

10996

FHWA OVERSIGHT? NO ☐ YES ☐ NOT APPLICABLE ☒

COLORADO DEPARTMENT OF TRANSPORTATION

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
VIII	COLO.	C 1601-037	1

FINAL OFFICE REVIEW

DATE: FEBRUARY 25, 1996

SUBJECT TO CHANGE

PLAN AND PROFILE OF PROPOSED COLORADO PROJECT NO. C 1601-037 STATE HIGHWAY NO. 160 & 550 LA PLATA COUNTY CONSTRUCTION SUBACCOUNT NO. 10996

V-File

AS CONSTRUCTED		
NO REVISIONS	REVISED	VOID

REVISIONS		

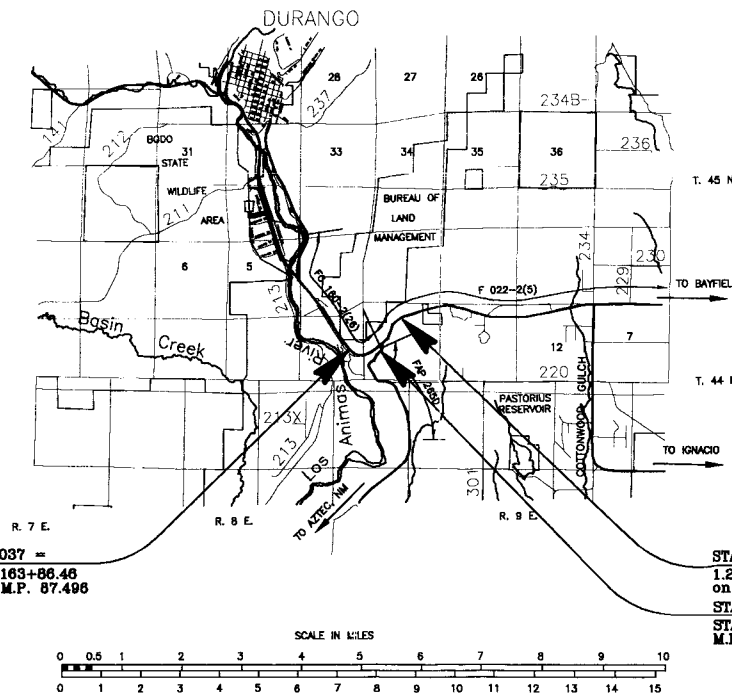
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4-8	GENERAL NOTES
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10,11,12	STRUCTURE QUANTITIES
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90	

LENGTH AND DESIGN DATA

STATION		ROADWAY
		LINEAR FEET
STA. 168+00	Begin C 1602-037 5.79 Ft. Offset Left of Sta. 167+86.46 on Project FC 160-2(26) = M.P. 87.572	7,800
STA. 242+00	End C 1602-037 = 1.23 Ft. Offset Right of Sta. 96+69.73 on Project F 022-2(5) = M.P. 88.973	
TOTAL		7,800
SUMMARY		
		LIN. FT. MILES
PROJECT NET AND GROSS LENGTH		7,800 1.477
DESIGN DATA		
MAXIMUM DEGREE OF CURVE 5'00'00"		
MAXIMUM GRADE 4.50%		
MINIMUM S.S.D. HORIZONTAL 490'		
MINIMUM S.S.D. VERTICAL 600'		
MAXIMUM DESIGN SPEED 55 MPH		
1995 TRAFFIC VOLUME		
ADT 18,250		
% TRUCKS 19		
2000 DESIGN TRAFFIC DATA		
ADT 21,900		
DNV 2,767		

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 EXISTING ROAD



* Clear Zone: (55 MPH) 22'
(40 MPH or less) 14'

STA. 164+00 BEGIN C 1601-037 =
5.79 Ft. Offset Left of STA. 163+86.46
on Project FC 160-2(26) = M.P. 87.496

