

The Perfect County Shop: Bits and Pieces (Panel)

Rod Meredith, Douglas County CO
Brian Gustad, Yankton County SD
Ron Bohaty, Lancaster County NE
Wayne Klein, Burleigh County ND



32nd Annual North Central Local Roads Conference
Rapid City, SD - October 18-19, 2017

SHARED FACILITIES

PRESENTED BY: ROD MEREDITH, DIRECTOR | PUBLIC WORKS OPERATIONS



32nd Annual North Central Local Roads Conference
Rapid City, SD – October 19-18, 2017

PRESENTATION OVERVIEW

- Background on Douglas County, Colorado
- Key Factors for Developing Joint Facilities
- Intergovernmental Agreements
- Douglas County Shared Facilities
- Riley County, Kansas Facility Innovations

PUBLIC WORKS OPERATIONS

Facility Locations

7

Employees

82

Plow Trucks

70

Total Equipment

296

Maintenance Districts

6

SHARED FACILITY LOCATIONS



DOUGLAS COUNTY DEMOGRAPHICS

Current Population	345,000
Population Growth (Past 5 Years)	60,000
Housing Completions (Per Year)	3,900
Square Miles	843
Total Road Lane Miles	2,409
Paved Lane Miles	1,817
Gravel Lane Miles	592
Towns and Cities in Douglas County	6

DEVELOPING JOINT FACILITIES

- Involve Administration and Officials
- Develop a Plan Together Early On
- Consider What Facilities Can be Shared
 - Fuel, Salt Storage, Truck Wash, etc.
- Participate in Each Other's Design Charettes
 - Consider Traffic Patterns
 - Determine Percentage of Usage by Each Agency

DEVELOPING JOINT FACILITIES (CONT.)

- Create Intergovernmental Agreement (IGA)
 - Describe Shared Facilities
 - Include Construction Cost Sharing
 - Include Ongoing Maintenance Responsibilities
 - Include Ongoing Maintenance Costs
 - Set Charges for Shared Product Usage
 - Setup Annual Facility Coordination Meetings
 - Set Term for Agreement - 10 Years or More

BENEFITS OF JOINT FACILITIES

- Eliminates Duplication
- May Save on Construction and Operating Costs
- Perceived by the Public to be Responsible
- More Efficient Utilization of Space
- Can Enhance Joint Purchasing Opportunities
- Helps Develop Relations Between Agencies
- Provides Avenue for Other Activity Coordination

ANNUAL MATERIAL USEAGE

248,000 Pounds of Crack Seal Material

90,556 Tons of Road Gravel

20,000 Tons of Asphalt (+84,000 Tons Contracted)

684,844 Gallons of Dust Control Material (130 Miles)

323,754 Gallons of Liquid De-Icer

SNOW FACTS

Salt	19,363 Tons	\$ 2,059,633
Salt/Sand	2,276 Tons	\$ 122,824
MgCl	572,000 Gallons	\$ 469,184

Salt Storage Capacity	16,250 Tons
MgCl Tank Capacity	200,000 Gals
Cost to Fill Salt Sheds One Time	\$1,511,000
Daily Snow Operation Cost	\$ 82,000

INTERGOVERNMENTAL AGREEMENTS

- 6 Locations in Douglas County with IGA's
- Sample IGA (Parker)
- Pictures of Locations
- Other IGA Samples

PARKER IGA

AGREEMENT BETWEEN THE TOWN OF PARKER AND THE COMMISSIONERS OF THE COUNTY OF DOUGLAS REGARDING A JOINT USE FACILITY FOR THE STORAGE OF DEICING MATERIALS

THIS INTERGOVERNMENTAL AGREEMENT (the "Agreement") is made and entered into this 10th day of December, 2013, by and between the Town of Parker, a Colorado home rule municipality (the "Town"), and the Board of County Commissioners of Douglas County, Colorado (the "County"), hereinafter collectively referred to as the "Parties."

WITNESSETH:

WHEREAS, the County and the Town entered into an Agreement on January 24, 2012, regarding, in part, the transfer of land title from the County to the Town for the building of a Town maintenance facility and a deicer product storage facility to be shared by the Town and the County (the "2012 Agreement");

WHEREAS, the County and the Town amended the 2012 Agreement on November 18, 2013, (the "2013 Amendment") to release and modify certain deed restrictions associated with the transfer of land title from the County to the Town and to describe the location for the construction of the deicer product storage facility to be shared by the Town and the County as "Lot 2," which is described in Exhibit D of the 2013 Amendment;

WHEREAS, consistent with the 2012 Agreement, the Parties have jointly determined to participate in the design and construction of a new joint use facility for the storage of liquid and solid deicing materials (hereinafter referred to as the "Facility") to be constructed on Lot 2;

ORIGINAL Agreement.

PARKER IGA (CONT.)

WHEREAS, the Parties desire to equally share the cost of the design and construction of the Facility (the "Project"), with the understanding that the cost to either party for the Project will not exceed One Million Dollars (\$1,000,000);

WHEREAS, the funding from the County is made available solely to reimburse the Town for a portion of the actual design and construction costs incurred by the Town for the Project and as otherwise may be authorized; and

WHEREAS, the Parties further desire to memorialize their understanding regarding the cost sharing for the Project.

NOW, THEREFORE, IT IS MUTUALLY UNDERSTOOD by and between each of the Parties that the cost sharing arrangement for completion of the Project shall be as follows:

1. Design and Construction of the Project.

(a) The Town shall design and construct the Project pursuant to a design acceptable to the County, with the understanding that the design shall include mutually acceptable design standards for a Facility of this type, including, but not limited to, environmental compliance, tank design standards, spill containment, traffic flow, shed design for capacity of material, safety, and function for each Party. At a minimum, the

PARKER IGA (CONT.)

Facility shall have the capacity to store approximately seven thousand eight hundred ninety-three (7,893) square feet of County solid deicer in a configuration suitable to the County's needs and shall contain six (6) storage tanks with each tank having the capacity to hold twenty thousand (20,000) gallons of liquid deicer, together with a pumping system for loading and unloading corrosive materials from these tanks.

(b) The Town is responsible for the management and completion of the Project, subject to the County's participation in the review and approval of both design and construction. The Notice to Proceed shall be in accordance with the final, approved construction contract documents (plans and specifications) for the Project. The Town will maintain a separate concurrent accounting of County funds used on the Project and will provide that accounting to the County's authorized representative as requested.

(c) The Town agrees to bid the construction of the Project according to the Town's bid procedures on or before June 1, 2014 ("Bid Deadline"). In the event that the requirements of this subparagraph are not satisfied by the Bid Deadline, then this Agreement shall automatically terminate and any funds paid by the County to the Town shall immediately be returned to the County. Once final bids are received, the Town shall diligently pursue completion of the Project. If the Town terminates the Project because of lack of funding after opening bids or for any other reason, the County shall be reimbursed its full contribution within sixty (60) days.

PARKER IGA (CONT.)

2. Financial Participation of the Parties. The Town and County have estimated the total cost for the Project to be no more than \$2,000,000, which is to be funded as follows:

(a) County Contribution. The County contribution shall be, but may not exceed, \$1,000,000 which is fifty percent (50%) of the estimated cost of the Project; provided, however, that the County may use other funds in excess of the County contribution to pay for enhancements to the Project that benefit only the County.

(b) Town Contribution. The Town contribution shall be, but may not exceed, \$1,000,000 which is fifty percent (50%) of the estimated cost of the Project; provided, however, that the Town may use other funds in excess of the Town contribution to pay for enhancements to the Project that benefit only the Town.

(c) Rent. The Town will not charge the County rent or request any other fees, charges or compensation in return for performance under this Agreement, other than participation in actual maintenance costs for County property and equipment at the Facility.

In the event that the actual cost of the Project is less than the estimate of \$2,000,000, then the County contribution (\$1,000,000) will be reduced to be equal to no more than fifty percent (50%) of the actual cost of the Project unless otherwise agreed to by the Parties. The agreement of the Town and County as to the distribution of the excess funds, if not reduced as stated above, shall be reflected in a written modification to this Agreement. It is understood and agreed by the Parties that the total cost of the Project stated is the best estimate available, based on the design data as approved at the time of execution of this Agreement, and that such cost estimate for the Project is subject to revisions (in accord with the procedure previously stated).

PARKER IGA (CONT.)

3. Payment Provisions. The Parties agree to pay into a fund maintained by the Town \$1,000,000 each, within ten (10) days of the date that the Town notifies the County in writing that the Town has selected a bidder for the Project, as described in Paragraph 1(c) herein. The Town agrees to invoice the County for the \$1,000,000 at the time that the Town has selected a bidder for the Project.

4. Time for Performance. The Parties acknowledge and agree that the final design of the Facility will be completed no later than April 30, 2014, with construction to begin on or before June 1, 2014, and the Project will be substantially completed on or before June 1, 2015.

5. Access to Lot 2. The County agrees to provide to the Town temporary construction access to Lot 2, through real property that is owned by the County and located immediately adjacent and north of Lot 2. The County further agrees to provide permanent access to Lot 2, through real property that is owned by the County and located immediately adjacent and north of Lot 2, if the Town and the County determine that such access is necessary for the delivery of materials to be stored on Lot 2.

6. Operation, Management and Control of the Facility.

(a) Control. The Town will manage and control the Facility, but both the County and the Town will have separate storage for their materials co-located on Lot 2.

PARKER IGA (CONT.)

(c) Maintenance. The Town will, at its own discretion and cost, maintain the Facility and ensure adequate care of those parts of the Facility that store County materials. In the event that repairs are needed to portions of the Facility that store or protect County materials, the County will cooperate with the Town to pay the costs to make those repairs. The proportion of County participation in costs will depend on the circumstances surrounding the repairs.

(d) Utilities. The Town will pay the cost of electric service to the Facility.

