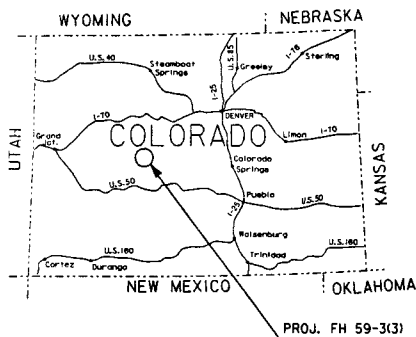


U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
8	CO	FH 59-3(3) COTTONWOOD PASS	1	8



RIGHT OF WAY PLANS FOR PROPOSED COLORADO FOREST HIGHWAY PROJECT 59-3(3) COTTONWOOD PASS SAN ISABEL NATIONAL FOREST CHAFFEE COUNTY

INDEX TO SHEETS

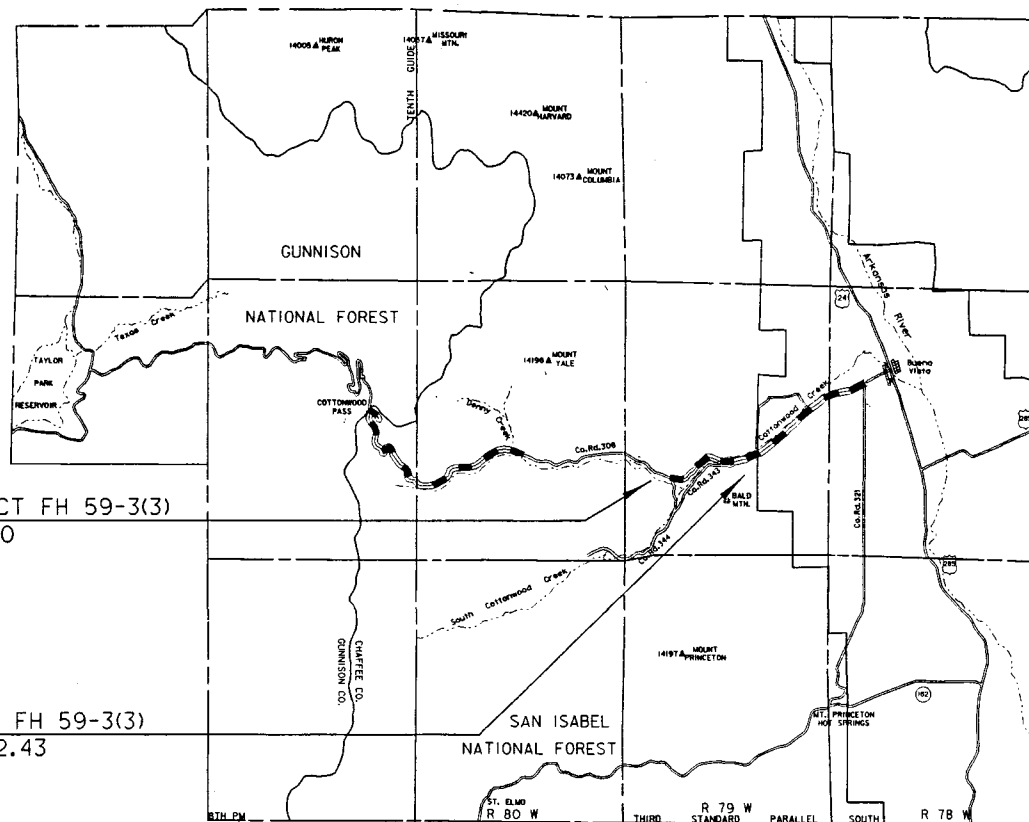
SHEET	TITLE	DESCRIPTION
1	VICINITY SHEET	
2	TABULATION SHEET- PRIVATE PROPERTY	
3	TABULATION SHEET- FOREST SERVICE LAND	
4	TABULATION SHEET- FOREST SERVICE LAND	
5-8	RIGHT OF WAY PLANS	

