IMPROVEMENT OF OTTAWA COUNTY ROAD NO. 135 (BAYSHORE ROAD) DANBURY TOWNSHIP OTTAWA COUNTY OHIO 1976

INDEX OF SHEETS

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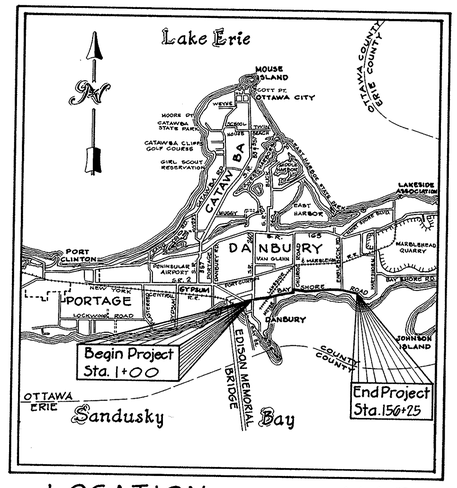
CONVENTIONAL SIGNS

Centerline . . . . . .
Fence Line . . . . . .
Existing Utilities. . . . . indicate
Pole Lines . . . . . telephone . . . power
Trees & Stumps . . . . . to be removed
Existing R/W. . . . . .

LINE DATA

Begin Project	Sta 1+00	
End Project	Sta. 150+25	
Gross Length of Project	15525.00	Lin. Ft.
Deduct for Station Equations	149.97	Lin. Ft.
Deduct for Railroad	12.88	Lin. Ft.
Deduct for Bridge	33.00	Lin. Ft.
NET LENGTH OF PROJECT	15,329.15	Lin. Ft. or 2.903 Miles



LOCATION MAP

SCALES

PLAN	1" = 50'
PROFILE, Horizontal	1" = 50'
PROFILE, Vertical	1" = 5'
CROSS SECTIONS, Horizontal	1" = 5'
CROSS SECTIONS, Vertical	1" = 5'

NOTE

ALL WORK shall conform to the State of Ohio, Department of Highways, Construction and Material Specifications Jan 1st 1975, AND Supplements thereto in effect 14 calendar days prior to the receiving of bids and to these plans.

APPROVALS

WE hereby approve these plans and declare that the making of this improvement will not necessitate the closing of C.R. 135 during construction. WE certify that all necessary Right-of-Way is available.

Approved Harry R. Johnson
Date 10/12/69 County Commissioner

Approved Donald Dorner
Date 10/12/69 County Commissioner

Approved Walter F. Milbrodt
Date 12 Oct 1969 County Commissioner

Approved John G. Papcun
Date 10/13/69 County Engineer

prepared by

T. C. BIEBESHEIMER ENGINEERING CO.
TOLEDO, OHIO

by: T.C. Biebesheimer
date: Jan. 1970

STATE OF OHIO THOMAS BIEBESHEIMER 10252 REGISTERED PROFESSIONAL ENGINEER

NOTE: SEE ATTACHED PAPER COPY FOR FINAL REVISIONS AND "AS BUILT" DETAILS.

Also see extra work order in file No. 6.33 (1974)

Revised from paper copy by S.N. 12/14/79

FILE NO.	OTTAWA COUNTY Date of Letting: _____ 19 ____ Contract No. _____

SUPPLEMENTAL PRINTS OF STANDARD CONSTRUCTION DRAWINGS

DRAWING NO.	DATE	DRAWING NO.	DATE	DRAWING NO.	DATE
BP-5	6-1-65	CB-2-2A & B	6-1-65		
				GR-2A	1-1-67
HW-E	6-1-65				
HW-D	6-1-65	MC-3	6-20-69		
		MC-4	6-13-69		

PLAN	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT VERIFIED		
GEOMETRICS PLOTTED		
GEOMETRICS CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
CONST. LIMITS PLOTTED		

DESIGN	BY	DATE
CONST. LIMITS PLOTTED		
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
GEOMETRICS PLOTTED		
GEOMETRICS CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
DRAINAGE FINALIZED		

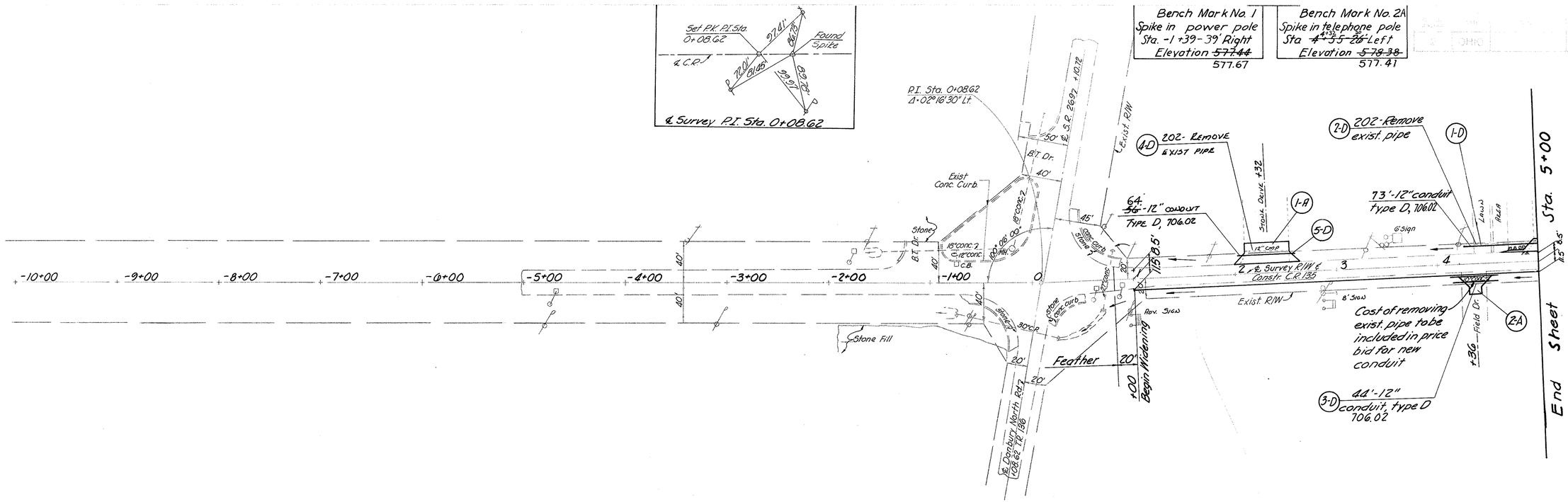
EXISTING	BY	DATE
UTILITIES CHECKED		
UTILITIES PLOTTED		
UTILITIES FINALIZED		
B.M. & REF. POINTS		

PROFILE	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
ALIGNMENT FINALIZED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
DRAINAGE FINALIZED		
STRUCTURES PLOTTED		
STRUCTURES CHECKED		
MAINS DRAINAGE PLOTTED		

