



CITY OF MARSHFIELD
MEETING NOTICE

AGENDA
BOARD OF PUBLIC WORKS
CITY OF MARSHFIELD, WISCONSIN
MONDAY, AUGUST 18, 2014 at 5:30 PM
COUNCIL CHAMBERS, CITY HALL PLAZA

1. Call meeting to order – Chairman Feirer
2. Approval of minutes of August 4, 2014 Board of Public Works meeting
3. Citizen Comments
4. Construction Updates – Presented by Brian Panzer, Street Superintendent and Tom Turchi, City Engineer
5. Approval of proposals for City Hall Plaza Façade and Water Leak Investigation – Presented by Dick Pokorny, Building Services Supervisor
6. Introduction of Comprehensive Outdoor Recreation Plan – Presented by Ed Englehart, Parks and Recreation Director
7. Approval of Amendment to the Engineering Services Agreement with Strand Associates for the Wildwood - McMillan Connector Trail – Presented by Ed Englehart, Parks and Recreation Director
8. Approval of plans for Jack Hackman Field Storage Building and authorization to seek bids – Presented by Ed Englehart, Parks and Recreation Director
9. Approval of preliminary 2015 Asphalt Paving List – Presented by Dan Knoeck, Director of Public Works
10. Set date and time for the first Board of Public Works meeting in September – presented by Dan Knoeck, Director of Public Works
11. Recommended items for future agendas
12. Adjournment

Posted this 15th day of August, 2014 at 4:00 PM by Daniel G. Knoeck, Director of Public Works

NOTE

It is possible that members of and possibly a quorum of other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.

Upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, contact Mary Anderson, Public Works Department at 630 South Central Avenue or by calling (715) 387-8424

BOARD OF PUBLIC WORKS BACKGROUND

08/18/14

1. Call meeting to order – Chairman Feirer
2. Approval of minutes of August 4, 2014 Board of Public Works meeting
3. Citizen Comments
4. Construction Updates – Presented by Brian Panzer, Street Superintendent and Tom Turchi, City Engineer
5. Approval of proposals for City Hall Plaza Façade and Water Leak Investigation – Presented by Dick Pokorny, Building Services Supervisor
See attached memo. **Recommend approval of the proposals of Holton Brothers Inc. and Brander Construction Technology, Inc. at a total cost not to exceed \$21,000 and authorize execution of agreements. Further recommend that a budget resolution transferring \$21,000 from BS-K-3943 Penthouse Guardrail Project to a new CIP project BS-K-3966, City Hall Plaza Façade and Water Leak Repair Project and be referred to the Finance, Budget & Personnel Committee for consideration.**
6. Introduction of Comprehensive Outdoor Recreation Plan – Presented by Ed Englehart, Parks and Recreation Director
This is an informational item only. Plan adoption will be scheduled in September.
7. Approval of Amendment to the Engineering Services Agreement with Strand Associates for the Wildwood - McMillan Connector Trail – Presented by Ed Englehart, Parks and Recreation Director
See attached memo. **Recommend approval.**
8. Approval of plans for Jack Hackman Field Storage Building and authorization to seek bids – Presented by Ed Englehart, Parks and Recreation Director
See attached memo and plans. **Recommend approval and authorize advertising for bids.**
9. Approval of preliminary 2015 Asphalt Paving List – Presented by Dan Knoeck, Director of Public Works
See attached preliminary asphalt list. **Recommend approval for inclusion in the 2015 budget.**
10. Set date and time for the first Board of Public Works meeting in September – presented by Dan Knoeck, Director of Public Works
Since the first Monday of September falls on a holiday, recommend holding the first Board of Public Works meeting of September on Tuesday, September 2, 2014 immediately following the Finance, Budget & Personnel meeting.
11. Recommended items for future agendas
12. Adjournment

BOARD OF PUBLIC WORKS MINUTES
OF AUGUST 4, 2014

Meeting called to order by Chairman Feirer at 5:30 PM in the Council Chambers of City Hall Plaza.

PRESENT: Mike Feirer, Tom Buttke, Gary Cummings, Chris Jockheck and Ed Wagner

EXCUSED: None

ALSO PRESENT: Alderperson Earll; City Administrator Barg; Director of Public Works Knoeck; Assistant City Engineer Cassidy; Parks & Recreation Director Englehart; Wastewater Superintendent Warp; the media; and others.

PW14-104 Motion by Cummings, second by Wagner to recommend approval of the minutes of the July 14, 2014 Board of Public Works meeting.

Motion Carried

Citizen Comments - None

Director of Public Works Knoeck presented a Street Division construction update and an Engineering Division construction update.

PW14-105 Motion by Buttke, second by Cummings to recommend approval of the quotations submitted by Don Nikolai Construction of \$230,530 and Over the Top Roofing of \$5,500 for the Ludwig Building Renovation Project and authorize execution of a contract. Further recommend that a budget resolution be drafted for Common Council consideration accepting the donation from Rotary Winter Wonderland and applying it toward the project.

Motion Carried

PW14-106 Motion by Buttke, second by Jockheck to recommend approval of the revised Rotary Winter Wonderland Use Agreement, subject to a favorable recommendation by the Parks, Recreation and Forestry Committee at their meeting on August 14 and authorize execution of the agreement.

Motion Carried

PW14-107 Motion by Wagner to amend Motion PW14-06 and the draft Use Agreement to add specific language to identify the financial contribution at not less than \$10,000 and to extend the Use Agreement for 5 years, from 2014 to 2019.

Motion fails for lack of second.

PW14-108 Motion by Buttke, second by Jockheck to amend Motion PW14-106 and the draft Use Agreement by striking the words "In exchange for a significant financial contribution from Rotary Winter Wonderland toward the Ludwig Building Project" in the proposed new paragraph under Section 1.

Wagner Voted No, Motion Carried

Vote on original motion PW14-106 as amended, Wagner voted No, Motion Carried

PW14-109 Motion by Buttke, second by Wagner to recommend approval of the Engineering Agreement with Strand Associates for 2014 Wastewater Rate Review and authorize execution of the agreement.

Motion Carried

PW14-110 Motion by Cummings, second by Buttke to recommend approval of the Stormwater Management Cooperative Agreement as presented, recommend that the City Engineer or his designee be assigned to participate as a member of the Coalition representing the City of Marshfield, and that Resolution No. 2014-44 be referred to the Common Council for their consideration.

Motion Carried

PW14-111 Motion by Wagner, second by Cummings to recommend approval of the final assessments for Chestnut Avenue (7th Street to Veterans Parkway) and side streets from Central Avenue to Chestnut Avenue as presented.

Motion Carried

PW14-112 Motion by Cummings, second by Wagner to recommend that the annual Board of Public Works bus tour be held on Monday, September 8, 2014, leaving City Hall at 5:30 PM.

Motion Carried

2

PW14-113 Motion by Cummings, second by Jockheck to adjourn to closed session at 6:06 PM pursuant to Wisconsin Statute Chapter 19.85(1)(e) Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session.

- **Purchase of land interests for Wildwood/McMillan Bicycle/Pedestrian Trail**

Roll call vote, all 'Ayes' Motion Carried

Present in Closed Session: Aldermen Feirer, Wagner, Cummings, Buttke, Jockheck & Earll; City Administrator Barg, Director of Public Works Knoeck, Parks & Recreation Director Englehart.

PW14-114 Motion by Jockheck, second by Buttke to reconvene in open session at 6:21 PM.

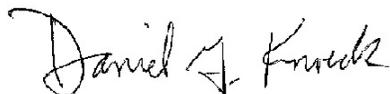
Roll call vote, all 'Ayes' Motion Carried

There was no action taken in open session on the closed session item.

Recommended items for future agendas - None

Motion by Jockheck, second by Buttke that the meeting be adjourned at 6:21 PM.