STA. 242+00 END C 1601-037 =
1.23 Ft. Offset Right of STA. 96+69.73
on Project F 022-2(5) = M.P. 88.973
STA. 65+00 END C 1601-037 =
STA. 65+78.74 on Project FAP 285D =
M.P. 16.466

* Varies (See Roadway Cross Sections)

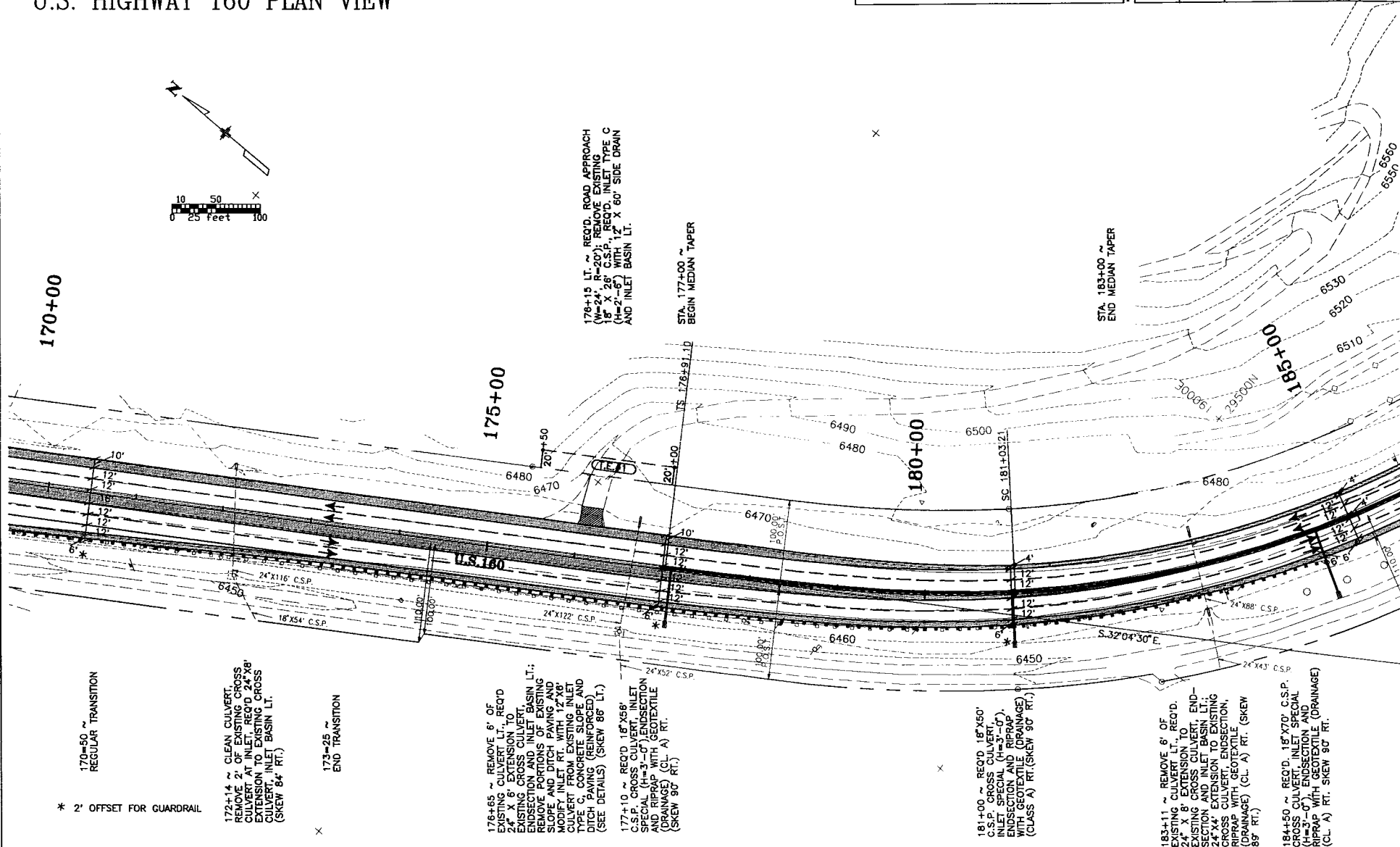
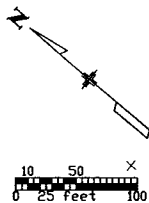
AS CONSTRUCTED INFORMATION