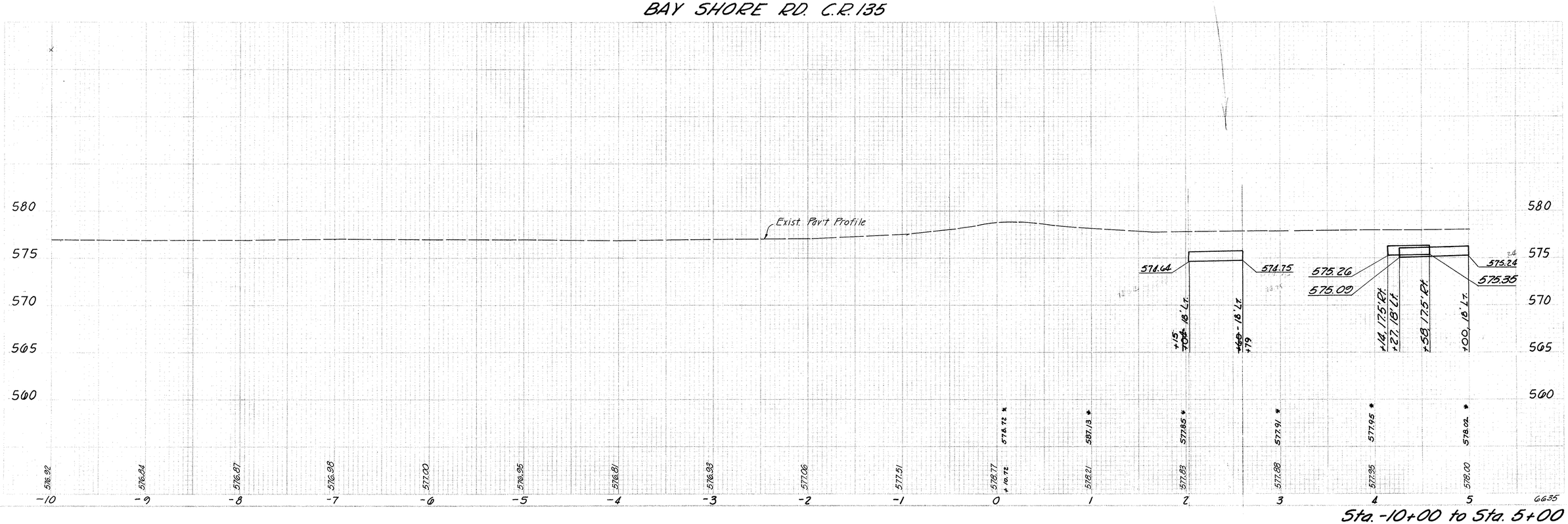
PROFILE	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
STRUCTURES PLOTTED		
STRUCTURES CHECKED		
MAINS DRAINAGE PLOTTED		

DESIGN	BY	DATE
MAINS DRAINAGE PLOTTED		

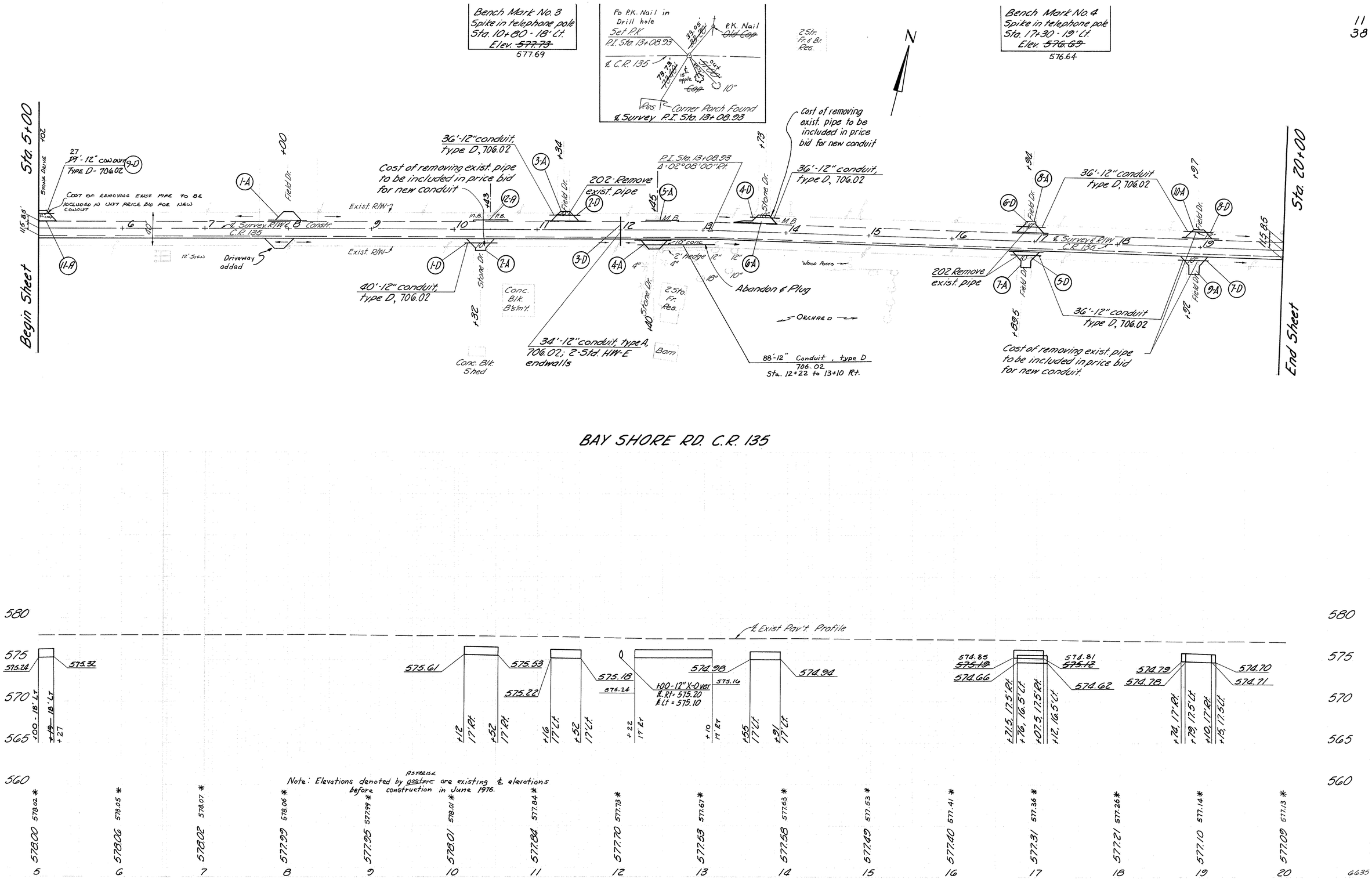
EXISTING	BY	DATE
UTILITIES CHECKED		
UTILITIES PLOTTED		

