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TOTAL SHEETS = 92

DNR INITIAL CONCURRENCE REQUEST (1 of 2) SEPTEMBER 2019

8120-02-06(66,76)

MCKINLEY - RICE LAKE

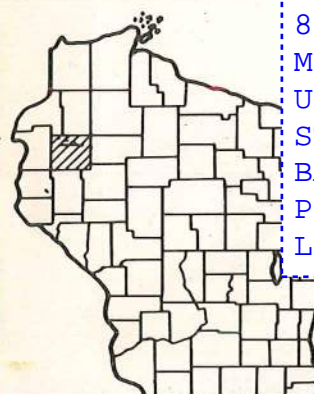
USH 63 NORTH TO STH 25

STH 48

BARRON COUNTY, WI

PS&E Date: 11/1/23, Advanceable 8/1/2021

Let: 3/12/2024



STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT CUMBERLAND-RICE LAKE RD. U.S.H. 63 - YELLOW RIVER SEC.

S.T.H. 48
BARRON COUNTY

STATE PROJECT NUMBER
8120-02-75



PROPERTY OF CENTRAL FILES

AS BUILT

END PROJECT
8120-02-06(76,66)
(~150' EAST OF WIS 25
INTERSECTION)

Design Designation

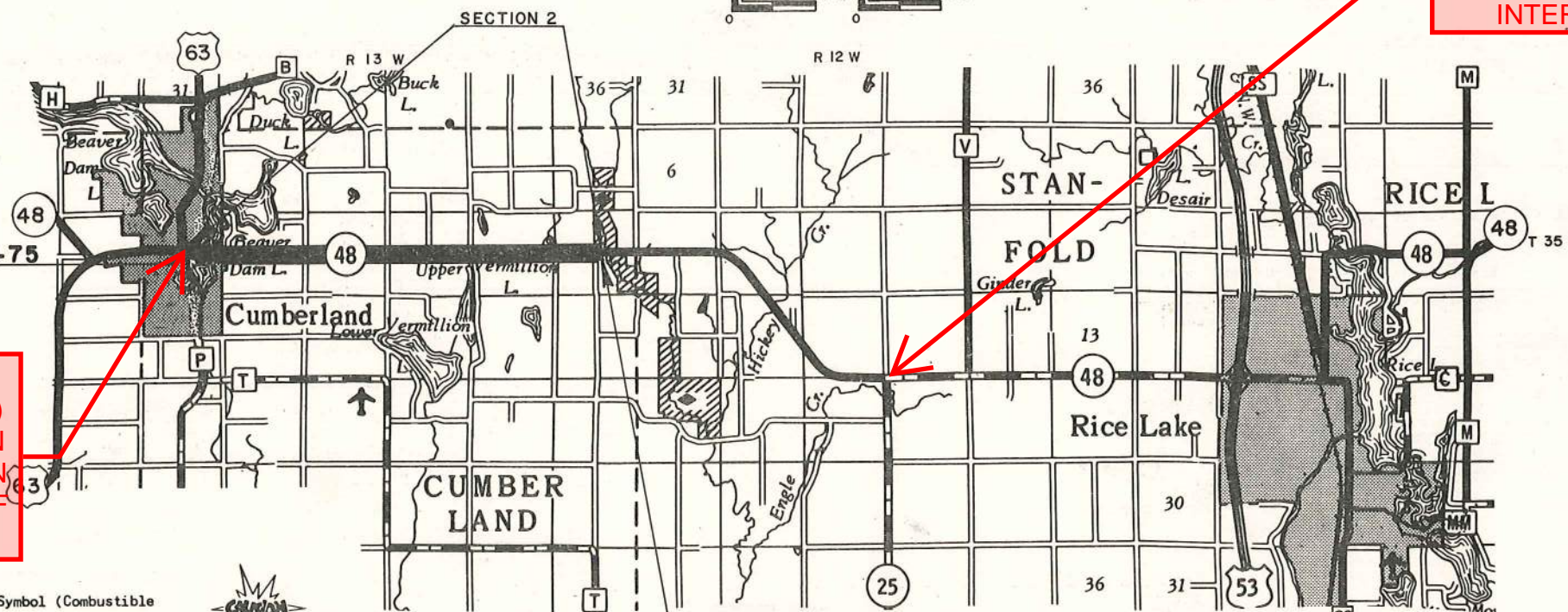
A.D.T. (1985)	= 3,150
A.D.T. (2005)	= 3,850
D.H.V.	= 580
D.	= 60-40
T.	= 6.7 %
V.	= 60 M.P.H.

BEGIN PROJECT
8120-02-06(76,66)
(CONSTRUCTION
LIMITS TO BEIGIN
ON EAST SIDE OF
CTH P)

Conventional Signs

County Line	----
Township or Range Line	-----
Section Line	-----
Corporate or City Limits	//////
Property line	-----
Lot Line	-----
Existing Right of Way Line	-----
New Right of Way Line	-----
Base or Survey Line	-----
Slope Intercept	-----
Existing Roadway or Private Entrance	-----

Caution Symbol (Combustible fluids under pressure)	
Railroads	+++++
Fence	-----
Culverts in Place	-----
Culverts Required	-----
Power Pole	-----
Telephone or Telegraph Pole	-----
Right of Way Markers	-----
Marsh	-----
Wooded Area	-----
Grade Elevation	-----



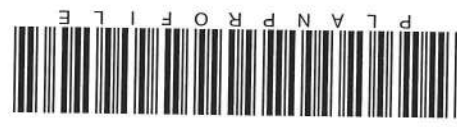
END PROJECT 8120-02-75
STA. 263+95
END SECTION 2

Layout
Scale 0 1 MI.

