FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 001-3(10)	1	

Rev 7/12/57 RLM

COLORADO
DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJECT NO. F 001-3(10)
STATE HIGHWAY NO. 15
CHAFFEE COUNTY

Field Books 20960 to 20967

INDEX OF SHEETS

TABULATION OF LENGTH AND DESIGN DATA

STATION	24' FT. RDWY.	36' FT. RDWY.
444+96.2 Begin F 001-3(10) opposite sta. 444+90 (Approx.) on F.A.P. 248C	686.7	
451+82.9 Bk. = 451+83.3 Ahd. } Equation	5143.7	
503+27 (Approx.) opposite 503+22.7 Bk. End F.A.P. 248C = 503+44.2 Ahd. Begin F.A.P. 248B		
503+46.0 Begin 36' Rdwy.	1679.0	
519+24.9 Begin BF 001-3(9) R.O.W.		2978.9
583+00 End 36' Rdwy.		375.1
*615+00 End Grading F 001-3(10) Begin Grading BF 001-3(9)	3200	
646+50 Begin 36' Rdwy.	3150	
805+00 End 36' Rdwy.		15,850
825+08.7 End F 001-3(10) = 825+08.7 End BF 001-3(9)	2008.7	
TOTALS	18,808.1	19,204.0

SUMMARY	LIN. FT.	MILES
24' Roadway	18808.1	3.562
36' Roadway	19204.0	3.637
Total Length of Project	38012.1	7.199

DESIGN DATA

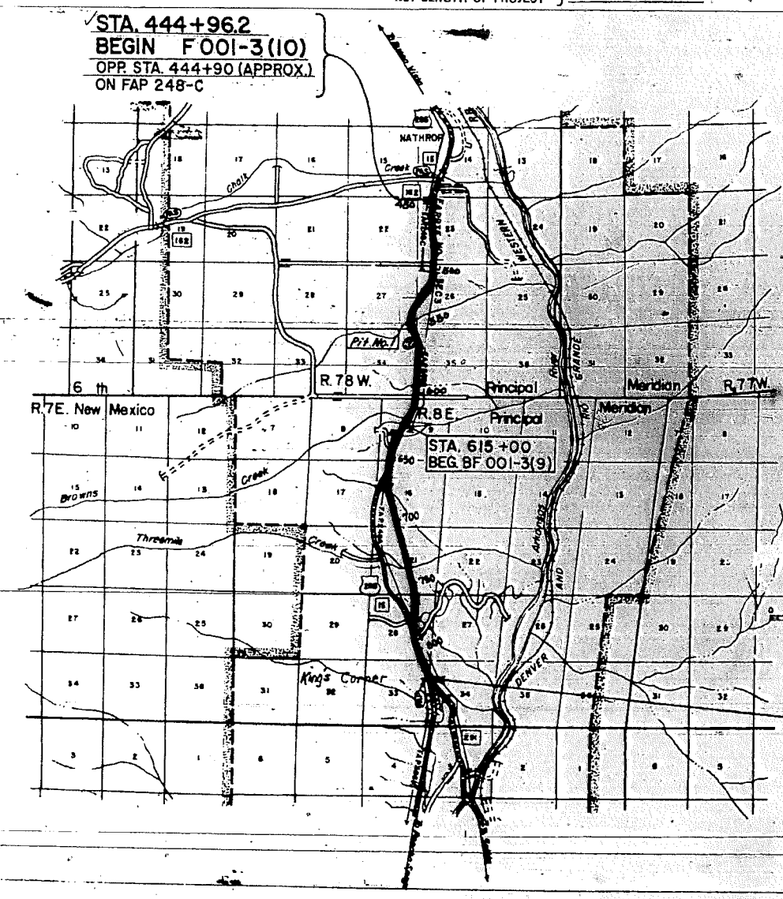
Maximum Grade	6%
Maximum Degree of Curve	3°
Minimum N.P.S.D. Horizontal	890'
Minimum N.P.S.D. Vertical	730'
Maximum Design Speed	70 M.P.H.

*Extended on Work Order No. 12573

SCALES OF ORIGINAL DRAWINGS

ON PLAN, 1 IN. = 100 FT.
ON PROFILE 1 IN. = 100 FT. HORIZONTAL, 1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT, NET LENGTH OF PROJECT: 38,012.1 Ft. = 7.199 MI.

STA. 444+96.2
BEGIN F 001-3(10)
OPP. STA. 444+90 (APPROX.)
ON FAP 248-C



STA. 825+08.7
END F 001-3(10) =
SAME STA. END BF 001-3(9)

FINAL CONSTRUCTION SHEET

Packing List
Box

8- Field Note Books
144- Rolling & Watering Vouchers
13- Scale Book - Plant Mix
14- " " - Gravel
1 - " " - Stone Screenings

F 001-3 (-2)
Not Packed

SEP 1959 COLORADO DEPARTMENT OF HIGHWAYS

CONVENTIONAL SIGNS

CENTER LINE (in PLAN SHEET / TITLE SHEET)
RIGHT OF WAY LINE (R.O.W. MARKER)
COUNTY LINE
TOWNSHIP OR RANGE LINE
LAND LINES (SECTION LINE / 1/4 SECTION LINE / 1/16 SECTION LINE)
RAILROAD (TITLE SHEET)
BARBED WIRE FENCE
COMBINATION WIRE FENCE
TELEPHONE & TELEGRAPH LINES
POWER LINE
PRESENT ROAD (Plan Sheets)

NOTICE TO BIDDERS

IT IS RECOMMENDED THAT BIDDERS ON THIS PROJECT GO OVER THE PLAN DETAILS WITH ONE OF THE FOLLOWING FIELD REPRESENTATIVES OF THIS DEPARTMENT:
R.B. Dudley, Dist. Const. Engr., Alamosa, Colo.
R.D. Rightsell, Res. Engr., Salida, Colo.
Phone 730

COLORADO DEPARTMENT OF HIGHWAYS

APPROVED: Mark R. Watson, CHIEF ENGINEER — 6-20-57, DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED _____ DATE _____
DIVISION ENGINEER

JN 15 1962

FED. ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F001-3 (10)	11A	

TABULATION OF ROLLING, WETTING & MECH. TAMPING

TICKET NO.		DATE		Excavation Cu. Yds.	Embankment Area	Tandem Roller Hours	3 Wheel Roller Hours	1 Unit Rubber Tired Roller Hours	Mech. Tamping Hours	WETTING Grade Sq. Yds.	WETTING Sand Sq. Yds.	WETTING Mulch Sq. Yds.
25001	25013	8-26-57	9-10-57	–	–	–	–	3	1044.0			780
25014	25028	9-11-57	9-27-57	–	4	54	18	744.0	426.5			1800
25029	25050	9-28-57	10-23-57	308	345	23	88	19300	127.5			870
25051	25054	10-24-57	10-28-57	28	–	–	48	2280	–			333
25055	25096	10-29-57	12-27-58	–	–	–	179	26165	–			5490
25098	25100	2-28-58	3-4-58	–	–	–	–	122.5	–			450
25101	25129	3-5-58	5-6-58	–	–	65	11	660.0	600.0			232.5
25130	25144	5-13-58	5-29-58	2285	–	21	–	–	–			–
TOTALS								7369.0	1224.0			12470
PROJECT TOTALS				5645	385	163	347		9840.0			

TABULATION OF R.O.W. MARKERS

STATION	SIDE	REMOVE EACH	PLACED EACH	ELEVATION RIGHT	ELEVATION LEFT
441+00	Lt	2			
448+45	Lt	1			
449+20	Rt	1			
451+82.9	Rt & Lt		2	7764.66	7762.26
464+00	Lt		1		7756.22
468+25	Rt	2			
475+00	Rt		1	7759.69	
491+00	Lt		1		7760.35
494+50	Rt & Lt	2			
500+72.2	Rt & Lt		2	7766.25	7762.96
503+25	Rt & Lt	2			
517+78.0	Rt & Lt		2	7778.27	7775.11
522+63	Lt	1			
523+10	Rt	1			
531+43	Rt	1			
532+70	Lt	1			
532+81	Rt & Lt		2	7797.98	7795.11
549+20	Lt	2			
555+40	Rt & Lt		2	7875.28	7875.19
574+25	Rt & Lt		2	7897.46	7904.14
574+580	Rt & Lt		2	7963.08	7957.88
588+00	Lt		1		7957.88
600+00	Rt		1	7969.29	
605+30	Rt & Lt	2			
606+385	Rt & Lt		2	7969.81	7964.40
6[illegible]	Rt & Lt		2	7934.05	7918.28
PROJECT TOTALS		18 x	23 x		
24' Roadway		16.18	16.17		
36' Roadway		8.0	7.6		