CONTRACTOR	
ENGINEER	
(Project or Resident)	
PROJECT STARTED	
PROJECT COMPLETED	
AS CONSTRUCTED PLANS	
APPROVED	
TITLE	DATE

B.S./REGION 5

U.S. HIGHWAY 160 PLAN VIEW

AS CONSTRUCTED			FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
NO REVISIONS	REVISED	VOID	XIII	COL.	C 1601-037	31



* 2' OFFSET FOR GUARDRAIL

T.E. #1 - B. GARLICK

172+14 ~ CLEAN CULVERT.
REMOVE 2' OF EXISTING CROSS
CULVERT AT INLET. REQ'D 24'X8'
EXTENSION TO EXISTING CROSS
CULVERT. INLET BASIN LT.
(SKEW 84° RT.)

173+25 ~
END TRANSITION

176+65 ~ REMOVE 6' OF
EXISTING CULVERT LT., REQ'D
24'X8' EXTENSION TO
EXISTING CROSS CULVERT.
ENDSECTION AND INLET BASIN LT.:
REMOVE PORTIONS OF EXISTING
SLOPE AND DITCH PAVING AND
MODIFY INLET RT. WITH 12'X8'
CULVERT FROM EXISTING INLET
DITCH. SLOPE REINFORCED AND
DITCH SLOVES REINFORCED
(SEE DETAILS) (SKEW 86° LT.)

177+10 ~ REQ'D 18'X58'
C.S.P. CROSS CULVERT. INLET
SPECIAL (H=3'-0"). ENDSECTION
AND RIPRAP WITH GEOTEXTILE
(DRAINAGE) (CL A) RT.
(SKEW 90° RT.)