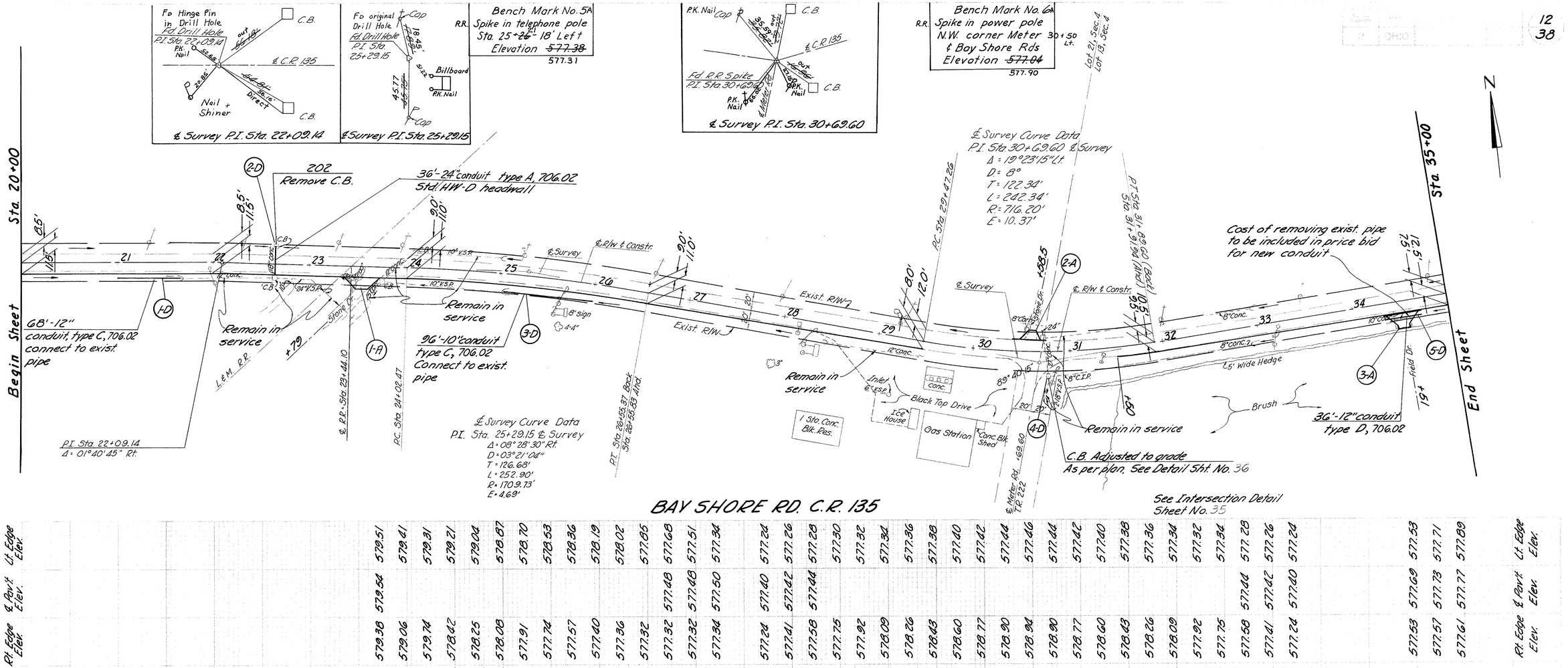


BAY SHORE RD. C.R. 135



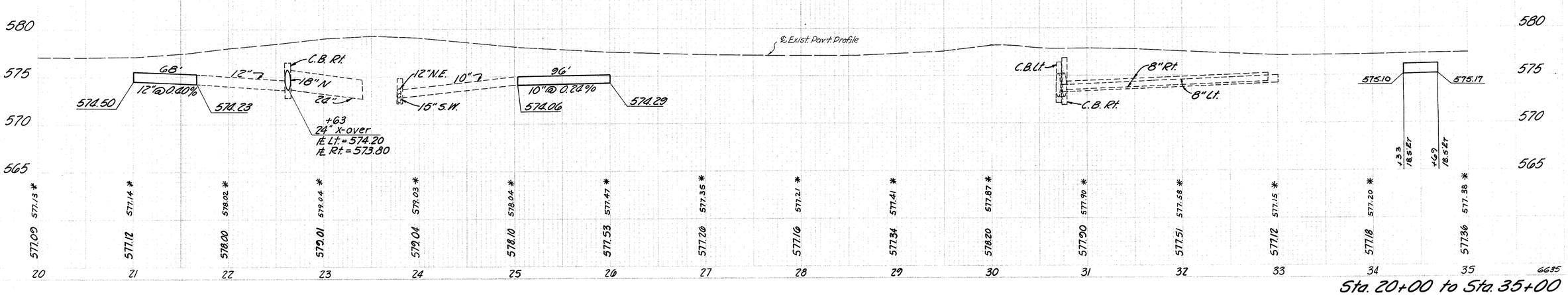
Sta. -10+00 to Sta. 5+00


Bench Mark No. 3
Spike in telephone pole
Sta. 10+80 - 18' Lt.
Elev. ~~577.73~~
577.69
Fd P.K. Nail in Drill hole
Set P.K.
P.I. Sta. 13+08.93
℄ C.R. 135
P.K. Nail
~~Old Cap~~
33.05'
~~33.70'~~
~~94.4'~~
~~94.7'~~
~~79.79'~~
~~79.44'~~
15" dia. apple
~~Cap~~
10"
Res.
Corner Porch Found
℄ Survey P.I. Sta. 13+08.93
2 Str. Fr. & Br. Res.
N
Bench Mark No. 4
Spike in telephone pole
Sta. 17+30 - 19' Lt.
Elev. ~~576.69~~
576.64
Begin Sheet
Sta. 5+00
End Sheet
Sta. 20+00
Stone Drive
102
27
19'-12" conduit
Type D - 706.02
9-D
Cost of removing exist. pipe to be included in unit price bid for new conduit
145.35'
1-A
Field Dr.
+00
Exist. R/W
℄ Survey R/W & Constr. C.R. 135
12' Sign
Driveway added
11-A
1-D
2-A
40'-12" conduit, type D, 706.02
Stone Dr.
+32
Conc. Blk. B'sm't.
Conc. Blk. Shed
36'-12" conduit, type D, 706.02
Cost of removing exist. pipe to be included in price bid for new conduit
+43
12-A
m.B.
P.B.
3-A
+34
2-D
202 Remove exist. pipe
3-D
4-A
34'-12" conduit, type A, 706.02; 2-Std. HW-E endwalls
+40
2 Sto. Fr. Res.
Barn
P.I. Sta. 13+08.93
Δ = 02°08'00" Rt.
+45
5-A
M.B.
10" conc.
2' hedge
4"
12"
18"
10"
6-A
Abandon & Plug
+73
4-D
Stone Dr.
Wood Posts
Orchard
88'-12" Conduit, type D
706.02
Sta. 12+22 to 13+10 Rt.
Cost of removing exist. pipe to be included in price bid for new conduit
36'-12" conduit, type D, 706.02
+94
8-A
6-D
Field Dr.
202 Remove exist. pipe
7-A
5-D
+89.5
36'-12" conduit type D, 706.02
+97
10-A
8-D
9-A
7-D
+92
Cost of removing exist. pipe to be included in price bid for new conduit.
℄ Survey R/W C.R. 135
145.85'
BAY SHORE RD. C.R. 135
℄ Exist Pav't. Profile
575.24
575.32
+00 - 18' Lt.
~~+19 - 18' Lt.~~
+27
575.61
575.53
575.22
+12 17' Rt.
+52 17' Rt.
+16 17' Lt.
+52 17' Lt.
575.18
575.24
+00-12" X-Over
℄ Rt = 575.20
℄ Lt = 575.10
+22 17' Rt.
574.98
575.16
+10 17' Rt.
574.94
+55 17' Lt.
+91 17' Lt.
574.85
~~575.19~~
574.66
574.81
~~575.12~~
574.62
+71.5, 17.5' Rt.
+76, 16.5' Lt.
+07.5, 17.5' Rt.
+12, 16.5' Lt.
574.79
574.78
574.70
574.71
+74, 17' Rt.
+79, 17.5' Lt.
+10, 17' Rt.
+15, 17.5' Lt.
580
575
570
565
560
Note: Elevations denoted by asterisk are existing ℄ elevations before construction in June 1976.
578.02 *
578.05 *
578.07 *
577.99 578.06 *
577.95 577.99 *
578.01 578.01 *
577.84 577.84 *
577.70 577.73 *
577.53 577.67 *
577.58 577.63 *
577.49 577.53 *
577.40 577.41 *
577.31 577.36 *
577.21 577.26 *
577.10 577.14 *
577.09 577.13 *
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
Sta. 5+00 to Sta. 20+00
GG35