CONVENTIONAL SYMBOLS

PROJECTED CENTERLINE	STAKED CENTERLINE	REVISED CENTERLINE	PRESENT ROAD	STATE BOUNDARY	COUNTY LINE	FOREST BOUNDARY	PARK BOUNDARY	TOWNSHIP OR RANGE LINE	SECTION LINE	1/4 SECTION LINE	1/4 SECTION LINE	OWNERSHIP BOUNDARY	PARCEL NUMBER
SECTION CORNERS													
1/4 CORNERS	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
1/4 CORNERS	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
FOUND BRASSCAP	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
FOUND PROPERTY CORNER	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
PROPOSED R/W LINE & CALCULATIONS													
FENCE	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
GATE	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
CATTLE GUARD	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
SLOPE LIMITS	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
CONSTRUCTION PERMIT	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
EXISTING POLES	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
PROPOSED POLES	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
UNDERGROUND LINE	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
EXISTING CULVERTS	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
NEW CULVERTS	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
PIPE LINE (WATER, GAS, ETC.)	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
DROP INLETS & MANHOLE	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
TRAIL	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
RAILROAD	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
IRRIGATION OR FURROW DITCH	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
INTERMITTENT STREAM	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
RIVER WITH BRIDGE	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
CHANNEL CHANGE	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
DIKE	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
ROCK OUTCROP	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
MARSH OR SWAMP	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
TREES	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
GUARDRAIL	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
CONTROL POINTS													
NEW UTILITY CASINGS	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
CONSTRUCTION EASEMENT	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
IRRIGATION EASEMENT	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND
PROPOSED TAKE AREA	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND	FOUND

BEGIN PROJECT FH 59-3(3)
STA. 2740+00

END PROJECT FH 59-3(3)
STA. 2845+42.43



FINAL VOUCHER PLANS

E. M. Janniksen
SIGNATURE

TYPE OF CONSTRUCTION:
GRADING, DRAINAGE, BITUMINOUS SURFACING

TYPE CODE: 1000

DESIGN DESIGNATION:

ADT (1990)-----350
ADT (2010)-----490
DHV-----147
D-----50%
T-----2%
V-----30 MPH

PLANS PREPARED BY
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
DENVER, COLORADO

LEGEND - TYPE IMPROVEMENT

EXISTING ROAD	UNIMPROVED	GRADED	REINFORCED SUBGRADE	BASE COURSE	SURFACE TREATMENT	RD. OR PLANT MIX BITUM.	CONCRETE
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SCALE IN MILES



OCTOBER DATE 2 1989

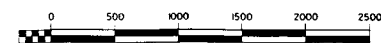
REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	COLO.	FH 59-1(3) COTTONWOOD PASS	2	8



