

STATE DEPARTMENT OF HIGHWAYS

DIVISION OF HIGHWAYS—STATE OF COLORADO

CONVENTIONAL SIGNS

County Line
Township or Range Line
Land Lines
Property or Tract Line
City Limits
Railroad
Existing Road
New Road

Control of Access
Access denied by Dead
Right of Way Line
Protected by Freeway (Virgin Location)
Top of Cuts
Toe of Fills
Barbed Wire Fence
Chain Link Fence
Woven Wire-Combination Fence
Snow Fence
Wood Fence
Decor Fence

Trass
Deciduous
Coniferous

Tel. & Toleg Lines
Electric Lines
Elec. Trans. Tower M
Buried Tel. Cable
Buried Electric Cable
Gas Main
Oil Main
Water Main
Sanitary Sewers
Storm Sewers

Road Approaches
Section Corner
Center of Section

Culverts & Drains
Proposed
Existing
Proposed
Existing (To be dashed)
Bridges
Existing (To be dashed)

RIGHT OF WAY PLAN OF PROPOSED FEDERAL AID PROJECT NO. FR 285-4(23) STATE HIGHWAY NO. 285 PARK COUNTY RIGHT OF WAY

SCALE OF ORIGINAL DRAWINGS

PLAN SHEETS 1"=100'
DETAIL SHEETS 1"=100'
OWNERSHIP MAPS 1"=100'

ROW LENGTH OF PROJECT = 12,563 Ft. = 2.379 Miles

STA 287+98.82 BEG. FR 285-4(23)=
STA 351+31. on FAP 29-F(1)

STA 442+00 END FR 285-4(23)=
STA 504+66.6 on FAP 29-F(1)

BEGIN R.O.W. STA. 315+72.2 PROJECTED=
1.8 Ft. RT. of 379+07.1 on F.A.P. 29-F(1)
M.P. 208.26

END R.O.W. P.O.T. 442+03.4 PROJECTED=
2.0 Ft. LT. of P.O.C. 504+70.0 on F.A.P. 29-F(1)
M.P. 210.64

District: One
Subaccount: 85050

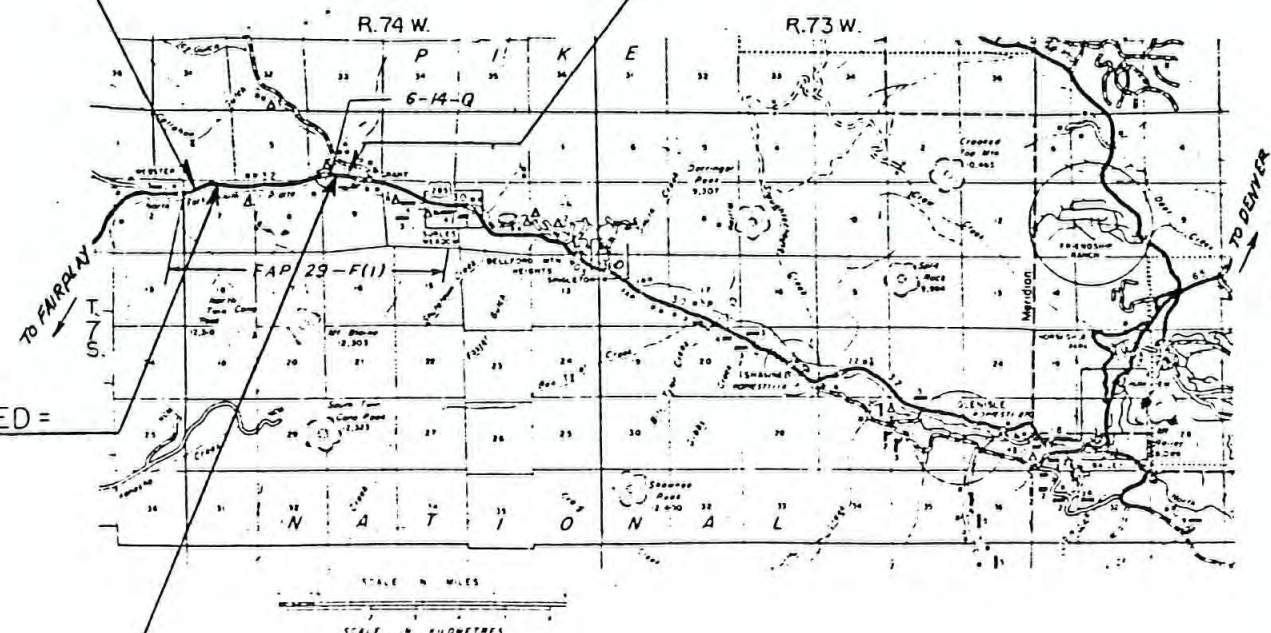
FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.
XIII	COLORADO	FR 285-4(23)	1

REVISIONS		
9-8-88	Added Sheet No. 9, Revised	D-1
	End ROW Sta.	

