

Oversight/NHS	
FHWA Region VIII Oversight?	☒ NO DYES
National Highway System?	☒ NO DYES

P.E., R.O.W. under
Proj. CY-CX 03-0034-19
Subaccount 90656

COLORADO DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED AS CONSTRUCTED FEDERAL AID PROJECT NH 0342-033 STATE HIGHWAY NO. 34 WELD COUNTY CONSTRUCTION SUBACCOUNT NO. 12029

TABULATION OF LENGTH & DESIGN DATA
(FOR INFORMATION ONLY)

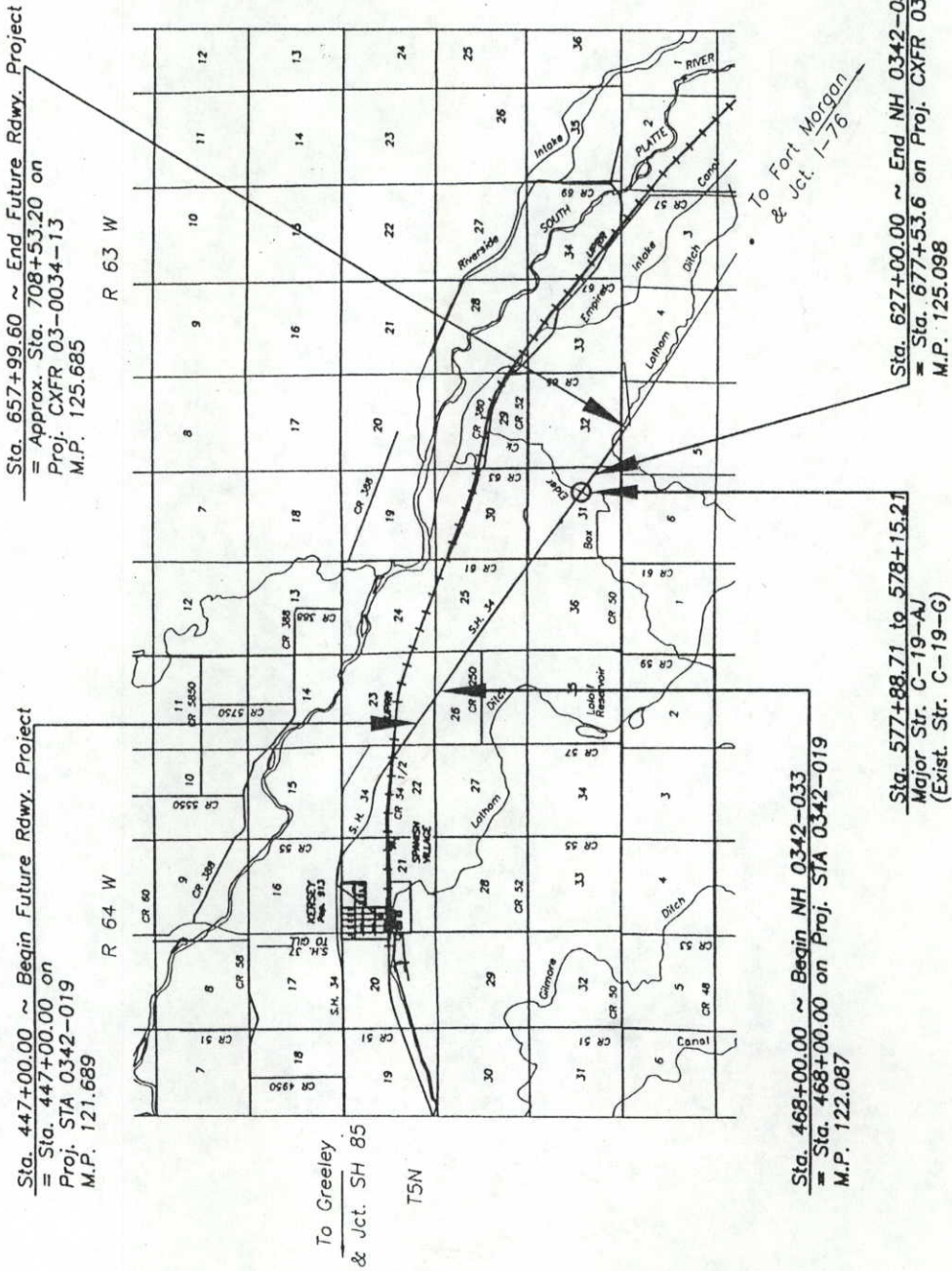
Station	Roadway	Major Structure
	Lin. Ft.	Lin. Ft.
447+00.00 ~ Begin Future Rdwy. Project = 477+00 on Proj. STA 0342-019 M.P. 121.689	13,088.71	26.50
577+88.71 Major Str. C-19-AJ 578+15.21	7,984.39	
657+99.60 ~ End Future Rdwy. Project = 708+53.20 on Proj. CXFR 03-0034-13 M.P. 125.685		
Totals (Future)	21,073.10	26.50
SUMMARY		
Roadway (Net Length) (Future)	21,073.10	3.991
Major Structure C-19-AJ (Future)	26.50	0.005
Project Gross Length (Future)	21,099.60	3.996
Design Data (Future)		
Maximum Degree of Curve	2' 00' 00"	
Maximum Grade	2.025%	
Minimum S.S.D. Horizontal	625'	
Minimum S.S.D. Vertical	778'	
Maximum Design Speed	70 MPH	
2018 Design Data	{ DHV = 700 ADT = 6300 Trucks = 27%	
1998 ADT = 4500		
Clear Zone Distance = 32' (Tangent)		

