

See Standard M-100-A for STANDARD SYMBOLS

RE. UNDER PROJECT RF 006-9(5)

FEDERAL ROAD DISTRICT NO.	DIVISION	PROJECT NO.	SHEET NO.
VII	COLORADO	RF 006-9(5)	1

STATE DEPARTMENT OF HIGHWAYS DIVISION OF HIGHWAYS—STATE OF COLORADO

PLAN AND PROFILE OF PROPOSED FEDERAL AID PROJECT NO. RF 006-9 (5) STATE HIGHWAY NO. 6 LOGAN AND PHILLIPS COUNTIES

INDEX OF SHEETS

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8	BASE COURSE AND SURFACE COURSE PLAN	8-20-75
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M-206-AA	EXCAVATION AND BACKFILL FOR STRUCTURES	(2 SHEETS) 4-9-74
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M-603-MA	METAL CULVERT PIPE - H-20 LOADING	8-20-75
M-612-A	MARKER POSTS AND BENCH MARKS	6-30-71
M-614-TB	TRAFFIC SIGNING FOR HIGHWAY CONSTRUCTION	(3 SHEETS) 11-22-71
S-614-52A	BARRICADES, ROADS, CUT SLOPE TREATMENT, BRIDGE AND CREST WIDENING	12-4-74

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

TABULATION OF LENGTH & DESIGN DATA

STATION	ROADWAY	
	LOGAN CO. L.IN. FT.	PHILLIPS CO. L.IN. FT.
1276+50.0 BEGIN RF 006-9(5)	27,067.0	5,425.0
1547+1700 COUNTY LINE		
1601+42.0 END RF 006-9(5)- 1602+42.0 BK. 1604+04.2 AH. BEGIN F 010-1(3)		
TOTALS	27,067.0	5,425.0

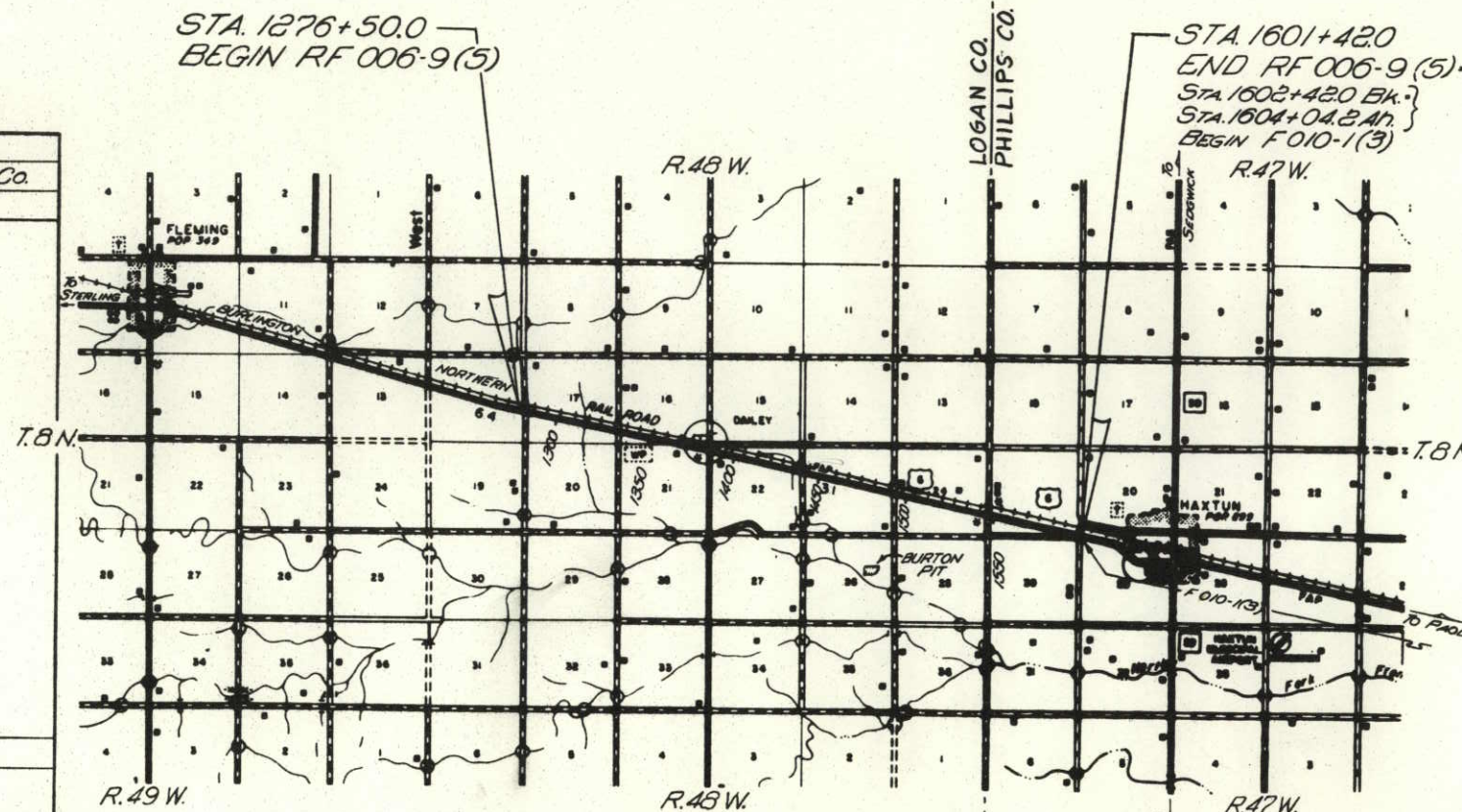
SUMMARY

	L.IN. FT.	MILES
ROADWAY - LOGAN CO.	27,067.0	5.126
ROADWAY - PHILLIPS CO.	5,425.0	1.028
TOTALS - Net & Gross Length	32,492.0	6.154

DESIGN DATA

MAXIMUM GRADE 2.5%
 MAXIMUM DEGREE OF CURVE Not Applicable
 MINIMUM S.S.D. (horizontal) N.A.
 MINIMUM S.S.D. (vertical) 475'
 MAXIMUM DESIGN SPEED 60 MPH.