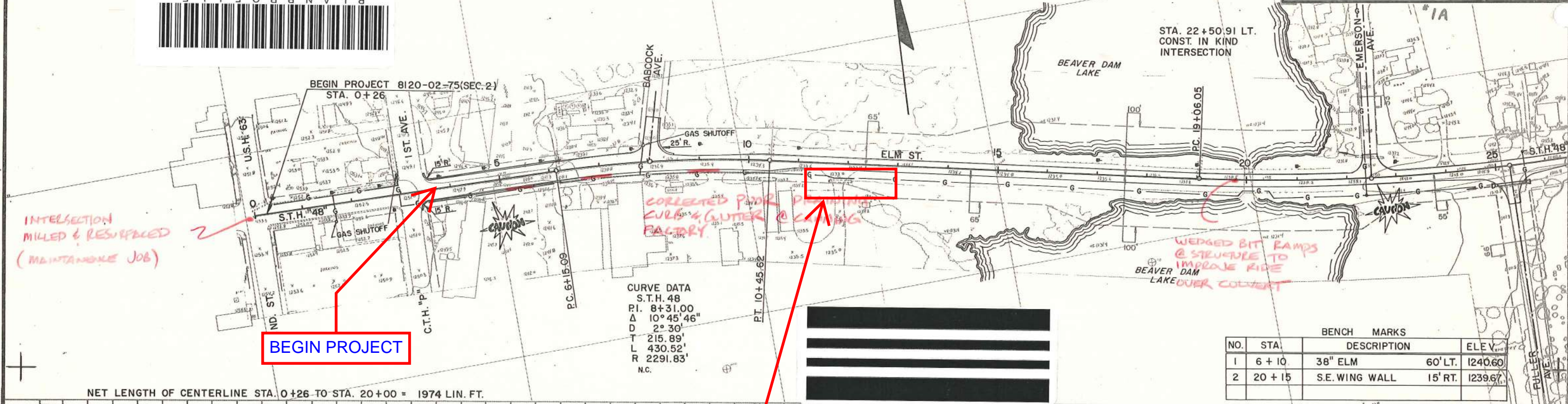
Total Net Length of Centerline = 4.994 MI. RURAL

ALL COORDINATES SHOWN ON THIS PLAN
ARE REFERENCED TO THE WISCONSIN COORDINATE
SYSTEM, CENTRAL ZONE.

APPROVED FOR CITY OF CUMBERLAND NAME <u>Albert J. Banner</u> TITLE <u>MAYOR</u> DATE <u>1-10-84</u>	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION Surveyor <u>S.I. & DIST. 8</u> District Checker <u>PCM & DRK</u> Designer <u>D.R.B.</u> C. O. Checker <u>Dec</u> District Supervisor <u>L.A.P.</u> C. O. Coordinator <u>LAS</u>	
Approved: Date <u>1-10-84</u> <u>Jim Fink</u> District Transportation Director	Approved: Date <u>2-7-84</u> <u>Don Strand</u> Chief Design Engineer
Approved: Date <u>2/1/84</u> <u>E.J. Byrskit</u> Director Development	U. S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION REGION 5 WISCONSIN DIVISION
Approved: Date _____ Division Administrator	