FINAL CONSTRUCTION SHEET

TABULATION OF TON MILE OVERHAUL

In Book 2975 Pg. 65

STATION		TONS PLANT MIX TOP COURSE	TONS PLANT MIX BOTTOM COURSE	TONS BASE COURSE SURF.	TON MILE OVERHAUL PLANT MIX TOP COURSE	TON MILE OVERHAUL PLANT MIX BOTTOM COURSE	TON MILE OVERHAUL BASE COURSE SURF.
443+50	463+50	280.60	808.50	1710.80	608 x	1752 x	3707
463+50	483+50	280.60	808.50	1710.85	302 x	1446	3039
483+50	503+50	280.60	808.55	1710.80	395 x	1139	2911
503+50	523+50	280.65	808.45	1710.85	289 x	833	1763
523+50	541+00	245.55	708.00	1497.00	166 x	478	1017
541+00	554+50	282.60	710.35	1724.80	110 x	271	544
554+50	574+50	418.60	1052.35	2110.85	195	466	935
574+50	591+00	345.30	867.40	1740.25	272	650	1304
591+00	611+00	280.65	808.55	1710.80	318	817	1736
611+00	625+00	196.35	565.05	1197.35	286	823	1744
625+00	640+00	231.30	663.10	1291.90	320	1148	2238
640+00	670+00	671.80	1691.65	3183.85	1249	3147	5921
670+00	700+00	671.80	1691.65	3183.85	1031	2598	4887
700+00	750+00	1119.60	2818.00	5306.30	3500	8814	16589
750+00	800+00	1119.60	2818.00	5306.30	4940	12438	23406
800+00	810+00	223.90	563.65	1061.20	595 x	1498 x	2820
810+00	825+50	239.20	685.15	1335.80	125 x	358 x	698
BF. 001-3 (9) Road Approaches			556.00	1636.10		1338	4271
BF. 001-3 (10) Road Approaches			434.55	1149.00		372	1147
Spot	Loads		448.65	360.50		367	1510
TOTALS		7,169.00 x	20,310.50	42,335.70 x	18,642 x	45,220	93,855
	24' Roadway	2,345.80	7,372.10	15,867.60 x	4,218	12,547	26,508
	36' Roadway	4,823.20	12,938.40	25,497.80	13,824	36,288	76,189
			10618.8	20360.85	12788	32072	60502

SHEET TOTALS		
	EXCAVATION	CU. YDS.
	EXCAVATION	CU. YDS.
	EMBANKMENT	CU. YDS.

1962

NOTE:

Alignment and Grades as shown are subject to modification during construction after approval by the Denver Office.

Soil data shown on the plans is obtained from the best available testing laboratory information. This information is shown for convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction, the grading plan shown on plans will be modified where necessary to secure dense, stable embankments.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-3(10)	25	

Rev. 7-12-57 at R.L.M. 464+00
447+~~75~~ to ~~463+30~~ to Relocate Irrigation Ditch Lt.

FINAL CONSTRUCTION SHEET

Grazing Land

SW 1/4, Sec. 14
T 15S, R 78W, 6th. P.M.

Mountain States Tel. & Tel. Co.

425+77.3 P.O.T.

75' Projected Line
2.5' East of Survey Line

R.E.A. Power Line, Sangre De Cristo Elec. Co.

Structure No. J-12-H

Guard Posts

Comb Fence Right

End Comb.

Willows

16' Wire Gate
2" Iron Pipe, 4" Tall

Light Brush

Sign

36"x54" C.M.P.

Guard Posts

Wet Post & Barbed Wire Fence

Forest Service Marker
R.O.W. Marker

437+85.3 P.O.T.

S 20°45'45" W

Bearing Equation
S 19°51' W Bk. on Proj. F.A.P. 248 C =
S 20°45'45" W Ahd. on Proj. BF 001-3(9)

Grazing Land

Mountain St. Tel & Tel. Co.

Sec. Line

440+89.5 T.S. (Survey)
440+96.2 T.S. (Proj.)

Δs = 6°00'
Ls = 400'
Xc = 399.56'
Yc = 13.95'

E 1/2 NW 1/4, Sec. 23
T 15S, R 78W, 6th. P.M.

R.O.W. Markers

Weeds

Old Borrow Pit

105' Limit

444+89.5 S.C. (Survey)
444+96.2 S.C. (Proj.)

Sta. 442+13.0 P.O.S.T. (Proj.)

Δ = 20°36' Lt.
Δc = 8°36'
Tc = 149.6'
Dc = 3°00'
Lc = 286.1'
Rc = 1910.0'
Es = 54.7'
Es = 34.9'
HSD > 1300'

(Survey & Proj. Data)

18" C.M.P. Siphon
80' Ft. Long

R.O.W. Markers

Easement

R.O.W. Marker

50'

75'

S 0°09'45" W

15.2' Face of 13.5' Wings
R 18 Lt.

W 1/2 NW 1/4, Sec. 23
T 15S, R 78W, 6th. P.M.

14' Comb Gate

R.O.W. Marker

F 001-3(10)

444+96.2 on Proj. (Project Marker Rt.) (State Forces)

444+96.2 on Proj. (Project Approach) to Protect.

Remove 8'x8' 100' C.M.P. Spalled, Repair 42"x18"x60' Cross Culvert in Irrigation Ditch

(Survey) 446+31.2
446+43.9 (Proj. Line)

STA. 444+96.2
BEGIN F 001-3(10) =
OPP. STA. 444+90 (APPROX.)
ON FAP 248-C
or R.E.A. Power Line, Sangre DeCristo Elec. Co. Cl.

CLEARING AND GRUBBING
444+00 to 455+00
1 ft. Brush & Weeds

B.M. NO 1 Elev. 7694.05 On S.W. Corner of Chalk Creek at Sta. 425+77

B.M. NO 2 Elev. 7715.07
Hub & Guard 70' Rt. Sta. 428+30

B.M. NO 3 Elev. 7732.46
Nail in Telephone Pole 177' Lt. Sta. 434+04

B.M. NO 4 Elev. 7757.20
Nail in Telephone Pole 47' Lt. Sta. 437+74

B.M. NO 5 Elev. 7765.68
Nail in Telephone Pole 80' Rt. Sta. 443+78

No. 1 Oil Mat
No. 1A A-1-b(0)
LL = 20.7
PI = NP
%200 = 7A

No. 2 Oil Mat
No. 2A A-1-b(0)
Similar to No. 1A

No. 3 A-1-b(0)
Similar to No. 1A

No. 4 Oil Mat
No. 4A A-1-b(0)
LL = 19.5
PI = NP
%200 = 7A

No. 5 Oil Mat
No. 5A A-1-b(0)
Similar to No. 4A

NOTE
Place A-1-b(0) Material from cut Sta. 554+ to 500+ in upper portion of fills.

+0.80%

-1.63%

8.00% V.C.
N.R.S.D. = 1.20

300' V.C.

1400' V.C.
N.R.S.D. = 6.25

Pl 7696.09

Future Construction

EMB.
EMB x FACTOR(1.25)
EXCAV.
STA. YD. O.H.
YD. MI. O.H.
BORROW
BORROW SOURCE

PLAN
SURVEYED
PLOTTED
DRAWN
E.M.A. NOTED
STRUCTURE MITIGATED

PROFILE
SURVEYED
PLOTTED
DRAWN
E.M.A. NOTED
STRUCTURE MITIGATED

DATE | BY

FE-1056
COLORADO DEPARTMENT OF HIGHWAYS
DIVISION OF PUBLIC ROADS

PLATE I-PLAN-PROFILE U. S. P. R. STANDARD

ITMENT OF HIGHWAYS

362

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F001-3(10)	25	

Rev. 7/12/57 on R.L.M.

FINAL CONSTRUCTION SHEET

455+ to 553+ on Remove Unsuitable Material ~~(Approximately 1.5' deep)~~, see Cross Sections)

Δ = 6°00'
Ls = 400'
Kc = 399.56'
Yc = 13.95'

451+76.2 S.T. (Survey)
451+82.9 S.T. Bk. Proj. = 90.8'
451+83.3 Ah. Survey Line

E 1/2 NW 1/4, Sec. 23
T 15 S, R 78 W, 6th. P.M.

Pasture

464+69 - 469+35 ± Irrigation Ditch Lt.

468+66 on Remove 18"x 40' C.M.P. & Concrete Headwall, Reqd. 29"x 18"x 62' Arch Cross Culvert & Ditches (W=2')

470+50 on Remove 18"x 42' C.M.P. & Concrete Headwall, Reqd. 29"x 18"x 74' Arch Cross Culvert & Ditches (W=2')

472+69 - 481+00 ± Irrigation Ditch Lt.