Motion Carried



Daniel G. Knoeck, Secretary
BOARD OF PUBLIC WORKS

City of Marshfield
Department of Public Works
Street Division
407 West 2nd Street
Marshfield, Wisconsin 54449



Brian G. Panzer
Street Superintendent
(715) 486-2081
FAX: (715) 387-8669
brian@ci.marshfield.wi.us

To: Michael Feirer, Chairman, Board of Public Works
Members, Board of Public Works

From: Brian Panzer, Street Superintendent *Brian Panzer*

R.E.: B.O.P.W.'s Street Division Construction Update for August 18, 2014

Date: August 14, 2014

Asphalt Mill-In-Place

Street(s) with ongoing prep work:

State Ave. – 4th St. to Adler Rd: storm water work complete; asphalt milling, landscaping and paving to be scheduled

Wisconsin Ave. – 6th St. to Adler Rd: storm water work ongoing; asphalt milling, landscaping and paving to be scheduled

This prep work includes: storm water ditching, driveway culvert resets/replacements, drain tile installation, storm water x-culvert and inlet pipe replacements, landscape restoration, tree removals if required and asphalt milling.

Streets to be scheduled:

Broadway Ave. – Upham St. to McMillan St.

Laird St. – Shawano Drive to St. Joe's Ave.

Shawano Drive – Upham St. to Broadway Ave.

Hardacre Ave. – 5th St. to 6th St.

Complete:

Carmen Drive – Waushara Drive to Upham St.

Debra Lane – Carmen Drive to Hume Ave.

Renee Lane – Debra Lane to Upham St.

Asphalt Overlays

Street(s) with ongoing prep work:

Adams Ave. – 6th St. to 8th St.: waiting for Water Utility project to conclude to complete prep work

Adams Ave. – 5th St. to 6th St.: prep work complete; asphalt paving scheduled for August 26th

6th St. – Oak Ave. to Columbus Ave.: prep work complete; asphalt paving scheduled for August 26th

This prep work includes: storm water M.H., inlet and main repairs/replacements and resets, base concrete replacement, yard drain repairs/replacements, curb replacement, sidewalk and X-walk replacements and re-landscaping prior to a new asphalt surface being applied

Complete:

11th St. – Central Ave. to Oak Ave.

Doege St. – Peach Ave. to Palmetto Ave.

Street Reconstructions

Upham St. – Central Ave. to 300' east: to be scheduled

4th St. - 8th St. to west end: to be scheduled

Complete:

Park St. – 7th St. to Pine Ave.

Storm Sewer Maintenance/Construction

-Storm water inlet, M.H. and main repairs/replacements with associated street restoration throughout the city: ongoing

-General storm water ditching with drain tile installation as required throughout the city: ongoing

-Installation of driveway culverts with related ditching throughout the city as required: ongoing

-X-culvert and inlet culvert replacements as required throughout the city: ongoing

-Storm sewer main at Renee Lane and Debra Lane: complete

-Storm sewer with street reconstruction on Park St.: complete

(over)

Sanitary Sewer Maintenance/Reconstruction

- M.H. replacements/Mono-forming and main repairs on all asphalt mill-in-place and overlay streets as required: ongoing
- M.H. replacements or Mono-forming and main repairs from Clearwater Committee priority list: to be scheduled

Street Maintenance/Construction

- Crack sealing of concrete streets: complete
- Crack sealing of asphalt streets: complete
- Specialized joint sealing on concrete streets: to be scheduled
- Slag sealing of asphalt streets: to be scheduled
- General asphalt patching, city wide as required: to be scheduled



City of Marshfield Memorandum

TO: Board of Public Works
FROM: Dick Pokorny, Building Services Supervisor
DATE: August 13, 2014

RE: Request for approval of quotes for City Hall Plaza façade work and water leak analysis.

BACKGROUND City Hall Plaza has had a long history of water leakage. The building has been made fairly water tight when the exterior had brick repairs, window caulking, and a water proofing compound installed back in 2011. The vast majority of the leaks were eliminated during the work under that project. However, long torrential east rains still cause water to leak in at the 4th story ceiling line/5th story floor line. This is especially true after many days of rain in a row.

ANALYSIS We have gathered as much data as possible in trying to pinpoint where the water is exactly coming in and how many places it is affecting. There appears to be one area between fourth and fifth floor where water shows up first. The leaking water appears to move horizontal as the duration of the rain extends. In other words, a few other areas show signs of water after a day or so. During this spring's rain event we experienced 7 days of continuous rain. Not every room along this horizontal line showed signs of water leakage, but most did. Our research has indicated that this line was the original tower's roof when it was built in 1957. The vertical addition of 3 more stories and a mechanical penthouse in 1964 changed this from a roof to the present day ceiling/floor system. We have an excellent set of drawings showing the detail of how this area was changed during construction in an effort to keep water out. The original plan appears to be sound. This year, staff also noted a number of concrete portions that were severely cracked especially compared to last year. We felt that we needed to get some estimates for all of these repairs.

Persons at the hospital recommended Holton Brothers, Inc. from Grafton, WI as their preferred brick and masonry contractor who specialize in very large buildings. Working with them, we detailed a number of areas of concrete that are coming apart. See enclosure with these areas boxed in. Unless these areas are repaired, concrete may fracture off the building. They also looked at our plan details where the water entry areas are, and decided that a consulting engineering firm should be involved when Holton would tear open the suspect areas. This specialized firm would be able to come up with a correction plan that Holton Brothers could be hired to complete. Brander Construction Technology, Inc. was chosen due to recommendations and they also are in Green Bay, instead of from out of state or in SE Wisconsin. In conjunction with the leak detection work of this two company team, Holton Brothers could better view the fracturing visible from the ground, and come up with a budget price to make all repairs on both issues.

RECOMMENDATION I recommend approval of the \$11,000 quote from Holton Brothers, Inc. and the \$8,000 quote from Brander Construction Technology, Inc. for analysis of exterior concrete cracking and water leakage problems. A small amount should be added for contingency, bringing the total project budget to \$21,000. I further recommend that a budget resolution be referred to the Finance, Budget and Personnel Committee, transferring \$21,000 from BS-K-3943 Penthouse Guardrail Project, to a new CIP project BS-K-3966, City Hall Plaza Façade and Water Leak Repair Project.

dp

Concurrence:

Daniel G. Knoeck
Director of Public Works

Concurrence:

Steve Barg
City Administrator

Concurrence:

Keith Strey
Finance Director

EAST ELEVATION

SURFACE
REPAIRS REQ'D

WATER LEAK
HERE FIRST

4th to 5th
Ceiling to Floor
Line

CITY HALL PLAZA



BRANDER Construction Technology, Inc.

Engineering Investigations, Evaluations, and Recommendations for Solving Building and Construction Problems

2357 WEST MASON STREET
GREEN BAY, WISCONSIN 54303

August 7, 2014

City of Marshfield
630 South Central Avenue
Marshfield, Wisconsin 54449

Attention: Dick Pokorny

Re: City Hall Plaza Water Leakage Concern
Proposal for Services

Dick Pokorny, Building Services Supervisor with the City of Marshfield, asked Brander Construction Technology, Inc. to submit a proposal for engineering services required to investigate the cause of water leakage on the east side of the City Hall Plaza located at 630 South Central Avenue in Marshfield, Wisconsin. The City Hall Plaza is a seven story, steel and reinforced concrete framed structure with exterior brick cladding. The request was prompted because of water leakage into the structure, particularly between the fourth and fifth floors.