RIGHT OF WAY
WEBSTER-N.E.

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 TABULATION OF OWNERSHIPS
- 3 CONTROL AND MONUMENTATION SHEET
- 4-9 R.O.W. PLAN DETAIL SHEETS AND OWNERSHIP



DIVISION OF HIGHWAYS	
APPROVED	DATE
<i>R.R. McElroy</i>	1-9-22
DISTRICT ENGINEER	

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED	DATE
DIVISION ADMINISTRATOR	

CONTROL AND MONUMENTATION SHEET

TABULATION OF R.O.W. MARKERS TO BE SET

POINT	N	E	LOCATION FROM F&P 29-F(1) C.L.
636	199593.651	298909.322	200.0 RT 379+06.8
637	200004.872	300285.809	383.8 RT 391+93.5
627	200201.448	300371.146	300.8 RT 394+03.8
621	200261.390	300816.420	249.0 RT 401+53.1
619	200041.259	301562.379	269.2 RT 409+02.6
611	200102.626	302116.543	230.2 RT 412+95.7
609	200292.525	303188.045	200.0 RT 424+00
609	200566.329	303162.429	75.0 LT 424+00
607	200665.895	303153.115	175.0 LT 424+00
605	200632.058	302848.896	175.0 LT 421+00
600	200532.889	302861.680	75.0 LT 421+00
620	200170.279	301257.508	

The following are points on existing R.O.W.

654	200428.930	304009.498	100.0 RT 432+41.7
653	200438.425	304117.833	90.0 RT 433+50
436	200436.229	304589.828	90.0 RT 438+22
131	200601.218	304592.595	75.0 LT 438+24
653	200603.928	304010.312	75.0 LT 432+41.7
612	200471.946	302496.840	75.0 LT 417+34.2
612	200403.427	302064.672	75.0 LT 413+76.8
615	200425.257	301500.663	75.0 LT 407+76.8
616	200444.128	301426.176	75.0 LT 407+00
617	200492.922	301335.379	100.0 LT 406+00
623	200649.730	300716.435	100.0 LT 399+60.1
629	200482.964	300085.244	100.0 LT 393+79.8
624	200352.759	299949.547	100.0 LT 391+88.9
633	200075.176	299473.099	100.0 LT 385+84.8
635	200041.329	299394.728	90.0 LT 385+00
637	199896.120	298906.668	90.0 LT 379+92.7

R.O.W. Mks. To Be Set

515	200600.166	304818.593	75.0 LT 440+50	525	200684.118	310541.367	60.0 LT 498+50
516	200719.583	304944.151	195.0 LT 441+75	526	200736.559	310642.609	130.0 LT 499+40
517	200720.451	305114.030	195.0 LT 443+55	527	200699.028	310847.992	130.0 LT 501+50
518	200610.691	305232.917	75.0 LT 444+75	528	200647.835	310939.692	95.0 LT 502+50
519	200396.867	305781.692	75.0 LT 460+70	529	200614.057	311155.234	95.0 LT 504+70
520	201042.105	306895.665	120.0 LT 461+84.5	530	200579.429	311150.148	60.0 LT 504+70
521	201049.961	307010.899	120.0 LT 463+00				
522	201050.074	307086.065	115.0 LT 463+75				
523	201070.478	307395.371	115.0 LT 466+75				
524	201015.606	307389.112	60.0 LT 466+75				

SURVEY CONTROL POINT TABULATION

The following are R.O.W. markers tied by field survey.

POINT	N. CORR.	E. CORR.	ACTUAL FIELD TIE	PLAN LOCATION
263	199696.986	298909.098	100.9 RT 379+36.1	(100.0 - 379+36)
268	200213.269	301938.161	99.0 RT 412+29.7	(100.0 - 412+30)
270	200438.496	304119.714	89.9 RT 433+51.9	(100.0 - 433+50)
272	200629.995	305968.601	90.1 RT 452+01.1	(100.0 - 452+00)
273	200629.375	306072.124	118.4 RT 451+00.7	(120.0 - 453+00)
275	200847.989	307124.034	84.2 RT 463+99.1	(100.0 - 464+00)
278	200856.213	307248.568	89.5 RT 465+239	(100.0 - 465+24)
264	199895.986	298908.668	89.9 LT 379+92.7	(100.0 - 379+92)
265	200041.504	299394.773	90.2 LT 385+00.1	(100.0 - 385+00)
266	200075.555	299473.550	100.2 LT 385+85.4	(100.0 - 385+84.8)
267	200444.534	301426.409	75.4 LT 407+00.1	(100.0 - 407+00)
269	200387.867	301936.047	75.3 LT 412+40.0	(100.0 - 412+40)
271	200732.108	305719.485	75.0 LT 449+88.5	(100.0 - 449+87)
274	200997.550	306899.629	75.3 LT 461+85.4	(100.0 - 461+84.5)
275	200990.395	307014.859	60.3 LT 462+99.9	(100.0 - 463+00)
279	201006.588	307249.204	60.5 LT 465+34.8	(100.0 - 465+35)

The following are section corners tied on this project.