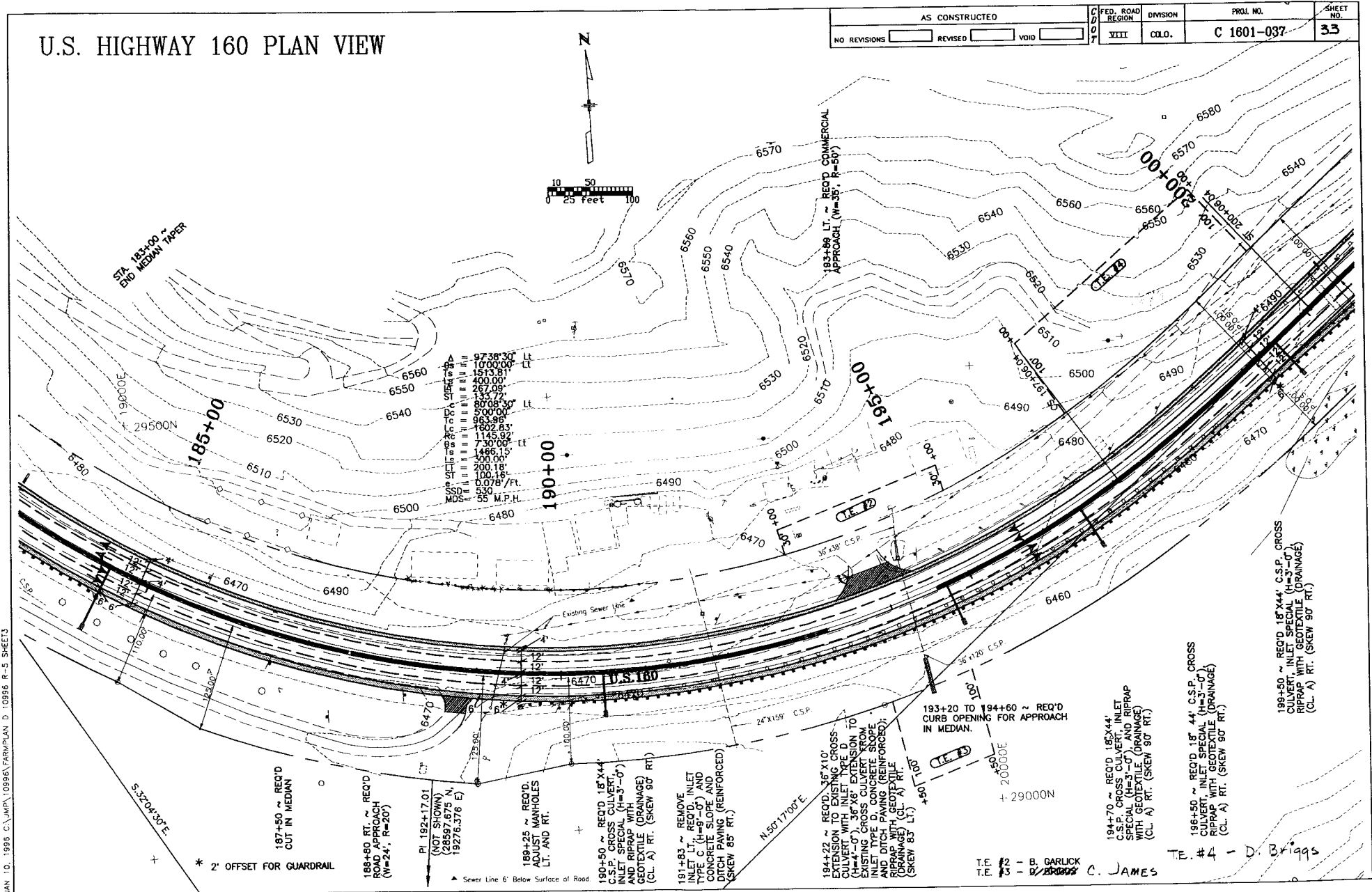
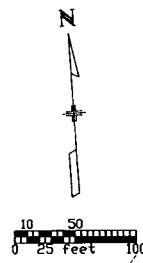
181+00 ~ REQ'D 18'X50'
C.S.P. CROSS CULVERT.
INLET SPECIAL (H=3'-0").
ENDSECTION AND RIPRAP WITH
GEOTEXTILE (DRAINAGE) (CL
A) RT. (SKEW 90° RT.)

183+11 ~ REMOVE 6' OF
EXISTING CULVERT LT., REQ'D.
24' X 8' EXTENSION TO
EXISTING CROSS CULVERT. END-
SECTION AND INLET BASIN LT.:
24'X4' EXTENSION TO EXISTING
CROSS CULVERT. ENDSECTION.
RIPRAP WITH GEOTEXTILE
(DRAINAGE) (CL A) RT. (SKEW
89° RT.)

184+50 ~ REQ'D 18'X70' C.S.P.
CROSS CULVERT. INLET SPECIAL
(H=3'-0"). ENDSECTION AND
RIPRAP WITH GEOTEXTILE (DRAINAGE)
(CL A) RT. SKEW 90° RT.