Tabulation of Length & Design Data is for the Future Roadway Project, and is shown For Information Only.
There is no roadway work on this project.

SCALES OF ORIGINAL DRAWINGS

ON PLAN 1" = 50'
ON PROFILE 1" = 50' Horiz.
1" = 5' Vert.

GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD



SCALE IN MILES
0 0.5 1 2 3 4 5 6
SCALE IN KILOMETERS
0 0.5 1 2 3 4 5 6

SHEET NO.

- 1 Title Sheet
- 2 Standard Plans List
- 3-6 Typical Sections
- 7 General Notes, Seeding Plan
- 8-9 Summary of Approximate Quantities
- 10-11 Structure Quantities
- 12 Summary of Earthwork Quantities, Details of Embankment, Details of Side Drains, Details of Trench in Exist. SH 34
- 13 Division Box Details, Sta. 564+41.88
- 14 Single Concrete Box Culvert (Special for This Project Only)
- 15-17 -- DELETED --
- 18 Tabulation of Fence
- 19 Coordinate Geometry ~ S.H. 34
- 20 Coordinate Geometry ~ Co. Rds. 61, 63, & 50
- 21 Control Points
- 22 Monfort Intersection Details
- 23 Co. Rd. 61 Intersection Details
- 24-25 Design Detail, Excavation and Backfill for Structures
- 26-51 Plan Sheets & Profile Sheets
- 52 Survey Tabulation Sheet
- 53 Tabulation of Traffic Engineering Items, Schedule of Construction Traffic Control Devices
- 54 Stormwater Management Plan
- 201-210 Structure Crosssections

R.O.W. Plans (49 sheets)

