plan Commission finds that the testimony of the petitioner's lighting expert, who has personal experience working with the proposed lights and who testified that he is not aware of any instances of such related occurrences with the proposed lights, to be compelling.
- c. Otherwise impair the public health, safety, comfort, morals or general welfare of the inhabitants of the Village because the principal use of the property will not be changing and the primary use will continue to be for recreational purposes accessory to a public school.
- d. Diminish or impair property values within the neighborhood because the petitioner provided expert testimony that the lights will not negatively impact property values in the surrounding area. In addition, a street is located north of the site and the petitioner owns the property across the street to the north of the site which is also used as part of the school campus. A street also separates the site from the single-family residences to the east. In addition, railroad tracks, a parking lot and trees separate the property from the residential uses to the south and approximately 180-200 feet separate the southern property line from any residential uses. Furthermore, the petitioner provided various evidence at the hearings, including cross sections, demonstrating that the impact and visibility of the lights from the residential properties to the south and east will be mitigated and buffered by existing vegetation and distance. In addition, the photometric plans submitted by the petitioner indicates that the proposed foot candle levels will be zero at all surrounding residential property lines.
- e. Unduly increase traffic congestion in the public streets and highways because no new access drives are proposed and the principal use of the property will not be changing and the primary use will continue to be for recreational purposes accessory to the school. In addition, testimony was presented that the presence of lights will allow the School District to better space out practices and games which could reduce the amount of pedestrian and vehicular activity in the area at one time and improve traffic circulation.
- f. Create a nuisance because the principal use of the property will not be changing and the primary use will continue to be for recreational purposes accessory to the school. In addition, the lights would only be turned on a maximum of 140 nights a year and the petitioner has agreed not to use the lights in the summer. Therefore, the use of the lights will be kept to a minimum. In addition, the photometric plans submitted by the petitioner indicate that the proposed foot candle levels at all surrounding residential property lines will be minimal.
- g. Result in an increase in public expenditures because based on the testimony of the Police Chief, no increase in police demand is expected in the area as a result of the requested

variations for the lights and no improvements are proposed that should create an additional need for other Village services.

7. The requested variations are the minimum variations needed to make reasonable use of the property as the applicant has worked with the Village's lighting consultant to reduce the lighting levels while continuing to provide sufficient lighting for play of the fields.

CRESCENT BOULEVARD SPILL

MUSCO
 GUARANTEED PERFORMANCE
 GREEN IRRADIATION LIGHTING
 CRESCENT BOULEVARD
 1500 W. FULLER ST. CHICAGO, IL 60607
 (773) 327-8800
 www.musco.com

ILLUMINATION SUMMARY

Number of Fixtures	10
Wattage	1000
Wattage per Fixture	100
Number of Lumens	100,000
Footcandle (FC) at 10' height	10
Footcandle (FC) at 20' height	2.5
Number of Lumens per Footcandle	10,000
Number of Lumens per Square Foot	10,000
Number of Lumens per Square Foot at 20' height	2,500
Number of Lumens per Square Foot at 30' height	1,667
Number of Lumens per Square Foot at 40' height	1,250
Number of Lumens per Square Foot at 50' height	1,000
Number of Lumens per Square Foot at 60' height	833
Number of Lumens per Square Foot at 70' height	714
Number of Lumens per Square Foot at 80' height	625
Number of Lumens per Square Foot at 90' height	556
Number of Lumens per Square Foot at 100' height	500

PARCEL 1
 BLOCK 6

2	A1-A2	60'	60'	1500W IAZ	3	3	0
1	B1	70'	70'	1500W IAZ	9	9	0
1	B2	70'	70'	1500W IAZ	9	9	0
2	C1-C2	70'	70'	1500W IAZ	7	7	0
8	TOTALS				35	35	0

JOHN A. BROWN'S ADDITION
 TO GLEN ELLYN
 RECORDED JUNE 2, 1947
 DOCUMENT NO. 89877

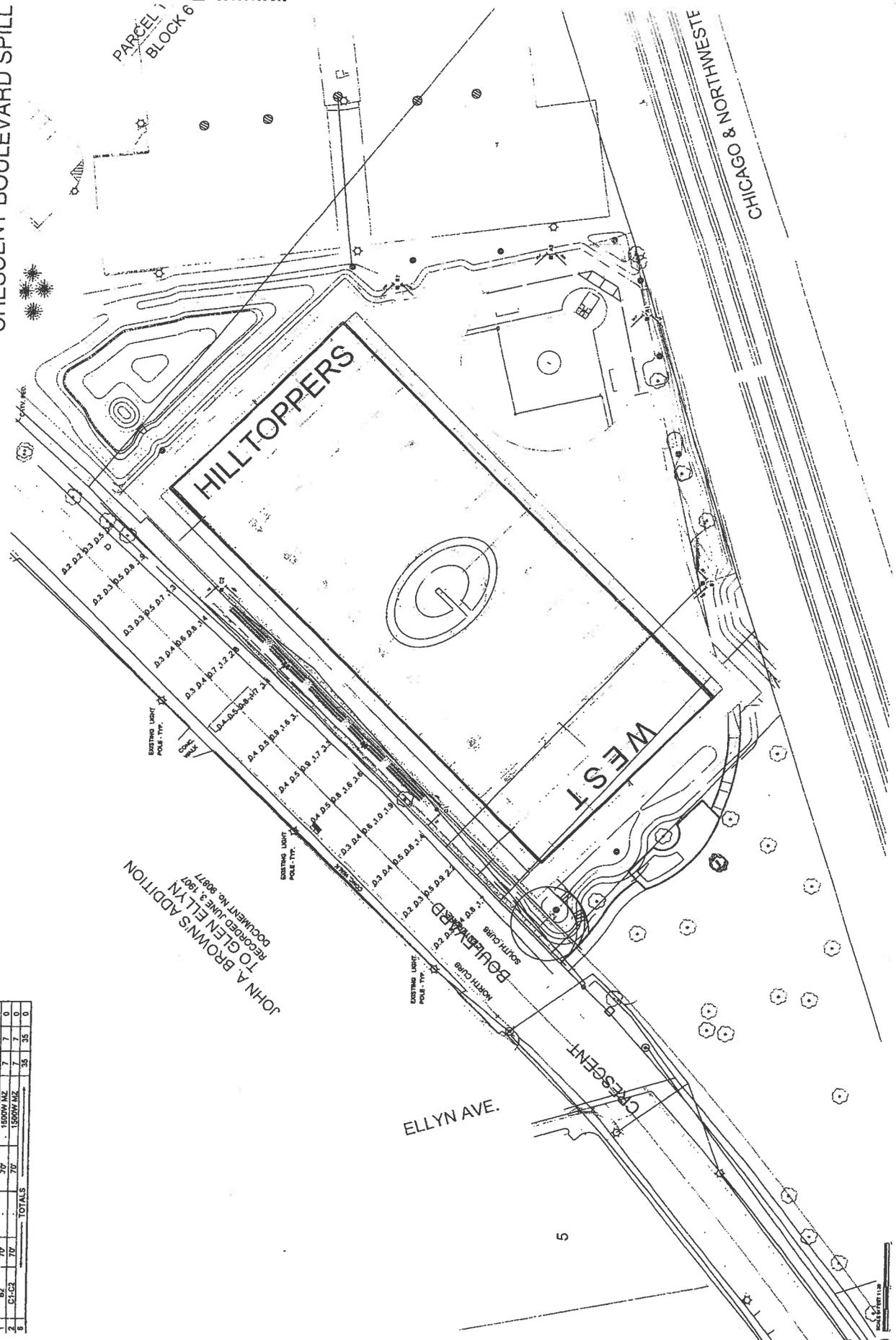
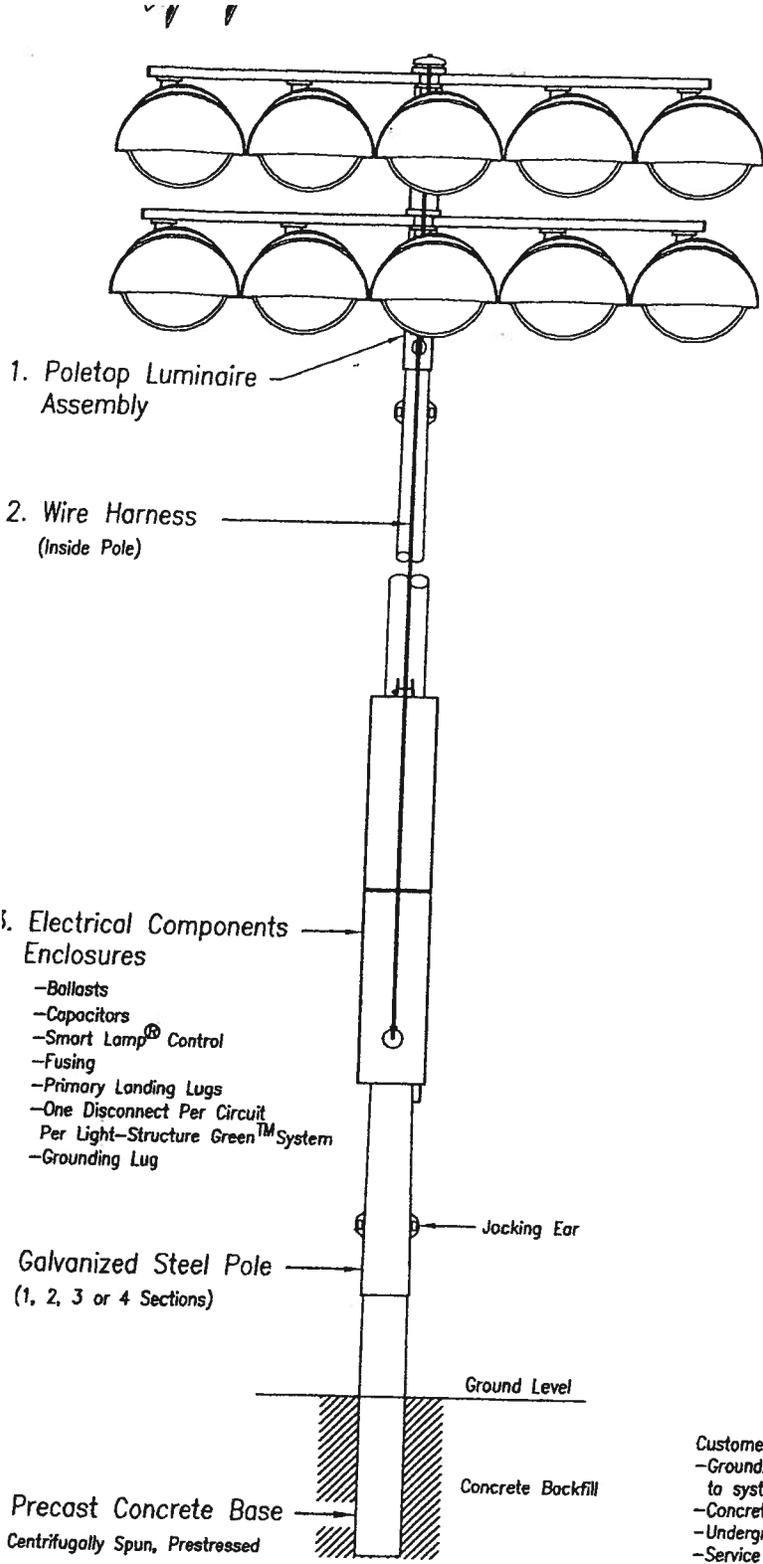
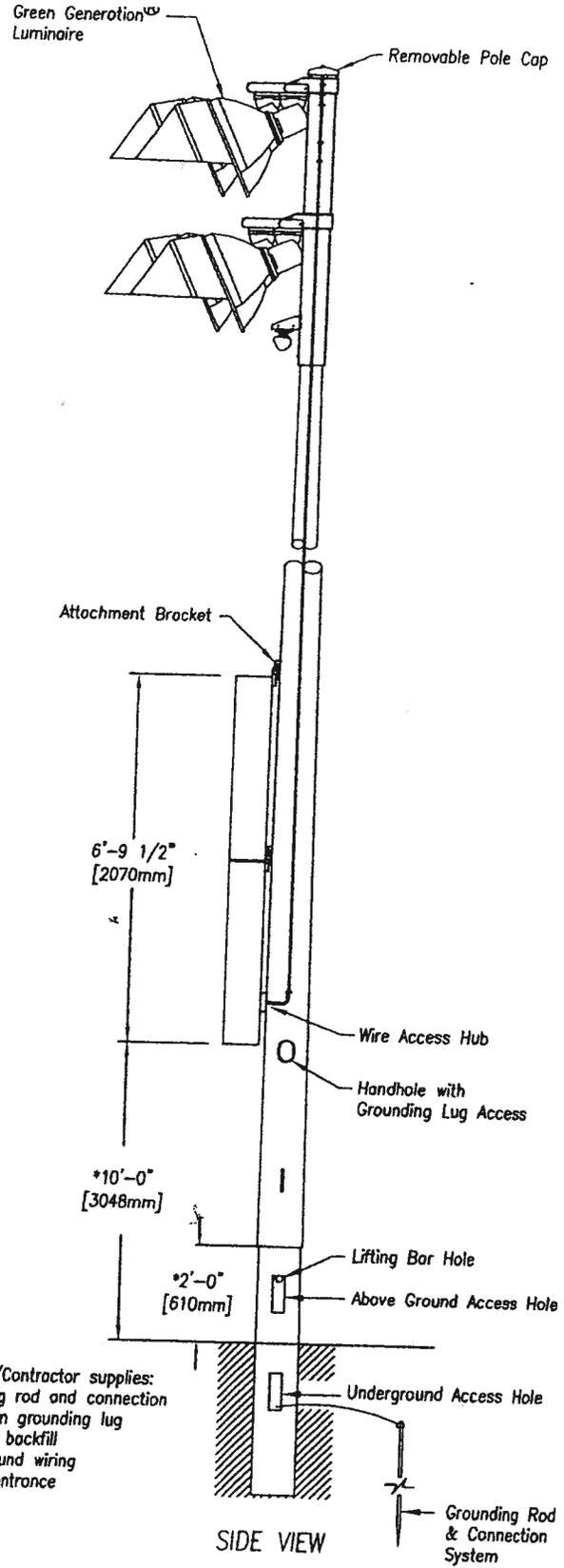


Exhibit "M"

100' North, 100' South, 100' East, 100' West
 100' North, 100' South, 100' East, 100' West
 100' North, 100' South, 100' East, 100' West
 100' North, 100' South, 100' East, 100' West