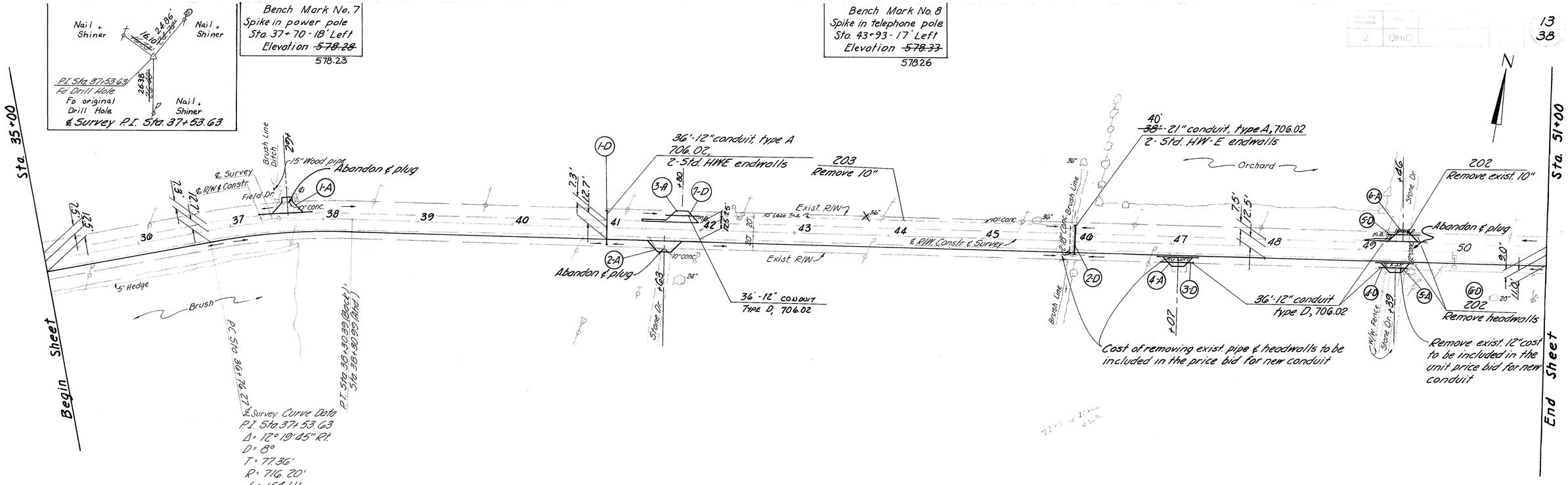


BAY SHORE RD. C.R. 135

Sta.	Rt. Edge Elev.	℄ Pav't Elev.	Lt. Edge Elev.
20+00	579.38	579.54	579.51
21	579.06	579.12	579.41
22	578.74	578.42	579.31
23	578.25	578.08	579.21
24	578.08	578.00	579.04
25	577.91	577.74	578.87
26	577.57	577.40	578.70
27	577.36	577.19	578.53
28	577.32	577.02	578.36
29	577.32	577.02	578.19
30	577.34	577.04	578.02
31	577.32	577.02	577.85
32	577.34	577.04	577.68
33	577.36	577.06	577.51
34	577.38	577.08	577.34
35	577.40	577.10	577.17
36	577.42	577.12	577.00
37	577.44	577.14	576.83
38	577.46	577.16	576.66
39	577.48	577.18	576.49
40	577.50	577.20	576.32
41	577.52	577.22	576.15
42	577.54	577.24	575.98
43	577.56	577.26	575.81
44	577.58	577.28	575.64
45	577.60	577.30	575.47
46	577.62	577.32	575.30
47	577.64	577.34	575.13
48	577.66	577.36	574.96
49	577.68	577.38	574.79
50	577.70	577.40	574.62
51	577.72	577.42	574.45
52	577.74	577.44	574.28
53	577.76	577.46	574.11
54	577.78	577.48	573.94
55	577.80	577.50	573.77