474+84 on Remove 24"x 40' C.M.P. & Concrete Headwall, Reqd. 29"x 18"x 66' Arch Cross Culvert & Ditches (W=2')

475+96 on Remove Road Approach Lt. 18"x 26' C.M.P.

NE 1/4 SW 1/4, Sec. 23
T 15 S, R 78 W, 6th. P.M.

Meadow

Junk Yard

Garden

Barn Yard

R.E.A. Power Line, Sangre De Cristo Elec. Co.

Easement

Wd. Posts

Wire Line

Sign

Mountain States Tel. & Tel. Co.

S 0°09'45" W

Wire

12' Wire Gate

Standing Water

18"x 40' C.M.P.

16' Wire Gate

R.O.W. Markers

20' Wire Gate

18"x 40' C.M.P.

1-18"x 26' C.M.P.

1-18"x 26' Conc. Hd. Wall

1-18"x 26' Conc. Hd. Wall

24"x 40' C.M.P.

1-24"x 26' Conc. Hd. Wall

Wire

Wood

14' Wd. Gate

Standing Water

S 0°24'45" E

Mail Box

83'30 C.M.P. Side Drain

Open Drive

457+10 on ~~Reqd.~~ 29"x 18"x 68' Arch Cross Culvert & Ditches (W=2')

W 1/2 NW 1/4, Sec. 23
T 15 S, R 78 W, 6th. P.M.

Range Land

462+82 on Relay 18"x 26' C.M.P. as Side Drain to Intercepting Ditch Rt. Reqd. Road Approach Rt.

463+29 on Remove 18"x 41' C.M.P. & Conc. Headwall, ~~Reqd.~~ 29"x 18"x 74' Arch Cross Culvert & Ditches (W=2')

468+66 to 474+60 on Reqd. Intercepting Ditch Rt.

467+47 ~~Reqd.~~ Road Approach Rt.

474+95 ~~Reqd.~~ Road Approach Rt.

475+00 Pl.
1+34.30 Lt.

479+74 ~~Reqd.~~ Remove 18"x 30' C.M.P. ~~Reqd.~~ 18"x 28' Side Drain & Road Approach Rt.

W 1/2 SW 1/4, Sec. 23
T 15 S, R 78 W, 6th. P.M.

Meadow

EQUATION 451+82.9 Bk = 451+83.3 Ah.

453+00 to 468+00 on Required Intercepting Ditch Rt. (W=2')

CLEARING AND GRUBBING
455+00 +480+00
Light Weeds & Meadow Grass.

B.M. NO 6 Elev. 7764.13
Hub & Guard 100' Rt Sta 453+00

B.M. NO 7 Elev. 7761.51
Hub & Guard 100' Rt Sta 460+10

B.M. NO 8 Elev. 7763.56
Hub & Guard 100' Rt Sta 468+10

B.M. NO 9 Elev. 7760.79
Nail in Power Pole 49' Lt Sta 476+23

(Mountain States Tel. & Tel. Co. Cl.)

(R.E.A. Power Line, Sangre De Cristo Elec. Co. Cl.)

600' V.C.

1000' V.C.

7780
7770
7760
7750
7740

450 455 460 465 470 475 480

EMB.
EMB.×FACTOR (=28)
EXCAV.
STA. TO O.H.
YD. MI. O.H.
BORROW
BORROW SOURCE

PLAN — SURVEYED, PLOTTED, INPT. BOOK, NOTES CHECKED, MT. OF WAY CHECKED, NO. 19000, 19000

PROFILE — SURVEYED, PLOTTED, NOTE BOOK, NOTES CHECKED, NO. 19000, STRUCTURE NOTES (IF TYP.)

DATE

1500 379 5-54
DENVER BLUE PRINT CO

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-3 (10)	27	

Rev 7/12/57 to R.L.M.

FINAL CONSTRUCTION SHEET

481+50 to 508+00 ~~Reqd.~~ Irrigation Ditch Lt.

SE 1/4 SW 1/4, Sec. 23 T15S, R78W, 6th. P.M.

W 1/2 SW 1/4, Sec. 23 T15S, R78W, 6th. P.M.

E 1/2 NW 1/4, Sec. 26 T15S, R78W, 6th. P.M.

W 1/2 NW 1/4, Sec. 26, T15S, R78W, 6th. P.M.

Meadow

Easement

24"x46' C.M.P.

18"x32' C.M.P.

24"x50' C.M.P.

18"x30' Side Drain Open Drive

Mail Box

Comb. Wire & Wd. Posts

Wd. Line

Mountain States Tel & Tel Co.

Standing Water

Coast Wire & Wd. Posts

Ditch on Dyke

Scattered Sheds

Comb. Wire Gate

R.O.W. Marker

Gas Creek School Yard

Wd. Posts

Side Drain

Fed. Aid Pri. Proj. 248-B

Willows

Cattle Guard

Water Line (Approx. 3' Bur.)

Ditch 18"x30' C.M.P. Side Pipe

18"x46' C.M.P. X-Drain, T.S. Ditch

481+46 ~~Reqd.~~ to 492+42 ~~Reqd.~~ Intercepting Ditch Rt. (W=2')

495+20 to 503+22 ~~495+28 to 504+60 Reqd.~~ Intercepting Ditch Rt. (W=2')

504+~~78~~ to 507+~~62 Reqd.~~ Irrigation Ditch Change Rt (W=2')

507+~~62~~ to ~~522+90 Reqd.~~ Intercepting Ditch Rt. (W=2')

CLEARING & GRUBBING ~~on~~ 480+00 to 510+00 Light Weeds & Meadow Grass

481+46 ~~Reqd.~~ Remove 24"x46' C.M.P. & Concrete Headwall, ~~Reqd.~~ 29'x18'x46' Arch Cross Culvert & Ditches (W=2')

490+35 ~~Reqd.~~ 18"x26' Side Drain in Irrigation Ditch & Road Approach Lt.

494+~~66~~ ~~Reqd.~~ Road Approach Lt.

493+04 ~~Reqd.~~ Remove 18"x42' C.M.P. & Concrete Headwall, ~~Reqd.~~ 29'x18'x46' Arch Cross Culvert & Ditches (W=2')

494+~~77~~ ~~Reqd.~~ Remove 18"x50' C.M.P. Road Road Approach Rt.

495+28 ~~Reqd.~~ Remove 24"x30' C.M.P. & Concrete Headwall, ~~Reqd.~~ 29'x18'x46' Arch Cross Culvert & Ditches (W=2')

497+00 to 506+00 Irrigation Ditch Lt.

496+91.6 P.O.T.

497+05 ~~Reqd.~~ Remove 18"x48' C.M.P. & Concrete Headwall, ~~Reqd.~~ 29'x18'x46' Arch Cross Culvert & Ditches (W=2')

500+~~22~~ ~~Reqd.~~ Relay 24"x24' C.M.P. & Side Drain in Intercepting Ditch Rt. Road Approach Rt.

500+72.2 T.S.

Δs = 9°00'
Ls = 600'
Xc = 598.62'
Yc = 31.36'

Δ = 33°10'30" Rt.
Δc = 15°10'30"
Ts = 871.0'
Dc = 3°00'
Lc = 505.8'
Rc = 1810.0'

506+72.2 S.C.

H.S.D. > 1300'

509+70 ~~Reqd.~~ Remove 1'-1" Water Line & ~~to be~~ connected to present Line.

509+43.2 P.I.

523+10

B.M. NO 10 Elev. 7759.72
Nail in Power Pole 49' Lt. Sta 485+75

B.M. NO 11 Elev. 7762.29
Nail in Fence Post 50' Lt. Sta 495+22

B.M. NO 12 Elev. 7765.01
Nail in Power Pole 53' Lt. Sta 503+84

Mountain States Tel & Tel Co. Cl.

1000' V.C.

800' V.C.

-0.26%

10.50%

8.00%

10.84%

7.00%

7780
7770
7760
7750
7740

PROFILE
SURVEYED
PLOTTED
NOTE BOOK CHECKED
NO. 9100 IN NO. NOTED
STRUCTURE, POSITIONS CHKD.

EMB.	
EMB. x FACTOR (1.25)	
EXCAV.	
STA. YD. O.H.	615
YD. MI. O.H.	
BORROW	122,812
BORROW SOURCE	
	93,843
	1,631,743
	197,147
	226

480 485 490 495 500 505 510

1500-373-5-54
DENVER BLUE PRINT CO.

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-3(110)	28	

FINAL CONSTRUCTION SHEET

Rev 7/12/57 on R.L.M.

Irrigation Ditch Lt

526+35 to 538+70

SW 1/4, Sec. 26
T 15S, R 78W, 6th. P.M.

S 1/2 SE 1/4, Sec. 27
T 15S, R 78W, 6th. P.M.