FRONT VIEW
FIELD SIDE

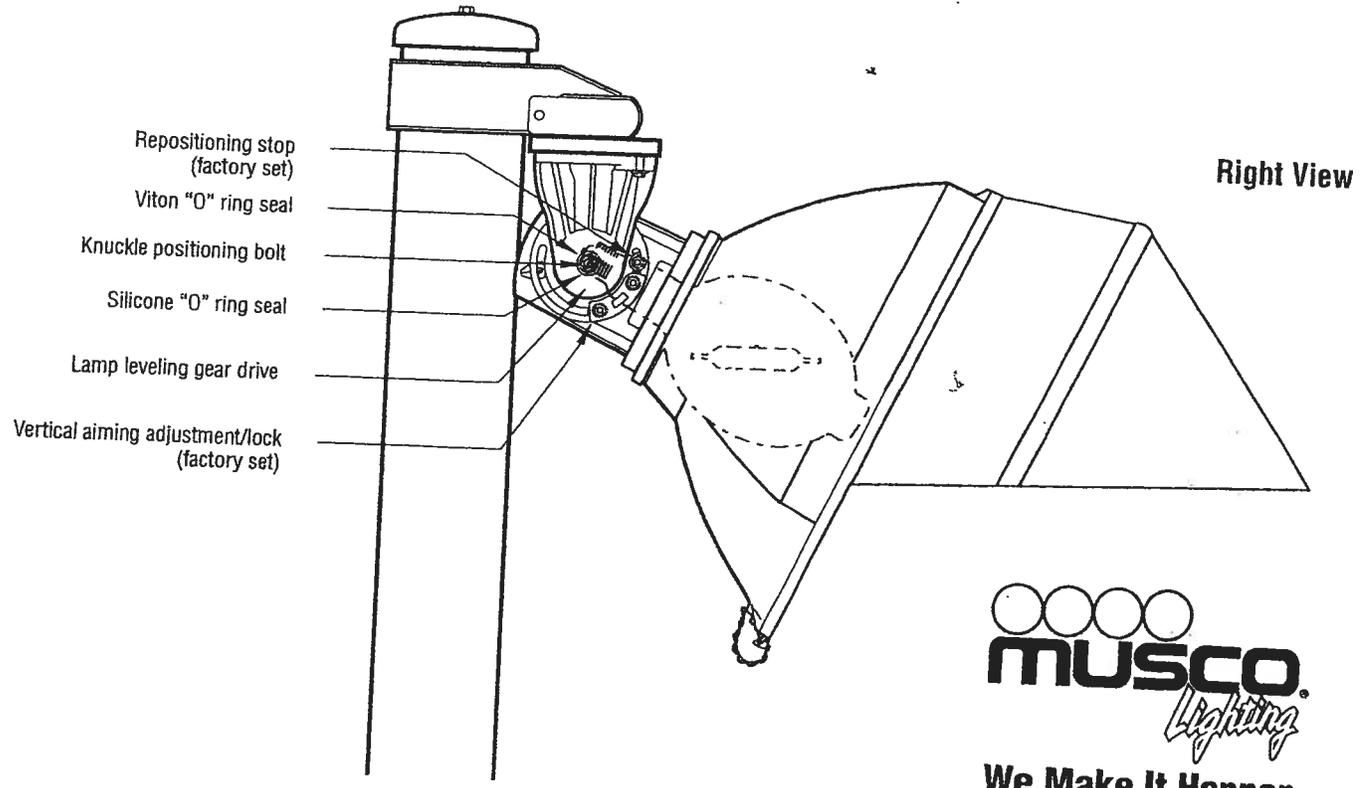
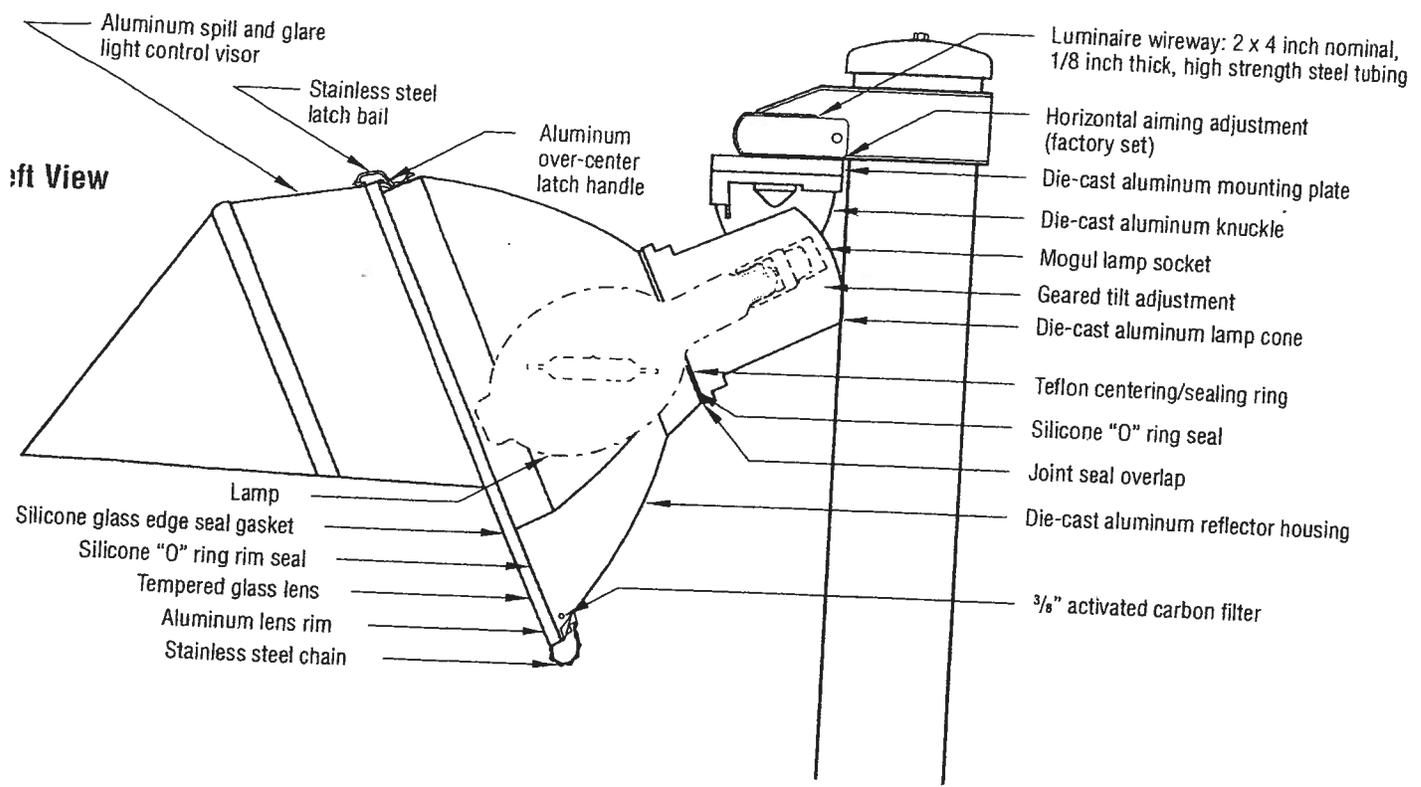


Customer/Contractor supplies:

- Grounding rod and connection to system grounding lug
- Concrete backfill
- Underground wiring
- Service entrance

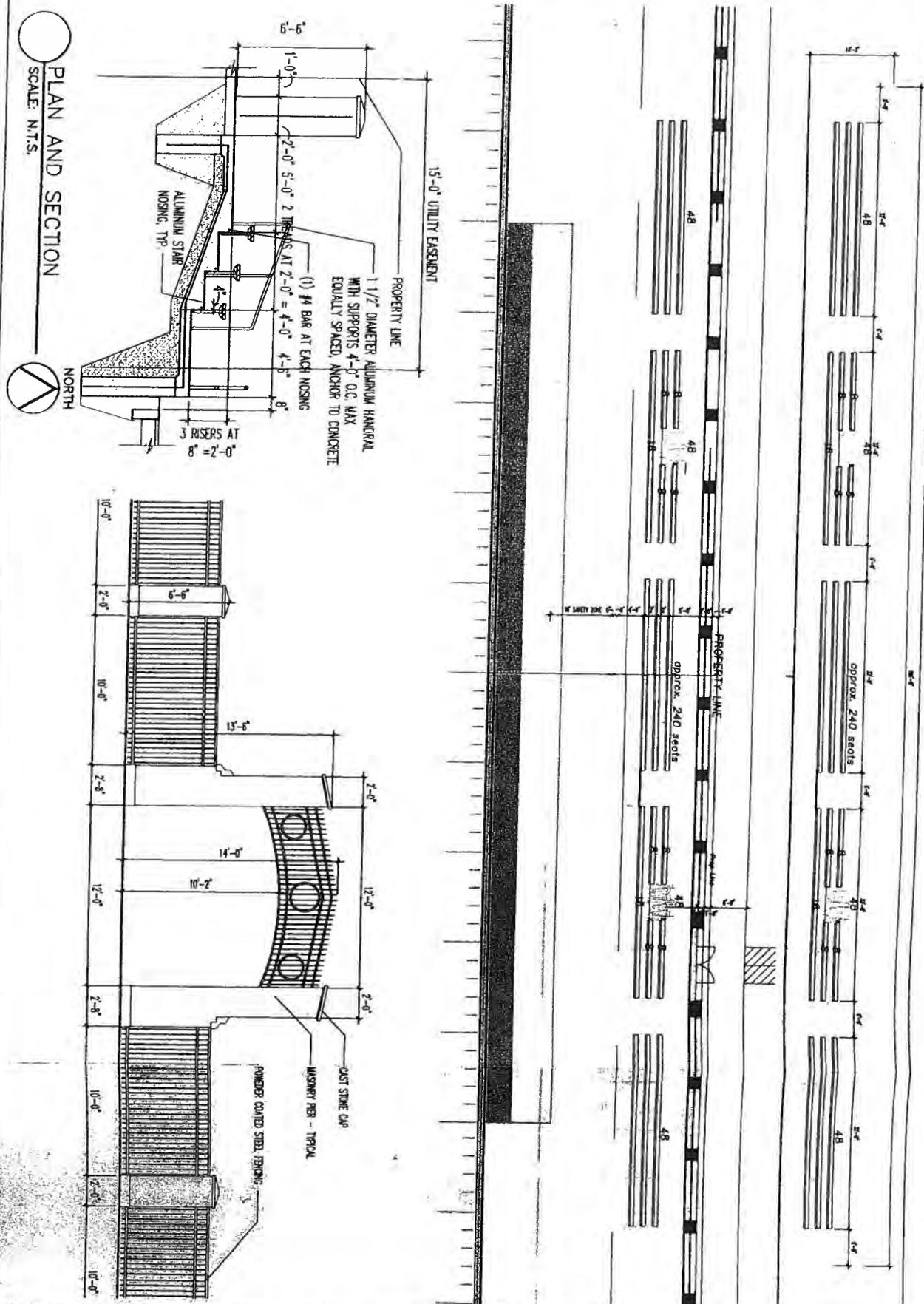
SIDE VIEW

Notes:
This drawing is not to scale.



MUSCO
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Exhibit "P"



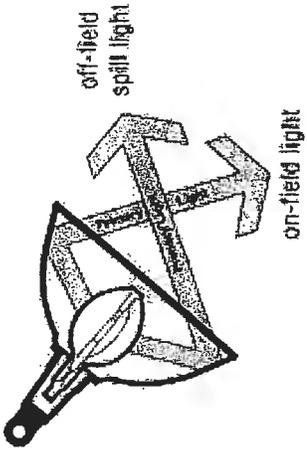
BLEACHER SECTION AND PLAN

Exhibit I

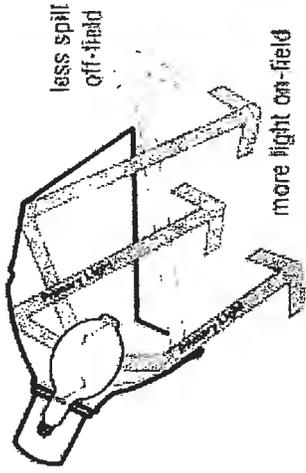
MAY 13, 2011
LEGATARCHITECTS
 2015 SPRING ROAD SUITE 175
 OAK BROOK, ILLINOIS 60523
 (630) 990-3535

Field Lighting

Old Generation

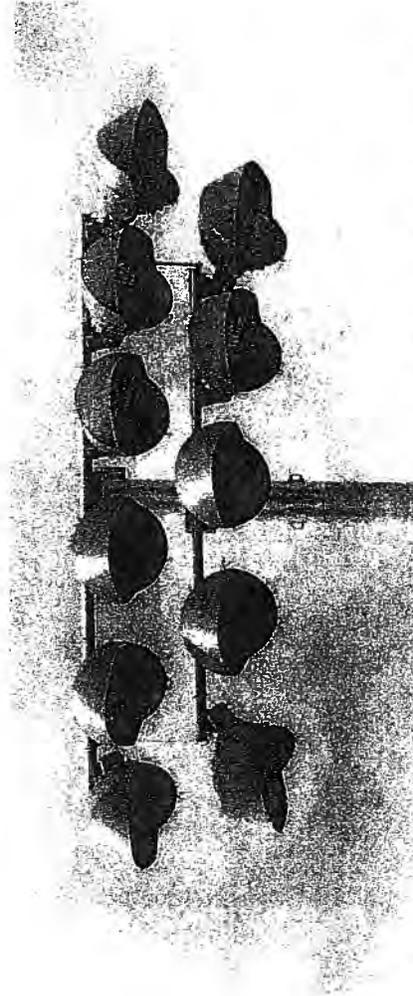


New Technology



Standard Symmetrical Reflector

Redirects Off-Field Spill Light



New high efficiency lighting with light shields to control light spill

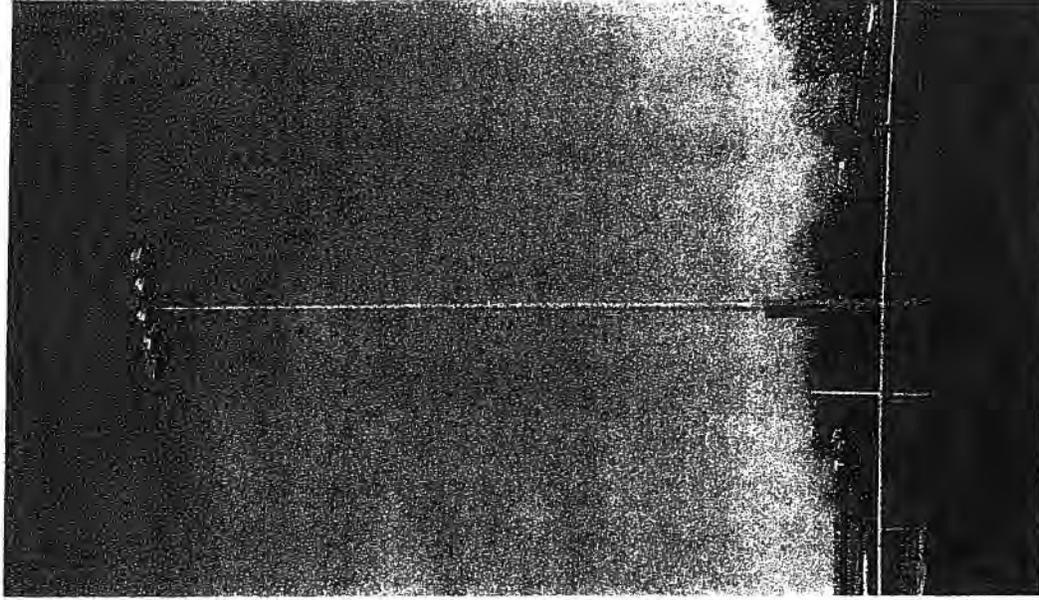
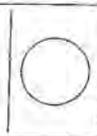