(e) Administration. It is the overriding and critical desire of both the County and the Town to ensure that the working relationship of the Parties remain strong and united in the maintenance and operation of the Facility. To that end, there is hereby created a "Joint Working Group" to be comprised of the Town Public Works Director and the Douglas County Director of Public Works Operations, or their designees. The Joint Working Group shall meet periodically, but not less than two (2) times per year. Joint Working Group meetings may be called at any time by any member of the Joint Working Group, upon seventy-two (72) hours' advance notice to the other members. The Joint Working Group may consider the following matters:

i. Operating Procedures. Develop and establish operating procedures for the Facility to the extent necessary to address matters that are not contained or adequately described in this Agreement.

PARKER IGA (CONT.)

ii. Purchasing Procedures. Establish purchasing procedures for materials, equipment, maintenance and repairs necessary for the Facility.

iii. Budget. Establish a budget for the maintenance and operation of the Facility contingent on future annual appropriation of funds, subject to approval by the Douglas County Board of County Commissioners and the Parker Town Council respectively.

iv. Dispute Resolution. Address disputes between the Parties related to the maintenance and operation of the Facility.

7. Record Keeping. The Town shall maintain a complete file of all records, documents, communications, and other written materials, which pertain to the costs incurred under this Agreement. The Town shall maintain such records for a period of six (6) years after the date of final payment for the project as provided by the Town of Parker Records Retention Schedule. The Town shall make such materials available for inspection at all reasonable times and shall permit duly authorized agents and employees of the County to inspect the project and to inspect, review and audit the project records.

8. Notice. Any notice required or permitted by this Agreement shall be in writing and shall be deemed to have been sufficiently given for all purposes if sent by certified mail or registered mail, postage and fees prepaid, addressed to the party to whom such notice is to be given, at the address set forth below, or at such other address as has been previously furnished in writing, to the other party. Such notice shall be deemed to have been given when deposited in the United States mail.

PARKER IGA (CONT.)

Town of Parker: Public Works Director
Town of Parker
20120 E. Mainstreet
Parker, Colorado 80138

Douglas County: Director of Public Works Operations
Director of Facilities Management
100 Third Street
Castle Rock, Colorado 80104

9. Appropriation. Pursuant to C.R.S. § 29-1-110, the financial obligations of the Town and the County contained herein which are payable after the current fiscal year are contingent upon funds for that purpose being appropriated, budgeted and otherwise made available.

10. No Waiver of Governmental Immunity Act. The Parties hereto understand and agree that the Town and the County, their commissioners, officials, officers, directors, agents and employees, are relying on, and do not waive or intend to waive by any provisions of this Agreement, the monetary limitations or any other rights, immunities and protections provided by the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, *et seq.*, as from time to time amended, or otherwise available to the Town and the County.

PARKER IGA (CONT.)

11. Additional Documents. The Parties agree to execute any additional documents or take any additional action that is necessary to carry out the intent of this Agreement.

12. Colorado Law. This Agreement shall be governed by the laws of the State of Colorado. Venue for any action hereunder shall be in the District Court, County of Douglas, State of Colorado, and the Parties waive any right to remove any action to any other court, whether state or federal.

13. Separate Entities. The Parties enter into this Agreement as separate, independent governmental entities and shall maintain such status throughout.

14. No Third-Party Beneficiaries. The enforcement of the terms and conditions of this Agreement, and all rights of action relating to such enforcement, shall be strictly reserved to the Parties, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person under such Agreement. Any beneficiary of the terms and conditions of this Agreement are not intended beneficiaries, but are incidental beneficiaries only.

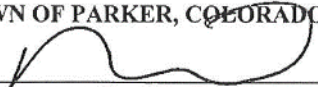
15. Recitals. The recitals to this Agreement are incorporated herein by this reference.

16. Entirety. This Agreement merges and supersedes all prior negotiations, representations and agreements between the Parties hereof and constitutes the entire agreement between the Parties concerning the subject matter hereof.

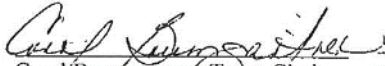
PARKER IGA (CONT.)

IN WITNESS WHEREOF, this Agreement is executed by the Parties hereto as of the date first written above.

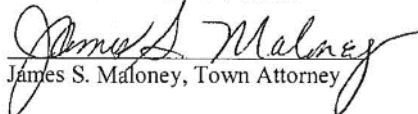
TOWN OF PARKER, COLORADO


Mike Waid, Mayor


ATTEST:


Carol Baumgartner, Town Clerk

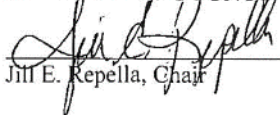
APPROVED AS TO FORM:


James S. Maloney, Town Attorney

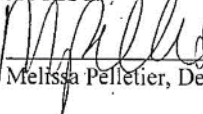
APPROVED AS TO CONTENT:


Douglas J. DeBord, County Manager

**BOARD OF COUNTY COMMISSIONERS
OF DOUGLAS COUNTY, COLORADO**


 11/10/13
Jill E. Repella, Chair

ATTEST:


Melissa Pelletier, Deputy Clerk



APPROVED AS TO FORM:


Assistant County Attorney

APPROVED AS TO FISCAL CONTENT:


Andrew Copland, Director of Finance

TOWN OF PARKER FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

DOUGLAS COUNTY FACILITY - PARKER



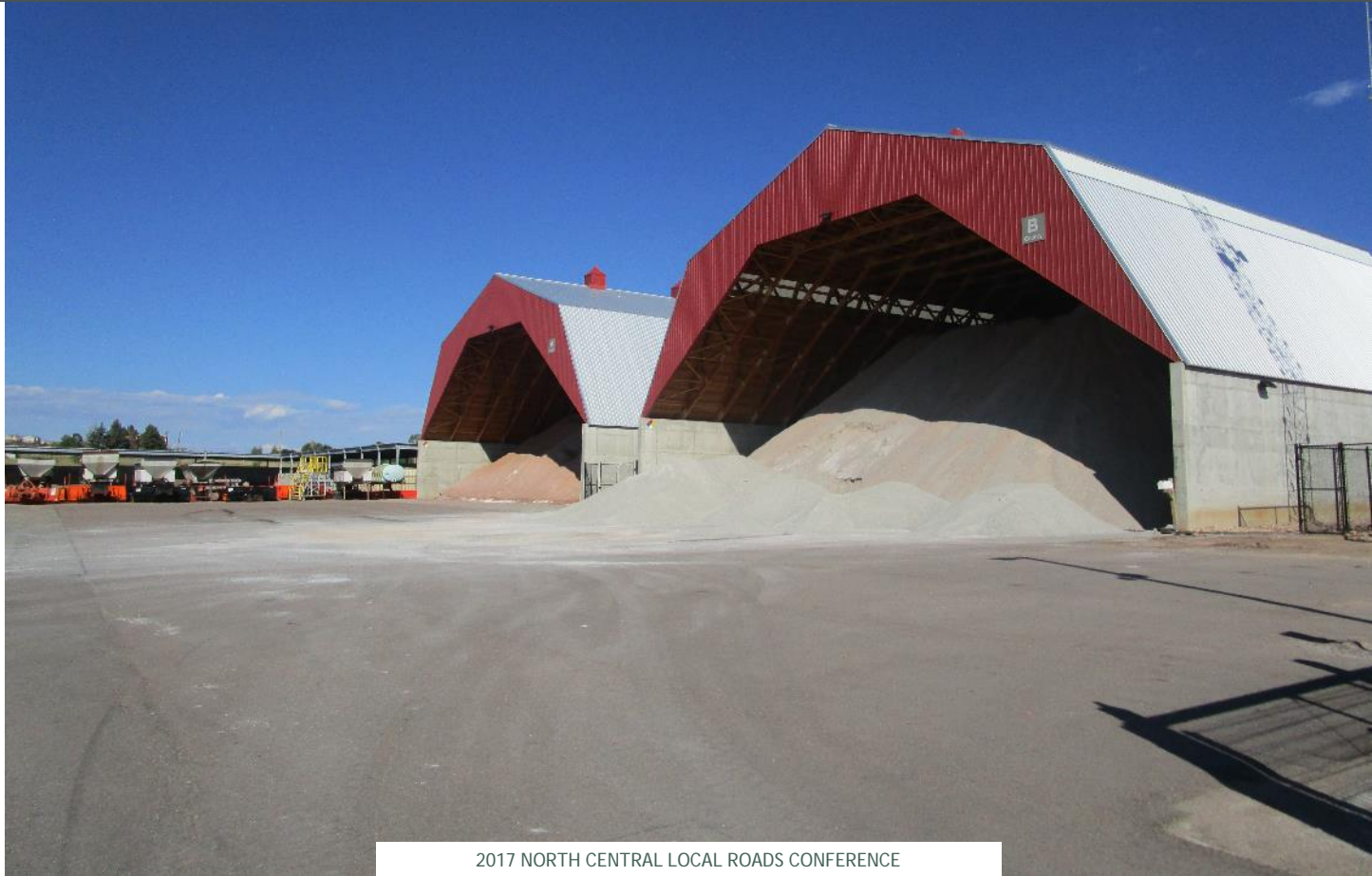
2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

DOUGLAS COUNTY FACILITY - PARKER



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

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DOUGLAS COUNTY FACILITY - PARKER



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

DOUGLAS COUNTY FACILITY - PARKER



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

CASTLE ROCK IGA

**INTERGOVERNMENTAL AGREEMENT
BETWEEN THE BOARD OF COUNTY COMMISSIONERS OF THE
COUNTY OF DOUGLAS AND
THE COLORADO DEPARTMENT OF TRANSPORTATION**

THIS INTERGOVERNMENTAL AGREEMENT ("Agreement") is made this 5th day of October, 2010, between the BOARD OF COUNTY COMMISSIONERS OF DOUGLAS COUNTY, COLORADO, whose address is 100 Third Street, Castle Rock, CO 80104 ("County") and the COLORADO DEPARTMENT OF TRANSPORTATION ("CDOT"), whose address is 4201 E. Arkansas Ave., Denver, CO, 80222.

WHEREAS, the County and the CDOT seek to mutually cooperate in sharing facilities for storage of sand and salt and for truck washing; and

WHEREAS, the County owns and operates the truck wash located at 3030 N. Industrial Way, Castle Rock, CO (Building A- Exhibit A); and

WHEREAS, CDOT owns and maintains the sand and salt storage site located at 4455 Castleton Ct., Castle Rock, CO (Building B- Exhibit A); and

CASTLE ROCK IGA (CONT.)

