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File 1982-0055a
Date 7/22/02

Project Name: Transmission Line – 25 & F.5 Rd.-Special Use Permit

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X		New Release from Public Service-5/9/83	
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IMPACT STATEMENT
INCLUDING DEVELOPMENT SCHEDULE
AND RESPONSE TO CRITERIA SHEET

IMPACT STATEMENT
INCLUDING DEVELOPMENT SCHEDULE
AND RESPONSE TO CRITERIA SHEET

PROPOSED PROJECT

Public Service Company of Colorado must expand the electrical facilities in the City of Grand Junction and Mesa County to meet the increasing demands resulting from residential, commercial, and industrial developments. The expansion will include a 230,000 volt transmission line and the construction of Horizon Substation. Construction of the 230,000 volt transmission line requires a Special Use Permit in the City of Grand Junction (herein applied for), a Conditional Use Permit in Mesa County (separately applied for), and a Flood Plain Development Permit in Mesa County (separately applied for). A Resolution approving a Conditional Use Permit for the construction of Horizon Substation was issued by the Mesa County Board of County Commissioners on May 2, 1978 (refer to C3-78 and Exhibit A). A Resolution denying a Conditional Use Permit to locate this transmission line along the East side of 25 Road from F 1/2 Road to I Road was issued by the Mesa County Board of County Commissioners on October 26, 1982 (refer to C99-82 and Exhibit B).

This application to the City of Grand Junction requests a Special Use Permit for construction of the 230,000 volt transmission line along the route designated as Preferred Alignment; or along one of the routes designated as Alternate Alignments (refer to Plan, Sheet 1 of 1).

The transmission line segment from Horizon Substation North to the Cameo-Fruita transmission line is necessary to the entire Conversion Project. There is no corridor designated at this time. However, a land use study will be completed and an application for a Special Use Permit will be filed in the Spring of 1983.

DESIGN

The proposed transmission line has been designed and will be constructed to transmit 230,000 volts; however, initial operation will be at 69,000 volts. This allows for economic conversion of the existing 69,000 volt electric system, mutual benefits with Colorado Ute Electric Association's and Grand Valley Rural Power Line's systems and plans, and incorporation into the future Grand Junction/Mesa County electric system, (refer to Exhibit C- Existing 69,000 Volt Transmission and Substation System, and Exhibit D- Grand Junction Conversion - Proposed 230,000 Volt Transmission and Substation System).

The proposed transmission line will be constructed on single column steel structures approximately 90 feet high* (refer to Plan, Sheet 1 of 1). The structures will have a dulled galvanized finish which produces a mottled blackish-gray appearance. The specific structures for each segment are referenced and illustrated on the Plan, Sheet 1 of 1. All transmission structures are designed to meet or exceed the "Heavy Loading Conditions" of the National Electric Safety Code (1/2" ice, 4 pounds wind, 0 degrees Fahrenheit). The Preferred Alignment and the Alternate Alignments are along existing roads, to the extent possible, as required in the Conditional Use Permit for Horizon Substation.

* Specific structure heights can be determined only after the surveys and detailed engineering is completed. Slightly higher structures may be required to maintain minimum clearances required by the National Electric Safety Code when crossing highways, roads, railroads, rivers, communication and signal circuits, as well as existing trees.

The following rights-of-way will be required:

PREFERRED ALIGNMENT

- Double circuit construction on F 1/2 Road - 31.0' additional right-of-way
- Single circuit construction on 25 Road - 5.0' additional right-of-way outside 77' road width classification
- Single circuit construction in areas without road right-of-way - 75.0' right-of-way

ALTERNATE ALIGNMENTS

It is possible to construct the proposed 230,000 volt transmission line along any combination of the following roadways from a physical and engineering standpoint. However, the land use, visual, and economic considerations make these alignments less favorable than the Preferred Alignment.

- 25 1/2 Road - 5.0' additional right-of-way outside 77' road width classification.
- F Road - No additional right-of-way outside 100' road width classification
- West Pinyon Avenue - 6.0' additional right-of-way outside 77' road width classification
- 24 1/2 Road - 5.0' additional right-of-way outside 77' road width classification
- Industrial Blvd. - 6.0' additional right-of-way outside 55' road width classification
- Areas without road right-of-way - 75.0' right-of-way

DEVELOPMENT SCHEDULE

The Development Schedule for these facilities include the following activities:

Horizon 230,000 Volt Transmission Line

- Survey Specific Alignment/Legal Descriptions-- January, 1983-March 15, 1983
- Complete Engineering----- February 1, 1983-May 1, 1983
- Negotiations and Acquisition of Right-of-Way-- February 15, 1983-June 15, 1983
- Construction----- August 1, 1983-October 1, 1983

Every effort is being made to overlap these activities in order to complete this project as soon as possible.

ANALYSIS OF ALTERNATIVES

Preferred Alignment: The proposed alignment along F 1/2 Road and 25 Road to the South was selected for land use, engineering, and economic reasons.

From a land use standpoint, the majority of the adjacent uses are industrial and commercial, the route is more direct and therefore affects fewer landowners; approximately 32 easements will be required. Also, the use of fewer angles will result in reduced visibility. From an engineering aspect, the Preferred Alignment is located farther from the existing radio towers in the area, thus reducing the possibility that towers will interfere with radio signals. The use of fewer angle structures also reduces the cost of the line. The cost of the project, if constructed on the Preferred Alignment, is estimated to be approximately \$1,498,625.00.

Alternate Alignments: It is possible from all engineering considerations to construct the proposed transmission line along any of the routes designated as an Alternate Alignment. The Alternate Alignments are not as suitable as the Preferred Alignment because of the following concerns:

1) 25 1/2 Road to West Pinyon Avenue to 25 Road:

- Proximity to KEXO Radio Tower along 25 1/2 Road North of F Road.
- Additional angle structures at F Road and along West Pinyon Avenue.
- Residential land uses and school along 25 1/2 Road South of F Road.
- Approximately 27 easements will be required.
- Increased cost \$214,685.00.

2) 25 1/2 Road to F Road to 25 Road:

- Proximity to KEXO Radio Tower along 25 1/2 Road North of F Road.
- Additional angle structures.
- Residential land uses along F Road.
- Approximately 31 easements will be required.
- Increased cost \$211,465.00.

3) 25 1/2 Road to F Road to 25 Road to Industrial Blvd. to 24 1/2 Road

- Same concern as No. 2 above.
- Unrestricted traffic flow on Industrial Blvd.
- Proximity to KWSL Radio Tower on Industrial Blvd.
- Construction along 24 1/2 Road would require an electrical outage at Mesa Mall as only distribution feeder to Mall is located here.
- Right-of-way concerns at U. S. Highway 6 & 50.
- Approximately 34 easements will be required.
- Increased cost \$ 250,085.00 plus figures for distribution outage/underbuild.

*regardless
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preferred?*

4) 25 1/2 Road to F Road to 24 1/2 Road:

- Same concern as No.'s 2 and 3 above.
- Approximately 27 easements will be required.
- Increased cost \$158,555.00 plus figures for distribution outage/underbuild.

5) F 1/2 Road to 25 Road to Industrial Blvd. to 24 1/2 Road:

- Same concern as No. 3 above.
- Approximately 32 easements will be required.
- Increased cost \$23,085.00 plus figures for distribution outage/underbuild.

6) F 1/2 Road to 25 Road to F Road to 24 1/2 Road:

- Same concern as No. 4 above.
- Approximately 27 easements will be required.
- Increased cost \$45,455.00 plus figures for distribution outage/underbuild.

GRAND JUNCTION CONVERSION

The present planning for the conversion of the existing 69,000 volt transmission lines and substations to 230,000 volts will include the following:

1. 230,000 volt line from Cameo to Fruita with the potential for a future 230,000 volt line into the Clifton area.
2. A 230,000 volt line from Fruita to Horizon. This may utilize a portion of the structures on the Cameo-Fruita line.
- *3. A 230,000 volt line from Horizon Substation to Grand Junction Substation, passing near Redlands.
4. A 230,000 volt line from Grand Junction Substation to Meridian Substation.
5. A 230,000 volt line from Meridian Substation to Colorado Ute - Grand Junction Substation.

