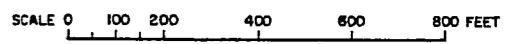


WINDY GAP DIVERSION DAM RES. AREA-CAPACITY CURVES

NOTE:
TOPOGRAPHIC MAPPING PREPARED BY HOGAN AND OLHAUSER ENGINEERS, LOVELAND, COLORADO

- REFERENCE DRAWINGS:
- WINDY GAP DIVERSION DAM & SPILLWAY - PLAN & SECTION JM-03-207
 - WINDY GAP PUMPING PLANT - SITE PLAN & PROFILE JM-03-208
 - WINDY GAP DIVERSION DAM - LOCATION OF BOREHOLES & SEISMIC LINES JM-03-231



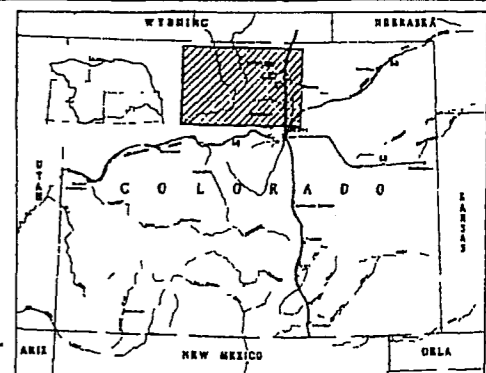
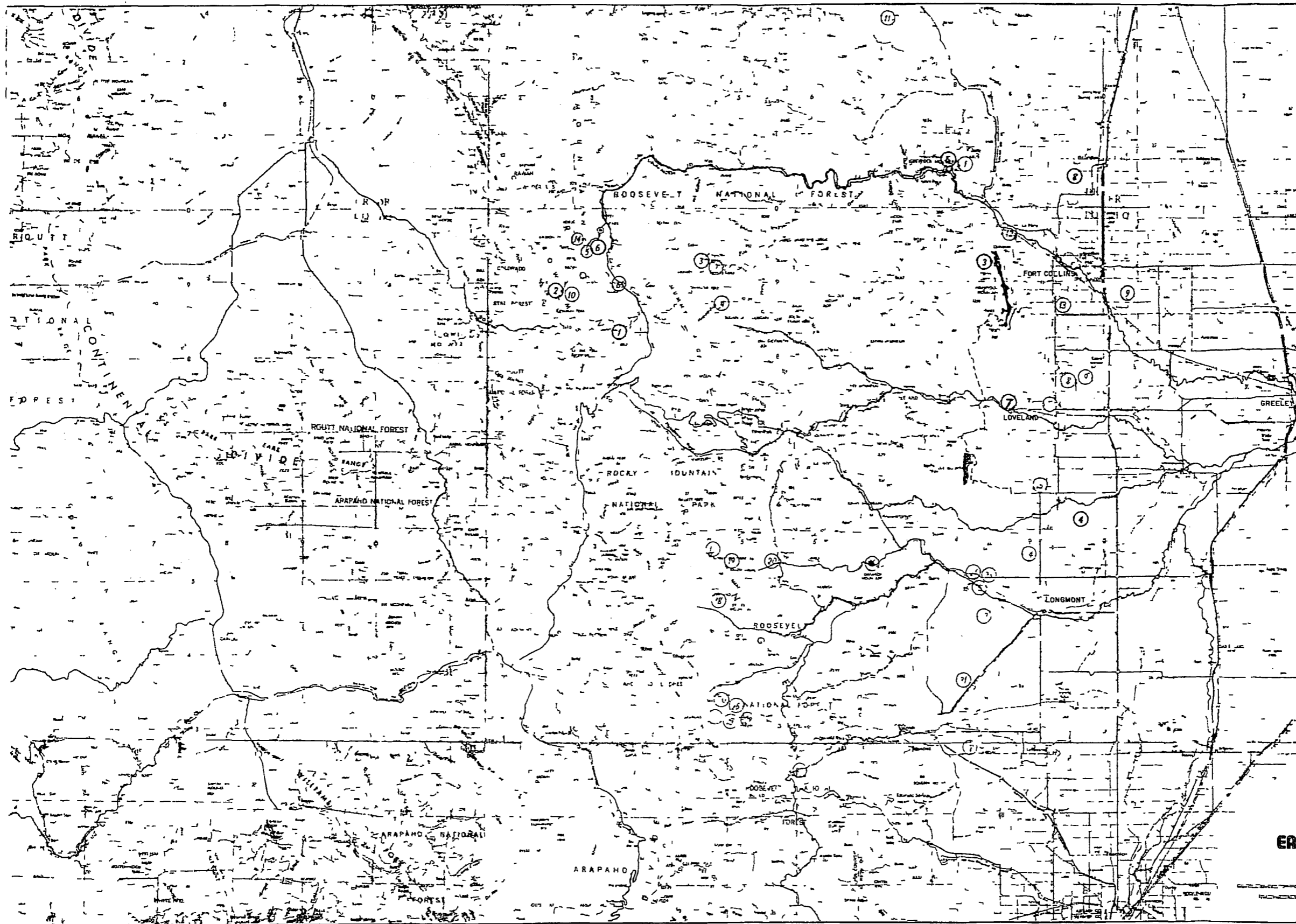
MUNICIPAL SUBDISTRICT
NORTHERN COLORADO WATER CONSERVANCY DISTRICT
WINDY GAP PROJECT
**WINDY GAP DIVERSION DAM
PLAN**

INTERNATIONAL ENGINEERING COMPANY, INC.