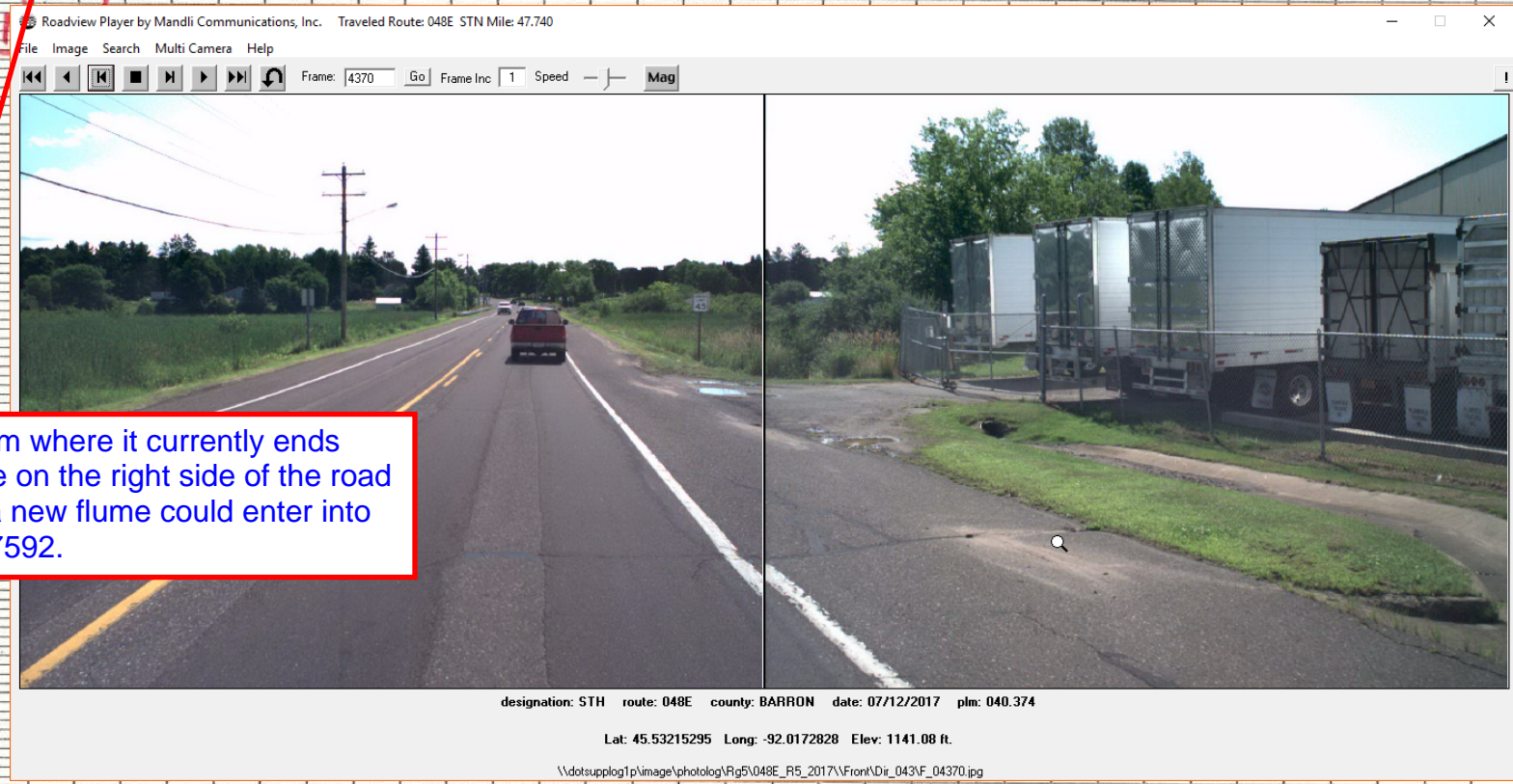
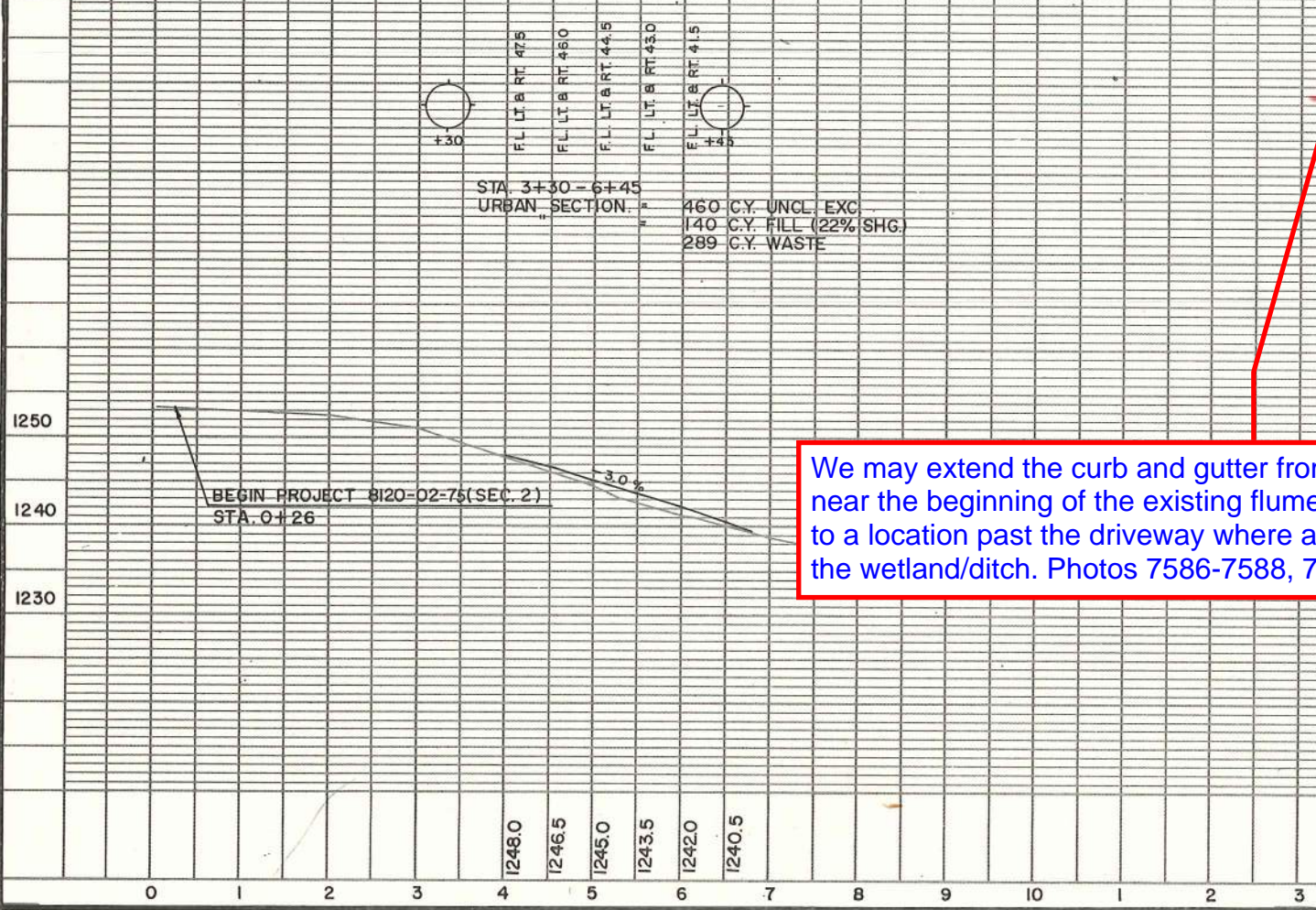
NOTE: MEET EXISTING CURB & GUTTER AT STA. 6 ± 45 LT. & RT.