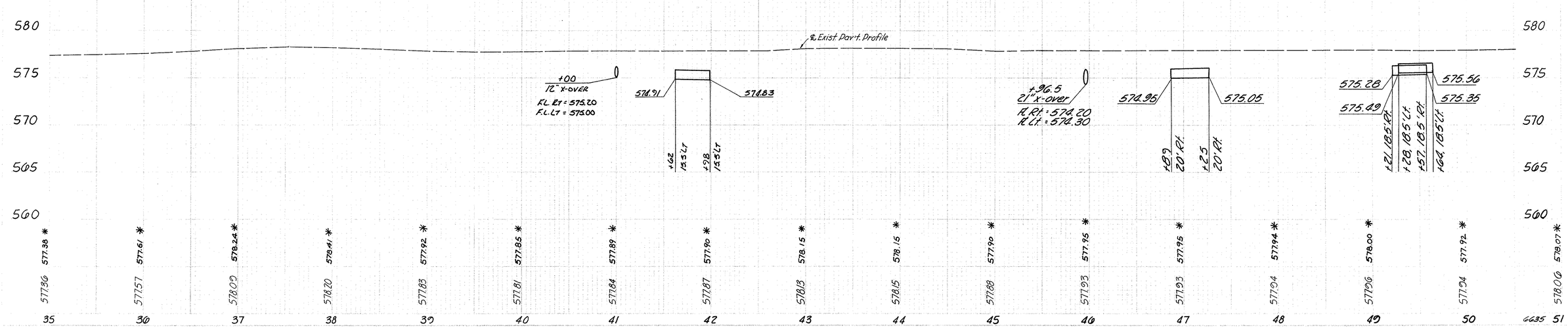


Sta. 20+00 to Sta. 35+00



BAY SHORE RD. C.R. 135

Sta.	Rt. Edge Elev.	℄ Pav't Elev.	Lt. Edge Elev.
35+00	577.61	577.77	577.69
	577.65		578.07
36	577.69	577.77	578.25
	577.73		578.43
37	577.77	577.81	578.61
	577.81		578.79
38	577.85	577.86	578.97
	577.86		579.12
39	577.87	577.88	579.27
	577.88		579.39
40	577.89	577.90	579.43
	577.90		579.41
41	577.91	577.92	579.31
	577.92		579.18
42	577.93	577.94	579.05
	577.94		578.92
43	577.95	577.96	578.79
	577.96		578.66
44	577.97	577.98	578.53
	577.98		578.40
45	577.99	578.15	578.27
	578.00	578.16	578.14
46	578.01	578.17	578.01
47	578.19	578.35	578.19
	578.22	578.38	578.35
48	578.25	578.41	578.51
	578.26	578.42	578.57
49	578.28		578.67
	578.31		578.63
50	578.34		578.99
	578.37		579.15



Sta. 35+00 to Sta. 51+00

PLAN — EXISTING	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
GEOMETRICS PLOTTED		
GEOMETRICS CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
CONST. LIMITS PLOTTED		

PLAN — DESIGN	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
GEOMETRICS PLOTTED		
GEOMETRICS CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
CONST. LIMITS PLOTTED		

PLAN — EXISTING	BY	DATE
UTILITIES PLOTTED		
UTILITIES CHECKED		
UTILITIES INKED		

PLAN — DESIGN	BY	DATE
CONST. LIMITS CHECKED		
CONST. LIMITS PLOTTED		
FINAL LINES PLOTTED		
FINAL LINES CHECKED		
FINAL R/W PLOTTED		
FINAL R/W CHECKED		
INKED		

PROFILE — EXISTING	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
ALIGNMENT INKED		
TOPOGRAPHY PLOTTED		
TOPOGRAPHY CHECKED		
TOPOGRAPHY INKED	J.W.R.	4-29
DRAINAGE PLOTTED		

PROFILE — DESIGN	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
ALIGNMENT INKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
DRAINAGE INKED		
UTILITIES PLOTTED		

PROFILE — DESIGN	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
ALIGNMENT INKED		
STRUCTURES PLOTTED		
STRUCTURES CHECKED		
MASS DIAGRAM PLOTTED		

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

Bench Mark No. 9
Spike in telephone pole
Sta 51+97 - 18' Left
Elevation ~~578.02~~
577.93

P.I. Sta. 52+92.21
Set Drill Hole
Fo Drill Hole
46.32'
32.05'
39.46'
℄ Survey P.I. Sta. 52+92.21

P.I. Sta. 60+79.43
Fd Iron Pin (Spline)
Fo original iron Pin
28.42'
27.03'
18.51'
Signs
℄ Survey P.I. Sta. 60+79.43

Barn

Bench Mark No. 10
Spike in power pole
Sta. 60+10 - 10' Right
Elevation ~~578.25~~
578.15

End Sheet

Sta. 65+00

N

Begin Sheet

Sta. 51+00

℄ Survey Curve Data
P.I. Sta 52+92.21
Δ = 13°29'30" Rt.
D = 13°30'
T = 50.20'
R = 424.41'
L = 99.94'
E = 2.96'

Remove exist. 8" pipe Sta. 63+40 to 64+40. Cost to be included in the unit price bid for 12" conduit, type C, 706.02

P.C. Sta. 64+78.69

Lot 12

1 Sta. Corr. Metal Barn

Remain in service

Grade to drain

36'-12" conduit type A, 706.02

104'-12" conduit, Type C 706.02.

Sta. 63+90, No. 2-2-B C.B. build on exist. 18" sewer see cross section sheet No. 27 for elevations

Abandon & plug

2 Story Fr. Res.

Sta. 62+40 ℄ Survey

P.T. Sta 62+14.52 Ahead
Sta 61+48.33 Back

168'-18" conduit, type A, 706.02 @ 0.44% grade

Lot 8
Build Sto. #7 Catch Basin & connect to 18" sewer w/ 8 Lin Ft 10" Conduit, Type C. (706.02)

Guard Rail to remain in service

48' Lin Ft. - 18" R.C.P. connect to existing 18" & to C. Basin

Build 3+3 C. Basin

20 Lin. Ft. 24" R.C.P. connect to exist. 24" & to C. Basin

R 18"
573.10

BAY SHORE RD. C.R. 135

℄ Survey Curve Data
P.I. Sta 60+79.43
Δ = 95°52'15" Lt.
D = 47°
T = 135.09'
R = 121.91'
L = 203.99'
E = 60.05'

Item 202 existing concrete base removed and disposed of

40'-12" conduit, type D 706.02

Abandon & plug

202 Remove exist. pipe

Connect 18" x-over & sewer to No. 2-2-A C.B. (Mod) 6'-18" conduit, type B, 706.02 (each connection)

Orchard (12" trees)

Build Sto. #7 Catch Basin 100'-10" Conduit, Type C, 706.02

P.T. Sta. 59+44.34
Sta. 61+48.33 Back

202 Remove

Plug & Remove

Guard Rail

Inlet

Lot 12, Sec. 4
Lot 8, Sec. 4

℄ Design Curve Data
P.I. Sta. 52+92.21
Δ = 13°29'30" Rt.
D = 8°
T = 84.71'
R = 716.20'
L = 168.65'
E = 4.99'

P.C. Sta. 52+07.49

P.T. Sta. 53+76.14 Back
Sta. 53+76.98 Ahead

West Line Sec. 4 Sec. 3

Exist. R/W

Wire Fence

Septic Tank

1 Sta. Frame House

House Trailers

Trailer Park Office

Trailer

Bushes

Wood

Conc.

Guard Rail

Stone Dr.

Wood Fence

Field Dr.