Exhibit "Q"



REVISIONS	
NO.	DESCRIPTION

PROJECT NUMBER: 1507-2018
DATE OF ISSUE: 11/15/2018
PROJECT BY: LEGATA ARCHITECTS

PROJECT NUMBER: 1507-2018
DATE OF ISSUE: 11/15/2018
PROJECT BY: LEGATA ARCHITECTS

PROJECT NUMBER: 1507-2018
DATE OF ISSUE: 11/15/2018
PROJECT BY: LEGATA ARCHITECTS

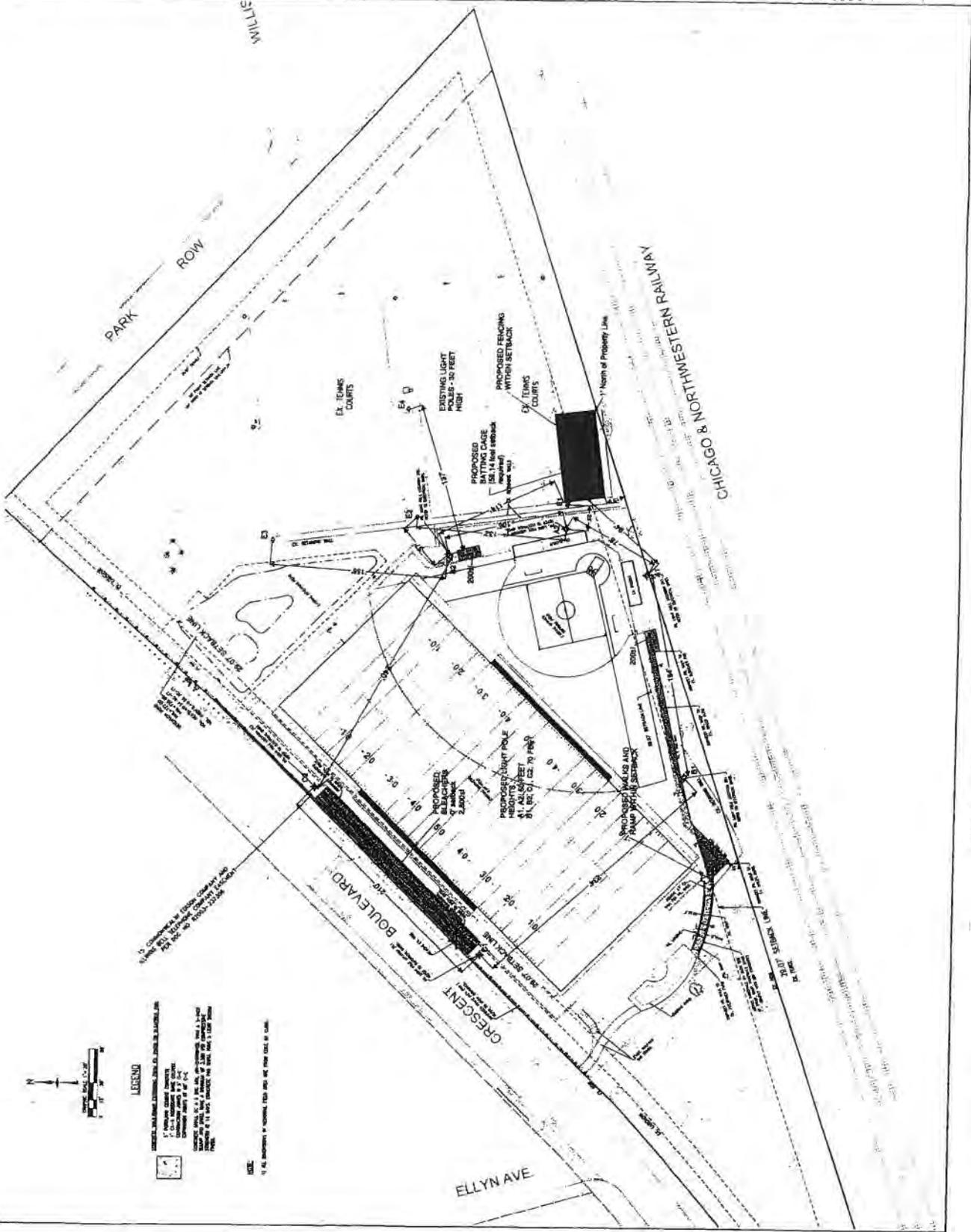


Exhibit "R"

MEMORANDUM

TO: Mark Franz, Village Manager *MF*

FROM: Staci Hulseberg, Planning and Development Director *SH*
Michele Stegall, Village Planner

DATE: January 26, 2012

RE: District 87 Memorial Field Variation Requests



Attached please find the following supplemental information related to the Memorial Field requests.

1. At the request of President Pfefferman, information was obtained about how many lighted high school and college fields in DuPage County are locked. During this survey, staff also inquired about which high school and college practice and game fields in DuPage County have lights. The results of this phone survey are summarized in the attached table.
2. The Ordinance has been amended to correct some typographical errors. The referenced numbers of individuals speaking in favor of and in opposition to the requests have also been corrected based on another review of the transcripts (21 individuals spoke in favor of the requests and 26 individuals spoke in opposition).
3. At the January 23 meeting, one Trustee requested that the School District identify what hardship they believe the District would suffer if the Village Board waited until after the referendum to vote on the requests. The School District will provide a verbal response to this question at the January 30 meeting.
4. President Pfefferman inquired of the School District whether the proposed 9 p.m. "lights out" time will adversely affect the District's mission and if D87 would prefer a later time. The School District will be prepared to answer this question at the January 30 Village Board meeting.
5. The Village Attorney will provide additional comments on the "hardship" question and other legal issues. The Police Chief will be prepared to speak to the questions regarding parking plans for Crescent Boulevard and how the Ordinance conditions will be enforced.
6. Trustee Hartweg posed questions and requested documents related to the construction dates of Glenbard West High School and surrounding homes and also requested some information about Lake Ellyn. His questions and the answers we were able to locate are attached.
7. President Pfefferman inquired if the Village's lighting consultant would provide an opinion on a letter from Armstrong Engineers citing Illumination Recommendations for fields. A copy of the letter and the Village's lighting consultant's response are attached.

Cc: Stewart Diamond, Village Attorney
Julie Tappendorf, Village Attorney
Phil Norton, Police Chief
Chris McClain, School District 87
Brian Crowley, School District Attorney
Jim Ozog, Our Field Our Town

#1

DuPage County Public High School and College Listing

Type	School	City	Phone	Lighted game field	Lighted practice field	Access
H.S.	Addison Trail High School	Addison	(630) 628-3302	yes	yes	locked
H.S.	Waubonsie Valley High School	Aurora	(630) 375-3300	yes	no	locked
H.S.	Metea Valley High School	Aurora	(630) 375-2051	yes	yes	locked
H.S.	Bartlett High School	Bartlett	(630) 372-4700 ex. 4721	yes	no	locked
H.S.	Fenton High School	Bensenville	(630) 766-2500	yes	no	locked
H.S.	Glenbard North High School	Carol Stream	(630) 653-7000	yes	no	locked
H.S.	Hinsdale South High School	Darien	(630) 887-1730	yes	no	yes
H.S.	Downers Grove North High School	Downers Grove	(630) 795-8400	yes	no	yes
H.S.	Downers Grove South High School	Downers Grove	(630) 795-8500	yes	yes	locked
H.S.	York High School	Elmhurst	(630) 617-2402	yes	no	fenced/locked
College	Elmhurst College	Elmhurst	(630) 617-3142	yes	no	fenced/not locked
H.S.	Glenbard South High School	Glen Ellyn	(630) 469-6500	yes	no	yes
H.S.	Glenbard West High School	Glen Ellyn	(630) 469-8600	no	no	fenced
College	College of DuPage	Glen Ellyn	(630) 942-2364	yes	no	yes
H.S.	Hinsdale Central High School	Hinsdale	(630) 570-8000	yes	no	yes
H.S.	Lisle High School	Lisle	(630) 493-8300	no	no	yes
College	Benedictine University	Lisle	(630) 829-6140	yes	no	n/a
H.S.	Glenbard East High School	Lombard	(630) 627-9250	yes	yes	gated/locked
H.S.	Naperville Central High School	Naperville	(630) 420-6422	yes	yes	locked
H.S.	Naperville North High School	Naperville	(630) 420-6484	yes	no	locked
College	North Central College	Naperville	(630) 637-5581	yes	yes	fenced/gated/locked
H.S.	Nequa Valley High School	Naperville	(630) 428-6849	yes	no	locked
H.S.	Lake Park High School	Roselle	(630) 529-4500	yes	no	locked
H.S.	Willowbrook High School	Villa Park	(630) 530-3439	yes	no	locked
H.S.	Community High School	West Chicago	(630) 876-6200	yes	no	unsure
H.S.	Westmont High School	Westmont	(630) 654-3043	yes	no	locked
H.S.	Wheaton North High School	Wheaton	(630) 784-7300	yes	no	yes
H.S.	Wheaton Warrenville South High School	Wheaton	(630) 682-2120	yes	yes	gate open/not locked

26 - yes

7 - yes

Village of Glen Ellyn

Ordinance No. _____

**An Ordinance Approving Variation Requests to Allow Improvements to Memorial Park
Located at 671 Crescent Boulevard to Accommodate New Impervious Surfaces, Bleachers,
Fencing, an Ornamental Gate, Batting Cage and Lights and Amending Ordinance 5888 to
Allow an Increase in the Total Square Footage of Accessory Structures on the Property
Glen Ellyn, Illinois 60137**

**Adopted by the
President and the Board of Trustees
of the Village of Glen Ellyn
DuPage County, Illinois
This ____ Day of _____, 20 ____.**

Published in pamphlet form by the authority of the
President and Board of Trustees of the Village of
Glen Ellyn, DuPage County, Illinois, this ____
day of _____, 20 ____.

Ordinance No. _____

An Ordinance Approving Variation Requests to Allow Improvement to Memorial Park Located at 671 Crescent Boulevard to Accommodate New Impervious Surfaces, Bleachers, Fencing, an Ornamental Gate, Batting Cage and Lights and Amending Ordinance 5888 to Allow an Increase in the Total Square Footage of Accessory Structures on the Property Glen Ellyn, Illinois 60137

Whereas, Glenbard High School District 87, owner of Memorial Park located on property commonly known as 671 Crescent Boulevard, is requesting approval of the following variations from the Glen Ellyn Zoning Code:

1. A variation from Section 10-5-5(B)4(3) of the Zoning Code to allow an ornamental gate with a height of 14 feet in lieu of the maximum height of 10 feet permitted;
2. A variation from Section 10-5-5(B)4(11) to allow a fence along Crescent Boulevard with a height of 6 feet 6 inches in lieu of the maximum height of 4 feet permitted;
3. A variation from Section 10-5-5(B)4(32) of the Zoning Code to allow a batting cage with a setback of 1 foot from the southern property line in lieu of the minimum setback of 58.14 feet required;
4. A variation from Section 10-5-5(C)1 of the Zoning Code to allow an impervious surface setback of as little as 7.5 feet for a proposed sidewalk along the southern property line and 0 feet to accommodate the base for bleachers proposed along the northern property line in lieu of the minimum impervious surface setback of 29.07 feet required;
5. An amendment to the variation from Section 10-5-4(A)2(a) of the Zoning Code previously granted by Ordinance 5888 to allow a total of 4,268 square feet of accessory structures on the property in lieu of the maximum of 1,000 square feet of accessory structures permitted;
6. Variations from Sections 10-5-4(A)4(a) and 10-5-4(A)4(c) of the Zoning Code to allow bleachers to be located 0 feet from the northern property line in lieu of the minimum 18 foot and 29.07 foot accessory structure setbacks required;
7. A variation from Section 10-5-13(M)2(b)1 of the Zoning Code to allow 70 foot tall light poles to be spaced as close as 210 feet apart in lieu of the minimum separation of 280 feet required; to allow 70 foot tall and 60 foot tall light poles to be spaced as close as 106 feet apart in lieu of the minimum separation of 260 feet required; to allow 60 foot tall light poles to be spaced as close as 78 feet apart in the lieu of the minimum separation of 240 feet required; and to allow 60 foot tall and 70 foot tall light poles to be spaced as close as 23 and 37 feet apart respectfully from the existing 30 foot tall tennis court light poles in lieu of the minimum separation of 180 feet and 200 feet required;

8. A variation from Section 10-5-13(M)2(a)2 of the Zoning Code to allow foot-candle levels as high as 8.49 along the southern property line and 7.32 along the northern property line in lieu of the maximum foot-candle level of 3.0 permitted; and
9. A variation from Section 10-5-13(M)2(c) to allow the height of the proposed light poles to exceed the height of the approximately 30 foot tall principal building on the site; and

Whereas, the above variations are being requested to allow improvements at Memorial Park including new impervious surfaces, bleachers, fencing, an ornamental gate, batting cage and lights; and

Whereas, the subject property is located in the CR Conservation Recreation zoning district and is bounded by Crescent Boulevard to the north, the Union Pacific railroad to the south, Park Row to the East and Park Boulevard to the west; and

Whereas, the property is legally described as follows:

PARCEL ONE:

LOT 17 IN COUNTY CLERK'S THIRD ASSESSMENT DIVISION IN SECTION 11, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING O THE PLAT THEREOF RECORDED JULY 3, 1906 AS DOCUMENT NUMBER 88053, IN DUPAGE COUNTY, ILLINOIS.

PARCEL TWO:

BLOCK 6 IN WOODTHORP, BEING A SUBDIVISION IN THE SOUTHEAST QUARTER OF SECTION 11, TOWNSHIP 39 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED JUNE 2, 1926 AS DOCUMENT NUMBER 214660, IN DUPAGE COUNTY, ILLINOIS.