In response to the above request, Brander proposes to:

1. Review available drawings for the building. Brander will require PDF or paper copies of any existing drawings.
2. Visit the site to perform the water leakage investigation. The investigation of the seven story building will require the use of a boom lift, provided and operated by others. Clear access to areas near the building will be required.
3. Observations of the exterior surfaces will be made to document the condition of the brick masonry. The locations of any distress will be noted on elevation drawings.
4. Make explorations into the brick masonry to determine the cause(s) of the water leakage. The exploration openings will be made and closed by others.
5. Discuss the findings from the explorations with Mr. Pokorny and other representatives from the City.
6. Prepare a written report describing the results of the explorations and providing recommendations for any necessary repairs.
7. Please note that this scope of Brander services does not include design of repairs for the water leakage. The scope of design work can only be determined after the exploration work has been completed.

We estimate that the site work for the investigation will take three working days. Brander charges for the above services would not exceed \$8,000. Actual charges would be billed on a time and expenses basis according to the attached fee schedule and standard terms and conditions.

If the listed scope of work is acceptable, please sign and return a copy of this document along with a retainer of \$4,000 or a signed Purchase Order for the full amount. With receipt of the signed document and retainer or Purchase Order, Brander will provide the above services for Mr. Pokorny.

Please call if you have any questions about the proposal.

Sincerely,

BRANDER CONSTRUCTION TECHNOLOGY, INC.



Timothy J. Grocholski, P. E.
Senior Engineer

The above proposal is accepted as presented.

Authorized signature



Holton Brothers, Inc. Contractors

1257 Terminal Road
Grafton, WI 53024

Phone: 262-377-7887
Fax: 262-377-0615

Masonry Repairs - Tuckpointing - Caulking - Waterproofing

City of Marshfield
PO Box 727
Marshfield, WI 54449

Richard Pokorny
Building Services Supervisor

RE: Repairs to City Hall Plaza &
Investigate water leaks

Hi Dick,

My thought on the repairs are to hold off until after the engineering investigation takes place. My original estimate for the repairs we quantified earlier this year serves as a starting point, but until we can get up on the wall and determine whether or not these precast pieces can simply be repaired in place or need to be removed and replaced, there is no way of knowing if we are looking at \$15,0000 or \$30,000 or more based on conditions and details.

Based on my conversation with Tim at Brander, it sounds like he is anticipating 3 days for his investigation and inspection. Not knowing exactly how many wall areas we will open up for investigation, I am assuming 2 to 3 days for follow up repairs and making these locations water tight while a report is completed and a scope of work can be formulated.

I would budget a minimum of \$3,500 for the one week rental of a 125 aerial lift with a contingency of \$1,500 if work goes a day or 2 longer due to in climate weather or closing up inspection openings takes longer than anticipated.

I am assuming one Holton Brothers employee on site for 6 days to assist Brander in their investigation and complete follow up repairs to the inspection openings. I would further budget \$5,600 for labor and materials cost for Holton Brothers.

We already have the tentative budget from earlier this year which you can present at your meeting for approval. Everyone needs to know however that that particular repair budget and scope of work is extremely fluid and could change dramatically based on Brander's investigation and report.

Let me know if you need more than this for your meeting tonight. Hopefully this will at least get the ball rolling.

Thanks a lot Dick,

Matt Lempke
Holton Brothers, Inc.

Memo

To: Board of Public Works
From: Ed Englehart, Parks and Recreation Director
Date: August 14, 2014
Re: Comprehensive Outdoor Recreation Plan

Background

In late 2013, the City of Marshfield contracted with Rettler Corporation to complete a new Comprehensive Outdoor Recreation Plan (CORP). The last plan was developed in 2006 by Schrieber/Anderson Associates, Inc. for the period of 2006-2010. The CORP serves as one of the key planning documents for the Parks and Recreation Department, and provides a means of identifying, analyzing, promoting, and responding to changes in our community, both present and future. The document is also needed as a prerequisite for participation in outdoor recreation grant programs.

Analysis

Over the past eight months, Rettler Corporation staff has worked closely with the Parks and Recreation Department staff, other city staff and the Parks, Recreation and Forestry Committee to inventory the existing Parks and Recreation facilities, update maps, and gain public input regarding our park and recreation facilities. A variety of methods were used to acquire public input. These included stakeholder surveys; discussions with Parks, Recreation and Forestry Committee members; public meeting/open house; on-line community survey; and questionnaires presented to middle school, high school and elementary school students.

In addition to the public input, Parks and Recreation Department staff members were interviewed by Rettler Corporation staff. The proposed document was recently reviewed by Wisconsin Department of Natural Resources Community Services Specialist, Beth Norquist, for compliance with WISDNR standards and she commented that "it looks really great".

The plan will be presented to the Parks, Recreation and Forestry Committee at their August 14th meeting. The document is available for viewing at the Marshfield Public Library, 7th floor City Hall, and in the Parks and Recreation Department office. It is also available on the city website. News releases have been sent informing the public that it can be viewed on-line.

Recommendation

No action is recommended at this time. Please review the proposed document and provide comments to me at ed@ci.marshfield.wi.us by the end of August. A brief presentation is scheduled to be made at the September Board of Public Works meeting with a recommendation to adopt the plan. The CORP can be viewed on the city website at:

http://ci.marshfield.wi.us/departments/parks_and_recreation/survey_results_-_comprehensive_outdoor_recreation_plan.php

If you would prefer a hard copy to review, please contact me and I will try to provide one. I look forward to hearing from you regarding your comments and questions.

Memo

To: Board of Public Works
From: Ed Englehart, Parks and Recreation Director
Date: August 14, 2014
Re: Wildwood-McMillan Connector Trail Project - Design Services Agreement Amendment

Background

In December 2010, the City of Marshfield retained the services of Strand Associates to plan and design the Wildwood-McMillan Connector Pedestrian-Bicycle Trail. The design process has taken significantly longer than was originally planned; however, earlier this year WISDOT approved the project's Design Study Report (DSR) and the R/W Plat and the City is now pursuing the right-of-way acquisition with the assistance of Steigerwaldt Land Services. It is now expected that final plans and specifications will be complete by the end of this year, and upon acquisition of the necessary right-of-way, the project can be put out for bid in the spring of 2015.

The cost estimate for the project has now increased to \$1,516,649. The State funding assistance is capped at \$811,000. The City has currently budgeted \$206,649 for the project and included an additional \$390,000 of city funding and \$109,000 of outside funding in the 2015 Capital Improvement Program to complete the project in 2015.

Analysis

Due to additional design needs that were not identified or included in the original Strand agreement, it is necessary to amend the agreement to address the following items in the project plans and specification.

- Intersection Grading Details: The Doege/Oak intersection and Kalsched/Oak intersection will require intersection details to show new island construction/pavement replacement
- Pavement Marking and Signing: The original agreement calls for 4 sheets of pavement marking drawings that were intended for the on-road segments. To prepare pavement marking and signing for the entire route we will need ~ 12 sheets and 2 additional detail sheets
- Storm Sewer Investigation: The original agreement does not include any vertical survey of utilities. We will need to investigate storm sewer structures to design new storm sewer connections/replacements
- Retaining Wall Design: Includes design work for the Two Rehlingers wall and details for the short retaining wall adjacent to Marshfield Clinic
- Schedule Delay: Per past discussions, we are requesting additional time for the 3-year schedule delay (services ending June 2015)

The currently budgeted funds are in place to cover these increased design services costs.

Recommendation

I recommend approval of an amendment to the Strand Associates, Inc. design engineering services contract for the additional services listed above, not to exceed \$25,000.

Concurrence:



Steve Barg, City Administrator

Memo

To: Board of Public Works
From: Ed Englehart, Parks and Recreation Director
Date: August 14, 2014
Re: Request to approve Jack Hackman Field Storage Building Plans and Solicit Bids

Background

In June, the Board of Public Works approved a design services agreement with Bestimate LLC for the development of plans and specification for a storage building at Jack Hackman Field in the Steve J. Miller Recreation Area. The Common Council also approved a budget resolution to provide additional funding to increase the project budget to \$50,000. It is planned for the building to be constructed yet this fall.

