

County Facilities – Buildings and Grounds
Department of Public Works
AGENDA
April 20, 2016 –9:30am

*Committee Members: Girard, Wood, Strough, Conover, Seeber, Beaty, Montesi, Braymer Simpson,
Leggett, MacDonald*

- I. Committee Meeting Call to Order..... Chairman Girard
- II. Motion to Approve Minutes of Prior Committee Meeting..... Chairman Girard
- III. Action Agenda/New Business
Page
- IV. Referral/Pending Items
Page
2
- V. Information for Discussion/Review
Page
 - 3 Discussion – Court project generator options..... Jeff Tennyson
 - 4 Discussion – Easement for Town of Warrensburg- sewer line..... Jeff Tennyson
 - 5-6 Discussion – Lower Warren Street trash plant modifications..... Frank Morehouse
- VI. Privilege of the Floor to discuss any additional items to come before the Committee
- VII. Motion to Adjourn

Attachments - None

County Facilities

Buildings and Grounds

4/20/16 – Referrals

BUILDING & GROUNDS:

- 1) 1) Committee to investigate the possibility of making County campuses smoke free. (09.01.15)

- 2) Proposal for an RFP to commission a study on Siemens Municipal Center Project was distributed for review - Committee authorized DPW Superintendent to work with County Attorney to develop formal RFP with input from the District Attorney and Sheriff - formal RFP to be reviewed by Committee when complete. (03.23.16)

Jeff Tennyson

From: Tony Marchetti <TMarchetti@ClarkPatterson.com>
Sent: Thursday, April 14, 2016 4:10 PM
To: Tennyson,Jeff
Cc: Matt Smullen; Robin DeRue
Subject: COURT ADDITION GENERATOR OPTIONS

New Court Facility Addition Emergency generator Options:

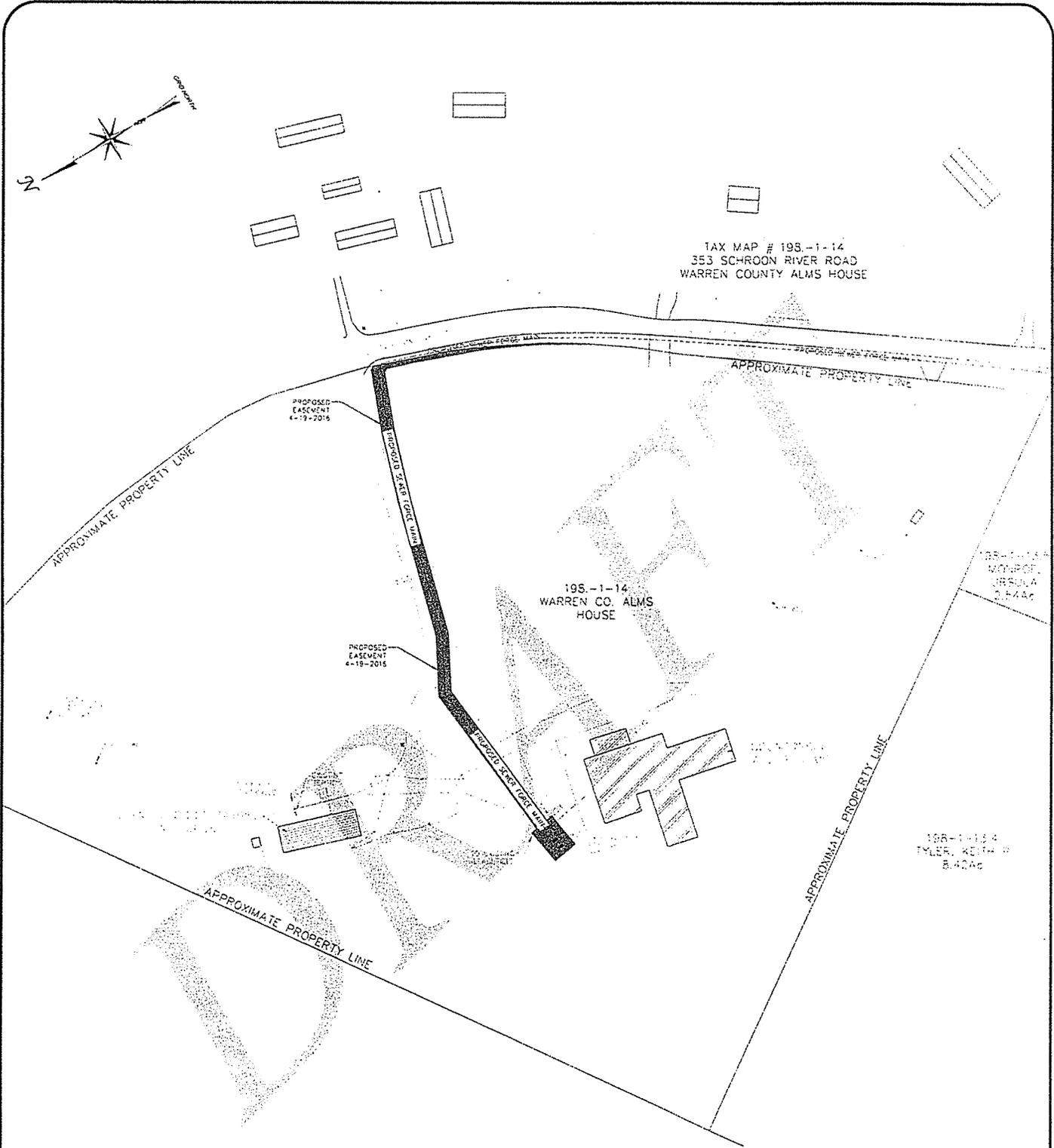
- **Option 1A (Current Design):** Provide new diesel fired stand-by generator to serve new court addition. New generator shall be installed adjacent to the new addition. New 800A ATS shall be installed within the new addition electrical room and feed the addition 800A main distribution panelboard.
Provide new 230-250kW generator, concrete pad, 800A automatic transfer switch, underground feeders and control, etc.
Cost estimate = \$146,000
- **Option 2:** Relocate existing Olympian 230kW diesel fired stand-by generator currently serving the Human Services building to serve the new court addition. New 800A ATS shall be installed within the new addition electrical room and feed the addition 800A main distribution panelboard.
Relocation of existing 230kW generator and new 800A automatic transfer switch (cost includes Caterpillar service fee associated with re-configuration of generator to 120/208V)
Cost estimate = \$92,000
Option 2B (Required if Option 2 is selected): Provide new Diesel fired generator and exterior rated automatic transfer switch to serve existing Human Services Building so entire facility is on back-up power. New Generator shall be approximately 400kW with an adjacent NEMA 4X rated 800A transfer switch. Generator and ATS shall be installed in close proximity to existing utility transformer. Install new 5x5 pre-cast manhole and intercept existing underground secondary service feeders from transformer. Rework and extend line and load side feeders from manhole to new ATS. Provide new conductors between existing utility transformer secondary and new ATS and from ATS to new manhole. Provide Splicing of new conductors to existing within new manhole. A 200-250kW temporary generator shall be required during this construction phase.
Cost estimate = \$180,000
- **Option 3:** Replace existing 400kW diesel fired stand-by generator currently serving the government center building with new diesel fired 700kW unit at same location. Remove existing generator and existing concrete pad. Install new concrete generator pad. Install new 5x5 pre-cast manhole and intercept existing underground emergency feeders. Existing 4 sets of feeders shall be removed between manhole and previous generator location. Seven (7) new sets of feeders shall be installed between new generator and manhole. Four sets of new feeders shall splice to existing within manhole and (3) additional sets shall run from manhole to existing basement ATS running adjacent to existing within basement ceiling space. A 400-500kW temporary generator shall be required during this construction phase.
Cost estimate = \$315,000

Jeff. Please let me know if you have any questions or concerns regarding these items that you would like to discuss prior to your board meeting

Thanks

Tony

Anthony R. Marchetti, P.E.
Principal Associate



1 PLAN VIEW
C-1 SCALE: 1" = 200'

<p>ADULT HOME FORCE MAIN EASEMENT MAP</p> <p><small>COPYRIGHT (C) CEDARWOOD ENGINEERING SERVICES PLLC ALL RIGHTS RESERVED</small></p>	<p>TOWN OF WARRENSBURG</p> <p>WARRENSBURG NEW YORK WARREN COUNTY</p>	<p>A-1</p>	<p>CEDARWOOD ENGINEERING SERVICES PLLC</p>  <p><small>North Creek, NY 12853 (P) 518 261 5160 Oneonta, NY 13820 (P) 607 441 5246 Burlington, VT 05401 (P) 802 235 7007</small></p>
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Proposed Modifications – Lower Warren Street

Security Fence (4,750 sq. ft. enclosure).	\$8,800.00
Emergency Generator	3,500.00
Lights / Wiring	6,000.00
Doors.....	2,400.00
Road / Bridge material	1,000.00
Total	\$21,700.00

← 24' X 24' X 24' →

140'