254	200744.328	295871.992	N.W. Cor. Sec. 7, T.7S., R.74W.
277	200741.744	307247.952	S.E. Cor. Sec. 5, T.7S., R.74W.

BASIS OF BEARING

BASIS OF BEARING ON THIS PROJECT ARE R.O.W. MARKER NOS. 265 AND 267 DESCRIBED ABOVE

BEARING = N. 78° 46' 45" E DIST = 2071.2 FEET

BEARINGS WERE DETERMINED BY USING CENTERLINE ON F&P 29-F(1)

EXAMPLE: On Project F&P 29-F(1) C.L. BEARING FROM STATION 375+77.1 TO 385+85.8 = N. 73° 22' E

DESIGN ALIGNMENT (C.L. PROJECT) BEARING FROM STATION 311+17.7 TO 321+66.9 = N. 73° 28' 13" E, USING BASIS OF BEARING ON R.O.W. COORD. SYSTEM. DESIGN BEARING FOR THIS LOCATION = N. 73° 30' 28" E. A ROTATION OF 02' 13" CLOCKWISE FROM R.O.W. COORD TO DESIGN COORD.

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VII	COLORADO	FR 285-4(23)	3	9

RIGHT OF WAY
WEBSTER N.E.

REVISIONS		
9-8-88	Added R.O.W. Mks. To Be Set	D-1

AS CONSTRUCTED
NO REVISIONS DATE

GENERAL NOTES

- This Right of Way plan is not a complete boundary survey of all adjoining owners and is prepared for Highway Department purposes only.
- Field survey control precision computed to exceed $\frac{1}{20,000}$.
- Memorandum of Ownership supplied by the C.D.O.H. Personnel.
- NOTICE: According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.
- All R.O.W. Markers set from survey control points.
- All centerline and offset stationing is theoretical only and may not represent the centerline as constructed in the field.
- All coordinates listed are assumed Project Coordinates.
- RIGHT OF WAY ACQUISITION ON THIS PROJECT CONSIST OF ONE FOREST SERVICE EASEMENT DEED AND THREE TEMPORARY EASEMENTS. THERE IS NO ACQUISITION OF PRIVATE LANDS. THERE ARE FOUR PARCELS TO BE ACQUIRED FROM PRIVATE LANDS.

SURVEYOR CERTIFICATE (FIELD)

Control survey and monumentation was done under my supervision and checking in accordance with the coordinates provided by CDOH and limited to the accuracy of found R.O.W. monument.

Name Michael J. Smith P.L.S. No. 24657

Date 9-8-88

SURVEYOR CERTIFICATE (OFFICE)

ROW Plans and Legal Descriptions were prepared under my supervision and checking.