Analysis

The plans call for a block structure approximately 38' x 14' to match the surrounding structures at Jack Hackman Field. Concrete vehicle access pavement and apron is included in the project. It will be an unheated building and located along the west fence line just north of the batting cage. It is estimated to cost slightly less than \$50,000. See the attached plans sheets for additional information regarding the proposed structure.

Recommendation

I recommend the Board of Public Works approve the plans as presented and direct staff to prepare bid documents and proceed to solicit bids.

Concurrence: _____



Steve Barg, City Administrator

Attachment

BENCHMARK 100'-0"
 @ SOUTH EAST
 CORNER OF
 CONCRETE APPROACH

PLOT PLAN
 SCALE: 1'-0" = 10'

NORTH



CONSTRUCTION NOTES

ROLLUP DOORS ARE TO BE MANUALLY OPERATED Trac-Rite® 988 COMMERCIAL ROLLUP DOORS WITH 26 GAUGE RIGID-RIB STEEL CURTAIN IN OWNERS CHOICE OF STANDARD TRACRITE COLORS WITH EASY TO OPERATE DEAD AXLE DESIGN TORQUE TUBE ASSEMBLY & TWO INTERIOR SLIDE LOCKS PER DOOR OR APPROVED EQUAL.

EXTERIOR HINGED DOORS ARE TO MATCH EXISTING HACKMAN FIELD 16 GA. GALVANIZED PRIMED WELDED STEEL FRAMES AND 18 GA. GALVANIZED PRIMED HOLLOW SLABS, PRIMED & PAINTED TO MATCH EXISTING DOORS WITH A MINIMUM OF THREE ANCHORS PER SIDE TO BE INSTALLED & CAULKED IN A NEAT, CLEAN, WORKMANLIKE MANNER. FINISH HARDWARE FINISH TO MATCH THE OTHER BUILDINGS ON HACKMAN FIELD WITH BALL BEARING BUTT HINGES, WITH "ADA" ACCEPTABLE KEYED LEVER LOCKSETS SIMILAR TO SCHLAGE AL OR EQUAL, WITH KEYWAY AND KEYED PER CITY OF MARSHFIELD. TO INCLUDE "ADA" THRESHOLD, SWEEP, AND WEATHERSTRIP.

MATERIAL	EXISTING PRODUCT
CONCRETE BLOCK	COUNTY CONCRETE SPLIT FACE BLOCK IS "PEBBLE BEACH" #18-002C & MATCHING MORTAR COLOR IS "WESTERN" ULTRALITE
SHINGLE	CERTAINTED "LANDMARK" 30 YEAR "HUNTER GREEN"
STEEL SOFFIT & FASCIA	EDCO 16" CENTER VENT SOFFIT, ROOF EDGE, FASCIAS & MISCELLANEOUS TRIM IS "HARTFORD GREEN"

MATCH EXISTING BUILDING EXTERIOR FINISHES- ANY PRODUCT SUBSTITUTED MUST BE APPROVED IN WRITING BY THE OWNER OR IT MUST BE REMOVED AT CONTRACTORS EXPENSE AND REPLACED WITH EXACT MATCH.

BUILDING LOADS

RAFTER LIVE LOAD	40# /SF
RAFTER DEAD LOAD	15# /SF
WIND LOAD	20# /SF
SOIL BEARING CAPACITY	3,000PSI
CONCRETE MIN. PSI	3,500
REINFORCING STEEL TO BE 60,000 KSI- MIN. 3" COVER	

KEY TO DRAWINGS

PAGE	DESCRIPTION
A1 OF 4	PLOT PLAN & NOTES
A2 OF 4	FLOOR PLAN & EAST ELEVATION
A3 OF 4	FOUNDATION PLAN & EXTERIOR CONCRETE
A4 OF 4	CROSS SECTION & PLOT PLAN
E1 OF 1	ELECTRICAL PLAN & SPECIFICATION

SCALE NOTED
 DATE 30JUL14
 NAME BL
 PROJ. NO. 14-187
 CAD FILE CityMarshfieldHackmanField
 Storrs@Big 29Jul14

PROPOSED STORAGE BUILDING FOR
 CITY OF MARSHFIELD
 HACKMAN FIELD

THESE PLANS HAVE BEEN PRODUCED BY BESTIMATE LLC REPRODUCTIONS.
 NO OTHER USE OF THESE PLANS WITHOUT THE WRITTEN
 CONSENT OF BESTIMATE LLC IS STRICTLY PROHIBITED

BESTIMATE LLC
<http://bestimatellc.com>

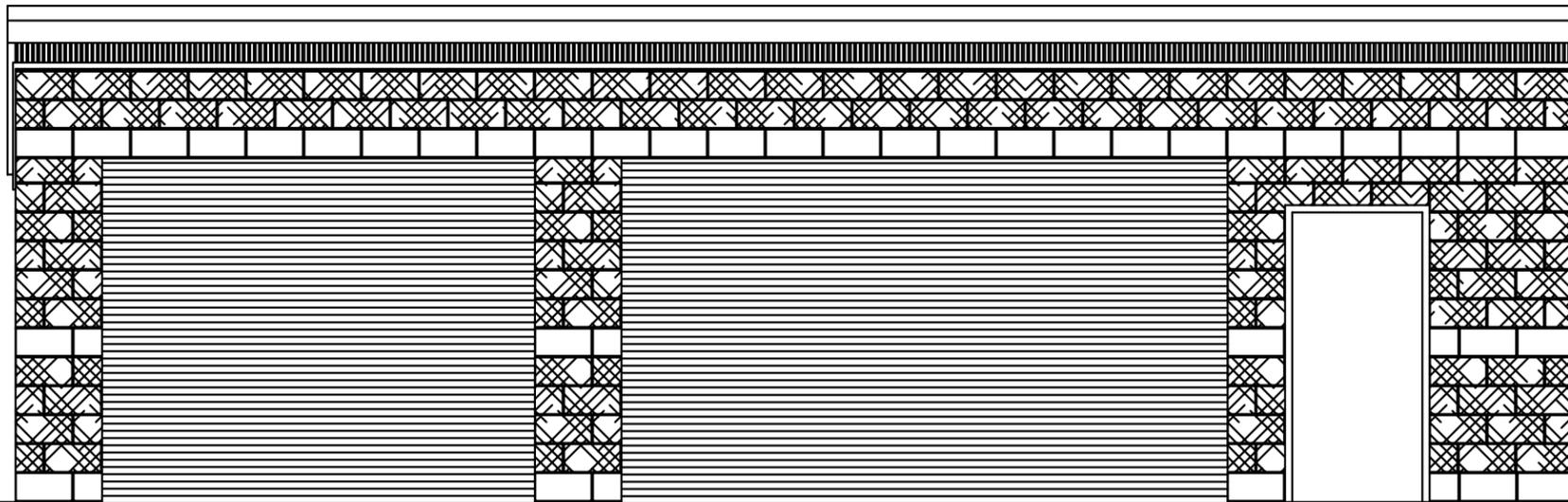
714 E Ninth St
 Marshfield, WI 54449
 bob@bestimatellc.com
 715-506-0040