1995 DESIGN TRAFFIC VOLUME - A.D.T. = 1,750
 D.H.V. = 210



AS CONSTRUCTED PLANS
RETURN TO DIST. 4 DESIGN



DIVISION OF HIGHWAYS

APPROVED
E. N. Haase by Jon M. Cox 12/9/76
 CHIEF ENGINEER DATE

AS CONSTRUCTED INFORMATION

CONTRACTOR Steering Paving Company
 Resident ENGINEER L. J. Van Kalkeran
 (Project or Resident)

PROJECT STARTED 2 FEB 76
 PROJECT COMPLETED 16 JUL 76

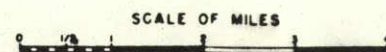
AS CONSTRUCTED PLANS APPROVED [Signature]
 Dist. Constr. Engr. 10/25/76
 TITLE DATE

DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED _____ DATE _____

DIVISION ENGINEER

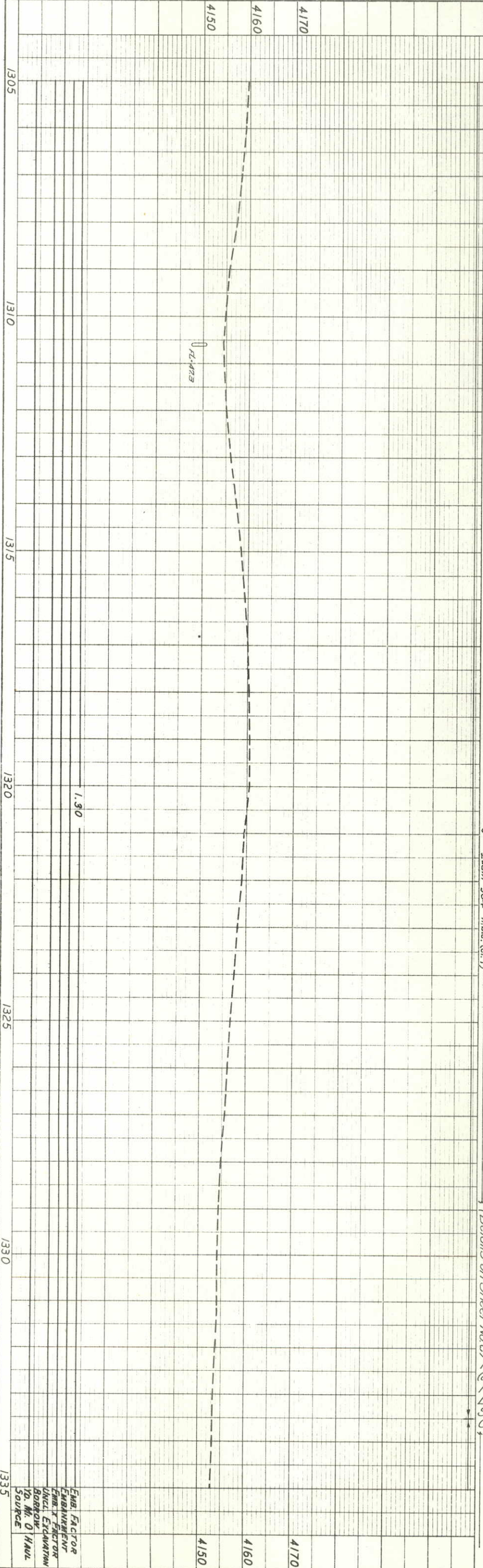
T.E.F.



PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No.	GRADES CHECKED		
	BY		
	STRUCTURE NOTATIONS CHECKED		

	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	ET. OF WAY CHECKED		

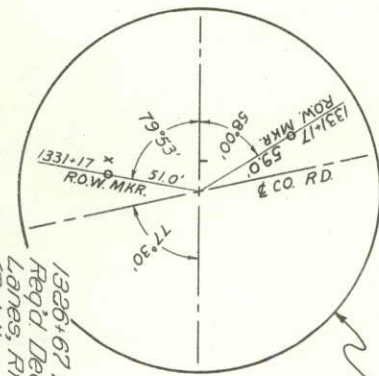
TERRAIN NOTES



1310+60⁰⁰ Remove inlet end (incl. Hd' wall) 3" of 42"x71" C.S. Pipe; Relay 42"x68" C.S. Pipe (as Cross Culv.) & Extend 26'; Req'd End Sections & Inlet Ditch (W-2) (Detail on Sheet No. 2)

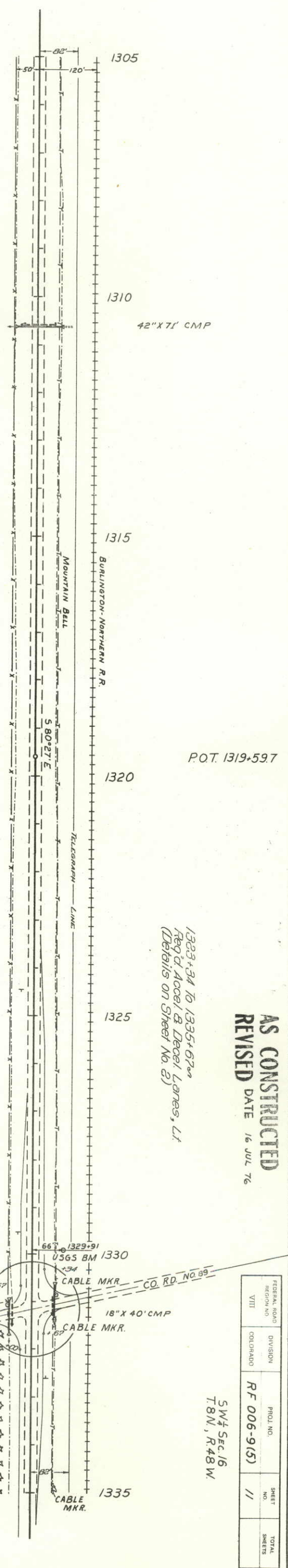
SEE SEC 17
T.8N., R.48W.

3" Iron 304 R.B.C. (L.1)



1326+67 To 1339+00⁰⁰ Req'd Decel. & Accel. Lanes, Lt. (Details on Sheet No. 2)

1331+17⁰⁰ Relay 18"x40" C.S. Pipe Lt. (as Sd. Drain) & Extend 30'; Relay 18"x62" C.S. Pipe Rites Sd. Drain) & Extend 3'; Req'd End Sections for 2-Sd. Drains; Co Road Approach, Lt. & Rt.