WHEREAS, CDOT owns the salt/sand storage facility (sand/salt Facility) and the property upon which it is located, said sand/salt Facility has been a shared use sand/salt Facility between the County and CDOT for a substantial period of time, with a concrete wall having been constructed to separate the respective salt/sand storage areas of each party. Each party shall continue to share said sand/salt Facility and shall bear general clean-up responsibilities for their respective storage areas. CDOT shall continue to have sole ownership for said Facility and ownership of the land upon which it is located. CDOT shall be responsible for routine maintenance of the sand/salt Facility.

NOW, THEREFORE, for and in consideration of the promises and other good and valuable consideration, the County and CDOT agree as follows:

1. **AUTHORITY:** The County and CDOT represent that each respective party has taken all actions that are necessary or that are required by its procedures, bylaws, or applicable law, to legally authorize the undersigned signatory to execute this Agreement on behalf of the County and CDOT and to bind the County and CDOT to its terms.

CASTLE ROCK IGA (CONT.)

2. **FACILITY EXCHANGE:**

- A. In exchange for the continued use of sand/salt Facility from CDOT, the County will provide CDOT access credentials for trucks identified by CDOT allowing said trucks to use the County's truck wash facility
- B. In exchange for the use of the truck wash facility, CDOT shall provide the County access to, and use of, the sand/salt Facility for trucks designated by the County.

3. **OWNERSHIP AND MAINTENANCE:** CDOT shall own, insure, and maintain the sand/salt Facility. CDOT's insurance policy will not cover any of the County's trucks or other property that is stored in the sand/salt Facility.

4. **TERM:** It is mutually agreed by the parties that the term of this Agreement shall commence as of the execution date by all parties and terminate on December 31, 2010. This Agreement shall automatically renew for a one year period at the end of each successive term unless either party terminates the Agreement, in writing, on or before November 30 of each year, beginning November 30, 2010.

CASTLE ROCK IGA (CONT.)

8. **NOTICES:** Notices concerning termination of this Agreement, notices of alleged or actual violations of the terms or provisions of this Agreement, and all other notices shall be made as follows:

by CDOT to:	The Board of County Commissioners 100 Third Street Castle Rock, CO 80104 Attn: Doug DeBord, County Manager
with a copy to:	Douglas County Facilities Management 3026 N. Industrial Way Castle Rock, CO 80109 Attn: Vicky Starkey, Facilities Director
with a copy to:	Douglas County Public Works Operations 3030 N. Industrial Way Castle Rock, CO 80109 Attn: Randy Teague, Director
and by the County to:	Colorado Department of Transportation Region One 18500 East Colfax Aurora, CO 80011 Attn: Mike DeLong, Transportation Maintenance Superintendent

CASTLE ROCK IGA (CONT.)

Said notices shall be delivered personally during normal business hours to the appropriate office above, or by prepaid first class U.S. mail, via facsimile or other method authorized in writing by the Authorized Representative. Mailed notices shall be deemed effective upon receipt or three (3) days after the date of mailing, whichever is earlier. The parties may from time to time designate substitute addresses or persons where and to whom such notices are to be mailed or delivered, but such substitutions shall not be effective until actual receipt of written notification.

9. GOVERNING LAW; VENUE: This Agreement shall be deemed to have been made in, and construed in accordance with the laws of the State of Colorado. Venue for any action hereunder shall be in the District Court, City and County of Denver, State of Colorado.

10. COMPLIANCE WITH ALL LAWS AND REGULATIONS: All of the activities conducted under this Agreement by CDOT shall comply with all applicable laws, rules, regulations and codes of the United States and the State of Colorado.

CASTLE ROCK IGA (CONT.)

11. SEVERABILITY: In the event any of the provisions of this Agreement are held to be unenforceable or invalid by any court of competent jurisdiction, the validity of the remaining provisions shall not be affected. Should either party fail to enforce a specific term of this Agreement, it shall not be a waiver of a subsequent right of enforcement, nor shall it be deemed a modification or alteration of the terms and conditions contained herein.

12. NO THIRD PARTY BENEFICIARIES: The enforcement of the terms and conditions of this Agreement and all rights of action relating to such enforcement, shall be strictly reserved to the County and CDOT, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person under such Agreement.

13. HEADINGS; RECITALS: The headings contained in this Agreement are for reference purposes only and shall not in any way affect the meaning or interpretation of this Agreement. The recitals to this Agreement are incorporated herein.

CASTLE ROCK IGA (CONT.)

14. ENTIRE AGREEMENT: The parties acknowledge and agree that the provisions contained herein constitute the entire Agreement and that all representations made by any commissioner, official, officer, director, agent or employee of the respective parties unless included herein are null and void and of no effect. No alterations, amendments, changes or modifications to this Agreement, except those which are expressly reserved herein to the Authorized Representative, shall be valid unless they are contained in writing and executed by all the parties with the same formality as this Agreement.

15. COUNTY EXECUTION OF CONTRACT: This Agreement is expressly subject to, and shall not be or become effective or binding on the County, until execution by all signatories of the County.

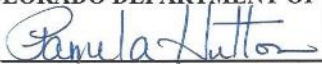
16. CDOT, its employees and contractors shall not be considered agents, employees or officers of the County for any purpose whatsoever. The County, its employees and contractors shall not be considered agents, employees or officers of CDOT for any purpose whatsoever.

17. All financial obligations imposed on the parties by this Agreement are subject to annual appropriation by the parties, subject to Section 29-1-110, C.R.S.


CASTLE ROCK IGA (CONT.)

IN WITNESS WHEREOF, the County and CDOT have executed this Agreement as of the above date.

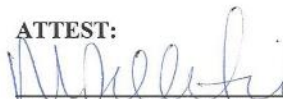
COLORADO DEPARTMENT OF TRANSPORTATION

By:  Date: 9-15-10
Pamela Hutton
Title: CDOT Chief Engineer

THE BOARD OF COUNTY COMMISSIONERS OF DOUGLAS COUNTY, COLORADO

By: 
STEVEN A. BOAND, Chair

ATTEST:


MELISSA PELLETIER
Deputy Clerk



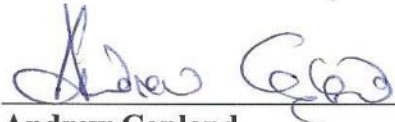
CASTLE ROCK IGA (CONT.)

APPROVED AS TO CONTENT:



Douglas J. DeBord, County Manager

APPROVED AS TO FISCAL CONTENT:



Andrew Copland
Director of Finance

Date: 9/28/10

APPROVED AS TO LEGAL FORM:



Myron A. Clark
Sr. Asst. County Attorney

Date: Sept 27, 2010

CDOT FACILITY AT CASTLE ROCK



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

CASTLE ROCK FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

CASTLE ROCK FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

CASTLE ROCK FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

MOORE ROAD

- Internal Joint Facility with Sheriff's Office, Fleet Services, and Public Works Operations
- 250 Acres
- Includes Right-of-way for New Road Extension
- EVOC Track, Public Works Operations Crew and Storage Facilities, and Fleet Repair Facility

EVOC TRACK



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

MOORE ROAD FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

MOORE ROAD FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

MOORE ROAD FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

LARKSPUR IGA

INTERGOVERNMENTAL AGREEMENT
by and between
THE TOWN OF LARKSPUR, COLORADO
and
THE BOARD OF COUNTY COMMISSIONERS
OF THE COUNTY OF DOUGLAS

THIS INTERGOVERNMENTAL AGREEMENT ("Agreement") dated this 29th day of September, 2015, by and between the Town of Larkspur, Colorado, (the "Town") and the Board of County Commissioners of the County of Douglas (the "County") (collectively, the "Parties").

RECITALS

WHEREAS, pursuant to Colorado Constitution Article XIV, Section 18(2)(a), and Section 29-1-202, C.R.S., the Town and the County may cooperate or contract with each other to provide any function, service, or facility lawfully authorized to each; and

WHEREAS, the Town and the County will benefit from the County performing routine snow removal, as specified, on Spruce Mountain Road, Fox Farm Road, Perry Park Avenue, and Upper Lake Gulch Road within the Town's jurisdiction for a period of time;

NOW, THEREFORE, it is hereby mutually agreed as follows:

2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

LARKSPUR IGA (CONT.)

AGREEMENT

1. SERVICES. The County shall perform routine snow removal and related services within the jurisdictional boundaries of the Town consistent with expectations as set forth in Exhibit A, attached hereto and incorporated herein.

A. The County shall perform routine snow removal consistent with current County roadway snow removal procedures and prioritization schedules.

B. The County shall follow all applicable statutes, rules, and regulations of the State of Colorado, and all policies, procedures, resolutions, and ordinances of the County relating to the subject matter of this Agreement.

2. TERM OF AGREEMENT. The term of this Agreement shall commence on the date of this agreement, and shall continue in full force and effect up to and including January 1, 2020 upon which date this Agreement shall not expire, unless otherwise agreed in writing either by amendment to this agreement or by the parties executing a new Agreement. Exhibit B shall be reevaluated every year in December to apply annual cost adjustments as necessary. Any amendments, changes, or cost adjustments must be reviewed and accepted in writing by both parties. Either Party may terminate this Agreement unilaterally, with or without cause, by giving the other Party thirty (30) days prior written notice of the termination.

LARKSPUR IGA (CONT.)

3. CONSIDERATION. In lieu of a cash payment to the County the Town has agreed to provide, at no cost, to the County, a parcel of land 2.15 acres in size, as described in Exhibit C (“County Site”) attached hereto and incorporated herein, for the storage of County materials and equipment, including but not limited to a salt and sand shed, equipment parking, yard lighting, space for stockpile storage and lighting. In addition, County has the right to make certain improvements to the County Site including security fencing, storm water drainage, tree clearing, grade work and modifications to the storm water detention pond. County may also improve access to the County Site off of Fox Farm Road. County will submit a site plan to the Town for the Town’s review and approval. The County Site shall be available for the County’s use so long as this Agreement has not expired or been terminated, or as otherwise mutually agreed by the Town and County. It is understood that the County shall retain ownership over the materials, equipment, and structural improvements to the County Site, except those physical improvements to the land such as drainage improvements, road access clearing and grading improvements.