U.S. HIGHWAY 160 PLAN VIEW

AS CONSTRUCTED			FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
NO REVISIONS	REVISED	VOID	VIII	COLO.	C 1601-037	33

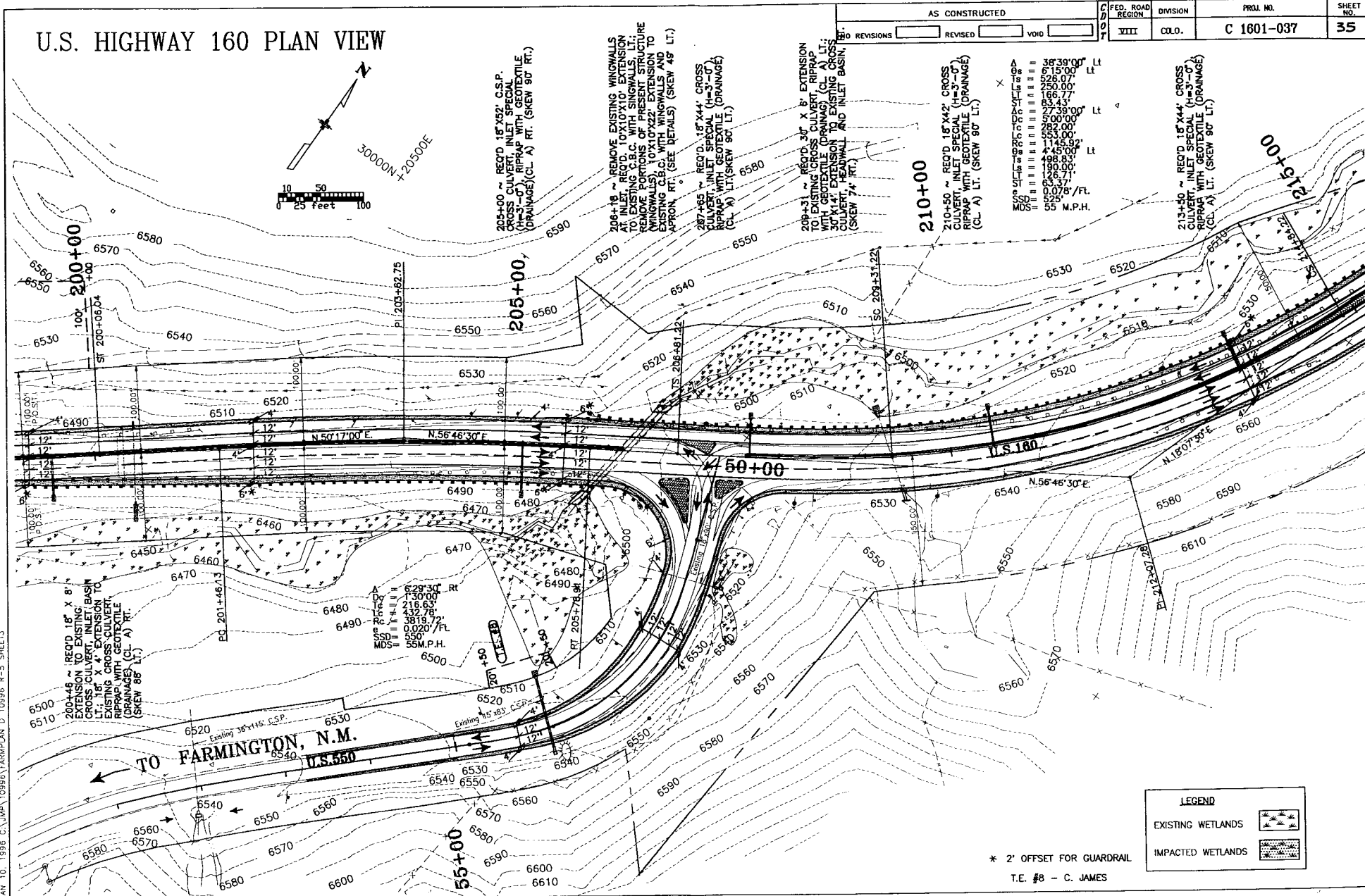
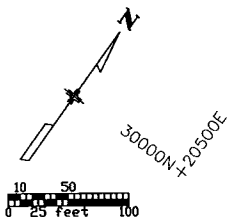


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T.E. #2 - B. GARLICK
T.E. #3 - D. BRIGGS
C. JAMES