Name _____ P.L.S. No. _____

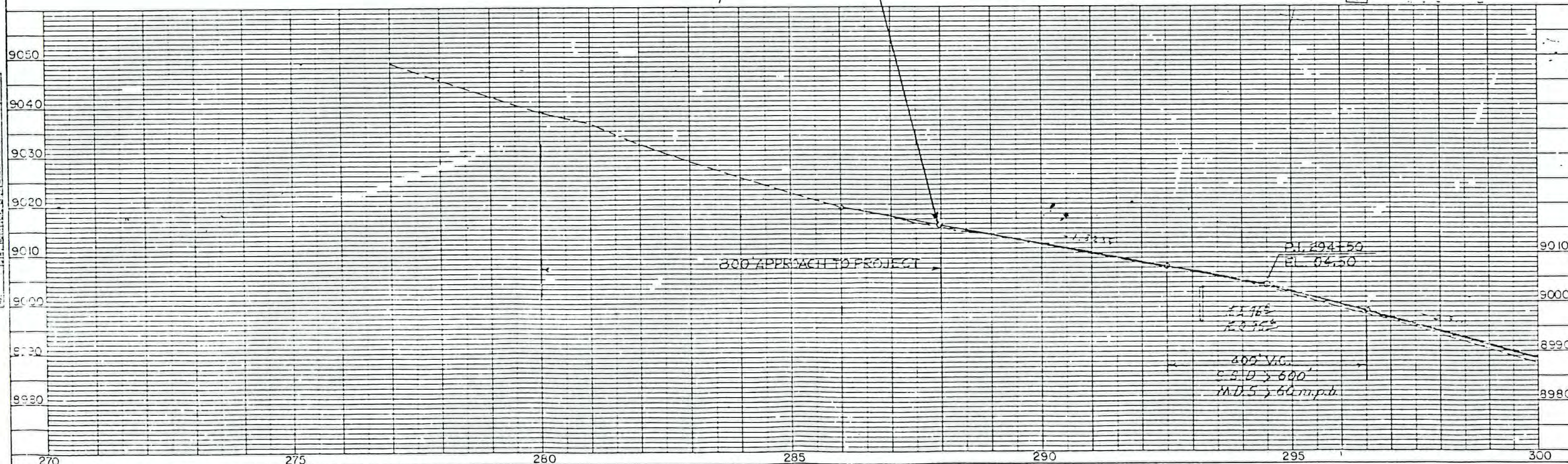
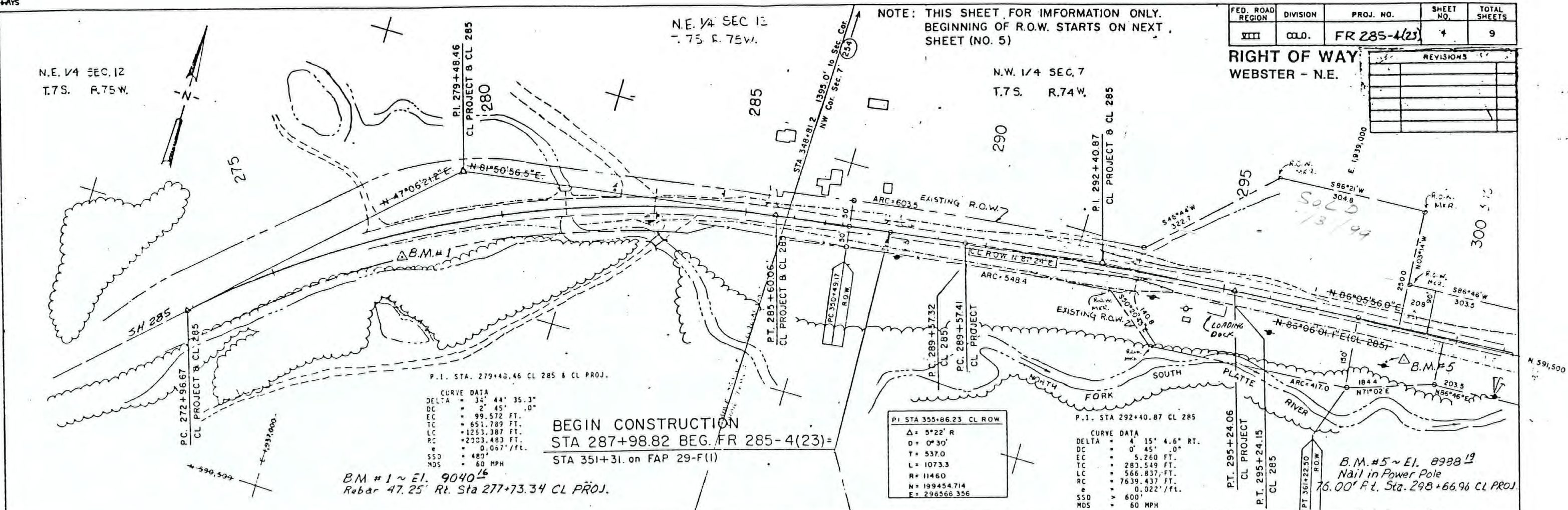
Date _____

N.E. 1/4 SEC 13
T. 7S R. 75W.

N.W. 1/4 SEC. 7
T.7 S. R.74 W.

RIGHT OF WAY
WEBSTER - N.E.

REVISIONS		
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N.W. 1/4 SEC. 7
T.7S. R.74W.

P.I. STA. 307+47.06 CL PROJ.

P.I. STA. 307+64.95 CL 2P:

REVISIONS

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	FR 285-4(23)	5	9

RIGHT OF WAY
WEBSTER - N.E.

PIKE NATIONAL FOREST

P.I. STA. 324+89.88 CL PROJ.

CURVE DATA

DELTA(S) = 25° 30' 53.7" LT
TANGENT BK. = 322.420 FT.
TANGENT AM. = 315.243 FT.
DELTA(C) = 3° 45' 53.7"
DC = 7° 30' 0"
LC = 50.199 FT.
RC = 763.944 FT.
S.L. BK. = 300.000 FT.
S.L. AM. = 280.000 FT.
THETA(S) BK. = 11° 15'
THETA(S) AM. = 10° 30'
LT BK. = 200.405 FT.
ST BK. = 100.369 FT.
LT AM. = 186.996 FT.
ST AM. = 93.633 FT.
SSD = 0.030 /ft.
MSD = 50 MPH