NE 1/4 SE 1/4, Sec. 27
T 15S, R 78W, 6th. P.M.

W 1/2 NW 1/4, Sec. 26
T 15S, R 78W, 6th. P.M.

Δs = 9°00'
Ls = 600'
Xc = 598.52'
Yc = 31.36'

R.E.A. Power Line, Sangre De Cristo Elec Co

Mountain States Tel & Tel Co

Meadow

Easement

Mobil Posts

Wd. Posts

Sign

R.O.W. Marker

14' Comb. Wire Gate

S32°45'45"W

5% Line

Swamp

CLEARING & GRUBBING
510+00 to 540+00
Light Weeds & Meadow Grass

B.M. NO 13 Elev. 7773.19
Hub & Guard 100' Rt. Sta 513+75

B.M. NO 14 Elev. 7782.52
Hub & Guard 100' Rt. Sta 520+75

B.M. NO 15 Elev. 7787.57
Nail in Telephone Pole 49' Rt. Sta 525+80

B.M. NO 16 Elev. 7796.08
Nail in Telephone Pole 49' Rt. Sta 530+33

B.M. NO 17 Elev. 7805.97
Hub & Guard 100' Rt. Sta 536+75

Mill Water at 3 Ft.

EMB.
EMB. x FACTOR (-20%)
EXCAV.
STA. YD. O.H.
YD. MI. O.H.
BORROW
BORROW SOURCE

510 515 520 525 530 535 540

7820 7810 7800 7790 7780 7770 7760

PLAN — SURVEYED, PLOTTED, TRACED, CHECKED, NOTE AND STRUCTURE NOTES NO CHGS.

PROFILE — SURVEYED, PLOTTED, TRACED, CHECKED, NOTE AND STRUCTURE NOTES NO CHGS.

DENVER BLUE PRINT CO

EPARTMENT OF HIGHWAYS

N 1 5 1962

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-3(10)	29	

Rev. 7/12/57 to R.L.M.

FINAL CONSTRUCTION SHEET

Δ = 49°57' Lt.
Δc = 31°57'
Tc = 1,192.98'
Dc = 3°00'
Lc = 1,065.0'
Rc = 1,910.0'
H.S.O. > 1300'

BEGIN 36' ROADWAY

S 1/2 SE 1/4, Sec. 27
T15S, R78W, 6th. P.M.

540+94 to Remove Concrete Headwalls & Strainer Gate, Plug Culvert

540+76

Strainer Gate

Pasture

200.0' to Remove Concrete Box Culvert

550+22 to 554+ ~~(end 555)~~ of 8" Underdrain & ~~555~~ of 12" Underdrain All C.M. Pipe Underdrain (Details on Sheet No. 21)

~~551+50 to 552+00 Road Ditch Change Lt.~~

Δs = 9°00'
Ls = 600'
Xc = 598.52'
Yc = 31.36'

550+46.0 S.C.

Cottonwoods

Mountain States Tel & Tel Co.
R.E.A. Power Line, Sangre De Cristo Elec. Co.

Cultivated

NW 1/4, Sec. 35
T15S, R78W, 6th. P.M.

553+12 AH on Recpt 241.38' Lt. Long Span Welded Steel Pipe with Concrete Inlet & Outlet Boxes, Ditches with Conc. Slope & Wing Corners on Recpt 241.38

563+67.3 EAST

Old Borrow Pit

566+19 Sta. 1/2 A1 on Recpt 241.185' Lt. Long Span Welded Steel Pipe with Concrete Inlet & Outlet Boxes, Ditches with Conc. Slope & Wing Corners on Recpt 241.185

Spring

Cottonwoods

Johnson Ditch

Old Road

S0°23'45"W

Δ = 16°47'30" Rt.
D = 1°00'
T = 845.7'
L = 1,679.2'
R = 5,730.0'
H.S.O. = 1270

S 1/2 NE 1/4, Sec. 34
T15S, R78W, 6th. P.M.

CLEARING & GRUBBING
540+00 to 550+00 = Light Weeds, Meadow Grass & Willows.
555+00 to 570+00 = Light Brush & Weeds. Remove Cottonwood Trees Lt. of 565+

543+60 to 549+30 ~~544+00 to 549+00~~ Road Approach Rt.

544+74.0 P.I.

Standard 4'x4' Conc. Box with Wing Walls 612' Hd. Walls

Stable

Store

Pasture

547+80 ± Remove Concrete Box Culvert Rt.

547+90 ± Remove Concrete Box Culvert & Misc. (W=3'INC) Culvert & Misc. (W=2') Metal Aprons

550+60 ± Road 60' Rt. Cross Culvert (No. Metal Aprons)

552 ~~551+~~ to 554+ ~~Road~~ Intercepting Ditch Rt. (W=2')

554+50 to 181.37' Side Drain & Road Approach 181.37' Lt.

554+ to 565+ ~~Road~~ Contour Ditches Rt. & Lt.

Sidedraw & Road Appr. Rt.

Sage Brush

Easement

Cultivated

Contour Ditches

557+75.5 P.C.

N 1/2 NE 1/4, Sec. 34
T15S, R78W, 6th. P.M.

S17°11'15"E

555

560

565

Johnson Ditch

Old Road

B.M. NO 18 Elev. 7808.55
Hub & Guard 100' Lt. Sta 54 44+00

B.M. NO 19 Elev. 7827.50
Nail in Power Pole 130' Rt. Sta 550+75

B.M. NO 20 Elev. 7847.46
Hub & Guard 130' Rt. Sta 552+65

B.M. NO 21 Elev. 7869.25
Hub & Guard 100' Rt. Sta 555+00

B.M. NO 22 Elev. 7909.15
Hub & Guard 100' Rt. Sta 558+75

B.M. NO 23 Elev. 7948.31
Hub & Guard 100' Rt. Sta 562+00

B.M. NO 24 Elev. 7957.15
Hub & Guard 125' Rt. Sta 565+00

1600' V.C.

R.E.A. Power Line, Sangre De Cristo Elec. Co. Cl.

Springs 400' Lt. & Rt.

Swamp

Right Material and Boulders (Similar to "A-2")