* (The Preferred Alignment herein applied for.)

The system will be completed by the construction of Colorado Ute's 345,000 volt transmission line from its Grand Junction Substation near Palisade to its Rifle Substation. If the 345,000 volt line is not constructed, a 230,000 volt transmission line from the Cameo Steam Plant to Colorado Ute's Grand Junction Substation will be required.

The Fruita, Grand Junction and Meridian Substations will be converted from 69-13 kV to 230-13 kV substations. Redlands Substation will be converted to 230,000 volts at a future date, and a new substation is anticipated in the Clifton area. Garfield Substation will continue to operate at 69-13 kV by tapping the 69,000 volt line owned and operated by Grand Valley Rural Power Lines, Inc.

The Development Schedule for these facilities will include the following activities:

GRAND JUNCTION CONVERSION

Preliminary meetings with BLM, Grand Junction and Mesa County-----October, 1982-November, 1982

Preparation of Environmental Assessment and City and County applications-----December, 1982-August, 1983

Public workshop meetings-----April, 1983-May, 1983

Submittal and Environmental Assessment to BLM--September, 1983

Submittal of City and County applications-----September, 1983

Review period and public hearing-----September, 1983-December, 1983

Surveying, Engineering, Acquisition and Construction-----January, 1984-December, 1986

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LEGAL DESCRIPTIONS

PREFERRED ALIGNMENT

The proposed 230,000 volt transmission line will tap the existing Fruita Substation to Redlands Substation transmission line at a point Northwest of Redlands Substation near the center of Section 16, Township 1 South, Range 1 West of the Ute Meridian; thence North approximately 1800 feet to a point near the East-West centerline of the NE 1/4 of said Section 16; thence East approximately 2400 feet to a point on the East side of Dike Road and on the Southwest bank of the Colorado River; thence northwesterly approximately 1400 feet parallel to Dike Road and the Colorado River to a point in the NE 1/4 NE 1/4 of said Section 16; thence northeasterly approximately 1000 feet across the Colorado River to a point in the SW 1/4 SW 1/4 of Section 10, Township 1 South, Range 1 West of the Ute Meridian and on the East side of 25 Road extended; thence North approximately 1 1/2 miles along the East side of 25 Road to a point on the South side of F 1/2 Road in the NW 1/4 SW 1/4 of Section 3, Township 1 South, Range 1 West of the Ute Meridian; thence East approximately 2640 feet along the South side of F 1/2 Road to the Horizon Substation located in the NE 1/4 SW 1/4 of said Section 3.

ALTERNATE ALIGNMENTS

North-South alternate alignments include a route on the East side of 24 1/2 Road extended to the South, South of U. S. Highway 6 & 50 to the Fruita-Redlands transmission line; and North along the East side of 24 1/2 Road to F Road; a route along the East side of 25 1/2 Road between West Pinyon Avenue and F Road; and along the West side of 25 1/2 Road between F Road and F 1/2 Road.

East-West alternate alignments include a route along Industrial Boulevard between 24 1/2 Road and 25 Road; a route along the North side of West Pinyon Avenue between 25 Road and 25 1/2 Road; and a route along the South side of F Road between 24 1/2 Road and 25 Road, and on to 25 1/2 Road.

RESPONSE TO SPECIAL USE CRITERIA SHEET

1. Does the location of the use benefit existing facilities?

The proposed facilities have been located to meet the increasing electrical demands created by new developments in the northern and western portions of Grand Junction and unincorporated areas of Mesa County. The existing transmission and substation facilities are inadequate to meet the electric needs and demands of the community particularly when portions of the system are out of service due to scheduled maintenance or unscheduled repairs. The proposed facilities will provide increased capacity and reliability to meet the peak electric demands of our customers on an uninterrupted basis.

All Public Service Company electric facilities are designed, constructed, operated and maintained to meet or exceed all applicable standards of design and performance set forth in local, state and national codes. The right-of-way requirement for a 230,000 volt line is established by the National Electric Safety Code and is designed to provide safe distances from the line to any object or structure along the line route which could cause a hazard to the safe operation and maintenance of the line. Vertical clearances at all crossings of transportation facilities; i.e. railroads, Interstate highways, County roads, City streets and any other areas where vehicular use may occur, are also established by the National Electric Safety Code and will be adhered to or exceeded by Public Service Company in the construction of the proposed facility.

Substations are secured by an eight foot (8') high chain link fence and three-strand barbed wire outrigger. The fences and equipment are grounded to a buried metal grid system which provides the substations with an adequate ground to protect the electrical power system. Public Service Company installs automatic and instantaneous breaker devices on both transmission lines and distribution feeders.

All Public Service Company transmission lines and substations are patrolled periodically to detect wear or damaged equipment. All Company Operations and Engineering personnel receive safety training for emergency situations.

3. Is the location of the use appropriate to the classification of the street or road on which it is located?

The selected alignment for the proposed transmission line is along existing roads, to the extent possible, as required in the Conditional Use Permit for Horizon Neighborhood Electric Substation and is in keeping with Article II, Section 1 of Grand Junction Ordinance No. 32 which grants a franchise to Public Service Company of Colorado to operate within the City of Grand Junction. The Preferred Alignment is also compatible with the classification and zoning of the uses along 25 Road in the City and Mesa County.

The proposed facilities will not cause any damage to streets or roads. Congestion on streets and roads will be minimal during construction and infrequent during any future outages or maintenance operations.

4. Does the proposed use make provision for regular periodic peak usages?

The proposed facilities have been designed to provide electric service to meet the peak demands as determined by 20 year forecasts.

5. Could there be adverse impacts on natural resource and wildlife habitat areas and can these impacts be mitigated?

The proposed transmission line will cross sand and gravel operations South of the Colorado River. The Preferred Alignment has been coordinated with the owners of the gravel operations. The specific structure locations and span clearances will also be coordinated with the owners so their operations are not affected.

There are no designated wildlife habitats along the proposed alignments. The Walter Walker Wildlife Refuge is approximately two (2) miles West of any of the proposed alignments.

6. Do safety considerations require special fencing and signage?

Refer to response to #2 above. In addition, "DANGER HIGH VOLTAGE" signs are placed on substation fences.

All Public Service Company facilities are designed, constructed, operated and maintained to meet or exceed all applicable standards of design and performance set forth in the National Electric Safety Code. Such design, construction, operation, and maintenance procedures have resulted in no known biological effects on humans. Numerous studies and public hearings have been conducted concerning the effects of high voltage electric fields. The recurring conclusion has been that there is no evidence of biological effects associated with such fields. The majority of these reports and hearings have involved voltages much higher than the voltage of the proposed facility. A sample list of references follows:

- "Medical Evaluation of Man Working in AC Electric-Fields", W. B. Kouwenhoven, Fellow IEEE, O. R. Langworthy, M. L. Singewalt, and G. G. Knickerbocker, Member IEEE, IEEE Transactions on Power Apparatus and Systems, Volume PAS-86, No. 4, April, 1967.
- Paper T73 154-2, "Medical Follow-Up Study of High Voltage Linemen Working in AC Electric Fields", M. L. Singewalt, M.D., O. R. Langworthy, M.D., W. B. Kouwenhoven, Dr. Ingr, M.D. (Hon.), Fellow IEEE, the John Hopkins University, manuscript submitted September 29, 1972, made available for printing November 30, 1972.
- "Long Term Exposure To Electric Field A Cross-Sectional Epidemiologic Investigation of Occupationally Exposed Workers In High Voltage Substations", by B. Knave, M.D., F. Gamberale, Ph. D., S. Bergstrom, E.E., E. Birke, M.Sc., A. Iregren, M. Sc., B. Kolmodin-Hedman, M. D., and A. Wenneberg, M. D. (Sweden), paper submitted to Study Committee 36 (Interference) and published at the request of the Chairman of the Committee, Mr. A. J. Personen, Electra, No. 65.
- "Excerpts From A Report To The Canadian Electrical Association Research and Development Department Research Contract #78-89".
- "High Voltage Overhead", by Morton W. Miller and Gary E. Kaufman, Environment, Volume 20, No. 1, January/February, 1978.
- "Excerpts, State of New York Public Service Commission, Cases 26529 and 26559 Recommended Decision of the Administrative Law Judges On The Health and Safety Effects of 765 kV Transmission Lines (Combined Record Proceeding)", recommended decision by Administrative Law Judges Thomas R. Matias and Harold L. Colbeth, January 16, 1978.
- "Analysis of Health Risks Associated With High Voltage Transmission Lines", by Sol M. Michaelson.