PI 388 92.63 CL ROW

Δ = 27° 11' LT
D = 4° 30'
T = 307.8
L = 604.1
R = 1273.3
N = 200067.467
E = 299796.865

CURVE DATA

DELTA(S) = 26° 25' 58.3" LT
DC = 7° 30'
LC = 62.438 FT.
RC = 763.944 FT.
S.L. BK. = 300.000 FT.
S.L. AM. = 280.000 FT.
THETA(S) BK. = 11° 15'
THETA(S) AM. = 10° 30'
LT BK. = 200.405 FT.
ST BK. = 100.369 FT.
LT AM. = 186.996 FT.
ST AM. = 93.633 FT.
SSD = 0.030 /ft.
MSD = 50 MPH

PI 370+41.96 CL ROW

Δ = 13° 24' LT
D = 1° 15'
T = 538.5
L = 1072.0
R = 4584.0
N = 199536.864
E = 298020.338

BEGIN ROW STA. 315+72.2 PROJECTED =
1.8 FT. RT. of 379+07.1 on F.A.P. 29-F(1)
M.P. 208.26

B.M. #7 ~ E.I. 8960.40
Hub & Guard 43.162' Lt. Sta. 310+00.63 CL PROJ.

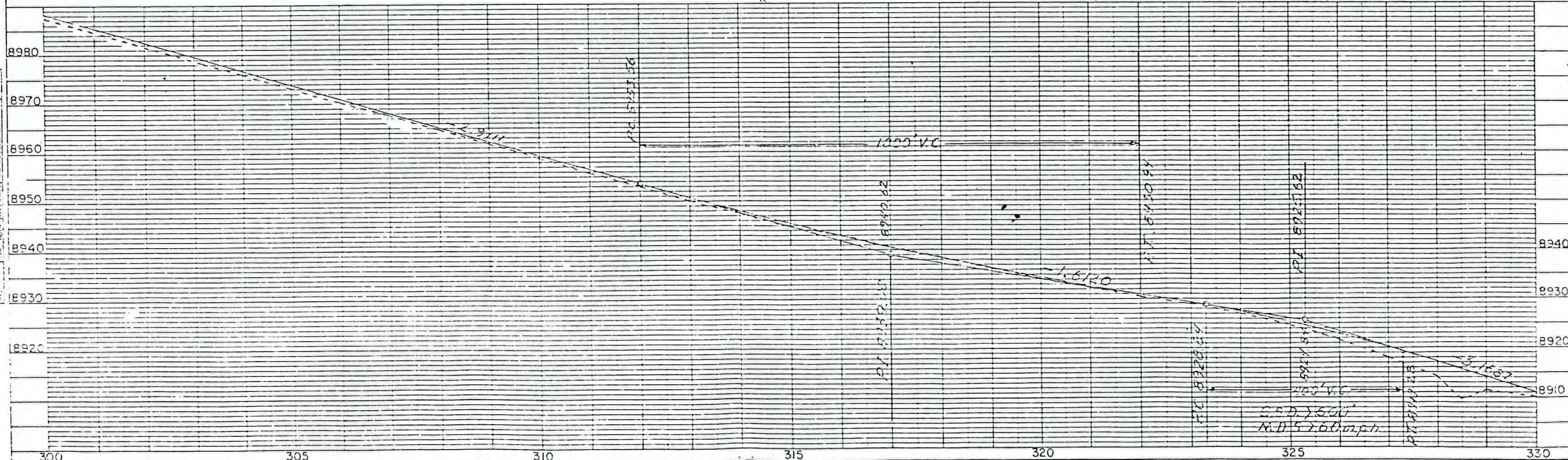
LEGEND

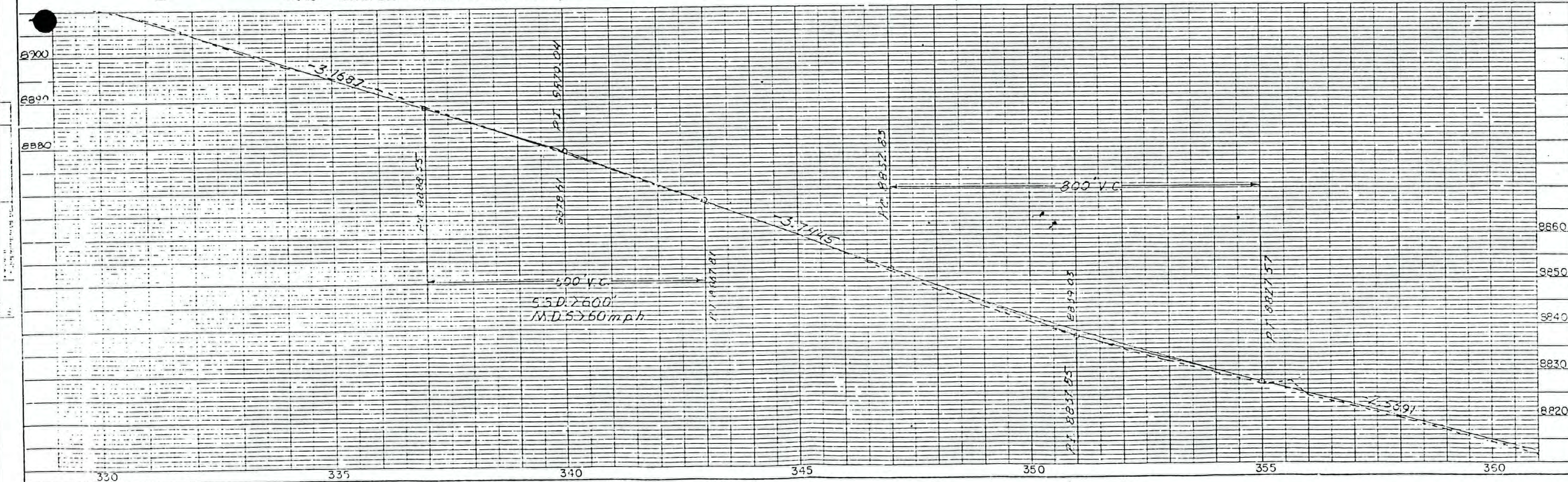
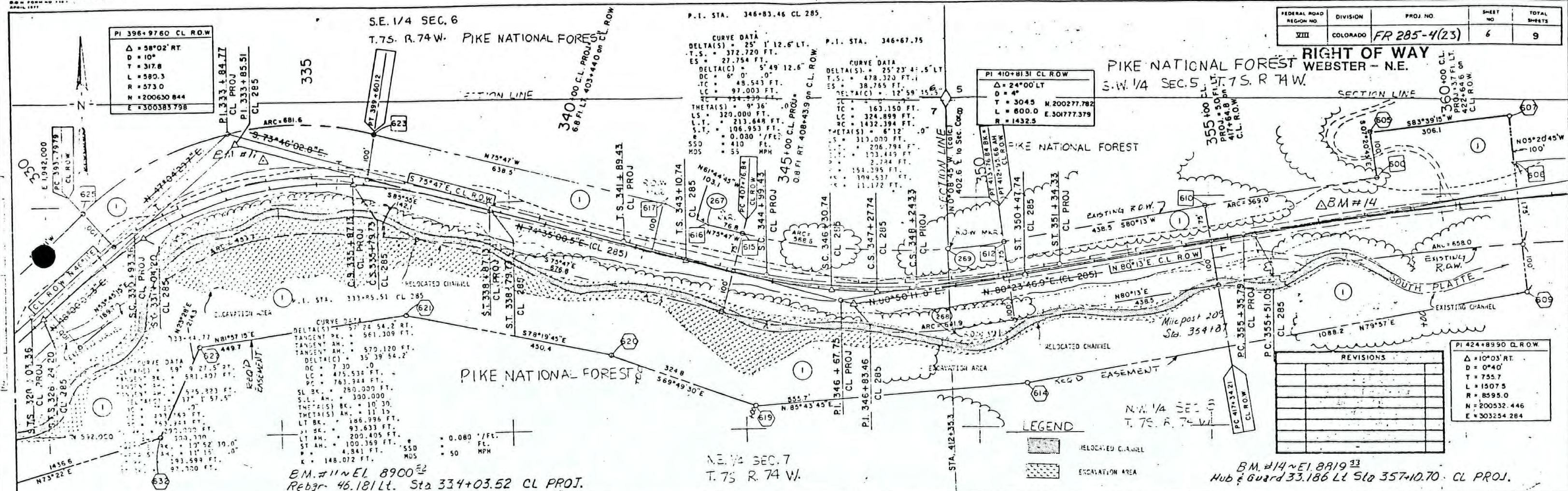
- RELOCATED CHANNEL
- EXCAVATION AREA

N.E. 1/4 SEC. 7

T.7S. R.74W

B.M. #10 ~ E.I. 8922.27
Rebar 39.769' RL Sta 325+97.11 CL PROJ.