DESIGNED IECO	CHECKED <i>W.E. Co.</i>	APPROVED <i>[Signature]</i>
DRAWN NER	INSPECT <i>[Signature]</i>	RECOMMENDED <i>[Signature]</i>

DATE FEBRUARY 1976
DRAWING NO. **JM-03-206**

IECO
220 MONTGOMERY STREET
SAN FRANCISCO CALIFORNIA 94104



LEGEND

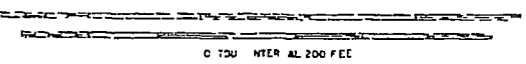
RAWHIDE EXCHANGE

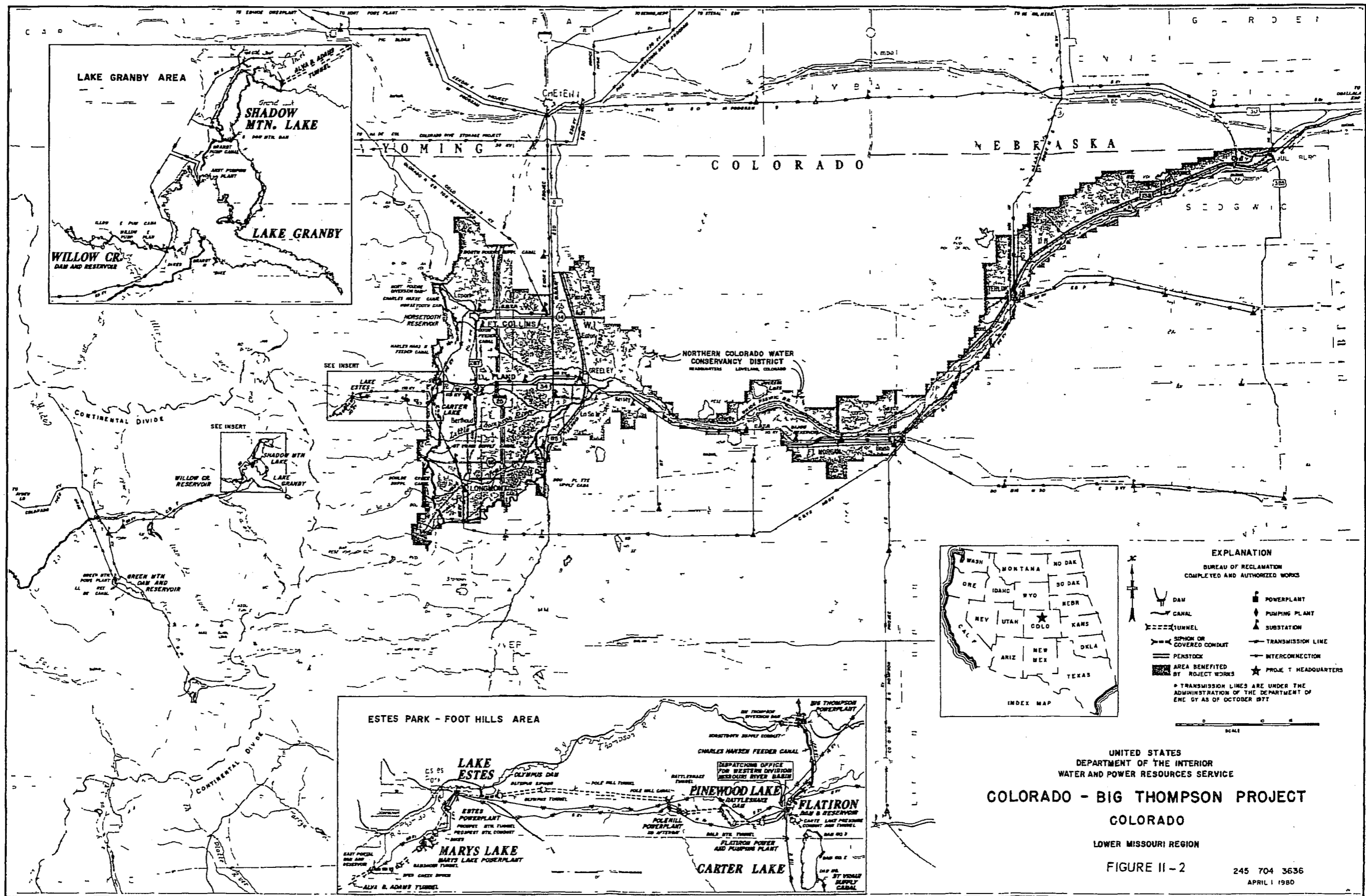
- ① LONG DRAW RESERVOIR
- ② JOE WRIGHT RESERVOIR
- ③ HORSETOOTH RESERVOIR
- ④ ROCKWELL RESERVOIR
- ⑤ SEAMAN RESERVOIR
- ⑥ BARNES MEADOW RESERVOIR
- ⑦ FOSSIL CREEK RESERVOIR
- ⑧ NORTH Poudre RESERVOIR #5 & 6
- ⑨ TIMNATH RESERVOIR

WINDY GAP EAST SLOPE STORAGE

- S M-Y RVC R
- D1 LASS LBI EGFR < D1 R
- VAN E RESE VCIR
- A14 AKE
- PARYS M AD W RES RVOIR
- 2 4 AC
- 1 4 - 3
- AC
- AR 1 ES 1 R
- ALL 4 EFF D1 1 P
- AVM F AC
- HADDEA AKE
- M AKE
- 12 NO DAM WA ED S DAG
- PODY RES RVOIR
- 1 5 D AV
- 2 PE D R
- 4 - 4
- M 1 1
- 1 BASIN RES RVOIR
- 1 2 1 1 E
- 1 4 5 1 A 1 P 5 E D R
- 1 1 1
- 1 4 5 1 1

FIGURE II-1
EAST SLOPE STORAGE AND EXCHANGE FACILITIES
 SCALE 250,000





EXPLANATION
BUREAU OF RECLAMATION
COMPLETED AND AUTHORIZED WORKS

* TRANSMISSION LINES ARE UNDER THE ADMINISTRATION OF THE DEPARTMENT OF ENERGY AS OF OCTOBER 1977

SCALE

UNITED STATES
DEPARTMENT OF THE INTERIOR
WATER AND POWER RESOURCES SERVICE
COLORADO - BIG THOMPSON PROJECT
COLORADO
LOWER MISSOURI REGION