TOWNSHIP 14 SOUTH RANGE 79 WEST
6TH PRINCIPAL MERIDIAN

BEGIN PROJECT
STA. 2740+00

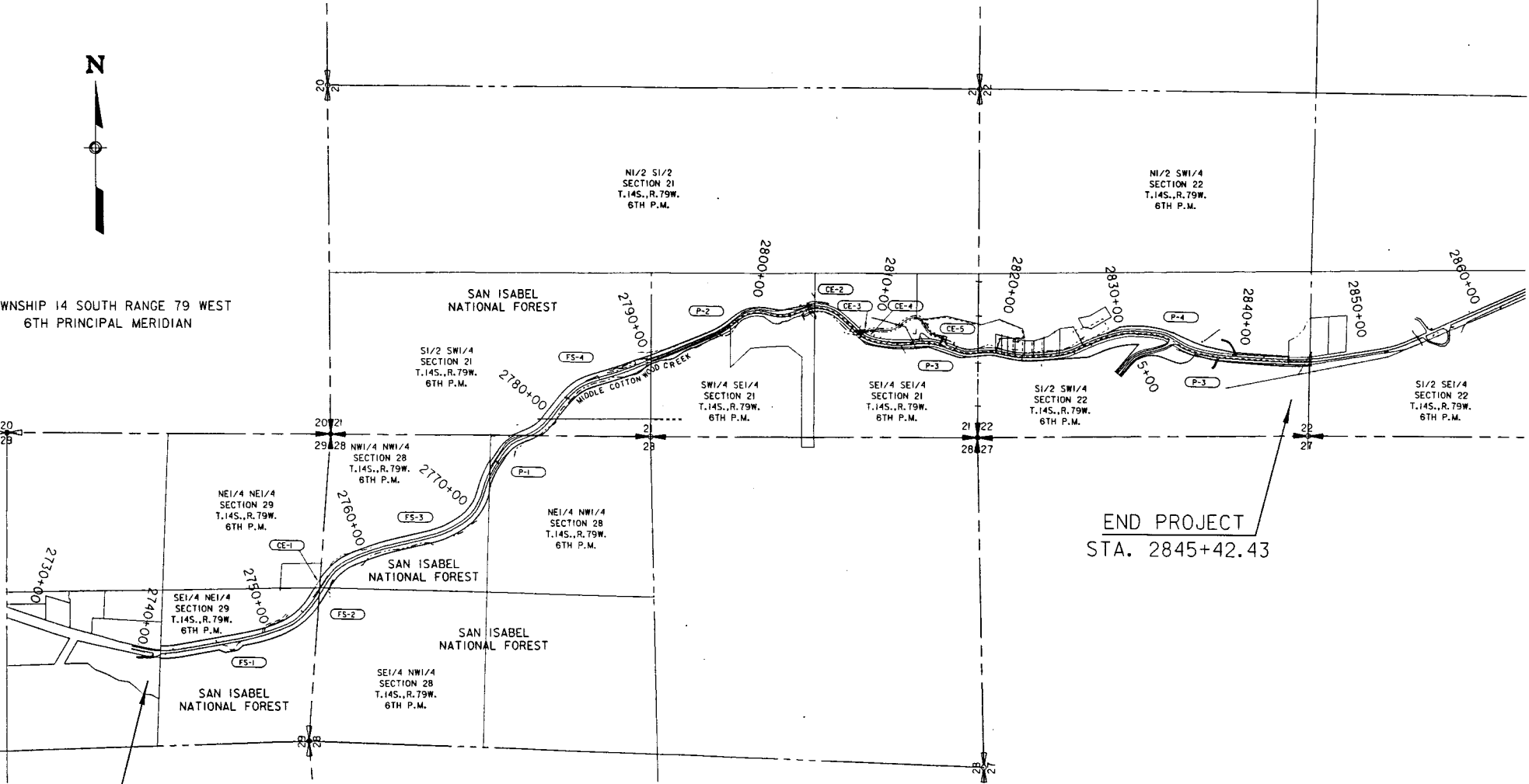
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STA. 2845+42.43



U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LAND HIGHWAY DIVISION
DENVER, COLORADO

VICINITY MAP
RIGHT OF WAY
PLANS FOR
COTTONWOOD PASS

June 30, 1985
Revised September 29, 1984



REVISÉD 10/2/89

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	COLO	F.H. 59-3(3) COTTONWOOD PASS	3	8

[illegible]

P.T.W. = Present Travel Way
or existing right of way

TABULATION OF PROPERTIES IN CHAFFEE COUNTY F.H. NO.59-3(3)

[illegible]

P.T.W. = Present Travel Way
or existing right of way

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	COLO.	FH 59-3(3) COTTONWOOD PASS	5	8

SAN ISABEL
NATIONAL FOREST

NW1/4 NW1/4
SECTION 28
T.14S., R.79W
6TH P.M.

SECTION 29
T.14S., R.79W
6TH P.M.

MOORE

NE1/4 NE1/4
SECTION 29
T.14S., R.79W
6TH P.M.

MEADERS
Book 364
pg. 393



AC = 22°26' 0"
D = 7°30' LT
T = 151.50
L = 299.11
e = .042

AC = 14°55' 0"
D = 5° 0' LT
T = 150.00
L = 298.33
e = .034

AC = 10°32' 45"
D = 1°59' 0" LT
T = 121.50
L = 248.50
e = .048

AC = 7°21' 0"
D = 4° 0' RT
T = 92.00
L = 183.75
e = .029

SAN ISABEL
NATIONAL FOREST

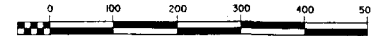
SW1/4 NW1/4
SECTION 28
T.14S., R.79W
6TH P.M.

SAN ISABEL
NATIONAL FOREST

SE1/4 NE1/4
SECTION 29
T.14S., R.79W
6TH P.M.

BEGIN PROJECT
STA. 2740+00

SECTION 29
T.14S., R.79W
6TH P.M.



Basis of Bearing- Colorado Coordinate System,
Central Zone, using USGARS "WINTERS". All bearings
shown are grid bearings. To convert to geodetic
bearings, rotate grid bearings -0°23'11" (CCW).
Distances shown are ground distances.