P.I.N.: 05-11-410-014; and

Whereas, following due and proper publication of notice in the Daily Herald not less than fifteen (15) nor more than thirty (30) days prior thereto, and following written notice to all property owners within 250 feet, and following the placement of a placard on the subject property not less than fifteen (15) days prior thereto, the Plan Commission of the Village of Glen Ellyn conducted a total of eleven (11) public hearings and meetings on August 25, 2011, September 8, 2011, September 22, 2011, September 29, 2011, October 12, 2011, October 20,

2011, October 27, 2011; November 16, 2011, November 17, 2011, November 30, 2011 and December 20, 2011 at which hearings/meetings the Plan Commission considered the requested Zoning Variations; and

Whereas, at the aforementioned public hearings/meetings of the Plan Commission 26 people spoke in opposition to the requests, 21 people spoke in favor of the requests and one person spoke and made general comments about the application. Correspondence was also received from 75 individuals in favor of the requests, 29 individuals in opposition to the requests and 10 letters/emails were received neither in favor of nor in opposition to the application. Resolutions both in favor of and in opposition to the requests were also submitted by different groups; and

Whereas, after having considered the evidence presented, including the exhibits and materials submitted, the Plan Commission made its findings of fact and recommendations as set forth in the minutes of the Glen Ellyn Plan Commission dated December 20, 2011, a copy of which is attached hereto as Exhibit "K", and

1. By a vote of 7 "yes" and 2 "no," the Plan Commission recommended approval of the requested Variation from Section 10-5-5(B)4(3) of the Zoning Code to allow an ornamental gate with a height of 14 feet in lieu of the maximum height of 10 feet permitted;
2. By a vote of 7 "yes" and 2 "no" the Plan Commission recommended approval of the requested Variation from Section 10-5-5(B)4(11) of the Zoning Code to allow a fence along Crescent Boulevard with a height of 6 feet 6 inches in lieu of the maximum height of 4 feet permitted;
3. By a vote of 8 "yes" and one "no" the Plan Commission recommended approval of the requested Variations from:
 - a. Section 10-5-5(B)4(32) of the Zoning Code to allow a batting cage with a setback of 1 foot from the southern property line in lieu of the minimum setback of 58.14 feet required;
 - b. Section 10-5-5(C)1 of the Zoning Code to allow an impervious surface setback of as little as 7.5 feet for a proposed sidewalk along the southern property line and 0 feet to

accommodate the base for bleachers proposed along the northern property line in lieu of the minimum impervious surface setback of 29.07 feet required;

- c. An amendment to the variation from Section 10-5-4(A)2(a) of the Zoning Code previously granted by Ordinance 5888 to allow a total of 4,268 square feet of accessory structures on the property in lieu of the maximum of 1,000 square feet of accessory structures permitted; and
 - d. Sections 10-5-4(A)4(a) and 10-5-4(A)4(c) of the Zoning Code to allow the northern bleachers to be located 0 feet from the northern property line in lieu of the minimum 18 foot and 29.07 foot accessory structure setbacks required; and
4. By a vote of 6 “yes” and 3 “no”, the Plan Commission recommended approval of the requested Variations from:
- a. Section 10-5-13(M)2(b)1 of the Zoning Code to allow 70 foot tall light poles to be spaced as close as 210 feet apart in lieu of the minimum separation of 280 feet required; to allow 70 foot tall and 60 foot tall light poles to be spaced as close as 106 feet apart in lieu of the minimum separation of 260 feet required; to allow 60 foot tall light poles to be spaced as close as 78 feet apart in the lieu of the minimum separation of 240 feet required; and to allow 60 foot tall and 70 foot tall light poles to be spaced as close as 23 and 37 feet apart respectfully from the existing 30 foot tall tennis court light poles in lieu of the minimum separation of 180 feet and 200 feet required;
 - b. Section 10-5-13(M)2(a)2 of the Zoning Code to allow foot-candle levels as high as 8.49 along the southern property line and 7.32 along the northern property line in lieu of the maximum foot-candle level of 3.0 permitted;
 - c. Section 10-5-13(M)2(c) to allow the height of the proposed light poles to exceed the height of the approximately 30 foot tall principal building on the site; and

Whereas, the Village President and Board of Trustees have reviewed the evidence, exhibits and materials presented at the August 25, 2011, September 8, 2011, September 22, 2011, September 29, 2011, October 12, 2011, October 20, 2011, October 27, 2011; November 16, 2011, November 17, 2011, November 30, 2011 and December 20, 2011 public hearings and meetings before the Plan Commission and have considered the findings of fact and recommendations of the Plan Commission; and

Whereas, the President and Board of Trustees further considered the requests at public meetings on January 23, 2012 and January 30, 2012; and

Whereas, based on the recommendation of the Plan Commission and a review of the

evidence, materials and testimony presented, the Village President and Board of Trustees have determined that granting the requested Zoning Variations is consistent with the goals of the Glen Ellyn Zoning Code.

Now, Therefore, be it Ordained by the President and Board of Trustees of the Village of Glen Ellyn, DuPage County, Illinois, in the exercise of its home rule powers, as follows:

Section One: The August 25, 2011, September 8, 2011, September 22, 2011, September 29, 2011, October 12, 2011, October 20, 2011, October 27, 2011; November 16, 2011, November 17, 2011, November 30, 2011 and December 20, 2011 minutes of the Glen Ellyn Plan Commission are hereby attached for reference as Exhibits "A-K".

Section Two: Based on upon a review of the evidence, exhibits and materials presented at the eleven (11) public hearings and meetings before the Plan Commission and the subsequent meetings of the Village Board, the Village Board hereby adopts the findings of fact for the requested variations set forth in Exhibit "L" attached hereto.

Section Three: Based upon the findings of fact attached hereto as Exhibit "L", the Village President and Board of Trustees hereby grant approval of the requested Zoning Variations to allow improvements at Memorial Park including new impervious surfaces, bleachers, fencing, an ornamental gate, batting cage and lights.

Section Four: This grant of approval of the requested Zoning Variations is subject to the following conditions:

- A. The project shall be constructed and maintained in substantial conformance with the plans submitted and the testimony presented at the August 25, 2011, September 8, 2011, September 22, 2011, September 29, 2011, October 12, 2011, October 20, 2011, October 27, 2011; November 16, 2011, November 17, 2011, November 30, 2011 Plan Commission public hearings and with the petitioner's application packet stamped received August 11, 2011 including the following plans and documents as though they were attached to this Ordinance:

1. Cover Letter from Chris McClain revised August 9, 2011
2. Narrative Statement/Use Description revised August 9, 2011
3. Application for Variation revised August 9, 2011
4. Quantitative Summary revised August 9, 2011
5. Evidence Related to Zoning Code Standards for a Variation revised August 9, 2011
6. Softball Field Photometric Plan dated July 18, 2011
7. Blanket Grid Photometric Plan dated July 18, 2011
8. Football Field Photometric Plan dated July 18, 2011
9. Soccer Field Photometric Plan dated July 18, 2011
10. Crescent Boulevard Spill Photometric Plan dated July 18, 2011, a reduced copy of which is attached hereto as Exhibit "M"
11. Property Line Spill Photometric Plan dated July 18, 2011, a reduced copy of which is attached hereto as Exhibit "N"
12. Property Line 5' Offset Photometric Plan dated July 18, 2011
13. Musco Light Fixture Cut Sheets, a copy of which is attached hereto as Exhibit "O"
14. Bleacher Section and Plan dated May 12, 2011, a copy of which is attached hereto as Exhibit "P"
15. Field Lighting Information a copy of which is attached hereto as Exhibit "Q"
16. Field Lighting Reflector Design prepared by Musco Lighting
17. Dimensional Control and Paving Plan revised May 12, 2011 a copy of which is attached hereto as Exhibit "R"
18. Grading and Erosion Control Plan revised May 12, 2011

and these plans and documents shall be filed with and made part of the permanent records of the Glen Ellyn Planning and Development Department.

B. Variations 7-9 identified in the preambles herein above related to the lights are also subject to the following conditions:

1. The lights shall not be used on evenings when the field is not in use.
2. The lights shall be turned off no later than 9:00 p.m. on any evening that the lights are permitted to be used.
3. The lights shall not be used on Saturday or Sunday nights.
4. The lights shall not be used between June 1 and August 14 of each year.
5. The lights shall not be used by any third party user.
6. The School District shall form an advisory group which shall include school district administrative staff, a Village representative and residents from the surrounding area to discuss any issues related to the use of the property that may impact the surrounding property owners. The advisory group shall meet a minimum of once a year and, at their discretion, may choose to meet more often. Minutes from all such advisory group meetings shall be promptly shared with the Village.
7. The lights shall not be used in the morning prior to the start of the school day.

8. No amplification/sound system shall be used after 7:00 p.m. when the lights are being used.

Section Five: This grant of approval of the requested Zoning Variations shall expire and become null and void within five (5) years of the date of this Ordinance unless construction of the improvements for which the requested Zoning Variations have been granted is complete, provided, however, that the Village Board, by motion, may extend the length of this approval. Further, the Village Board may, for good cause shown, waive or modify any conditions set forth in this Ordinance without requiring that the matter return for public hearing.

Section Six: This Ordinance shall be in full force and effect from and after the passage, approval, and publication in pamphlet form.

Section Seven: Failure of the owners or other party in interest or a subsequent owner or other party in interest to comply with the terms of this Ordinance, after execution of such Ordinance, shall subject the owners or party in interest to the penalties set forth in Section 10-10-18 (A) and (B) of the Village of Glen Ellyn Zoning Code.

Section Eight. The Village Clerk is hereby authorized to record this Ordinance with the DuPage County Recorder.

Passed by the President and Board of Trustees of the Village of Glen Ellyn, Illinois, this _____ day of _____, 20____.

Ayes:

Nays:

Absent:

Approved by the Village President of the Village of Glen Ellyn, Illinois, this

_____ day of _____, 20_____.

Village President of the
Village of Glen Ellyn, Illinois

Attest:

Village Clerk of the
Village of Glen Ellyn, Illinois

(Published in pamphlet form and posted on the ___ day of _____.)

X:\Plandev\PLANNING\DEVELOPMENT PROJECTS\Crescent\Crescent 670, Glenbard West High School\Memorial Field\Phase II - Lights, etc. ZV\Ordinance 011012.docx

#6

Staci Hulseberg

From: Lori Gloude
Sent: Wednesday, January 25, 2012 4:28 PM
To: Staci Hulseberg; Michele Stegall
Subject: FW: records
Attachments: Street Files - 670 CRESCENT BOULEVARD - PLANS AND MAPS - GLENBARD WEST HIGH SCHOOL SITE + ROOF PLA.pdf; 670 Crescent Colored Site Plan.PDF

Memorial Park Answers –

Is there a plat of the school area available that would be dated around 1922 or '24 ? **NO**

Is there a listing of when homes were built also in this same area? Maybe the latest surveys would have this?
See Chart I created using info from Milton Township Assessor's Office and Misc Surrounding Properties.

Miscellaneous Properties surrounding Glenbard West High School			
Milton Assessors Built Date	Address	PIN	Earliest Building Permit Found
1926	8 Ellyn Court	0511401007	1956 Electrical
1926	1 Ellyn Court	0511402011	1967 Garage
1957	567 Lake Road	0511405003	1962 Addition to Coach House
1964	680 Crescent	0511404003	1927 2 story home
1909	682 Crescent	0511404012	1948 Garage
1986	611 Lake Road	0511404011	1983 Home
1930	686 Crescent	0511404006	1970 Electrical
1950	663 Crescent Ct	0511406001	1949 Home
1950	696 Crescent Ct	0511406009	1983 Addition
1928	543 Park Row	0511406004	1927 2 story home
1985	705 Crescent Court	0511407033	1983 2 story home
1951	609 Hawthorne Blvd	0511308009	1950 home
1925	602 Lenox Road	0511214018	1928 Addition

Do you have any construction info on when West was built - I know of the lake being filled in 1922. They opened in 1924. Do we have any site info before or after the building? **Attached are two Site Plans – the original and the original colored by date of additions. No date is on the Site Plan. Site Plan shows original school built 1922 and additions in 1930, 1938, 1953 and 1963.**

Was the excavation of the site used to fill in the lake? That seems logical but wanted to know if we knew. Or why was it filled in at that specific time? To get more space? Do we have any record of why this site was selected? I am presuming it was to have it downtown, yet what would have been the "out skirts" of town then anyway? **Could not find any info.**

Is there someone at the historical society who might have this if you don't? If so, who? **The Glen Ellyn Historical Society website shows an Archives page that states that Real Estate Records, Early DuPage County Atlases etc. are available for viewing.**

Hope this helps.

Lori Gloude

Administrative Clerk
Village of Glen Ellyn
Planning & Development

From: Michele Stegall
Sent: Wednesday, January 25, 2012 1:42 PM
To: Lori Gloude
Subject: FW: records

Please research ASAP and let us know what you find. Thanks!

From: Staci Hulseberg
Sent: Wednesday, January 25, 2012 1:29 PM
To: Michele Stegall
Subject: FW: records

please research for me.

Sent from my Windows Phone

From: Phillip Hartweg
Sent: 1/25/2012 10:37 AM
To: Staci Hulseberg
Subject: records

Staci:

A couple of Memorial Park record questions:

Is there a plat of the school area available that would be dated around 1922 or '24 ?

Is there a listing of when homes were built also in this same area? Maybe the latest surveys would have this?

Do you have any construction info on when West was built - I know of the lake being filled in 1922. They opened in 1924. Do we have any site info before or after the building?

Was the excavation of the site used to fill in the lake? That seems logical but wanted to know if we knew. Or why was it filled in at that specific time? To get more space? Do we have any record of why this site was selected? I am presuming it was to have it downtown, yet what would have been the "out skirts" of town then anyway?

Is there someone at the historical society who might have this if you don't? If so, who?