FIGURE II - 2
245 704 3636
APRIL 1 1980

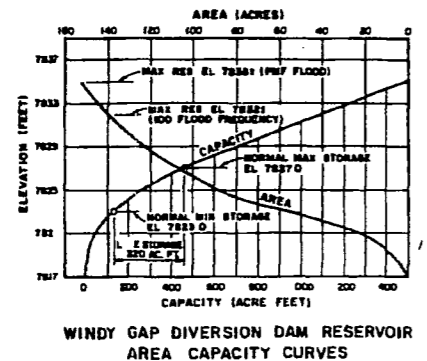
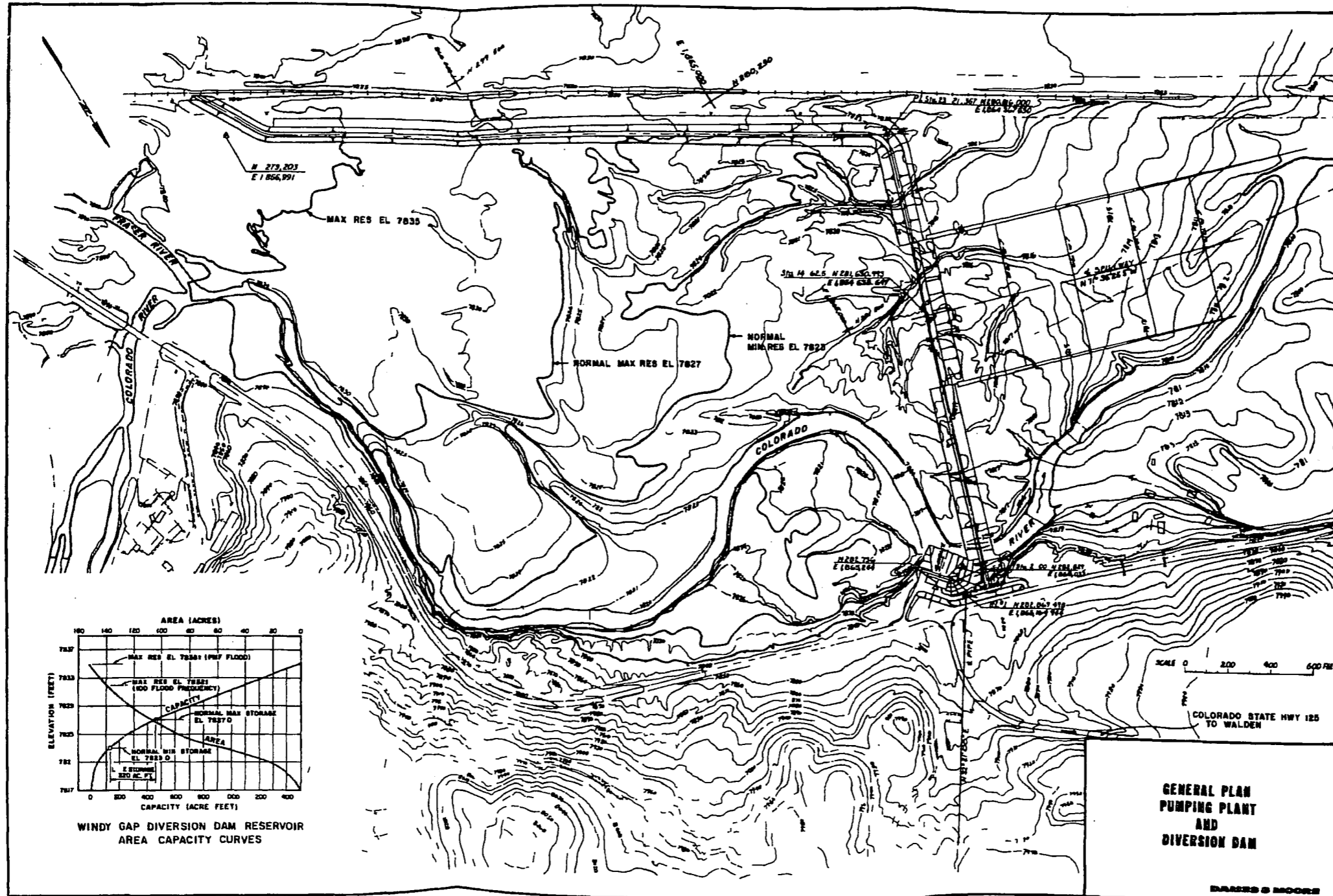


