

Daniel "Danny" Mayfield
Commissioner, District 1

Virginia Vigil
Commissioner, District 2

Robert A. Anaya
Commissioner, District 3



Kathy Holian
Commissioner, District 4

Elizabeth Stefanics
Commissioner, District 5

Katherine Miller
County Manager

Memorandum

DATE: *JULY 26, 2011*

TO: *BOARD OF COUNTY COMMISSIONERS*

FROM: *ROBERT MARTINEZ, PUBLIC WORKS TRANSPORTATION MGR. RM*

VIA: *KATHERINE MILLER, COUNTY MANAGER*

SUBJECT: *BCC MEETING AUGUST 9, 2011
REQUEST A WAIVER FROM SECTION 1 OF ORDINANCE NO. 2010-8 TO
PURCHASE (3) TANDEM DUMP TRUCKS WITH SNOW REMOVAL
EQUIPMENT FOR A TOTAL OF \$525,000 UTILIZING THE STATE OF
NEW MEXICO PRICE AGREEMENTS 80-000-00-00002, 00-000-00-00005
AND 00-000-00-00010.*

BACKGROUND AND SUMMARY:

The Public Works Department was allocated funding from the County capital package to purchase 3 tandem dump trucks with snow removal equipment this fiscal year. Utilizing the state price agreements would expedite the acquisition of these trucks by at least 6 months.

ACTION REQUESTED:

Public Works requests a waiver from section 1 of ordinance No. 2010-8 to purchase 3 tandem dump trucks with snow removal equipment for a total of \$525,000 utilizing the State of New Mexico price agreements 80-000-00-00002, 00-000-00-00005 and 00-000-00-00010.



STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION

<p>Awarded Vendor 2 Vendors</p> <p>Telephone No. _____</p>
--


**Price Agreement
Amendment**

Price Agreement Number: 80-000-00-00002

Price Agreement Amendment No.: Three

Term: November 6, 2008-October 23, 2010

<p>Ship To: All State of New Mexico Agencies, Commissions, Institutions, Political Sub-Divisions and Local Public Bodies allowed by Law.</p>
<p>Invoice: As requested</p>

Procurement Specialist: Eric Sanchez 

Telephone No.: (505) 827-0554

Commodity: Heavy Trucks

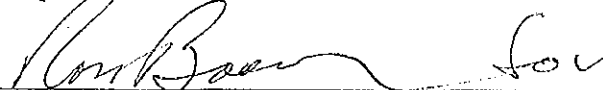
This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

In accordance with Contract provisions, and by mutual agreement of all parties, this Price Agreement is extended from October 24, 2010 to October 23, 2011 at the same terms and conditions.

See attached page for Roberts Truck center showing cost increases for heavy trucks 1, 2, and 3. Vendor Rush Truck Centers of NM Inc. is at the same price, terms and conditions.

Except as modified by this amendment, the provisions of the Price Agreement shall remain in full force and effect.

Accepted for the State of New Mexico


New Mexico State Purchasing Agent

Date: 10-6-10

Purchasing Division, 1100 St. Francis Drive 87505, PO Box 6850, Santa Fe, NM 87502-6850 (505) 827-0472

ES



Heavy Truck #3

-7600-

Truck, cab & chassis, 58,000 pounds GVWR, straight truck with manual transmission (vocational), New current production model

Make offered..... INTERNATIONAL

Model offered..... 7000 SFA 6X4

Base price per unit.....\$ 104,908.00 Includes Engine Emission Surcharge.

Proposed as options:

- A. "fuller" ten-speed overdrive manual transmission to meet engine torque rating in lieu of thirteen speed (deduct) 352.00
RTLO16908LL
- B. "Allison" (4000 RDS) six (6) speed automatic trans-mission with pto capability in lieu of thirteen-speed add 11,342.00
- C. Additional parts book (cd rom if available) add 162.00
- D. Additional technical manual (cd rom if available) add 325.00
- E. Twenty thousand (20,000) pounds front axle with "Goodyear" 425/65r x 22.5 load range "I" tires and wheels to match axle rating add 1,157.00
- F. Forty six thousand (46,000) pounds rear suspension and "Meritor" axles "Hendrickson" (hmx 460) fifty-four inch spacing add 1,768.00
- G. Forty six thousand (46,000) pounds vocational air-ride rear suspension "Hendrickson" (pax 460) fifty-four inch spacing add 2,551.00
- H. One hundred forty eight (148) inches cab to trunion add 421.00
- I. Twenty four (24) inches after frame for water tank and oil distributor applications add 210.00
- J. Dual heated rear view (power adjust) mirrors add 26.00
- K. Front frame extension and engine crank pto Provision (delete-deduct) 132.00

CC. fourteen thousand (14,000) pound front axle (deduct) 805.00

DD. Engine diagnostic equipment (including all applicable Accessories
to connect to engine/transmission, LESS COMPUTER. add 1,789.00

***** END OF OPTIONS *****



STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION

GSD/PD 003-D2 (Rev. 01/09)

<p>Awarded Vendor 4 Vendors</p> <p>Telephone No. _____</p>
--

**Price Agreement
Amendment**

Price Agreement Number: 00-000-00-00005

Price Agreement Amendment No.: One

Term: September 24, 2009-September 23, 2010

<p>Ship To: All State of New Mexico Agencies, Commissions, Institutions, Political Sub-Divisions and Local Public Bodies allowed by Law.</p>
<p>Invoice: As requested</p>

Procurement Specialist: Eric Sanchez

Telephone No.: (505) 827-0554

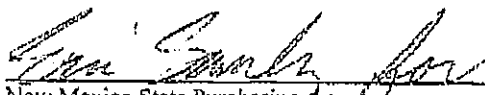
Commodity: 5, 6, 10 And 12 Cubic Yard Dump Bodies With Central Hydraulics

This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

In accordance with Contract provisions, and by mutual agreement of all parties, this Price Agreement is extended from September 24, 2010 to September 23, 2011 at the same price, terms and conditions.

Except as modified by this amendment, the provisions of the Price Agreement shall remain in full force and effect.

Accepted for the State of New Mexico



 New Mexico State Purchasing Agent

Date: 07-19-10

Purchasing Division, 1100 St. Francis Drive 87505, PO Box 6850, Santa Fe, NM 87502-6850 (505) 827-0472

ES

KA



STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT

Awarded Vendor
4 Vendors - See Page 8

Telephone No. _____

Price Agreement
Award

Price Agreement Number: 00-000-00-00005

Payment Terms: Net 30

F.O.B.: Destination

Delivery: See Page 8

Ship To:
All State of New Mexico Agencies, Commissions,
Institutions, Political sub-Divisions and local public bodies
allowed by law.

Invoice:

As Requested

Procurement Specialist: Eric Sanchez *ES*

Telephone No.: (505) 827-0554

Commodity: 5, 6, 10 & 12 Cubic Yard Dump Bodies With Central Hydraulics

Term: September 24, 2009 thru September 23, 2010

This Contract is made subject to the "terms and conditions" shown on the reverse side of this page, and as indicated in this Contract.

Accepted for the State of New Mexico

Alan Bon

New Mexico State Purchasing Agent

Date: 09/14/09

Purchasing Division, 1100 St. Francis Drive, PO Box 6850, Santa Fe, NM 87502-6850 (505) 827-0472

AB
AB

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *		

002	Ten (10) to twelve (12) cubic yard dump bodies with central hydraulic system new current production models	
-----	--	--

(AD) \$34,200.00

Scope:

This specification describes a ten (10) to twelve (12) cubic yard dump body and central hydraulics system to be installed on New Mexico department of transportation (NMDOT) cab & chassis trucks with one hundred twenty inch useable cab to axle and manual transmission.

***** Dump Body *****

Body:

Fourteen-foot contractor-type, not to exceed eight feet-six inches in width. Ten (10) to twelve (12) cubic yard truck capacity. Inside body width not to be less than eighty-six inches. Continuous welding on entire box and tailgate.

Sides:

Single piece (no splicing) eight (8) gauge 250 BHN (110,000 psi tensile/100,000 psi yield) steel with one (1) horizontal formed "v" brace on each side and full length dirt shedding lower rails. Dirt shedding boxed top rail with provisions for eight-inch spillage boards.

Chock block holders:

As per manufacture design, manufacture shall provide chock blocks "Pawling" (sc12) and design holder to secure chock blocks using existing openings on chock blocks. Holder shall be welded on curb side. Any questions please call Steve Urioste at (cell) 505-490-2855.

Rear corner posts:

Dirt shedding full depth rear corner posts constructed from three-sixteenths inch thick hi-tensile steel. Provisions for two (2) oval lights on each corner post. Completely sealed corner post bottom openings with steel plates and single hole for light wiring. One-inch threaded pipe couplers completely welded around wire access hole. One-inch liquid-tite split loom fitting to protect and secure all rear corner post lighting wiring. Full width rear bolster constructed from three sixteenths-inch thick hi-tensile steel and welded to corner posts. Provisions for three (3) round marker lamps.

Front:

Single piece (no splicing) eight (8) gauge 250 bhn (110,000 psi tensile/100,000 psi yield) steel with two (2) inverted horizontal formed "v" braces. Three (3) shovel holders constructed from two-inch x two-inch x twelve inches square tubing installed between cab and front of dump body.

Front corner posts:

Single piece radius (no splicing) ten (10) gauge high tensile steel.

Floor:

Single piece (no splicing) one-quarter inch thick ar400 (180,000 psi tensile/145,000 psi yield) steel with one-quarter inch thick ar400 (180,000 psi tensile/145,000 psi yield) steel or approved equal. six to twelve inch floor-to-side radius, continuously welded.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *		

Tailgate:

Eight (8) gauge 250 bhn (110,000 psi tensile/100,000 psi yield) steel with six (6) dirt shedding boxed panels. Double-acting top and bottom. Corner post upper tailgate hinges shall be dual half-inch thick hi-tensile steel plates. Tailgate hinge plates shall be one and one quarter inch thick flame cut hi-tensile steel plate. Upper hinge pins shall be one and one-quarter inch diameter hardened steel roll pins with grease zerts and secured with chains to corner post. Lower hooks shall be flame cut steel with one and one-quarter inch diameter hardened steel roll pins. Three eights-inch grade forty-three (43) tailgate chains enclosed in a nylon mesh sleeve. To secure and allow adjustment of tailgate in both hinged positions. Dual three eights-inch thick steel banjo eyes welded on each side of corner posts (adjustment openings in corner posts not acceptable). Provisions for hanging tail gate chains. Two (2), one-inch cold roll handles welded on each lower tailgate boxed brace side. Heavy-duty pull/push activated air controlled valve tailgate latch assembly "buyers" (bay020) (electric actuated valve not acceptable) mounted on center console. Three and one half-inch x eight-inch air tailgate cylinder. Hinged lifting eye constructed from three-quarter inch diameter cold roll welded to center of tailgate.

Rear apron:

Bolt-on twelve-inch full width rear apron constructed from one quarter-inch thick hi-tensile steel.

Spillage boards:

Six-inch x two-inch x three-sixteenths. C-channel. Welded to mounting plates and skip welded to boxed top rail on the inside of the body.

Cab shield:

Eight (8) gauge hi-tensile steel, single piece construction full body width vertical shield with horizontal full width (no exhaust cut out) cab guard to extend a minimum of twenty-four inches towards the cab. Entire shield shall have rolled upright edges to prevent material spillage on cab and windshield. Provide additional reinforcements on cab shield installation with four (4), one quarter-inch x two-inch x two-inch structural angle. Bolt on. Cab shield shall have marker lights as per federal motor vehicle safety standards.

Tarp cover:

Ground operated spring loaded flip tarp cover for hot/cold aggregates with side arms, tie-down straps, weld on hooks and rear rope looping bracket "mountain tarp" (pt 300, pt226 arms, dssl16) system or prior approved equal mounted to cab shield above spillage boards.

Spreader tie downs:

Four (4)-four inch weld-on ratchet winch for four inch x ten foot heavy-duty nylon straps with flat metal hooks. Mounted on dirt shedding lower rails (street side). One (1) winch handle.

Understructure:

Western style (cross member less) 250 bhn (110,000 psi tensile/100,000 psi yield) trapezoid long sills continuously welded to body. Dump body serial number shall be welded on long sill.

Access ladder:

Pull out dump body access ladder on curbside rear corner post. This ladder shall be pull out and telescopic design as to stow and secure when not in use. Height of lowest rung in the lowered position shall not exceed eighteen inches from the ground. Provide grab handles constructed from one-inch diameter smooth round stock and non-skid ladder rungs. Three sixteenths-inch thick diamond tread steel plate step welded to lower sloping rub rail. Edges and corners of ladder shall be rounded and smoothed.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM * APPROX* UNIT *	ARTICLE AND DESCRIPTION	* UNIT PRICE
* QTY *		*

Hoist/sub-frame:

Double acting, N.T.E.A. class eighty (80) hydraulic hoist and sub-frame assembly. Twenty-seven (27) ton minimum capacity. Chrome plated cylinder rods. All pivot points shall include replaceable wear bushings. Two (2) body safety props. Entire hoist/sub-frame assembly shall be a removable design with nuts/bolts no welding of sub-frame to truck frame or buck plate. Install sub-frame to truck frame with four- (4) half-inch thick shear plates. Bolt-mount to truck frame with three (3)-five eighths inch grade eight (8) flange head bolts per plate. Weld shear plates continuous to sub-frame, all holes shall be drilled. Fifty (50) degree dump angle.

***** Acceptable Hoist Models *****

"Galion" (u-8880-ada)

***** Wiring/Safety Lighting Requirements *****

Looms/brackets/installation:

All wiring shall be properly sized and fitted to each application. Any wiring that requires splicing shall be heat-shrink wrapped. Mini light bar shall be wired with a two (2) wire insulated cable that is enclosed in the trapezoid long sill. Half-inch galvanized pipe conduit shall be utilized to enclose mini light bar wiring from front trapezoid long sill to cab shield. Each end of conduit shall be sealed with half-inch pipe conduit to pipe thread coupling fitting and half-inch liquid-tite split loom fitting. Rear led strobe lights, corner post taillights, and air tailgate air line shall be enclosed in black plastic split looms and secured with metal/rubber insert clamps. Installer is responsible for ensuring that all wiring is done in accordance with truck OEM guidelines pertaining to unauthorized splicing/cutting and utilizing OEM weather-pac connectors. No cutting or splicing shall be performed on chassis factory wiring without prior authorization from truck OEM and NMDOT.

Salt spreader junction box:

Weather tight enclosed junction box for all salt spreader lighting functions wired as per NMDOT schematic mounted behind the cab. Seven (7) wire insulated cable shall be utilized from junction box to rear seven (7) way salt spreader plug. Secured with metal/rubber insert brackets inside frame rail.

Truck lighting junction box:

Weather tight enclosed junction box for all truck lighting functions mounted behind the cab along salt spreader junction box. Two (2) wire insulated cable shall be utilized from junction box to rear led strobes. Secured with metal/rubber insert brackets inside frame rail.

Seven (7) way plugs:

Drill two (2) holes on buck plate for two (2) electrical sockets. Wire/install one (1) seven (7) way for trailer towing. Wire/install one (1) standard seven (7) way for spreader lighting functions as per NMDOT schematic. Plug functions shall be stamped on buck plate and letters shall be painted white.

Jumper cables:

Twenty foot heavy-duty jumper cables with heavy-duty, color coded terminal clamp ends.

Rear strobes:

Two (2) led flashing light (amber/blue) system with two (2) self-contained potted solid state oval or rectangular led flashing lights with rubber grommets. Quad flash pattern with seventy (70) flashes per minute. High impact, break resistant amber and blue polycarbonate lens. Wire strobes to a continuous power circuit.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM * APPROX* UNIT *	ARTICLE AND DESCRIPTION	* UNIT PRICE
* QTY *		

Rear lighting:

Two (2) oval (run-stop-turn) led lights "Truck-lite" (60085r) or equal in lower oval light provisions with rubber grommets. Two (2) recessed red clearance led lights at each rear side corner post "Truck-lite" (10250r). Two (2) "Grote" (9130) or equal combination run-stop-turn-backup lights mounted on each side of buck plate. Three (3) recessed red clearance led lights on rear bolster "Truck-lite" (10250r).