42"x71" CMP

P.O.T. 1319+59.7

1323+34 To 1335+67⁰⁰ Req'd Accel. & Decel. Lanes, Lt. (Details on Sheet No. 2)

AS CONSTRUCTED
REVISED DATE 16 JUL 76

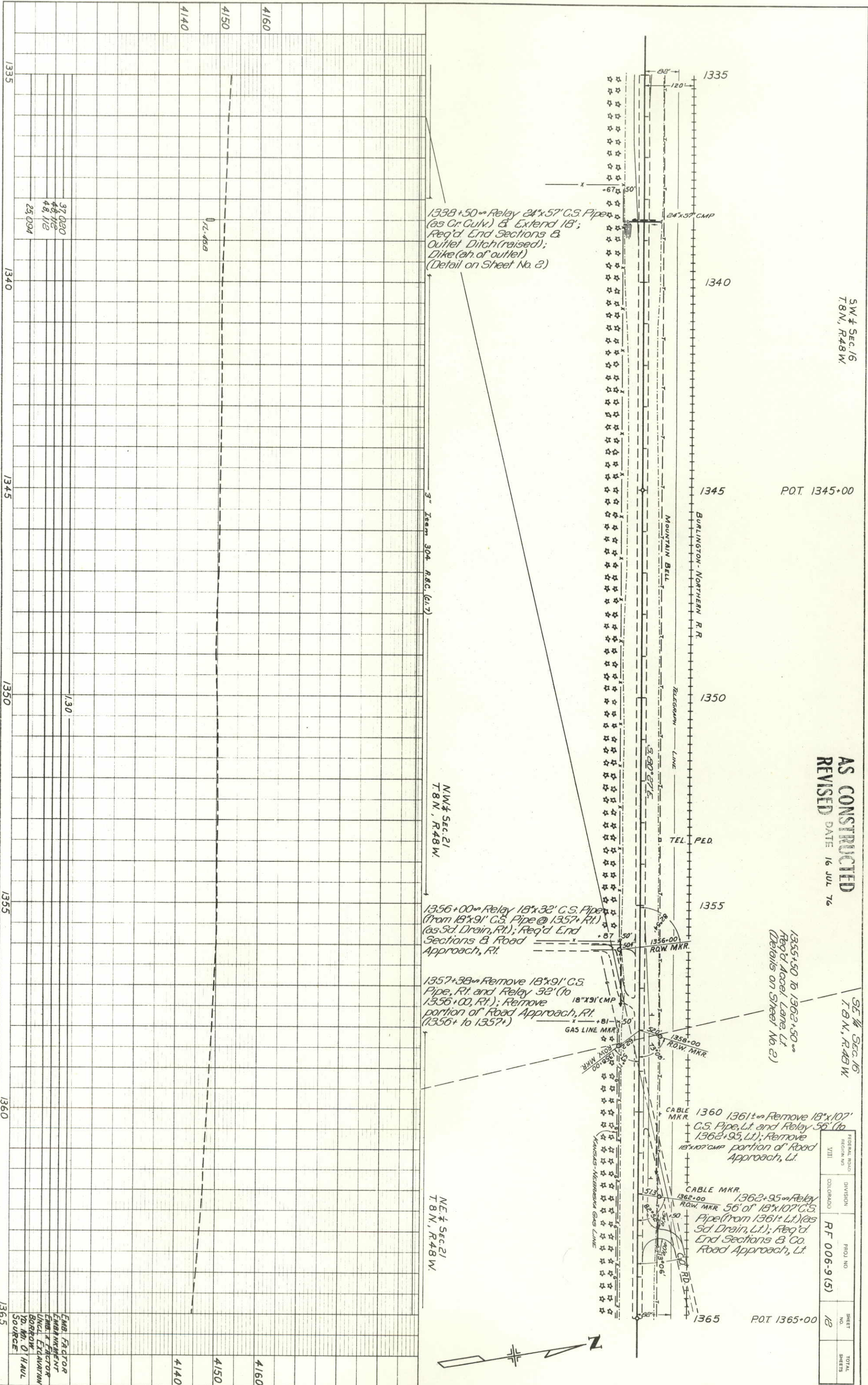
FEDERAL ROAD REGION NO. VIII	DIVISION COLORADO	PROJ. NO. RF 006-9(5)	SHEET NO. 11	TOTAL SHEETS
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SW 1/4 Sec 16
T.8N., R.48W.

EMB. FACTOR
EMBANKMENT
EMB. X FACTOR
LIQCL. EXCAVATION
BORROW
To. M. O Haul
Source

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
No.	GRADES CHECKED		
	E. & V. NOTES		
	STRUCTURAL NOTATIONS CHECKED		

PLAN	SURVEYED	BY	DATE
NOTE	PLOTTED		
No. 22297	ALIGNMENT CHECKED		
	ET. OF WAY CHECKED		



SW 1/4 Sec. 16
T. 8 N., R. 48 W.

POT. 1345+00

AS CONSTRUCTED
REVISED DATE 16 JUL 76

SE 1/4 Sec. 16
T. 8 N., R. 48 W.

FEDERAL ROAD DISTRICT NO.	VIII
DIVISION	COLORADO
PROJ. NO.	RF 006-9 (5)
SHEET NO.	12
TOTAL SHEETS	

POT 1365+00

37.020
48.112
25.094

1.30

EMB. FACTOR
EMBANKMENT
EMB. FACTOR
LIQCL. EXHAUSTION
BORROW
TO. M. OF HAUL
SOURCE

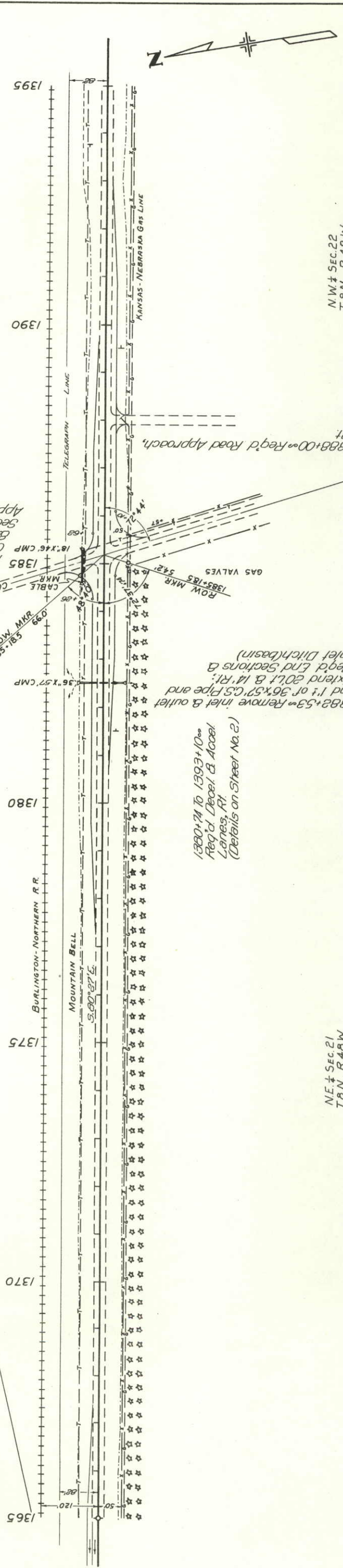
SE 1/4 SEC. 16
T. 8 N., R. 48 W.