It is further understood that the Town has legal possession of the County Site zoned or allowed for a public use such as a County Public Works Operations Facility consistent within the Town’s zoning ordinance.

4. SUBSEQUENT ANNEXATIONS. In the event that the Town annexes additional property subsequent to the execution of this Agreement, the County reserves the right to re-negotiate the terms of this agreement to provide services to the annexed property.

LARKSPUR IGA (CONT.)

5. INDEPENDENT CONTRACTOR. The County is an independent contractor, and nothing herein contained shall constitute or designate the County or any of its employees or agents as employees of the Town. It is agreed that the County shall have direct control with respect to the manner and performance of Services.

6. ADDITIONAL SERVICES. In the event the Town desires services in addition to the Services defined in this Agreement, the Town may make a written request, which will then be addressed and resolved with reasonable promptness and on mutually acceptable terms between the Parties. Such resolution shall be in writing.

7. EACH PARTY RESPONSIBLE FOR ITS OWN ACTIONS. In any action by any third party brought against either Party in connection with the provision of the Services under this Agreement, neither Party shall be liable for the acts or omissions of the other, and each Party shall bear its own costs with respect to the defense thereof.

8. APPROPRIATION. The Parties' obligations under this Agreement are conditioned on the prior appropriation of good and sufficient funds for such purpose. The Parties agree to use good faith efforts to cause appropriation of good and sufficient funds for performance of the obligations herein. This Agreement and/or any extensions to the original term of this Agreement shall be contingent upon annual funding being appropriated, budgeted, and otherwise made available for such purposes by the Town, and the notice of such appropriation, budgeting, and availability being provided to the County on or before October 15 of the current term.

9. ENTIRE AGREEMENT. This Agreement constitutes the entire Agreement between the Parties hereto relating to the work specified in Exhibit A and sets forth the rights, duties, and obligations of each to the other as of the effective date hereof. Any prior agreements, promises, negotiations, or representations not expressly set forth in this Agreement are of no

LARKSPUR FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

LARKSPUR FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

LARKSPUR FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

NORTHWEST IGA

**INTERGOVERNMENTAL AGREEMENT
BETWEEN
DOUGLAS COUNTY SCHOOL DISTRICT RE. 1
AND
DOUGLAS COUNTY
FOR THE
ADMINISTRATION AND OPERATION
THE NORTHWEST JOINT USE FACILITY**

This Agreement is made between the Douglas County School District Re.1, a public school district organized under the laws of the State of Colorado (the "School District"), and the Board of County Commissioners of Douglas County, Colorado, a statutory county organized under the laws of the State of Colorado ("the County"). This Agreement is effective this 1st day of May, 2010 ("Effective Date").

I. RECITALS

- A.** The parties entered into a memorandum of agreement in July of 2002 identified as the Northwest Joint Use Facility. The purpose of the agreement was to develop, construct, own, and operate a Joint Service Facility located at 8117 Midway Drive in Littleton, Colorado.
- B.** The parties now desire to establish administration and operating procedures for the Facility.

NORTHWEST IGA (CONT.)

II. TERM AND TERMINATION

A. This Agreement shall commence on the Effective Date and shall continue until December 31, 2011 ("Initial Term"), unless otherwise terminated as provided in this Agreement. Subject to such termination provisions, after the Initial Term, unless modified as provided in the next paragraph, this Agreement shall renew automatically upon the same terms and conditions, except that any renewal term shall be for a one-year period.

B. If the parties desire to modify this Agreement after the Initial Term or at any subsequent renewal, any modifications may be either incorporated herein by written amendment or set forth in a new written agreement.

C. Notwithstanding any other provision of this Agreement, this Agreement may be terminated as follows:

1. By mutual agreement, as evidenced by a written agreement to terminate; or

2. By any Party immediately for cause, upon written notice of termination to the other Party. For the purpose of this section, "cause" shall be construed to mean the failure of a Party to correct a material breach of its obligations under this Agreement within 60 days after notice of such breach is received from the other Party, unless such breach cannot, with due diligence, be corrected within such 60-day period and the Party notified of such breach is diligently pursuing correction of said breach.

NORTHWEST (CONT.)

III. MANAGEMENT RESPONSIBILITIES

A. Because the School District is the property owner it shall act as and fulfill the responsibilities of an Administrator, and as such, shall have the authority and responsibility for the day-to-day management decisions relating to the operation of the Facility; and

B. The duties of the Administrator include, but are not limited to, performance of the following services:

1. As needed, maintain and/or arrange for the maintenance of complete books of account of the Joint Use, classifying receipts and expenditures by governmental entity;

2. Provide for the maintenance and repair of the Facility, including keeping accurate records that reflect expenditures of time and money associated with such maintenance or repair;

3. Prepare or cause to be prepared a capital improvement plan and budget that records the present site layout and illustrates planned improvements such as additional parking, new buildings or additions and access enhancements, with projected costs and timing for construction;

NORTHWEST (CONT.)

4. Administrator shall maintain standard policies of insurance on the Facility, and each party shall maintain standard policies of insurance covering their contents and equipment with coverage types and limits ordinarily acceptable in the property management industry to protect the Joint Venture from loss resulting from destruction of the Parties' property, or resulting from liability for personal injury or property damage; provided, however, that each Party shall maintain a separate commercial general liability policy with limits of not less than \$150,000 per person/\$600,000 per occurrence, which policy shall name as additional insured's the other participants of the Agreement; and

5. Perform any other tasks reasonably necessary or desirable for the administration or operation of the Facility.

C. The School District, whether or not it is acting in the capacity of Administrator, shall purchase fuel supplies to service the vehicles of the School District and maintain the fuel system in compliance with all regulations.

D. The County shall maintain the on-site generator.

E. Should a dispute arise between any Party relating to this Agreement, the resolution of said dispute, shall be referred to the Chief Operating Officer for the School District and the Facilities Director for the County for appropriate consideration and action.

F. No Party shall obligate or otherwise create a liability of the Agreement or any other Party unless there is a budget and appropriation for the liability and there is the consent of a majority of the Parties or the individual Party in question.

NORTHWEST (CONT.)

G. The Parties shall meet annually, or more frequently as necessary, at a mutually convenient time and place to review any issues relating to the administration and operation of the Facility, including future capital improvements. Cost of capital improvements would be based on net exclusive benefit as determined by each of the Parties.

H. When the Initial Term ends, and thereafter at each annual renewal date, the parties shall meet for the purpose of reviewing past Repair and Operating Costs and the Capital Improvement Plan.

IV. ALLOCATION OF EXPENSES

A. Operating Costs

1. The term "Operating Costs" used with reference to any given portion of the Facility shall mean the expenses reasonably necessary or desirable for the day-to-day operation of the Facility, including, without limitation, custodial service and supplies, snow removal, trash pick-up, one telephone line, water, sewer, gas, electricity, and employee salaries and benefits.

2. Respective Operating Costs of the Facility shall be the responsibility of each Party to this Agreement for their Exclusive Facilities.

3. Snow removal shall be the responsibility of the District, with the County providing assistance in this task, when possible.

4. Landscape maintenance around facility will be responsibility of the District.

NORTHWEST (CONT.)

B. Repair Costs

1. The term "Repair Costs used with reference to any given portion of the Facility shall mean the expenses reasonably necessary due to wear, periodic replacement, vandalism, damage, or catastrophic event of such portion of the Facility, specifically grounds and/or parking areas, and shall not include the day-to-day operating expenses. Facility repair costs shall be the responsibility of each Party for their respective buildings;

2. Any Repair Costs beyond normal wear and tear, proximately caused by the negligence or intentional misconduct of any agent or employee of the Party, shall be borne by Party to the extent insurance proceeds are inadequate to cover the incurred expenses.

3. Subject to paragraph 1, responsibility for the Repair Costs of the grounds and parking areas shall be accommodated among the parties as follows:

a. Unless the Parties agree otherwise in writing, the responsibility for all "Repair Costs," which shall mean Repair Costs of \$10,000 or more; shall be allocated among the Parties to the Agreement on a percentage basis. Usage is estimated to be School District 80%, County 20%.

NORTHWEST (CONT.)

C. Exclusive Facilities

Each Party shall be responsible for payment of the Operating Costs and Minor Repair Costs of those areas of the Facility designated below as its Exclusive Facilities of each Party:

1. The Exclusive Facilities of the School District consist of Building A and Building D as identified in Attachment A.
2. The Exclusive Facilities of the County consist of Building B and Building C as identified in Attachment A.

VI. LIABILITY

A. It is mutually understood and agreed that none of the Parties assumes any responsibility hereunder for the supervision of activities sponsored or conducted by any other Party at the Facility. During the period that any portion of the Facility is being used by any Party to the Agreement in a sponsored activity or program, the using entity in each instance shall be responsible for all necessary supervisory or instructional personnel required for such activity, shall bear the cost of all necessary supervisory and instructional personnel, and shall have in force at all times a valid property damage and public liability insurance policy, covering such areas and activities, in an amount at least equal to \$150,000 for injury to one person and \$600,000 for injury to two or more persons in any single occurrence.

NORTHWEST (CONT.)

B. The Parties agree that they are relying on and do not waive or intend to waive by any provisions of this Agreement, the monetary limitations of, or any other rights, immunities, or protection provided by the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, *et seq.*, as from time to time amended, or otherwise available to the Parties, their officers, or their employees.

C. The covenants and agreements herein contained are for the benefit of the Parties only, and do not create any obligations or duties to persons not parties hereto.

D. It is the intention of the Parties to limit the Parties' liability toward persons entering the Facility for the purposes addressed in Exhibit 3, in the event that any or all of the parties would otherwise be liable, pursuant to C.R.S. § 33-41-101, *et. seq.*

E. Each Party shall notify the Administrator of any defects or potential defects, dangerous conditions or potential dangerous conditions, claims or potential claims from damage or injury that come to its attention in connection with its usage.