CURVE DATA
S.T.H. 48
P.I. 8+31.00
Δ 10° 45' 46"
D 2° 30'
T 215.89'
L 430.52'
R 2291.83'
N.C.

BENCH MARKS				
NO.	STA.	DESCRIPTION	ELEV.	
1	6 + 10	38" ELM	60' LT.	1240.60
2	20 + 15	S.E. WING WALL	15' RT.	1239.67

NET LENGTH OF CENTERLINE STA. 0+26 TO STA. 20+00 = 1974 LIN. FT.



designation: STH route: 048E county: BARRON date: 07/12/2017 pln: 040.374

Lat: 45.53215295 Long: -92.0172828 Elev: 1141.08 ft.

\\dotsupplg1p\image\photolog\Rg5\048E_R5_2017\Front\Dir_043\F_04370.jpg

CURVE DATA S.T.H. 48

PI. 22+96.94
Δ 11° 41' 07"
D 1° 30'
T 390.89'
L 779.08'
R 3819.95'
S.E. 0.28%

STA. 28±56.99 LT.
CONST. TYPE "C"
INTERSECTION
STA. 99+65 TN. RD.
1-24" X 72" C.P. CL. III REQ'D.
2 APRON ENDWALLS REQ'D.

STA. 31±00 LT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 34±37 LT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 37±95 LT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 33±30 LT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 36±40 LT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 32±72 LT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 35±15 LT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 25±75 LT.
CONST. FARM P.E.
1-18" X 36" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 27±97 LT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 99+20
BEG. CONST.

P.O.T. 28+56.99 S.T.H. 48 =
P.O.T. 100+00 TN. RD.

P.O.C. 25+2954 S.T.H. 48 =
P.O.T. 100+00 FULLER AV.

STA. 25+25.8 - 1.47' RT.
PERPETUATE 1/4 COR. IN ACCORDANCE
WITH SECTION 59.635(3) WISCONSIN
STATUTES
4 REFERENCE MONUMENTS REQ'D.
(BY OTHERS)

STA. 25+29 RT.
CONST. TYPE "C"
INTERSECTION
STA. 100+35 TN. RD.
1-24" X 62" C.P. CL. III REQ'D.
2 APRON ENDWALLS REQ'D.

STA. 100+80
END CONST.
STA. 26±90 RT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 33±15 RT.
CONST. NORMAL P.E.
1-18" X 28" C.P. REQ'D.
2-APRON ENDWALLS REQ'D.

STA. 38±57 RT.
CONST. NORMAL P.E.

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
1	6+10	38" ELM	60' LT. 1240.60
2	20+15	S.E. WING WALL	15' RT. 1239.67
3	28+50	20" ELM	70' RT. 1255.83

NET LENGTH OF CENTERLINE STA. 20+00 TO STA. 40+00 = 2,003.35' LIN. FT.

STA. 25+73 (33' RT.)
8" DRAIN TILE
PERPETUATE

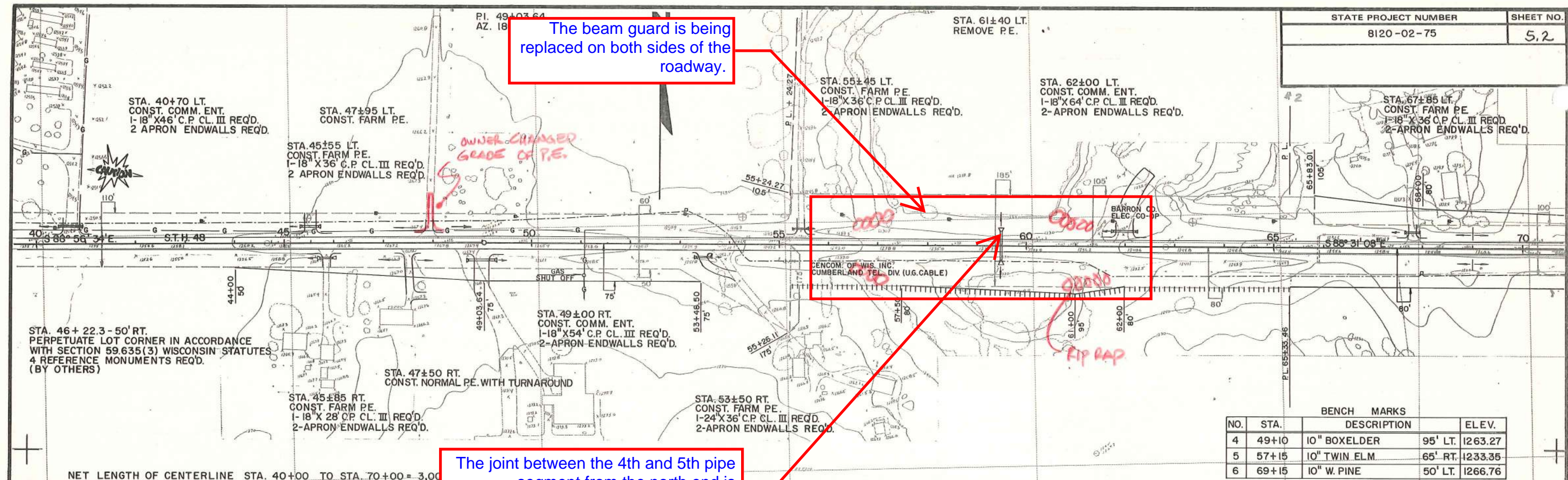
STA. 37+34 (27' RT.)
8" PIPE UNDERDRAIN UNPERFORATED
1-8" X 10' SECTION 8 PERF. CAP REQ'D.
STA. 39±40
1-24" X 58" R.C.C.P. CL. III REQ'D.
2 APRON ENDWALLS REQ'D.