Led beacon:

"Code 3" ldb42ah (Duobeam) eight (8) optix led moduals, four (4) double stacks on four (4) sides, flashing amber-wide, clear lens. Or approved equal. Permanent mounted on top of cab wired and fused to 12 volt system.

Snow plow lights/brackets:

High intensity combination hi/low beam halogen headlamps/markers/directional lights mounted to heavy-duty one-quarter inch thick x four-inch metal strap brackets mounted to front hood. Bottom of light assembly shall be level with top of tilting hood. Wire snow plow light- directional-marker assembly directly to OEM truck snow plow switch or double throw six (6) pole switch. Wire marker and directional lamps to OEM truck switch. Install wiring in black plastic split looms. Prime and paint brackets with rust resistant black. Utilize truck OEM weather-pac connectors (no splicing or cutting).

Fog lights:

Dual fog lights "Optronics blue ibeam" model bb-4000. Housing shall be "Grotee" adjustable rubber tractor lamp housing six inch, model 64940 or approved equal mounted on snow plow light brackets. Utilize truck OEM weather-pac connectors (no splicing or cutting).

Road watch:

Outside thermometer with dual digital in-cab gauge display that reads outside ambient temperature and road temperature "road watch" (rw-1).

Reflectors:

Install amber reflectors on each side at front of body and red reflectors on each side at rear of body. These reflectors shall be heavy-duty bolt-on type replaceable lens "Truck lite" (tl-98006y amber) (tl-98006r red) or prior approved equal. Pop-in reflectors not acceptable.

Conspicuity tape:

Two-inch wide diamond grade conspicuity sheeting "Scotchlite" (series 980-32) red/white or approved equal on dump body. This sheeting shall extend the entire length of the dump body below the sloping rub rails on each side. Install conspicuity sheeting on tailgate as per dot requirements.

Stay back 50 feet decal:

Nineteen inches wide x eighteen inches in length reflective self-adhesive white sheeting decal with reflective red lettering "STAY BACK 50 feet". First line: "STAY BACK" three-inch text. Second line: "50" seven-inch text. Third line: "feet" four-inch text. Install at rear on tailgate.

Backup alarm:

Single sound level, one hundred twelve (112) decibels, twelve-volt, electrical backup alarm "Preco" (380) or prior approved equal to be installed at rear on sub-frame. Install wiring in black plastic split looms.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM *	APPROX* QTY *	UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
--------	---------------	--------	-------------------------	------------

Splash guards:

Heavy-duty poly splash guards ahead and behind of rear axle. Twenty-four inches x thirty-six inches solid black. (no dealer or installer advertisement). Front splash guards shall be mounted in metal support brackets that are mounted to a heavy-duty metal bracket welded and braced to sub-frame to provide a stiff horizontal support. Rear splash guards shall be mounted to rear sub-frame/hoist mounting bracket with a three-inch x three and one half-inch x three sixteenths inch thick formed angle that has an integral provision for mounting rear truck lights. Rear splash guards shall have "STAY BACK 50 feet" white embossed lettering. "STAY BACK"-three inch text, "50"- seven-inch text and "feet"-four-inch text. One and one half inch galvanized flat straps and four (4) bolts to secure splash guards to mounting bracket.

Tool box:

Twenty-four inch x eighteen-inch underbody tool box with "t" twist handle latch (paddle handle not acceptable), lock and key. Mount to frame behind cab with three-sixteenths inch thick formed gusset style mounting brackets. Bolt mount to frame and tool box for removal or replacement. Prime and paint tool box/mounting brackets black.

Buck plate:

Buck plate constructed from three-quarter inch thick steel plate continuously welded to rear truck frame with three quarter-inch-thick-gussets. ~~Buck plate shall be truck frame full-width and have nineteen inches clearance from the bottom to ground level.~~ Lower corners to be tapered. Topside of buck plate shall have a recessed section that is integral to the plate, ten-inches wide and four-inches deep. This section shall be used for installation of air brake glad hands and spreader hydraulic bulk head fittings. Drill two (2)-half inch holes and one (1)-one-inch hole through mounting plate for installation of spreader line bulkhead fittings.

Glad hands:

Bulkhead mounted glad hands for parking/emergency and service brake (color-coded) in recessed area on buck plate. Glad hand covers attached to buck plate with chains.

Auxiliary glad hand/air hose:

Provide an auxiliary emergency glad hand with twenty-five feet of three eights inch air hose and quick connect/disconnect fitting and blow gun.

Hitch:

Twenty-five (25) ton swivel, pintle-type hitch with replaceable neoprene bushings (spring mount not acceptable) "premier" (235) or prior approved equal. Pintle hitch height to be determined by ordering agency. One (1) "premier" (10) safety chain ring below the pintle hitch. Buck plate shall be adequately reinforced to truck frame to maintain pintle hitch capacity. Prime and paint buck plate and ring black.

Bumper:

Heavy-duty front bumper constructed from twelve-inch structural steel channel or formed "c" channel. Ends of bumper to have integral bends to the contour of the chassis hood and cut outs for tow hooks. All edges and corners shall be rounded and smoothed for safety. Bumper shall be mounted to frame with half-inch x ten-inch steel plates continuously welded on each side to include one-quarter inch thick horizontal gussets welded to bumper and mounting bracket. Bolt-mount with four (4) each per side, five eighths-inch grade eight (8) flange head bolts. User to specify bumper clearance from grill. Prime bumper and paint black. Install license plate to front bumper.

Front grill rock screens:

Rock screens constructed from expanded metal with one quarter inch openings for all front oil coolers and radiator, behind grill to protect all radiator core exposed areas. Prime and paint black.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM	* APPROX *	UNIT *	ARTICLE AND DESCRIPTION	* UNIT PRICE
		QTY *		

Fan shroud screen:

Hardware metal cloth between fan shroud and radiator to protect all radiator core exposed areas.

***** Central Hydraulics System *****

Pump:

The main hydraulic pump shall be an axial piston, pressure and flow compensated load sensing type. The pump shall be cast iron construction and have a 4.67 cubic inch displacement at maximum stroke. Mounting shall be SAE-type "c" two (2) bolt mount and driven by one and one quarter inch round keyed shaft. The inlet of the pump shall be supplied with a two-inch suction and a non-restrictive full flow elbow fitting. A one-inch high pressure full flow ball valve shall be installed on the pressure outlet port of the pump for emergency shut down. The ball valve shall be secured in the open position for normal operation. Pump shall be rated for four thousand (4000) psi and three thousand (3000) rpm continuous duty. Pump shall be "Force America" (fasd341) or prior approved equal.

Pump mounting bracket:

Constructed from half-inch thick steel and gussets welded to front bumper mounting brackets. Bracket and pump shall be mounted with drive line in phase to engine crank shaft PTO provision ensuring that offsetting angles do not to exceed five (5) degrees in either direction to prevent drive line vibration.

Pump drive line:

Pump shall be driven directly from the engine crank shaft PTO provision through a splined drive line. The pump end of the drive line shall have a companion flange with flange yoke or u-bolt style end yoke to allow the driveline to be unbolted from either the pump or the crankshaft end. Drive line shall be "Spicer" (1310) series u-joints or equal. Length of drive line shall be determined at time of ordering. Key-type slip yokes and shaft assemblies with set screws are not acceptable.

Valve bank/reservoir/enclosure:

Valve, reservoir, and return filter components to be under one rubber latched cover. The removable cover allows for easy maintenance while insuring the longevity of the system components. The system shall include a thirty-five (35) gallon integral reservoir, gasket less passive seal design for the cover, tri-point tank mounting, swing out valve mounting plate with o-ring to jic valve adapters for easy service of hoses, externally mounted fluid level/temp indicator, filler breather cap, 12 volt oil level/temp sending unit, removable inlet strainer, easy to service built in tank cartridge type return filter, and integral rear exiting hose guard to protect all hoses from damage. Unit to be mounted directly to frame with out the use of spacers and allow lid removal when dump body is down. The valve/tank assembly to be "Force America" (vt35) or approved equal. The valve bank shall be stack-type load sensing type mounted in the valve/tank assembly. The valve assembly shall consist of a forty (40) GPM rated air operated hoist section, a mid-inlet with gauge port and 0-3000 psi gauge, and appropriate sections for the plow and sander functions. The plow functions shall be air operated and rated to twenty-five (25) GPM. An electric proportional cartridge valve block shall be provided to control the material spreader functions. The spreader valves must be incorporated in the valve stack assembly. Separate remote spreader valves are not acceptable. The valve bank shall be "Force America" add-a-stack system.

***** Control Valve Arrangement *****

First section:

Shall be air operated double acting, spring centered to operate hoist. Forty (40) GPM and have a two hundred (200) psi down relief to protect cylinder head (SAE #16 ports). Pull to raise/push to lower.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *		

Mid-inlet section:

Load sensing mid-inlet with 0-3000 psi gauge installed (SAE #16 x 20 ports).

Second section:

Valve section shall be a mono-block design with two (2) pressure compensated, pulse width modulated cartridges that are a single piece design with hardened cartridge bores and spools, capable of flows up to fourteen (14) GPM for auger and seven (7) GPM for spinner. The cartridges shall have a heavy duty seven-sixteenths-20 unf screw style manual override that is adjustable from zero flow to full flow. The valve housing shall be constructed from aluminum with a gray anodizing for durability and resistance to corrosion. Valve section to be Force America (spin-a-veyor) valve or prior approved equal.

Third section:

Twenty-five (25) GPM four-way for plow reverse (SAE #10 ports)

Fourth section:

Twenty-five (25) GPM three-way with float function for plow raise and lower (SAE #10 ports). Pull to raise/push to lower.

High pressure filter:

High pressure, ten (10) micron filter rated at system pressure to be installed between pump outlet and control valve inlet. The filter shall be located in a location specified by the NMDOT to facilitate easy changing of the element. The filter shall have a visual and electric restriction indicator, and a seventy-three (73) psi bypass valve. High pressure filter shall be "Internormen" (hp17125vg30epug5s2ae7050p) or prior approved equal.

Control center:

The main control console shall control all hydraulic functions, including the manual granular control and auxiliary lighting. Control levers shall be dual axis for plow raise, lower, and rotate. Dump body control shall have a center safety lock. Plow and dump body controls shall be pneumatic feathering type controls and have lighted knobs identifying function and operation of plow and dump body. Four (4) solid state warning lights illuminated in red for low oil, hot oil, filter bypass and body up shall be visible on console. Buzzers shall also be incorporated for low oil and hot oil warnings.

One (1) side of console shall have a hinged lid to facilitate maintenance of the console components. The electronic spreader control shall be designed for precise manual control of material application. The manual granular control shall have a backlit panel with push to blast and push to pass features without interrupting the power. Blast timing shall be changeable by switch settings internally in the control. Speedo interrupt shall be installed without unit modification. Manual liquid application flow control with liquid on/off and ground speed interrupt. Liquid application shall be wired to seven (7) way spreader plug. Unit must be protected from reverse polarity and over voltage. The console shall include five (5) rocker switches, each individually fused. Switch nomenclature shall be changeable and to be specified as required by the NMDOT. The console shall be pre-wired and air lines pre-plumbed with color coded wiring and air lines. Lengths of wires and air hoses to be determined by the installer at the time of order. The console and spreader control shall have a dash key disconnect feature as to prevent unit from being left on when truck is not in use. All external electric connections shall be packed with

Dielectric grease. All wiring shall be protected with plastic split looms. The console shall be bolted to the cab floor with a bottom reinforcing plate and all holes drilled through the cab for air lines and wiring shall have rubber grommets and be completely insulated and sealed. The air and electric material/lighting control console shall be "Force America" (fdac7 with ssc1500 spreader/liquid control) or prior approved equal.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM * * QTY *	APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
-------------------	--------------------	-------------------------	------------

***** Plumbing Requirements *****

General:

Hydraulic hoses and tubing shall be installed in a manner as to not allow rubbing or contact with moving truck components. "Behringer" (973)-948-0226 hydraulic tubing/hose supporting system shall be utilized to clamp and support hoses with flat strap mounting brackets. Plastic tie downs for grouping lines not acceptable.

Hydraulic oil and filtration:

"Dexron" (atf) hydraulic oil. Oil shall be filtered through an external filtering system to prevent system contamination prior to filling reservoir.

Hose pressure rating:

All high pressure hoses shall be rated to three thousand (3,000) psi working pressure and twelve thousand (12,000) psi burst pressure with swivel fittings on both ends.

Fittings:

~~All fittings, elbows and clamps shall be high-pressure hydraulic-type fittings.~~

Jumper hoses:

High pressure hydraulic hose shall be utilized in short jumper hose applications not to exceed twenty-four inches. Hydraulic-type swivel fittings on both ends.

Paint:

Prime and paint hydraulic tubing and brackets black.

***** Hoses/Lines *****

Air lines:

Air lines for function controls shall be dot approved lines.

Suction hose:

Hydraulic suction hose from tank to pump shall be two-inch 100r4 suction hose with hydraulic-type pressed swivel fitting at tank end. Split flange-type with two (2) heavy-duty "t" type hose clamps at pump end. Install inside frame rail with metal/rubber insert clamps not to exceed three-foot spacing.

Main control valve line:

Hydraulic hose from pump to main control valve shall be one-inch high pressure hose with hydraulic-type swivel fittings on both ends.

Control drain:

Control drain line from pump to reservoir shall be three eighths -inch high pressure hose. Plumed to reservoir by its own port to allow for no back pressure with hydraulic-type swivel fittings on both ends.

Hoist hose:

Hydraulic hoses to the hoist shall be three quarter inch high pressure hose with hydraulic-type swivel fittings on both ends.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM *	APPROX *	UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *				

PLOW LINES:

Hydraulic lines to the plow functions shall be half-inch hydraulic tubing with swivel fittings on each end. Jumper hoses shall terminate at front of truck with bracket mounted high pressure bulkhead fittings behind bumper and half-inch high pressure quick disconnects "Aeroquip" (5600) series and dust covers. Install tubing between truck frame rails with "Behringer" system not to exceed three-foot spacing.

SPREADER LINES:

Hydraulic line from valve to spinner shall be half-inch hydraulic tubing. Hydraulic line from valve to conveyer shall be half-inch hydraulic tubing. Spinner and conveyer shall utilize one (1)-one inch hydraulic return tubing that is plumbed through the hydraulic filter. Install tubing between hoist/sub-frame rails with "Behringer" system not to exceed three-foot spacing. Jumper hoses shall terminate at rear of truck with high pressure bulkhead fittings through buck plate. High pressure quick disconnects fittings "Aeroquip" (5600) series. Return fitting (56021616-16) spinner fitting (5602810) auger fitting (5601810) dust covers for fittings. Stamp each spreader functions by respective fitting on buck plate and paint letters white.

Return hose:

~~Hydraulic hose from the valve to the tank shall be one and one quarter inch 100r1 return hose. Hydraulic-type pressed swivel fittings on both ends. (clamps not acceptable).~~

Quality control:

Dump body and hydraulics installer shall be responsible to ensure the highest quality of workmanship. Unit shall be inspected and tested by installer for performance to reduce or eliminate call backs.

Inspection:

Dump body and hydraulics installer shall complete one (1) unit and notify equipment purchasing manager for inspection of work prior to painting. Once inspection has been completed and both parties mutually agree, all remaining units must be completed in the same manner.