T.E. #4 - D. Briggs

U.S. HIGHWAY 160 PLAN VIEW



AS CONSTRUCTED		FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
NO REVISIONS	REVISED	VOID	VIII	C 1601-037	35

200+46 ~ REQ'D 18' X 8' CROSS CULVERT, INLET SPECIAL (H=3'-0") RIPRAP WITH GEOTEXTILE (DRAINAGE) (CL A) RT. (SKEW 86° LT.)	200+46 ~ REQ'D 18' X 8' CROSS CULVERT, INLET SPECIAL (H=3'-0") RIPRAP WITH GEOTEXTILE (DRAINAGE) (CL A) RT. (SKEW 86° LT.)	200+46 ~ REQ'D 18' X 8' CROSS CULVERT, INLET SPECIAL (H=3'-0") RIPRAP WITH GEOTEXTILE (DRAINAGE) (CL A) RT. (SKEW 86° LT.)	200+46 ~ REQ'D 18' X 8' CROSS CULVERT, INLET SPECIAL (H=3'-0") RIPRAP WITH GEOTEXTILE (DRAINAGE) (CL A) RT. (SKEW 86° LT.)	200+46 ~ REQ'D 18' X 8' CROSS CULVERT, INLET SPECIAL (H=3'-0") RIPRAP WITH GEOTEXTILE (DRAINAGE) (CL A) RT. (SKEW 86° LT.)	200+46 ~ REQ'D 18' X 8' CROSS CULVERT, INLET SPECIAL (H=3'-0") RIPRAP WITH GEOTEXTILE (DRAINAGE) (CL A) RT. (SKEW 86° LT.)
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LEGEND

EXISTING WETLANDS

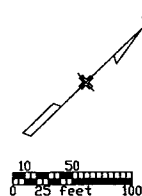
IMPACTED WETLANDS

* 2' OFFSET FOR GUARDRAIL
T.E. #B - C. JAMES

U.S. HIGHWAY 160 PLAN VIEW

218+00 TO 217+50
REQUIRED RETAINING WALL
(SEE DETAILS)

216+75 ~ REQ'D
IMPACT ATTENUATOR
(SEE DETAILS)