POT 1365+00

FEDERAL ROAD REGION NO. VIII	DIVISION COLORADO	PROJ. NO. RF 006-9(5)	SHEET NO. 13	TOTAL SHEETS
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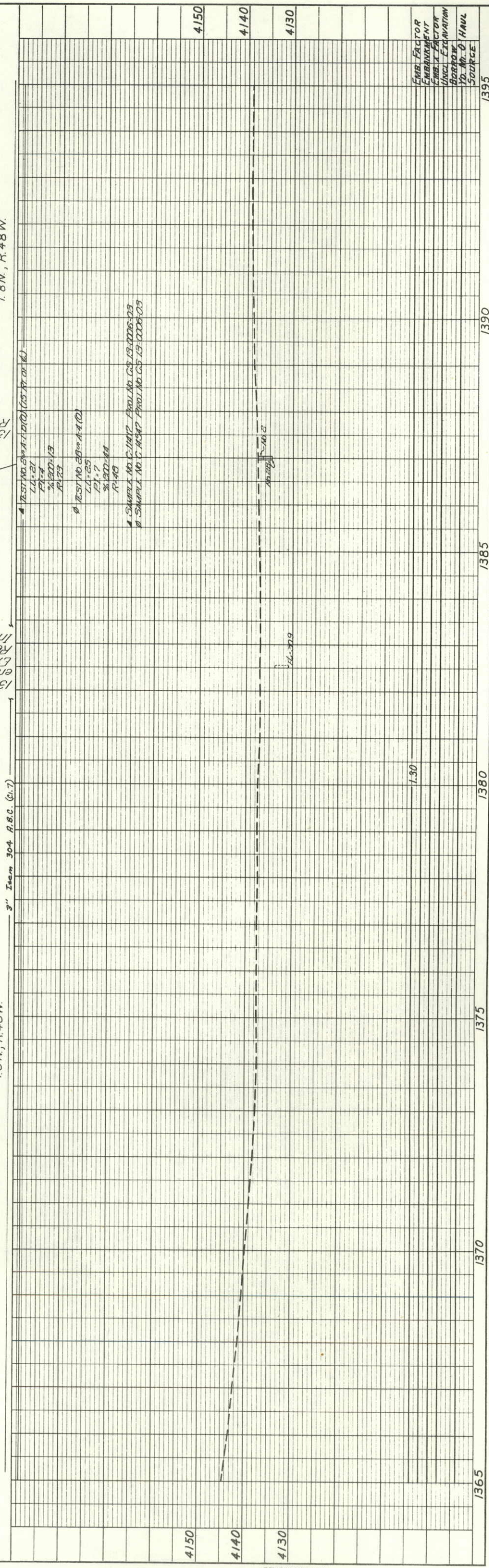
AS CONSTRUCTED
REVISED DATE 16 JUL 76

1377+36 To 1389+62
Req'd. Accel. & Decel. Lanes, Lt.
(Details on Sheet No. 2)



NE 1/4 SEC. 21
T. 8 N., R. 48 W.

NW 1/4 SEC. 22
T. 8 N., R. 48 W.



TEST No. 89-A-1-D(1) (CS RT of 16)
 LL=21
 PI=4
 %G=00-13
 R=237

TEST No. 28-A-4(2)
 LL=25
 PI=7
 %G=00-44
 R=40

SAMPLE No. C-11477 Prod. No. CS 19-0006-03
 SAMPLE No. C-11487 Prod. No. CS 19-0006-03