Paint:

~~Prime and paint with "Dupont" Imron (333) industrial orange paint. Prime and paint hoist and sub-frame black. All painting must be done in an approved paint booth by a reputable paint facility. Provide paint subcontractor's name and address for NMDOT approval.~~

Required: _____

GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *		

***** Options for item two *****

A) Electronic spreader controls with modular switching
integral console, "Force America" ssc-5100/dk-8000

Add (AD) \$1,350.00

B) Rear apron

(DELETE-DEDUCT) (AD) \$75.00

C) Chip spreader draw bar

Add (AD) \$250.00 *mm*

D) Snow plow lights

(DELETE-DEDUCT) (AD) \$75.00

E) Fog lights

(DELETE-DEDUCT) (AD) \$30.00

F) Automatic snow chain system

Add (AD) \$1,375.00

G) Road watch

(DELETE-DEDUCT) (AD) \$450.00 *mm*

H) Standard hydraulics in lieu of central hydraulics with hot
shift PTO and dump air control

DEDUCT (AD) \$5,500.00

GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *		

I) Electric brake controller

Add (AD) \$425.00

J) Heavy-duty weld on steps inside dump body to line up with access ladder

Add (AD) \$100.00

K) Dump body to frame lock down assembly for snow removal operations

Add (AD) \$300.00

L) Telescoping cylinder hoist in lieu of standard hoist with dump body angle limit switch and valve

Add (AD) \$700.00

M) Option for behind cab reservoir and frame mounted valve enclosure.
Reservoir to be equipped with the following:

Add (AD) \$225.00

- basket type filler breather cap
- 3/4" magnetic drain plug
- 2" npt suction w/ 100-mesh screen type filter w/3 psi bypass
- 5" sight temperature gauge externally mounted
- internal baffling
- separate return port for case drain line
- 2" full flow brass ball valve
- in-tank return line filter

The hydraulic reservoir shall also be equipped with an electric temp/level sending unit to be wired to warning lights mounted in the control console. The valve assembly shall be mounted in weather-tight enclosure. The valve enclosure shall be fabricated of 10 and 12 gauge steel. Enclosure shall be designed to not allow humidity to be trapped inside. Valve shall be mounted with all ports coming out the bottom and holes allowing for hose adapter fittings. Enclosure will allow for air lines to enter the front. Valve will be "boxed in" with the cover and not the base. The cover shall be held to the enclosure by four heavy rubber latches. All plumbing shall be external, directly out the bottom of the valve enclosure.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00005

```

*****
ITEM * APPROX * UNIT *          ARTICLE AND DESCRIPTION          *          UNIT PRICE
      *   QTY   *      *
*****

```

N) electric flip tarp system

Add ~~(AD) \$1,000.00~~ *mm*

O) quick release top tail gate hardware

Add ~~(AD) \$100.00~~ *mm*

```

Hoist make..... (AD) Galion Godwin
Hoist model..... (AD) 48880B
Dump body make..... (AD) Galion Godwin
Dump body model..... (AD) 530II
Base price per unit..... (AD) 834,200.00

```

***** End of options *****

*** 2 Item(s) Total ***

Bill Richardson
NEW MEXICO GOVERNOR

ARTURO L. JARAMILLO
CABINET SECRETARY
GENERAL SERVICES
DEPARTMENT

Michael C. Vinyard
STATE PURCHASING AGENT
STATE PURCHASING DIVISION



NEW MEXICO
GENERAL SERVICES DEPARTMENT

- ADMINISTRATIVE SERVICES DIVISION (505) 827-0820
- BUILDING SERVICES DIVISION (505) 827-2349
- COMMUNICATIONS DIVISION (505) 827-0880
- INFORMATION SYSTEMS DIVISION (505) 827-2001
- PROPERTY CONTROL DIVISION (505) 827-2141
- PURCHASING DIVISION (505) 827-0472
- RISK MANAGEMENT DIVISION (505) 827-0442
- TRANSPORTATION SERVICES DIVISION (505) 478-1902

DATE: 06-21-10

TO: Vendor(s) on Price Agreement No.00-000-00-00010

FROM: *Eric Sanchez*
Eric Sanchez, Executive Procurement Officer

SUBJECT: Price Agreement Renewal

Please be advised that Statewide Price Agreement No.00-000-00-00010 for **Hopper Type Material Spreader, 5 Cubic Yard Capacity, Snow Plow, Ten Foot Hydraulic Reverse** is due to expire on September 27, 2010. By mutual agreement between the New Mexico State Purchasing Agent and the Contract Vendor (s), we would like to extend for one additional year, September 28, 2010 to September 27, 2011, per the same pricing, terms and conditions.
Please respond immediately by **FAXING** your signature on this memorandum to Eric Sanchez (505)827-2484

I agree to extend the referenced Price Agreement(s).

Tosmin Mac
Signature

MCT INDUSTRIES, INC.
Company Name

Date: 6/29/10

7451 PAN AMERICAN FRWY NE., ALBUQ. NM 87109
Address

I disagree to extend the referenced Price Agreement(s).

Signature

Company Name

Date: _____

Address



STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT

<p>Awarded Vendor 3 Vendors - See Page 8</p> <p>Telephone No. _____</p>

**Price Agreement
Award**


Price Agreement Number: 00-000-00-00010

Payment Terms: See Page 8

F.O.B.: Destination

Delivery: See Page 8

<p>Ship To: All State of New Mexico Agencies, Commissions, Institutions, Political sub-Divisions and local public bodies allowed by law.</p>
<p>Invoice:</p> <p style="text-align: center;">As Requested</p>

Procurement Specialist: Eric Sanchez 

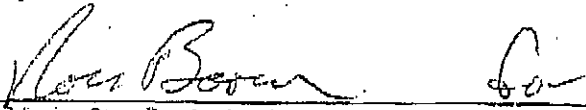
Telephone No.: (505) 827-0554

Commodity: Hopper Type Material Spreader - 5 & 10 yard Capacity Snow Plow Ten Foot Hydraulic R

Term: September 28, 2009 thru September 27, 2010

This Contract is made subject to the "terms and conditions" shown on the reverse side of this page, and as indicated in this Contract.

Accepted for the State of New Mexico



 New Mexico State Purchasing Agent

Date: 09/21/09

Purchasing Division, 1100 St. Francis Drive, PO Box 6850, Santa Fe, NM 87502-6850 (505) 827-0472

AB



STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *		

0002	Hopper type material spreader, ten cubic yard capacity new current production model	
------	---	--

(AC) \$14,271.00

Scope:

This specification describes a ten cubic yard struck capacity, heavy-duty slide-in v-box-type material spreader Capable of hauling and spreading free flowing granular materials from a minimum width of four feet to a maximum width of forty feet. Consisting of a steel body, discharge/feed conveyer/spinner assembly.

Body:

9.7 cubic yards struck capacity. The spreader hopper shall be constructed from seven (7) gauge hi-grade steel. The hopper body length shall be not less than fourteen feet inside length with integral longitudinal overhung for supporting the spinner assembly. The hopper body width shall not exceed eighty-two inches outside width (no exceptions). Hopper body side height shall not exceed fifty-four inches above the mounting surface. Forty five (45) degree side body slope with front slope to ensure free flow of material to conveyer. Heavy-duty lift hooks at each corner.

V-body tie down brackets:

Install four (4)-one quarter inch thick x three inch wide x five inch opening, tie down brackets for a four inch metal flat hook and nylon strap at each side (front/rear).

Side supports:

Seven (7) gauge formed side supports that extend the full side slope height, spaced on approximately two foot centers.

Cross members:

Three-inch structural channels welded (flat side up) to each side support.

Cross supports:

Minimum of two (2) internal cross supports.

Inverted "V" shield:

Heavy-duty, removable inverted "V" shield to protect conveyer.

Material deflector:

Bolt-on full body width front material deflector constructed from three-sixteenths inch thick steel. Material deflector shall be twenty-four inches deep and mounted at a forty-five (45) degree slope with five (5) structural angle supports. This deflector minimizes material spillage during loading operations between front of v-body and dump body cab shield.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

PAGE

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
------------------------	-------------------------	------------

V-body side rubber skirting:

Twenty-four inch wide bolt-on full v-body length conveyor-type rubber skirting on right/left v-body sides mounted to a full length heavy-duty metal flat strap bracket. These skirts shall drape over dump body sides and minimize spillage during loading operations between v-body side and dump body side.

Material vibrator:

Bolt-on mounted manufacturer's standard material vibrator at front of body wired to junction box with jacketed cable and flexible loom complete with solid state vibrator interrupter that will disable the vibrator one minute intervals.

"I"/"H" beam:

Six-inch "I" beam or "H" beam providing a longitudinal brace and hinge point for the top screens.

Top screens:

Manufacturer's standard heavy-duty welded rod square mesh design. Four (4) sections per side with non-freeze hinges.

Feed gate and ruler:

Manufacturer's standard screw-type self-locking steel feed gate and ruler shall be provided at the rear of the hopper to allow for accurate discharge.

Conveyer system:

Manufacturer's standard heavy-duty conveyer system, chain bar flight-type running longitudinally with the body feeding material to the feed gate opening. The conveyer chain shall be constructed from heat-treated steel, minimum of twenty-one thousand (21,000) pounds per strand, self-cleaning pintle-type. Cross bars welded on both the top and bottom to every chain link. Replaceable or formed chain shield shall cover the strands exposing only the drag bar to the material. Three-sixteenths inch thick steel bolt-on replaceable conveyer floor (flat design). The conveyer shall have one (1) internal front wiper and one (1) external rear wiper.

Power drive:

The conveyer chain shall be driven through the worm drive gearbox by a low speed, high-torque "orbital-type" hydraulic motor. This motor shall be directly coupled to the gearbox and protected from the elements a cast housing. The worm gear drive shaft shall have provision for a servo sensor, integral with the drive shaft.

Chain oiler:

One (1) gallon steel reservoir with on/off valve and copper lines to lubricate both sides of conveyer chain, mounted at the rear of the body.

Gearbox:

Cast iron gearbox shall have hardened and ground bronze gears mounted on a drive shaft and supported on tapered roller bearings. These gears shall be machined cut and mounted in anti-friction sealed bearings and running in oil. The gearbox ratio shall be 25:1.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

PAGE -

ITEM *	APPROX *	UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
	QTY *			

Sprockets and drive shaft:

Drive and idler sprockets shall be manufactured from drop forged steel or cast iron. Sprockets shall be keyed to the drive shaft and the idler shaft. Both conveyer shafts shall have heavy-duty, dust sealed, self-aligning four (4) bolt, spring loaded take-up flange bearings that will allow adjustment of conveyer from the front and the rear when unit is mounted. adjustment bolt shall be five-eighths (5/8") stainless steel. Grease fittings with grease extension lines that will allow greasing the front bearings through the rear when v-body is mounted inside the dump body.

Spinner/chute assembly:

Manufacturer's standard steel distributor disc assembly with replaceable formed steel fins. Disc shall be mounted on a cast iron replaceable hub connected directly to the motor. The material shall be guided from the conveyer to the distribution disc with a deflector system. This system shall control the spread pattern from left to right by controlling the material as it drops on the disc. The entire spinner/chute assembly shall be manufactured from seven (7) gauge steel and be adjustable in height. Four (4) external adjustable baffles, adjustable without the use of tools. The entire spinner/chute assembly shall tip up with the assistance of a hand crank to allow cleaning, unloading or storage.

Spinner bypass chute:

Bypass system that allows material to flow over the steel distributor disc assembly out to the curb-side as to unload material from the hopper body into a windrow for road shoulder maintenance.

Pre-wetting system:

Install a chemical pre-wetting system with two (2), one hundred twenty five (125) gallon polyethylene tanks with dual baffles mounted to the v-box body side. System design shall not exceed the v-box body width. Complete with corrosion resistant pump mounted in a weather tight corrosion proof housing, polypropylene ball valves, corrosion resistant hoses with a one and one half inch cross over hose between tanks. One and one half inch bottom quick fill installed at the rear. Weather pack wiring harness with jacketed cable and flexible loom wired to junction box. Cab switches to make a complete system. Tank mounting shall not interfere with feed gate hand crank.

Rear access ladder:

Heavy-duty folding design, metal access ladder with non-skid ladder rungs, grab handles and heavy-duty rubber latches bolt mounted to spreader body with heavy-duty mounting brackets to rear curb-side. The first step of ladder shall be approximately ten to fifteen inches (10"-15") from ground level. The ladder shall not interfere with the spinner/chute assembly and shall not extend above top screen.

Wiring:

All wiring to include led beacon light, spinner light, pre-wetting system and vibrator shall terminate at the rear in a weather tight, corrosion proof junction box and continued with a heavy-duty, seven (7) wire pig tail extension wired to electrical functions and seven (7) way male plug (provide matching plug and wiring schematic).

GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *		

Paint:

Shot blasting of unit to remove all millscale and foreign material powder coat paint with Dupont Imron (31 industrial orange paint or approved equal.

Identification:

Serial and model number shall be stamped on visible part of frame at the manufacture before paint with hal inch stamps.

***** Installation *****

Shall include but not limited to the following:

- 1) Complete/operational installation of salt spreader to dump truck according to O.E.M. specifications/instructions/hardware.
- 2) Install and align tailgate latch bar.
- 3) Weld ratchet winch tie downs on dump bed and prime and repaint.
- 4) Wiring of all electrical functions to truck's seven (7) way female plug to match spreader and heavy-duty switches in the cab with switch nomenclature.
- 5) Install hydraulic hoses and quick disconnects compatible with truck.
- 6) Weld structural runners to cross members and tailgate latch bar.

Quality control:

Installer shall be responsible to ensure the highest quality of workmanship. Installed plows and spreaders shall be inspected and tested by installer for performance to reduce or eliminate call backs.

Tie downs:

Four (4)-four inch dot approved weld-on ratchet winch for four inch x ten foot heavy-duty nylon straps with flat metal hooks. One (1) winch handle.

Tailgate latch bar:

Constructed from three inch x two inch x one quarter inch thick rectangular tubing and two (2)-one and one quarter inch diameter hardened steel roll pins that utilize the lower tailgate clamps of the dump body for securing salt spreader. The cross bar and pin assembly shall be custom fitted to the designated vehicle.

Structural runners:

Install two (2)-three inch structural channel runners on the bottom side of the v-box welded to every cross member and tailgate latch bar.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

PAGE -

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *		

Hoses/fittings:
Compatible with truck.

***** Safety *****

Beacon light:
Bracket mounted with over-head protection, blue led light, at top of rear driver's side of v-body, high profile federal signal (252652-03) or approved equal. Jacketed cable and flexible loom wired to junction box.

Spinner light:
Manufacturer's standard bracket mounted, halogen, spinner
Work light (location to be determined by user). Jacketed cable and flexible loom wired to junction box.

Stay back 50 feet:
Nineteen inches wide x eighteen inches length reflective self-adhesive white sheeting sign with red lettering "STAY BACK 30 feet". First line: "STAY BACK" three-inch lettering. Second line: "50" seven-inch. Third line: "feet" four-inch. Installed on spinner chute

GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

PAGE

ITEM #	APPROX QTY	UNIT	ARTICLE AND DESCRIPTION	UNIT PRICE
--------	------------	------	-------------------------	------------

0003			Snow plow, ten foot, hydraulic reverse, truck mounted new current production model	
------	--	--	--	--

(AC) \$8,481.00

Scope:

This specification describes a ten (10) foot hydraulic reverse snow plow with integral shield and frame mounted quick connect/disconnect truck hitch to be installed on NMDOT trucks.

Moldboard:

Ten foot integral shield moldboard constructed from ten (10) gauge high strength carbon low-alloy sheet steel or three sixteenths inch thick a-36 hot rolled steel. Height shall be a minimum of forty-one inches with eight inch cutting edge. Two (2)-thirty-six inch high fluorescent orange moldboard end markers.

Parking jack:

Crank-type screw jack that stows when not in use.

Cutting edge:

Manufacturer's standard three (3) piece carbide tipped cutting edges. Two (2) three-foot end sections and one (1) four-foot center section. ASHTO punched.

Vertical ribs:

Six (6)-one-piece manufacturer's standard heavy-duty vertical steel ribs welded to the top/bottom angles and moldboard sheet.

Horizontal braces:

Manufacturer's standard heavy-duty horizontal steel bracing welded between vertical ribs on entire length of moldboard.

Heel iron:

Constructed from four-inch x four-inch x three-quarter inch thick structural angle. Three-quarter inch thick steel heel iron reinforcements welded to the heel iron between each bolt hole.

Reversing push frame:

Manufacturer's standard constructed from heavy structural angle, rolled angle or heavy-duty structural tubing designed to distribute plowing stress across the entire length of the moldboard. The push frame shall be attached to a minimum of four (4) points on the moldboard with one and one-quarter inch diameter cold rolled steel pins.

A-frame push plate:

Manufacturer's standard constructed of heavy-duty double Tubular, "I" beam, ship channel or structural angle.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
QTY *		

Hydraulic reverse:

Two (2) double acting nitrided hydraulic reverse cylinders, three-inch x ten-inch cylinders with stops. Cushion valve.

Trip mechanism:

Plow shall be equipped with manufacturer's standard heavy-duty dual exposed compression spring trip and rebound assembly that allows the entire moldboard to trip over center and return to original position. Shall have three (3) pitch adjustments for different attack angles.

Shoes:

Two (2) each, heavy-duty screw adjustable skid shoe assemblies (rectangular design) with carbide tip inserts.