Monuments identified by "1778" were set by
Robert F. Harrison

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL DIRECT FEDERAL DIVISION
DENVER, COLORADO

RIGHT OF WAY
PLANS FOR
COTTONWOOD PASS

Revised September 25, 1981

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	COLO.	FH 59-3(3) COTTONWOOD PASS	6	8

SAN ISABEL
NATIONAL FOREST

SI/2 SW1/4
SECTION 21
T.14S., R. 79W
6TH P.M.

SAN ISABEL
NATIONAL FOREST

NW1/4 NW1/4
SECTION 28
T.14S., R. 79W
6TH P.M.

$\Delta C = 5^{\circ}22'0''$
 $D = 89.51$
 $L = 178.89$
 $e = .023$

$\Delta C = 19^{\circ}05'0''$
 $D = 120.39$
 $L = 238.54$
 $e = .043$

$\Delta C = 40^{\circ}17'0''$
 $D = 14^{\circ}0'0''$
 $L = 150.10$
 $L = 287.74$
 $e = .055$

$\Delta C = 29^{\circ}31'0''$
 $D = 16^{\circ}0'0''$
 $L = 94.34$
 $L = 184.48$
 $e = .058$

FS-4

FS-3

SAN ISABEL
NATIONAL FOREST

ROONEY
Book 446
pg. 188

SW1/4 SE1/4
SECTION 21
T.14S., R. 79W
6TH P.M.

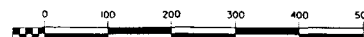
HEMINGWAY
Book 413
pg. 814

NE1/4 NW1/4
SECTION 28
T.14S., R. 79W
6TH P.M.

SAN ISABEL
NATIONAL FOREST

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LAND HIGHWAY DIVISION
DENVER, COLORADO

RIGHT OF WAY
PLANS FOR
COTTONWOOD PASS



Base of Bearings: Colorado Coordinate System,
Central Zone, using USCGS "MINERS". All bearings
shown are grid bearings. To convert to geodetic
bearings, rotate grid bearings $-0^{\circ}23'17''$ (CCW).
Distances shown are ground distances.

Monuments identified by "1778" were set by
Robert T. Harrison

June 20, 1985
Revised September 29, 1985
Revised October 17, 1985

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	COLO.	FH 59-3(3) COTTONWOOD PASS	7	8

SAN ISABEL NATIONAL FOREST

ΔC = 25°57' 0"
D = 24° 0' LT
T = 55.01
L = 108.13
e = .060

TREAT
Book 384
pg. 659
ΔC = 27°54' 0"
D = 25° 0' LT
T = 56.93
L = 111.60
e = .036

SHEESLEY
Book 504
pg. 177
ΔC = 18° 8' 0"
D = 5° 30' LT
T = 166.24
L = 329.70
e = .036

ΔC = 17°24' 0"
D = 8° 0' LT
T = 109.59
L = 217.50
e = .043

ΔC = 24°35' 0"
D = 20° 0' LT
T = 62.42
L = 122.92
e = .060

S.I.N.F.

SW1/4 SE1/4
SECTION 21
T.14S., R. 79W
6TH P.M.

MERRIFIELD
Book 446
pg. 193

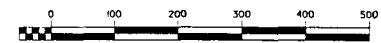
MERRIFIELD
Book 446
pg. 193

MILAM/FIRST INTERSTATE
Book 491 pg. 196
Book 302 pg. 400

SE1/4 SE1/4
SECTION 21
T.14S., R. 79W
6TH P.M.

SECTION 28
T.14S., R. 79W
6TH P.M.

SW1/2 SW1/4
SECTION 22
T.14S., R. 79W
6TH P.M.



Basis of Bearings: Colorado Coordinate System, Central Zone, using USNGS "WINERS". All bearings shown are grid bearings. To convert to geodetic bearings, rotate grid bearings -0°23'17" (CCS). Distances shown are ground distances.
Monuments identified by "1778" were set by Robert F. Harrison

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LAND HIGHWAY DIVISION
DENVER, COLORADO

RIGHT OF WAY PLANS FOR COTTONWOOD PASS

REG.	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
	COLO	FH 59-3(3) COTTONWOOD PASS	8	8

SECTION 22
T.14S., R 79W
6TH P.M.