PLAN

DATE	BY	REVISION
		1. CHECKED
		2. ALIGNED
		3. WAY

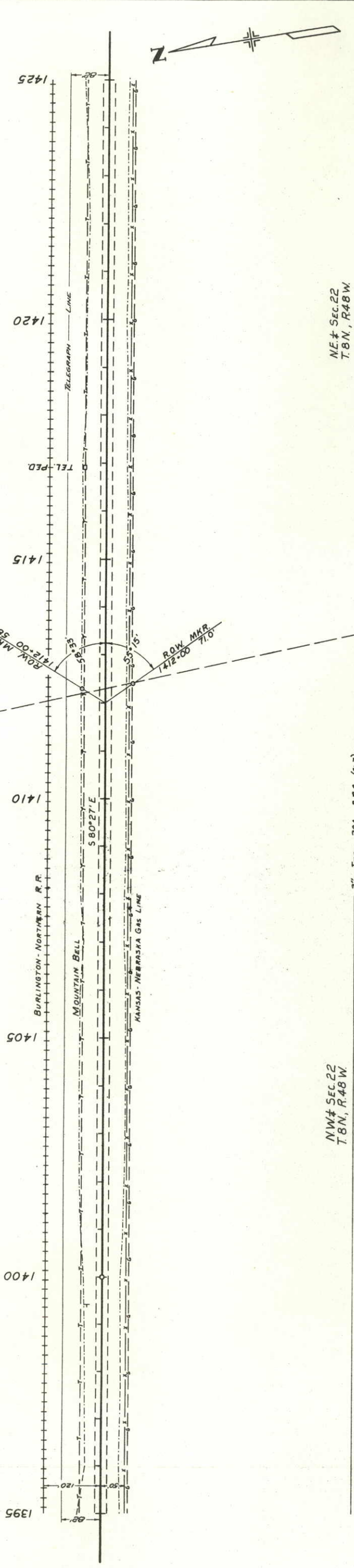
PROFILE

DATE	BY	REVISION
		1. CHECKED
		2. ALIGNED
		3. WAY

FINISH FACTOR
 FINISH FACTOR
 FINISH FACTOR
 FINISH FACTOR
 FINISH FACTOR
 FINISH FACTOR

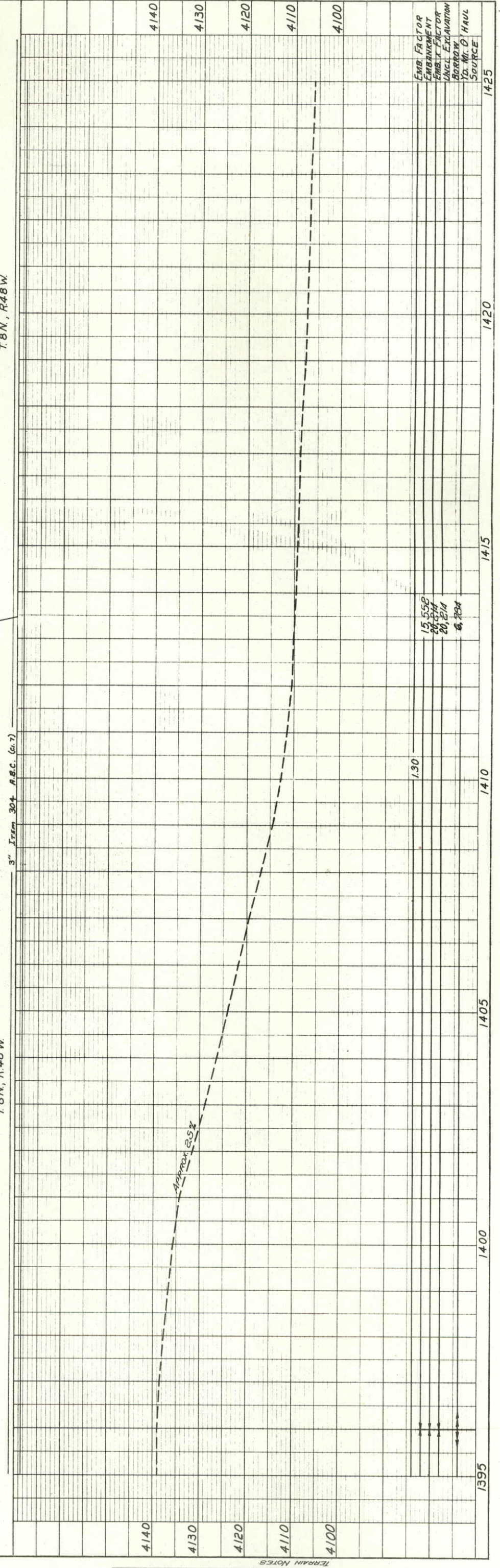
FEDERAL ROAD REGION NO. VIII	DIVISION COLORADO	PROJ. NO. RF 006-9(5)	SHEET NO. 14	TOTAL SHEETS
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AS CONSTRUCTED
REVISED DATE 16 JUL 76



NW 1/4 SEC. 22
T. 8N., R. 48W.

NE 1/4 SEC. 22
T. 8N., R. 48W.



EMB. FACTOR	1425
EMBANKMENT	
EMB. FACTOR	
UNCL. EXCAVATION	
BORROW	
YD. M. D. HAUL	
SOURCE	

15,558
20,214
20,214
6,784

DATE	BY	REVISION

DATE	BY	REVISION

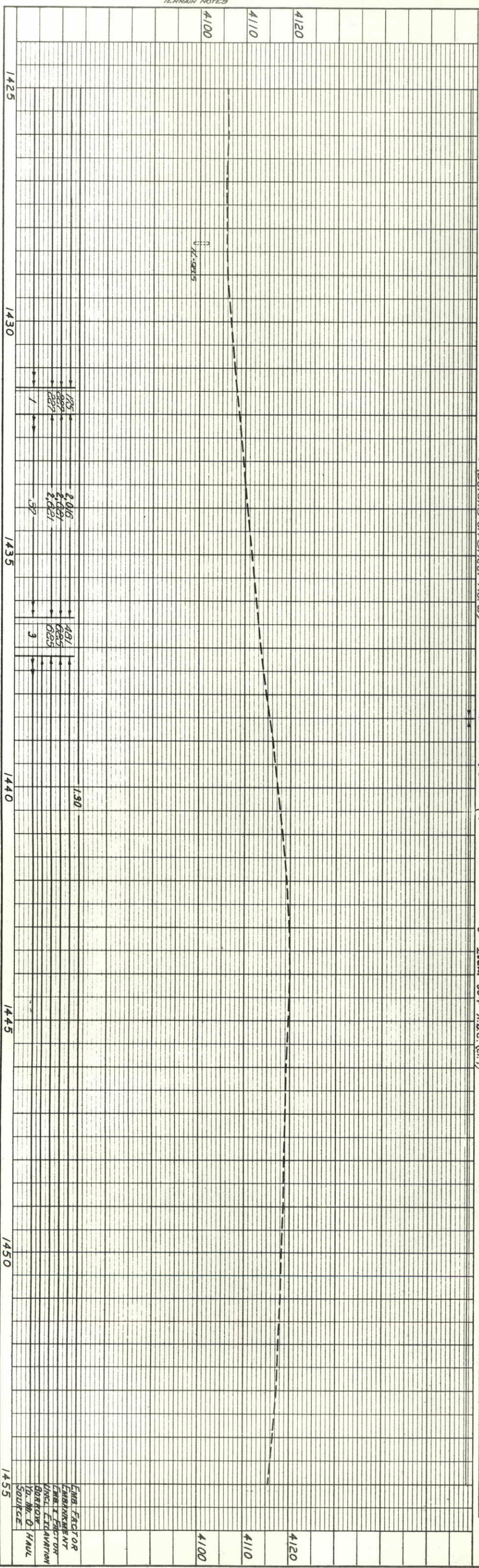
PROFILE NOTE BOOK

TERRAIN NOTES

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

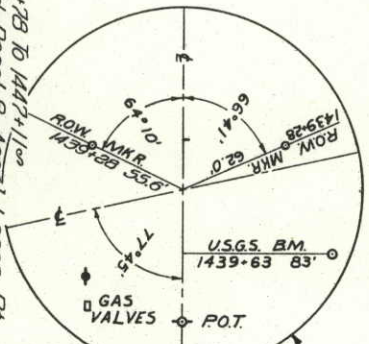
TERRAIN NOTES



1428+32⁰⁰ Remove inlet end 2'± (incl. Hd'well) of 42" x 73' C.S. Pipe & Extend 14' Lt. and 10' Rt.; Req'd. End Sections; Fill depressed inlet area to facilitate drainage

NE 1/4 Sec. 22
T. 8 N., R. 48 W.