NORTHWEST (CONT.)

F. Neither Party shall:

1. Conduct on any portion of the Facility any activity that utilizes, requires storage of, or will produce any pollutant, contaminant, toxic or hazardous waste, or any other substance, the removal of which is required or the use of which is restricted, prohibited or penalized by any environmental law, except for such activities that are part of the ordinary course of the Parties' official duties, including without limitation, training activities, and which are conducted in accordance with all federal, state, and local laws and regulations relating to pollution or protection of the environment ("Environmental Laws").

2. Use any portion of the Facility in any manner the storage of any substances referred to in the previous paragraph, except for the temporary storage of materials used in connection with activities permitted under the previous paragraph, provided that the manner and location of such storage meets all Environmental Laws; or

3. Use any portion of the Facility as a landfill or dump.

G. To the extent permitted by law, but without waiving any of the protections afforded by the Colorado Governmental Immunity Act, or other state or federal laws or regulations, each Party shall bear its share of responsibility for any and all liabilities, claims, penalties, forfeitures, suits, and the costs and expenses incident thereto, including any costs of defense and which the Party or any other party(s) may incur, become responsible for, or pay out as a result of: death or bodily injury to any person; destruction or damage to any property; contamination of or adverse effects on the environment; or any violation of governmental laws, regulations, or orders. Each Party's obligation under this provision shall be limited to the degree or percentage of the negligence or fault attributable to said Party for causing the claimed damage or injury. Each Party's obligation under this provision is further limited to the sum that exceeds the amount of any applicable insurance proceeds.

NORTHWEST (CONT.)

VII. AMENDMENT

This Agreement is the entire Agreement of the parties and may not be amended except by a writing referencing this Agreement and signed by all Parties. All prior discussions and understandings of the respective Parties pertaining to the subject matter of this Agreement are hereby merged into this Agreement.

VIII: MISCELLANEOUS

A. Binding Effect. This Agreement shall be binding upon the Parties and their successors in interest.

B. Notice. Any notice required by this Agreement shall be in writing. If such notice is hand delivered or personally served, it shall be effective immediately upon such delivery or service. If given by mail, it shall be certified with return receipt requested and addressed to the following addresses:

NORTHWEST (CONT.)

Notice given by mail shall be effective three days after it is deposited in the United States mail depository with sufficient postage for delivery, and correctly addressed.

C. Governing Law. This Agreement and the rights and obligations of the Parties hereto shall be interpreted and construed in accordance with the laws of the State of Colorado and venue shall be proper only in the District Court in Douglas County, Colorado.

D. Authority of Signators. The Parties represent that the individuals signing this Agreement on behalf of the respective Parties possess full power and authority from their respective governing boards in compliance with the laws of the State of Colorado.

E. Nonwaiver. No waiver of any right under this Agreement shall operate as, or be construed to be, a waiver of any subsequent breach of the same or any other provision of this Agreement.

F. Further Assurances. Each Party agrees to perform all other acts and execute and deliver all other documents as may be necessary or appropriate to carry out the intent and purposes of this Agreement.

G. Severability. Each provision of this Agreement shall be severable. If any provision is held invalid, contrary to, or in conflict with any law or regulation by a tribunal with competent jurisdiction, the remainder of this Agreement shall remain in effect.

NORTHWEST (CONT.)

H. Annual Appropriation: Any financial obligation of this Agreement outside the current fiscal year of either Party is subject to the multiple fiscal year obligation limitations of Article X, Section 20(4)(b) of the Colorado Constitution and/or § 29-10-110, C.R.S., and subject to annual appropriation of the parties as neither party has irrevocably pledged or intended to pledge adequate present cash reserves payment in all future years of this Agreement.

I. No Third Party Beneficiaries: The enforcement of the terms and conditions of this Agreement and all rights of action relating to such enforcement, shall be strictly reserved to the County and the School District, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person under such Agreement.

DOUGLAS COUNTY SCHOOL DISTRICT RE. 1

NORTHWEST (CONT.)

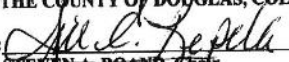
DOUGLAS COUNTY SCHOOL DISTRICT RE. 1

BY: 
William Moffitt, Executive Director
Of Facilities Management

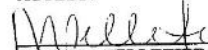
APPROVED AS TO CONTENT:


Darci Mohr, Legal Counsel

THE BOARD OF COUNTY COMMISSIONERS
OF THE COUNTY OF DOUGLAS, COLORADO


BY: 
STEVEN A. BOARD, Chair

ATTEST:


MELISSA PELLETIER
Deputy Clerk



APPROVED AS TO CONTENT:


Douglas J. DeBord, County Manager

APPROVED AS TO LEGAL FORM:


Lance J. Ingalls, County Attorney

APPROVED AS TO FISCAL CONTENT:


Andrew Copland, Director of Finance

2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

NORTHWEST FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

NORTHWEST FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

NORTHWEST FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

NORTHWEST FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

TRUMBULL LEASE

Operations Plan
For
Trumbul Road and Bridge Maintenance Yard
And
Trash Transfer Facility

- Purpose:** The Douglas County Board of County Commissioners are committed to providing timely Road and Bridge services to the rural area in the extreme southwest corner of Douglas County and to provide a collection point for domestic trash services. To do so requires a fixed facility which to operate in the general area.
- Responsibility:** It shall be the responsibility of the Douglas County Road and Bridge Manager, acting on behalf of the Douglas County Board of Commissioners to ensure that the Road and Bridge yard and the trash transfer facility are operated within the standards set forth in an IGA with the Denver Water Department, and all County, State and Federal rules, regulations and laws applicable to the site and the operations therein.
- Location:** Douglas County Public Works Operations Division has operated a small Road and Bridge yard at 6008 S. County Road 67 since 1994 and subject to Denver Water Department authorization intends to continue the Road and Bridge yard and to operate a small trash transfer facility for the collection of domestic trash (at some point in the future, possibly a recycle program for common recycle products e.g. glass, plastic, cardboard, and aluminum cans. Specific operations will be described herein.)

TRUMBULL LEASE (CONT.)

Operations: The specific activity at the Road and Bridge yard/trash transfer facility will be as follows:

1. Road and Bridge:

- A. Ability to park equipment necessary to perform day to day maintenance for the southwest corner of Douglas County.

- i. Typically this would include 1 motorgrader, 1 single axle dump truck with sanding equipment, one backhoe loader, one pickup truck and other miscellaneous implements.

- ii. On occasion other equipment will be parked at the yard while performing maintenance activity in the general area.

- iii. Provision of an approximate 1200 square foot temporary building for the storage of abrasive materials necessary for the ice and snow operations during the winter months, miscellaneous storage and a small office area. The building is necessary to provide cover for the abrasive materials to prevent run off.

- iv. Provision for an on-site fueling station for the Road and Bridge operation as well as resident law enforcement vehicles serving the area. The fuel tanks shall be a double wall con-vault system that is permitted through

TRUMBULL LEASE (CONT.)

the State Oils Division for placement and spill protection. Both gasoline and diesel shall be dispensed at the site.

v. Outside storage shall include culverts and on occasion stock piles of aggregate products to support specific projects in the general area.

vi. Hours of operation are typically 7:00 a.m. to 5:30 p.m., Monday through Friday and whenever required for ice and snow removal or emergency situations.

2. Trash Transfer Facility:

A. The trash transfer facility shall be for the collection of domestic trash only for the residents in the general area.

B. Trash shall be removed from customer vehicles and shall immediately be deposited in roll off dumpsters or into a chute feeding a trash compactor. Initially, the site shall be equipped with one roll off dumpster, with the intent of installing a trash compactor in the near future. A trash compactor will reduce the frequency of dumping and lend to environmental improvement. One open top container will still be needed to handle bulky materials.

C. The trash containers will be fenced with chain link fencing on all sides and on top to prevent wildlife entry. The facility will be monitored for rodents and treated as necessary for rodent elimination.

D. Every reasonable effort shall be made to prevent an odor problem for the surrounding area.

E. Hours of operation are 8:00 a.m. to 4:30 p.m. on Saturdays only, unless an emergency situation dictates a need beyond normal operations.

TRUMBULL LEASE (CONT.)

3. General:

A. The entire site shall be fenced and gated to prevent unauthorized entry. The fence facing the west shall be 6 foot cedar fencing to screen the operations on the site from the adjacent park and from County Road 67.

B. The entire site shall be monitored continuously for potential environmental damage and should a situation occur that presents a real or potential contamination problem the matter shall be mitigated as quickly as possible.

C. Douglas County shall maintain general liability insurance covering the operations of the site to the limits required by State Statute and shall list the Denver Water Department as an additional insured.

D. This operations plan shall be reviewed periodically (at least every 3 years) and shall be amended to reflect current operations.

E. The operations plan shall be an exhibit to an IGA executed by the Douglas County Board of Commissioners and the Denver Water Department.