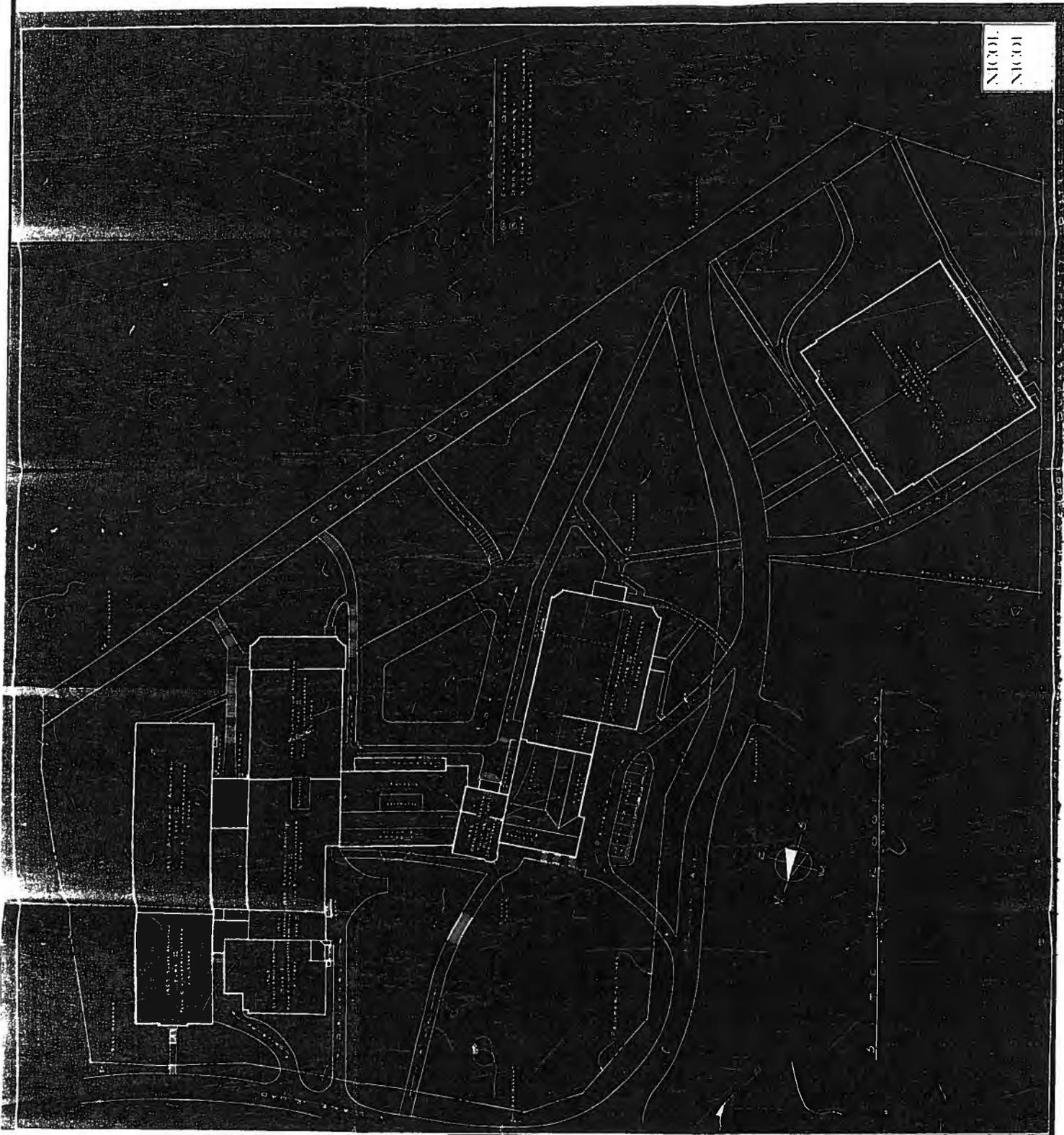
I am trying to understand the rationale for selecting such a site in the first place - coincidentally, this also tells me who was there first and certainly builds the natural case for a hardship.

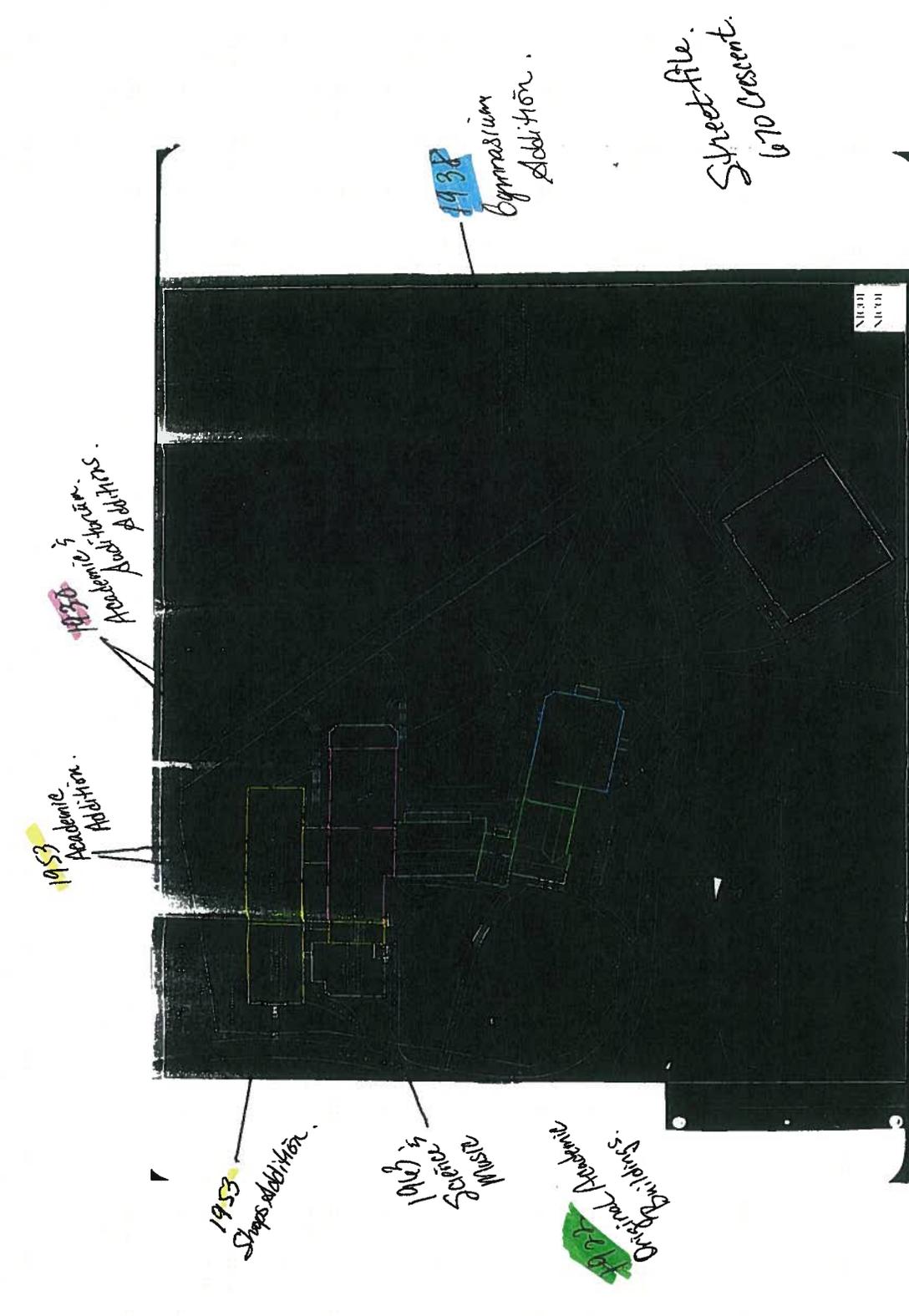
Not much time, but would appreciate a few quick answers - I can do some legwork also if I know where to go.

Thanks,
Phil

NICOL
NICOL

8.10
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.





1938

Gymnasium
Addition.

670 Crescent
Street.

1938

Academic
Buildings

1953

Addition

1953

Shops Addition.

1953
Science &
Math

1928

Original Academic
Buildings.

NORTH
NORTH



June 20, 2006

Mr. John Grahame
Chairman
Flagstaff Dark Skies Coalition
375 Choctaw Street
Flagstaff, AZ 86001-9535

Subj: RP-6-01 Illumination Recommendations – Class III vs. Class IV

Dear John:

I have been a Member of the Illuminating Engineering Society of North America (IESNA) since May of 1967 and have been active on the Sports Lighting Committee since the early 80's. In the early 80's the Sports Lighting Committee was not very active. It's primary responsibility, RP-6, had not been revised since 1960 and, in that time, many changes had occurred in the sports lighting industry. IESNA Headquarters actually removed the current Chairman of the Committee and appointed Bill Tao, P.E. from St. Louis to head up the Committee. I was made Vice Chairman. Our primary task was to update RP-6.

A couple of years or so were spent working on the Document and several significant changes were made from the 1960 Standard. One of the significant changes was the Classification System from Class IV, the lowest to Class I, the highest NOT including lighting for television and professional sports. This system was intended to specify the amount of illumination necessary to play the particular sport. This was then defined as Class IV Illumination. Many people mistakenly believe that more skilled players cannot play at Class IV Illumination Levels. If this were the case, the Committee would be derelict in their duty. How could the Committee specify illumination levels that were NOT suitable for the play of the game. So let me emphatically state at this point that Class IV illumination levels are satisfactory for the play of the game by players of all skills.

The higher illumination levels, specified in Class III, Class II and Class I are primarily related to the number of spectators and their distance from the field of play. If you charge admission to the game and put the spectators 20 rows back, you really need to provide a higher lighting level in order for them to enjoy the game. The Committee recommendations for the type of play (recreational, etc.) then is primarily based on the expected number of spectators and their location with respect to the field. A chart was prepared to provide general guidelines on this design element. It is Table I in both RP-6-88 and RP-6-01. Unfortunately there was an error made in the preparation of this Table. It was intended that Class IV be shown as suitable for Social events, Recreational Events, Elementary Schools, Training facilities, High Schools and Amateur Leagues. The "check mark" was left off for High Schools and Amateur Leagues.

I became the Chairman of the IESNA Sports Lighting Committee in the early 90's and began receiving calls from Little League people around the Country questioning whether we were recommending that Little League fields be illuminated to the Class III recommended levels. I assured

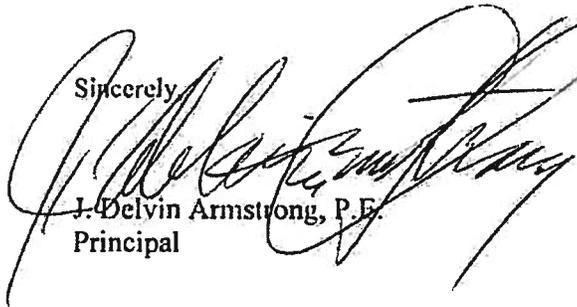
them that was NOT the case and I could not imagine how anyone could arrive at that conclusion. This became an important issue nationally and was the subject of conversation in our Committee meetings. Everyone agreed that Class III was certainly not intended for Little League fields. It was not until 1995 or 96 that I was discussing this issue with a Little League parent who pointed out that our RP-6, Table I called for Class III. So it was over 7 years later that the error in the 1988 standard was discovered.

We were in preparation of our Section of the Lighting Handbook, published by the IESNA during the late 90's. Our first action was to ensure that the Ninth Edition of the Lighting Handbook had the correct Table. It was published in 1990 and showed the correct recommendations. We continued to work on an update to RP-6 and that was completed and published in 2001. It also shows the correct Table. I am attaching a PDF Computer File of the appropriate page from RP-6-88, the Ninth Edition of the Lighting Handbook and RP-6-01 for your information.

This has turned out to be quite a significant error. Other organizations have followed the lead of the Little League organization and reasonably decided that they needed at least the same amount of light as the younger baseball players. However, this is definitely NOT the case. Class IV illumination levels are completely adequate for the play of the game for which they are specified. In your case at Thorpe Park, you should be designing to an illumination level of 30 footcandles maintained average illuminance for the infield and 20 footcandles maintained average illuminance for the outfield. Higher lighting levels result in increased installation costs, increased maintenance costs, increased operating costs and substantially more off site impacts. In most cases they do not contribute to increased visibility for the players and, in some instances, may actually detract from the player's ability to see. This is because higher wattage luminaires are oftentimes utilized with narrow beams and the glare to the players can be quite intense.

I have been involved in the design of over 750 lighted athletic facilities in the Pacific Northwest. With the exception of the Kingdome, the Key Arena and a minor league baseball field, all have been designed to Class IV levels. There has never been a complaint in over 35 years about insufficient illumination levels. In summary, I would give my strongest recommendation to you for a design based on Class IV illumination. You will have happier players, happier owners and happier neighbors.

Sincerely,



J. Delvin Armstrong, P.E.
Principal



JAMES J. BENES AND ASSOCIATES, INC.

950 Warrenville Road ▪ Suite 101 ▪ Lisle, Illinois ▪ 60532
Tel. (630) 719-7570 ▪ Fax (630) 719-7589

MEMORANDUM

Date: July 25, 2011

To: Michele Stegall
Village Planner
Village of Glen Ellyn

From: James E. Darnell, PE, CFM
Vice President

Re: Outdoor Sports Lighting Standards
Memorial Field Lighting Phase II
Crescent Boulevard west of Park Row
Job No. 1115.023

Village President Pfefferman has received an inquiry from a group of residents regarding RP-6-01 recommended illumination levels for outdoor sports fields. Their inquiry included a copy of a June 20, 2006 letter from Delvin Armstrong to the Flagstaff (AZ) Dark Skies Coalition. At your request, we have reviewed Mr. Armstrong's letter and the latest edition of IESNA RP-6 to determine if current illumination standards have been revised from those shown in RP-6.

Mr. Armstrong Delvin Armstrong (and Armstrong Engineering) is a major designer of outdoor sports lighting in the Pacific Northwest. In 1989, he started Soft Lighting Systems, which specializes in full-cutoff fixtures to reduce light spillage outside the playing surface. Soft Lighting Systems competes with Musco Lighting and they both offer what Musco calls the "new technology" in outdoor sports lighting. In his June 20, 2006 letter, Mr. Armstrong mentions that he was the chairman of the committee that updated RP-6 for the IESNA in 2001. His letter (attached) states that there was a mistake in RP-6 Table 1; and that Class IV lighting should have been marked as appropriate for high school use. The latest edition of RP-6 has apparently been updated, because it shows that Class II, Class III and Class IV lighting are all appropriate for high school usage.

Mr. Armstrong also claims that increased lighting levels are provided for the benefit of the spectators and are not required by the athletes. He states that, with the exception of three professional athletic fields, he has always designed to the Class IV lighting standard.