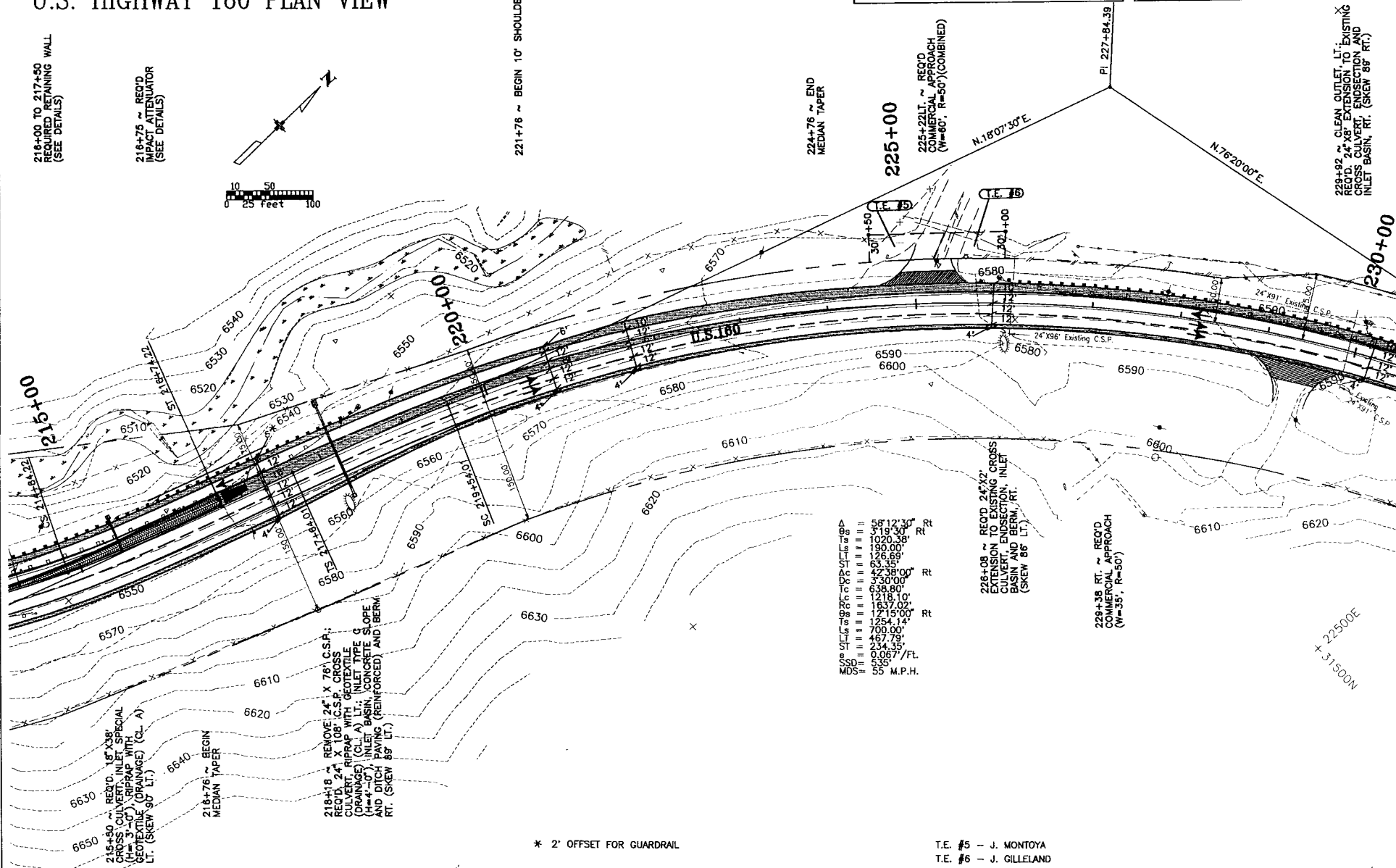


221+78 ~ BEGIN 10' SHOULDER

224+78 ~ END
MEDIAN TAPER

AS CONSTRUCTED		
NO REVISIONS	REVISED	VOID

FED. ROAD REGION	DIVISION	PROJ. NO.	SHEET NO.
VIII	COLD.	C 1601-037	37



Δ	58.12	30'	Rt
Δ	58.19	30'	Rt
Δ	102.00	30'	Rt
Δ	190.00	30'	Rt
Δ	126.69		
Δ	53.39		
Δ	53.39	00'	Rt
Δ	330.00		
Δ	638.80		
Δ	1218.10'		
Δ	1637.02'		
Δ	1715.00'		
Δ	254.14'		
Δ	700.00'		
Δ	467.79'		
Δ	234.35'		
Δ	0.067	/FT.	
SSD	535'		
MDS	55	M.P.H.	

* 2' OFFSET FOR GUARDRAIL

T.E. #5 - J. MONTOYA
T.E. #6 - J. GILLELAND

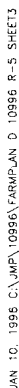
229+82 ~ CLEAN OUTLET. LT. EXTENSION TO EXISTING CROSS CULVERT. ENDSECTION AND INLET BASIN, RT. (SKEW 88° RT.)

226+08 ~ REQ'D 24'x2' EXTENSION TO EXISTING CROSS CULVERT. ENDSECTION, INLET BASIN AND BERM, RT. (SKEW 86° LT.)