FIGURE II-4

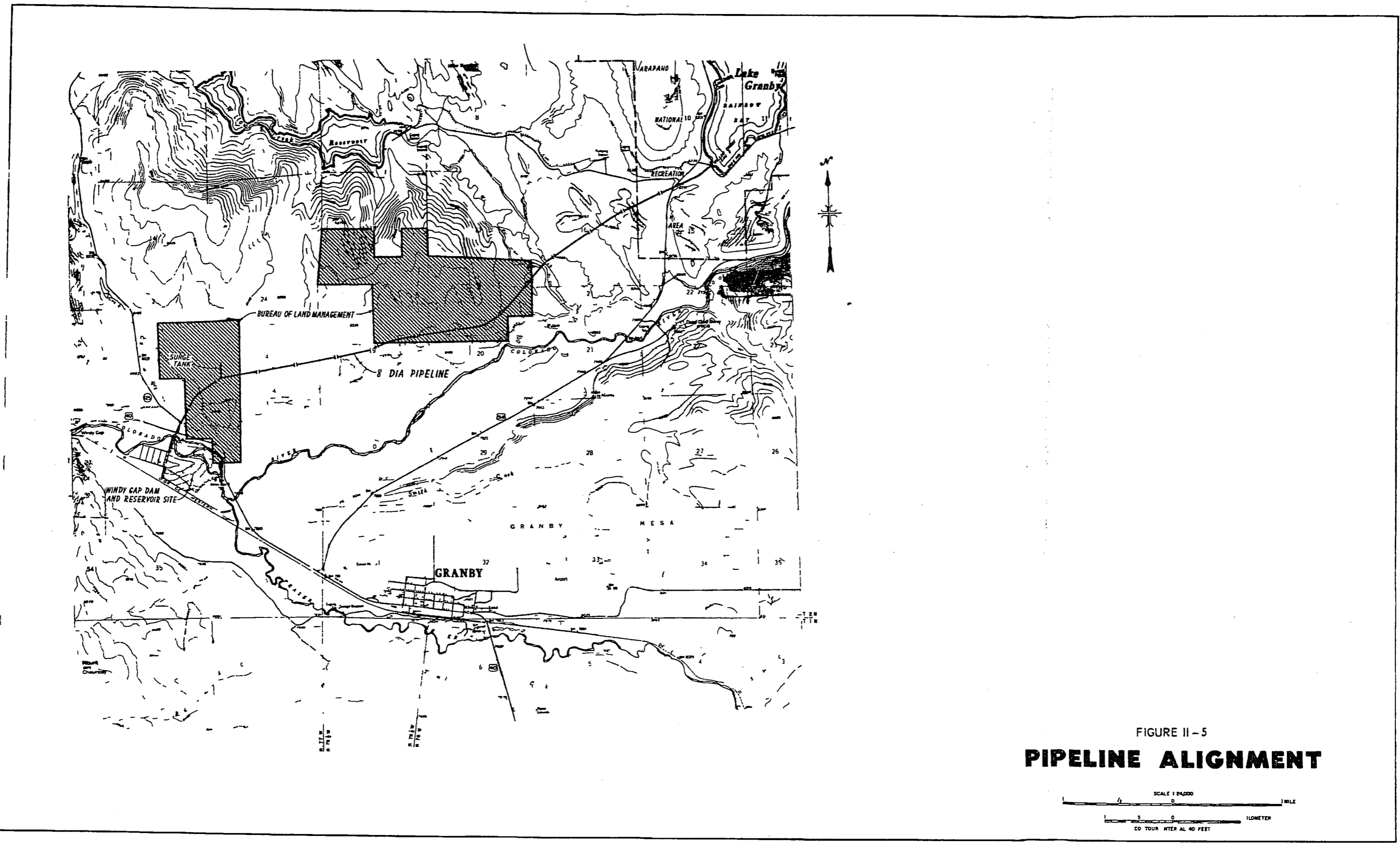
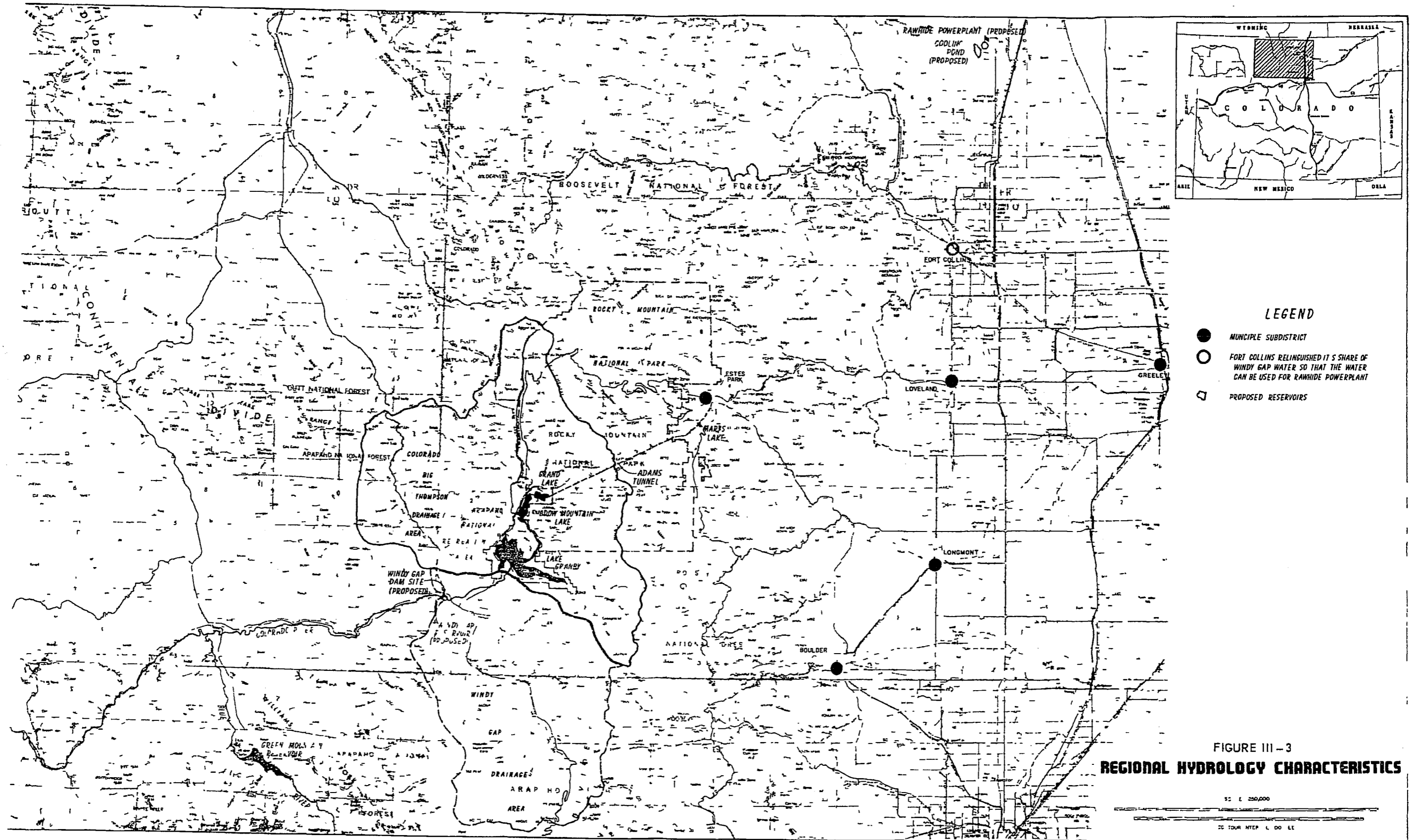