N 593.000

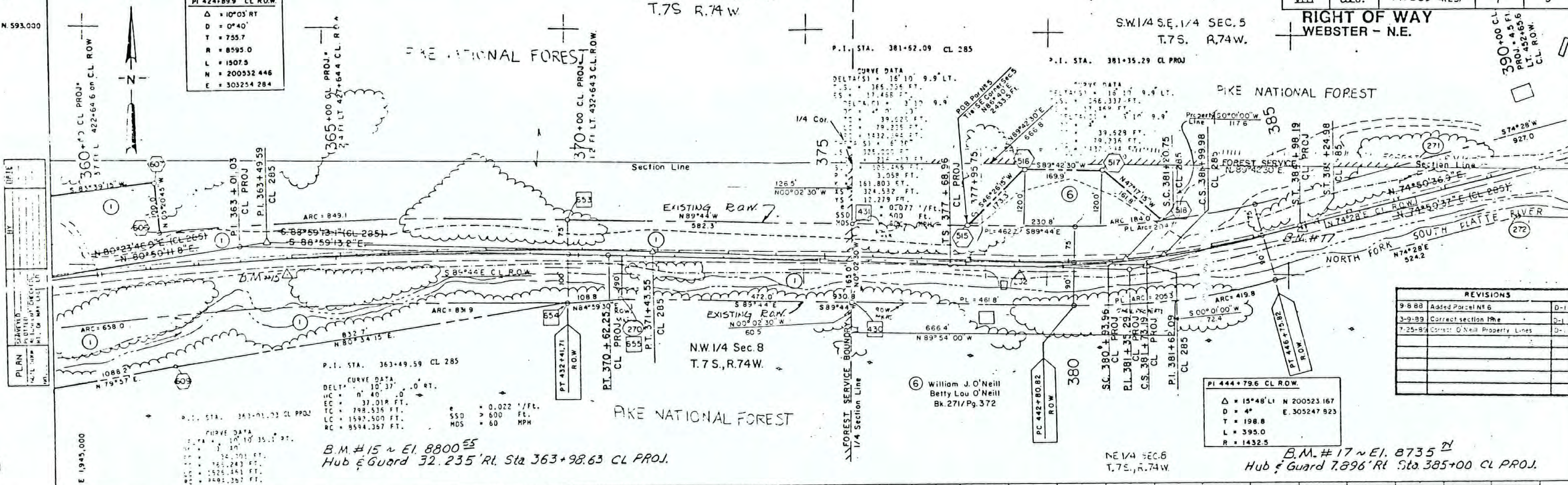
FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	FR 285-4(23)	7	9

RIGHT OF WAY
WEBSTER - N.E.

S.E. 1/4 S.W. 1/4 SEC. 5
T.7S R.74W

S.W. 1/4 S.E. 1/4 SEC. 5
T.7S. R.74W.

PI 424+89.9 CL ROW
Δ = 10°03' RT
D = 0°40'
T = 755.7
R = 8595.0
L = 1507.5
N = 200332.446
E = 303254.284



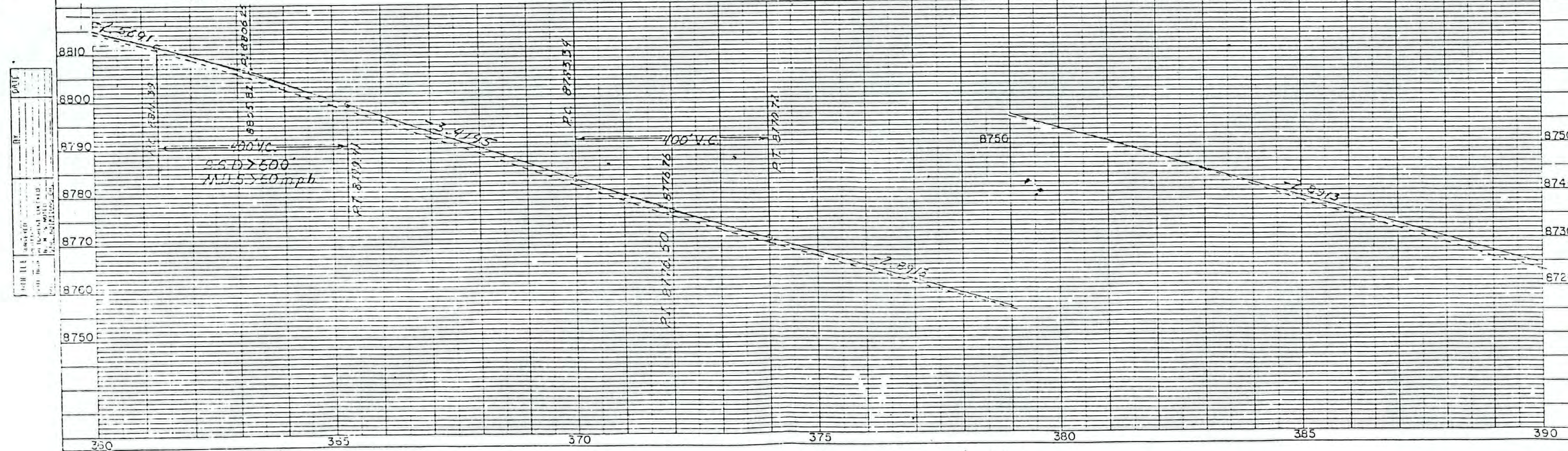
REVISIONS		
9-8-88	Added Parcel N# 6	D-1
3-9-89	Correct section line	D-1
7-25-89	Correct O'Neill Property Lines	D-1

P.I. STA. 363+49.59 CL 285
CURVE DATA
Δ = 10°37' RT
D = 0°40'
T = 37.018 FT.
R = 798.536 FT.
L = 1597.500 FT.
N = 8594.357 FT.
E = 0.022 1/FT.
SSD = 600 FT.
MDS = 60 MPH