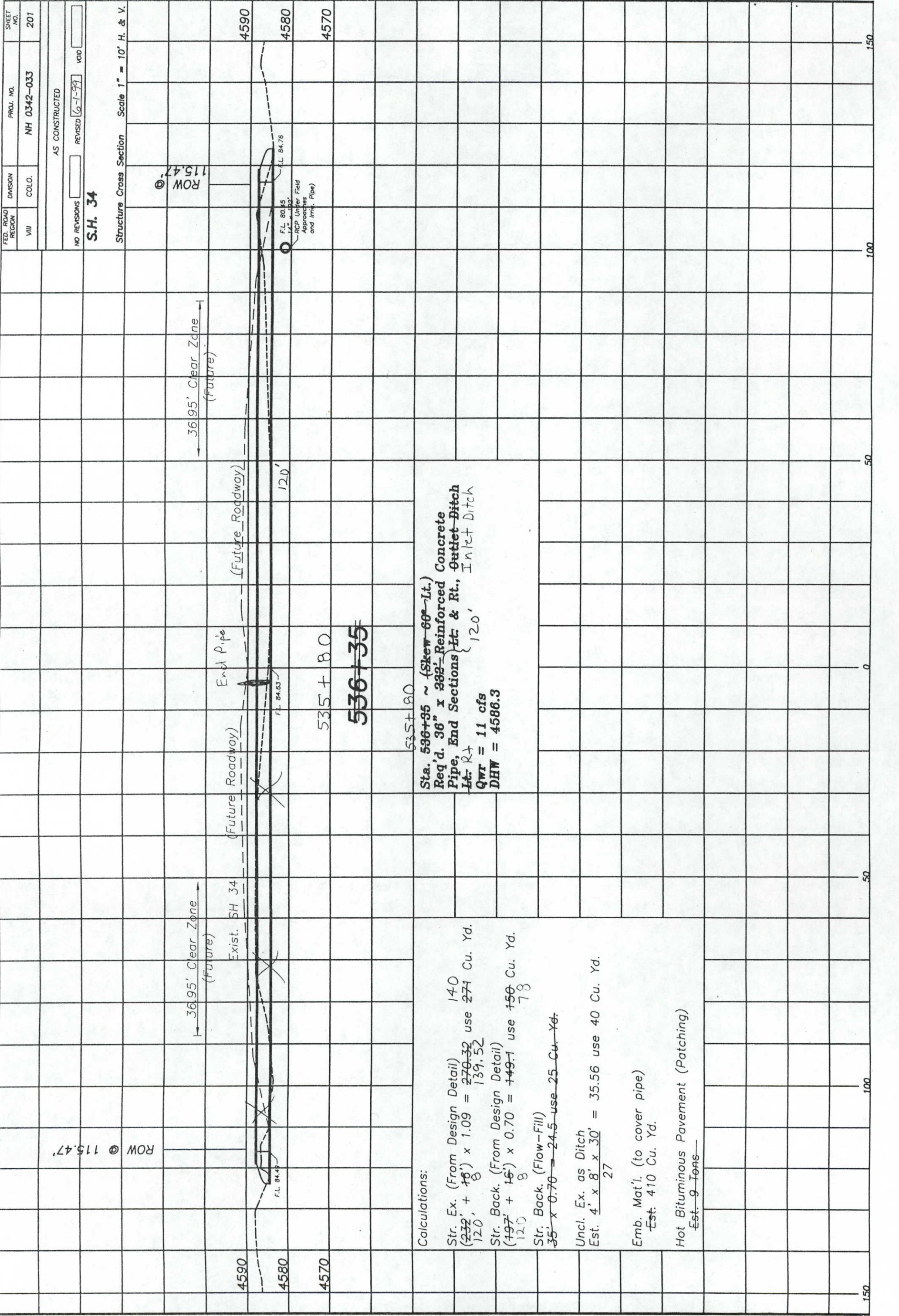
NEW & REVISED STANDARDS

- M-107-1, Temporary Erosion Control 03-24-97 (4 Sheets)
- M-601-1, Single Concrete Box Culvert 08-26-98 (2 Sheets)
- M-601-2, Double Concrete Box Culvert 08-26-98 (2 Sheets)
- M-601-10, Headwall for Pipe Culverts 08-26-98 (1 Sheet)
- M-601-20, Wingwalls for Pipe or Box Culverts 08-26-98 (1 Sheet)
- M-629-1, Survey Monuments 08-28-97 (2 Sheets)

AS CONSTRUCTED INFORMATION

Contractor	TIERDAEL CONSTRUCTION Co.
Project Engineer	MICHAEL F. WELLS
Project Started	FEB. 16, 1999
Project Completed	JUNE 1, 1999
As Constructed Plans Approved	<i>[Signature]</i> Resident Engr.
Date	

RKP/R-4



S.H. 34

Structure Cross Section Scale 1" = 10' H. & V.

(Check)