Snow deflector:

Twelve-inch bolt-on full length, heavy-duty rubber snow deflector.

Truck hitch/lifting frame:

Heavy-duty frame mounted and reinforced truck hitch assembly.

Shall be quick connect/disconnect, self-aligning receiving jaws, and automatic locking design accomplished without driver leaving cab. Hitch design shall allow installation on trucks with and without front integral frame extensions and tilting hoods with stationary grills. The hitch or any of its' components shall not interfere with the operation of the tilting hood. Four inch x ten inch moldboard lift cylinder with manufacturer's standard heavy-duty lifting frame complete with grade seventy (70) lifting chains and safety latches if applicable.

Parallel level lift:

Manufacturer's standard parallel level lift system.

Identification:

Plow shall have a stamped aluminum tag that has serial number, model number, make, year manufactured and weight. Serial and model number shall also be stamped by manufacture (before paint) on visible part of moldboard.

Paint:

Remove dust and slag. Prime and paint with Dupont Inaron (31x) industrial orange paint.

***** Installation *****

Shall include but not limited to the following:

- 1) Complete/operational installation of snow plow hitch to truck according to O.E.M. specifications/instructions/hardware.
- 2) Hitch to truck frame support brace angles shall not be greater than forty-five (45) degrees.

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

PAG

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
QTY *		

- 3) All welding shall be done with wire feed welder and certified welder.
- 4) Install hydraulic hoses and quick disconnects compatible with truck.
- 5) Prime and paint all mounting hardware.
- 6) One prototype hitch installation shall be completed and approved by NMDOT personnel before oth are installed.

Quality control:

Installer shall be responsible to ensure the highest quality of workmanship. Installed plows and spreaders shall be inspected and tested by installer for performance to reduce or eliminate call back.

***** Options for item 10 *****

Bid as options:

A) Installation	(DELETE-DEDUCT)	(AC) \$150.00
B) Material vibrator	(DELETE-DEDUCT)	(AC) \$50.00
C) Mounting kit	(DELETE-DEDUCT)	(AC) \$25.00
D) Material pre-wetting system	Add	(AC) \$2,125.00
E) Rear air foil in lieu of ladder	Add	(AC) \$300.00
F) Inverted "v" shield	(DELETE-DEDUCT)	(AC) \$40.00
G) Spinner/chute tip up feature	(DELETE-DEDUCT)	(AC) \$25.00

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

ITEM * APPROX * UNIT * ARTICLE AND DESCRIPTION UNIT PRICE
* QTY *
.....

H) Four (*) self-supporting, telescoping legs constructed from heavy-duty structural tubing for out of service storage (with empty spreader) to allow loading/unloading without the use of a lifting device

Adel (AC) \$1,852.00

I) Single auger conveyor system with grease tube extension

Adel (AC) \$1,267.00

J) Dual auger conveyor system with grease tube extension

Adel (AC) \$3,093.00

Make offered.....(AC) Monroe
Model offered.....(AC) MSV120-82-48 New Mexico
Base price per unit.....(AC) \$10,543.00

***** End of options *****

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

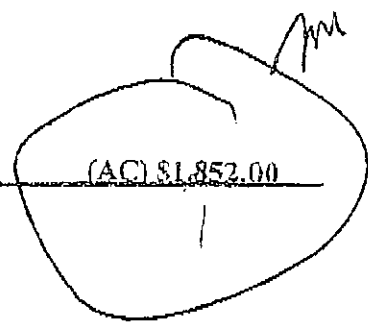
PAC

ITEM	APPROX QTY	UNIT	ARTICLE AND DESCRIPTION	UNIT PRICE
------	------------	------	-------------------------	------------

***** Options for item two *****

Bid as options:

- A) Installation ~~(DELETE-DEDUCT)~~ (AC) \$150.00
- B) Material vibrator ~~(DELETE-DEDUCT)~~ (AC) \$50.00
- C) Mounting kit ~~(DELETE-DEDUCT)~~ (AC) \$25.00
- D) Material pre-wetting system ~~(DELETE-DEDUCT)~~ (AC) \$300.00
- E) Rear air foil in lieu of ladder Add (AC) \$350.00
- F) Inverted "v" shield ~~(DELETE-DEDUCT)~~ (AC) \$50.00
- G) Spinner/chute tip up feature ~~(DELETE-DEDUCT)~~ (AC) \$25.00
- H) Sloped front for dump bodies with dog house Add (AC) \$455.00
- I) Four (4) self-supporting, telescoping legs constructed from heavy-duty structural tubing for out of service storage (with empty spreader) to allow loading/unloading without the use of a lifting device Add (AC) \$1,852.00



Add (AC) \$1,852.00

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

PAGE .

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
------------------------	-------------------------	------------

J) single auger conveyor system with grease tube extension

Add (AC) \$1,531.00

K.) dual auger conveyor system with grease tube extension

Add (AC) \$3,593.00

Make offered.....(AC) Monroe
 Model offered.....(AC) MSV168-82-54 New Mexico
 Base price per unit.....(AC) \$14,271.00

***** End of options *****

STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION
PRICE AGREEMENT #: 00-000-00-00010

PAGE

ITEM * APPROX * UNIT *	ARTICLE AND DESCRIPTION	UNIT PRICE
* QTY *		

***** Options for item three *****

Bid as options:

A) Installation

~~(DELETE-Default)~~ (AC) \$150.00

B) Twelve foot moldboard

Add (AC) \$593.00

C) Twelve foot expressway moldboard

Add (AC) \$1,750.00

D) Dual mouse ears

Add (AC) \$1,000.00

E) Fold down lift arm and cylinder

Add (AC) \$250.00

Make offered.....(AC) Monroe
 Model offered.....(AC) MP41R10-ISCT-10-GA
 Base price per unit.....(AC) \$8,481.00

***** End of options *****

**** 3 Items ****

Daniel "Danny" Mayfield
Commissioner, District 1

Virginia Vigil
Commissioner, District 2

Robert A. Anaya
Commissioner, District 3



Kathy Holian
Commissioner, District 4

Elizabeth Stefanics
Commissioner, District 5

Katherine Miller
County Manager

Memorandum

DATE: *AUGUST 2, 2011*

TO: *BOARD OF COUNTY COMMISSIONERS*

FROM: *ROBERT MARTINEZ, PUBLIC WORKS TRANSPORTATION MGR. RM*

VIA: *KATHERINE MILLER, COUNTY MANAGER*

SUBJECT: *BCC MEETING AUGUST 9, 2011
REQUEST A WAIVER FROM SECTION 1 OF ORDINANCE NO. 2010-8 TO
PURCHASE SOLID WASTE ROLL OFF EQUIPMENT FOR A TOTAL OF
\$144,000 UTILIZING THE STATE OF NEW MEXICO GSD/PD 003-D2
PURCHASE AGREEMENT.*

BACKGROUND AND SUMMARY:

The Public Works Department was allocated funding from the County capital package to purchase a roll off truck for the Solid Waste Division this fiscal year. Utilizing the state price agreement will expedite the acquisition of this truck by at least 6 months.

ACTION REQUESTED:

Public Works requests a waiver from section 1 of ordinance No. 2010-8 to purchase a roll off truck with equipment for a total of \$144,000 utilizing the State of New Mexico purchase agreement GSD/PD 000-D2.



STATE OF NEW MEXICO
GENERAL SERVICES DEPARTMENT
PURCHASING DIVISION

<p>Awarded Vendor 2 Vendors</p> <p>Telephone No. _____</p>
--


**Price Agreement
Amendment**

Price Agreement Number: 80-000-00-00002

Price Agreement Amendment No.: Three

Term: November 6, 2008-October 23, 2010

<p>Ship To: All State of New Mexico Agencies, Commissions, Institutions, Political Sub-Divisions and Local Public Bodies allowed by Law.</p>
<p>Invoice: As requested</p>

Procurement Specialist: Eric Sanchez 

Telephone No.: (505) 827-0554

Commodity: Heavy Trucks

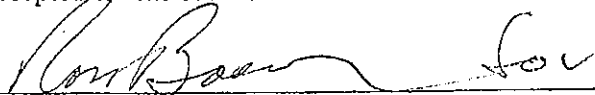
This Price Agreement Amendment is to be attached to the respective Price Agreement and become a part thereof.

In accordance with Contract provisions, and by mutual agreement of all parties, this Price Agreement is extended from October 24, 2010 to October 23, 2011 at the same terms and conditions.

See attached page for Roberts Truck center showing cost increases for heavy trucks 1, 2, and 3. Vendor Rush Truck Centers of NM Inc. is at the same price, terms and conditions.

Except as modified by this amendment, the provisions of the Price Agreement shall remain in full force and effect.

Accepted for the State of New Mexico


New Mexico State Purchasing Agent

Date: 10-6-10

Purchasing Division, 1100 St. Francis Drive 87505, PO Box 6850, Santa Fe, NM 87502-6850 (505) 827-0472

ES



Heavy Truck #3

-7600-

Truck, cab & chassis, 58,000 pounds GVWR, straight truck with manual transmission (vocational), New current production model

Make offered..... INTERNATIONAL

Model offered..... 7000 SFA 6X4

Base price per unit.....\$ 104,908.00 Includes Engine Emission Surcharge.

Proposed as options:

- A. "fuller" ten-speed overdrive manual transmission to meet engine torque rating in lieu of thirteen speed (deduct) 352.00
RTLO16908LL
- B. "Allison" (4000 RDS) six (6) speed automatic trans-mission with pto capability in lieu of thirteen-speed add 11,342.00
- C. Additional parts book (cd rom if available) add 162.00
- D. Additional technical manual (cd rom if available) add 325.00
- E. Twenty thousand (20,000) pounds front axle with "Goodyear" 425/65r x 22.5 load range "I" tires and wheels to match axle rating add 1,157.00
- F. Forty six thousand (46,000) pounds rear suspension and "Meritor" axles "Hendrickson" (hmx 460) fifty-four inch spacing add 1,768.00
- G. Forty six thousand (46,000) pounds vocational air-ride rear suspension "Hendrickson" (pax 460) fifty-four inch spacing add 2,551.00
- H. One hundred forty eight (148) inches cab to trunion add 421.00
- I. Twenty four (24) inches after frame for water tank and oil distributor applications add 210.00
- J. Dual heated rear view (power adjust) mirrors add 26.00
- K. Front frame extension and engine crank pto Provision (delete-deduct) 132.00

CC. fourteen thousand (14,000) pound front axle

(deduct) 805.00

DD. Engine diagnostic equipment (including all applicable Accessories to connect to engine/transmission, LESS COMPUTER.

add 1,789.00

***** END OF OPTIONS *****

ROBERTS



INTERNATIONAL



1623 Aspen Ave NW
Albuquerque, NM 87104
505-243-7883

July 28, 2011
Santa Fe County
102 Grant Ave
Santa Fe, NM. 87504
Attn: Les Francisco

Mr. Francisco:

I would like to thank you for your invitation to spec and price a Roll/Off Truck Under the State of New Mexico Contract Pricing with all warranties as per the state contract.

The following is a break down on costing for the chassis and body. I have enclosed a pictures and specifications of the truck. All pricing will be held at current state contract price.

The Tractor is a 2011 or 2012 International 7600 Series Workstar, Price is = \$104,908.00

Option H- Add to trunion add (\$421.00)

Option I- Add Over 24 in after frame add (\$210.00)

Option J --Add dual Heated and Power adjust Mirrors add (\$26.00)

Option X- Add Higher HP 475 rating add (\$673.00)

Price for Chassis only is \$106,238.00

Clark Truck Equipment:

Price for Roll/Off body add (\$29,700.00.00)

Tarp Option: Tarper system need to be added to total price \$7,675.00 and if inside rails are not needed deduct \$440.00. (See Clark Equipment attached quote).

Truck Specification is per the State of New Mexico bid which is attached.

Total for chassis and Roll/off body less tarper system = (\$135,938.00)

With tarper added (\$143,613.00)

Vehicles Meet or Exceed all Specifications

All pricing is F.O.B. Santa Fe, NM.

Quote is without tax, title and License, which may need to be added.

If you have any question please do not hesitate to call me at your convenience.

Sincerely,

Richard Hawkins
Sales Representative
Cell Phone # 505-205-8304



7600 SBA 6x4 2010

Sales Proposal For:

SANTA FE, COUNTY OF

Presented By:

ROBERTS TRUCK & BUS CENTER

INTERNATIONAL®**Vehicle Specifications
2012 7600 SBA 6X4 2010 (SF667)**

July 26, 2011

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
Base Chassis, Model 7600 SBA 6X4 2010 with 258.00 Wheelbase, 190.90 CA, and 96.00 Axle to Frame.	7815/6963	14778
TOW LOOP, FRONT	85/0	85
FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 480.0" (12192) Maximum OAL	170/396	566
FRAME REINFORCEMENT Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL	482/755	1237
BUMPER, FRONT Full Width, Aerodynamic, Painted Steel; 0.189" Material Thickness	-15/0	-15
<u>Includes</u> : BUMPER, FRONT Powder Coated Gray (Argent) Color		
FRAME EXTENSION, FRONT Integral; 20" In Front of Grille	130/-25	105
CROSSMEMBER, FRONT for Hydraulic Pump, Mounting Flange to Accommodate Pump	43/2	45
WHEELBASE RANGE 250" (635cm) Through and Including 311" (790cm)	0/0	0
AXLE, FRONT NON-DRIVING (Meritor MFS-18-133A) Wide Track, I-Beam Type, 18,000-lb Capacity	141/0	141
<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
SUSPENSION, FRONT, SPRING Multileaf, Shackle Type; 18,000-lb Capacity; Less Shock Absorbers	175/0	175
<u>Includes</u> : SPRING PINS Rubber Bushings, Maintenance-Free		
<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	0/0	0
<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : DUST SHIELDS, FRONT BRAKE : DUST SHIELDS, REAR BRAKE : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE Bendix On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SLACK ADJUSTERS, FRONT Automatic : SLACK ADJUSTERS, REAR Automatic : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4		
<u>Notes</u> : Rear Axle is Limited to 46,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle /Suspension Ordered.		
BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers	0/0	0
<u>Notes</u> : The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.		
TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck	2/0	2

INTERNATIONAL®**Vehicle Specifications
2012 7600 SBA 6X4 2010 (SF667)**

July 26, 2011

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
DRAIN VALVE (Berg) Manual; With Pull Chain, for Air Tank	0/0	0
AIR BRAKE ABS (Bendix AntiLock Brake System) Full Vehicle Wheel Control System (4-Channel)	0/0	0
AIR DRYER (Meritor Wabco System Saver 1200) with Heater	13/5	18
<u>Includes</u>		
: AIR DRYER LOCATION Inside Left Rail, Back of Cab		
BRAKE CHAMBERS, FRONT AXLE (Haldex) 24 SqIn	4/0	4
BRAKE CHAMBERS, REAR AXLE (Haldex GC3030LHDHO) 30/30 Spring Brake	0/0	0
<u>Includes</u>		
: BRAKE CHAMBERS, SPRING (2) Rear Parking; WITH TRUCK BRAKES: All 4x2, 4x4; WITH TRACTOR BRAKES: All 4x2, 4x4; 6x4 & 6x6 with Rear Tandem Axles Less Than 46,000-lb. or GVWR Less Than 54,000-lb.		
: BRAKE CHAMBERS, SPRING (4) Rear Parking; WITH TRUCK BRAKES: All 6x4, 6x6; WITH TRACTOR BRAKES: 6x4 & 6x6 with Rear Tandem Axles 46,000-lb. or Greater or GVWR of 54,000-lb. or Greater		
SLACK ADJUSTERS, FRONT (Haldex) Automatic	6/0	6
SLACK ADJUSTERS, REAR (Haldex) Automatic	0/0	0
BRAKES, REAR, AIR CAM S-Cam; 16.5" x 8.625" Includes 30/30 Sq.In. Long Stroke Brake Chambers and Spring Actuated Parking Brake	0/80	80
<u>Notes</u>		
: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
AIR COMPRESSOR (Bendix) 15.9 CFM Capacity, Single Cylinder	0/0	0
HAND CONTROL VALVE, AIR for Trailer Brakes, Omit Item.	-2/0	-2
STEERING COLUMN Stationary	0/0	0
STEERING WHEEL 2-Spoke, 18" Diam., Black	0/0	0
STEERING GEAR (2) (Sheppard M-100/M-80) Dual Power	122/-3	119
EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Outside Right Rail Under Cab; Includes Vertical Tail Pipe and Guard	47/-11	36
<u>Includes</u>		
: EXHAUST HEIGHT 10' Exhaust Height - Based on Empty Chassis with Standard Components (+ or - 1" Height)		
: MUFFLER/TAIL PIPE GUARD Non-Bright Finish		
ENGINE COMPRESSION BRAKE (MaxxFORCE) by Jacobs; for MaxxFORCE 11 & 13 Engines, With Selector Switch and On/Off Switch	48/1	49
TAIL PIPE (1) Straight Type, Bright, for Single Exhaust	0/0	0
MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel	0/0	0
EXHAUST HEIGHT 13' 3"	3/0	3
SWITCH, FOR EXHAUST 2 Position, Lighted & Latching, ON/OFF Type, Mounted in IP, Inhibits Diesel Particulate Filter Regeneration as Long as Switch is in ON Position	2/0	2
ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
<u>Includes</u>		
: BATTERY BOX Steel with Plastic Lid		