RP-6 Lighting Levels for Football & Soccer Fields IESNA Technical Report RP-6-01 recommends the following lighting levels:

- | | | |
|-------------|--|----------------------------------|
| • Class I | Competition – 5,000 to 10,000 spectators | 100 f/c football / 75 f/c soccer |
| • Class II | Competition – up to 5,000 spectators | 50 f/c football / 50 f/c soccer |
| • Class III | Competition – some spectators | 30 f/c football / 30 f/c soccer |
| • Class IV | Recreational – no spectators | 20 f/c football / 20 f/c soccer |

RP-6 Lighting Levels for Softball Fields IESNA Technical Report RP-6-01 recommends the following lighting levels:

- | | | |
|-------------|--|------------------------------------|
| • Class I | Competition – 5,000 to 10,000 spectators | 150 f/c infield / 100 f/c outfield |
| • Class II | Competition – up to 5,000 spectators | 100 f/c infield / 70 f/c outfield |
| • Class III | Competition – some spectators | 50 f/c infield / 30 f/c outfield |
| • Class IV | Recreational – no spectators | 30 f/c infield / 20 f/c outfield |

Our Recommendations The accepted authority on lighting design in this country is the IESNA. The national standard for outdoor sports lighting is their technical report RP-6-01. While it is obvious that Mr. Armstrong prefers to design to a lesser lighting level, that is not the recommendation contained in the report that his committee updated in 2001. His 2006 letter to the Flagstaff Dark Skies Coalition was presumably written to a client; a client who has a preference for designs on the darker end of the acceptable range.

The proposed use of Memorial field is not strictly recreational. Although the field will be used for physical education classes (which may be classed as recreational), it will also be used for formal practice and competition. It will not be used for varsity football games, so the spectators at competitive events will probably be limited to a few students and the parents of the players. For this reason, we believe Class III lighting is appropriate.

The proposed lighting for the football and soccer field provides an average illumination of 32.7 f/c, which closely matches the 30 f/c Class III recommendations. The proposed lighting for the softball field provides an average illumination of 50.4 f/c for the infield and 33.8 f/c for the outfield, which closely matches the 50 f/c & 30 f/c Class III recommendations. It should be noted that a reduction in the average illumination on the field may reduce the number of lamps on each pole, but would not reduce the number of light poles required nor would it reduce the height of the poles.

Please contact us if you have any questions or require additional information.

– end –

Table 7: Summary of Outdoor Illuminance Levels

| Outdoor Applications | | | | | | | | | |
|----------------------------------|------------------------------|---------------|------------|-----|----------|----|--------------|---------------|---------|
| SPORT | Lighted Area | Class of Play | Horizontal | | Vertical | | Uniformity | | Section |
| | | | Lux | fc | Lux | fc | CV | Max./Min | |
| Archery | Shooting Line | III | 100 | 10 | | | 0.21 or Less | 2.5:1 or Less | 6.4 |
| | Target @ 30.4m (100') | | | | 300 | 30 | | | |
| | Target @ 91.4m (300') | | | | 500 | 50 | | | |
| | Shooting Line | IV | 100 | 10 | | | 0.25 or Less | 3:1 or Less | |
| | Target @ 30.4m (100') | | | | 200 | 20 | | | |
| Target @ 91.4m (300') | | | 300 | 30 | | | | | |
| Baseball & Softball | Infield | I | 1500 | 150 | | | 0.07 or Less | 1.2:1 or Less | 6.5 |
| | Outfield | | 1000 | 100 | | | 0.13 or Less | 1.7:1 or Less | |
| | Infield | II | 1000 | 100 | | | 0.10 or Less | 1.5:1 or Less | |
| | Outfield | | 700 | 70 | | | 0.17 or Less | 2:1 or Less | |
| | Infield | III | 500 | 50 | | | 0.17 or Less | 2:1 or Less | |
| | Outfield | | 300 | 30 | | | 0.21 or Less | 2.5:1 or Less | |
| | Infield | IV | 300 | 30 | | | 0.21 or Less | 2.5:1 or Less | |
| | Outfield | | 200 | 20 | | | 0.25 or Less | 3:1 or Less | |
| Basketball | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | 6.6 |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| Bicycle Racing | Track* | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | 6.7 |
| | Final 100' & Finish* | | 500 | 50 | | | | | |
| | Track* | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| | Final 100' & Finish* | | 300 | 30 | | | | | |
| Dog Racing* | | | 300 | 30 | | | 0.25 or Less | 3:1 or Less | 6.8 |
| Drag Racing | Area 1* | I | 200 | 20 | | | 0.21 or Less | 2.5:1 or Less | 6.9 |
| | Area 2* | | 300 | 30 | | | 0.13 or Less | 1.7:1 or Less | |
| | Area 3A* | | 250 | 25 | | | 0.13 or Less | 1.7:1 or Less | |
| | Area 3B* | | 200 | 20 | | | 0.21 or Less | 2.5:1 or Less | |
| | Area 4* | | 100 | 10 | | | 0.25 or Less | 3:1 or Less | |
| | Area 1* | II | 100 | 10 | | | 0.25 or Less | 3:1 or Less | |
| | Area 2* | | 200 | 20 | | | 0.21 or Less | 2.5:1 or Less | |
| | Area 3A* | | 150 | 15 | | | 0.25 or Less | 3:1 or Less | |
| | Area 3B* | | 100 | 10 | | | | | |
| | Area 4* | | 50 | 5 | | | | | |
| Field Hockey | | II | 500 | 50 | | | 0.21 or Less | 2.5:1 or Less | 6.10 |
| | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| Football | | I | 1000 | 100 | | | 0.13 or Less | 1.7:1 or Less | 6.11 |
| | | II | 500 | 50 | | | 0.21 or Less | 2.5:1 or Less | |
| | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| Golf Course | Tee Boxes* | | 50 | 5 | | | 0.25 or Less | 3:1 or Less | 6.12 |
| | Fairways* | | 30 | 3 | | | 0.35 or Less | 5.7:1 or Less | |
| Golf: Driving Ranges | Greens* | | 50 | 5 | | | 0.25 or Less | 3:1 or Less | 6.13 |
| | Tee Boxes*
At 183m (600') | | 200 | 20 | | | 0.25 or Less | 3:1 or Less | |
| Handball, Racquetball and Squash | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | 6.14 |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| Horse Racing | Track | | 500 | 50 | | | 0.25 or Less | 3:1 or Less | 6.15 |
| | Home Stretch | | 1000 | 100 | | | 0.13 or Less | 1.7:1 or Less | |
| | Finish Line | | | | 700 | 70 | | | |
| Ice/Roller Hockey* | | II | 500 | 50 | | | 0.21 or Less | 2.5:1 or Less | 6.16 |
| | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| Ice Skating (Speed*) | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | 6.17 |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |

Table 7: Summary of Outdoor Illuminance Levels (continued)

| SPORT | Lighted Area | Class of Play | Horizontal | | Vertical | | Uniformity | | Section |
|------------------------------|--|---------------|------------|-----|----------|-----|--------------|---------------|---------|
| | | | Lux | fc | Lux | fc | CV | Max:/Min | |
| Lacrosse | | II | 500 | 50 | | | 0.21 or Less | 2.5:1 or Less | 6.18 |
| | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| Motor Racing | Track | II | 300 | 30 | | | 0.21 or Less | 2.5:1 or Less | 6.19 |
| | Finish Line | | 750 | 75 | | | | | |
| | Track | III | 200 | 20 | | | 0.25 or Less | 3:1 or Less | |
| | Finish Line | | 500 | 50 | | | | | |
| Platform Tennis | | II | 500 | 50 | | | 0.17 or Less | 2:1 or Less | 6.20 |
| | | III | 300 | 30 | | | | | |
| | | IV | 200 | 20 | | | | | |
| Rifle/Pistol Ranges | Shooting Line Target | III | 100 | 10 | 500 | 50 | 0.17 or Less | 2:1 or Less | 6.21 |
| Rodeo And Animal Shows | | II | 500 | 50 | | | 0.21 or Less | 2.5:1 or Less | 6.22 |
| | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | |
| Skeet And Trap Shooting | Shooting Line Target @ 18.3m (60') | III | 100 | 10 | 300 | 30 | 0.21 or Less | 2.5:1 or Less | 6.23 |
| | Target @ 30.5m (100') | | | | 400 | 40 | | | |
| | Shooting Line Target @ 18.3m (60') | IV | 100 | 10 | 200 | 20 | 0.25 or Less | 3:1 or Less | |
| | Target @ 30.5m (100') | | | | 200 | 20 | | | |
| Skiing | | | 6 | 0.5 | 2 | 0.2 | No Criteria | | 6.24 |
| Soccer | | I | 750 | 75 | | | 0.13 or Less | 1.7:1 or Less | 6.25 |
| | | II | 500 | 50 | | | 0.21 or Less | 2.5:1 or Less | |
| | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| Softball | | | | | | | | | 6.26 |
| Swimming (Water Sports) | Luminances of the Pool Surface (Candelas per Square Meter) | II | 26 | | | | 0.21 or Less | 2.5:1 or Less | 6.27 |
| | | III | 15 | | | | 0.25 or Less | 3:1 or Less | |
| | | IV | 15 | | | | 0.3 or Less | 4:1 or Less | |
| | Illuminances on Pool Deck | II | 500 | 50 | | | 0.21 or Less | 2.5:1 or Less | |
| | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | |
| | | IV | 300 | 30 | | | 0.3 or Less | 4:1 or Less | |
| Tennis | | I | 1250 | 125 | | | 0.13 or Less | 1.7:1 or Less | 6.28 |
| | | II | 750 | 75 | | | 0.21 or Less | 2.5:1 or Less | |
| | | III | 500 | 50 | | | 0.25 or Less | 3:1 or Less | |
| | | IV | 300 | 30 | | | 0.3 or Less | 4:1 or Less | |
| Track & Field | | II | 500 | 50 | | | 0.21 or Less | 2.5:1 or Less | 6.29 |
| | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| Volleyball | | III | 300 | 30 | | | 0.25 or Less | 3:1 or Less | 6.30 |
| | | IV | 200 | 20 | | | 0.3 or Less | 4:1 or Less | |
| Specialty Sports | | | | | | | | | |
| Badminton | | | 100 | 10 | | | 0.25 or Less | 3:1 or Less | 6.31 |
| Bowling Green | | | 50 | 5 | | | 0.25 or Less | 3:1 or Less | 6.31 |
| Miniature Golf | | | 100 | 10 | | | 0.25 or Less | 3:1 or Less | 6.31 |
| Horseshoes (General Area) | | | 50 | 5 | | | 0.3 or Less | 4:1 or Less | 6.31 |
| Night Fishing (At Dock) | | | 100 | 10 | | | 0.3 or Less | 4:1 or Less | 6.31 |
| Quoits (General Area) | | | 50 | 5 | | | 0.3 or Less | 4:1 or Less | 6.31 |
| Shuffle Board (General Area) | | | 50 | 5 | | | 0.25 or Less | 3:1 or Less | 6.31 |
| Skating Pond (General Area) | | | 10 | 1 | | | 0.3 or Less | 4:1 or Less | 6.31 |
| Washer Pitching | | | 50 | 5 | | | 0.3 or Less | 4:1 or Less | 6.31 |

* = Readings Taken at Grade. All other readings taken at 1 Meter (3')

MEMORANDUM

TO: Mark Franz, Village Manager

FROM: Staci Hulseberg, Planning and Development Director
Michele Stegall, Village Planner *MJS* *SH*

DATE: January 25, 2012

FOR: January 30, 2012 Village Board Workshop Meeting

RE: RFP – Downtown Streetscape and Parking Study



Background. In August of 2011, the Village was awarded a \$50,000 Community Planning Grant from the Chicago Metropolitan Agency for Planning (CMAP) to conduct a downtown streetscape and parking study. An Intergovernmental Agreement with CMAP for the grant was subsequently approved by the Village Board last fall. A draft Request for Proposals (RFP) has been prepared for the study and has been reviewed by CMAP. The RFP would be sent to consulting firms with experience in streetscape design and parking. It will also be forwarded to the American Planning Association and CMAP for posting and placed on the Village's website.

Submitted proposals will be reviewed by a team of individuals including representatives from the Planning and Development, Police and Public Works Departments. If needed, the team will conduct interviews with the finalists before recommending a firm to the Village Board.

Issues. None.

Recommendation. Village staff would like to issue the RFP as soon as possible so that we can get a consultant on board and begin working on this exciting project which must be completed by June 30, 2013.

Action Requested. The Village Board is requested to review the attached RFP and provide any comments or suggestions to Village staff by Friday, February 3. If time allows, this item may be discussed at the January 30, 2012 Village Board workshop meeting.

Attachment. Draft RFP

Cc: Phil Norton, Police Chief
Julius Hanson, Public Works Director
Kasey Matthews, Planning Intern
Lindsey Banks, CMAP

**DOWNTOWN GLEN ELLYN
STREETSCAPE PLAN AND PARKING STUDY
REQUEST FOR PROPOSALS
February 2012**

Overview

The Village of Glen Ellyn, Illinois is seeking the services of a consultant or consultants with expertise in downtown streetscape design and parking to assist in the creation of a downtown streetscape plan and parking study. Respondents should have experience in citizen involvement, visioning, streetscape design and/or downtown parking strategies including the design of downtown parking garages. The final product will be a downtown streetscape plan and a parking study that will include an evaluation of parking management strategies, including a price component, and five potential parking garage locations. Based on the evaluation of the five parking garage locations, the Village plans to select two locations on which to pursue future construction. The future construction of these two garages is not part of the scope of this study.

In October 2010, the Chicago Metropolitan Agency for Planning (CMAP) adopted a comprehensive regional plan, GO TO 2040, for the seven counties making up the Chicago metropolitan area including Cook, DuPage, Kane, Kendall, Lake, McHenry and Will. Implementation of GO TO 2040 is supported by the Community Planning grant program and is designed to provide assistance to municipalities for projects linking land use and transportation that are consistent with the regional plan. Glen Ellyn was awarded a Community Planning Grant from CMAP in August of 2011, to fund this downtown streetscape plan and parking study.

Background

In October of 2009, the Village adopted a Downtown Strategic Plan. This downtown streetscape and parking study is intended to further some of the recommendations of the Strategic Plan and assist in creating an *"economically-viable Downtown that is attractive to citizens and businesses."* A number of projects intended to further the recommendations in the Downtown Strategic Plan are currently underway including:

- A study evaluating the possibility of changing the downtown's one-way streets to two-way streets.
- A new proposed TIF district.
- The possible creation of a new downtown historic district.

The Village also recently facilitated the creation of a new downtown organization. The primary responsibilities of the Alliance of Downtown Glen Ellyn are downtown marketing and events. The Alliance also serves as an ombudsman for downtown businesses. The Village anticipates that the Alliance will be actively involved in this study by facilitating input from downtown business and property owners. A copy of the Village of Glen Ellyn Downtown Strategic Plan can be found at www.glenellyn.org.

Existing Conditions

The Village of Glen Ellyn is located approximately 25 miles west of Chicago and has a population of 27,400. Glen Ellyn is an attractive and desirable suburban community noted for its quality

residential neighborhoods, “small-town” atmosphere, historic downtown, and variety of public and institutional amenities. Glen Ellyn is primarily a single-family residential community.