- "Review of Developments In Determining The Influence of Power Frequency Electric Fields On Biological Systems", EPRI, EA-1123, Vol. 1.

7. Is there a multiple use capacity and how might it be utilized?

Multiple use capacity of the proposed transmission line could possibly include use by the City of Grand Junction "...for the purpose of hanging traffic signals or signs, or installing wires or for any other reasonable City use..." as provided for in Article II, Section 5 of Ordinance No. 32 referenced above.

8. Will the proposed use cause unusual damage or congestion on streets and roads and how may this be mitigated?

The proposed facilities will not cause any damage to streets or roads. Congestion on streets and roads will be minimal during construction and infrequent during any future outages or maintenance operations.

9. Are prevailing wind factors such as to cause adverse impacts from the proposed location of the use?

All transmission structures are designed to meet or exceed the "Heavy Loading Conditions" of the National Electric Safety Code (1/2" ice, 4 pounds wind, 0° Fahrenheit).

10. Are soil and geologic suitability adequate?

Soil and geologic conditions are investigated at structure locations so that the "Heavy Loading Conditions" of the National Electric Safety Code are met.

11. Is there a feasibility of recycling waste products?

Waste products will not be such that recycling is feasible.

12. Is proposed reclamation of the location and effects of the use adequate and what are the limitations of future uses on the reclaimed land?

The proposed transmission line will not involve the construction or upgrading of any road or road system. Disturbances will be limited to the actual structure locations and will be revegetated when construction is complete. Future use of the land included within the transmission right-of-way will be limited to those activities which do not pose safety problems in operating the line under the requirements of the National Electric Safety Code.

The following specifications will be implemented to reclaim all disturbed areas:

1. Lightly scarify the disturbed area with a rake or a disc set straight, depending on the size of the disturbance, topography and access.
2. Fertilizer will be surface applied evenly at the rate of 100 pounds (bulk)/acre (33-0-0) and 100 pounds (bulk)/acre (18-46-0).
3. The following seed mix will be broadcast uniformly at the rate of 20 pounds pure live seed/acre and lightly raked into the soil.

Crested Wheatgrass	20% proportion by weight
Intermediate Wheatgrass	35% proportion by weight
Russian Wild Rye	10% proportion by weight
Manchar Smooth Brome	35% proportion by weight

4. Native hay mulch will be evenly applied by hand or by a straw blower at the rate of 1000 pounds/acre and crimped into the soil with a shovel or by lightly discing, with the disc set straight.
13. Are accumulations of unusable unrecyclable materials properly disposed of?

All crates, boxes, bands, reels, lagging, wrapping, wire pieces, and other material or equipment waste of every kind will be cleaned up and properly disposed of when the construction activities are complete. All light material which might be spread by the wind will be cleaned up and disposed of on a daily basis.

14. Is there a need for the facility on a community wide basis?

The proposed 230,000 volt transmission line and Horizon Neighborhood Electric Substation are required in order that electricity can be provided to all of our customers when it is needed. Recent residential, commercial, and industrial growth and annexations in Grand Junction, particularly the northwestern and northern portions, have overloaded the existing transmission lines and substations. The demands on the local electric system have been growing at a rate of 9-10% per year and are projected to continue to grow at 6% per year through the year 2000. This is based on a trend line forecast determined by the mean of the historic and forecast electrical growth. The forecast includes information from demand reports recorded in the substations, transmission line loading data, monthly statistical analysis reports, actual and committed growth, as well as a degree of intuitive planning. Actual growth includes developments such as the Mesa Mall, Safeway and Albertson stores, the Valley Plaza, hotels and restaurants near the airport - such as the Rodeway Inn and Hilton Inn - and an increase in building permits for single and multi-family homes. Neither Public Service Company's nor Grand Valley's existing electric systems have the ability to continue to provide the degree of reliable electric service all the utilities' customers in Grand Junction and Mesa County demand.

Therefore, the Horizon Neighborhood Substation and the transmission line must be completed and in-service as soon as possible in order to provide relief to the existing substations. These proposed facilities are so critical that serious voltage problems will occur and periodic curtailments of electrical service may be required if the Horizon Neighborhood Electric Substation is not in service as planned. The up-grading of this system has been jointly designed with Colorado Ute Electric Association and will be beneficial to the Grand Valley Rural Power Line's system as well as Public Service Company's.

15. Have water retention areas and mosquito/pest control been adequately addressed?

There are no water retention areas associated with this project.

FLOOD HAZARD REPORT

Application for a Flood Plain Development Permit will be submitted to Mesa County once a Conditional Use Permit for a Specific Alignment is approved by Mesa County. The submittal requirements for the Flood Plain Development Permit can be met only after the specific route is surveyed, transmission engineering is completed to determine pole locations and conductor heights, and soil borings are obtained to determine foundation design requirements and construction techniques.

Generally, the transmission structures will be set above the anticipated elevation of a 100 year flood event on the industrial zoned land North of the Colorado River, and on the dikes South of the Colorado River. In the event that a structure must be located within the area designated as the 100 Year Flood Plain, the foundations will be constructed to an elevation approximately five (5) feet above the 100 Year Flood Plain elevation. In any case, the proposed structures will be sited and designed to eliminate the possibility of any damage from a 100 year flood event.

Construction of the proposed 230,000 volt transmission line will not involve the storage of any materials within the 100 Year Flood Plain; there will be no watercourse alterations or relocations; there will be no effects on adjoining upstream or downstream properties; and there are no floatables associated with the proposed structures.

The proposed transmission line will be located within the street and road rights-of-way as provided for in Article II, Section 1 of Ordinance No.32 which grants a franchise to Public Service Company of Colorado to operate within the City of Grand Junction. The following additional rights-of-way will be required:

PREFERRED ALIGNMENT

- Double circuit construction on F1/2 Road - 31.0' additional right-of-way
- Single circuit construction on 25 Road - 5.0' additional right-of-way outside 77' road width classification
- Single circuit construction in areas without road right-of-way - 75.0' right-of-way

ALTERNATE ALIGNMENTS

- 25 1/2 Road - 5.0' additional right-of-way outside 77' road width classification
- F Road - No additional right-of-way outside 100' road width classification
- West Pinyon Avenue - 6.0' additional right-of-way outside 77' road width classification
- 24 1/2 Road - 5.0' additional right-of-way outside 77' road width classification
- Industrial Blvd. - 6.0' additional right-of-way outside 55' road width classification
- Areas without road right-of-way - 75.0' right-of-way

Subject to the granting of the Conditional Use Permit herein applied for, the Company will initiate negotiations to acquire the necessary easements. Should negotiations through normal procedures be unsuccessful, the Company has the power of eminent domain to acquire the required land rights (C.R.S. 1973, 38-5-105).