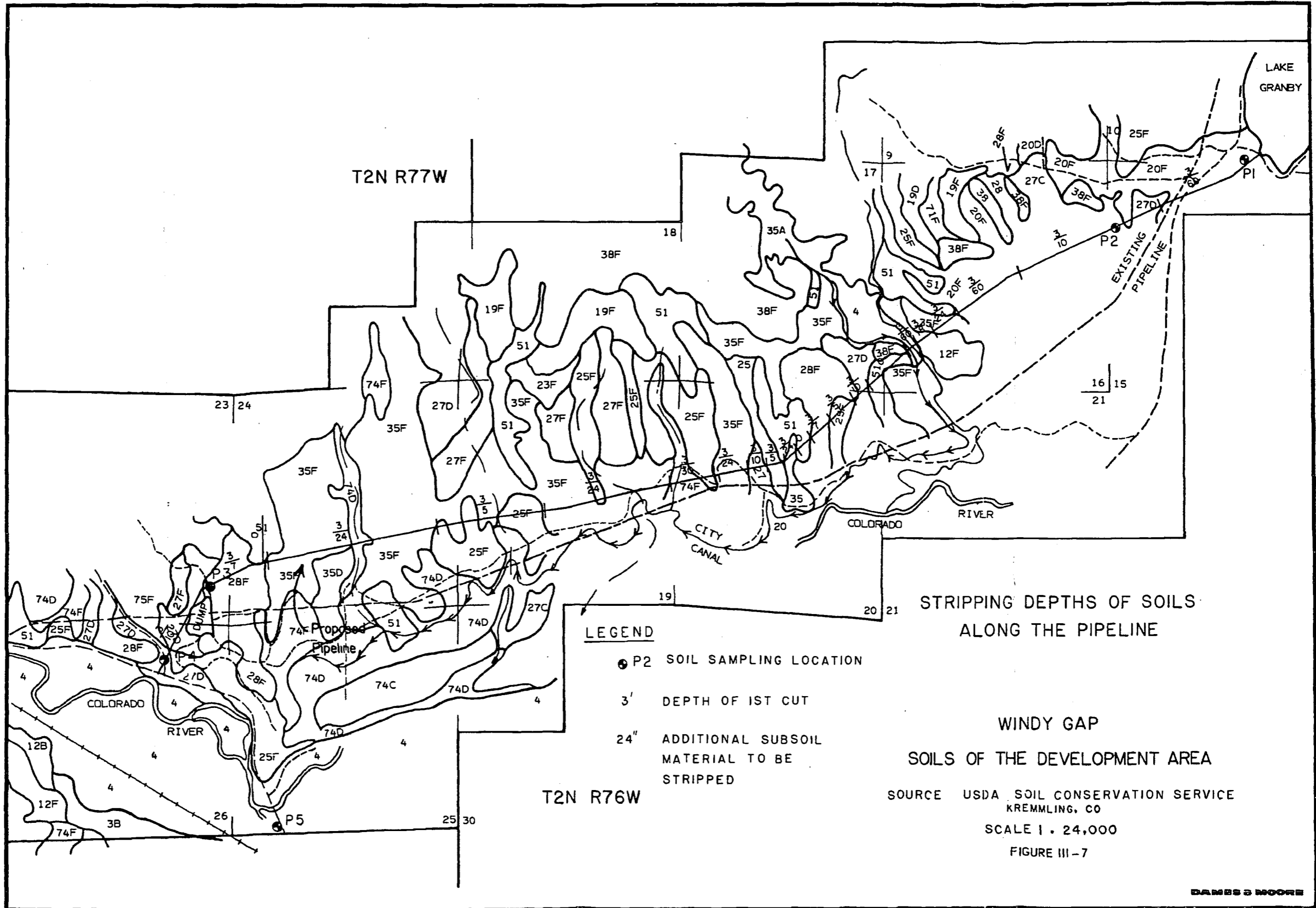
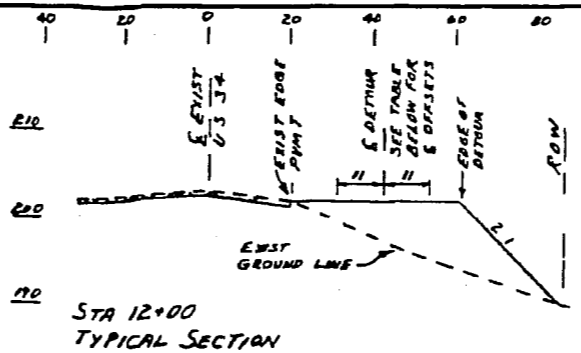
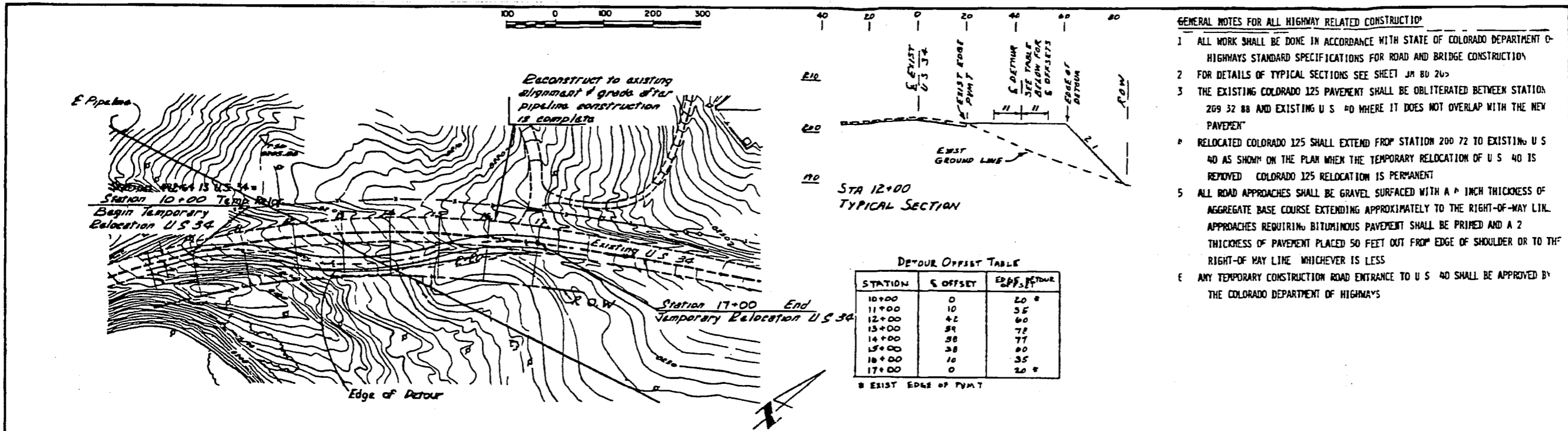