INTERNATIONAL®**Vehicle Specifications**
2012 7600 SBA 6X4 2010 (SF667)

July 26, 2011

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab		
: FUSES, ELECTRICAL SAE Blade-Type		
: HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover		
: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever		
: HEADLIGHTS (2) Sealed Beam, Round, with Chrome Plated Bezels		
: HORN, ELECTRIC Single		
: JUMP START STUD Located on Positive Terminal of Outermost Battery		
: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light		
: RUNNING LIGHT (2) Daytime, Included With Headlights		
: STARTER SWITCH Electric, Key Operated		
: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector		
: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature		
: TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted		
: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever		
: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted		
: WIRING, CHASSIS Color Coded and Continuously Numbered		
HORN, ELECTRIC (2)	2/0	2
ALTERNATOR {Bosch LH160} Brush Type, 12 Volt 160 Amp. Capacity, Pad Mounted	0/0	0
BODY BUILDER WIRING To Rear of Frame, With Stop, Tail, Turn, and Marker Lights Circuits, Ignition Controlled Auxiliary Feed and Ground, Less Trailer Socket	2/0	2
BATTERY SYSTEM {International} Maintenance-Free (4) 12-Volt 2600CCA Total	36/17	53
2-WAY RADIO Wiring Effects; Wiring With 20 Amp Fuse Protection, Includes Ignition Wire With 5 Amp Fuse, Wire Ends Heat Shrink and Routed to Center of Header Console in Cab	1/0	1
RADIO {International} AM/FM Stereo With Weatherband, Clock, Auxiliary Input, Includes Multiple Speakers	3/0	3
<u>Includes</u>		
: SPEAKERS IN CAB (2) Dual-Cone with Deluxe Interior		
: SPEAKERS IN CAB (4) Coaxial with Premium Interior		
BACK-UP ALARM Electric, 102 dBA	0/3	3
SWITCH, BODY CIRCUITS, MID for Bodybuilder, 6 Momentary Switches in Instrument Panel; One Power Module with 6 Channels, 20 Amp Max. Per Channel, 80 Amp Max Output, Switches Control Power Module Through Multiplex Wiring, Mounted in Cab Behind Driver Seat	1/0	1
JUMP START STUD Remote Mounted	2/0	2
<u>Includes</u>		
: JUMP START STUD Mounted to Battery Box		
POWER SOURCE, TERMINAL TYPE 2-Post	1/0	1
HORN, AIR Black, Single Trumpet, Air Solenoid Operated	0/0	0
SWITCH, TOGGLE, FOR WORK LIGHT Lighted; on Instrument Panel and Wiring Effects for Customer Furnished Back of Cab Light	2/1	3
HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on	0/0	0
STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start	0/0	0

Notes

: This starter is designed to work reliably without the need for thermal overcrank protection and provides the same warranty coverage as starters with thermal overcrank protection.

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
SWITCH, AUXILIARY Switch 40 amp Circuit for Customer Use; Includes Wiring Connection at PDC and Control in Cab	2/0	2
FENDER EXTENSIONS Rubber	0/0	0
INSULATION, UNDER HOOD for Sound Abatement	10/0	10
GRILLE Stationary, Chrome	0/0	0
INSULATION, SPLASH PANELS for Sound Abatement	3/0	3
BUG SCREEN Front End; Mounted Behind Grille	5/0	5
FRONT END Tilting, Fiberglass, With Three Piece Construction Includes Long Hood	0/0	0
PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "GS"		
HUBODOMETER {Stemco} English Reading (Miles) Mounted Rear Wheels Left Side	0/2	2
PAINT IDENTITY, PT-2 Single Color, Instruction No. 932. Wheels	0/0	0
PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
KEYS - ALL ALIKE Fleet - Includes Ignition and Cab Door Keys	0/0	0
KEYS - ALL ALIKE, ID Z-250	0/0	0
CLUTCH (Eaton Fuller Easy-Pedal Advantage) Manual Adjust, Two-Plate, Cast Angle Spring; Ceramic, 15.5" Diameter, 7-Spring Damper, Mechanical Pull-Type Control, 1700 lb-ft Torque Capacity	3/1	4
<u>Includes</u> : CLUTCH RELEASE BEARING Greasable		
BLOCK HEATER, ENGINE (Phillips) 120 Volt/1500 Watt	2/0	2
<u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door		
ENGINE, DIESEL (MaxxForce 13) EPA 10, 475 HP @ 1700 RPM, 1700 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 475 Peak HP (Max)	19/1	20
<u>Includes</u> : AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated (Air Brake Chassis Only) : ANTI-FREEZE Yellow Shell Rotella Extended Life Coolant; -40 Degrees F/ -40 Degrees C; for MaxxForce 2010 Engines : COLD STARTING EQUIPMENT Automatic; With Engine ECM Control : CRUISE CONTROL Electronic; Controls Integral to Steering Wheel : ENGINE BLOCK Compacted Graphite Iron : ENGINE SHUTDOWN Electric, Key Operated : FUEL FILTER Top Access, Cartridge Type Filter Element; Engine Mounted : FUEL SYSTEM High Pressure Common Rail : GOVERNOR Electronic : HEAT MANAGEMENT SYSTEM Eco-Therm : OIL FILTER, ENGINE Drop-In Cartridge Type : OIL PAN Laminate Steel Composite : TURBO Twin Series : WET TYPE CYLINDER SLEEVES		
FAN DRIVE (Horton Drivemaster) Automatic On/Off Type, With Normally Closed Temperature Control	0/0	0
<u>Includes</u>		

INTERNATIONAL®**Vehicle Specifications
2012 7600 SBA 6X4 2010 (SF667)**

July 26, 2011

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
: FAN Nylon		
RADIATOR Aluminum; Welded, Front to Back CrossFlow System, 1593 SqIn, 1929 SqIn Dual CAC, 1548 SqIn 3 Core LTR	0/0	0
<u>Includes</u>		
: DEAERATION SYSTEM with Clear Fill/Surge Tank		
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps		
: RADIATOR HOSES Premium, Rubber		
FEDERAL EMISSIONS for 2010; MaxxForce 13 Engines	0/0	0
AIR CLEANER Single Element	0/0	0
<u>Includes</u>		
: AIR CLEANER with Vacuator		
: GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted		
ENGINE CONTROL, REMOTE MOUNTED for PTO with MaxxForce 11 & 13 Engines	0/0	0
FAN OVERRIDE Manual; With Electric Switch on Instrument Panel, (Fan On With Switch On)	0/0	0
COLD STARTING EQUIPMENT Automatic; With Engine ECM Control	0/0	0
FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted	0/0	0
EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Regulations	0/0	0
TRANSMISSION, MANUAL (Fuller RTLO-18913A) 13-Speed Manual; With Double Overdrive, With Air Shift and Internal Lube Oil Pump	104/31	135
<u>Includes</u>		
: CLUTCH BRAKE Torque Limiting		
: FILL PLUG, MAGNETIC		
OIL COOLER, MANUAL TRANSMISSION Air to Oil Type, for International, Fuller, Meritor or Spicer Transmission, Mounted on Radiator, (REQUIRES TRANSMISSION LUBE PUMP)	16/4	20
INPUT SHAFT Heavy Duty Roller Bearing; Spline Size 2.00" with 1.18" Pilot, Use With Eaton 13/18 Speed Manual Transmissions, With Transmission Mounted, 6 or 8 bolt PTO's with Up to the Total PTO Output of 500 lb. ft.	0/0	0
PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring	3/0	3
AXLE, REAR, TANDEM (Meritor MT-40-14X-4DFR) Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends . Gear Ratio: 4.11	0/0	0
<u>Includes</u>		
: POWER DIVIDER, LOCK Electric over Air Operated, Cab Control with Indicator Light		
: REAR AXLE DRAIN PLUG (2) Magnetic, For Tandem Rear Axle		
<u>Notes</u>		
: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
SUSPENSION, REAR, TANDEM (Hendrickson HMX-400-54) Walking Beam Type 54" Axle Spacing; 40,000-lb Capacity, With Rubber End Bushings, Transverse Torque Rods, Less Shock Absorbers	0/9	9
<u>Includes</u>		
: CROSSMEMBER, SUSPENSION Stamped Steel Double Dogbone		
<u>Notes</u>		

INTERNATIONAL®**Vehicle Specifications
2012 7600 SBA 6X4 2010 (SF667)**

July 26, 2011

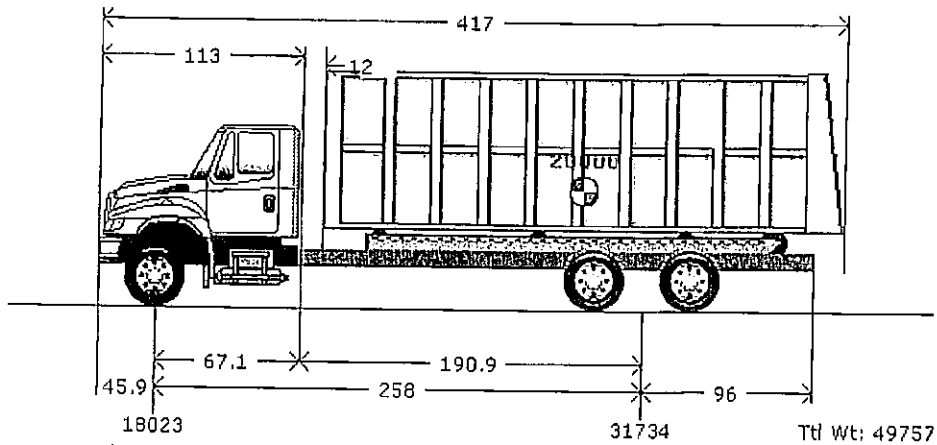
<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.		
SUSPENSION/REAR-AXLE IDENTITY for Meritor Tandem Rear Axles With Bar-Pin Beam Attachment Type Suspensions	0/0	0
FUEL/WATER SEPARATOR {Racor} Fuel Pre-Filter and Filter Base, 10 Micron	0/0	0
FUEL TANK Top Draw; D Style, Non Polished Aluminum, 100 U.S. Gal., 378.5 L Capacity, 23.0" Tank Depth, Mounted Left Side Under Cab	25/5	30
CAB Conventional	0/0	0
<u>Includes</u>		
: ARM REST (2) Molded Plastic; One Each Door		
: CLEARANCE/MARKER LIGHTS (5) Flush Mounted		
: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window		
: CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel		
: DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted		
: GLASS, ALL WINDOWS Tinted		
: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side		
: GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side		
: INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color		
: STEP (4) Two Steps Per Door		
GRAB HANDLE, CAB INTERIOR (2) Safety Yellow	0/0	0
GAUGE CLUSTER English With English Electronic Speedometer	0/0	0
<u>Includes</u>		
: GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level		
: ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout		
: WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)		
GAUGE, OIL TEMP, ENGINE	1/0	1
GAUGE, OIL TEMP, REAR AXLE	1/0	1
IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
SEAT, DRIVER {National 2000} Air Suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, With 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust	0/0	0
<u>Includes</u>		
: SEAT BELT 3-Point, Lap and Shoulder Belt Type		
SEAT, PASSENGER (National 2000) Air Suspension, High Back With Integral Headrest, Vinyl, Isolated, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Back Adjust	63/17	80
MIRRORS (2) {Lang Mekra} Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Bright Finish Heads and Brackets	7/0	7
CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator, Premium Floormat, and Sound Dampening Patches	27/0	27
<u>Notes</u>		
: Feature included with CAB INTERIOR TRIM, Premium		
AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster	50/4	54
<u>Includes</u>		

INTERNATIONAL®**Vehicle Specifications
2012 7600 SBA 6X4 2010 (SF667)**

July 26, 2011

<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
: HEATER HOSES Premium		
: HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps		
: REFRIGERANT Hydrofluorocarbon HFC-134A		
INSTRUMENT PANEL Center Section, Flat Panel	0/0	0
HVAC FRESH AIR FILTER	0/0	0
STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door	0/0	0
CAB INTERIOR TRIM Deluxe	0/0	0
<u>Includes</u>		
: "A" PILLAR COVER Molded Plastic		
: CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering		
: CAB, INTERIOR TRIM, CLOSEOUT Lower Dash Closeout Panel; Molded Plastic; Under Instrument Panel Driver Side		
: CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket		
: DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors		
: FLOOR COVERING Rubber, Black		
: HEADLINER Soft Padded Cloth		
: INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section		
: STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door		
: SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console		
CAB REAR SUSPENSION Air Bag Type	0/0	0
WHEELS, FRONT DISC; 22.5" Painted Steel, 5 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 9.00 DC Rims; With Steel Hubs.	133/0	133
<u>Includes</u>		
: PAINT IDENTITY, FRONT WHEELS White		
<u>Notes</u>		
: Compatible Tire Sizes: 12R22.5, 295/75R22.5, 295/80R22.5, 315/80R22.5		
WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs	0/0	0
<u>Includes</u>		
: PAINT IDENTITY, REAR WHEELS White		
<u>Notes</u>		
: Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22.5		
(8) TIRE, REAR 11R22.5 XDE M/S (MICHELIN) 497 rev/mile, load range H, 16 ply	0/24	24
(2) TIRE, FRONT 315/80R22.5 XZY-3 (MICHELIN) 486 rev/mile, load range L, 20 ply	90/0	90
Services Section:		
SRV CONTRACT, EXT ENGINE To 60-Month/200,000 Miles (320,000 km), 7,200 Hours; Includes Engine Electronics, Turbocharger, Water Pump and Fuel Injectors, for MaxxFORCE 11 & MaxxFORCE 13 Engines	0/0	0
Total Component Weight:	9885/8282	18167

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.



Graphics are provided as visual aids only and are not intended to represent the actual scale, shape, or color of the truck or its components. All weights are represented in lbs.

Truck		Body/Trailer		Chassis/Empty Weights	
Bumper to Axle	(BA) 45.9	Body Length	(BL) 292	Tractor Front Axle:	9,885
Wheelbase	(WB) 258.00			Tractor Rear Axle:	8,282
Axle to Frame	(AF) .96.00				
Axle to Back Cab	(ABC) 67.1				
Cab to Axle	(CA) 190.9				
Usable CA	190.9				
CA Reduction Adjustment	0				
Fuel (Gals)	900				

Before the Cab			Cab			Payloads			Body			After the Body		
#	Weight	CG	#	Weight	CG	#	Weight	CG	#	Weight	CG	#	Weight	CG
						1	20,000	146						

Loads		Weight Distribution	
Payload Weight:	20,000	Total Front Axle:	18,023
Driver:	200	Total Rear Axle:	31,734
Fuel(lbs):	6,390	Total Weight:	49,757

Weights and clearances in this proposal are estimates only. Navistar, Inc. is not liable for any consequences resulting from any differences between the estimated weights and clearances and the actual manufactured weights and clearances.

Weight Distribution

All weights are represented in lbs.