EXCAVATING & MASONRY NOTES

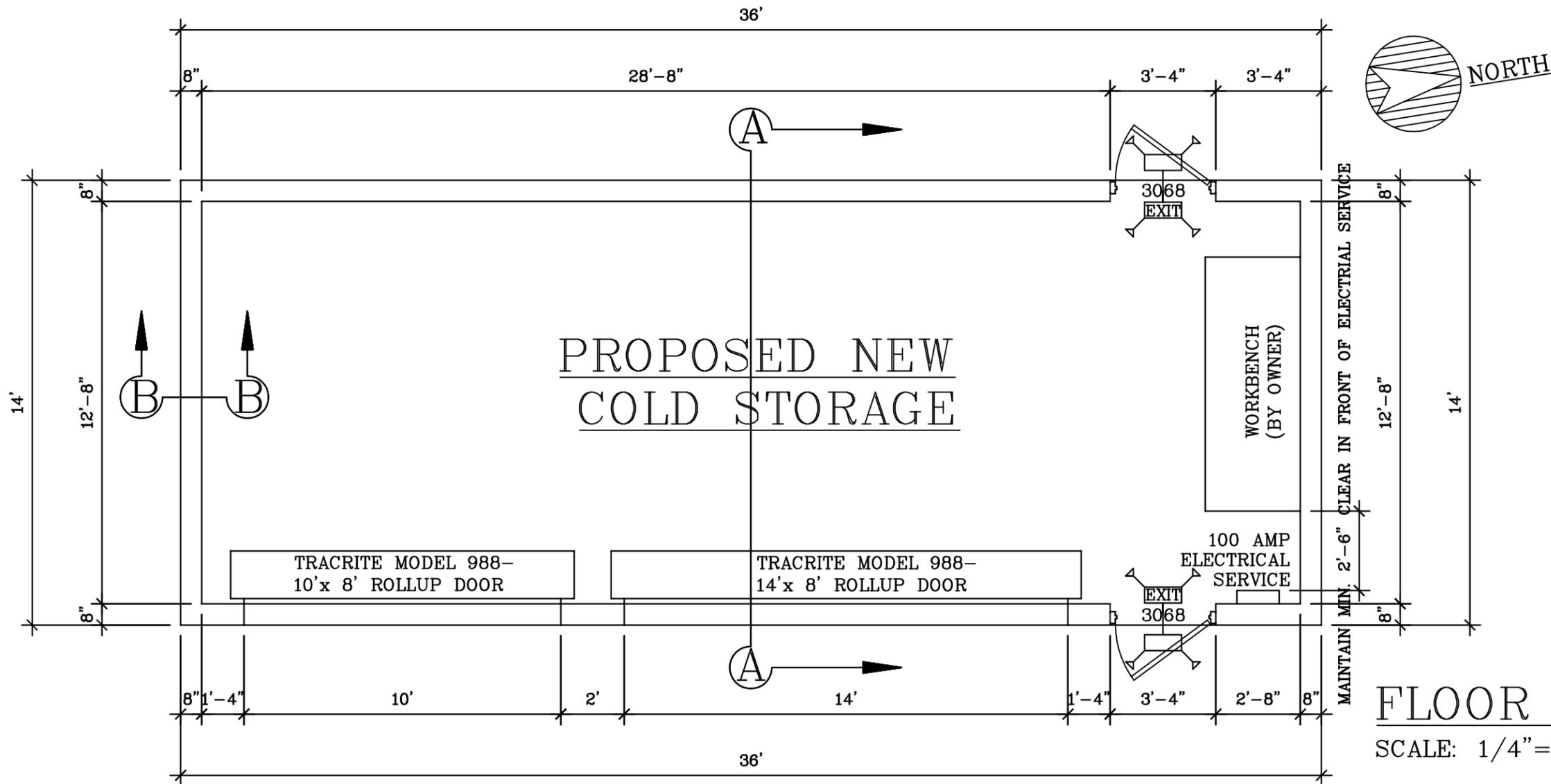
Excavations: - The General Contractor is responsible for all excavations for concrete work and building construction. All excavations shall be excavated down to depths as shown on the Plans, but in all cases, they must be down to firm, solid, undisturbed soil. Any sand or gravel fills shall be placed in not greater than 8" lifts and shall be compacted to a 95% of the materials maximum standard proctor relative density (ASTM D-698), and shall be free drainage gravel and/or sand/gravel mixture. No stones larger than 4" shall be permitted. All organic material and soils shall be excluded. The General contractor is responsible for the rough and final grading on all sides of the building. Backfilling of the foundations on the outside shall be of excavated earth, which is free of debris, roots, wood, and other deleterious materials. Backfill of the inside face and under the floor slab material shall be sand and gravel fill, particle size to 3/4" diameter. Notify the owner immediately if subsurface latent or abnormal physical conditions are encountered in any excavation. Grade to easy slopes away from the building to afford positive drainage.

Masonry: - Masonry walls to be sealed per NCMA TEK 19-1, apply water repellent such as TK Products TK-290 TRI-SILOXANE to all finished masonry walls.



EAST ELEVATION

SCALE: 1/4"=1'-0"



FLOOR PLAN

SCALE: 1/4"=1'-0"

SCALE NOTED	30JUL14
DATE	30JUL14
NAME	BL
NO.	14-187
PROJECT	CADFLC CityMarshfieldHackmanField
REVISED	Stores@Big 29Jul14
REVISIONS	0

PROPOSED STORAGE BUILDING FOR
CITY OF MARSHFIELD
HACKMAN FIELD

THESE PLANS HAVE BEEN PRODUCED BY BESTIMATE LLC REPRODUCTIONS.
W. ANY OR OTHER USE OF THESE PLANS WITHOUT THE WRITTEN
CONSENT OF BESTIMATE LLC IS STRICTLY PROHIBITED

BESTIMATE LLC
http://bestimatellc.com
bob@bestimatellc.com
715-506-0040

714 E Ninth St
Marshfield, WI 54449



CONCRETE SPECIFICATION:

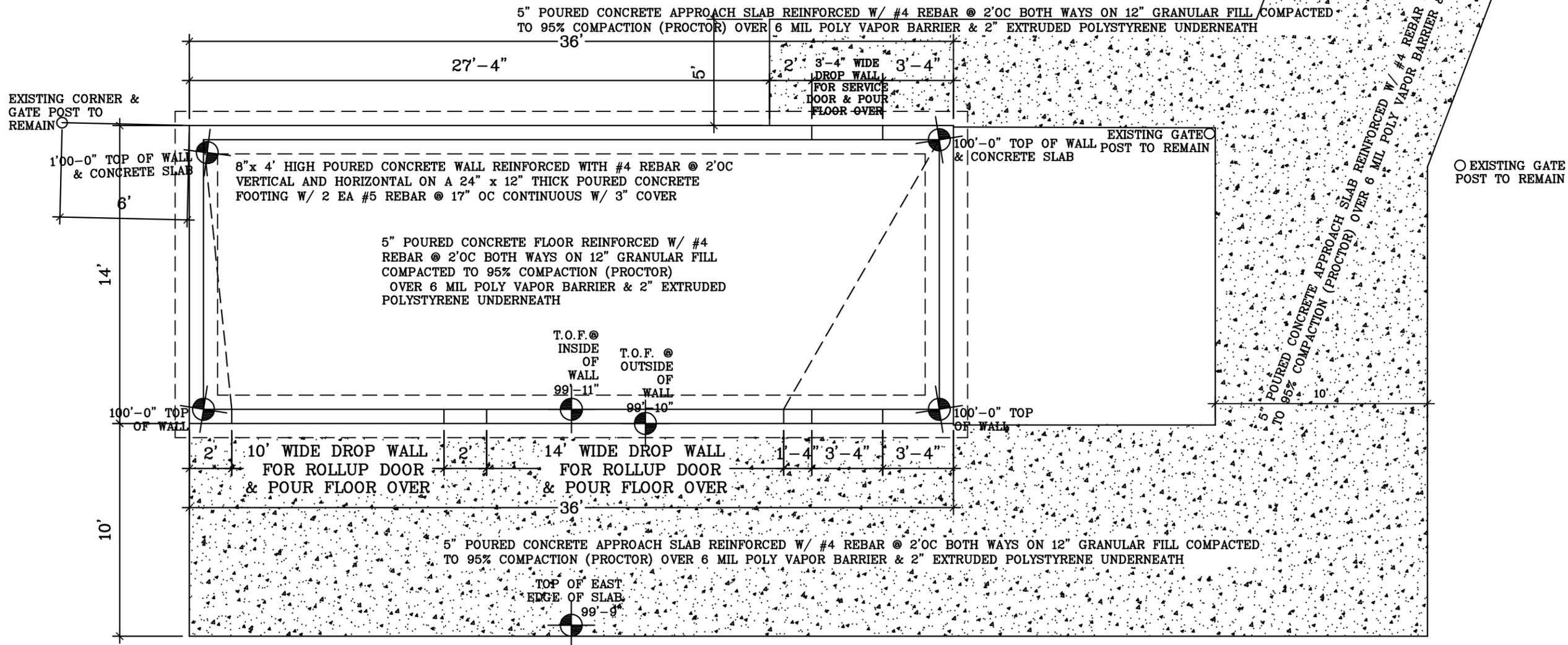
Concrete Reinforcement: All foundations and floor slab areas including stoops shall be 60,000psi reinforcing bars placed as called for on the Plans with all reinforcing bars to be ; installed w/ chairs, spacers, ties, etc.