44'-12" conduit type D, 706.02

48'-12" conduit type D, 706.02

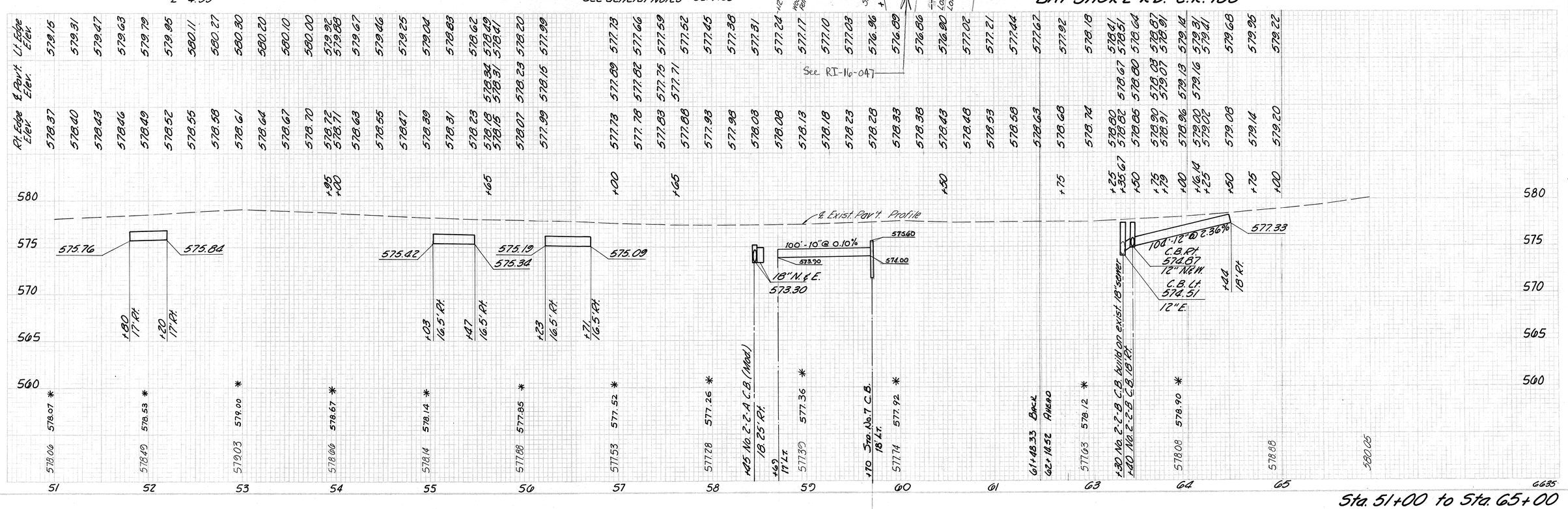
No. 2-2-A C.B. (Mod.) See General Notes

Remain in service

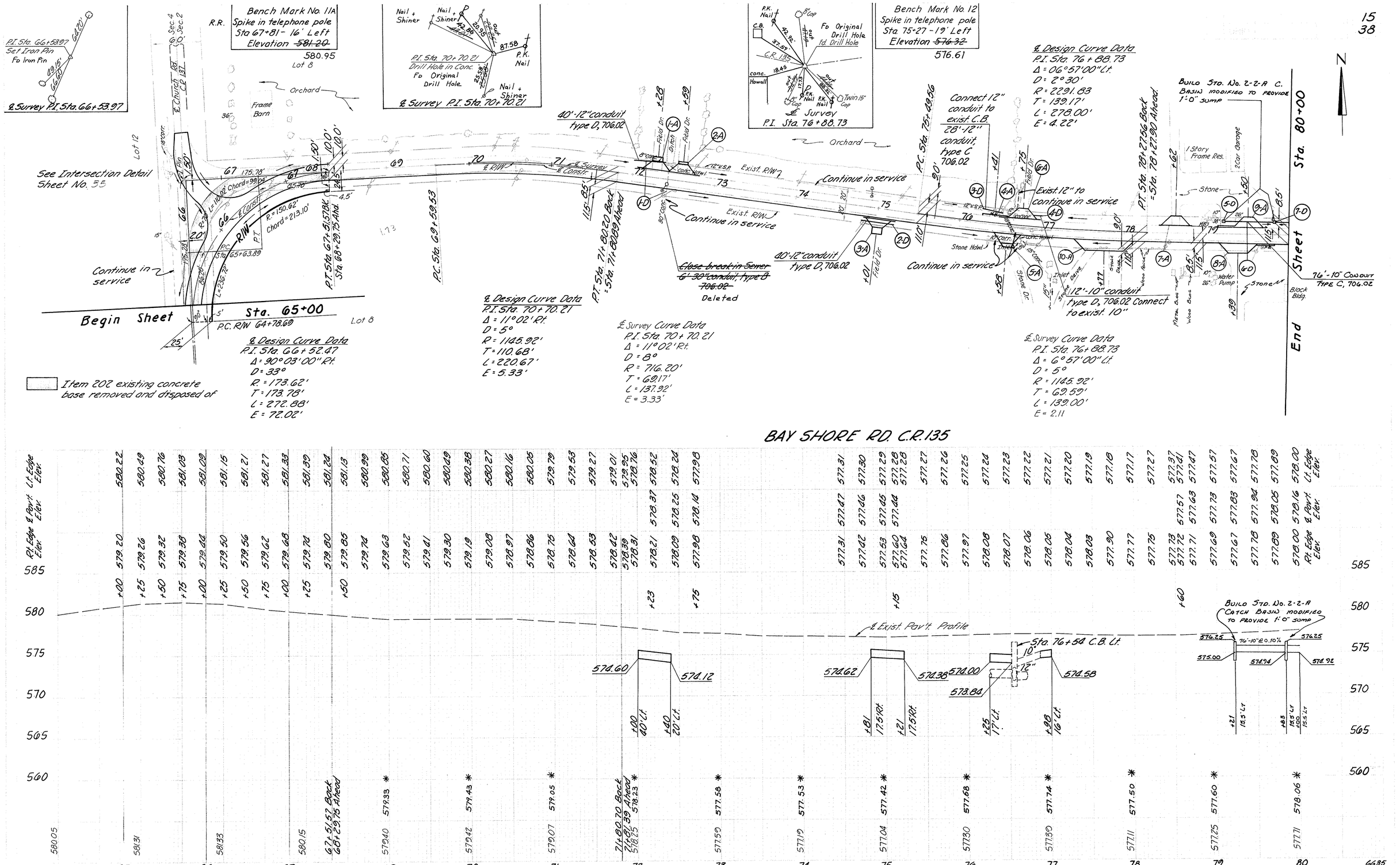
1 Sta. Fr. Res.