TRUMBULL FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

TRUMBULL FACILITY



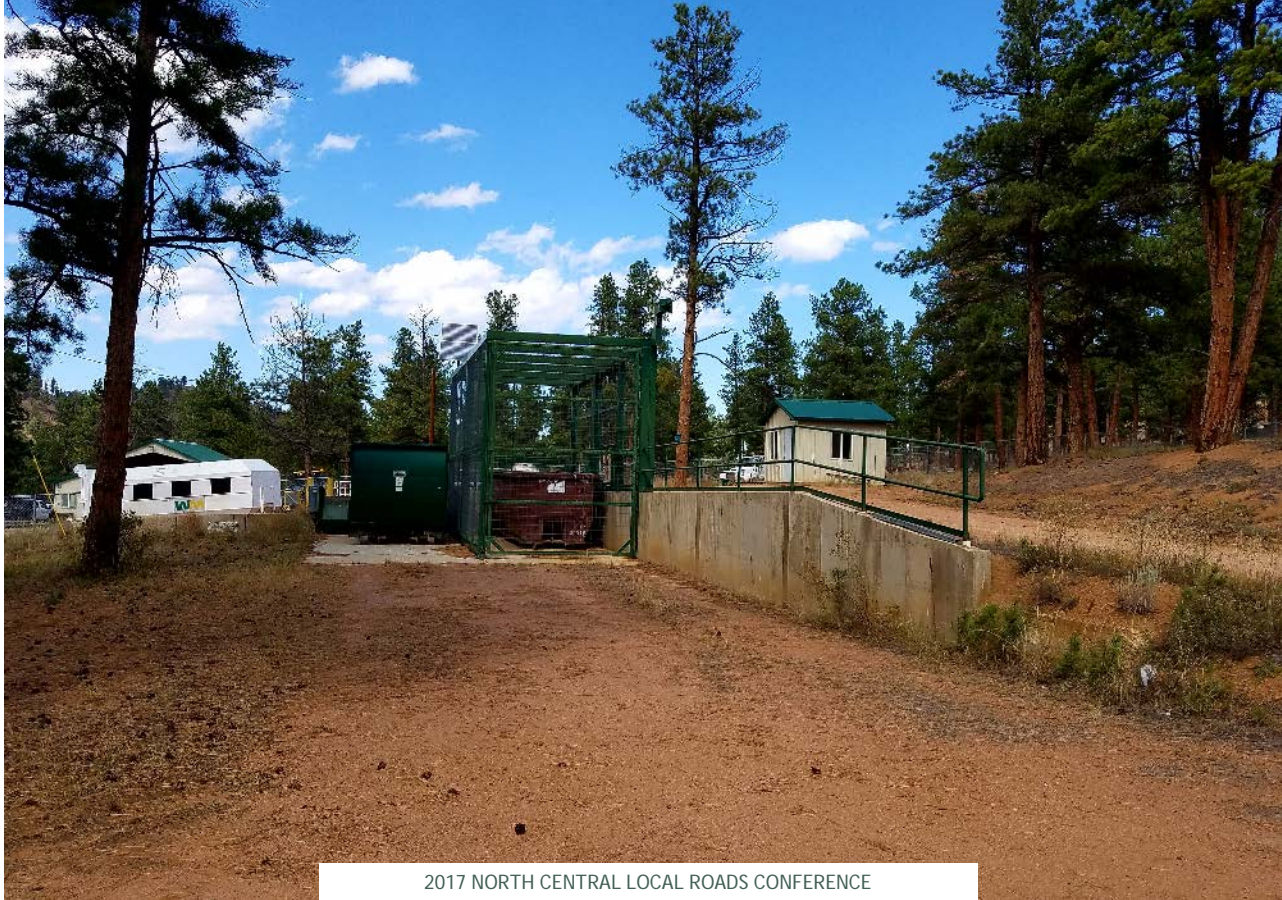
2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

TRUMBULL FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

TRUMBULL FACILITY



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

Constructed in 2007

Highly Energy Efficient Public Works Facility

Geothermal, Natural Light, Efficient Light Fixtures,
Central HVAC Controls, Waste Oil Heat, Floor Heat,
Radiant Heat, Heated Makeup Air, Automated Truck Wash
Wind and Solar Energy Systems added in 2010

RILEY COUNTY FACILITY

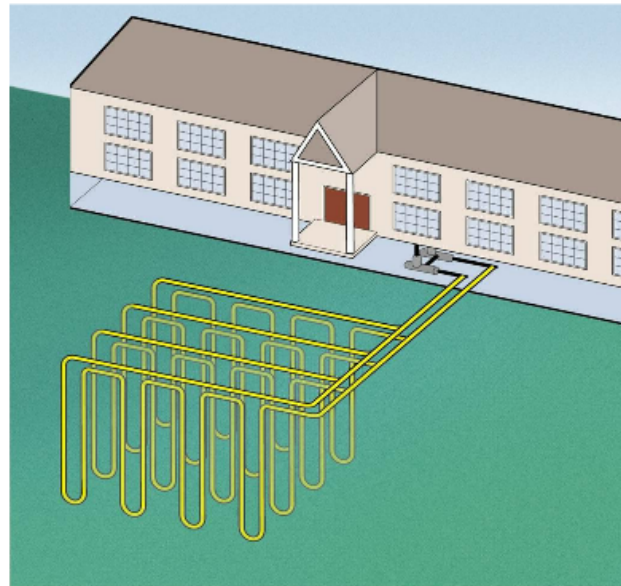


2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

Ground Source Heat Pump

- 44 wells, each 250 feet deep, installed to provide ground source heating and cooling.
- Except for pumps, no gas or electricity is needed to heat or cool air circulated throughout the building



RILEY COUNTY FACILITY

Riley County Public Works Complex



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

Natural Lighting

- Used extensively throughout the project
- Allowed for a 50% reduction in number of light fixtures
- Estimated 60% savings in energy costs



RILEY COUNTY FACILITY

Natural Lighting



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

Riley County Public Works Complex



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

Natural Lighting



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

High Efficiency Lighting

- T5 and T8 florescent light fixtures throughout
- Use 35% less energy than old style T12 fixtures.



RILEY COUNTY FACILITY

High Efficiency Lighting

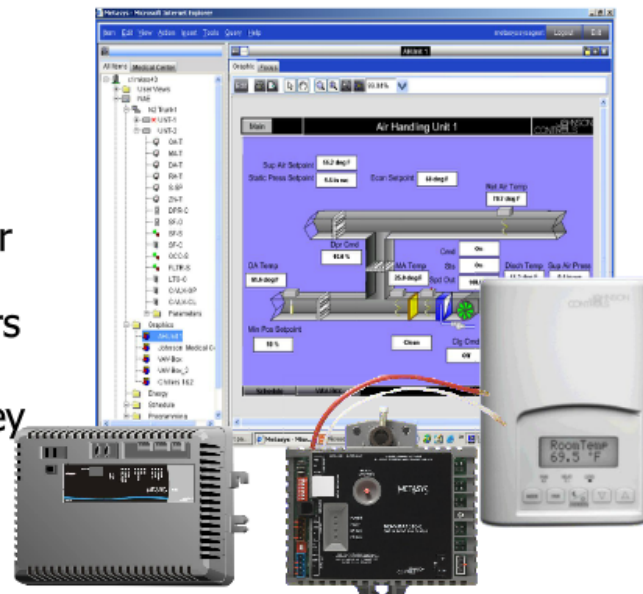


2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

Central Control System

- Two facilities have an integrated central control system
- System provides a central control point for regulating HVAC temperature after hours
- Plan to connect other campus facilities as they are completed



RILEY COUNTY FACILITY

Radiant Floor Heating

- Shop floors have hot water piping that store and emit heat
- Floor heat provides quick recovery after opening shop overhead doors
- Helps melt ice from plow trucks during winter months



RILEY COUNTY FACILITY

Riley County Public Works Complex

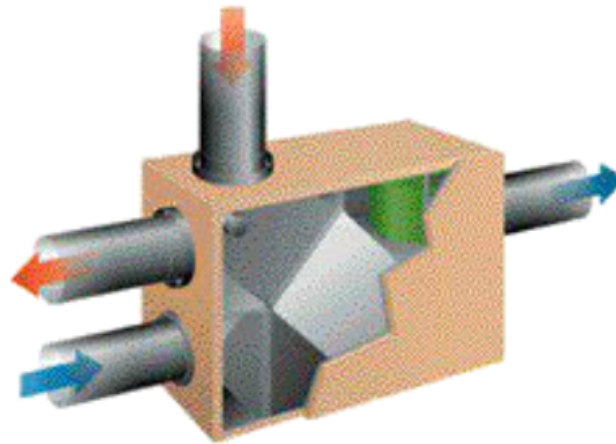


2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

Pre-heated Intake Air System

- The main shop is equipped with a heated ventilation system
- Pre-heated intake air is supplied when exhaust fans are engaged to reduce energy load on other heating systems



RILEY COUNTY FACILITY

Riley County Public Works Complex



2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

Automatic Vehicle Wash System

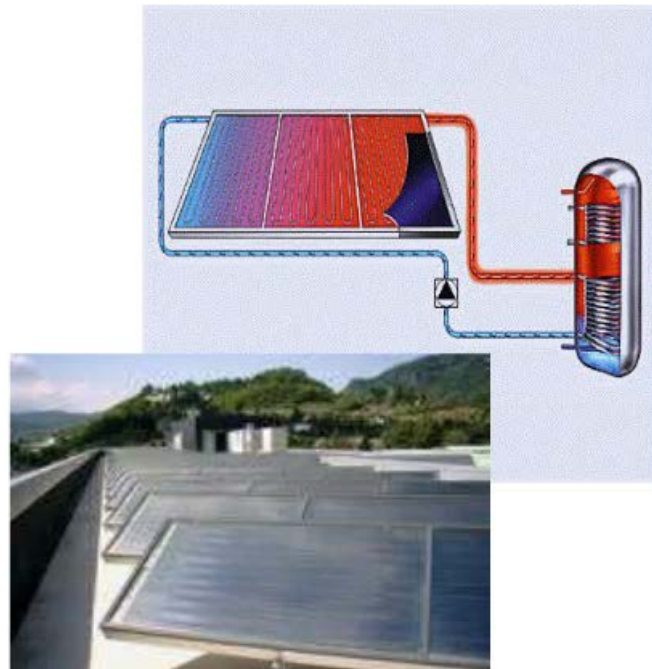


2017 NORTH CENTRAL LOCAL ROADS CONFERENCE

RILEY COUNTY FACILITY

Solar Thermal

- Replace gas fired domestic hot water
- Heating and cooling applications
- Supplement radiant floor heating systems
- Supplement vehicle wash system



RILEY COUNTY FACILITY

Solar Electric (Photovoltaic)

- Use PV for targeted applications, such as:
 - Street Lighting
 - Security Systems
 - Server Rooms



RILEY COUNTY FACILITY

Waste Oil Heating System

- Forced air heat for shop and storage areas in two facilities
- Utilize the 13,000 gallons of oil currently collected each year by HHW



RILEY COUNTY FACILITY

Large Wind

- Potentially Class 4 winds at the site
- Industrial grade turbine – 2.5 MW
- Provide access to educational partners for programs to teach students how to maintain large wind turbines



Rod Meredith
Director of Public Works Operations

Phone: 303-660-7480

rmeredith@douglas.co.us

www.douglas.co.us



32nd Annual North Central Local Roads Conference
Rapid City, SD – October 19-18, 2017



Brian Gustad Yankton County, SD Highway Superintendent



32nd Annual North Central Local Roads Conference
Rapid City, SD - October 18-19, 2017

What Would The Ideal Maintenance Shop Look Like?