The downtown covers approximately 72 acres (.112 square miles), includes approximately 200 parcels, and contains two zoning districts, the C5A Central Business District Central Retail Core and the C5B Central Business District Central Service Subdistrict (see attached “Study Area” map). The downtown is one of three commercial areas in the Village (the others include the Roosevelt Road corridor and the Stacy’s Corners district). There are a number of historic buildings in the downtown as well as a handful of more recent developments.

In the heart of downtown Glen Ellyn is a Metra Station that provides easy access to and from Glen Ellyn. An estimated number of 180 commuter and freight trains pass through the downtown each day. As a result, the rail line effectively divides the central business district into a north side and south side. The Illinois Prairie Path, a 61-mile multi-use path running from Elgin to Forest Park, runs alongside the railroad tracks through the downtown.

There are currently over 3,000 public and private parking stalls in the downtown making up a combination of permitted, hourly, metered and unrestricted stalls. Just over half of the 3,000 stalls are public or on-street. The remaining stalls are on private property serving individual businesses or property owners. Parking stall counts and parking lot occupancy surveys can be found in the Village’s Downtown Strategic Plan, Appendix C – Chapter 6.

Existing streetscape improvements in the downtown include concrete sidewalks, decorative street lights, street trees, benches, fencing and signage. The style and design of many of these improvements is inconsistent. Among other things, the downtown could benefit from additional streetscape improvements including better defined crosswalks, the introduction of additional hardscape materials, enhanced landscaping and an overall consistency of design elements.

Scope of Work

The selected consultant or consultants will be expected to work with Village staff, the Architectural Review Commission (ARC), Plan Commission (PC) and the Village Board of Trustees (Village Board) to complete a Downtown Streetscape Plan and Parking Study. In completing the study, the consultant(s) should perform the following tasks:

Task 1: *Kick-off Meeting with Village Staff*

Consultant(s) will meet with Village staff to review the scope of services, project timeline, share relevant information and documents, and answer any questions the consultant(s) may have.

Task 2: *Develop Streetscape Area Improvement Boundaries and Meet with ARC*

Present and receive feedback from the ARC at a public meeting on potential boundaries for different levels of streetscape improvements to be used throughout the study area. Share images of various streetscape designs/concepts to gauge the ARC’s and community’s tastes and preferences.

- Task 3: *Prepare Preliminary Streetscape Plan*
Prepare preliminary streetscape plan including recommendations for items such as landscaping, decorative pavers, street furniture, tree wells and grates, tree spacing, tree types, tree replacements, bike paths, bike racks, the placement of way-finding, gateway, and other signage, and an evaluation of opportunities to widen sidewalks.
- Task 4: *Preliminary Evaluation of Parking Management Strategies and Potential Parking Garage Locations*
Research existing downtown parking management strategies including such things as time limits, costs, and other restrictions (some information is already contained in the Downtown Strategic Plan), review the results of a parking survey completed as part of the Downtown Strategic Plan and evaluate the 5 identified potential parking garage locations. Parking garage locations should be evaluated based on the number of parking spaces possible at each location (including a concept plan showing layout), a cost estimate for construction and annual maintenance, identification of the pros and cons of each location and suggestions for exterior treatments compatible with the historic character of the downtown.
- Task 5: *Prepare Preliminary Streetscape Plan and Parking Evaluation*
Based on the completed research and analysis, the consultant(s) will prepare a preliminary streetscape plan and parking evaluation.
- Task 6: *Meeting with Village Staff*
Meet with Village Staff to present and review the preliminary streetscape plan and parking evaluation.
- Task 7: *Meeting with the ARC*
Present the preliminary streetscape plan to the ARC at a public meeting and receive comments from the public. The ARC will then make a recommendation to the Village Board on the plan.
- Task 8: *Meeting with the PC*
Present the findings of the preliminary parking study to the PC at a public meeting and receive comments from the public. The PC will then make a recommendation to the Village on the plan.
- Task 9: *Prepare Revised Streetscape and Parking Study*
Revise the streetscape plan based on feedback received at the ARC and PC meetings.
- Task 10: *Meeting with the Village Board*
Present the proposed streetscape plan and the parking study to the Village Board of Trustees at a workshop meeting and receive comments from the public and the Village Board.
- Task 11: *Prepare Final Revisions to Downtown Streetscape Plan and Parking Study*
Prepare revised streetscape plan and parking study based on feedback received at the Village Board meeting.
- Task 12: *Final Presentation to the Village Board and Plan Approval*
Present the revised streetscape plan and parking study to the Village Board for adoption.

Throughout the public review process, the selected consultant(s) may be requested to attend an additional 1-3 public meetings of the Village's choice. If significant changes are requested after the ARC and PC meetings (Tasks 8 and 9 above), it is likely that these additional meetings could come in the form of additional meetings with one or both of these Commissions. All submitted proposals should include the cost for attending any additional meetings beyond those identified in Tasks 1-12 above if it would impact the quoted costs of work.

Desired Outcome

The final product should be a plan or plans that utilize visual aides to clarify suggestions and recommendations and includes the following components:

The Streetscape Portion of the Study Should Include:

- Assessment of the existing downtown streetscape.
- Assessment of community tastes and preferences related to streetscape design.
- Assessment of needed streetscape amenities.
- If appropriate, boundaries for the installation of different levels of streetscape improvements should be clearly identified.
- Recommendations for the style and location of landscaping, decorative pavers, street furniture, bike paths and bike racks, the placement of way-finding, gateway, and other signage, an evaluation of opportunities to widen sidewalks, and any other appropriate streetscape improvements that may be suggested by the consultant(s).

The Parking Portion of the Study Should Include:

- Assessment of existing parking conditions and capacities (parking data can be found in the Downtown Strategic Plan, Appendix C - Chapter 6).
- Assessment of potential parking management strategies.
- Evaluation of the 5 potential parking garage locations, including:
 - ♦ Sketches of potential parking garage layouts;
 - ♦ Number of parking stalls possible;
 - ♦ Exterior design concepts;
 - ♦ Estimated construction costs for each level;
 - ♦ Financial feasibility including construction and maintenance costs; and
 - ♦ The pros and cons of each location.
- A recommendation for improved parking management strategies including such things as time-limits, pricing and location.
- A recommendation for two preferred parking garage locations.

All final plans and documents should be in a format suitable for presentation to the Village Board and include, where appropriate, sufficient detail so they may be utilized to develop construction drawings. An electronic copy of the final approved study and 20 bound color copies should be provided to the Village.

Submission Requirements

Interested consultants should submit 6 hard copies of the proposal plus 1 digital copy on disc. Consultants may partner together to meet the goals of the study. The following information should be included in the proposal.

- 1-2 page Statement of Qualifications summarizing the particular advantages of the team for the streetscape plan and/or the parking management study.
- 1-2 page statement of approach that would be used to complete the project.
- Key team member resumes/qualifications and proposed role on the team.
- At least three references, with contact information, preferably for comparable projects.
- Estimated timeframe needed to complete the project.
- Hourly rates for proposed team members.
- Estimated cost for each portion of the study and a total estimated project cost.

Applicants are also encouraged to include excerpts of plans from other similar projects.

Evaluation

Proposals will be evaluated in the following areas:

- Qualifications and demonstrated experience with similar projects.
- Reputation of firm or organization based on references.
- Project approach.
- Understanding of project needs.
- Cost to the Village for proposed services.

The Village may choose to interview finalists prior to a final decision being made.

Federal Agreements and Rights

The selected consultants will be required to abide by all federal laws including the "Agreements and Rights" attached hereto as Exhibit "A".

Inquiries

All inquiries should be directed to:

Staci Hulseberg, AICP
Planning and Development Director
Village of Glen Ellyn
535 Duane Street
Glen Ellyn, IL 60137
Phone: 630-547-5241
Email: shulseberg@glenellyn.org

Budget

The Village has been awarded a \$50,000 grant from the Chicago Metropolitan Agency for Planning to complete all aspects of the study.

Deadline

All responses should be submitted to the attention of Planning and Development Director Staci Hulseberg no later than 4:00 pm on Wednesday, February 29, 2012. Late submissions will not be considered.

Exhibit A - Agreements and Rights

Federally Funded Agreements

A. Standard Assurances. The Contractor assures that it will comply with all applicable federal statutes, regulations, executive orders, Federal Transit Administration (FTA) circulars, and other federal requirements in carrying out any project supported by federal funds. The Contractor recognizes that federal laws, regulations, policies, and administrative practices may be modified from time to time and those modifications may affect project implementation. The Contractor agrees that the most recent federal requirements will apply to the project.

B. Certification Regarding Lobbying. As required by the United States Department of Transportation (U.S. DOT) regulations, "New Restrictions on Lobbying," at 49 CFR 20.110, the Contractor's authorized representative certifies to the best of his or her knowledge and belief that for each agreement for federal assistance exceeding \$100,000:

1. No federal appropriated funds have been or will be paid by or on behalf of the Contractor to any person to influence or attempt to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress regarding the award of federal assistance, or the extension, continuation, renewal, amendment, or modification of any federal assistance agreement; and
2. If any funds other than federal appropriated funds have been or will be paid to any person to influence or attempt to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with any application for federal assistance, the Contractor assures that it will complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," including information required by the instructions accompanying the form, which form may be amended to omit such information as authorized by 31 U.S.C. 1352.
3. The language of this certification shall be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements).

The Contractor understands that this certification is a material representation of fact upon which reliance is placed and that submission of this certification is a prerequisite for providing federal assistance for a transaction covered by 31 U.S.C. 1352. The Contractor also understands that any person who fails to file a required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

C. Nondiscrimination Assurance. As required by 49 U.S.C. 5332 (which prohibits discrimination on the basis of race, color, creed, national origin, sex, or age, and prohibits discrimination in employment or business opportunity), Title VI of the Civil Rights Act of 1964, as

amended, 42 U.S.C. 2000d, and U.S. DOT regulations, "Nondiscrimination in Federally-Assisted Programs of the Department of Transportation--Effectuation of Title VI of the Civil Rights Act," 49 CFR Part 21 at 21.7, the Contractor assures that it will comply with all requirements of 49 CFR Part 21; FTA Circular 4702.1A, "Title VI and Title VI - Dependent Guidelines for Federal Transit Administration Recipients," and other applicable directives, so that no person in the United States, on the basis of race, color, national origin, creed, sex, or age will be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination in any program or activity (particularly in the level and quality of transportation services and transportation-related benefits) for which the Contractor receives federal assistance.

Specifically, during the period in which federal assistance is extended to the project, or project property is used for a purpose for which the federal assistance is extended or for another purpose involving the provision of similar services or benefits, or as long as the Contractor retains ownership or possession of the project property, whichever is longer, the Contractor assures that:

1. Each project will be conducted, property acquisitions will be undertaken, and project facilities will be operated in accordance with all applicable requirements of 49 U.S.C. 5332 and 49 CFR Part 21, and understands that this assurance extends to its entire facility and to facilities operated in connection with the project.
2. It will promptly take the necessary actions to effectuate this assurance, including notifying the public that complaints of discrimination in the provision of transportation-related services or benefits may be filed with U.S. DOT or FTA. Upon request by U.S. DOT or FTA, the Contractor assures that it will submit the required information pertaining to its compliance with these requirements.
3. It will include in each subagreement, property transfer agreement, third party contract, third party subcontract, or participation agreement adequate provisions to extend the requirements of 49 U.S.C. 5332 and 49 CFR Part 21 to other parties involved therein including any subrecipient, transferee, third party contractor, third party subcontractor at any level, successor in interest, or any other participant in the project.
4. Should it transfer real property, structures, or improvements financed with federal assistance to another party, any deeds and instruments recording the transfer of that property shall contain a covenant running with the land assuring nondiscrimination for the period during which the property is used for a purpose for which the federal assistance is extended or for another purpose involving the provision of similar services or benefits.
5. The United States has a right to seek judicial enforcement with regard to any matter arising under the Act, regulations, and this assurance.
6. It will make any changes in its 49 U.S.C. 5332 and Title VI implementing procedures as U.S. DOT or FTA may request.

D. Control of Property. The Contractor certifies that the control, utilization and disposition of property or equipment acquired using federal funds is maintained according to the provisions of OMB Circular A-102 Common Rule.

E. Cost Principles. The cost principles of this Agreement are governed by the cost principles found in 49 CFR Part 18.22 and OMB Circular A-87, "Cost Principles for State, local or Indian tribal governments", and all costs included in this Agreement are allowable under 49 CFR Part 18.22 and OMB Circular A-87, "Cost Principles for State, local or Indian tribal governments".

F. Debarment. The Contractor shall comply with Debarment provisions as contained in 2 CFR Part 1200, as amended. The Contractor certifies that to the best of its knowledge and belief, the Contractor and the Contractor's principals: a) are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any federal department or agency; b) within a three-year period preceding this Agreement have not been convicted of or had a civil judgment rendered against it for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public (federal, state or local) transaction or contract under a public transaction, violation of federal or state anti-trust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements or receiving stolen property; c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state or local) with commission of any of the offenses enumerated in subsection (b), above; and d) have not within a three-year period preceding this Agreement had one or more public transactions (federal, state or local) terminated for cause or default.

The inability of the Contractor to certify to the certification in this section will not necessarily result in denial of participation in this Agreement. The Contractor shall submit an explanation of why it cannot provide the certification in this section. This certification is a material representation of fact upon which reliance was placed when CMAP determined whether to enter into this transaction. If it is later determined that the Contractor knowingly rendered an erroneous certification, in addition to other remedies available to the federal government, CMAP may terminate this Agreement for cause. The Contractor shall provide immediate written notice to CMAP if at any time the Contractor learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this Part shall have the meaning set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549.

The Contractor agrees that it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible or voluntarily excluded from participation in this covered transaction, unless authorized, in writing, by CMAP. The Contractor Agrees that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," provided by CMAP, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions. The Contractor may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible or voluntarily excluded from the covered transaction, unless the Contractor knows the certification is erroneous. The Contractor may decide the method and frequency by which it determines the eligibility of its principals. The Contractor may, but is not required to, check the Non-procurement List. If the Contractor knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible or voluntarily excluded from participation, in addition to other remedies available to the federal government, CMAP may terminate this Agreement for cause or default.

Nothing contained in this section shall be construed to require establishment of a system of records in order to render in good faith the certification required by this section. The knowledge and information of the Contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

G. Single Audit. The Single Audit Act of 1984 (Public Law 98-502) and the Single Audit Amendments of 1996 (P.L. 104-156) require the following:

1. State or local governments that receive \$500,000 or more a year in federal financial assistance shall have an audit made in accordance with the Office of Management and Budget (OMB) Circular No. A-133.
2. State or local governments that receive less than \$500,000 a year shall be exempt from compliance with the Act and other federal requirements.
3. Nothing in this paragraph exempts state or local governments from maintaining records of federal financial assistance or from providing access to such records to federal Agencies, as provided for in federal law or in Circular A-133 "Audits of States, Local Governments and Non-Profit Organizations."
4. A copy of the audit report must be submitted to CMAP within 30 days after completion of the audit, but no later than one year after the end of the Contractor's fiscal year.