AS CONSTRUCTED

NO REVISIONS 6-1-99

REVISED

VOID

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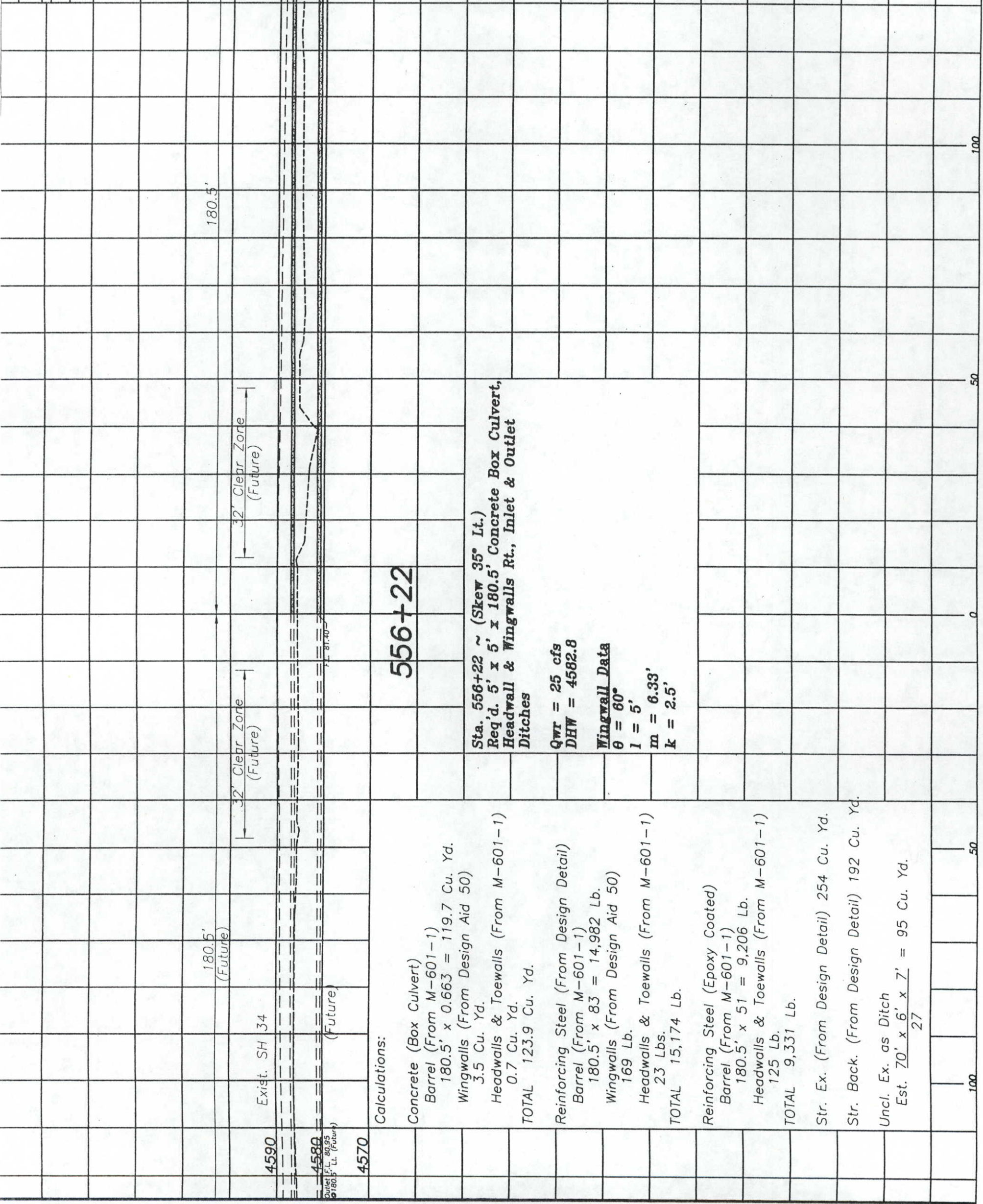
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REVISED

VOID

S.H. 34



FED. ROAD REGION

VIII

DIVISION

COLO.

PROJ. NO.

NH 0342-033

SHEET NO.