OPS
TOW 2

OPPS I
HM TOW

MCI
TOW I

GENSET

OPPS
HRE MAT I

MCI I

OPPS
4

MCU-I

OPPS
3

CART

OPPS
2

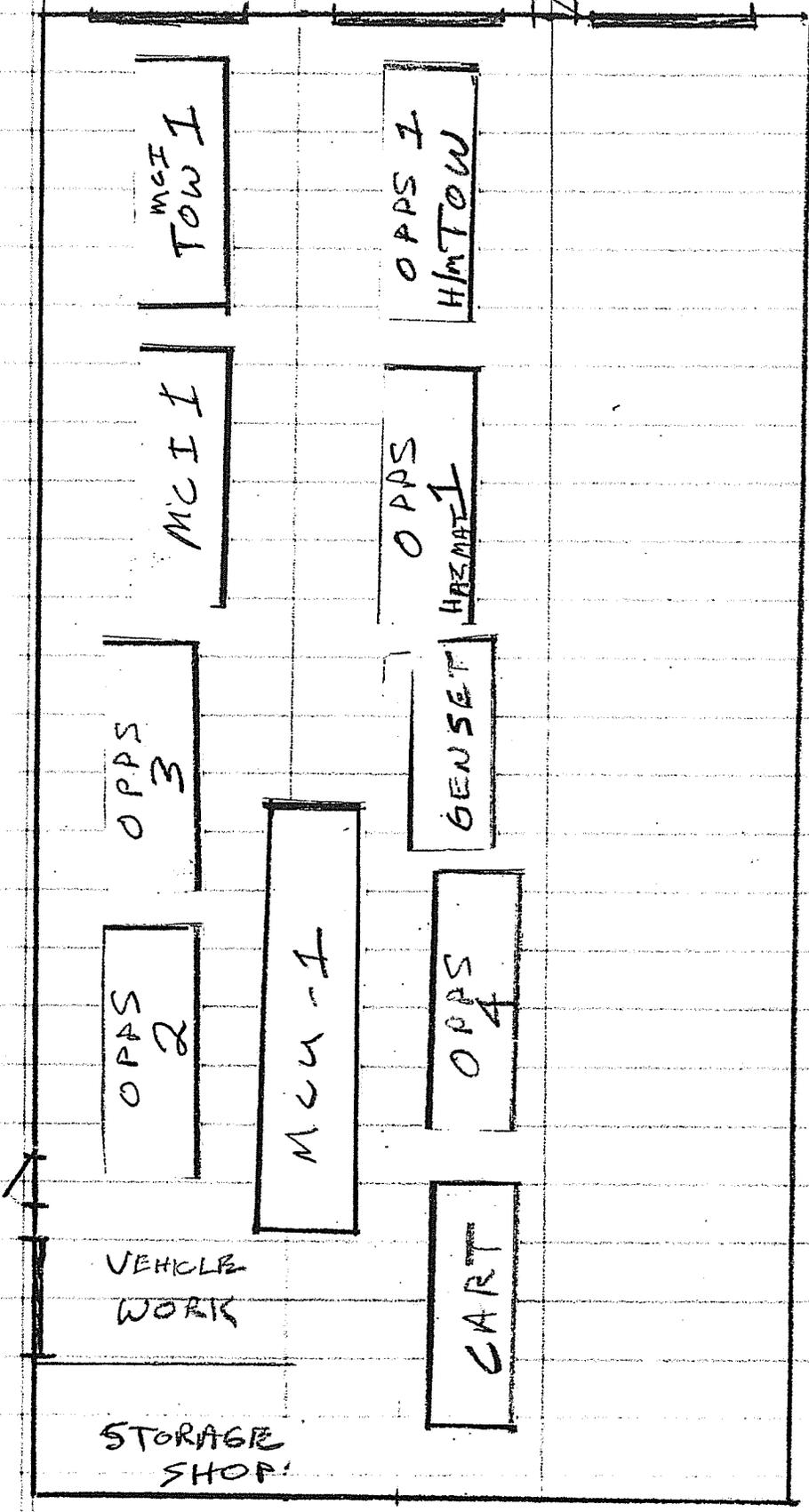
VEHICLE
WORK

STORAGE/
SHOP

← COLUMN L/W

← 24' X 24' X 24' →

140'



VEHICLE WORK

STORAGE SHOP

CART

MCU-1

OPAS 2

OPAS 3

MC I I

MC I TOW I

OPAS 4

GENSET

OPAS HREMEL

OPAS I HMTOW

COLLOR LUN