NAMES AND ADDRESS

OF

PROPERTY OWNERS WITHIN 300'

PREFERRED ALIGNMENT

David K. Howard
5909 E. 38th Ave.
Denver, CO 80207

N. J. Temple
750 Main Street
Grand Junction, CO 81501

Colorado State Highway Dept.
4201 E. Arkansas Ave.
Denver, CO 80222

Irving Biers
935 Northern Way
Grand Junction, CO 81501

Blue Sky Investments
c/o Craig G. Colley
572 29 3/8 Road
Grand Junction, CO 81501

Delbert F. & Edna W. Wanzer
2520 F 1/2 Road
Grand Junction, CO 81501

Bessie F. Stemple
2522 F1/2 Road
Grand Junction, CO 81501

Country Glen Association
1666 S. University Blvd.
Denver, CO 80201

Mountain States Tel. & Tel.
519 Grand Avenue
Grand Junction, CO 81501

Colorado West Improvements, Inc.
P. O. Box 1330
Grand Junction, CO 81501

Mesa County Sheriff's Posse
P. O. Box 1386
Grand Junction, CO 80502

Comtronics Cable TV, Inc.
5840 So. Memorial - #313
Tulsa, OK 74145

1480 Welton, Inc.
P. O. Box 840
Denver, CO 80201

Brighton Associates
599 25 Road
Grand Junction, CO 81501

H.R.B. Partnership
P. O. Box 1509
Grand Junction, CO 81501

P.D.C. Investments
c/o Robert Hiron, Inc.
P. O. Box 2026
Grand Junction, CO 81502

William S. Dawson
P. O. Box 3737
Grand Junction, CO 81502

Granite Construction Co.
585 W. Beach
Watsonville, CA 85076

Cormack Drilling Company
592 25 Road
Grand Junction, CO 81501

Nicor Drilling Company
c/o Raymond B. Kelley
590 1/2 25 Road
Grand Junction, CO 81501

Jack O. & Mary Leach
2158 K Road
Grand Junction, CO 81501

Denver & Rio Grande Western RR
1515 Arapahoe Street
Denver, CO 80202

Jack D. Muller
592 25 Road
Grand Junction, CO 81501

Ervin E. & Jillene L. Graham
580 25 Road
Grand Junction, CO 81501

G & R Builders
2467 Commerce Blvd.
Grand Junction, CO 81501

Binkley & Sons Painting
c/o Gary Binkley
2957 North Avenue
Grand Junction, CO 81501

W.A. & D.A. Summers
578 25 Road
Grand Junction, CO 81501

L. E. & J. L. Hyland
554 29 1/4 Road
Grand Junction, CO 81501

Myrle & Georgia Rumsey
1935 Broadway
Grand Junction, CO 81501

H. & A. Jensen
c/o Amy L. Mischel
107 Country Club Park
Grand Junction, CO 81503

Ute Water Conservation District 560 25 Road Grand Junction, CO 81501	Howard & Avane11 Jensen 439 Meadows Way Grand Junction, CO 81503	Charles Kohles 1155 Lakeside Dr. Grand Junction, CO 81501
Harry L. & Shirley V. McCrary 1946 N. 20th St. Grand Junction, CO 80501	Garrett Freightlines, Inc. 2055 Garrett Way Pocatello, Idaho 83201	Roy Gamble 200 W. Ouray Ave. Grand Junction, CO 81501
Armco Steel Company 1001 Grove St. Middletown, Ohio 45042	Modern Enterprises, Inc. P. O. Box 1880 Pueblo, CO 81002	Kedco Investments P. O. Box 2003 Grand Junction, CO 81502
George P. & V.A. Giller 1554 Independent Ave. Grand Junction, CO 81501	A.F.J. Ltd. c/o Edward A. Armstrong P. O. Box 1681 Grand Junction, CO 81502	The Preston Corp. 159 Colorado Ave. Grand Junction, CO 81501
Redco 2676 Paradise Drive Grand Junction, CO 81501	United Sand & Gravel Company P. O. Box 476 Grand Junction, CO 81502	City of Grand Junction 559 White Avenue, Room 60 Grand Junction, CO 81502
Dioncio & Erma Martinez 274 Montana Road Grand Junction, CO 81503	Steve & Pablo C. Vigil 1935 Palisade St. Grand Junction, CO 81503	Dorothy Galvan 2972 D 1/2 Road Grand Junction, CO 81501
Franklin & E. Renteria 272 Montana Road Grand Junction, CO 81503	William J. & Ella Simmons 277 Montana Road Grand Junction, CO 81503	Whitewater Building Materials P. O. Box 1769 Grand Junction, CO 81502
William J. & Ella Simmons 277 Montana Road Grand Junction, CO 81503	Beatrice Pacheco 259 Montana Road Grand Junction, CO 81503	James A. & Rose M. Martinez Rt. 2, Box 60 Thoreau, New Mexico 87323
Marie M. Kaufholtz 645 24 1/2 Road Grand Junction, CO 81501	W.C. & L.M. Irvin c/O Farley & Irvin 3004 Rood Ave. Grand Junction, CO 81501	Donald & Marie Dillingham 342 McFry Road Grand Junction, CO 81503
Anna M. McFry 417 Rosevale Road Grand Junction, CO 81503	Earl M. McFry 633 Ft. Uncompahgre Grand Junction, CO 81501	Leland & Vernell Kaufholtz 645 24 1/2 Road Grand Junction, CO 81501

Western Slope Quality Homes, Inc. P. O. Box 2652 Grand Junction, CO 81502	Raymond A. Norris 328 Lake Road Grand Junction, CO 81501	Ervin O. & S.E. John 316 Lake Road Grand Junction, CO 81501
Bennie T. Brown 318 Lake Road Grand Junction, CO 81503	Chris & Martha Marquez 195 Montana Road Grand Junction, CO 81503	John J. & Joan Chadez 1210 Hermosa Ave. Grand Junction, CO 81501
Joe & P.M. Lopez 260 Montana Road Grand Junction, CO 81503	Dorothy Galvan 2972 D 1/2 Road Grand Junction, CO 81501	James Garrett 130 Canary Lane Grand Junction, CO 81501
Danny Marin P. O. Box 1180 Grand Junction, CO 81501	Christine M. Szymcsak 419 Sandstone Grand Junction, CO 81503	Carol Flowers 504 2nd Avenue Brandon, South Dakota 57005
Patrick G. & Jacquelyn A. Moran 623 26 Road Grand Junction, CO 81501	Richard Barrie Davis 647 25 Road Grand Junction, CO 81501	Lavonne L. Heidel 647 25 Road Grand Junction, CO 81501
G. Garcia 625 25 Road Grand Junction, CO 81501	Urban L. & Matilda Garcia 625 25 Road Grand Junction, CO 81501	Curtis B. Lashbrook 2526 G. Road Grand Junction, CO 81501
J & J Enterprises P. O. Box 2966 Grand Junction, CO 81501	Bernard F. & Hazel L. Wier 619 25 Road Grand Junction, CO 81501	Nobel C. Bruster 147 Bruster Road Grand Junction, CO 81501
James H. Mackley & George White 125 Bookcliff Ave. Grand Junction, CO 81501	Nick & Linda Sanborn 2496 Commerce Blvd. Grand Junction, CO 81501	Mary Lou Reed 2700 G. Road Grand Junction, CO 81501
Nick & Linda Sanborn 428 Rio Vista Grand Junction, CO 81503	E. C. Huff 2010 N. 4th St. Grand Junction, CO 81501	Russel R. & E.J. Beecham 330 Ridgewood Lane Grand Junction, CO 81503
Oil Well Perforators P. O. Box 24047 Grand Junction, CO	Tidewater Realty 1440 Canal St., Suite 2100 New Orleans, LA 70112	Frank Wagner 323 Mayfair Dr. Grand Junction, CO 81503

Los Muleros
601 Valley Federal Plaza
Grand Junction, CO 81501

Technical Surveys Company,
575 25 Road
Grand Junction, CO 81501

Sherman E. & Lynn S. Robinson
721 Galaxy Drive
Grand Junction, CO 81501

R. E. & Rita Z. Grogan
P. O. Box 401
Grand Junction, CO 81502

Louis & J. C. Pavetti
2480 Hwy. 6 & 50
Grand Junction, CO 81503

Neal Lord, Trustee for D. Broome
719 Daniel Drive
Grand Junction, CO

Metro Oil Products, Inc.
85 W. 21st Street
Salt Lake City, Utah 84115

Mendel E. & L. Silzell
2492 Independent Ave.
Grand Junction, CO 81501

Ben F. Carnes
444 White Avenue
Grand Junction, CO 81501

Preston Corp.
c/o William Knoch & Lee
Kopanos
159 Colorado Avenue
Grand Junction, CO 81501