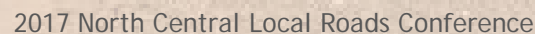
Items to Discuss

- Layout or floor plan
- Shop equipment
- Shop safety
- Utilizing space
- Office space

Layout/Floor Plan

- Ideal shop layout/floor plan
 - Yankton County Highway Department's for example

FRANK J. O'SHEA, Principal Engineer, Client/Venue, 74 Vanden Ouden Highway Shop Topography Inc./Downingtown, CO 19340-0142; e-mail: frank@topographyinc.com



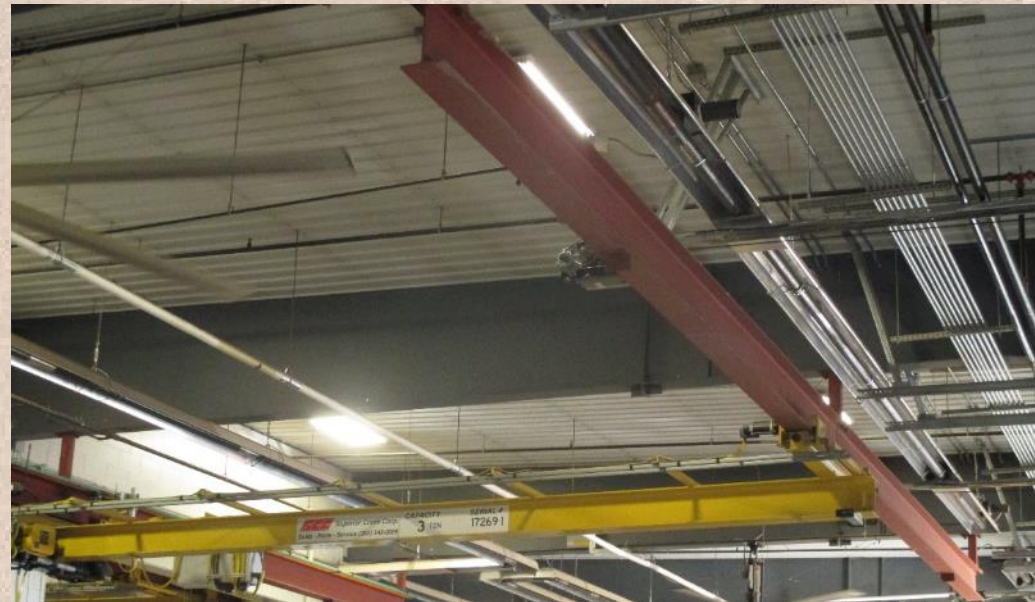
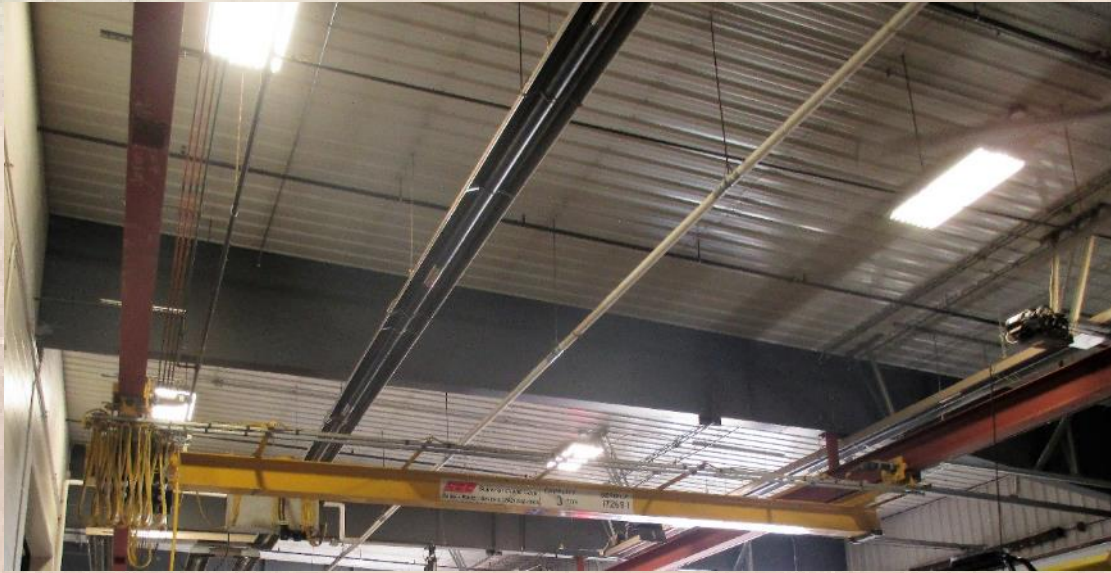




Equipment

- Shop Equipment

Overhead Cranes



Overhead Lighting & Fans



Safety

- Safety Equipment

Generator (inspected yearly)



Fire Alarm System & Co2 Monitoring

3rd party monitoring with direct link
to emergency management services



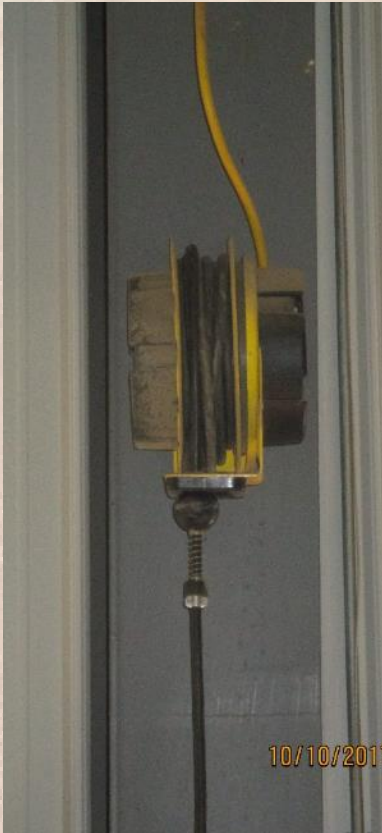
Eye Wash Station, First Aid Station & Defibrillator



Fuel Monitoring System - Identifies fuel usage & monitors for leakage



Air Hose & Electrical Cord Reels



Break/Training Room & Employee Lockers



Utilizing Space

- Pallet Racking

Pallet Racking



Office Space

- Include office in same building?





Brian Gustad Yankton County Highway Superintendent

www.co.yankton.sd.us

bghwysupt@co.yankton.sd.us

605-260-44736

32nd Annual North Central Local Roads Conference
Rapid City, SD - October 18-19, 2017





Ron Bohaty Lancaster County, NE



32nd Annual North Central Local Roads Conference
Rapid City, SD - October 18-19, 2017

PAMELA A. DINGMAN
COUNTY ENGINEER

LANCASTER COUNTY, NEBRASKA
MAINTENANCE DISTRICTS

KENNETH D. SCHROEDER
COUNTY SURVEYOR

Legend:

- INTERSTATE HIGHWAY
- STATE HIGHWAY
- PAVED ROAD
- GRASS ROAD
- DIRT ROAD
- ROAD WITH ROAD ON TOP
- ROAD MAINTAINED BY ADJOINING COUNTY
- RAILROAD
- MOORE TRAIL
- COUNTY PATROL STATIONS
- COUNTY MAINTENANCE HEADQUARTERS
- COUNTY BOUNDARY
- TOWNSHIP LINE
- SECTION LINE
- UNINCORPORATED VILLAGE OR CITY
- SUBDIVISION
- SLUICE PASS
- RIVER OR CREEK
- LAKE OR POND
- RESERVOIR WITH DAM
- WETLANDS

Source:

- Lancaster County Records, Lancaster County Engineering Department
- 1992 Lancaster County Map, Lancaster County Engineering Department
- 1997 Lancaster County Map, Lancaster County Engineering Department
- 2001 Lancaster County Map, Lancaster County Engineering Department
- City Limits for Lincoln, City of Lincoln, Lancaster County Engineering Department
- Census Bureau TIGER/Line Data, U.S. Department of Commerce
- Digital Aerial Orthophotography, Nebraska Department of Natural Resources
- U.S.G.S. Topographic Quadrangles, U.S. Department of the Interior

LANCASTER COUNTY ENGINEERING DEPARTMENT
444 Cheney Creek Road Bldg. C
Lincoln, Nebraska 68508
Tel: 402-441-7881 Fax: 402-441-8602

MAP PREPARED AT PUBLIC EXPENSE AND NOT FOR SALE
ENGINEERING DEPARTMENT, NEBRASKA U.S.A.
Printing Date: January 2014

- 2017 North Central Loca

Key Topics

- Waste Oil Management
- GPS/Maintenance Software
- Shop Computers/Software
- Shop Security/Access

Waste Oil Management

- Simplify the process to dispose of waste oil within the shop environment.
- Comply with EPA SPCC rules for containment of waste oil.
- Make the process easy for vendors to pickup waste oil.

Waste Oil Sink / Tote

- Used low cost durable sink to dump waste oil into and drain filters
- Used pneumatic diagram pump to transfer waste oil into tote.
- Covered tote in secondary containment to prevent access and moisture.