FIGURE II-5
PIPELINE ALIGNMENT







DETOUR OFFSET TABLE

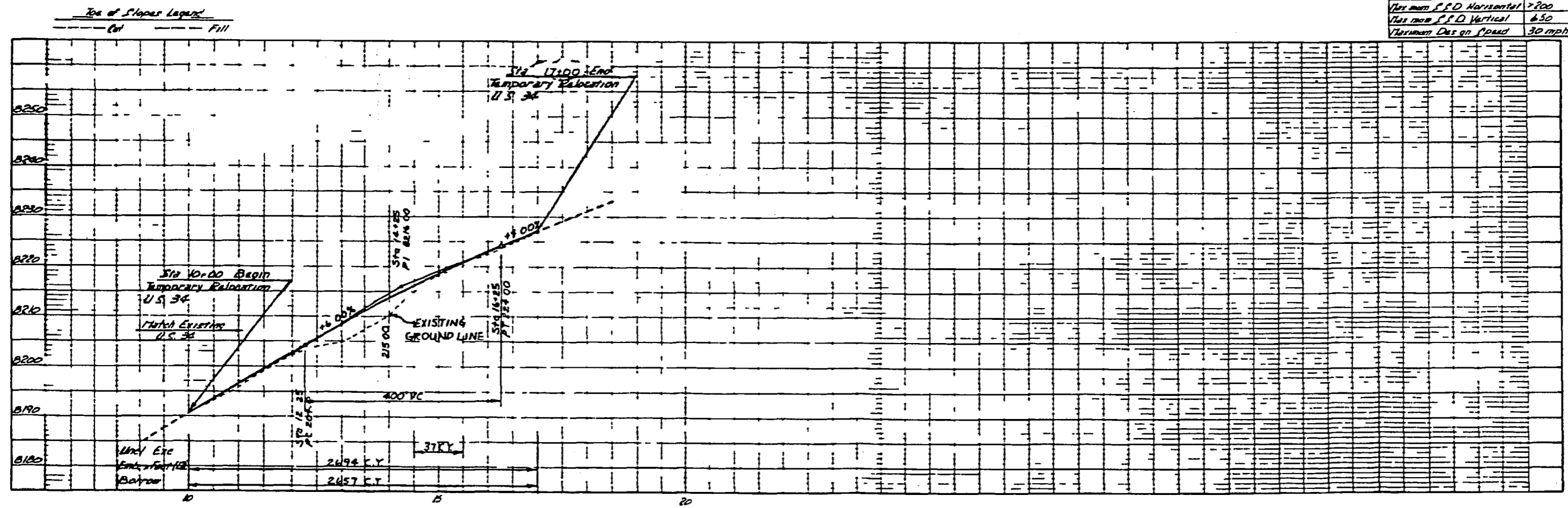
STATION	% OFFSET	EDGE OF DETOUR OFFSET
10+00	0	20'
11+00	10	35'
12+00	42	60'
13+00	59	77'
14+00	58	77'
15+00	38	60'
16+00	10	35'
17+00	0	20'

EXIST EDGE OF PAVT

- GENERAL NOTES FOR ALL HIGHWAY RELATED CONSTRUCTION:
- 1 ALL WORK SHALL BE DONE IN ACCORDANCE WITH STATE OF COLORADO DEPARTMENT OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 - 2 FOR DETAILS OF TYPICAL SECTIONS SEE SHEET JR 80 240
 - 3 THE EXISTING COLORADO 125 PAVEMENT SHALL BE OBLITERATED BETWEEN STATION 209 32 88 AND EXISTING U S 40 WHERE IT DOES NOT OVERLAP WITH THE NEW PAVEMENT
 - 4 RELOCATED COLORADO 125 SHALL EXTEND FROM STATION 200 72 TO EXISTING U S 40 AS SHOWN ON THE PLAN WHEN THE TEMPORARY RELOCATION OF U S 40 IS REMOVED COLORADO 125 RELOCATION IS PERMANENT
 - 5 ALL ROAD APPROACHES SHALL BE GRAVEL SURFACED WITH A 4 INCH THICKNESS OF AGGREGATE BASE COURSE EXTENDING APPROXIMATELY TO THE RIGHT-OF-WAY LINE. APPROACHES REQUIRING BITUMINOUS PAVEMENT SHALL BE PRIMED AND A 2 INCH THICKNESS OF PAVEMENT PLACED 50 FEET OUT FROM EDGE OF SHOULDER OR TO THE RIGHT-OF-WAY LINE WHICHEVER IS LESS
 - 6 ANY TEMPORARY CONSTRUCTION ROAD ENTRANCE TO U S 40 SHALL BE APPROVED BY THE COLORADO DEPARTMENT OF HIGHWAYS

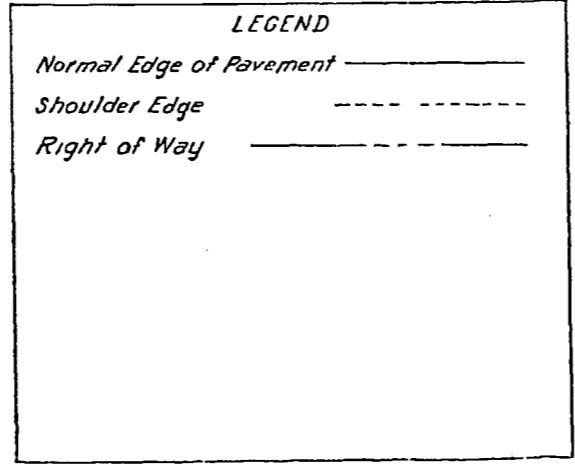
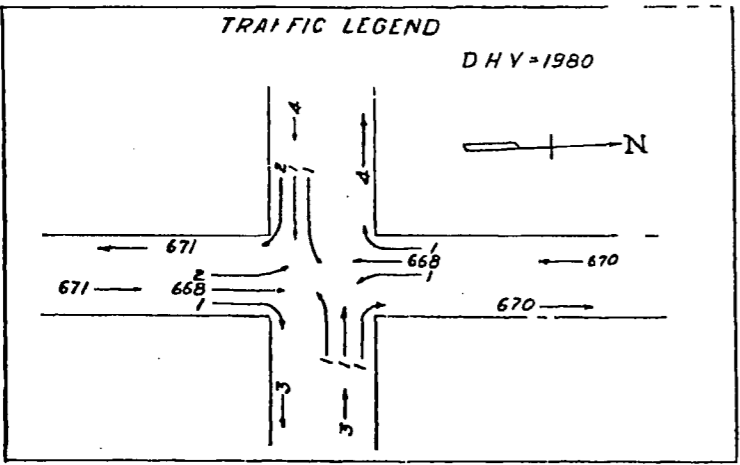
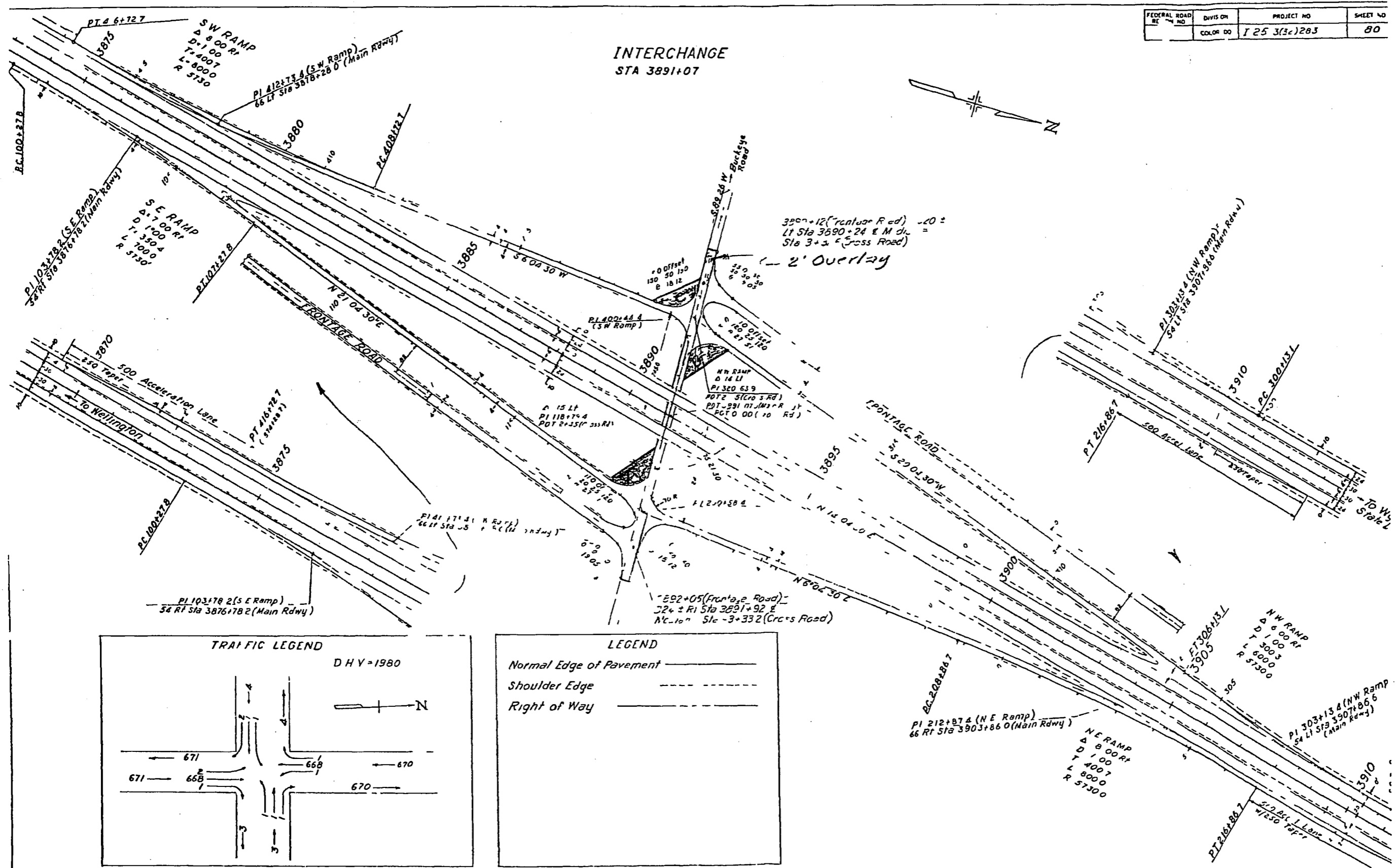
DESIGN DATA