Wickers Corp.
c/o Michael McPhee
1010 2nd Ave.
San Diego, CA 92101

NAMES AND ADDRESS
OF
PROPERTY OWNERS WITHIN 300'
ALTERNATE ALIGNMENTS

Frank P. & Martha J. Foraker
2559 F 1/2 Road
Grand Junction, CO 81501

P.H. Management, Inc.
P. O. Box 2026
Grand Junction, CO 81501

Carl A. Dewey
2554 F 1/2 Road
Grand Junction, CO 81501

Wilma A. Miller
2554 F Road
Grand Junction, CO 81501

Jeannie Mullin
740 Glenwood Ave.
Grand Junction, CO 81501

Western Broadcasting Company
P. O. Box 1359
Ft. Smith, Arkansas 72902

Kenneth M. & Hilda L. Hetzel
10314 Kingswood Circle
Sun City, Arizona 85351

Martha J. Wright
2559 F 1/2 Road
Grand Junction, CO 81501

1480 Welton, Inc.
P. O. Box 840
Denver, CO 80201

Colorado West Improvements, Inc.
P. O. Box 1330
Grand Junction, CO 81502

United States Postal Service
Real Estate & Buildings
P. O. Box 2039
Denver, CO 80201-2039

Mesa County Valley Sch. Dist. 51
636 Walnut Avenue
Grand Junction, CO 81501

Grand Junction Fire Station
330 So. 6th St.
Grand Junction, CO 81501

Monument Little League
553 25 1/2 Road
Grand Junction, CO 81501

Max A. & H. Krey
2015 Overlook Drive
Grand Junction, CO 81501

Robert F. Burford
585 25 1/2 Road
Grand Junction, CO 81501

Fred J. & Cora B. Simpson
589 25 1/2 Road
Grand Junction, CO 81501

Holly Plaza Development
c/o Andrew Peroulis
516 28 Road
Grand Junction, CO 81501

Hurst F. & Phyllis J. Otto
2678 Capra Way
Grand Junction, CO 81501

Loyal Order of The Moose
Grand Junction Lodge 70
Grand Junction, CO 81501

Geraldine M. & Raymond Phipps
1633 Crestview Ct.
Grand Junction, CO 81501

Gerald M. Greenberg
c/o E.C.D. Company
50 So. Havana
Aurora, CO 80012

Gus Halandras
c/o Pavlakis & Company
516 28 Road
Grand Junction, CO 81501

Dorothy Bauman
585 25 1/2 Road
Grand Junction, CO 81501

W. R. Hall
2518 Highways 6 & 50
Grand Junction, CO 81501

John M. & Bonnie G. Harris
602 Meander Ave.
Grand Junction, CO 81501

Harry L. & Shirley V. McCrary
1946 N. 20th St.
Grand Junction, CO 81501

Garrett Freightlines, Inc.
2055 Garrett Way
Pocatello, Idaho 83201

Roy Gamble
200 W. Ouray Ave.
Grand Junction, CO 81501

Raymond R. & Betty D. Angell
3313 Northridge Drive
Grand Junction, CO 81501

Armco Steel Company
1001 Groove St.
Middletown, Ohio 45042

Modern Enterprises, Inc.
P. O. Box 1880
Pueblo, CO 81002

Kedco Investments
P. O. Box 2003
Grand Junction, CO 81502

George P. & Y.A. Giller
1554 Independent Ave.
Grand Junction, CO 81501

John W. Starks
12537 State Highway 82
Carbondale, CO 81623

A.F.J.Ltd.
P. O. Box 1681
Grand Junction, CO 81502

Denver & Rio Grande Railroad
1515 Arapahoe St.
Denver, CO 80202

The Preston Corp.
159 Colorado Avenue
Grand Junction, CO 81501

Redco
2676 Paradise Dr.
Grand Junction, CO 81501

Dale Broome & Neal Lord
Trustee for D. Broome
719 Daniel Dr.
Grand Junction, CO 81501

Ben F. Carnes
444 White Ave.
Grand Junction, CO 81501

United Sand & Gravel Co.
P. O. Box 476
Grand Junction, CO 81502

City of Grand Junction
559 White Ave.
Grand Junction, CO 81501

Dioncio & Erma Martinez
274 Montana Rd.
Grand Junction, CO 81503

Steve & Pablo C. Vigil
1935 Palisade St.
Grand Junction, CO 81503

Dorothy Galvan
2972 D 1/2 Road
Grand Junction, CO 81501

Franklin & E. Renteria
272 Montana Rd.
Grand Junction, CO 81503

William J. & E. Simmons
277 Montana Rd.
Grand Junction, CO 81503

Whitewater Building Materials
P. O. Box 1769
Grand Junction, CO 81502

Denis M. Kelleher
3981 So. Benton St.
Denver, CO 80235

James A. & Rose M. Martinez
Route 2, Box 60
Thoreau, New Mexico 87323

Joe & P.M. Lopez
260 Montana Rd.
Grand Junction, CO 81503

John J. & Joan Chadez
1210 Hermosa Ave.
Grand Junction, CO 81501

Nicor Drilling Company
c/o Raymond Kelley
590 1/2 25 Road
Grand Junction, CO 81501

Bennie T. Brown
318 Lake Rd.
Grand Junction, CO 81503

Ervin O. & S.E. John
316 Lake Rd.
Grand Junction, CO 81503

Raymond A. Norris
328 Lake Rd.
Grand Junction, CO 81503

Leland L. & Vernell O.
Kaufholtz
645 24 1/2 Rd.
Grand Junction, CO 81501

Earl M. McFry
633 Ft. Uncompahgre
Grand Junction, Co 81501

Anna M. McFry
417 Rosevale R.d
Grand Junction, CO 81503

G & R Builders
H.W. & J. L. Brown
2467 Commerce Blvd.
Grand Junction, CO 81501

Country Glen Associates
1666 So. University Blvd.
Denver, CO 802

Mountain States Tel. & Tel.
519 Grand Ave.
Grand Junction, CO 81501

Granite Construction Co.
585 W. Beach
Watsonville, CA 95076

Mesa County Sheriff's Posse
P. O. Box 386
Grand Junction, CO 81502

Eberline Instruments Corp.
Thermo Electron Corp.
101 1st Ave., P.O. Box 459
Waltham, MA 02254

Ervin E. & Jillene L. Graham
580 25 Road
Grand Junction, CO 81501

Irvin Biers
935 Northern Way
Grand Junction, CO 81501

Delbert F. & Edna E. Wanzer
2520 F 1/2 Road
Grand Junction, CO 81501

Bessie F. Stemple
2522 F 1/2 Road
Grand Junction, CO 81501

Comtronics Cable TV, Inc.
5840 So. Memorial, Room 313
Tulsa, OK 74145

Craig G. Colley
dba Bluesky Investments
572 29 3/8 Road
Grand Junction, CO 81501

Brighton Associates
599 25 Road
Grand Junction, CO 81501

H.R.B. Partnership
P. O. Box 1509
Grand Junction, CO 81502

Patrick G. & Jacquelyn A. Moran
623 26 Road
Grand Junction, CO 81501

Richard Barrie Davis
647 25 Road
Grand Junction, CO 81501

Lavonne L. Heidel
647 25 Road
Grand Junction, CO 81501

Tim W. Garcia
625 25 Road
Grand Junction, CO 81501

Urban L. & Matilda Garcia
625 25 Road
Grand Junction, CO 81501

Curtis B. Lashbrook
2526 G Road
Grand Junction, CO 81501

Charles G. Kohles
c/o FarWest Enterprises
599 Northgate Drive
Grand Junction, CO 81501

Bernard F. & Hazel L. Weir
619 25 Road
Grand Junction, CO 81501

Howard & Avenell Jensen
c/o Amy L. Mischel
2158 McKinley Ct.
Grand Junction, CO 81503