1434+78 to 1447+11⁰⁰
Req'd. Decol. & Accol. Lanes, Rt.
(Details on Sheet No. 2)

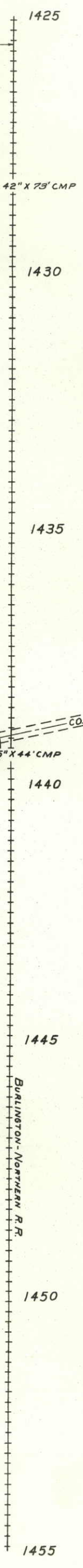


1439+28⁰⁰ Relay 15" x 44' C.S. Pipe Lt. (as Sd. Drain) & 15" x 44' C.S. Pipe Rt. (as Sd. Drain); Extend 15" Sd. Drain Lt. for 24' & 15" Sd. Drain Rt. for 24'; Req'd. End Sections 15" x 44' CMP for 2' Sd. Drains; Co. Road Approach, Lt. & Rt.

3" Iron 304 A.B.C. (C.I. 7)

NW 1/4 Sec. 23
T. 8 N., R. 48 W.

MOUNTAIN BELL
BURLINGTON-NORTHERN R.R.
TELEGRAPH LINE
KANSAS-NEBRASKA GAS LINE



1431+45 to 1443+78⁰⁰
Req'd. Accol. & Decol. Lanes, Lt.
(Details on Sheet No. 2)

P.O.T. 1440+00

AS CONSTRUCTED
REVISED DATE 16 JUL 76

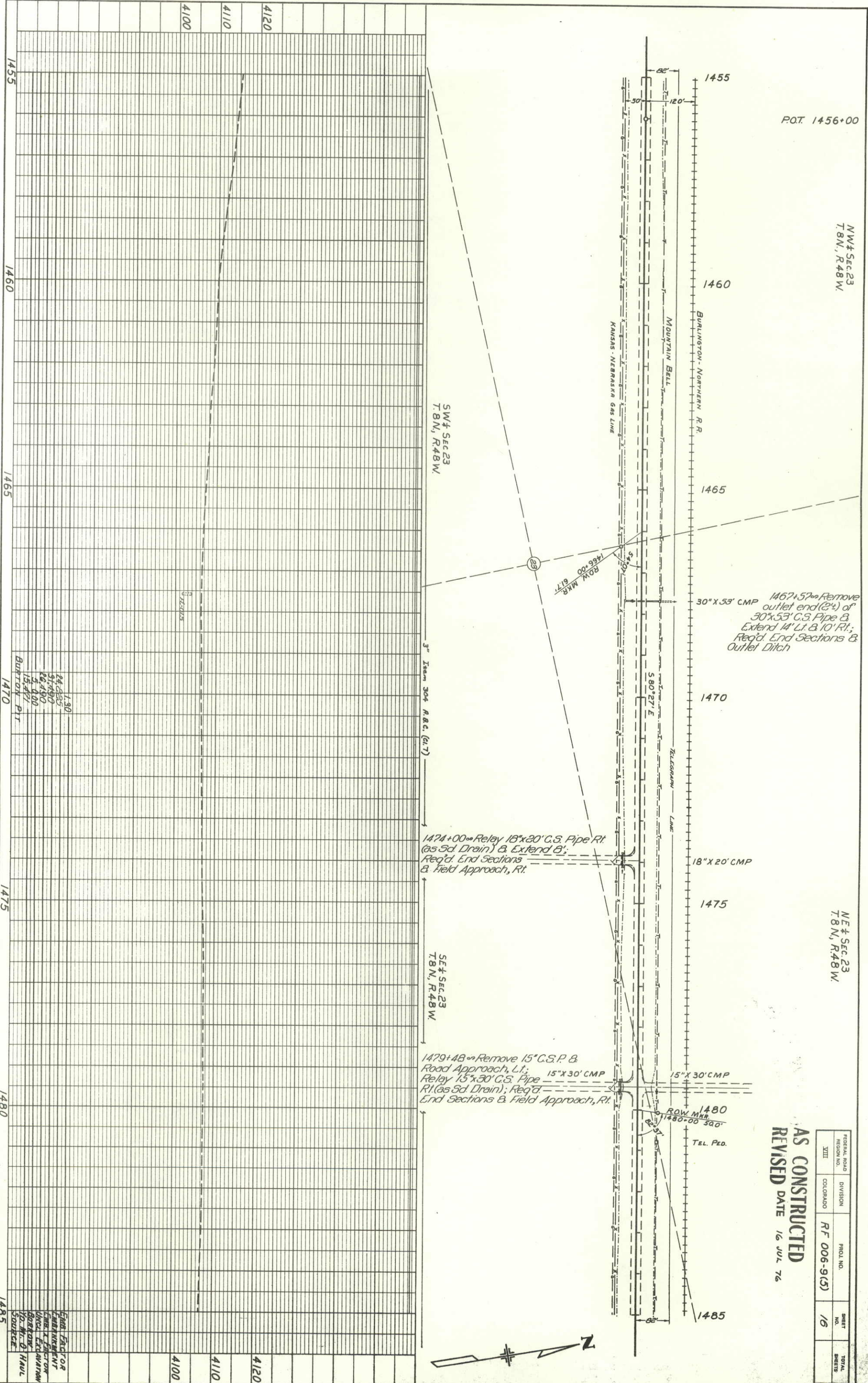
FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO	RF 006-9(5)	15	

ENGR. FACTOR
ENRANKING NY
ENR. FACTOR
PHYSICAL EXPLANATION
BORROW
D.M. O. HAUL
SOURCE

PROFILE		BY		DATE
SURVEYED				
PLOTTED				
GRADES CHECKED				
S. & M. NOTES				
STRUCTURE NOTATIONS CHECKED				

PLAN		BY		DATE
SURVEYED				
PLOTTED				
ALIGNMENT CHECKED				
RT. OF WAY CHECKED				

TERRAIN NOTES



ROT. 1456+00

NW 1/4 Sec 23
T. 8N., R. 48W.

NE 1/4 Sec 23
T. 8N., R. 48W.