SI/2 SW1/4
SECTION 22
T.14S., R 79W
6TH P.M.

MILAM/FIRST INTERSTATE

Book 491 pg.196
Book 756 pg.230

NORTHCUTT
(MYERS)

Book 309 pg.64
Book 358 pg.417
Book 491 pg.197

SW1/4 SE1/4
SECTION 22
T.14S., R 79W
6TH P.M.

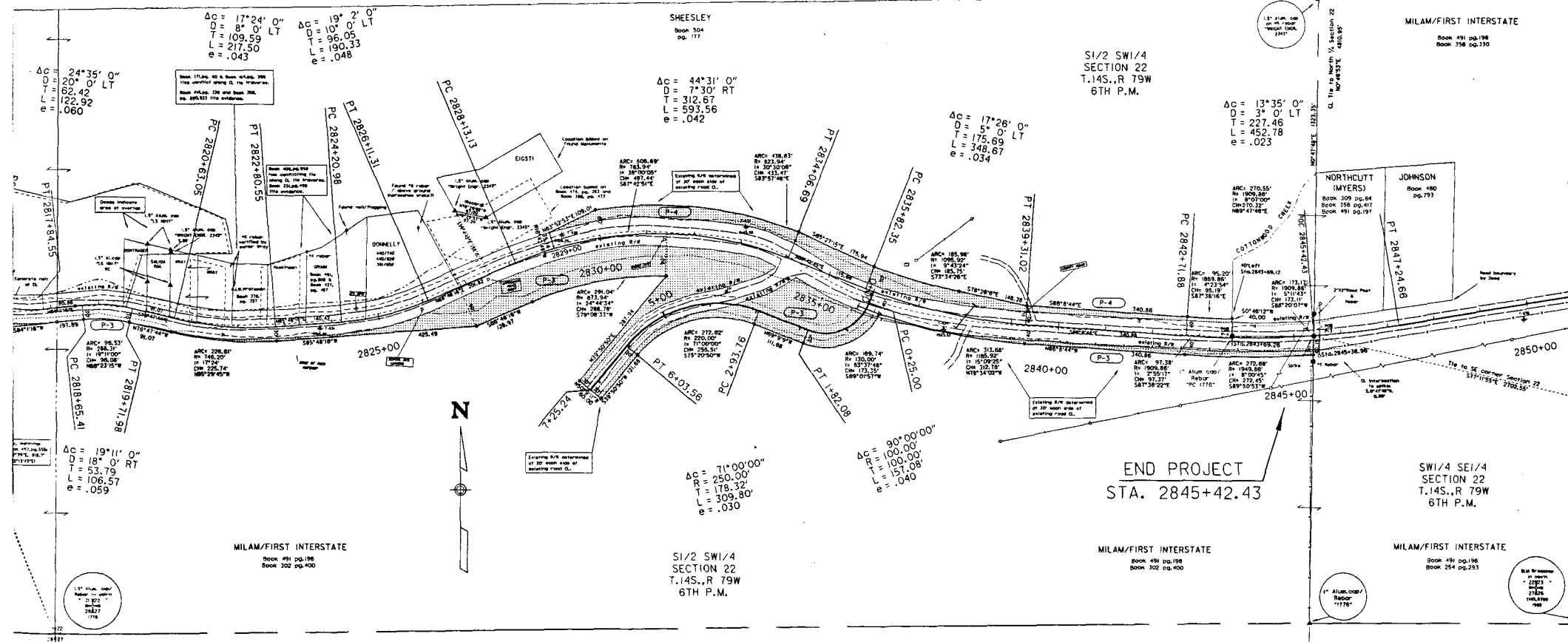
MILAM/FIRST INTERSTATE

Book 491 pg.196
Book 254 pg.293

U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LAND HIGHWAY DIVISION
DENVER, COLORADO

RIGHT OF WAY
PLANS FOR
COTTONWOOD PASS

APR 25, 1984
Revised September 29, 1984



Notes of Bearings: Colorado Coordinate System, Central Zone, using USCGS "WINTERS". All bearings shown are grid bearings. To convert to geodetic bearings, rotate grid bearings -0°23'11" (CCW). Distances shown are ground distances.

Monuments identified by "1778" were set by Robert F. Harrison