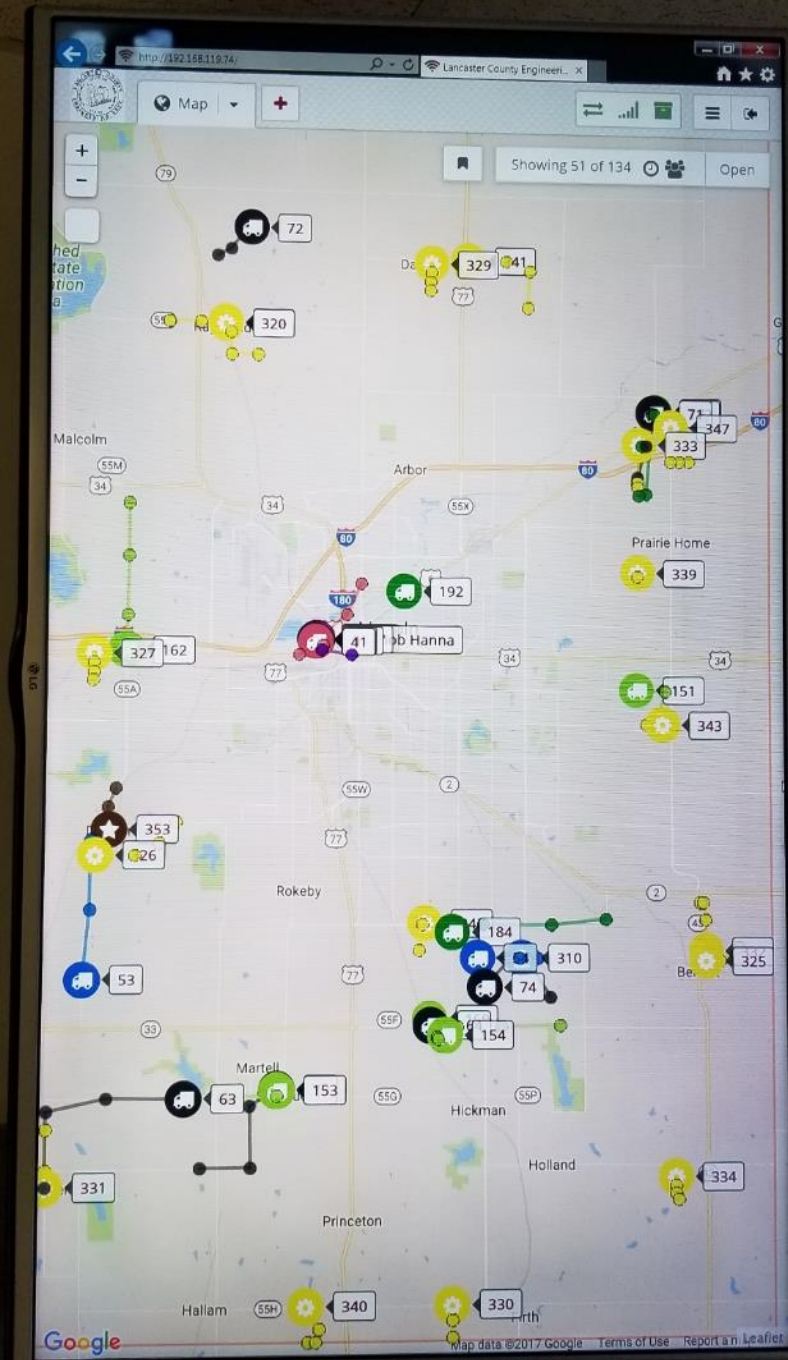


GPS / Maintenance Software

- Emergency Snow/Weather asset control
- Miles / Hours used, fuel usage, idling
- Emergency notification
- Public information calls
 - When will, or my road never gets plowed/graded?
 - Your truck hit my mailbox this morning!
 - A County truck was speeding past me!

Key Needs

- Low cost
- Web based / Tablet / Cell phone
- Uses radio to transmit data
- Reportable
- Extended backup
- User control





Lancaster County Engineering

GPS and MESSAGING SOFTWARE

- Kenwood – NEXEDGE Radio System
- Built in GPS Connectivity
- TruFleet Software by Tallysman Wireless
- Emergency Notifications
- 2-way Messaging
- Fleet Reports
- Web Based User Access

Lancaster County Engineering

Upgraded Equipment



Shop Computers / Software

- Give mechanics more flexibility and the ability to communicate.
- Email for tech support
- Work order / Vehicle data online
 - Create, modify, view, organize
- Online manuals, tech support, parts.

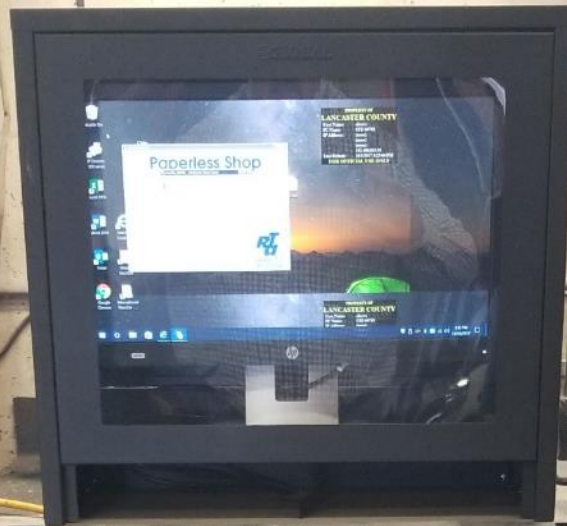
Key Needs

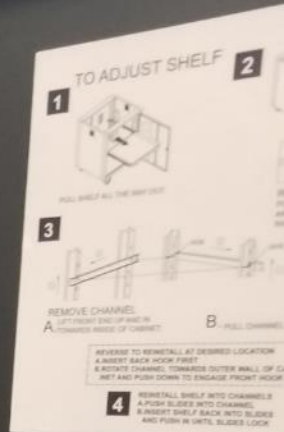
- Fast processor
- Shop environment rated
- Ability to access all needed software
- Ability to print
- Ability to use email
- Ability to view diagrams, data, parts

Key Needs

- Wireless
- Mobile - Battery backup
- Bluetooth - for adapters
- Speakers - to hear training videos
- Fan - to keep the dirt out
- Easy to use

SAFETY
FIRST
WEAR GOGGLES
WHEN GRINDING





Shop Security / Access

- With 17 buildings and 100+ employees how can we keep track of all the keys?
- How to give access to other vendors for machine / building repairs?
- During Emergency responses, how do we give other agencies access if needed?

Key Needs

- Access control for 200+
- Weather proof
- Low maintenance
- Backup method of entry
- Easy to program
- Record storage of entries

Key Needs

- Allow changes for employee changes.
- One time access codes for vendors
- Multiple style of locks for different types of doors



Summary

- Locks give access for waste oil vendors
- GPS helps with breakdown location
- Waste oil sinks allow mechanics to drain oil inside the building safely
- Computers help the data from the mechanic get into the database and be viewed in the future.

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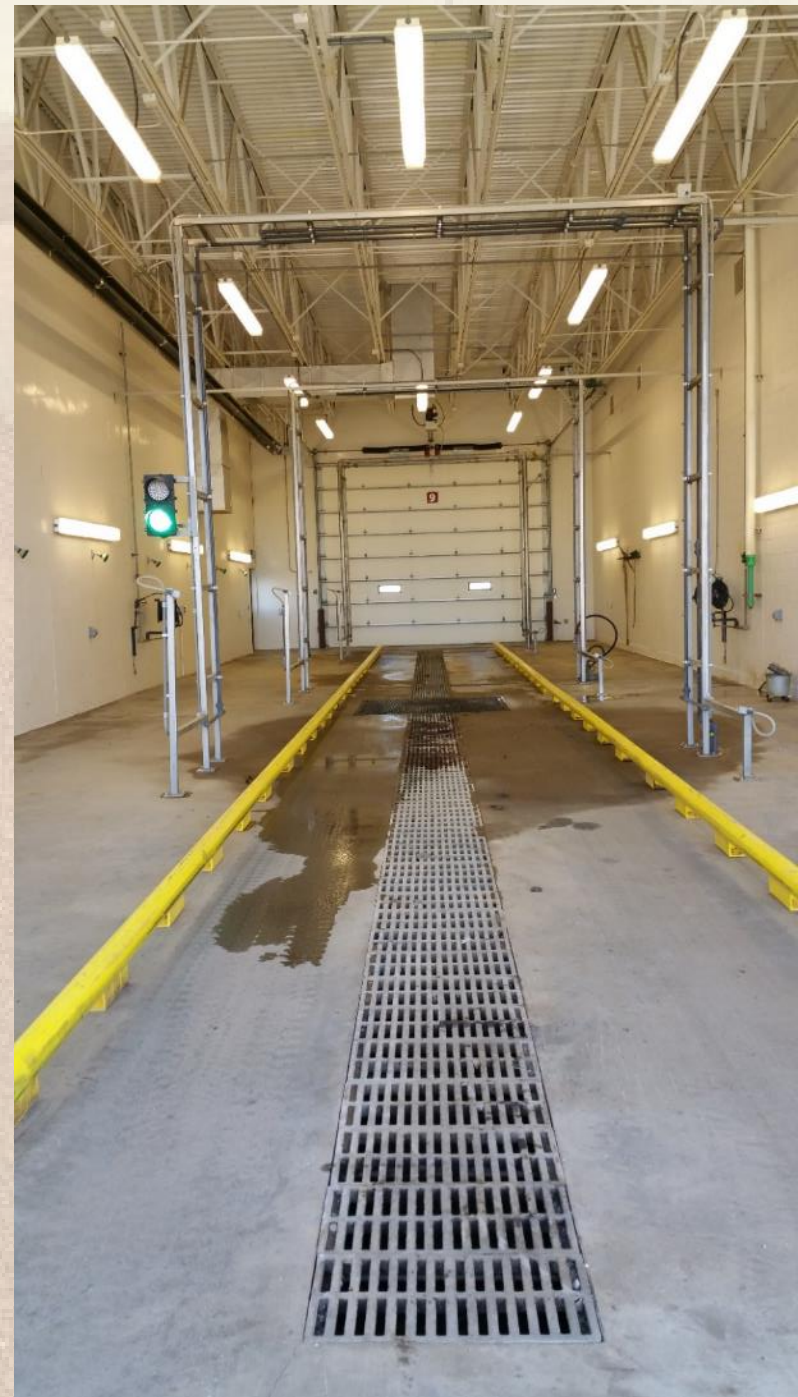


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Burleigh County - Wayne Klein

Wash Bay - Truck Wash



Burleigh County - Wayne Klein

Warm Storage



Burleigh County - Wayne Klein

Welding Room





Wayne Klein Burleigh County

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Thank You Presenters

Questions??



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