UNDERDRAIN FOUND & KEPT IN
WORKING ORDER

DONE AS PLD
INSTRUCTED - BIG
HEADACHE

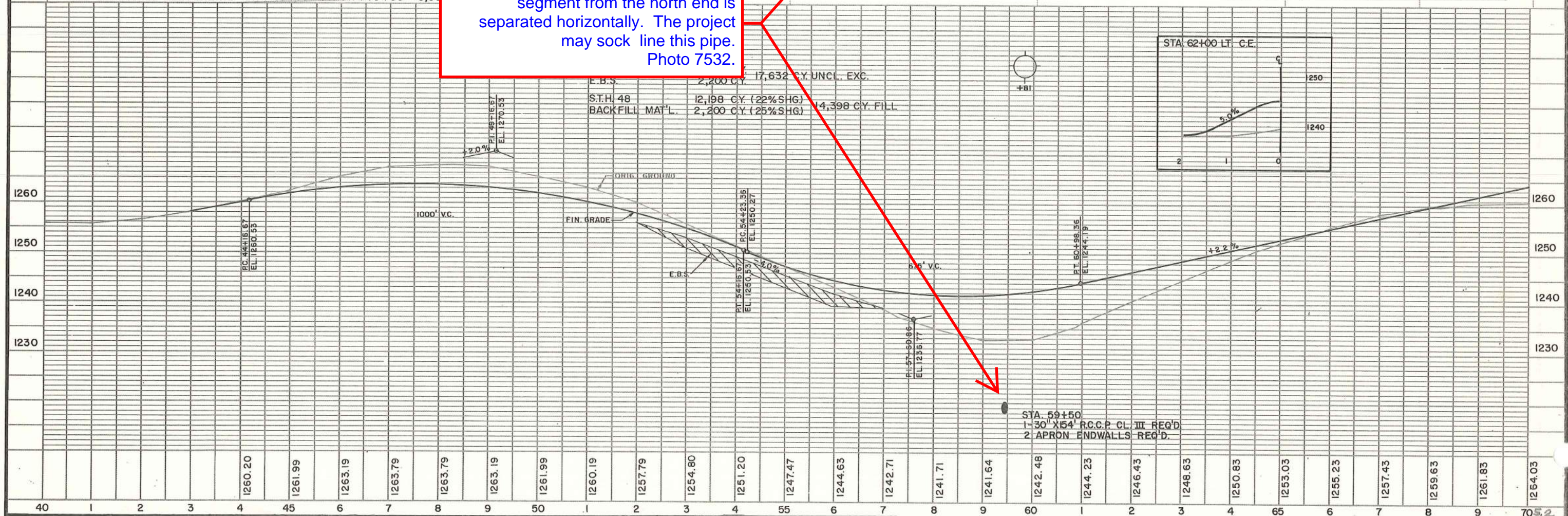
The beam guard is being replaced on both sides of the roadway.