	<u>Truck</u>		
	Front	Rear	Total
<u>Chassis Weight</u>			
Chassis Weight:	9,885	8,282	18,167
Fuel:	4,792	1,598	6,390
Empty Body:	638	4,362	5,000
	<u>15,315</u>	<u>14,242</u>	<u>29,557</u>

Loads

Payloads:	2,558	17,450	20,000
Driver:	150	50	200
	<u>18,023</u>	<u>31,734</u>	<u>49,757</u>

Axle Totals (Gross Weight):

Weight Ratings

	<u>Truck</u>	
	Front	Rear
Axle(axle capacity)	18,000	40,000
Tire(tire capacity)	18,180	48,040
Suspension(suspension capacity)	18,000	40,000
Spring:	0	
Fed Bridge Law (axle spread):	20,000	34,000 (54")

<u>Wheel Combination</u>	<u>Load</u>	<u>Limit</u>
1 - 3	49,757	53,000

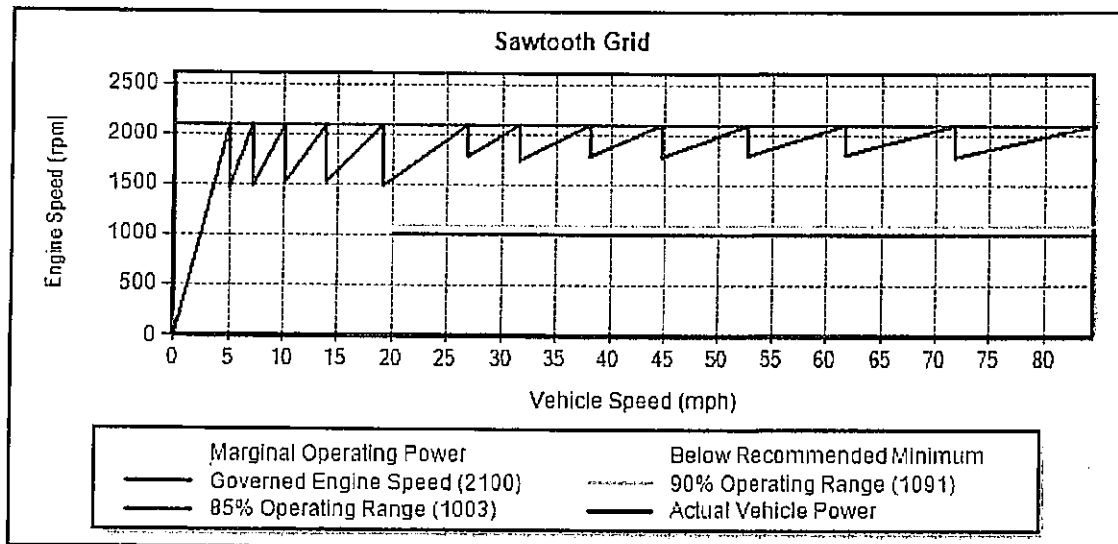
Federal Total Vehicle Weight Limit: 80,000

Maximum Gross Vehicle Weight Rating (GVWR) 58,000 - Gross Vehicle Weight(GVW) 49,757 = 8,243 Reserves

Weight Summary

* Front Tractor - Axle Weight exceeds Axle capacity

ENGINE/TRANSMISSION MATCHING



Sawtooth Details

Gear	Trans Ratio	Upshift Power Avail		Govern Power Avail		Peak Power Comparison			Warn Msg
		Veh Spd (MPH)	Eng Spd (RPM)	Veh Spd (MPH)	Eng Spd (RPM)	Gear Step (%)	85% Range (%)	90% Range (%)	
1	12.31	0.0	0	5.0	2100	42.5	109	92	
2	8.64	5.0	1474	7.1	2100	41.4	109	92	
3	6.11	7.1	1485	10.1	2100	37.9	109	92	
4	4.43	10.1	1523	13.9	2100	37.2	109	92	
5	3.23	13.9	1531	19.1	2100	41.0	109	92	
6	2.29	19.1	1489	26.9	2100	17.4	109	92	
7	1.95	26.9	1788	31.6	2100	20.4	109	92	
8	1.62	31.6	1745	38.1	2100	17.4	109	92	
9	1.38	38.1	1789	44.7	2100	17.9	109	92	
10	1.17	44.7	1780	52.7	2100	17.0	109	92	
11	1.00	52.7	1795	61.7	2100	16.3	109	92	
12	0.86	61.7	1806	71.7	2100	17.8	109	92	
13	0.73	71.7	1783	84.5	2100	0.0	109	92	

STEADY STATE PERFORMANCE

Performance Results	Gear	Veh Spd (mph)	Eng Spd (rpm)	Fuel Econ (mpg)	Grade (%)	Notes
LEVEL ROAD MAXIMUM SPEED	13	85.2	2118	4.30	0.00	
HI GEAR SPEED @ RATED RPM	13	84.5	2100	4.37	0.46	
55.0 MPH STEADY-STATE	13	55.0	1367	7.53	2.90	- Calculated Grade Ability/Fuel Economy

VEHICLE ORDER CODING ERRORS MAY RESULT IF THE "LEVEL ROAD MAX SPEED" VALUE EXCEEDS THE "HI GEAR SPEED @ RATED RPM" AND IS USED AS THE ENGINE PROGRAMMABLE VEHICLE SPEED LIMIT.

IF THE RESULTS CONTAIN "-----", VEHICLE CANNOT ATTAIN THAT SPEED.

IF THE RESULTS CONTAIN "*****", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

Recommendations / General Information

IDLE FUEL RATE : 0.69 GALS/HR @ 600 RPM

Fuel Economy Route: Normal Route - City, Suburban, and Highway

Key Fuel Economy Information	City	Suburban	Highway	Notes
MILES PER GALLON	4.11	5.86	6.77	
AVERAGE MPH	18.51	39.43	54.56	
MISSION MINUTES	30.5	52.5	173.5	

IF THE RESULTS CONTAIN "*****", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

GRADEABILITY PERFORMANCE

Grade Ability Table

Gear	Trans Ratio	Gear Step	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Msg	Start Grade (%)	Notes
1	12.31	42.5	1.9	800	128.7	40.60		30.60	- Calculated Start Ability
			2.4	1000	166.8	42.40	@		
			5.0	2100	347.3	42.00			
2	8.64	41.4	2.7	800	129.9	27.50		17.50	
			3.4	1000	237.6	42.40	@		
			5.0	1474	350.3	42.40	@		
3	6.11	37.9	7.1	2100	350.2	28.30		9.00	
			3.8	800	130.7	19.00			
			4.8	1000	295.2	36.40			
4	4.43	37.2	7.1	1485	414.9	34.20		3.50	
			10.1	2100	352.2	19.50			
			5.3	800	131.2	13.50			
5	3.23	41.0	6.6	1000	296.4	25.50		3.50	
			10.1	1523	422.1	23.70			
			13.9	2100	353.4	13.90			
6	2.29	17.4	7.3	800	131.5	9.60		3.50	
			9.1	1000	297.2	18.20			
			13.9	1531	424.4	16.90			
7	1.95	20.4	19.1	2100	354.1	9.90		3.50	
			12.8	1000	297.8	12.60			
			19.1	1489	418.9	11.80			
8	1.62	17.4	26.9	2100	354.3	6.70		3.50	
			15.1	1000	297.9	10.60			
			26.9	2100	354.3	6.70			
9	1.38	17.9	15.1	1000	297.9	10.60		3.50	
			31.6	2100	354.2	5.50			
			31.6	1745	437.7	7.10			
10	1.17	17.0	38.1	2100	353.9	4.40		3.50	
			38.1	1789	439.1	5.70			
			44.7	2100	353.5	3.50			
11	1.00	16.3	44.7	1780	438.4	4.60		3.50	
			52.7	2100	352.8	2.70			
			52.7	1795	444.3	3.70			
12	0.86	17.8	61.7	2100	356.3	2.00		3.50	
			61.7	1806	435.0	2.70			
			71.7	2100	348.8	1.20			
13	0.73	0.0	71.7	1783	433.8	1.90		3.50	
			80.1	1991	387.4	1.00			
			84.2	2094	349.2	0.50			
			84.5	2100	346.7	0.50			
			85.2	2118	284.2	0.00			

STARTING / TOP GEAR PERFORMANCE

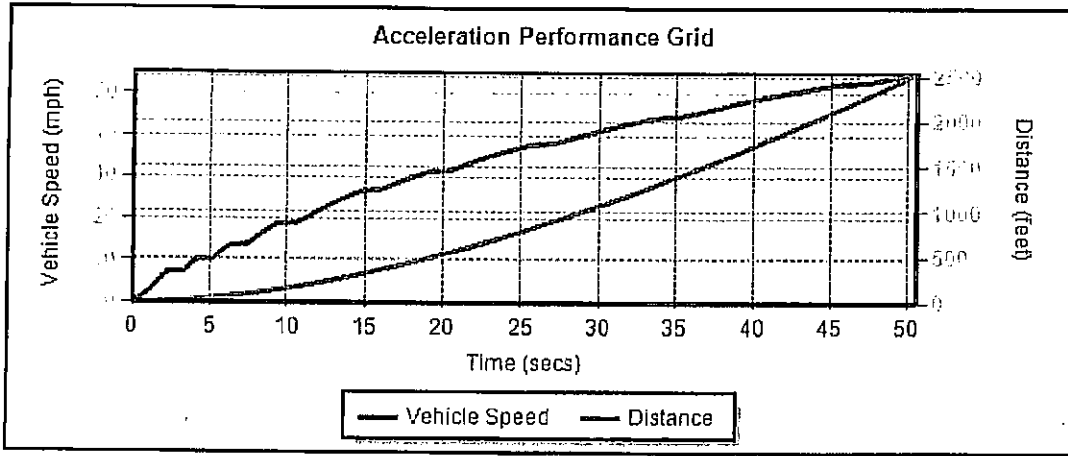
Gear	Trans Ratio	Gear Step	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Msg	Start Grade (%)	Notes
1	12.31	42.5	1.9		128.7	40.60		30.60	
2	8.64	41.4	2.7		129.9	27.50		17.50	
3	6.11	37.9	3.8		130.7	19.00		9.00	
4	4.43	37.2	5.3		131.2	13.50		3.50	

@ - WHEELSLIP CAN OCCUR AT THE GRADE SHOWN. THE VEHICLE IS CAPABLE OF INCREASED GRADEABILITY IF MORE WEIGHT IS PLACED ON THE DRIVE AXLES.

SOME OF THE GEARS SHOWN MAY NOT BE USED IN THE ECONOMY SIMULATION.

ACCELERATION PERFORMANCE RESULTS

Acceleration Performance Grid



Acceleration Performance: TIME TO ACCELERATE ON A 0.00% GRADE TO 55.0 (MPH) IS 50.60 (SECS)

Acceleration Performance Details

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
2	0.39	0.3	1.0	
	0.79	1.2	2.0	
	1.13	2.4	3.0	
	1.39	3.8	4.0	
	1.64	5.4	5.0	
	1.89	7.4	6.0	
	2.19	10.3	7.0	
	2.23	10.7	7.1	
	2.25	10.9	7.1	
	3.25	21.3	7.1	
3	3.49	24.0	8.1	
	3.76	27.4	9.1	
	4.09	32.1	10.1	
	4.11	32.3	10.1	
4	5.11	47.0	10.0	
	5.38	51.2	11.0	
	5.68	56.2	12.0	
	6.01	62.3	13.0	
	6.41	70.1	13.9	
5	7.41	90.4	13.8	
	7.74	97.4	14.8	
	8.09	105.3	15.8	
	8.47	114.4	16.8	
	8.89	125.0	17.8	
	9.37	137.9	18.8	
6	9.65	145.6	19.1	
	10.65	173.5	18.9	
	11.08	185.9	19.9	
	11.53	199.3	20.9	
	12.00	214.0	21.9	
	12.49	230.1	22.9	
	13.00	247.9	23.9	

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
	13.57	268.1	24.9	
	14.19	291.4	25.9	
	14.89	318.6	26.9	
	15.89	358.0	26.8	
7	16.49	381.8	27.8	
	17.12	408.1	28.8	
	17.81	437.8	29.8	
	18.58	471.7	30.8	
	19.35	507.0	31.6	
8	20.35	553.3	31.5	
	21.05	585.9	32.5	
	21.77	621.0	33.5	
	22.54	659.3	34.5	
	23.37	701.7	35.5	
	24.27	749.1	36.5	
	25.26	802.6	37.5	
	26.02	844.9	38.1	
	27.02	900.6	37.9	
9	27.88	949.1	38.9	
	28.78	1001.3	39.9	
	29.74	1058.1	40.9	
	30.77	1120.4	41.9	
	31.88	1189.5	42.9	
	33.09	1266.5	43.9	
	34.23	1340.7	44.7	
	35.23	1406.1	44.5	
10	36.28	1475.3	45.5	
	37.38	1549.0	46.5	
	38.53	1628.2	47.5	
	39.74	1713.9	48.5	
	41.05	1807.4	49.5	
	42.45	1910.3	50.5	
	43.97	2024.0	51.5	
	45.63	2150.4	52.5	
	46.18	2192.8	52.7	
	47.18	2269.9	52.5	
11	48.48	2371.4	53.5	
	49.85	2479.4	54.5	
	50.60	2539.6	55.0	

REQUIRED TCAPE INFORMATION

TCAPE Factors For Vehicle

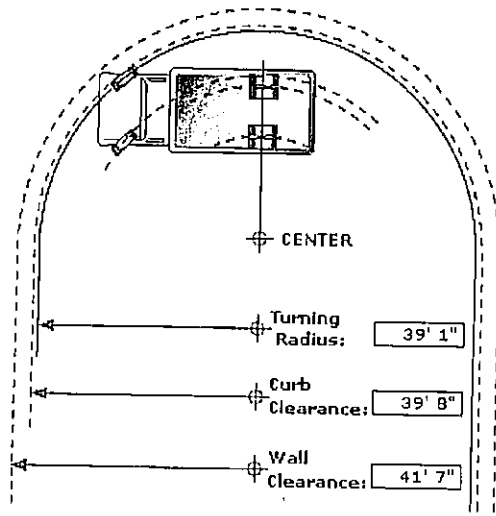
Selected Rear Axle Gear Ratio(s):	4.11
Vehicle Vocation:	MODERATE ON/OFF HIGHWAY
Road Surface Type:	TYPICAL
Enroute PTO:	NO
Fuel Economy Route:	Normal Route - City, Suburban, and Highway
ID Wheel Slip Conditions:	Yes
Engine Fan Type:	CLUTCH (MODULATED - ON/OFF)
Parked PTO:	NO
Road Governor/Cruise Ctrl:	No
Acceleration Grade (%):	0.0
Weight on Drive Axle (LBF):	40000
Alternator (A):	40
Frontal Area (FT2):	76
Acceleration Start Gear:	2
Air Compressor (HP):	2.20
Vehicle Width (IN):	96
Vehicle Height (IN):	114
Steering Gear (HP):	2.60
Air Conditioner (HP):	3.20
Acceleration Vehicle Spd (MPH):	55.0
Speed Limit on Route (MPH):	61.0
Relative Drag Coefficient:	85
TIRE, FRONT	2 - RADIAL LOWPROFILE
TIRE, REAR	8 - RADIAL NORMAL

Components

0002ARZ	AXLE, FRONT NON-DRIVING {Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity
0004SPM	AIR COMPRESSOR {Bendix} 15.9 CFM Capacity, Single Cylinder
0005PTB	STEERING GEAR (2) {Sheppard M-100/M-80} Dual Power
0008GGN	ALTERNATOR {Bosch LH160} Brush Type, 12 Volt 160 Amp. Capacity, Pad Mounted
0012BAW	ENGINE, DIESEL {MaxxFORCE 13} EPA 10, 475 HP @ 1700 RPM, 1700 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 475 Peak HP (Max)
0012THJ	FAN DRIVE {Horton Drivemaster} Automatic On/Off Type, With Normally Closed Temperature Control
0013GJS	TRANSMISSION, MANUAL {Fuller RTLO-18913A} 13-Speed Manual; With Double Overdrive, With Air Shift and Internal Lube Oil Pump
0014GVY	AXLE, REAR, TANDEM {Meritor MT-40-14X-4DFR} Single Reduction, 0.433"(11mm) Wall Housing Thickness, 40,000-lb Capacity, R Wheel Ends
0016030	CAB Conventional
0016WCT	AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster
07452133217	TIRE, REAR 11R22.5 XDE M/S (MICHELIN) 497 rev/mile, load range H, 16 ply 11R22.5 XDE M/S (MICHELIN) 497 rev/mile, load range H, 16 ply
07652543208	TIRE, FRONT 315/80R22.5 XZY-3 (MICHELIN) 486 rev/mile, load range L, 20 ply 315/80R22.5 XZY-3 (MICHELIN) 486 rev/mile, load range L, 20 ply

TCAPE HAS BEEN DESIGNED TO GIVE ECONOMY AND PERFORMANCE PREDICTIONS WHICH HAVE BEEN SHOWN TO BE TYPICAL FOR MOST OPERATIONS. HOWEVER, DUE TO OPERATING CONDITIONS, DRIVER INFLUENCES, AND OTHER FACTORS, YOUR RESULTS MAY VARY FROM THOSE PREDICTED. ALSO, BECAUSE OF FUEL MAPPING PROCEDURES USED BY VARIOUS ENGINE MANUFACTURERS, COMPARISONS OF FUEL ECONOMY RESULTS FOR DIFFERENT BRANDS OF ENGINES MAY VARY FROM THOSE SHOWN.