1467+57⁰⁰ Remove outlet end (3/4) of 30" x 53' C.S. Pipe & Extend 14' Lt. & 10' Rt.; Req'd. End Sections & Outlet Ditch

1474+00⁰⁰ Relay 18" x 20' C.S. Pipe Rt. (as Sd. Drain) & Extend 8'; Req'd. End Sections & Field Approach, Rt.

1479+48⁰⁰ Remove 15" C.S.P. & Road Approach, Lt.; Relay 15" x 30' C.S. Pipe Rt. (as Sd. Drain); Req'd. End Sections & Field Approach, Rt.

1.30	1470
24.225	BURTON PIT
51.490	
16.490	
5.000	
15.471	

5.18	EMERGENCY
2.18	CONSTRUCTION
1.00	EXCAVATION
1.00	HAUL
1.00	SOURCE

AS CONSTRUCTED
REVISED DATE 16 JUL 76

FEDERAL ROAD REGION NO.	DIVISION	PROJ. NO.	SHEET NO.	TOTAL SHEETS
XIII	COLORADO	RF 006-9(5)	16	

NE 1/4 Sec 23
T.8N., R.48W.

NW 1/4 Sec 24
T.8N., R.48W.

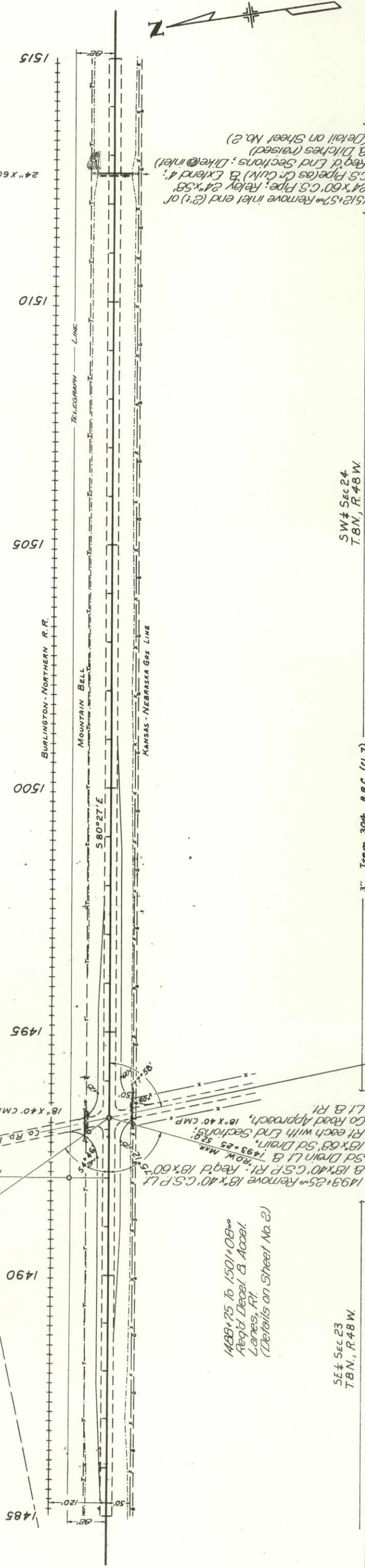
SW 1/4 Sec 24
T.8N., R.48W.

1485+42 To 1497+25⁰⁰
Req'd. Accel. & Decel. Lanes, Lt.
(Details on Sheet No. 2)

AS CONSTRUCTED
REVISED DATE 16 JUL 76

FEDERAL ROAD REGION NO. XIII	DIVISION COLORADO	PROJ. NO. RF 006-9(5)	SHEET NO. 17	TOTAL SHEETS
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24" x 60' CMP



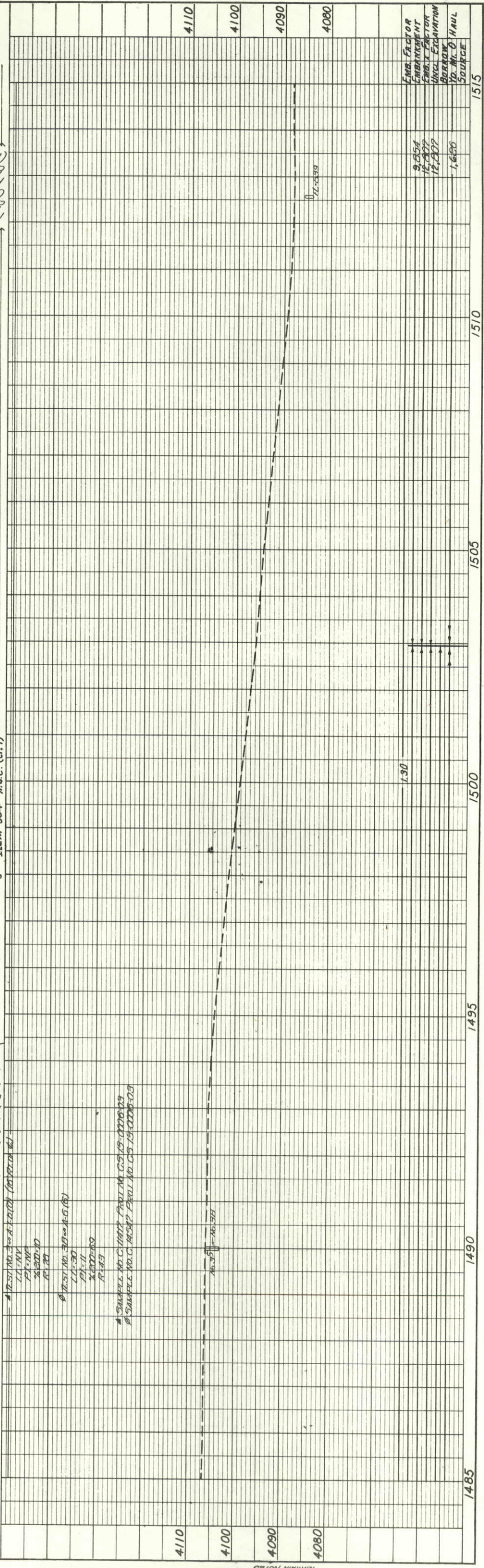
1488+75 To 1501+08⁰⁰
Req'd. Decel. & Accel. Lanes, Rt.
(Details on Sheet No. 2)

1512+57⁰⁰ Remove inlet end (2') of 24" x 60' C.S. Pipe; Relay 24" x 58' Reg'd. End Sections; Like @ inlet) & Ditches (raised) (Detail on Sheet No. 2)

SE 1/4 Sec 23
T.8N., R.48W.