Wayne A. & D.A. Summers
578 25 Road
Grand Junction, CO 81501

Jack O. & Mary Leach
2158 K Road
Grand Junction, CO 81501

Jack D. Muller
592 25 Road
Grand Junction, CO 81501

Carmack Drilling Company
592 25 Road
Grand Junction, CO 81501

William S. Dawson
P. O. Box 3737
Grand Junction, CO 81502

Mary Lou Reed
2700 G Road
Grand Junction, CO 81501

Leo E. & Joan L. Hyland
554 29 1/4 Road
Grand Junction, CO 81501

J. J. Enterprises
P. O. Box 2966
Grand Junction, CO 81501

U. S. Bank Trustee
Sterry Trust
P. O. Box 908
Grand Junction, CO 81502

Ben Carnes
212 Country Club Park
Grand Junction, CO 81503

T. L. Benson, Inc.
925 Lakewide Ct.
Grand Junction, CO 81501

Audre L. Ball
2472 F Road
Grand Junction, CO 81501

Louis L. & Darla D. Ward
and K. G. Groves
2470 F Road
Grand Junction, CO 81501

Jerry J. Cooper
2473 I Road
Grand Junction, CO 81501

Franklin C. Lamm
2587 G 1/2 Road
Grand Junction, CO 81501

Regg & Company
c/o William C. Liefers
2040 Skyline Drive
Grand Junction, CO 81501

Clifton L. & Tula Ann Mays
2486 Commerce Blvd.
Grand Junction, CO 81501

R.O.I. Properties
2518 N. 7th St.
Grand Junction, CO 81501

Rodney G. & Linda E. Huskey
184 Sunlight Drive
Grand Junction, CO 81501

Granite Construction Company
585 W. Beach
Watsonville, CA 95076

T.M.D. Investments
315 N. 3rd
Grand Junction, CO 81501

Western Federal S & L
H. T. Puckett
700 17th Street
Denver, CO 80202

Mesa Broadcasting Company
P. O. Box 340
Grand Junction, CO 81502

Mesa Mini-Mall Properties
c/o Robert Hirons
1000 N. 9th Street
Grand Junction, CO 81501

Nobel C. & A. L. Bruster
147 Bruster Road
Grand Junction, CO 81503

Glen R. & Josie A. Green
2708 F Road
Grand Junction, CO 81501

James W. Mackley & George White
125 Bookcliff Ave.
Grand Junction, CO 81501

Nick & Linda M. Sanborn
2496 Commerce Blvd.
Grand Junction, CO 81501

Security Self Storage
P. O. Box 751
Grand Junction, CO 81502

C. Mays Concrete Construction
2486 Commerce Blvd.
Grand Junction, CO 81501

Betty Richards
2547 River Road
Grand Junction, CO 81501

Max C. & Jeannine Kendall
120 Hillcrest Manor
Grand Junction, CO 81501

P.D.C. Investments
P. O. Box 1073
Grand Junction, CO 81502

Chris & Martha Marquez
195 Montana Rd.
Grand Junction, CO 81503

Marie M. Kaufholtz
645 24 1/2 Road
Grand Junction, CO 81501

Beatrice Pacheco
259 Montana R.d
Grand Junction, CO 81503

Los Muleros
601 Valley Federal Plaze
Grand Junction, CO 81501

Technical Surveys Co.
575 25 Road
Grand Junction, CO 81501

Sherman E. & Lynn S. Robinson
721 Galaxy Dr.
Grand Junction, CO 81501

R. E. & Rita Z. Grogan
P. O. Box 401
Grand Junction, CO 81502

Louis & J. C. Pavetti
2480 Highway 6 & 50
Grand Junction, CO 81501

Glynn & Norman Brock
2073 Broadway
Grand Junction, CO 81503

Wickers Corp.
c/o M. McPhee
7010 2nd Avenue
San Diego, CA 92101

Metro Oil Products, Inc.
85 W. 21st St.
Salt Lake City, Utah 84115

Western Slope Quality Homes, Inc.
P.O. Box 2652
Grand Junction, CO 81502

Donald G. & Marie Dillingham
342 McFry Road
Grand Junction, CO 81503

Mendel E. & L. Silzell
2492 Independent Ave.
Grand Junction, CO 81501

Myrle & Georgia B. Rumsey
1935 Broadway
Grand Junction, CO 81503

Charles Kohles
1155 Lakeside Dr.
Grand Junction, CO 81501

Binkley & Sons Painting
c/o Gary Binkley
2957 North Ave.
Grand Junction, CO 81501

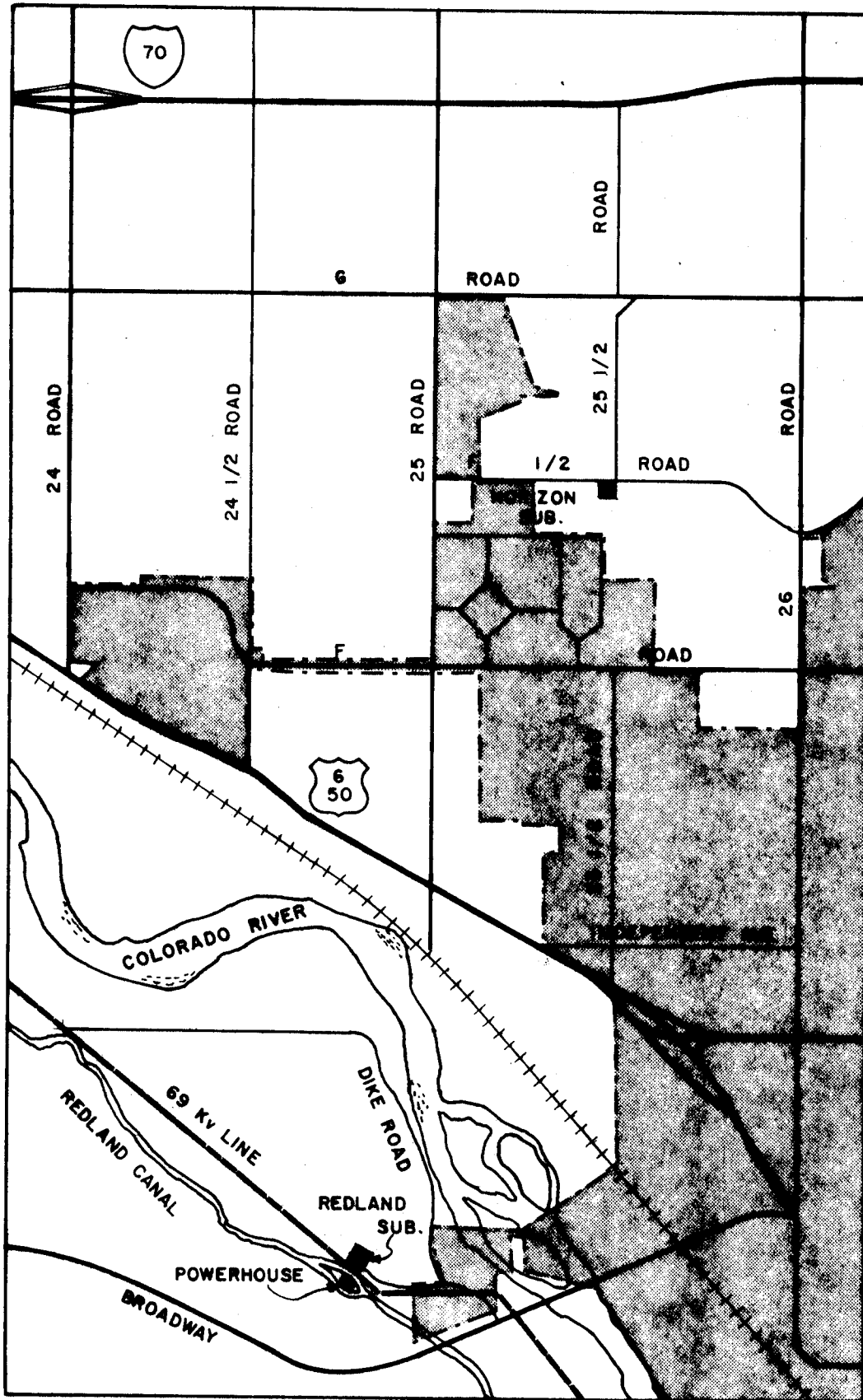
W.C. & L.M. Irvin
c/o Farley & Irvin
3004 Rood Ave.
Grand Junction, CO 81501

FLOOD HAZARD REPORT

Application for a Flood Plain Development Permit will be submitted to Mesa County once a Conditional Use Permit for a Specific Alignment is approved by Mesa County. The submittal requirements for the Flood Plain Development Permit can be met only after the specific route is surveyed, transmission engineering is completed to determine pole locations and conductor heights, and soil borings are obtained to determine foundation design requirements and construction techniques.