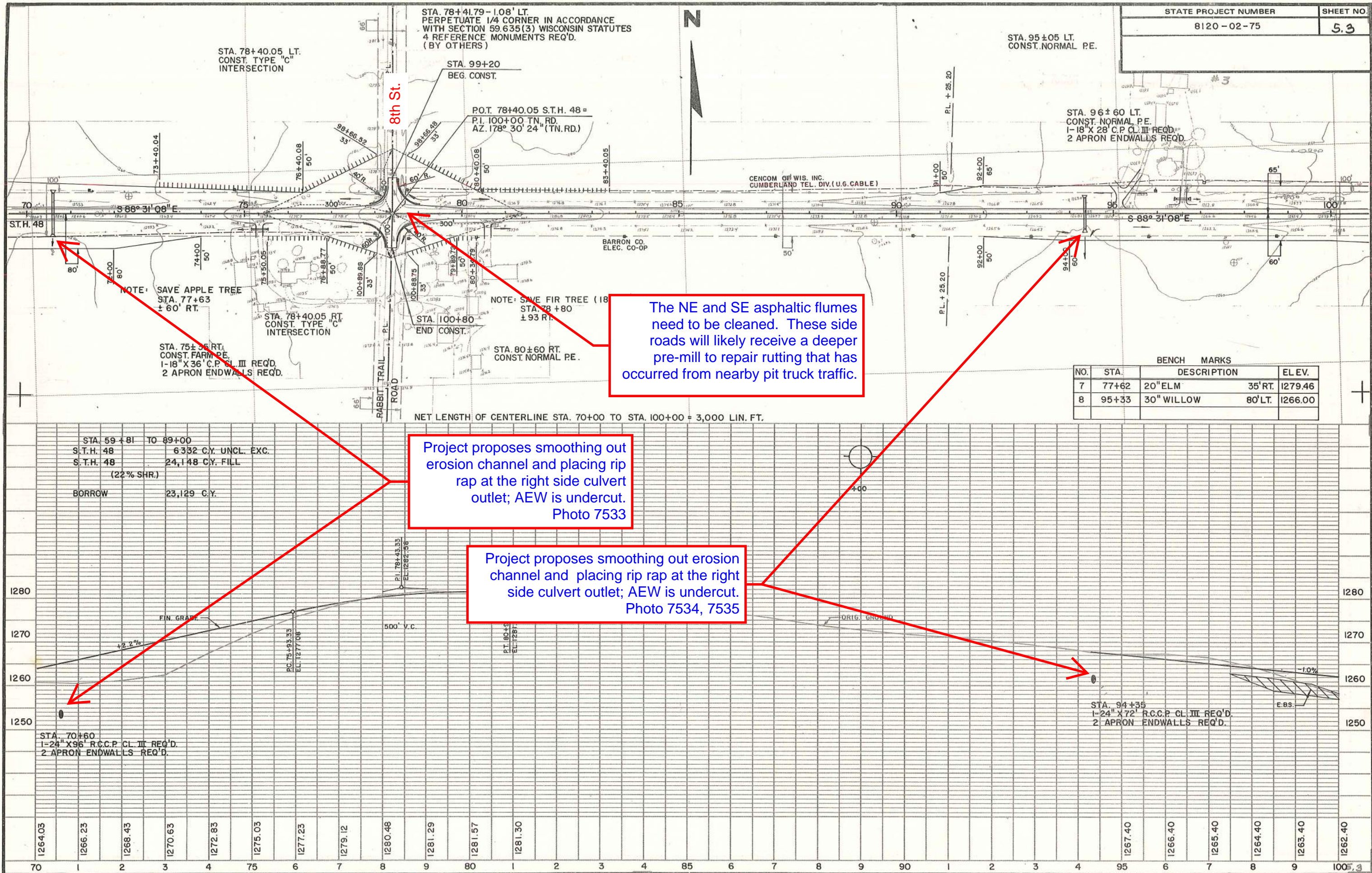
STATE PROJECT NUMBER	SHEET NO.
8120-02-75	5.2

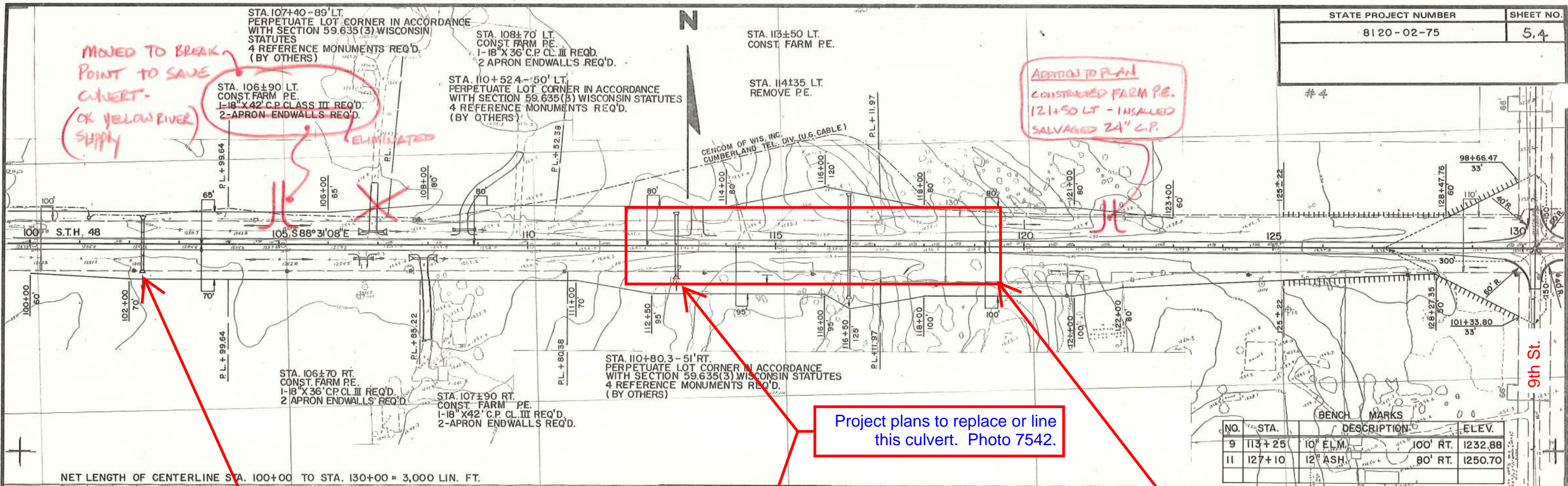


BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
4	49+10	10" BOXELDER	95' LT. 1263.27
5	57+15	10" TWIN ELM.	65' RT. 1233.35
6	69+15	10" W. PINE	50' LT. 1266.76