H. Drug Free Workplace. The Contractor certifies that it will comply with the requirements of the federal Drug Free Workplace Act, 41 U.S.C. 702 as amended, and 49 CFR 32.

I. Disadvantaged Business Enterprise Assurance. In accordance with 49 CFR 26.13(a), as amended, the Contractor assures that it shall not discriminate on the basis of race, color, national origin, or sex in the implementation of the project and in the award and performance of any third party contract, or subagreement supported with Federal assistance derived from the U.S. DOT or in the administration of its Disadvantaged Business Enterprise (DBE) program or the requirements of 49 CFR Part 26, as amended. The Contractor assures that it shall take all necessary and reasonable steps set forth in 49 CFR Part 26, as amended, to ensure nondiscrimination in the award and administration of all third party contracts and subagreements supported with Federal assistance derived from the U.S. DOT. The Contractor's DBE program, as required by 49 CFR Part 26, as amended, will be incorporated by reference and made a part of this Agreement for any Federal assistance awarded by FTA or U.S. DOT. Implementation of this DBE program is a legal obligation of the Contractor, and failure to carry out its terms shall be treated as a violation of the Agreement. Upon notification by the Federal Government or CMAP to the Contractor of its failure to implement its approved DBE program, the U.S. DOT may impose sanctions as provided for under 49 CFR Part 26, as amended, and may in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001, as amended, and/or the Program Fraud Remedies Act, 31 U.S.C. 3801 *et seq.*, as amended.

J. Assurance of Nondiscrimination on the Basis of Disability. As required by U.S. DOT regulations, "Nondiscrimination on the Basis of Handicap in Programs and Activities Receiving or Benefiting from Federal Financial Assistance," at 49 CFR 27.9, the Contractor assures that, as a condition to the approval or extension of any Federal assistance awarded by FTA to construct any facility, obtain any rolling stock or other equipment, undertake studies, conduct

research, or to participate in or obtain any benefit from any program administered by FTA, no otherwise qualified person with a disability shall be, solely by reason of that disability, excluded from participation in, denied the benefits of, or otherwise subjected to discrimination in any program or activity receiving or benefiting from Federal assistance administered by the FTA or any entity within U.S. DOT. The Contractor assures that project implementation and operations so assisted will comply with all applicable requirements of U.S. DOT regulations implementing the Rehabilitation Act of 1973, as amended, 29 U.S.C. 794, *et seq.*, and the Americans with Disabilities Act of 1990, as amended, 42 U.S.C. 12101 *et seq.*, and implementing U.S. DOT regulations at 49 CFR parts 27, 37, and 38, and any applicable regulations and directives issued by other Federal departments or agencies.

K. Procurement Compliance Certification. The Contractor certifies that its procurements and procurement system will comply with all applicable third party procurement requirements of Federal laws, executive orders, regulations, and FTA directives, and requirements, as amended and revised, as well as other requirements FTA may issue including FTA Circular 4220.1F, "Third Party Contracting Guidance," and any revisions thereto, to the extent those requirements are applicable. The Contractor certifies that it will include in its contracts financed in whole or in part with FTA assistance all clauses required by Federal laws, executive orders, or regulations, and will ensure that each subrecipient and each contractor will also include in its subagreements and its contracts financed in whole or in part with FTA assistance all applicable clauses required by Federal laws, executive orders, or regulations.

L. Intelligent Transportation Systems Program. As used in this assurance, the term Intelligent Transportation Systems (ITS) project is defined to include any project that in whole or in part finances the acquisition of technologies or systems of technologies that provide or significantly contribute to the provision of one or more ITS user services as defined in the "National ITS Architecture."

1. In accordance with Section 5307(c) of SAFETEA-LU, 23 U.S.C. 502 note, the Contractor assures it will comply with all applicable requirements of Section V (Regional ITS Architecture and Section VI (Project Implementation)) of FTA Notice, "FTA National ITS Architecture Policy on Transit Projects," at 66 *Fed. Reg.* 1455 *et seq.*, January 8, 2001, and other FTA requirements that may be issued in connection with any ITS project it undertakes financed with Highway Trust Funds (including funds from the mass transit account) or funds made available for the Intelligent Transportation Systems Program authorized by SAFETEA-LU, 23 U.S.C. 502 note.
2. With respect to any ITS project financed with Federal assistance derived from a source other than Highway Trust Funds (including funds from the Mass Transit Account) or SAFETEA-LU, 23 U.S.C. 502 note, the Contractor assures that it will use its best efforts to ensure that any ITS project it undertakes will not preclude interface with other intelligent transportation systems in the Region.

M. Davis-Bacon Act. To the extent applicable, the Contractor will comply with the Davis-Bacon Act, as amended, 40 U.S.C. 3141 *et seq.*, the Copeland "Anti-Kickback" Act, as amended, 18 U.S.C. 874, and the Contract Work Hours and Safety Standards Act, as amended, 40 U.S.C. 3701 *et seq.*, regarding labor standards for federally assisted subagreements.

N. Certifications and Assurances Required by the U.S. Office of Management and Budget (OMB) (SF-424B and SF-424D)

As required by OMB, the Contractor certifies that it:

1. Has the legal authority and the institutional, managerial, and financial capability (including funds sufficient to pay the non-federal share of project cost) to ensure proper planning, management, and completion of the project.
2. Will give the U.S. Secretary of Transportation, the Comptroller General of the United States, and, if appropriate, the state, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives;
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest or personal gain;
4. Will initiate and complete the work within the applicable project time periods;
5. Will comply with all applicable Federal statutes relating to nondiscrimination including, but not limited to:
 - Title VI of the Civil Rights Act, 42 U.S.C. 2000d, which prohibits discrimination on the basis of race, color, or national origin;
 - Title IX of the Education Amendments of 1972, as amended, 20 U.S.C. 1681 through 1683, and 1685 through 1687, and U.S. DOT regulations, "Nondiscrimination on the Basis of Sex in Education Programs or Activities Receiving Federal Financial Assistance," 49 CFR Part 25, which prohibit discrimination on the basis of sex;
 - Section 504 of the Rehabilitation Act of 1973, as amended, 29 U.S.C. 794, which prohibits discrimination on the basis of handicap;
 - The Age Discrimination Act of 1975, as amended, 42 U.S.C. 6101 through 6107, which prohibits discrimination on the basis of age;
 - The Drug Abuse, Prevention, Treatment and Rehabilitation Act, Public Law 92-255, and amendments thereto, 21 U.S.C. 1101 *et seq.* relating to nondiscrimination on the basis of drug abuse;
 - The Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970, Public Law 91-616, and amendments thereto, 42 U.S.C. 4541 *et seq.* relating to nondiscrimination on the basis of alcohol abuse or alcoholism;
 - The Public Health Service Act of 1912, as amended, 42 U.S.C. 290dd-2 related to confidentiality of alcohol and drug abuse patient records;
 - Title VIII of the Civil Rights Act, 42 U.S.C. 3601 *et seq.*, relating to nondiscrimination in the sale, rental, or financing of housing;
 - Any other nondiscrimination provisions in the specific statutes under which Federal assistance for the project may be provided including, but not limited, to 49 U.S.C. 5332, which prohibits discrimination on the basis of race, color, creed,

national origin, sex, or age, and prohibits discrimination in employment or business opportunity, and Section 1101(b) of the Transportation Equity Act for the 21st Century, 23 U.S.C. 101 note, which provides for participation of disadvantaged business enterprises in FTA programs; and

- Any other nondiscrimination statute(s) that may apply to the project.

6. Will comply with all federal environmental standards applicable to the project, including but not limited to:

- Institution of environmental quality control measures under the National Environmental Policy Act of 1969 and Executive Order 11514;
- Notification of violating facilities pursuant to Executive Order 11738;
- Protection of wetlands pursuant to Executive Order 11990;
- Evaluation of flood hazards in floodplains in accordance with Executive Order 11988;
- Assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972, 16 U.S.C. 1451 et seq.;
- Conformity of federal Actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended, 42 U.S.C. 7401 et seq.;
- Protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended;
- Protection of endangered species under the Endangered Species Act of 1973, as amended;
- The Wild and Scenic Rivers Act of 1968, 16 U.S.C. 1271 et seq., which relates to protecting components or potential components of the national wild scenic rivers system.

7. Will comply with all other federal statutes applicable to the project, including but not limited to:

- Title II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, which provides for fair and equitable treatment of persons displaced whose property is acquired as a result of federal or federally-assisted programs;
- The Hatch Act, 5 U.S.C. 1501-1508 and 7324-7328, which limits the political activities of employees whose principal employment activities are funded in whole or in part with federal funds;
- The Flood Disaster Protection Act of 1973, which requires the purchase of flood insurance in certain instances;
- Section 106 of the National Historic Preservation Act of 1966, as amended, 16 U.S.C. 470;
- Executive Order 11593, which relates to identification and protection of historic properties;

- The Archaeological and Historic Preservation Act of 1974, 16 U.S.C. 469a-1 et seq.;
- The Laboratory Animal Welfare Act of 1966, as amended, 7 U.S.C. 2131 et seq., which relates to the care, handling, and treatment of warm-blooded animals held for research, teaching, or other activities supported by a federal award of assistance;
- The Lead-Based Paint Poisoning Prevention Act, 42 U.S.C. 4801 et seq., which relates to prohibiting the use of lead-based paint in construction or rehabilitation of residence structures;
- The Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."

O. Energy Conservation To the extent applicable, the Contractor and its third party contractors at all tiers shall comply with mandatory standards and policies relating to energy efficiency that are contained in applicable state energy conservation plans issued in compliance with the Energy Policy and Conservation Act, 42 U.S.C. Section 6321 et seq.

P. Clean Water For all contracts and subcontracts exceeding \$100,000, the Contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Water Pollution Control Act, 33 U.S.C. Section 1251 et seq.

Q. Clean Air For all contracts and subcontracts exceeding \$100,000, the Contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act, 42 U.S.C. 7401 et seq.

R. Eligibility For Employment In The United States The Contractor shall complete and keep on file, as appropriate, Immigration and Naturalization Service Employment Eligibility Forms (I-9). These forms shall be used by the Contractor to verify that persons employed by the Contractor are eligible to work in the United States.

S. Buy America Only steel, iron and manufactured products produced in the United States may be purchased with Federal funds unless the Secretary of Transportation determines that such domestic purchases would be inconsistent with the public interest; that such materials are not reasonably available and of satisfactory quality; or that inclusion of domestic materials will increase the cost of overall project contract by more than 25 percent. Clear justification for the purchase of non-domestic items must be in the form of a waiver request submitted to and approved by the Secretary of Transportation.

T. False Or Fraudulent Statements Or Claims The Contractor acknowledges that if it makes a false, fictitious, or fraudulent claim, statement, submission, or certification to the Government in connection with this Project, the Government reserves the right to impose on the Contractor the penalties of 18 U.S.C. Section 1001, 49 U.S.C. Section 5307, 31 U.S.C. Section 3801, and 49 CFR Part 31, as the Government may deem appropriate. Contractor agrees to include this clause in all state and federal assisted contracts and subcontracts.

U. Changed Conditions Affecting Performance The Contractor shall immediately notify CMAP of any change in conditions or local law, or of any other event which may significantly affect its ability to perform the Project in accordance with the provisions of this Agreement.

V. Third Party Disputes or Breaches The Contractor agrees to pursue all legal rights available to it in the enforcement or defense of any third party contract, and FTA or U.S. DOT and CMAP reserve the right to concur in any compromise or settlement of any third party contract claim involving the Contractor. The Contractor will notify FTA or U.S. DOT and CMAP of any current or prospective major dispute pertaining to a third party contract. If the Contractor seeks to name the Government as a party to the litigation, the Contractor agrees to inform both FTA or U.S. DOT and CMAP before doing so. The Government retains a right to a proportionate share of any proceeds derived from any third party recovery. Unless permitted otherwise by the Government, the Contractor will credit the Project Account with any liquidated damages recovered. Nothing herein is intended to nor shall it waive U.S. DOT's, FTA's or CMAP's immunity to suit.

W. Fly America Contractor will comply with 49 U.S.C. §40118, 4 CFR §52 and U.S. GAO Guidelines B- 138942, 1981 U.S. Comp. Gen. LEXIS 2166, March 31, 1981 regarding costs of international air transportation by U.S. Flag air carriers.

X. Non-Waiver The agrees that in no event shall any action or inaction on behalf of or by CMAP, including the making by CMAP of any payment under this Agreement, constitute or be construed as a waiver by CMAP of any breach by the Contractor of any terms of this Agreement or any default on the part of the Contractor which may then exist; and any action, including the making of a payment by CMAP, while any such breach or default shall exist, shall in no way impair or prejudice any right or remedy available to CMAP in respect to such breach or default. The remedies available to CMAP under this Agreement are cumulative and not exclusive. The waiver or exercise of any remedy shall not be construed as a waiver of any other remedy available hereunder or under general principles of law or equity.

Y. Preference for Recycled Products To the extent applicable, the Contractor agrees to give preference to the purchase of recycled products for use in this Project pursuant to the various U.S. Environmental Protection Agency (EPA) guidelines, "Comprehensive Procurement Guidelines for Products Containing Recovered Materials," 40 CFR Part 247, which implements section 6002 of the Resource Conservation and Recovery Act, as amended, 42 U.S.C. § 6962.

Z. Cargo Preference - Use of United States Flag Vessels. The Contractor agrees to comply with 46 U.S.C. § 55305 and 46 CFR Part 381 and to insert the substance of those regulations in all applicable subcontracts issued pursuant to this Agreement, to the extent those regulations apply to the Project.

AA. The Contractor is required to register with the Central Contractor Registration (CCR), which is a web-enabled government-wide application that collects, validates, stores and disseminates business information about the federal government's trading partners in support of

the contract award, grants and the electronic payment processes. If the Contractor does not have a CCR number, the Contractor must register at <https://www.bpn.gov/ccr>.

As a sub-recipient of federal funds equal to or greater than \$25,000 (or which equals or exceeds that amount by addition of subsequent funds), this agreement is subject to the following award terms: <http://edocket.access.gpo.gov/2010/pdf/2010-22705.pdf> and <http://edocket.access.gpo.gov/2010/pdf/2010-22706.pdf>.

All of the requirements listed in **Federally Funded Agreements**, paragraphs A through AA apply to the federally funded project. The Contractor agrees to include these requirements in each contract and subcontract financed in whole or in part with federal assistance.