NAVISTAR, INC. SHALL NOT BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE, INTERRUPTION OF BUSINESS OR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND THAT ARE INCURRED BY DEALER OR BY DEALER'S CUSTOMERS AS A RESULT OF RELIANCE ON TCAPE, WHETHER THE CLAIM IS IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.



Series: 7000
Model: SF667
Description: 7600 SBA 6X4 2010
Model Year: 2012

Calculation Factors

Wheelbase: 258
Front Axle: 0002ARZ
Description: AXLE, FRONT NON-DRIVING, {Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity
Front Wheel: 0027DMW
Description: WHEELS, FRONT, DISC; 22.5" Painted Steel, 5 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 9.00 DC Rims; With Steel Hubs.
Front Tire: 07652543208
Description: TIRES, 315/80R22.5 XZY-3 (MICHELIN) 486 rev/mile, load range L, 20 ply
Steering Gear: 0005PTB
Description: STEERING GEAR, {2} {Sheppard M-100/M-80} Dual Power

Turning Radius Statistics

General Information

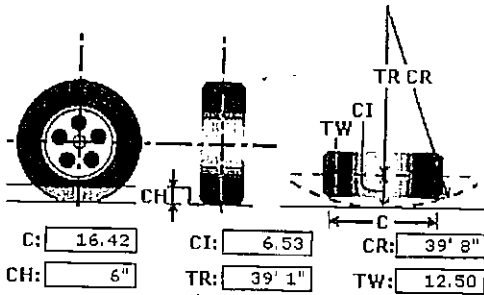
Inside Turn Angle: 40 Degrees
Radial Overhang: 30

Axle Information

KingPin Inclination: 6.25 Degrees
KingPin Center: 71

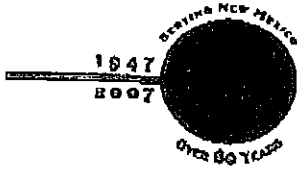
Turning Radius - Curb View

C	- Curb Contact Length:	16.42
CI	- Curb Clearance Increment:	6.53
CR	- Curb Clearance Radius:	39' 8"
CH	- Curb Height:	6"
TR	- Turning Radius:	39' 1"
TW	- Tire Width:	12.50



* All Measurements are in inches, unless otherwise specified.

This information is based on engineering information available at this time. Actual figures may vary. Navistar, Inc. cannot accept liability for consequences due to this variance.



CLARK "The Best Service"
 TRUCK EQUIPMENT CO., INC.

501 Industrial Ave. NE / P.O. BOX 3483 / Albuquerque, New Mexico 87150-3483
 Telephone (505) 880-8222 / Toll Free 1-800-878-2741 / Fax (505) 880-8288
 www.cte-nm.com

FAX COVER SHEET

TO: ROBERTS TRUCK
ATTENTION: RICHARD HAWKINS
REGARDING: SF COUNTY ROLL-OFF
PHONE:
FAX:

FROM: RHETT BUTLER
PHONE: 505-350-8289
FAX: 505-880-8288
EMAIL: Rhett@cte-nm.com

SUPPLY AND INSTALL ON YOUR CUSTOMER'S CAB AND CHASSIS WITH TANDEM AXLES AND A MINIMUM CT OF 186", THE FOLLOWING:

PALFINGER AMERICAN ROLLOFF MODEL ARO-60-22-4C WITH THE FOLLOWING SPECIFICATIONS:

- 60,000 LB CAPACITY
- HANDLES 22' ROLL-OFF CONTAINERS
- FRAME RAIL - OUTSIDE
- RAILS 8" X 4" X 1/2" TUBE
- 5 EA HIGH CARBON WEAR RESISTANT ROLLERS AND PINS ON EACH SIDE
- TUBULAR SUBFRAME 4" X 3" X 1/2"
- INTERCHANGEABLE LIFT AND REEVE CYLINDERS
- 7/8" CABLE - EPIS 6 X 37 DOMESTIC WITH PEAR LINK
- AUTOMATIC FRONT CONTAINER LOCKS WITH SPRING
- SHEAVES WITH ALUMINUM BRONZE BUSHINGS
- REAR ROLLER INTEGRAL TO MAIN FRAME
- 2 SECTION TANK MOUNTED CONTROL VALVE
- OUTSIDE CONTROLS STANDARD
- DUAL STICK INSIDE CONTROLS
- 60 GALLON TANK WITH SHUTOFF AND 2" SUCTION LINE
- DUAL FILTERS - RETURN AND SUCTION WITH RELIEFS
- CHROMED CYLINDER RODS WITH 3 YEAR WORKMANSHIP WARRANTY
- HOT-SHIFT PTO AND DIRECT MOUNT PUMP RATED AT 45 GPM @ 1800 RPM
- REAR FENDERS STANDARD
- SEALED BEAM LIGHTING WITH PLUG IN WIRE HARNESS
- OSHA REQUIRED BODY PROPS, REFLECTIVE TAPE AND BACKUP ALARM
- BODY UP LIGHT, MANUAL REAR CONTAINER HOLD DOWN WINCHES
- AUTOMATIC FOLDING ICC BUMPER
- FACTORY INSTALLED
- FOB ALBUQUERQUE NM

TOTAL: \$ 29,700.00 FOR RESALE

OPTIONS:

AUTO TARPER INSTALLED: ADD \$ 7,675.00

DELETE INSIDE RAILS: DEDUCT \$ 440.00

THANK YOU FOR THE OPPORTUNITY TO QUOTE YOUR TRUCK EQUIPMENT NEEDS!

RHETT BUTLER
 CELL 505-350-8289

Daniel "Danny" Mayfield
Commissioner, District 1

Virginia Vigil
Commissioner, District 2

Robert A. Anaya
Commissioner, District 3



Kathy Holian
Commissioner, District 4

Liz Stefanics
Commissioner, District 5

Katherine Miller
County Manager

MEMORANDUM

Date: August 9, 2011
To: Board of County Commissioners
From: Erle Wright, Data Integration Administrator, GIS Division *AEW*
Via: Jack Kolkmeier, Director, Growth Management Department *JK*
Subject: Presentation of Draft County Commission Redistricting Plans

Issue

Based upon direction received from the Board at its July 12, 2011 and July 26, 2011 meetings, the Santa Fe County GIS Division has prepared several preliminary redistricting scenarios/plans for the Board's review, consideration and discussion.

Background

The 2010 Decennial Census data for Santa Fe County has revealed that Santa Fe County's County Commission districts must be adjusted in order to balance population as equally as possible among each of the five districts. The following basic principles of districting shall be applied:

- Equal Population
- Avoid Dilution of Minority Voting Strength
- Compactness
- Contiguity
- Maintenance of Communities of Interest

Attached are three (3) redistricting plan options that adhere to these principles and attempt to meet the general criteria requested by the various Commissioners.

Option A is a 'least change' scenario making only minimum changes to the districts in order to balance population.

Option B is an attempt to equalize, or at least normalize, the urban (incorporated) vs. rural (unincorporated) populations while still preserving the 'core constituencies' of each district.

Option C is a plan that attempts to utilize predominately major roads & visible features (rivers, railroads) as district boundaries. It is also a 'growth accommodation' scenario as Districts 2, 3 & 5 (containing growth management SDA1 areas) are under ideal population while Districts 1 & 4 are over ideal population and are likely to have relatively stable populations over the next 10 years.

Action

The preliminary redistricting plans prepared for the Board's review today should be properly viewed as first drafts only and as the starting point for the development and refinement of a set of final plans. The only actions needed from the Board today are a review and discussion of each option and possible suggestions for further refinement and/or requests for other alternative plans to be prepared.

Population Breakdown of Current Santa Fe County Commission Districts and Proposed Redistricting Options

CURRENT CONDITIONS

2010 Total County Population by Race		Non-Hispanic Origin				Estimated Urban Population			
Total Population	Ideal Population per Commission District	Hispanic	White	Native American	Black	Asian & Other	2 or More Races		
144,170	28,834	73,015	63,291	3,271	947	1,963	1,683	86,201	59.8%

2010 Totals for Existing Commission Districts		Non-Hispanic Origin				Estimated Urban Population												
Comm. Dist.	Pct. Cnt.	Population per District	Deviation (max +/- 5%)	Hispanic	White	Native American	Black	Asian & Other	2 or More Races									
1	24	26,023	-2,811	-9.75%	14,089	54.1%	9,654	37.1%	1,635	6.3%	118	0.5%	279	1.1%	248	1.0%	12,120	46.6%
2	16	28,164	-670	-2.32%	14,564	51.7%	12,430	44.1%	338	1.2%	165	0.6%	355	1.3%	312	1.1%	19,166	68.0%
3	14	32,842	4,008	13.90%	18,682	56.9%	12,711	38.7%	461	1.4%	203	0.6%	429	1.3%	356	1.1%	21,003	64.0%
4	19	26,045	-2,789	-9.67%	10,486	40.3%	14,230	54.6%	320	1.2%	185	0.7%	445	1.7%	379	1.5%	18,776	72.1%
5	15	31,096	2,262	7.84%	15,194	48.9%	14,266	45.9%	517	1.7%	276	0.9%	455	1.5%	388	1.2%	15,136	48.7%

Totals for Proposed Redistricting Options

Option A		Non-Hispanic Origin				Estimated Urban Population												
Comm. Dist.	Pct. Cnt.	Population per District	Deviation (max +/- 5%)	Hispanic	White	Native American	Black	Asian & Other	2 or More Races									
1	25	27,569	-1,265	-4.39%	14,303	51.9%	10,910	39.6%	1,658	6.0%	120	0.4%	302	1.1%	276	1.0%	12,893	46.8%
2	14	29,833	999	3.46%	18,025	60.4%	10,626	35.6%	366	1.2%	188	0.6%	322	1.1%	306	1.0%	21,608	72.4%
3	13	27,952	-882	-3.06%	14,663	52.5%	12,014	43.0%	395	1.4%	167	0.6%	401	1.4%	312	1.1%	16,113	57.6%
4	22	29,304	470	1.63%	11,411	38.9%	16,413	56.0%	347	1.2%	209	0.7%	497	1.7%	427	1.5%	22,035	75.2%
5	14	29,512	678	2.35%	14,613	49.5%	13,328	45.2%	505	1.7%	263	0.9%	441	1.5%	362	1.2%	13,552	45.9%

Option B

1	26	29,739	905	3.14%	16,487	55.4%	10,738	36.1%	1,701	5.7%	151	0.5%	345	1.2%	317	1.1%	15,836	53.2%
2	10	29,257	423	1.47%	19,920	68.1%	8,374	28.6%	337	1.2%	141	0.5%	259	0.9%	226	0.8%	17,620	60.2%
3	13	28,408	-426	-1.48%	14,843	52.2%	12,144	42.7%	436	1.5%	242	0.9%	427	1.5%	316	1.1%	16,453	57.9%
4	22	28,214	-620	-2.15%	9,624	34.1%	17,196	60.9%	312	1.1%	182	0.6%	485	1.7%	415	1.5%	19,871	70.4%
5	17	28,552	-282	-0.98%	12,141	42.5%	14,839	52.0%	485	1.7%	231	0.8%	447	1.6%	409	1.4%	16,421	57.5%

Option C

1	26	29,739	905	3.14%	15,943	53.6%	11,305	38.0%	1,674	5.6%	139	0.5%	352	1.2%	326	1.1%	15,836	53.2%
2	10	28,498	-336	-1.17%	18,829	66.1%	8,674	30.4%	350	1.2%	154	0.5%	263	0.9%	228	0.8%	19,500	68.4%
3	12	27,896	-938	-3.25%	14,643	52.5%	11,916	42.7%	403	1.4%	176	0.6%	440	1.6%	318	1.1%	16,453	59.0%
4	24	29,540	706	2.45%	10,633	36.0%	17,429	59.0%	344	1.2%	210	0.7%	496	1.7%	428	1.4%	20,801	70.4%
5	16	28,497	-337	-1.17%	12,967	45.5%	13,967	49.0%	500	1.8%	268	0.9%	412	1.4%	383	1.3%	13,611	47.8%