Emb.
Emb. x Factor
Excav.
Sta. Yd. O

2400 V.C.

EMB.
EMB. x FACTOR (L25)
EXCAV.
STA.-YD. O.H.
YD. MI. O.H.
BORROW
BORROW SOURCE

7870
7860
7850
7840
7830
7820
7810
7800

7940
7930
7920
7910
7900
7890
7880
7870

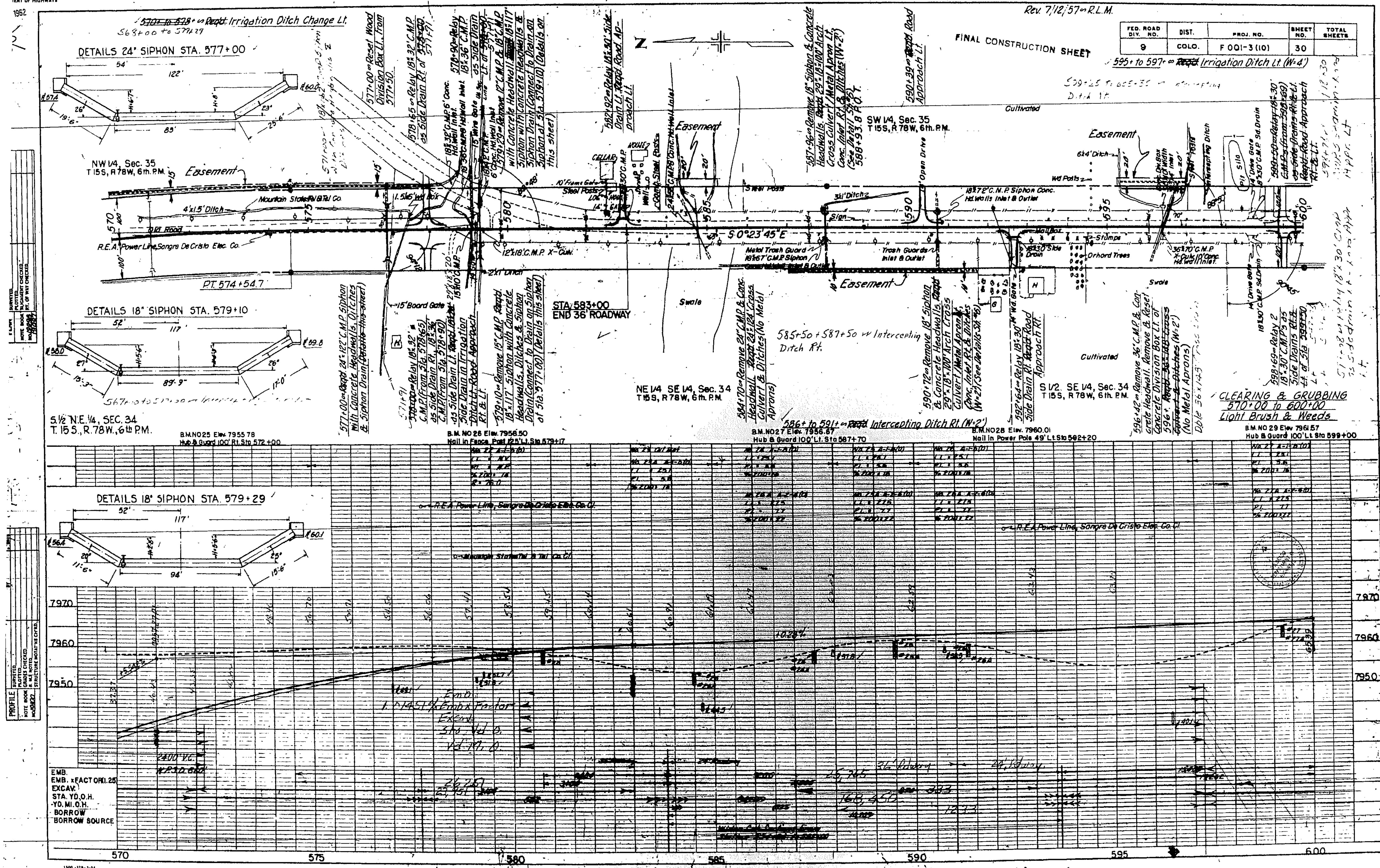
7970
7960
7950
7940
7930
7920
7910

540
545
550
555
560
565
570

DENVER BLUE PRINT CO

FINAL CONSTRUCTION SHEET

FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-3 (10)	30	



FED. ROAD DIV. NO.	DIST.	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F 001-3(10)	31	

Rev 7/12/57 - RLM

S.W. 1/4, SEC. 35, T.15 S., R.78W., 6th P.M.

DETAILS 18" SIPHON STA. 610+46

DETAILS 24" SIPHON STA. 605+51

DETAILS 24" SIPHON STA. 605+79 (SKEW 76° Rt.)

S.W. SE 1/4, SEC. 34 T.15S., R.78 W., 6th P.M.

600+00 to 606+ Regd. Irrigation Ditch Lt. (W-2')

606+ to 622+ Regd. Irrigation Ditch Lt. (W-2')

STA. 615+00 END GRADING F 001-3(10)

BEGIN GRADING BF 001-3(9)

ON WORK ORDER NO. 12573

* WORK DONE ON BF 001-3(9)

*629+ to 633+ Regd. Irrigation Ditch Lt.

FINAL CONSTRUCTION SHEET

Easement

2W Ditch

Mountain States Tel. Co.

R.O.W. Markers

Sign

R.E.A. Power Line, Sangre De Cristo Elec. Co.

Outlet 12" underground

Posture & Meadow

S 0°23'45" E

S 9°54'15" W

NW 1/4, Sec. 9 T.15N., R.8E., N.M.P.M.

For Alignment and Grade Between Sta. 615+00 and 825+08.7 See Plans for BF 001-3(9)

610+55 to 613+55 ± Intercepting Ditch Rt. (W-2')

613+55 to 644+85 ± 700' of 6" C.M.P. Underdrain (Leave present Underdrain in place) (Details on Sh. #2)

600+00 to 630+00 - Clear & Grub Light Brush, Weeds & Willows

* 624+00 to 629+00 ± Regd. Approach to Project

* 626+05 ± Remove 10'-3" C.B.C. Regd. Channel Improvement (W-12') 84"x72" Cross Culvert & Headwalls (Std. M-115-CA)

* 626+50 ± Regd. Road Approach Lt.

* 628+07 ± Remove 15" C.M.P. & Headwall. Regd. 24"x78" Cross Culvert & Ditches.

* 630+00 ± Regd. Project Marker At (State Forces)

Project Marker Rt. Sta. 615+00

SW 1/4, Sec. 9 T.15N., R.8E., N.M.P.M.

BF 001-3(9)

F 001-3(10)

List of Structures for Requirements Sta. 635+10 to 646+ & Sta. 641+ to 647+

B.M. NO 30 Elev. 7983.53 Hub & Guard 12.5' L.& Sta. 606+00

B.M. NO 31 Elev. 7950.50 Nail in Telephone Pole 46' Rt. Sta. 616+41

B.M. NO 32 Elev. 7911.81 Nail in Telephone Pole 46 Rt. Sta. 623+50

B.M. NO 33 Elev. 7921.78 Nail in Telephone Pole 47 Rt. Sta. 628+50

7960 7950 7940 7930 7920 7910 7900

7909.95 P.I.

EMB.
EMB. x FACTOR (1.25)
EXCAV.
STA. YD. O.H.
YD. MI. O.H.
BORROW
BORROW-SOURCE

20963 21267 21267 12467 1704 1607 7498 7607 61926 794

600 605 610 615 620 625 630

TITLE SHEET
1962

FEDERAL ROAD REGION NO	DIVISION	PROJ NO	SHEET NO	TOTAL SHEETS
9	COLORADO	F001-3(13)	1	

RIGHT OF WAY SALIDA-NW

COLORADO
DEPARTMENT OF HIGHWAYS

PLAN AND PROFILE OF PROPOSED

FEDERAL AID PROJECT NO. F 001-3 (13)

STATE HIGHWAY NO. 291

CHAFFEE COUNTY

SCALES OF ORIGINAL DRAWINGS

ON PLAN 1 IN = 100 FT
ON PROFILE 1 IN = 100 FT HORIZONTAL
1 IN = 10 FT VERTICAL

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD

NET LENGTH OF PROJECT IN R.O.W 1.70 MILES

RIGHT OF WAY

CONVENTIONAL SIGNS

CENTER LINE
RIGHT OF WAY LINE (Plan Sheet; R O W MARKER; Title Sheet)
COUNTY LINE
TOWNSHIP OR RANGE LINE
LAND LINES (Section Line; 1/6 Section Line; 1/16 Section Line)
RAILROAD (Title Sheet; Plan Sheet)
BARBED WIRE FENCE
COMBINATION WIRE FENCE
SNOW FENCE
TELEPHONE & TELEGRAPH LINES
POWER LINE
DETOUR
PRESENT ROAD (Plan Sheets)

INDEX OF SHEETS

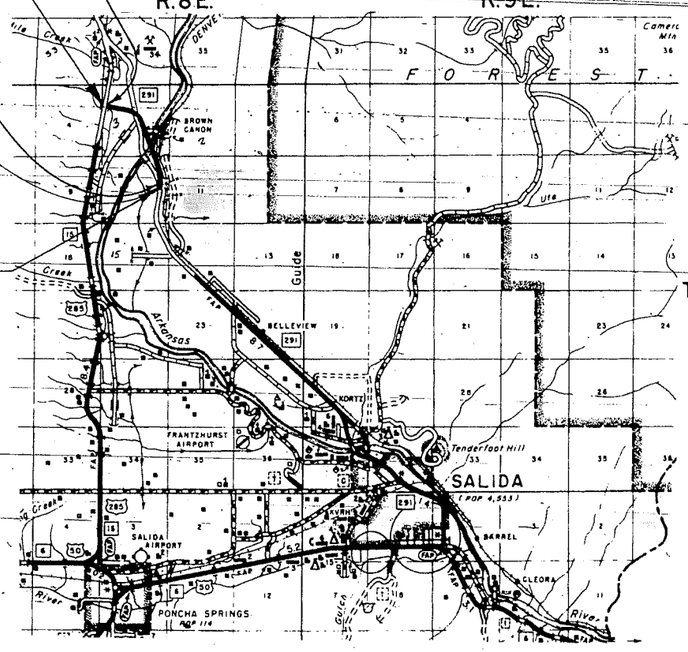
STA. 0+12.0 BEGIN F 001-3(13) =
12' Lt. of STA. 61+00 on F.A.P. 68-G (1) & (2)

STA. 11+00.0 BEGIN F001-3(13) R.O.W.

STA. 75+22.5 END F 001-3 (13) =

20' Rt. Opp. S.T. STA. 81+22.5 on F 001-3( ) (Future Tie) =
STA. 983+09.2 Ah. on F.A.P. 248 A

STA. 88+50.0 END F001-3(13) R.O.W.