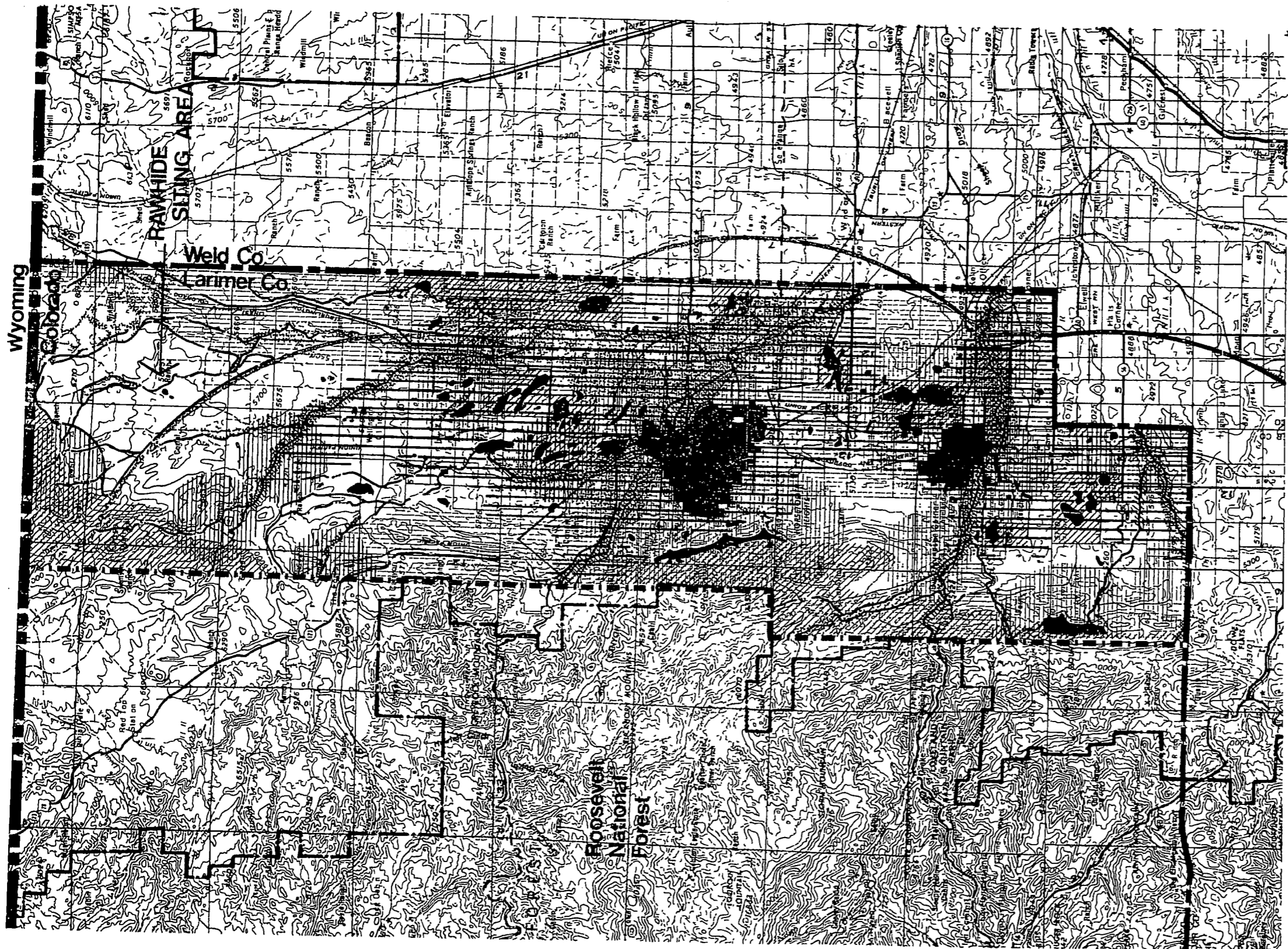
Maximum Degree of Curve	22° 55' 00"
Maximum Grade	6.00%
Maximum S.C.D. Horizontal	700'
Maximum S.C.D. Vertical	650'
Maximum Dist on Road	30 mph















FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.
	COLORADO	I 25 3(2)283	80

INTERCHANGE
STA 3891+07

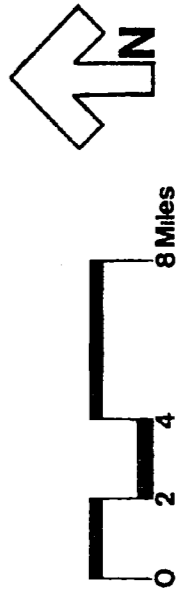




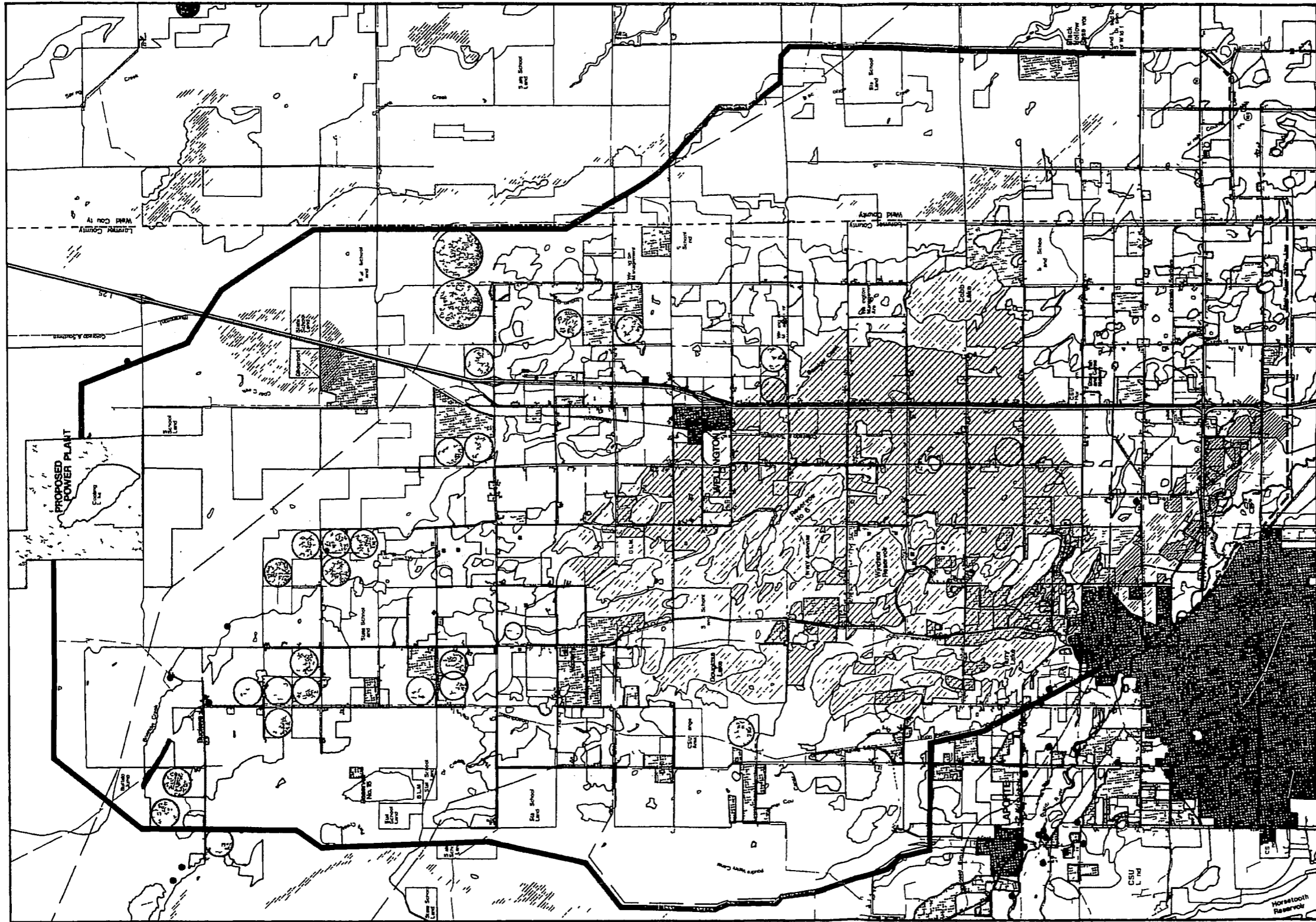
Constraints Composite

-  Municipality
-  Community Buffer Zone
-  Cultural Resources Buffer Zone
-  View Quality Buffer Zone
-  Irrigated Cropland
-  Wildlife Habitat
-  Reservoirs
-  Primary Groundwater Resources
-  Major Perennial Watercourses
-  100 Year Floodplains
-  Airport Clearance Zone
-  Air Quality Buffer Zone

**Platte River Power Authority
POWER PLANT
SITING STUDY
Northern Larimer County
EDAW Inc Environmental Planning**



Replacement for Figure II-12a
at page II-48

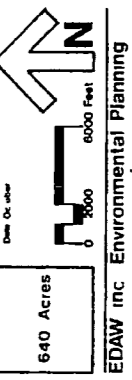


- Proximity of buildings to possible transmission line along roads
- Homes within right-of-way
 - Homes within 50-100'
 - Homes beyond 100'
 - Auxiliary Buildings
 - Commercial Building
 - Institutions
 - Oil Wells
 - State Highways
 - County Roads
 - Railroads
 - Streams
 - P V R E A Distribution Lines
 - P S C Distribution Lines
 - Transmission Lines
 - Substations

- Public and Reserved Lands
- Cultural Resources
- Airspace Zones
- Subdivisions
- Communities
- Rangeland
- Center Pivot Irrigation
- Non-irrigated Cropland
- Irrigated Cropland
- Waterfowl Flight Area
- Seasonal Lakes
- Lakes &/or Reservoirs
- Ridgelines
- Proposed Routes

Preferred Transmission Routes

Rawhide Energy Project
Environmental Impact Analysis



EDAW inc Environmental Planning