Santa Fe County 2011 Redistricting Option A

DRAFT

Legend

Redistricting Option A

District 1

District 2

District 3

District 4

District 5

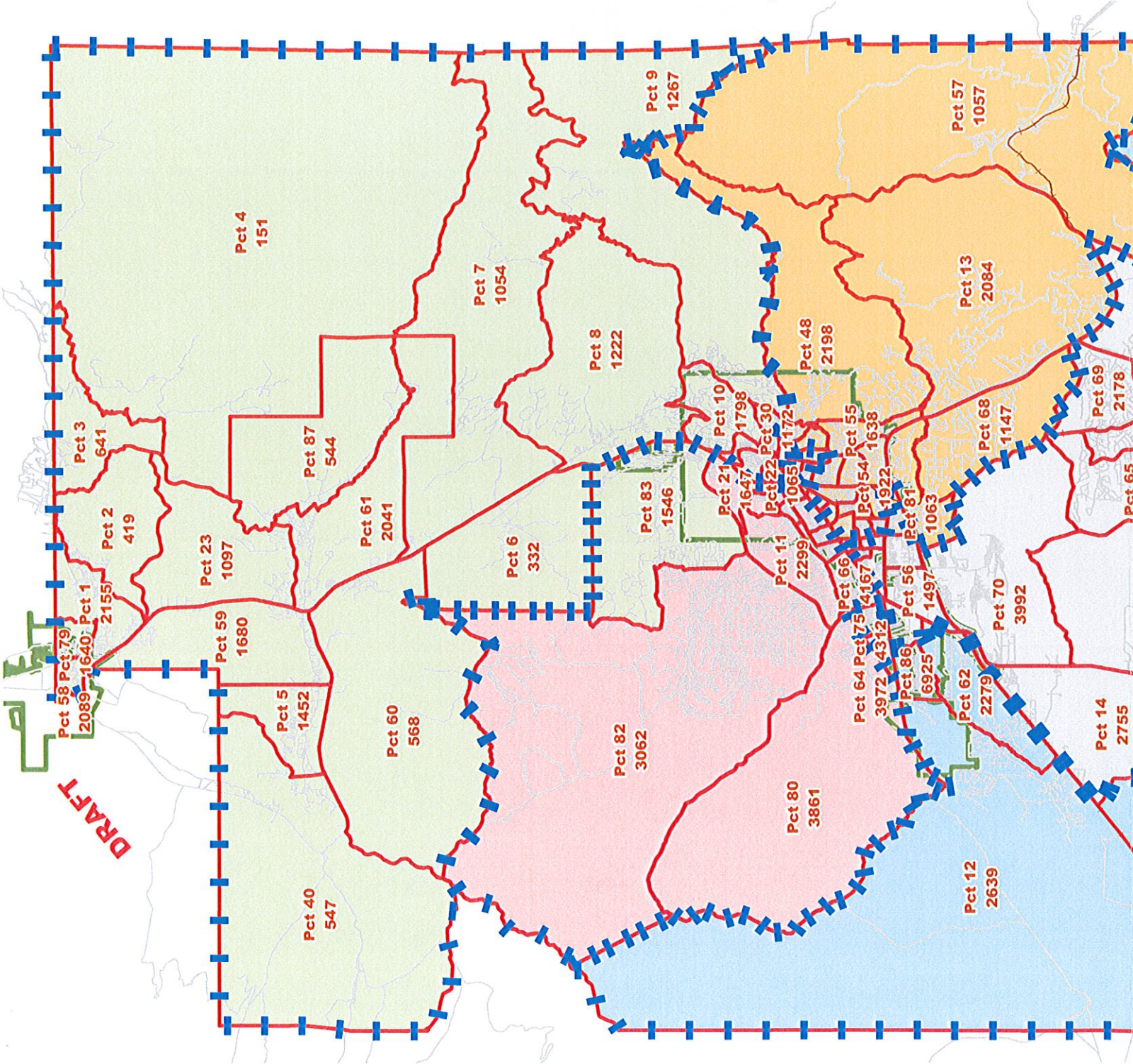
Former District Boundaries

2011 Precinct Boundaries

Incorporated Areas

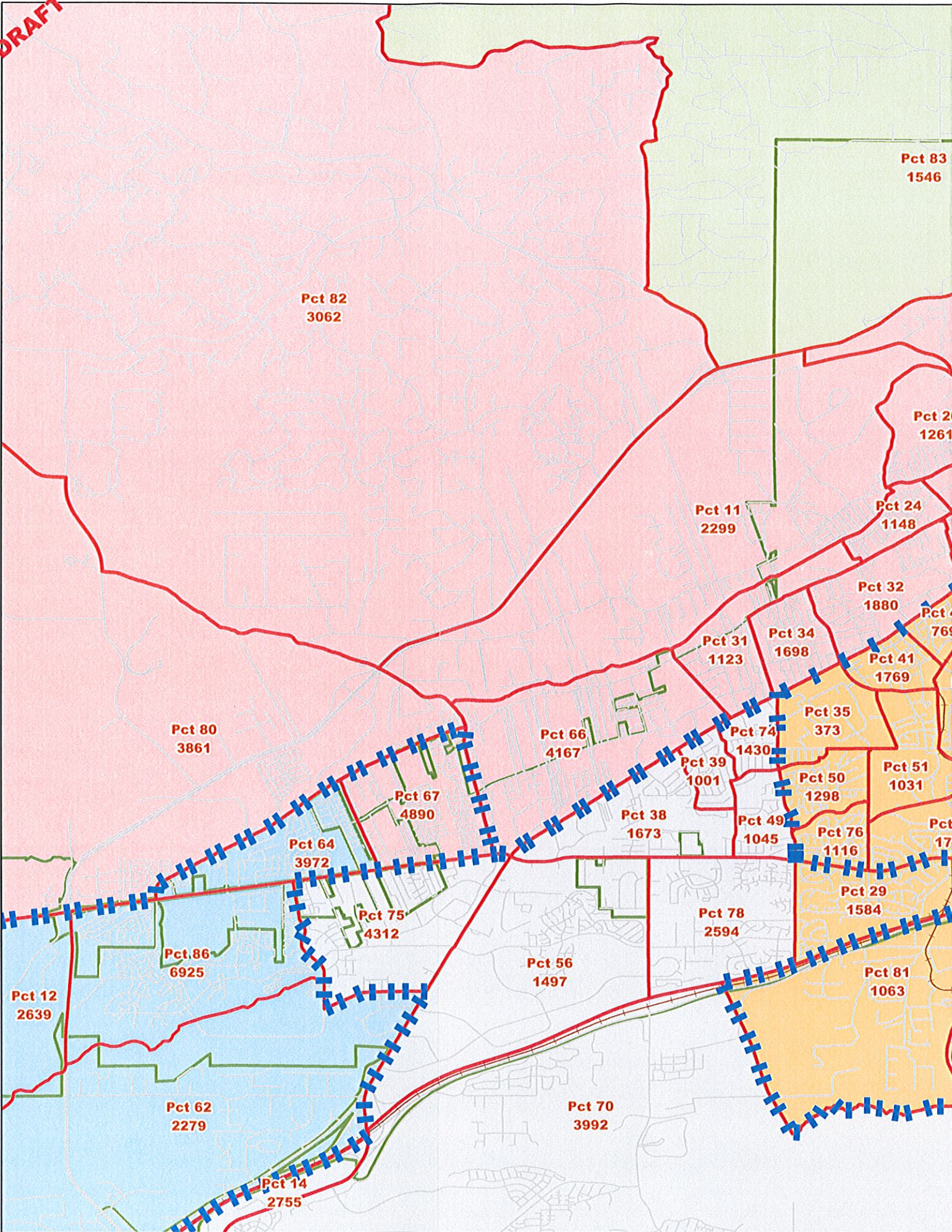
Roads

Railroads



DRAFT

DRAFT



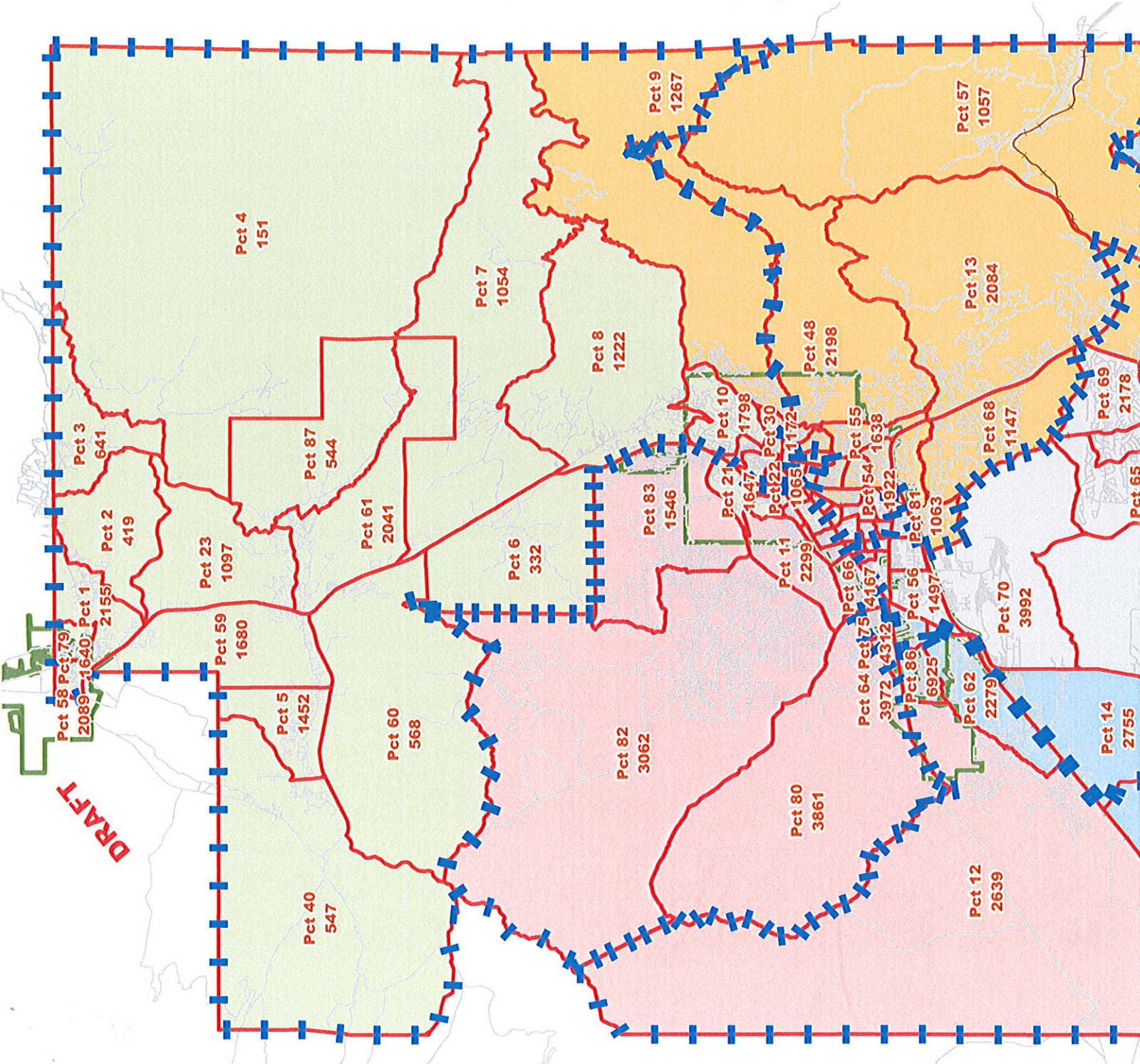
Santa Fe County 2011 Redistricting Option B

DRAFT

Legend

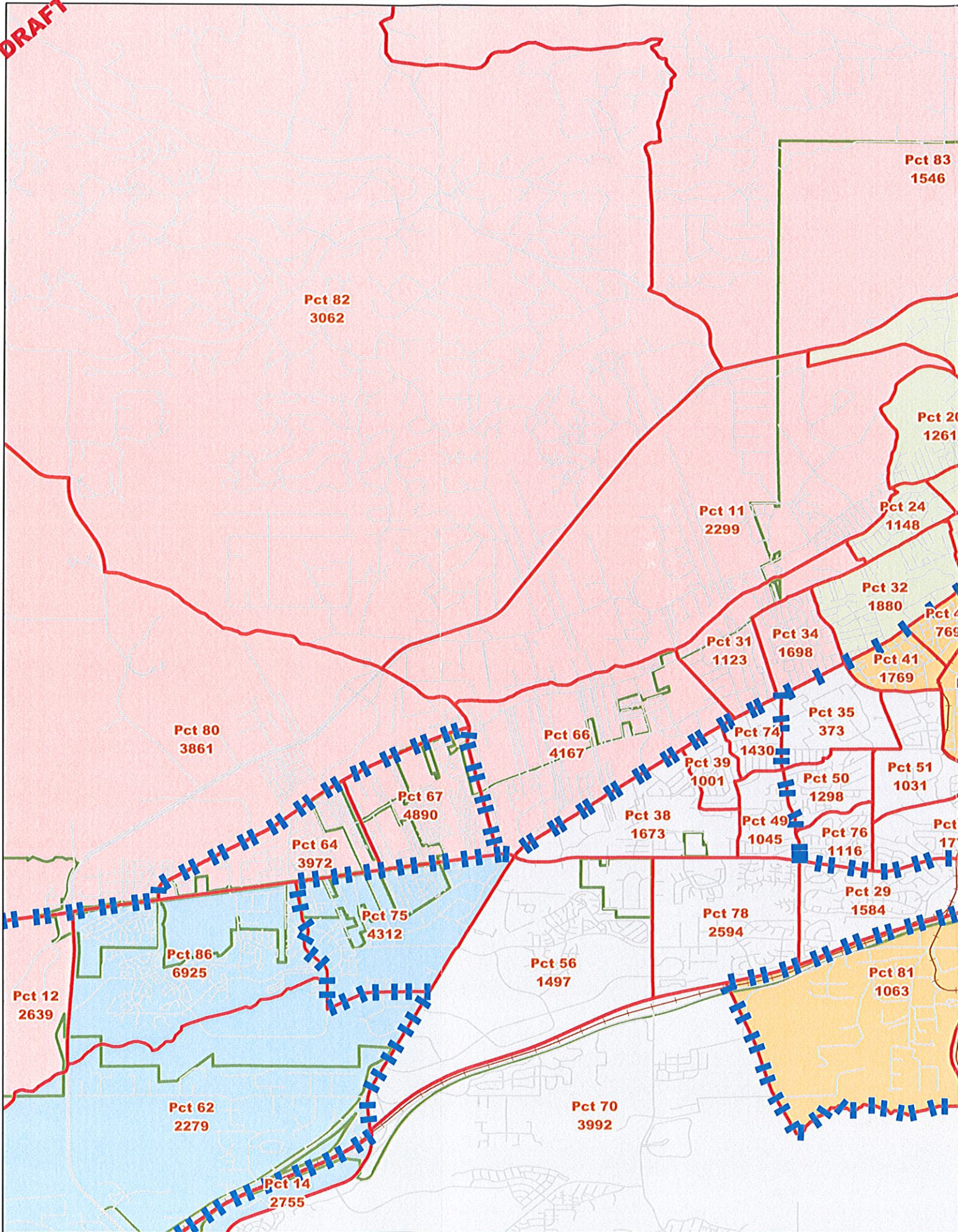
Redistricting Option B

- District 1
- District 2
- District 3
- District 4
- District 5
- Former District Boundaries
- 2011 Precinct Boundaries
- Incorporated Areas
- Roads
- Railroads



DRAFT

DRAFT



Santa Fe County 2011 Redistricting Option C

DRAFT

Legend

Redistricting Option C



District 1



District 2



District 4



District 5



Former District Boundaries



2011 Precinct Boundaries



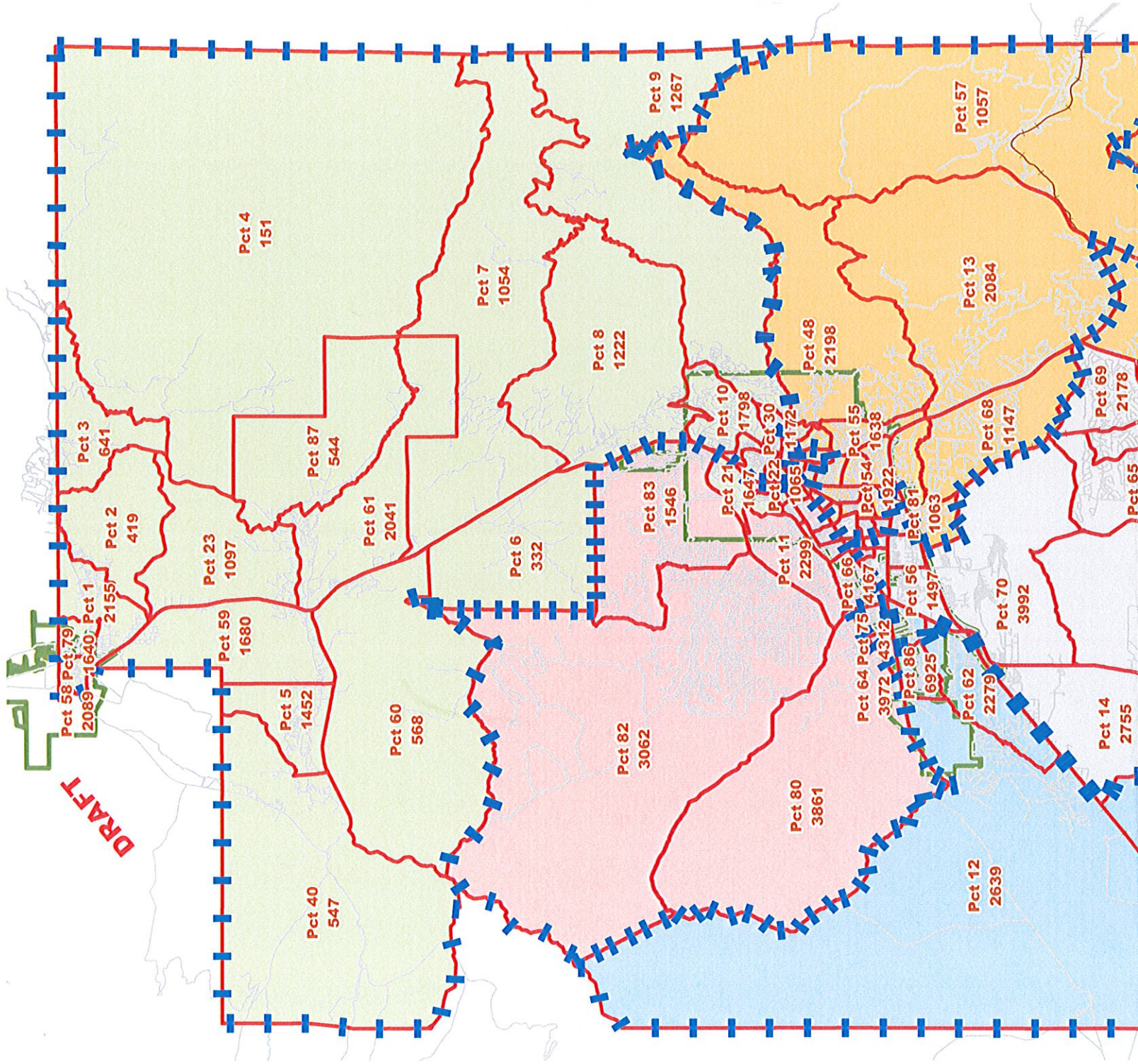
Incorporated Areas



Roads



Railroads



DRAFT

DRAFT