203

NO REVISIONS

AS CONSTRUCTED

REVISED

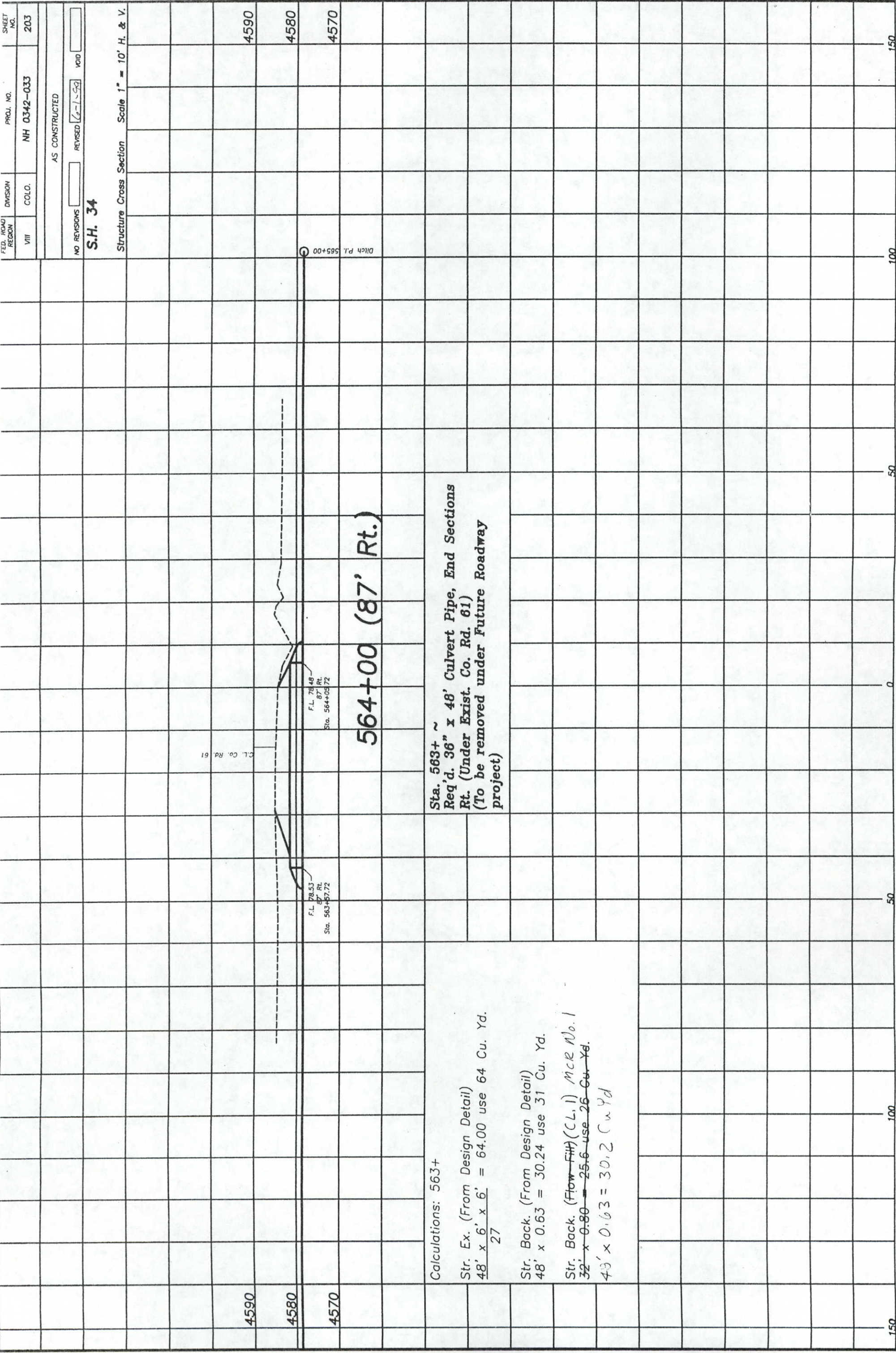
6-1-99

VOID

S.H. 34

Structure Cross Section

Scale 1" = 10' H. & V.



Sta. 563+ ~
Req'd. 36" x 48' Culvert Pipe, End Sections
Rt. (Under Exist. Co. Rd. 61)
(To be removed under Future Roadway
project)

Calculations: 563+

Str. Ex. (From Design Detail)
 $48' \times 6' \times 6' = 64.00$ use 64 Cu. Yd.
27

Str. Back. (From Design Detail)
 $48' \times 0.63 = 30.24$ use 31 Cu. Yd.

Str. Back. (Flow-Fit) (CL, I) MCR No. 1
 $32' \times 0.80 = 25.6$ use 26 Cu. Yd.
 $48' \times 0.63 = 30.2$ Cu Yd

FULL PLAN REGION	DIVISION	PROJ. NO.	SHEET NO.
VIII	COLO.	NH 0342-033	206
AS CONSTRUCTED			
NO REVISIONS		REVISED	VOID
S.H. 34			
Structure Cross Section Scale 1" = 10' H. & V.			