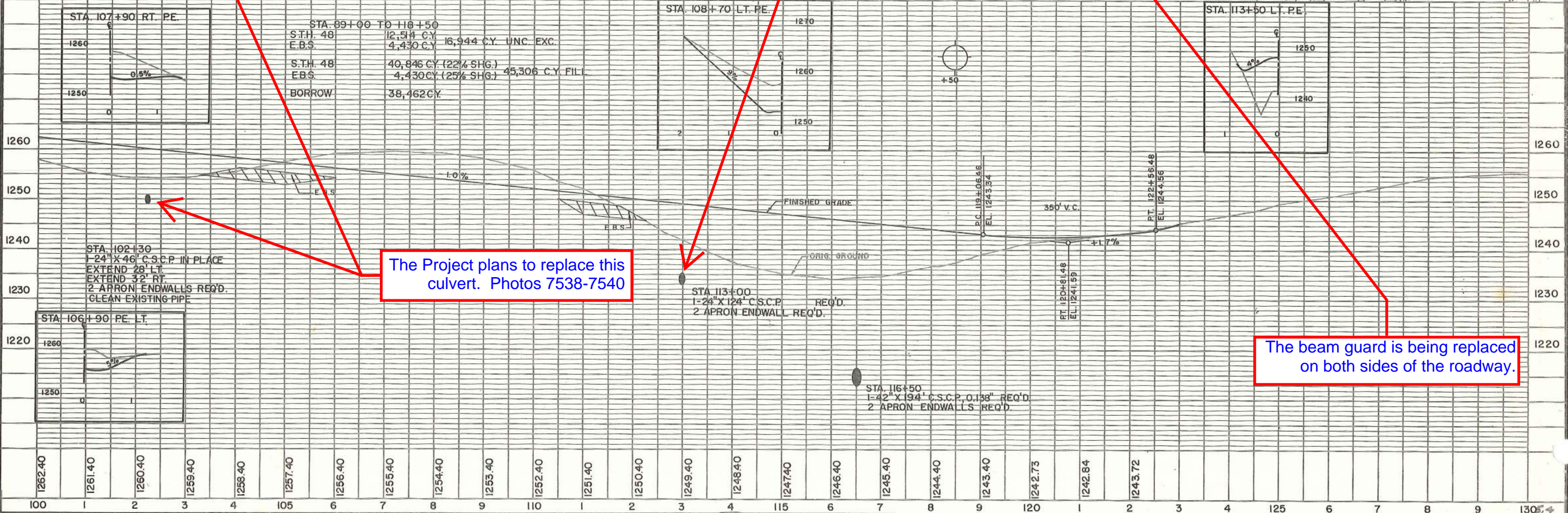
The joint between the 4th and 5th pipe segment from the north end is separated horizontally. The project may sock line this pipe. Photo 7532.







NO.	STA.	DESCRIPTION	ELEV.
9	113+25	10' ELM.	100' RT. 1232.88
11	127+10	12" ASH.	80' RT. 1250.70



The Project plans to replace this culvert. Photos 7538-7540

Project plans to replace or line this culvert. Photo 7542.

The beam guard is being replaced on both sides of the roadway.