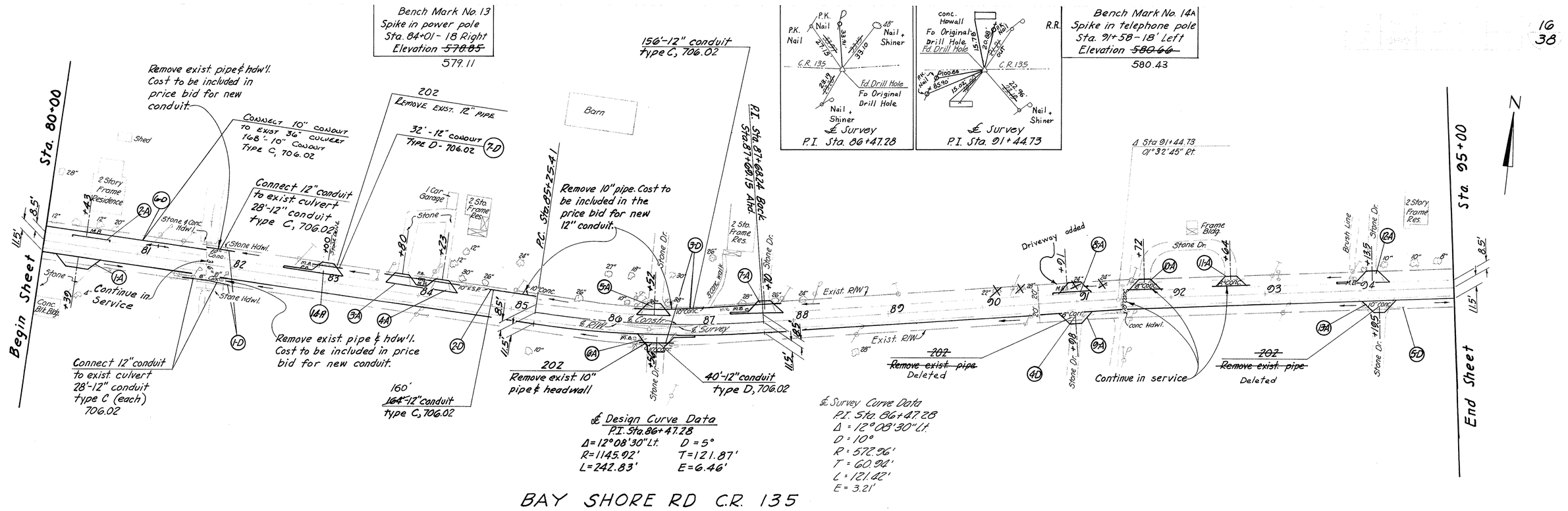
See RI-16-047

Station	Lt. Edge Elev.	Rt. Edge Elev.	℄ Pav't. Elev.
51	578.15	578.37	
52	579.31	578.40	
53	579.47	578.43	
54	579.63	578.46	
55	579.79	578.49	
56	579.95	578.52	
57	580.11	578.55	
58	580.27	578.58	
59	580.30	578.61	
60	580.20	578.64	
61	580.10	578.67	
63	580.00	578.70	
64	579.92	578.72	
	579.88	578.71	
65	579.67	578.63	
	579.46	578.55	
	579.25	578.47	
	579.04	578.39	
	578.83	578.31	
	578.62	578.23	
	578.49	578.18	578.34
	578.41	578.15	578.31
	578.20	578.07	578.23
	577.99	577.99	578.15
	577.73	577.73	577.89
	577.66	577.78	577.82
	577.59	577.83	577.75
	577.52	577.88	577.71
	577.45	577.93	
	577.38	577.98	
	577.31	578.03	
	577.24	578.08	
	577.17	578.13	
	577.10	578.18	
	577.03	578.23	
	576.96	578.28	
	576.89	578.33	
	576.86	578.38	
	576.90	578.43	
	577.02	578.48	
	577.21	578.53	
	577.44	578.58	
	577.67	578.63	
	577.92	578.68	
	578.18	578.74	
	578.41	578.80	
	578.51	578.67	
	578.64	578.80	
	578.87	578.03	
	578.91	579.07	
	579.14	579.13	
	579.31	579.16	
	579.41	579.02	
	579.68	579.08	
	579.95	579.14	
	579.22	579.20	



Sta. 51+00 to Sta. 65+00


Bench Mark No. 11A
Spike in telephone pole
Sta 67+81 - 16' Left
Elevation ~~581.20~~
580.95
Bench Mark No. 12
Spike in telephone pole
Sta. 75+27 - 19' Left
Elevation ~~576.32~~
576.61
P.I. Sta. 66+53.97
Set Iron Pin
Fo Iron Pin
℄ Survey P.I. Sta. 66+53.97
Nail + Shiner
P.I. Sta. 70+70.21
Drill Hole in Conc.
Fo Original Drill Hole
℄ Survey P.I. Sta. 70+70.21
P.K. Nail
Fo Original Drill Hole
Fd. Drill Hole
℄ Survey
P.I. Sta. 76+88.73
Orchard
Frame Barn
See Intersection Detail Sheet No. 35
Continue in service
Begin Sheet
Sta. 65+00
P.C. R/W 64+78.69
Lot 8
Lot 12
℄ Church Rd.
Sec 4
Sec 2
℄ R/W
℄ Const.
Exist. R/W
Exist. 12" to contique in service
40'-12" conduit type D, 706.02
Connect 12" conduit to exist. C.B.
28'-12" conduit, type C 706.02
~~Close break in Sewer G-30" conduit, type B 706.02~~
Deleted
12"-10" conduit type D, 706.02 Connect to exist. 10"
Stone Hdwl.
Stone Dr.
Stone Drive
Inlet
Field Dr.
Ditch
Conc. Hdwl.
1 Story Frame Res.
2 Car Garage
Stone
Water Pump
Block Bldg.
Build Sta. No. 2-2-A C. Basin modified to provide 1'-0" sump
76"-10" Conduit Type C, 706.02
Sta. 80+00
End Sheet
N
℄ Design Curve Data
P.I. Sta. 66+52.47
Δ = 90°03'00" Rt.
D = 33°
R = 173.62'
T = 173.78'
L = 272.88'
E = 72.02'
℄ Design Curve Data
P.I. Sta. 70+70.21
Δ = 11°02' Rt.
D = 5°
R = 1145.92'
T = 110.68'
L = 220.67'
E = 5.33'
℄ Survey Curve Data
P.I. Sta. 70+70.21
Δ = 11°02' Rt.
D = 8°
R = 716.20'
T = 69.17'
L = 137.92'
E = 3.33'
℄ Design Curve Data
P.I. Sta. 76+88.73
Δ = 06°57'00" Lt.
D = 2°30'
R = 2291.83
T = 139.17'
L = 278.00'
E = 4.22'
℄ Survey Curve Data
P.I. Sta. 76+88.73
Δ = 6°57'00" Lt.
D = 5°
R = 1145.92'
T = 69.59'
L = 139.00'
E = 2.11
Item 202 existing concrete base removed and disposed of
BAY SHORE RD. C.R. 135
Rt. Edge of Pav't. Elev.
Lt. Edge of Pav't. Elev.
℄ Exist. Pav't. Profile
Sta. 76+54 C.B. Lt.
Build Sta. No. 2-2-A Catch Basin modified to provide 1'-0" sump
Sta. 65+00 to Sta. 80+00