Cast in Place Concrete: All concrete shall have a minimum compressive strength of 3,500 psi 28 day ready mix concrete. Sawcut & fill slabs so as not to exceed maximum area shall not exceed six hundred square feet. Exterior slabs and walks shall be air entrained concrete mixture with minimum compressive strength of 4,000 psi 28 day ready mix concrete with 3/4" maximum size of coarse aggregates and not to exceed 3" maximum slump. Liquid curing/sealing/hardening agent shall be used on all flatwork surfaces, to be Kure-N-Seal by Sonneborn, or equal.

Expansion Joints: Place pre-molded expansion joint fillers for expansion joints abutting concrete walls, structures, walks, etc. Do not place concrete on frozen soil.

Concrete placement: Maintain reinforcing in proper position during concrete placement operations using stands or 1/2 concrete bricks. Do not use concrete which becomes non-plastic and unworkable, or which has been contaminated by foreign materials and remove rejected concrete from the jobsite. Concrete placed during cold weather shall be protected in heated enclosures and maintained at a temperature at least 50 degrees for a period of at least 7 days when the air temperature is expected to fall below 40 degrees. Do not use frozen materials or materials containing ice and snow. Conform to ACI 306 for cold weather concreting. Protect freshly placed concrete from premature drying and excessive hot or cold temperatures. Start initial curing as soon as free water has disappeared from the concrete surface. Weather permitting, keep concrete continually moist for not less than 7 days.

Concrete Finishing: General contractor shall prepare fill below floor slabs by placing and compacting sand and gravel base in all areas so that they are free of humps and hollows. Concrete floors and slabs shall be trowelled to a smooth even finish. Apply a non-slip broom finish to the exterior concrete stoops or platforms. Steel trowel finish of all interior slabs. Provide slopes as called for on inside floor at doors and exterior slabs as indicated on the plan.



FOUNDATION PLAN

SCALE: 3/16"=1'-0"

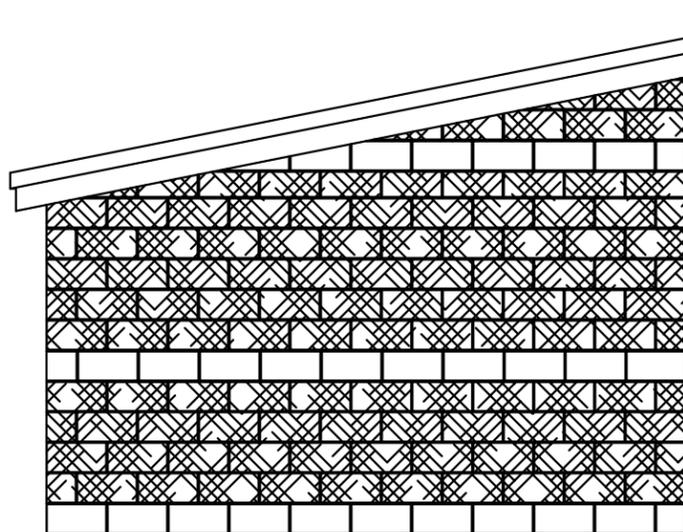
SCALE NOTED	DATE	DATE	DATE
	30JUL14		
NAME	BL		
NO.	14-187		
CAD FILE: CityMarshfieldHackmanField			
Storage@Big_29Jul14			
REVISIONS			
0			

PROPOSED STORAGE BUILDING FOR
CITY OF MARSHFIELD
HACKMAN FIELD

THESE PLANS HAVE BEEN PRODUCED BY BESTIMATE LLC REPRODUCTIONS.
W/ ANY OR OTHER USE OF THESE PLANS WITHOUT THE WRITTEN
CONSENT OF BESTIMATE LLC IS STRICTLY PROHIBITED

BESTIMATE LLC
http://bestimatellc.com
714 E Ninth St
Marshfield, WI 54449
bob@bestimatellc.com
715-506-0040