MAR 28 1963

FED. ROAD REGION	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F001-3(5)		

FINAL CONSTRUCTION SHEET

SUB-BASE TABULATION

MATERIAL PLACED	SOURCE	QUANTITY & THICKNESS CLASS -			OVERHAUL	
		AVAIL.	THICKNESS	TONS	TON-MILE	
APPROACH TO PROJ. Sta. 48+00 ~ 74+00 U.S. Highway 285						
48+00 to 65+00	PIT No.1 290'Lt. to ℄ Sta. 53+00		10"	6892.20	7935	See W.O. No. 1279
65+00 to 74+00			4"	975.75	1188	
RIGHT TURN LANE			4"	128.50	135	
CURB-MEDIAN		36000 Cu. Yds		560.00	617	
SPOT LOADS				128.80	141	
0+33 to 30+00			4"	3198.10	2467	
30+00 to 36+00			4"	643.20	279	See W.O. No. 1279
36+00 to 53+00			4"	1835.15	396	
53+00 to 58+07			4"	545.65	56	
~Bridge~						
60+78.5 to 75+22.5				1512.45	513	
APPROACH TO PROJ.						
75+22.5 to 81+69			4"	654.20	351	
BRIDGE ENDS				199.00	35	
SPOT LOADS				684.50	16	
TOTAL				17,338.45	14,123	

Book 4 Page 5

SURFACING TABULATION

MATERIAL PLACED	SOURCE	AVAIL.	GRADING "C" TONS PLANT-MIX ASPH. SURF. TOP LAYER	GRADING "C" TONS PLANT-MIX ASPH. SURF. BOT. LAYER	GRADING "C" TONS BASE COURSE	TON MILE OVERHAUL PLANT-MIX ASPH. SURF. TOP LAYER	TON MILE OVERHAUL PLANT-MIX ASPH. SURF. BOT. LAYER	TON MILE OVERHAUL BASE COURSE
APPROACH TO PROJ. Sta. 48+00 ~ 74+00 U.S. Highway 285								
0+33 to 53+00	PIT No.1 290' Lt. to ℄ Sta. 53+00	36,000 Cu. Yds.	1122.15	1709.60	3552.60	1905	2002	4144
53+00 to 58+07			906.75	2696.60	5330.65	502	1493	2952
~Bridge~			70.13	262.05	500.85	7	27	52
60+78.5 to 75+22.5			217.17	777.50	1448.90	93	264	491
APPROACH TO PROJ. 75+22.5 to 81+75				567.15				305
75+22.5 to 82+50 APPROACHES			110.80	331.45		60	180	
				276.10	1389.05		119	559
BRIDGE WIDENING			11.25			2		
SPOT LOADS					190.40			128
SHOULDER ROLL				65.45*			215	
TOTAL			2438.25	6053.30	12,979.60	1949	4110	8631

* Not included in Total

Book No. 4 Page 9

SUMMARY OF ASPHALTIC SHOULDER ROLL

STATION	SIDE	LIN. FT.
14+00 to 20+99	Rt.	699
21+01 to 26+75	Rt.	574
34+62 to 42+10	Rt. & Lt.	1496
43+95 to 51+50	Rt. & Lt.	1510
TOTAL LIN. FT.		4279
TOTAL TONS		65.45

Book No. 4 P-10-11-18

TABULATION OF SCALE BOOKS

BOOK No.	SUB-BASE MATERIAL Gravel Tons	BASE COURSE MATERIAL Tons	PLANT MIX ASPHALTIC Top Layer Tons	PLANT MIX SURFACING Bottom Layer Tons	PLANT MIX ASPHALTIC Shoulder Roll Tons	STONE SCREENINGS Tons
1	3530.40					
2	3673.85					
3	3714.00					
4	3676.15					
5	759.00					
6	1985.05	1595.15				
7		3243.80				
8		3407.80				
9		3444.80				
10		1288.05				
11			1066.50	2496.85		
12			574.65	3117.15	65.45	
13			797.10	439.30		
14						240.00
Subtotal			2438.25	6053.30		
PROJECT TOTALS	17338.45	12979.60	8497.55		65.45	240.00

Book No. 4 Page 18

SUMMARY OF TIMBER GUARD POSTS

STATIONS	SIDE	SPACING	NO.
52+72	Lt. & Rt.	Culvert	2
58+15	Lt. & Rt.	C.B.D.	2
60+ on U.S. 285	Intersection	x	12
65+90	Lt. & Rt.	Culvert	2
69+50	Lt. & Rt.	Culvert	2
73+08	Lt. & Rt.	Culvert	2
5+00	Lt. & Rt.	Culvert	2
5+78 to 13+81	Lt.	2° Curve	4
14+87 to 27+59	Lt. & Rt.	2° Curve	26
Appr. 25+00	Lt.	Appr.	2
28+65 to 34+80	Lt.	2° Curve	8
36+80 to 38+80	Lt. & Rt.	2° Curve	4
42+00	Lt. & Rt.	Culvert	2
44+24	Lt. & Rt.	Culvert	2
59+	Lt. & Rt.	Bridge	24
63+98 to 65+98	Lt. & Rt.	3° Curve	14
67+98 to 82+07	Lt.	3° Curve	14
PROJECT TOTAL			114

Book 4 P-32

SUMMARY OF R.O.W. MARKERS

STATION	SIDE	NO.	ELEVATIONS LEFT	ELEVATIONS RIGHT
T.S. 7+56.4	LT. & RT.	2	7445.98	7450.68
C.S. 33+02.3	LT. & RT.	2	7358.68	7382.54
T.S. 63+00.3	LT. & RT.	2	7298.93	7296.26
75+22.5	LT. & RT.	2	7312.40	7310.67
81+22.5	RT.	1		7306.94
PROJECT TOTAL		9		

Book 4 P-34

SHEET TOTALS		
	EXCAVATION	CU. YDS.
	EXCAVATION	CU. YDS.
	EMBANKMENT	CU. YDS.

COLORADO DEPARTMENT OF HIGHWAYS
FORM C. D. H. 128
JANUARY, 1952

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. No.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 001-3(13)	5	

It is estimated that material for Subbase and Surfacing for the project is available in the vicinity of the pit indicated in the following tabulations. Estimated quantities involved in these operations are shown below.

Alteration of the Subbase Plan or Surfacing Plan as here outlined will be allowed only on written permission from the Department.

SUBBASE PLAN

MATERIAL TO BE PLACED	SOURCE	QUANTITY AND THICKNESS				OVERHAUL	
		AVAILABLE	CLASS I				TON MILE
			* THICKNESS		TONS		
Approach to Project, Sta. 0±	Pit No. 1 300 ft. to Sta. 53+00 R=82	36,000 Cu. Yds.	4"		3616		4280
0+12 to 30+00			4"		3227		2502
30+00 to 36+00			13"		2238		975
36+00 to 53+00			4"		1836		400
53+00 to 58+07.0 Bridge			4"		548		57
60+78.5 to 75+22.5			4"		1560		532
Approach to Project, Sta. 75+			4"		138		68
Est. for correcting irreg. in Subgrade					1316		881
TOTALS					14,479		3,695

* BASED ON CURVE "D"

TIMBER GUARD POSTS

STATION	SIDE	SPACING	NUMBER
On U.S. 285: 52+72	Lt. & Rt.	Culvert	2
On U.S. 285: 58+15	Lt. & Rt.	C.B.C.	2
On U.S. 285: 60±	Intersection	*	11
On U.S. 285: 65+95	Lt. & Rt.	Culvert	2
On U.S. 285: 69+50	Lt. & Rt.	Culvert	2
On U.S. 285: 73+08	Lt. & Rt.	Culvert	2
5+00	Lt. & Rt.	Culvert	2
5+78 to 13+81	Lt.	2° Curve	6
14+87 to 27+59	Lt. & Rt.	2° Curve	26
21+45	Rt.	Emb. Prot.	1
26+50	Rt.	Emb. Prot.	1
28+65 to 34+80	Lt.	2° Curve	6
36+80 to 38+80	Lt. & Rt.	2° Curve	4
42+00	Lt. & Rt.	Culvert	2
42+60	Lt. & Rt.	Emb. Prot.	2
44+24	Lt. & Rt.	Culvert	2
59±	Lt. & Rt.	Bridge	24
63+72 to 67+72	Lt. & Rt.	3° Curve	6
69+27 to 80+84	Lt.	3° Curve	11
TOTALS			114