SW 1/4 Sec 24
T.8N., R.48W.

3' Item 304 R.B.C. (C.I.T)



1493+25⁰⁰ Remove 18" x 40' C.S.P.L. & 18" x 40' C.S.P. Lt. ROW M.A. 1493+25 58' Rd. Drain Lt. & 1493+25 58' Rt. each with End Sections; Co. Road Approach, 18" x 40' C.M.P., Lt. & Rt.

1485+75 To 1497+25⁰⁰ (continued)

1497+25 To 1501+08⁰⁰ (B)

1497+25 To 1501+08⁰⁰ (B)
SAMPLE NO. C. 10017 PART NO. C. 519-10006-03
SAMPLE NO. C. 10018 PART NO. C. 519-10006-03

DATE	BY	REVISION

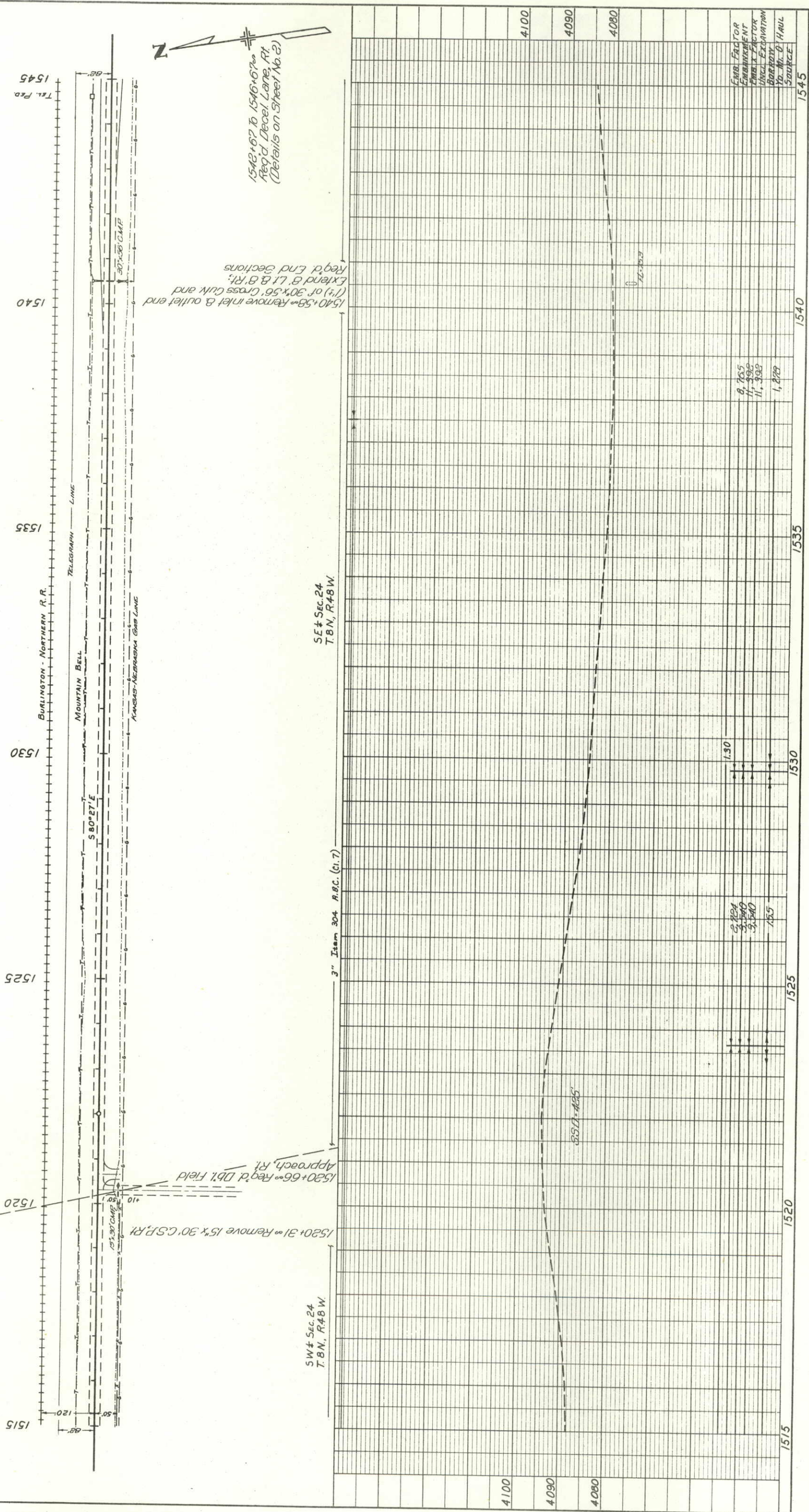
DATE	BY	REVISION

DATE	BY	REVISION

POT 1522+00

FEDERAL ROAD REGION NO. VIII	DIVISION COLORADO	PROJ. NO. RF 006-9 (5)	SHEET NO. 18	TOTAL SHEETS
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AS CONSTRUCTED
 1539+34 To 1546+34⁰⁰
 Reg'd. Accel. Lane, Lt.
 (Details on Sheet No. 2)
 REVISED DATE 16 JUL 76



DATE	BY	REVISION	NOTES

DATE	BY	REVISION	NOTES

STATION	4100	4090	4080	4100	4090	4080
1515						
1520						
1525						
1530						
1535						
1540						
1545						

Est. Factor
 Equipment
 9,765
 11,395
 11,395
 1,228

1540+56 Remove inlet & outlet end
 (1 1/2) of 30' x 36" Cross Culk and
 Extend 6' Lt. & 3' Rt.
 Reg'd. End Sections

1542+67 To 1546+67⁰⁰
 Reg'd. Decel. Lane, Rt.
 (Details on Sheet No. 2)

SW 1/4 Sec. 24
 T. 8N., R. 48 W.

SE 1/4 Sec. 24
 T. 8N., R. 48 W.

3" Item 304 A.B.C. (Cl. 7)

35.17' - 465'

2,704
 3,540
 3,540
 15.5

1.30

9,765
 11,395
 11,395
 1,228

Est. Factor
 Equipment
 9,765
 11,395
 11,395
 1,228