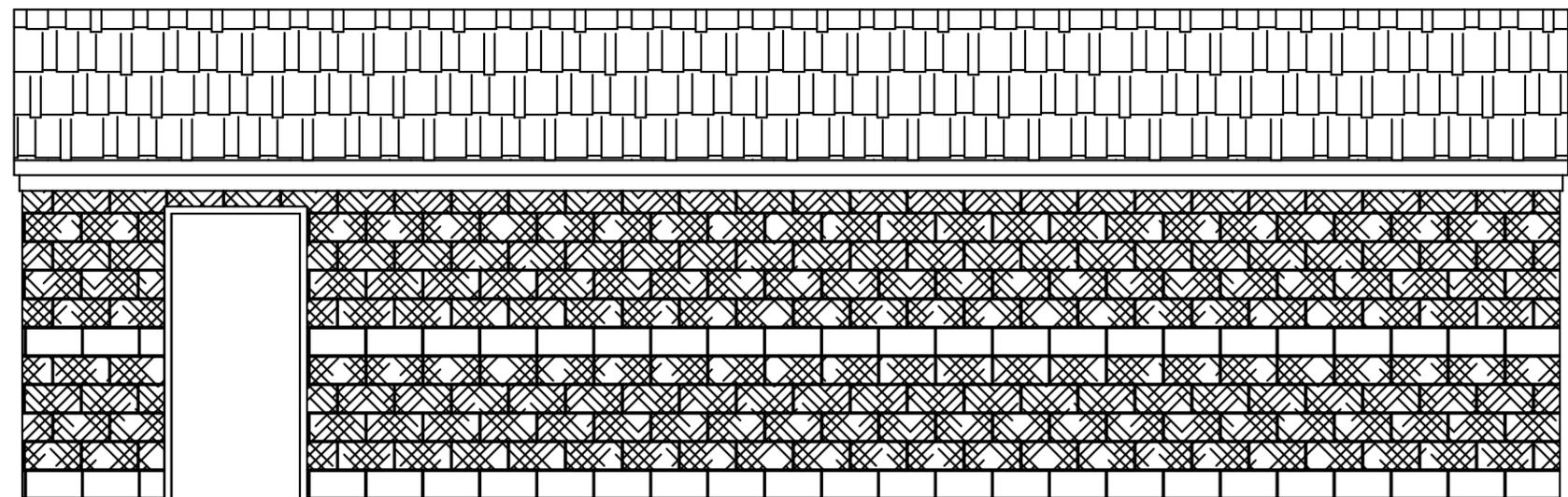




2-3 COURSE
SPLIT FACE BLOCK
SMOOTH BLOCK

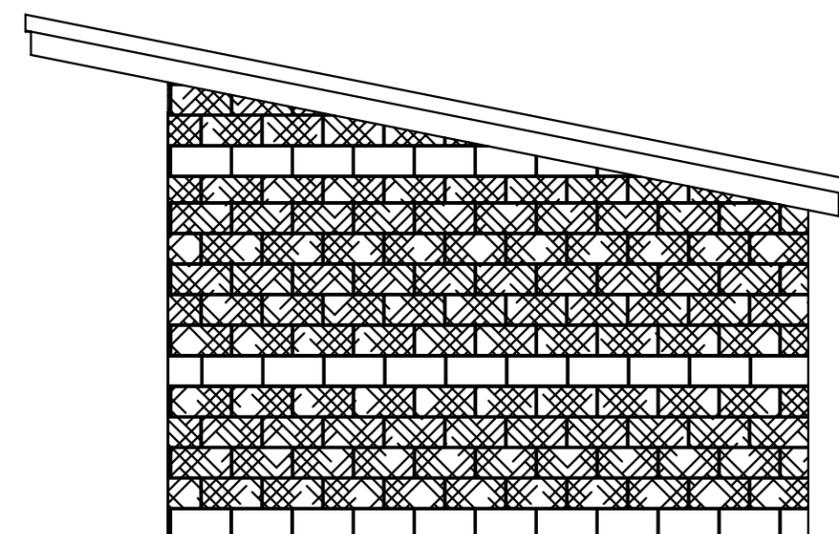
6 COURSE
SPLIT FACE BLOCK
SMOOTH BLOCK

4 COURSE
SPLIT FACE BLOCK
SMOOTH BLOCK

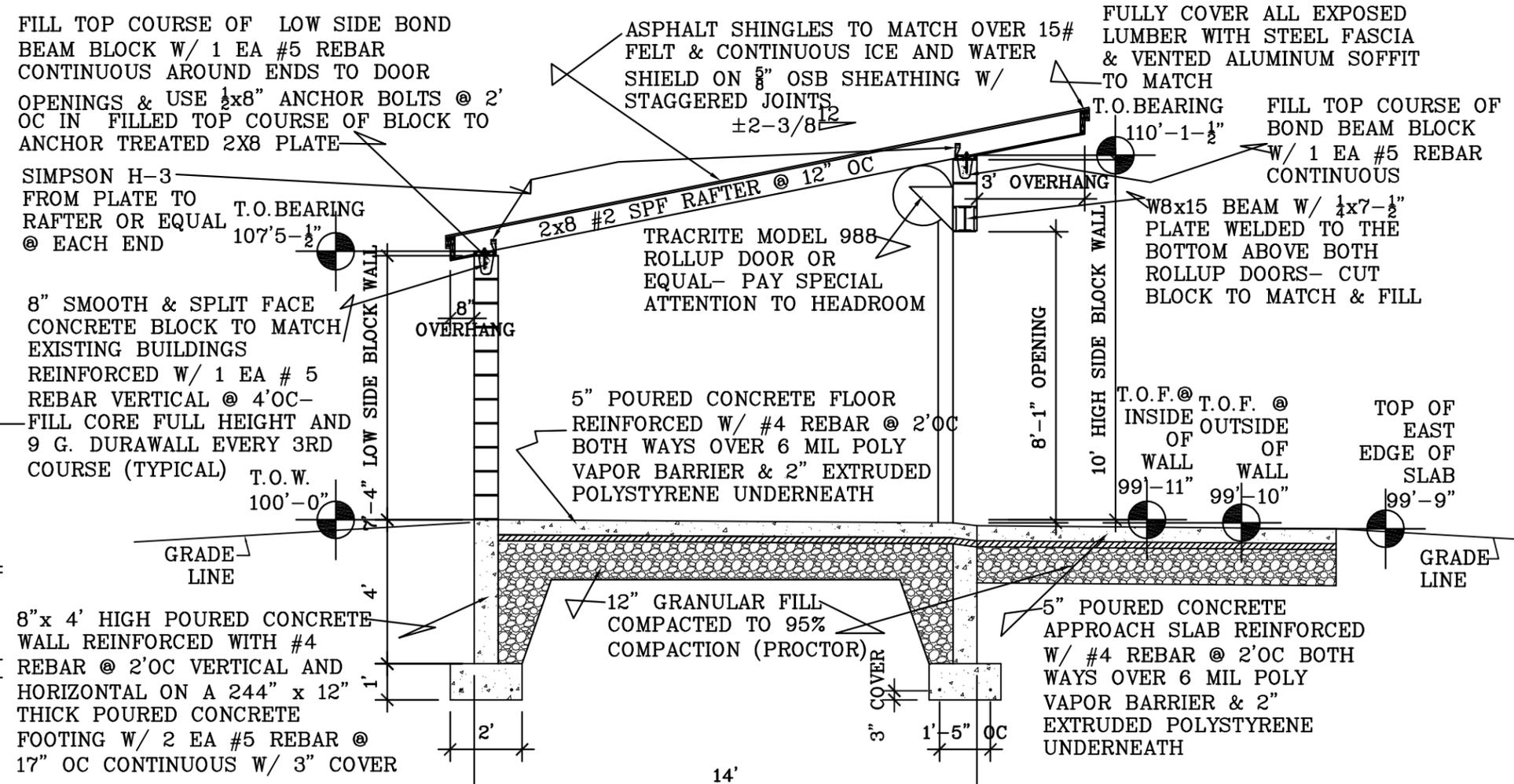


WEST ELEVATION
SCALE: 1/4"=1'-0"

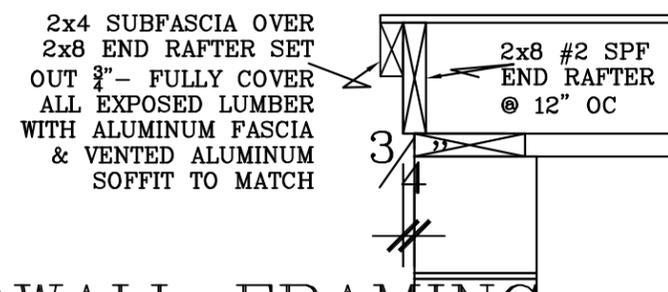
SOUTH ELEVATION
SCALE: 1/4"=1'-0"



NORTH ELEVATION
SCALE: 1/4"=1'-0"



CROSS SECTION A-A
SCALE: 1/4"=1'-0"



**ENDWALL FRAMING
DETAIL B-B** SCALE: 1"=1'-0"

SCALE NOTED	30JUL14
DATE	BL
NAME	14-187
NO.	14-187
CAD FILE	CityMarshfieldHackmanField
STORAGE	Blg_29Jul14
REVISIONS	0