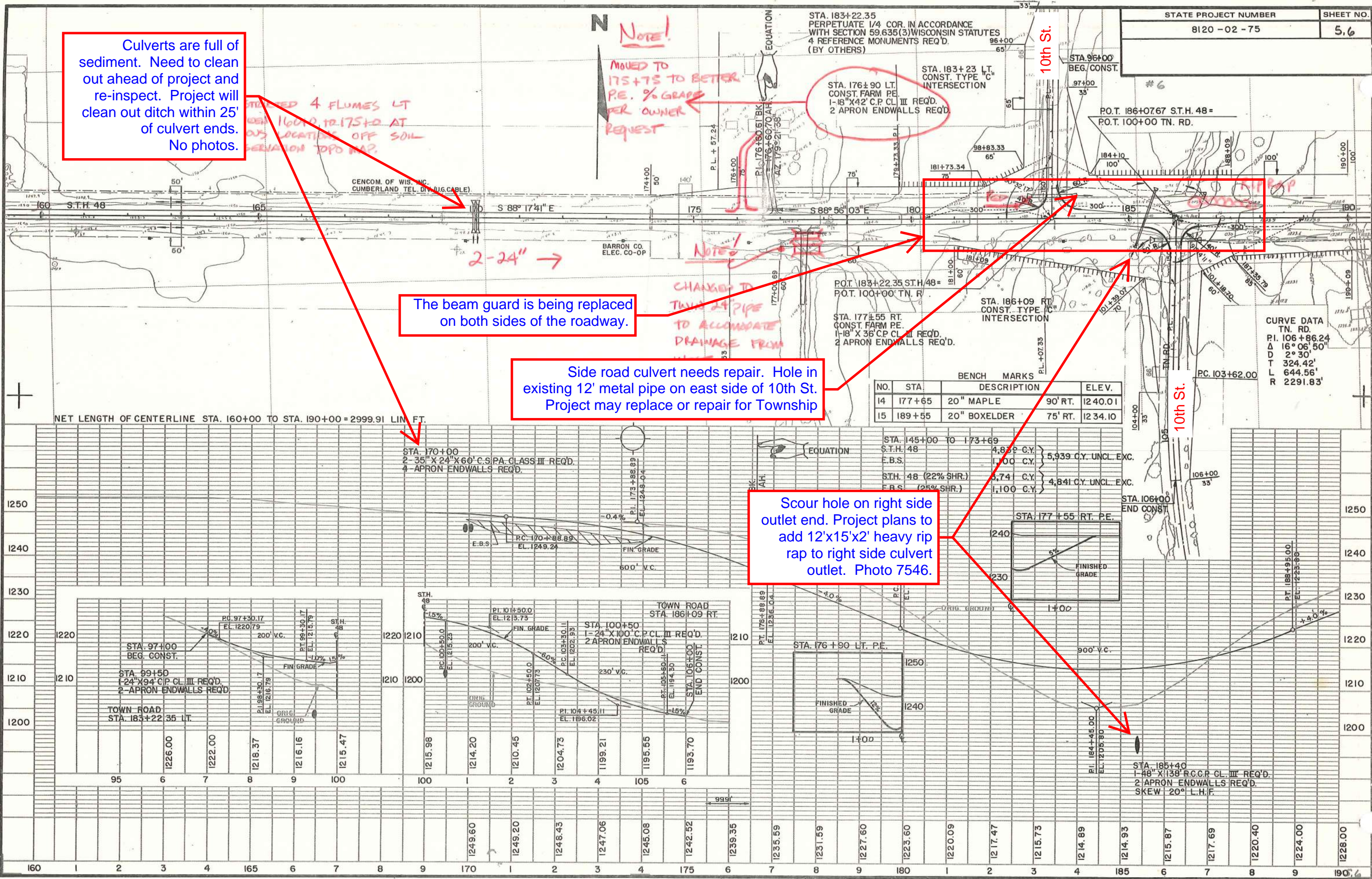
Culverts are full of sediment. Need to clean out ahead of project and re-inspect. Project will clean out ditch within 25' of culvert ends. No photos.

NOTE!
MOVED TO 175+75 TO BETTER P.E. % GRADE PER OWNER REQUEST

The beam guard is being replaced on both sides of the roadway.

Side road culvert needs repair. Hole in existing 12' metal pipe on east side of 10th St. Project may replace or repair for Township

Scour hole on right side outlet end. Project plans to add 12'x15'x2' heavy rip rap to right side culvert outlet. Photo 7546.



Cat. No. 2130 = 0142

STA. 236+61.00
PERPETUATE 1/4 COR. IN ACCORDANCE
WITH SECTION 59.635 (3) WISCONSIN
STATUTES
4 REFERENCE MONUMENTS REQ'D.
(BY OTHERS)

NOTE!

FILLED RT.
SIDE - WASTE

STA. 237+40 LT.
CONST. FARM P.E.
1-18" X 36" C.P. CL. III REQ'D.
2 APRON ENDWALLS REQ'D.

STATE PROJECT NUMBER
8120 - 02 - 75

SHEET NO.
5.8

STA. 246+00 LT. STA. 246+52 LT.
CONST. FARM P.E. REMOVE P.E.

CENCOM OF WIS. INC.
CUMBERLAND TEL. DIV. (U.G. CABLE)

BARRON CO.
ELEC. CO-OP

STA. 246+00 RT. STA. 246+45 RT.
CONST. FARM P.E. REMOVE P.E.

STA. 225+13 RT.
CONST. FARM P.E.
1-18" X 36" C.P. CL. III REQ'D.
2 APRON ENDWALLS REQ'D.

The left side apron end wall has fallen off. The AEW will be replaced and rip rap will be placed to support the AEW and fill the eroded slope. The right side AEW will be cleaned out.
Photo 7561, 7562

STA. 236+80
REMOVE EXIST. BOX CULVERT

STA. 232+00 RT.
CONST. FARM P.E.
1-18" X 36" C.P. CL. III REQ'D.
2 APRON ENDWALLS REQ'D.

STA. 236+82 RT.
CONST. TYPE "C"
INTERSECTION

STA. 100+50 TN. RD.
1-24" X 52" C.P. CL. III REQ'D.
2 APRON ENDWALLS REQ'D.

BENCH MARKS			
NO.	STA.	DESCRIPTION	ELEV.
18	237+15	20' BOXELDER	70' LT. 1210.45

STA. 224+50 - 263+95			
S.T.H. 48	39,830 C.Y.	63,790 C.Y. UNCL. EXC.	7,453 C.Y. FILL
S.R. 262+28	21,180 C.Y.		
E.B.S.	2,780 C.Y.		
S.T.H. 48 (22% SHR.)	4,573 C.Y.	7,453 C.Y. FILL	
S.R. 202+28 (22% SHR.)	100 C.Y.		
BACKFILL MAT'L (25% SHR.)	2,780 C.Y.		
WASTE	54,611 C.Y.		

STA. 235+00
1-24" X 92" R.C.C.P. CL. III REQ'D.
2 APRON ENDWALLS REQ'D.