*See detail on Sht. No. 17

FENCING REQUIRMENTS

STATION	SIDE	REMOVE FENCE		BUILD B.W. FENCE	BUILD COMB. WIRE FENCE	B.W. GATES	DRIVEWAY GATES
		LIN. FT.		LIN. FT.	LIN. FT.	EACH	EACH
56+ to 65+ (On U.S. 285)	Rt.	1000					
56+ to 65+ (On U.S. 285)	Rt.			1000			
0+60	X	580					
11+30	X	210					
26+20	X	480					
45+10	X	230					
52+05	X	410					
53+40	X	410					
61+05	X	240					
0+60 to 24+60	Lt.			2500			
25+40 to 31+20	Lt.			590			
31+20 to 43+28	Lt.				1240		
43+72 to 58+	Lt.				1500		
60+ to 62+30	Lt.				170		
62+30 to 72+30	Lt.			1040			
0+60 to 28+00	Rt.			2750			
28+00 to 43+28	Rt.				1500		
43+72 to 53+90	Rt.				1070		
53+90 to 58+	Rt.			540			
60+ to 75+22.5	Rt.			1510			
74+ to 75+22.5	Rt.	50					
Approach to Proj. Sta. 75+	Rt.	1340					
Approach to Proj. Sta. 75+	Rt.			1360			
5+50	Lt. & Rt.					2	
13+00	Lt. & Rt.					2	
29+00	Rt.						1
43+50	Lt. & Rt.						2
53+00	Lt. & Rt.						2
64+80	Lt. & Rt.					2	
TOTALS		4,950		11,290	5,480	6	5

SURFACING PLAN

MATERIAL TO BE PLACED	SOURCE	AVAILABLE	GRADING "C" TONS			TON MILE OVERHAUL		
			PLANT MIXED ASPHALTIC SURFACING		BASE COURSE	PLANT MIXED ASPHALTIC SURFACING		BASE COURSE
			TOP LAYER	BOTTOM LAYER		TOP LAYER	BOTTOM LAYER	
Approach to Project, Sta. 0±	Pit No. 1 300 ft. to Sta. 53+00 R=84	36,000 Cu. Yds.	754	1780	3338	893	2107	3951
0+12 to 53+00			793	2908	5341	442	1621	2978
53+00 to 58+07.0 Bridge			76	279	512	8	291	54
60+78.5 to 75+22.5			217	794	1458	74	271	497
Approach to Project, Sta. 75+			19	70	129	9	34	63
Est. for Median Pavement (Appr.)			51			57		
From List of Structures				266	1382		185	967
Est. for Bridge Widening			11			2		
Est. for Shoulder Roll						20		
TOTALS			1,921	6,097	12,160	1,505	4,247	8,510

RIGHT OF WAY MARKERS

STATION	SIDE	NUMBER
T.S. 7+56.4	Lt. & Rt.	2
C.S. 33+02.2	Lt. & Rt.	2
T.S. 63+00.3	Lt. & Rt.	2
75+22.5	Lt. & Rt.	2
87+19.9	Rt.	1
TOTALS		9

PLANT MIXED ASPHALTIC SHOULDER ROLL

STATION	SIDE	LIN. FT.
14+00 to 20+99	Rt.	699
21+01 to 26+49	Rt.	548
35+00 to 42+59	Lt.	759
35+00 to 42+59	Rt.	759
TOTAL LIN. FT.		2,765
TOTAL - TONS		42

STATE DEPARTMENT OF HIGHWAYS
I. C. B. K. 134
1939

LOT 4

FED. ROAD REF. NO. | DIVISION | PROJ. NO.
9 | COLO. | F001-3(13)

RIGHT OF WAY SALIDA-NW

REVISIONS

BEGIN R.O.W. PROJ. F001-3(13)
STA. -1+00.0

P.O.C. 15+00

P.O.T. 14+76.5
323.5

P.I. 83+21.3

S 16° 26' 30" W
299.9'

TO BUENA VISTA

N 30° 12' W
1980'

S 10° 48' W
1880'

PT BEG PARCEL (1) TIE- S 3°59' 30" W- 3604.7' TO SW COR SEC. 3

PT BEG. PARCEL (1A) TIE S 1°42' 30" W- 3452.8' TO SW COR SEC 3

TO PONCHA SPRINGS

+ 0.20% Grade

N 77° 51' 30" W
358.4'

S 79° 12' E
556.4'

S 77° 52' 30" E
392.9'

Arc=2.6'

Arc=1390.6'

Arc=1390.5'

Arc=1390.7'

Scattered pinons

Wash

Fence

OLD LOG CABIN

LOG & TIMBER HOG-OUT CABIN

HOG-OUT LOG STABLE

Δ = 50° 55' Rt.
Ta= 1565.0
Δc=42° 55'
Dc= 2° 00'
Lc= 2145.6
Rc= 2865.0
Ls= 400.0'
θs= 4° 00'
Xc= 399.80'
Yc= 9.30'

(2) (TE) (E-2) MABEL L. LIVELY

(1) (1A) D. H. SMYTH & RUTH L. SMYTH (J.T.)

T.S. 7+56.4

S.C. 11+56.4

S 10° 19' 30" W

1/16 LINE

N

S 3° 46' 30" W

S 0° 20' E

200' V.C.
NASD = 380

-1.00%

-3.60%

-4.00%

B.M. #16
100' Lt. 0+00 H & G.
Elev.: 7473.81

B.M. #13
150' Lt. 3+50 H & G.
Elev.: 7460.45

B.M. #12
93' Lt. 7+15 H & G.
Elev.: 7446.93

B.M. #11
100' Lt. 12+30 (H & G.)
Elev.: 7435.23

B.M. #10
100' Lt. 16+70 H & G.
Elev.: 7422.60

B.M. #9
Elev.: 7397.83

B.M. #8
150' Lt. 23+00 H & G.
Elev.: 7381.88

N.W. 1/4 SEC. 3
T. 50 N., R. 8 E.

STA. 0+12 ~ BEGIN F001-3(13)
12' Lt. Sta. 61+00 ~ F.A.P. 68-G(1)

DATE | BY | SURVEYED | DRAWN | CHAINS CHECKED | B. M.'S SET | B. M.'S VERIFIED | ELEVATIONS CARRIED | NOTE BOOK | NO. | ALIGNMENT CHECKED | BY | DATE

PLAN

PROFILE

7480
7470
7460
7450
7440
7430
7420
7410

0 5 10 15 20 25

DIETZGEN PRICE

COLORADO DEPARTMENT OF HIGHWAYS

FED. ROAD REG. NO	DIVISION	PROJ. NO.	SHT. NO.
9	COLO.	F 001-3 (13)	6

RIGHT OF WAY SALIDA-NW

REVISIONS	
3/1/61	TE-3
3/15/61	RE-3

N.E. 1/4 SEC. 3

TE-3 DELETED

(3) RAYMOND R. MORRIS & EVA B. MORRIS (J.T.)

(4) ASA KELLY

(6) ASA KELLY

(2) (E-2) MABLE L. LIVELY

(5) (TE-5) D.H. SMYTH & RUTH L. SMYTH (J.T.)

(5-A) D.H. SMYTH & RUTH L. SMYTH (J.T.)

Temporary Easement Rqd.

S.E. 1/4 SEC. 3 T 50 N., R 8 E.

PT. BEG. PARCEL (4) TIE-S 45°16'W 376' TO SW COR SEC 3

PT. BEG. PARCEL (3) TIE-S 49°44' 30"W-4041.2' TO SW COR SEC 3

PT. BEG. PARCEL (5) TIE-S 77°17'W 4081.5' TO SW COR. SEC. 3

PT. BEG. PARCEL TIE-S 63°40'W-2972.8' TO SW COR-SEC.3

P.O.T. 43+90

P.O.T. 43+30

P.I. STA. 2

P.I. STA. 37+02.2

C.S. 33 ±02.2

E.T. 37+02.2

R.C. 0+37.8

S 28° 17' E

S 0°20'W.

N 72°56'W-49.2'

N 89°36'30"W

N 89°45'30"W

N 17°18'30"W 212.0'

Arc=315.7'

Arc=553.0'

Arc=186.0'

Arc=1390.5'

Arc=1390.6'

Arc=394.3'

Arc=399.4'

Arc=422.6'

Arc=396.9'

S 45°46'E 196.2'

S 17°43'30"E 132.9' Arc

S 63°40'W 2972.8'

S 63°14'30"W 6321.2'

740.4'

716.3'

931.4'

471.8'

908.0'

127.4'

346.6'

349.7'

412.2'

427.9'

395.4'

107.9'

336.8'

221.6'

118.1'

118'

100'

150'

35'

40'

50'

26.5'

ALFALFA GRAIN FIELD

SCATTERED PINONS

SCATTERED ROCKS

FENCE

DITCH

PRESENT R.O.W.

RECORDED R.O.W.

Santa Fe Trail R.R.

Sangre de Cristo R.R.

1.0% Grade

B.M.#7 170'Lt. 32+08 H&G. Elev.: 7338.57

B.M.#6 150'Lt. 39+00 H&G. Elev.: 7336.32

B.M.#5 80'Lt. 49+00 Nail in tree Elev.: 7306.77

MATCH LINE

SECTION TAKE CUT

200' V.C.