PROPOSED STORAGE BUILDING FOR
CITY OF MARSHFIELD
HACKMAN FIELD

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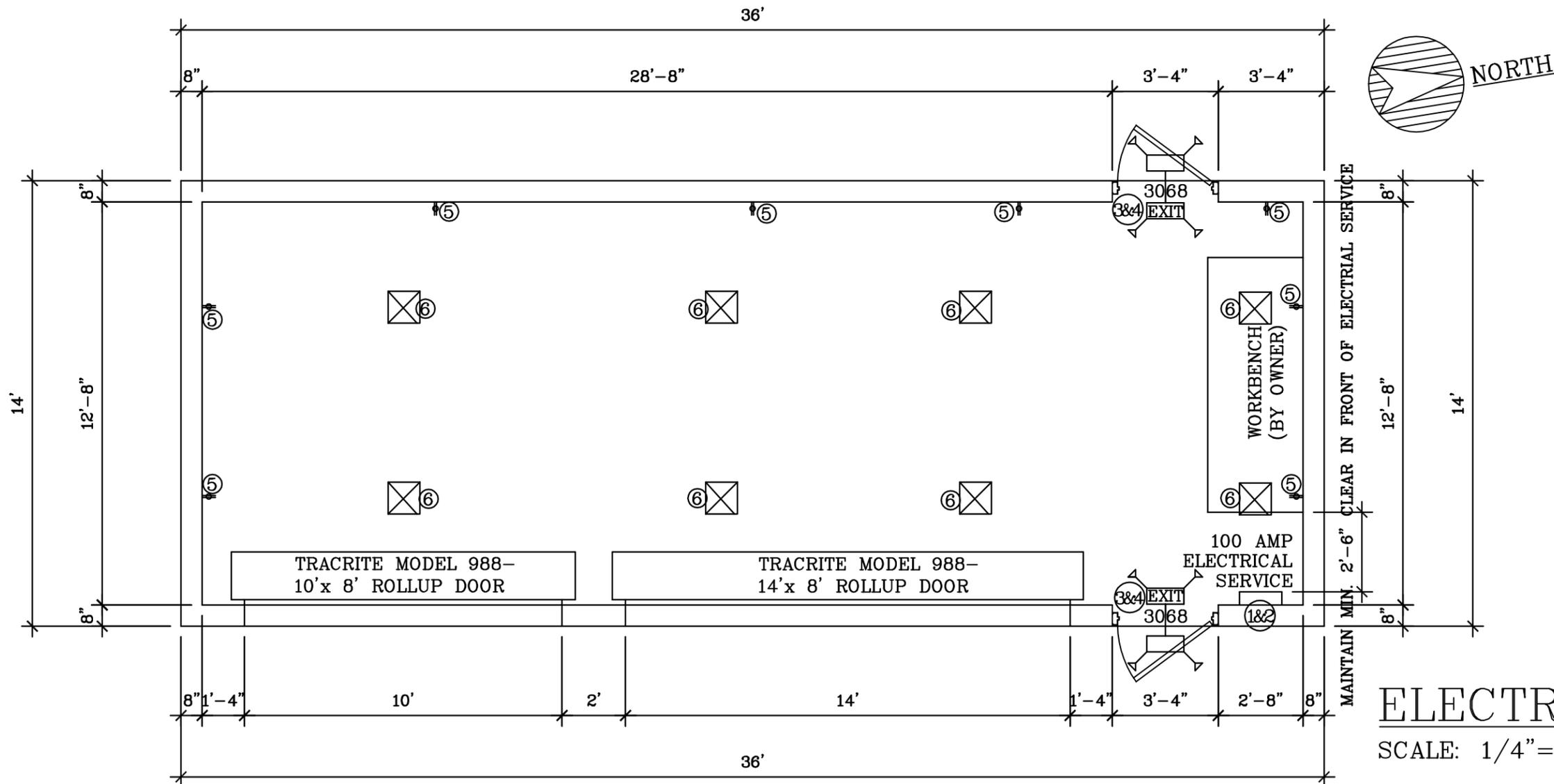


ELECTRICAL NOTES

Electrical Contractor shall furnish all materials and labor as required to complete the project in accordance with the plan and schedule. Electrical work labor and materials shall be in strict accordance with all local, State, and Federal applicable codes, and shall include obtaining and paying for all Local, State, and Federal approvals, permits, and fees that are applicable. Electrical work shall include trenching, and all material and labor for underground service from existing service and backfill with compacted excavated earth in suitable size for electrical main entrance as shown on plan and all costs shall be included in this bid.

ELECTRICAL SCHEDULE

#	QTY	EQUIPMENT
1	1	100 AMP UNDERGROUND FEEDER -
2	1	100 AMP SINGLE PHASE BREAKER PANEL
3	2	21 WATT LED OUTSIDE LIGHTS
4	2	EXIT LIGHTS
5	8	20 AMP GFI OUTLETS
6	8	38 WATT LED CEILING LITES- 37 FOOT CANDLES AVG.



ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"

PROPOSED STORAGE BUILDING FOR
CITY OF MARSHFIELD
HACKMAN FIELD

BESTIMATE LLC
http://bestimatellc.com
714 E Ninth St
Marshfield, WI 54449
bob@bestimatellc.com
715-506-0040



SCALE NOTED
DATE: 30JUL14
DRAWN BY: JMB, BL
DATE: 14-187
CADD FILE: CityMarshfieldHackmanField
Stores@Bigg_29Jul14

REVISIONS
0

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**2014 - 2023 ASPHALT PAVING PROGRAM
PRELIMINARY PROJECT LIST**

PROJECT	PROJECT LENGTH (LF)	PROJECT_WIDTH	PROJECT_DEPTH	SQYARDS	TONS	MILLING	OVERLAY	NEW SURFACE	ENGINEERING	STREET DIVISION	TOTAL
2015											
OVERLAY											
29th Street - Central to Peach	2,170	36	3	8,680	1,693	\$0	\$149,184	\$0	\$0	\$179,546	\$328,730
Blodgett St - Central to Maple	330	36	3	1,320	257	\$0	\$22,687	\$0	\$312	\$27,304	\$50,303
Blodgett St - Maple to Peach	1,920	32	3	6,827	1,331	\$0	\$117,331	\$0	\$1,814	\$158,861	\$278,006
Cedar Ave - Ives to Grant	1,200	32	3	4,267	832	\$0	\$73,332	\$0	\$1,134	\$99,288	\$173,754
Cleveland St - Central to Maple	330	36	3	1,320	257	\$0	\$22,687	\$0	\$312	\$27,304	\$50,303
Vine Ave- Arnold to Doege	1,060	36	3	4,240	827	\$0	\$72,874	\$0	\$1,002	\$87,704	\$161,580
Overlay Subtotal	7,010			26,653	5,197	\$0	\$458,095	\$0	\$4,574	\$580,007	\$1,042,676
MILL-in-PLACE											
12th St - Maple to Cedar	370	22	3	904	197	\$617	\$0	\$15,368	\$1,943	\$18,454	\$36,381
28th Street - Felker to Washington	1,265	22	3	3,092	673	\$2,110	\$0	\$52,540	\$6,641	\$63,092	\$124,384
Apple Ave - 9th to 15th	570	22	3	1,393	303	\$951	\$0	\$23,674	\$2,993	\$28,429	\$56,047
Apple Ave - 15th to 17th	735	22	3	1,797	391	\$1,226	\$0	\$30,527	\$3,859	\$36,658	\$72,271
Ash Ave - Arnold to Doege*	1,050	22	3	2,567	558	\$1,752	\$0	\$43,611	\$5,513	\$52,369	\$103,244
Cedar Ave - Arnold to Blodgett*	320	22	3	782	170	\$534	\$0	\$13,291	\$1,680	\$15,960	\$31,465
Cherry Ave - Arnold to Cleveland	720	22	3	1,760	383	\$1,201	\$0	\$29,904	\$3,780	\$35,910	\$70,796
Cherry Ave - Cleveland to Edison*	640	22	3	1,564	340	\$1,068	\$0	\$26,582	\$3,360	\$31,920	\$62,929
Felker Ave - 29th to 27th (extended)	750	22	3	1,833	399	\$1,251	\$0	\$31,150	\$3,938	\$37,406	\$73,745
Hawthorne Ave - 5th to Adler	1,235	22	3	3,019	657	\$2,060	\$0	\$51,294	\$6,484	\$61,596	\$121,434
Maple Ave - 8th to 9th	320	22	3	782	170	\$534	\$0	\$13,291	\$1,680	\$15,960	\$31,465
Maple Ave - 9th to 14th	1,330	28	3	4,138	900	\$2,824	\$0	\$70,306	\$6,983	\$66,334	\$146,446
Wildwood Ct - Locust to Locust	1,400	22	3	3,422	744	\$2,336	\$0	\$58,148	\$7,350	\$69,825	\$137,658
* Project Includes Sanitary Sewer											
Mill-in-Place Subtotal	10,705			27,054	5,884	\$18,465	\$0	\$459,686	\$56,201	\$533,912	\$1,068,264
2015 TOTAL	17,715	\$0	\$0	53,708	11,082	\$18,465	\$458,095	\$459,686	\$60,775	\$1,113,919	\$2,110,940