PI 444+79.6 CL ROW
Δ = 15°48' LT
D = 4°
T = 198.8
R = 393.0
L = 1432.5
N = 200523.167
E = 305247.923

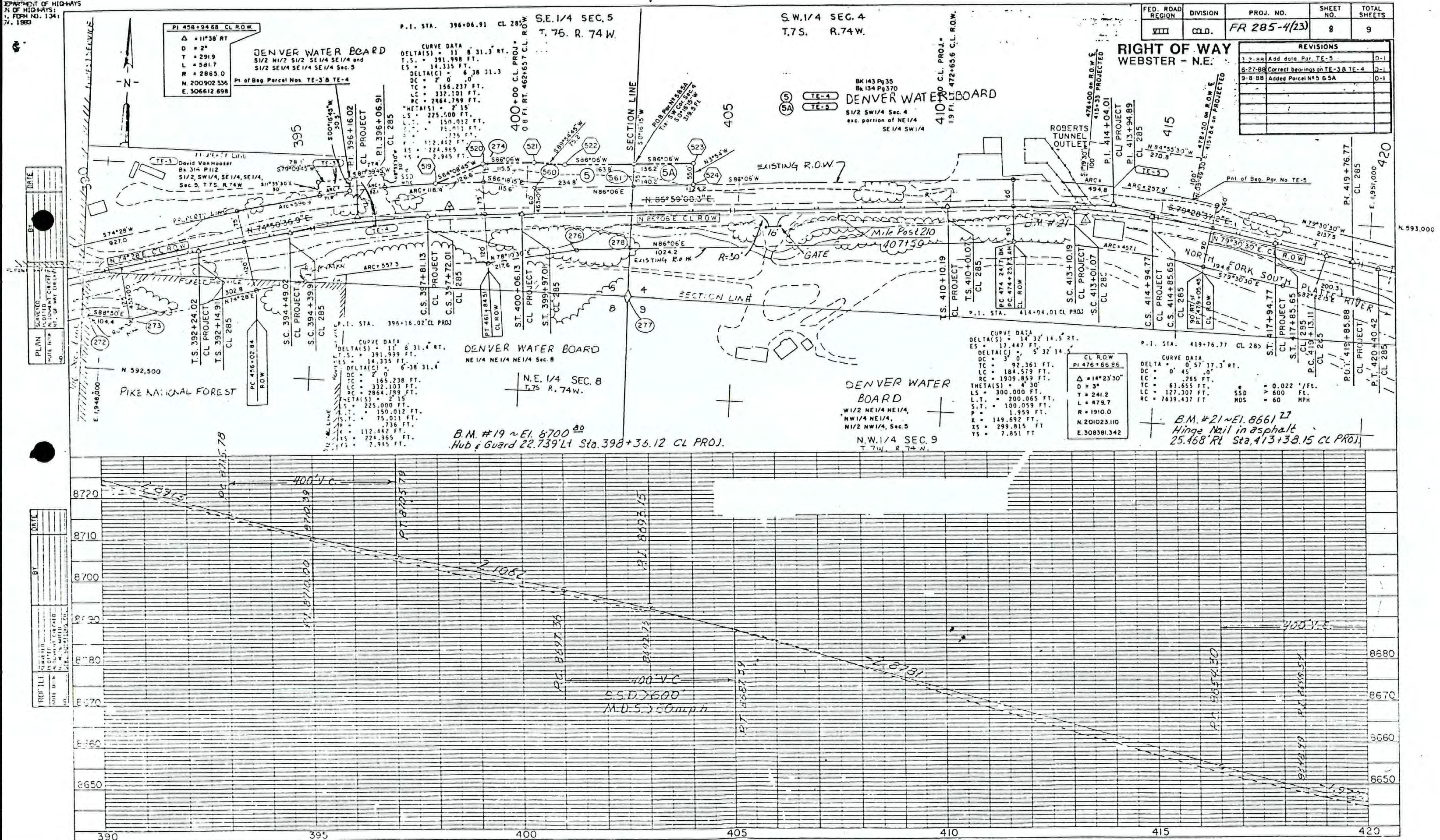
B.M. #15 ~ E1. 8800.55
Hub & Guard 32.235' RL Sta 363+98.63 CL PROJ.

B.M. #17 ~ E1. 8735.21
Hub & Guard 7.896' RL Sta 385+00 CL PROJ.



FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
VIII	COLO.	FR 285-4(23)	8	9

REVISIONS		
1-2-88	Add data Par. TE-5	D-1
6-27-88	Correct bearings on TE-3 & TE-4	D-1
9-8-88	Added Parcel N#5 65A	D-1



FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO	TOTAL SHEETS
VI	COLO.	FR 285-4(23)	9	9