Generally, the transmission structures will be set above the anticipated elevation of a 100 year flood event on the industrial zoned land North of the Colorado River, and on the dikes South of the Colorado River. In the event that a structure must be located within the area designated as the 100 Year Flood Plain, the foundations will be constructed to an elevation approximately five (5) feet above the 100 Year Flood Plain elevation. In any case, the proposed structures will be sited and designed to eliminate the possibility of any damage from a 100 year flood event.

Construction of the proposed 230,000 volt transmission line will not involve the storage of any materials within the 100 Year Flood Plain; there will be no watercourse alterations or relocations; there will be no effects on adjoining upstream or downstream properties; and there are no floatables associated with the proposed structures.

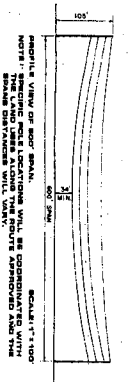
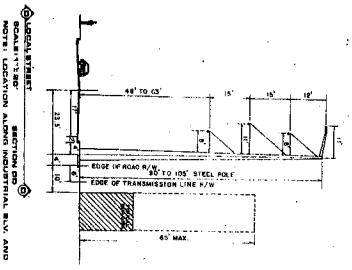
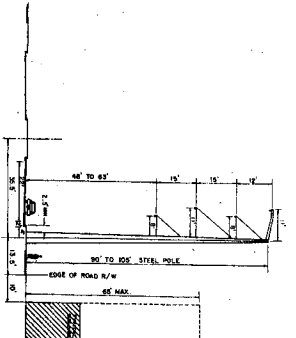
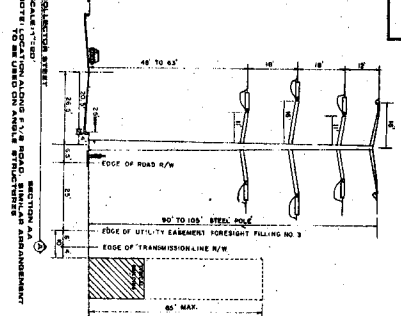
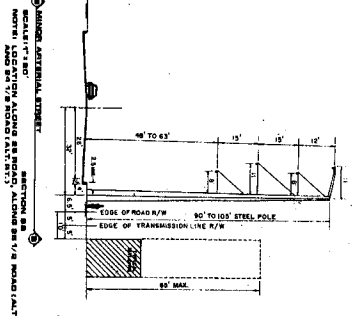
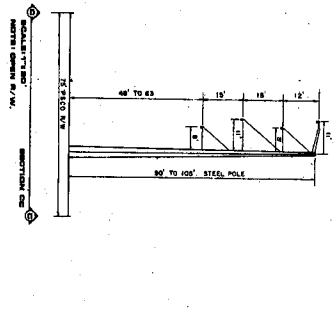
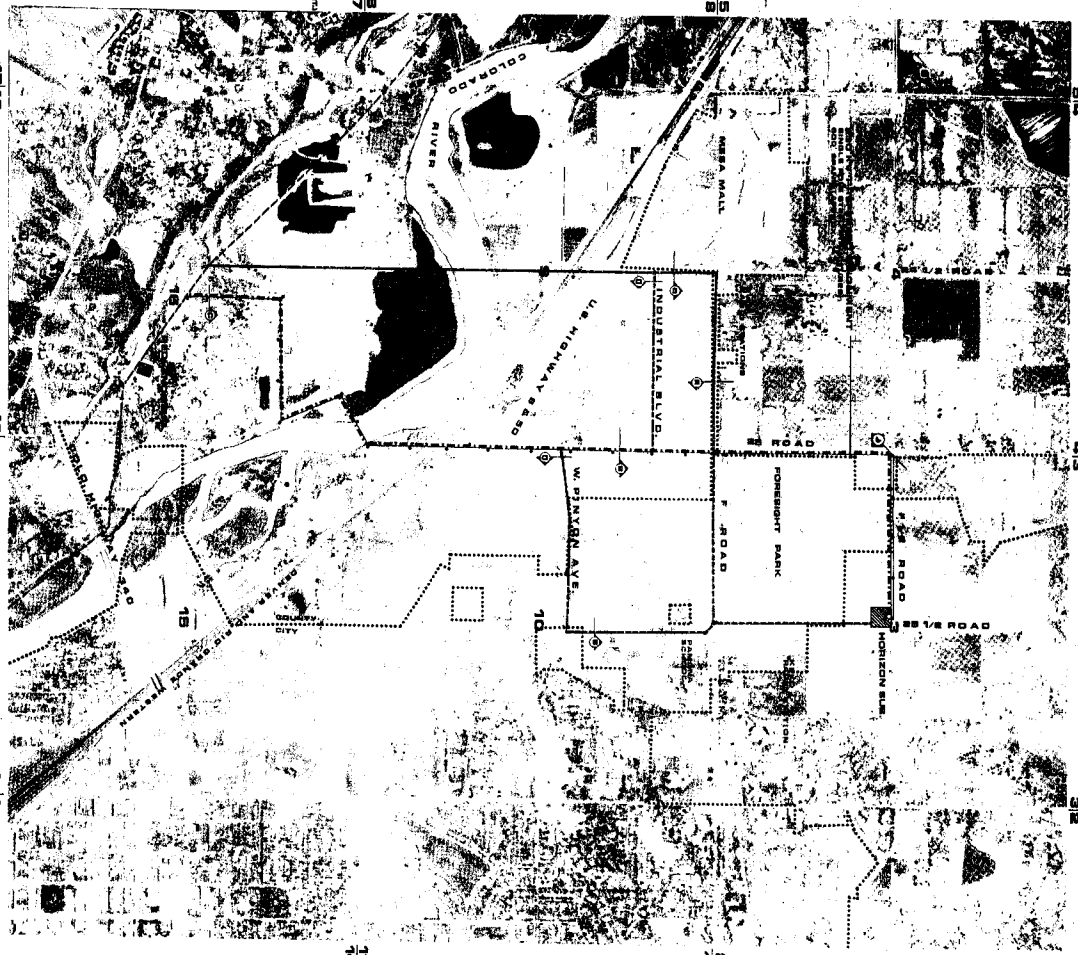


SCALE:
1" = 2300'

HORIZON 230 KV TAP
LOCATION AND VICINITY MAP



REDUCTION OF PLAN



HORIZON 330KV TAP
PLAN - PROPOSED AND ALTERNATE ALIGNMENTS

<table border="1"> <tr> <td>DATE</td> <td>BY</td> <td>CHK.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	DATE	BY	CHK.				<table border="1"> <tr> <td>NO.</td> <td>DATE</td> <td>BY</td> <td>CHK.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	BY	CHK.					<table border="1"> <tr> <td>REVISION</td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	REVISION				<table border="1"> <tr> <td>APPROVALS</td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	APPROVALS												<table border="1"> <tr> <td>REF. NO.</td> <td>REF.</td> <td>TITLE</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REF. NO.	REF.	TITLE							<table border="1"> <tr> <td>DATE</td> <td>BY</td> <td>CHK.</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	DATE	BY	CHK.			
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APPROVALS																																																		
REF. NO.	REF.	TITLE																																																
DATE	BY	CHK.																																																



Acres _____ File No. _____
 Units _____ **conditional use** Zone _____
 Density _____ Tax Parcel Number _____