-2.65%

-3.36%

-3.00%

+3.00%

P.I. 7329.60

P.I. 7320.40

P.I. 7353.40

7390

7380

7370

7360

7350

7340

7330

7320

7330

7320

7310

7300

7290

25

30

35

40

45

50

55

DIETZGEN 10X10

COLORADO DEPARTMENT OF HIGHWAYS
Form C. S. R. 134
Jan. 1958

REVISIONS		
4/6/61	STA. Ah change	C.W.

FED. ROAD REC. NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F001-3(13)	5	

RIGHT OF WAY SALIDA-NW

SE1/4 SEC. 3

6 ASA KELLY

7 D.H. SMYTH & RUTH L. SMYTH (J.T.)

END R.O.W. PROJ. F001-3(13)
STA. 88+50.0

DENVER & RIO GRANDE WESTERN R.R.

P.O.C. 71+00 (SUR.)
L. 72+69.0 (SUR.)

POT 58+10.9
POT 58+89.2
POT 59+66.5
POT 60+53.7
POT 60+93.1
POT 60+15.6
N. 89°54' W

908.0'
403.9'
449.1'
682.2'
S 0°14' 30" W
370.3'
227.3'
338.7'
583.7'
S 25°19' 30" E
S 28° 17' E
953.9'
N 25°14' 30" W
230.7'
Arc = 589.6'
563.7'
S 5°25' 30" W
1667.3'
S 8° 23' W
694.0' (Fld.)
S 8° 20' W
736.6'

Barbed wire fence
Trail
Scattered pinons
Large surface rocks
Sangre De Cristo R.E.A.
Arkansas River
Highway 291
Railroad

PT. BEG. PARCELS 6 7 TIE-N 89°54' W 4241.4' TO NW COR. SEC. 10

NOTE: R.O.W. CALCULATED TO (O.P.) LINE

(Sp. & O.P.)
Δ = 36° 40' Rt.
Ts = 935.2'
Δc = 18° 40'
Dc = 3° 00'
Lc = 622.2'
Rc = 1910.0'
Ls = 600'
θs = 9° 00'
Xc = 598.52'
Yc = 31.36'

OPSC 25+22.5
CS 75+56.0
OPSC 69+00.3
SC 69+33.8
TS 63+33.8
OPTS 63+00.3
OPST 81+22.5 Δ = 20°27'38" Rt.
(Sp.) ST 81+56.0
983+56.1 Ah.

STA. 75+22.5 ~ END F001-3(13)

1/16 LINE
1/16 COR. PILE OF STONES & WOODEN STAKE & TACK. 1960
3984.8' TO NW COR SEC 10

B.M. #4 115 Lt. 57+16 Nail in Rock Elev. 7291.80'
B.M. #3 200' Lt. 60+35 (H & C) Elev. 7292.38'
B.M. #2 110' Lt. SC 69+33.8 (Nail in Rock) Elev. 7308.97'
B.M. #1 (X on Conc. R.R. Signal Base) Elev. 7309.19'

N.E. 1/4 SEC. 10 T 50N., R 8 E.

DUE WEST

(ARP) 88+50.0 Bk. 760.30' Ahd.

Solido 9°23' (Fld.)
Normal tangent

7310
7300
7290
7280
7270
7260
7250

400' Vc. S 280

+0.60%

-1.00%

Ditch to remain in place under bridge

Profile on Survey Line

PI 73+40.40

55 60 65 70 75 80 85

COLORADO DEPARTMENT OF HIGHWAYS
FORM C. D. H. 126
OCTOBER 1956

FEDERAL ROAD DIVISION NO.	DISTRICT	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLORADO	F 001-3 (13)	6	

RIGHT OF WAY SALIDA-NW
OWNERSHIP MAP
PLAT

SHOWING CLAIMANTS WITH REGARD TO RIGHT OF WAY FOR PROJECT F 001-3 (13)
ORIGINAL SCALE 1" = 400'

REVISIONS		
3/1/61	TE-3 Added	CEB
3/15/61	TE-3 Deleted	I.W.H.
4/6/61	STA. Ah change	C.W.

(4) (6) ASA KELLY
NW 1/4 OF SE 1/4 SEC. 3
E 1/2 OF SE 1/4 SEC. 3
NW 1/4 OF SW 1/4 SEC. 2
SW 1/4 OF SW 1/4 SEC. 2

(3) RAYMOND R MORRIS & EVA B MORRIS (J.T.)
NE 1/4 SEC. 3
SW 1/4 OF NW 1/4 SEC. 2
TE-3 DELETED

(2) MABEL L. LIVELY
SE 1/4 OF NW 1/4 SEC. 3
E-2 TE-2

(1) (1-A) (5-A) D.H.SMYTH & RUTH L. SMYTH (J.T.)
LOT 4, SW 1/4 OF NW 1/4,
N 1/2 OF SW 1/4
NE 1/4 OF NW 1/4
SEC. 3

(5) TE-5 D.H.SMYTH & RUTH L. SMYTH (J.T.)
SW 1/4 OF SE 1/4
S 1/2 OF SW 1/4 SEC. 3
N 1/2 OF NW 1/4 SEC. 10

(7) D.H.SMYTH & RUTH L. SMYTH (J.T.)
NE 1/4 SEC. 10 Except tract
Te GEORGE G. EVERETT
N 1/2 OF NW 1/4 SEC. 10
SE 1/4 OF SE 1/4 SEC. 4

(4) D.H.SMYTH & RUTH L. SMYTH (J.T.)
LOTS 1, 2 & 3 & S 1/2 OF NE 1/4,
SE 1/4 OF NW 1/4 SEC. 4
SE 1/4 OF SE 1/4 SEC. 4

TO SALIDA
TO BLENA VISTA
TO PONCHA SPRINGS
HWY NO 291
US 285
T 51 N R 8 E
T 50 N R 6 E

"A"	"B"
Δ = 35°31'	Δ = 17°00'
D = 7°00'	D = 4°00'
T = 262.2'	T = 214.1'
L = 507.4'	L = 425.0'
R = 818.6'	R = 1432.5'

Excavation Cu. Yds.	Area	Embankment Area	Cu. Yds.

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
9	COLO.	F001-3(13)		

FINAL CONSTRUCTION SHEET

SUMMARY OF SHOULDER ROLL

ON	SIDE	LIN. F T.
+99	Rt.	699
+75	Rt.	574
+10	Rt & Lt	1496
50	Rt & Lt	1510
FT.		4279
S		65.45

-10-11-18

SUMMARY OF TIMBER GUARD POSTS

STATIONS	SIDE	SPACING	NO.
52+72	Lt & Rt	Culvert	2
58+15	Lt & Rt	C.B.O.	2
60+	Intersection	x	2
65+90	Lt & Rt.	Culvert	2
69+50	Lt & Rt.	Culvert	2
73+08	Lt & Rt.	Culvert	2
ON U.S. 285			
5+00	Lt & Rt.	Culvert	2
5+78 to 13+81	Lt.	2° Curve	4
14+87 to 27+59	Lt. & Rt.	2° Curve	26
Appr. 23+00	Lt.	Appr.	2
28+65 to 34+80	Lt.	2° Curve	8
36+80 to 38+80	Lt. & Rt.	2° Curve	4
42+00	Lt. & Rt.	Culvert	2
44+24	Lt & Rt.	Culvert	2
59+	Lt & Rt.	Bridge	24
63+98 to 65+98	Lt. & Rt.	3° Curve	4
67+98 to 82+07	Lt.	3° Curve	14
PROJECT	TOTAL		114

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ON OF SCALE BOOKS

ASE NT.	BASE COURSE MATERIAL Tons	PLANT MIX ASPHALTIC SURFACING Top Layer Tons	PLANT MIX ASPHALTIC SURFACING Bottom Layer Tons	PLANT MIX ASPHALTIC Shoulder Roll Tons	STONE SCREE-NING Tons
40					
85					
00					
15					
00					
.05	1595.15				
	3243.80				
	3407.80				
	3444.80				
	1288.05				
		1066.50	2496.85		
		574.65	3117.15	65.45	
		797.10	439.30		
					240.00
		2438.25	6053.30		
38.45	12979.60	849.155		65.45	240.00

Book No 4 Page 18

SUMMARY OF R.O.W. MARKERS

STATION	SIDE	NO.	ELEVATIONS LEFT	ELEVATIONS RIGHT
T.S. 7+56.2	LT. & RT.	2	7445.98	7450.68
C.S. 33+02.3	LT. & RT.	2	7358.68	7382.54
T.S. 63+00.3	LT. & RT.	2	7298.93	7296.26
75+22.5	LT. & RT.	2	7312.40	7310.67
81+22.5	RT.	1		7306.94
PROJECT TOTAL		9		

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SHEET TOTALS		CU. YDS.
	EXCAVATION	CU. YDS.
	EXCAVATION	CU. YDS.
	EMBANKMENT	CU. YDS.