229+38 RT. ~ REQ'D COMMERCIAL APPROACH (W=35', R=50')

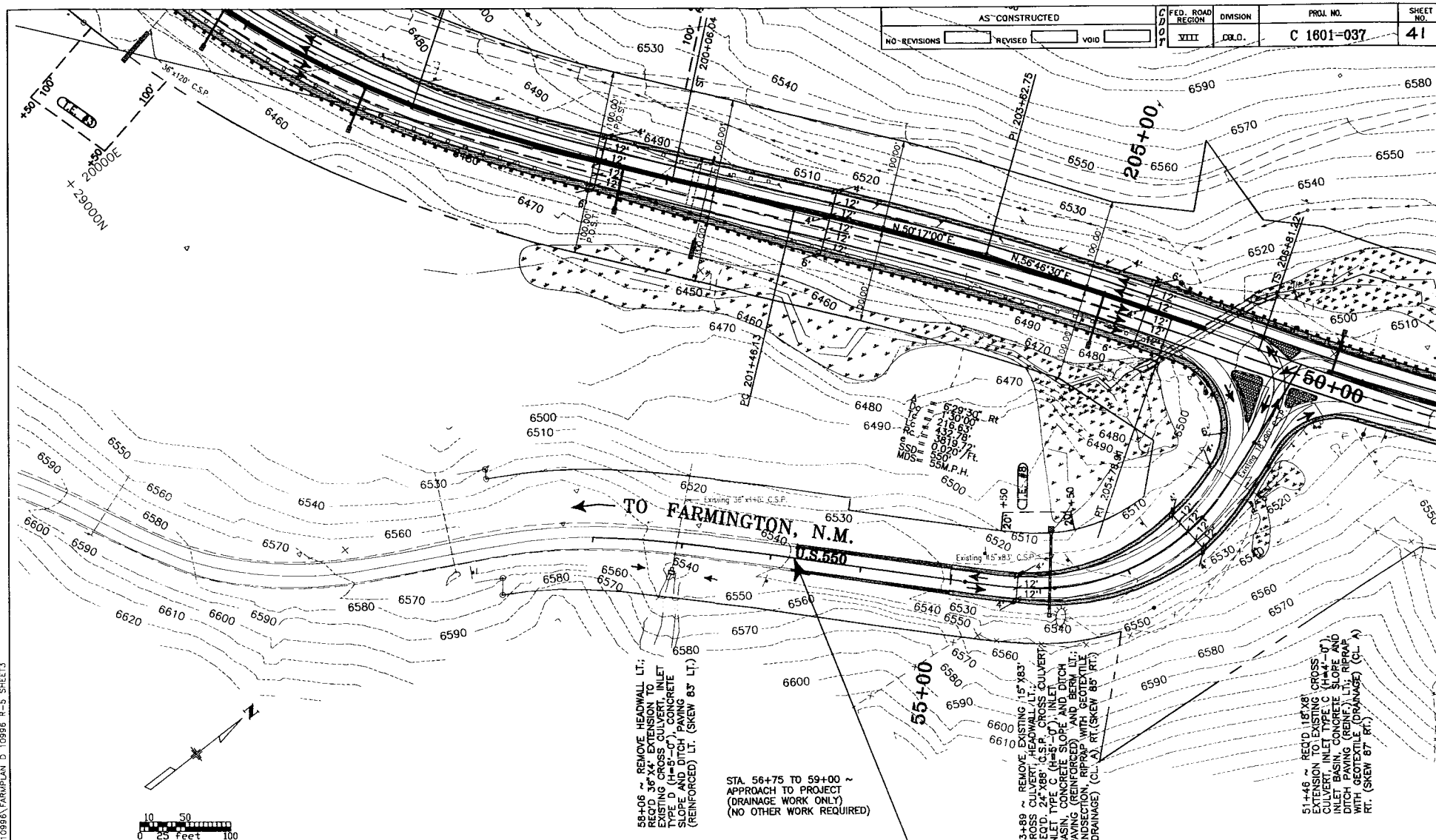
22500E
+ 31500W

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U.S. HIGHWAY 550 PLAN VIEW