Activity PUBLIC SERVICE CO. - POWER LINE - 25 ROAD
 Phase ON THE NORTH,
 Common Location 25 ROAD FROM FAPESIGHT PARK, AND CROSSING COL. RIVER - REYNOLDS POWER LINE ON THE SOUTH

Date Submitted _____ Date Mailed Out _____ Date Posted _____
 Day Review Period _____ Return by _____ MCC Information Sent _____

(X) dont need BB

Date Adjacent Property Owners Notified of MCP/LUPC _____ Date Adjacent Property Owners Notified of MCC/CT _____

review agencies	A	B	C	D	E	F	G	H	I	J	K	L	M	X	O	N	R	S	X	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	FF	GG	
Development Dept.																																	
County Road																																	
County Health																																	
County Surveyor																																	
County Parks/Recreation																																	
County Engineer																																	
Transportation Engineer																																	
City Engineer Z sets																																	
City Utilities																																	
City Parks/Recreation																																	
City Police Dept.																																	
County Sheriff																																	
Floodplain Administration																																	
Comprehensive Planning																																	
G.J. Dept. of Energy																																	
Fire City																																	
Irrigation																																	
Drainage																																	
Water (Use, Clifton)																																	
Sewer																																	
G.V. Rural Power																																	
Mountain Bell																																	
Public Service (sets)																																	
Soil Conservation																																	
State Highway Dept.																																	
State Geological																																	
State Health Dept.																																	
Transamerica																																	
Water & Power Resources																																	
Mack, Mess, Coll. Palisade, Fruit, DeBour, G.J. Mess City.																																	
OTHER:																																	
MCP (12)																																	
MCC (6)																																	

totals

BOARDS	DATE

STAFF 12/1/82 PRE APP CONF. - LARRY KEITH, PS. CO., ET AL.
 KARL METWER, BOB WOLDIN, FRANK AROU WALL, B. BOESCHENSTEN

Will pay 265⁰⁰ at submittal.

Open Space Dedication (acreage) _____ \$ O. S. Fee Required \$ _____ Paid Receipt # _____
 Recording Fee Required \$ _____ Paid (Date) _____ Date Recorded _____
 Date Resolution Mailed _____



CITY - COUNTY PLANNING

grand junction-mesa county 559 white ave. rm. 60 grand jct.,colo. 8150

(303) 244-1628

October 27, 1982

Mr. Larry E. Keith
Public Service Company of Colorado
5909 East 38th Avenue
Denver, Colorado 80207

RE: Conditional Use Permit - 25 Road Power Line

Dear Sir:

At a regular meeting of the Mesa County Commissioners on October 26, 1982, the attached resolution denying a conditional use permit for the proposed 25 Road power line was passed unanimously.

By denying the conditional use permit, the County Commissioners recognized the need for additional service, but feel that the 25 Road corridor is not the best route for this line.

Our staff will work cooperatively with your company to develop an alternative route. Please contact Ray Gronwall of our staff for more information.

Sincerely,

Bennett Boeschstein
County Planning Director

BB/mm

xc: Joseph H. Skinner; Kelly, Stansfield & O'Donnell
Mesa County Commissioners
Curt Wiedeman

October 26, 1982
Regular Meeting of the
Mesa County Board of Commissioners

Public Service Company Item presented to the Board of County Commissioners
by Ray Gronwall/Kurt Luhrs, Planning

RICK ENSTROM MOVED, MAXINE ALBERS SECONDED, AND MOTION UNANIMOUSLY CARRIED, TO DENY THE PETITION OF THE PUBLIC SERVICE COMPANY OF COLORADO TO LOCATE A 230 KILOVOLT LINE DOWN THE 25 ROAD CORRIDOR BASED ON OVERWHELMING NEIGHBORHOOD OPPOSITION, AND IN THE BELIEF THAT A BETTER CORRIDOR COULD BE ESTABLISHED FOR THE TRANSMISSION LINE; AND BELIEF THAT PUBLIC SERVICE COMPANY, AT THIS TIME, SHOULD COORDINATE AND MAKE A GOOD FAITH EFFORT TO WORK WITH THE COUNTY PLANNING DEPARTMENT STAFF; AND THAT PUBLIC SERVICE HAS NOT MADE A GOOD FAITH EFFORT TO SEEK OTHER ALTERNATIVES THAT THE COUNTY IS DESIROUS OF; AND REQUESTS AT THIS TIME THAT PUBLIC SERVICE COMPANY SEEK ANOTHER CORRIDOR FOR THAT LINE.



CITY - COUNTY PLANNING

grand junction-mesa county 559 white ave. rm. 60 grand jct.,colo. 81501

(303) 244-1628

March 21, 1983

Public Service Company
Mr. Larry Keith
P.O. Box 840
Denver, CO 80201

Dear Mr. Keith:

Public Service Company requested a conditional use for a transmission line in the County and was given approval with conditions on March 8, 1983, by the County Commissioners.

Public Service Company also requested a special use for a transmission line within the City of Grand Junction. The approval of the special use application is dependent, in part, on the conditional use approval conditions.

The City hereby grants approval for the transmission line application with the following conditions:

- 1) All work associated with the transmission line be completed within (2) two years of the County conditional use approval.
- 2) The granting of the special use does not necessarily approve the concept for the Public Service Master Plan.
- 3) The pole locations, once established, be verified as acceptable with the appropriate agencies.
- 4) The guard barriers around the poles be acceptable to all agencies.
- 5) Any work will be done in conjunction with the R.O.W. design and or construction of 25 Road.
- 6) Any additional R.O.W. that may be necessary be acquired by Public Service Company with the necessary easements, deeds etc., given to the city.

Letter to Mr. Larry Keith
March 21, 1983
Page 2

Any modification or change to the plan as approved will constitute a re-review by this department. If you have any questions, please contact this office.

Thank you for your cooperation.

Sincerely,



Bob Goldin
Senior City Planner

BG/vw

xc: Bennett Boeschenstein
File #55-82



Public Service
Company of Colorado
5909 E. 38th Ave.
Denver, CO 80207

July 26, 1985

Mr. Karl Metzner
Director of Planning
City of Grand Junction
250 North Fifth Street
Grand Junction, Colorado 81501

Re: Grand Junction 230kV Conversion Project

Dear Mr. Metzner:

I am taking this opportunity to advise you that I am now coordinating all activities relating to the 230kV transmission line project. All inquiries and correspondence should be sent to me or you may call me. My telephone number in Denver is 329-1554.

The current status of the project is as follows:

Colorado Ute's Grand Junction Substation to Clifton Substation

- . The centerline survey has been completed and legal descriptions prepared.
- . A draft Plan of Development has been submitted to the BLM for that portion of the line on public lands.
- . The Decision Record is in the BLM State Offices for review and execution.
- . Plan and Profile sheets are being prepared.
- . Pole sizes and locations are being finalized.
- . Anticipated date to commence right-of-way acquisition is August 15, 1985.
- . Construction of the line is scheduled to begin on January 3, 1986.

Clifton Substation to Grand Junction Substation

- . Centerline survey is 90% complete.

Mr. Karl Metzner
July 26, 1985
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Grand Junction Substation - Horizon Substation Segment

- . Landowners have been notified of the resurvey along the existing 69kV Line.

Horizon - Fruita Segment

- . Work continues on the analysis of data compiled from field measurements taken in May 1985. Impedances of the various types of equipment connected to the railroad tracks has been calculated, if not measured directly.
- . The assembled data and the physical layout of the D.&R.G.W.R.R. system is being used to develop "equivalent circuit" or computer models to analyze the D.&R.G.W.R.R. system with the new line included.
- . Anticipated date for a recommended mitigation is the end of September, 1985.

Cameo-Fruita Segment

- . Angle points have been located on public lands which will allow us to proceed with the cultural resource surveys along the route.
- . A whooping crane monitoring program is in progress to identify the migration pattern of the cranes.

For the remainder of the project, I intend to submit to you a quarterly status report of the project. Should you wish to discuss any aspect of the project in more detail, please feel free to contact me.

Sincerely,



John H. Muir
Senior Right-of-Way Agent
Architectural & Right-of-Way Department

JHM/ea