Bench Mark No. 13
Spike in power pole
Sta. 84+01 - 18 Right
Elevation ~~578.85~~
579.11
Bench Mark No. 14A
Spike in telephone pole
Sta. 91+58 - 18' Left
Elevation ~~580.66~~
580.43
Begin Sheet
Sta. 80+00
Sta. 95+00
End Sheet
Remove exist. pipe & hdw'l. Cost to be included in price bid for new conduit.
Connect 10" conduit to exist 36" culvert 168'-10" Conduit Type C, 706.02
202
Remove exist. 12" pipe
32'-12" conduit Type D-706.02
Connect 12" conduit to exist. culvert 28'-12" conduit Type C, 706.02
156'-12" conduit type C, 706.02
Remove 10" pipe. Cost to be included in the price bid for new 12" conduit.
Continue in Service
Connect 12" conduit to exist. culvert 28'-12" conduit type C (each) 706.02
Remove exist. pipe & hdw'l. Cost to be included in price bid for new conduit.
160' ~~164'~~-12" conduit type C, 706.02
202
Remove exist. 10" pipe & headwall
40'-12" conduit type D, 706.02
~~202~~
~~Remove exist. pipe~~
Deleted
Continue in service
~~202~~
~~Remove exist. pipe~~
Deleted
Δ Sta 91+44.73
01°32'45" Rt.
Driveway added
Barn
Shed
2 Story Frame Residence
1 Car Garage
2 Sta. Frame Res.
Frame Bldg.
Brush Line
Stone Dr.
Exist. R/W
℄ Survey
℄ Design Curve Data
P.I. Sta. 86+47.28
Δ = 12°08'30" Lt.
D = 5°
R = 1145.92'
T = 121.87'
L = 242.83'
E = 6.46'
℄ Survey Curve Data
P.I. Sta. 86+47.28
Δ = 12°08'30" Lt.
D = 10°
R = 572.96'
T = 60.94'
L = 121.42'
E = 3.21'
℄ Survey
P.I. Sta. 86+47.28
℄ Survey
P.I. Sta. 91+44.73
BAY SHORE RD C.R. 135
℄ Exist. Pav't. Profile
168 Lin. Ft. -10" @ 0.10%
164'-12" @ 0.24%
156'-12" @ 0.24%
Exist. 36" Culvert
Rt. Edge ℄ Pav't. Lt. Edge
Elev. Elev. Elev.
Sta. 80+00 to Sta. 95+00

PLAN	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
GEOMETRICS PLOTTED		
GEOMETRICS CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
CONST. LIMITS PLOTTED		

PLAN	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
GEOMETRICS PLOTTED		
GEOMETRICS CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
CONST. LIMITS PLOTTED		

DESIGN	BY	DATE
CONST. LIMITS CHECKED		
PROF. LINES PLOTTED		
PROF. LINES CHECKED		
PROF. ALTS. PLOTTED		
PROF. ALTS. CHECKED		
INKED		

EXISTING	BY	DATE
UTILITIES CHECKED		
UTILITIES INKED		

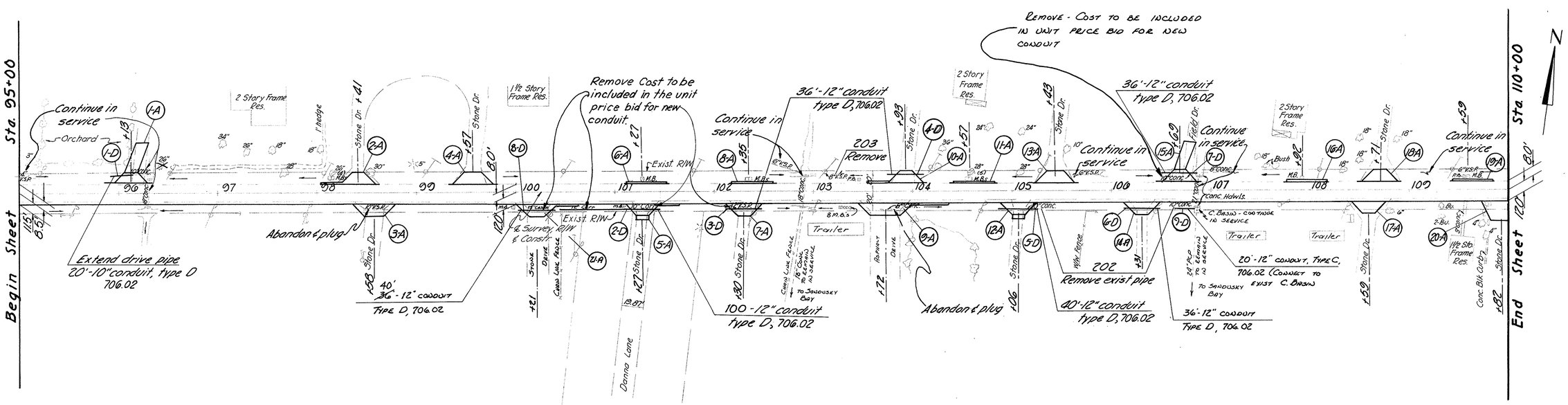
PROFILE	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
ALIGNMENT INKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
UTILITIES PLOTTED		

PROFILE	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
GRADES PLOTTED		
GRADES CHECKED		
STRUCTURES PLOTTED		
STRUCTURES CHECKED		
CLASS DIAGRAM PLOTTED		

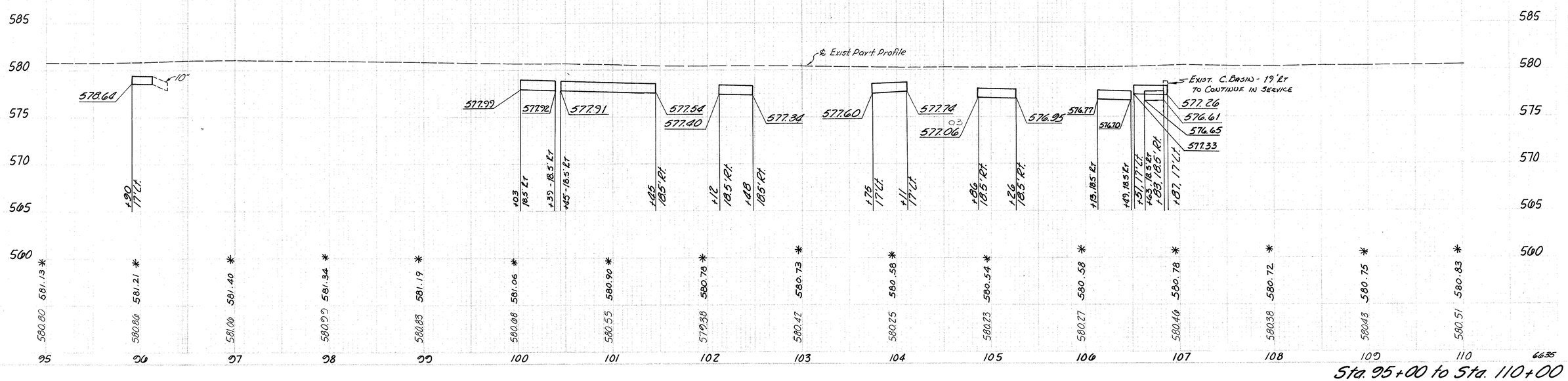
DESIGN	BY	DATE
CLASS DIAGRAM INKED		

EXISTING	BY	DATE
UTILITIES CHECKED		
UTILITIES INKED		

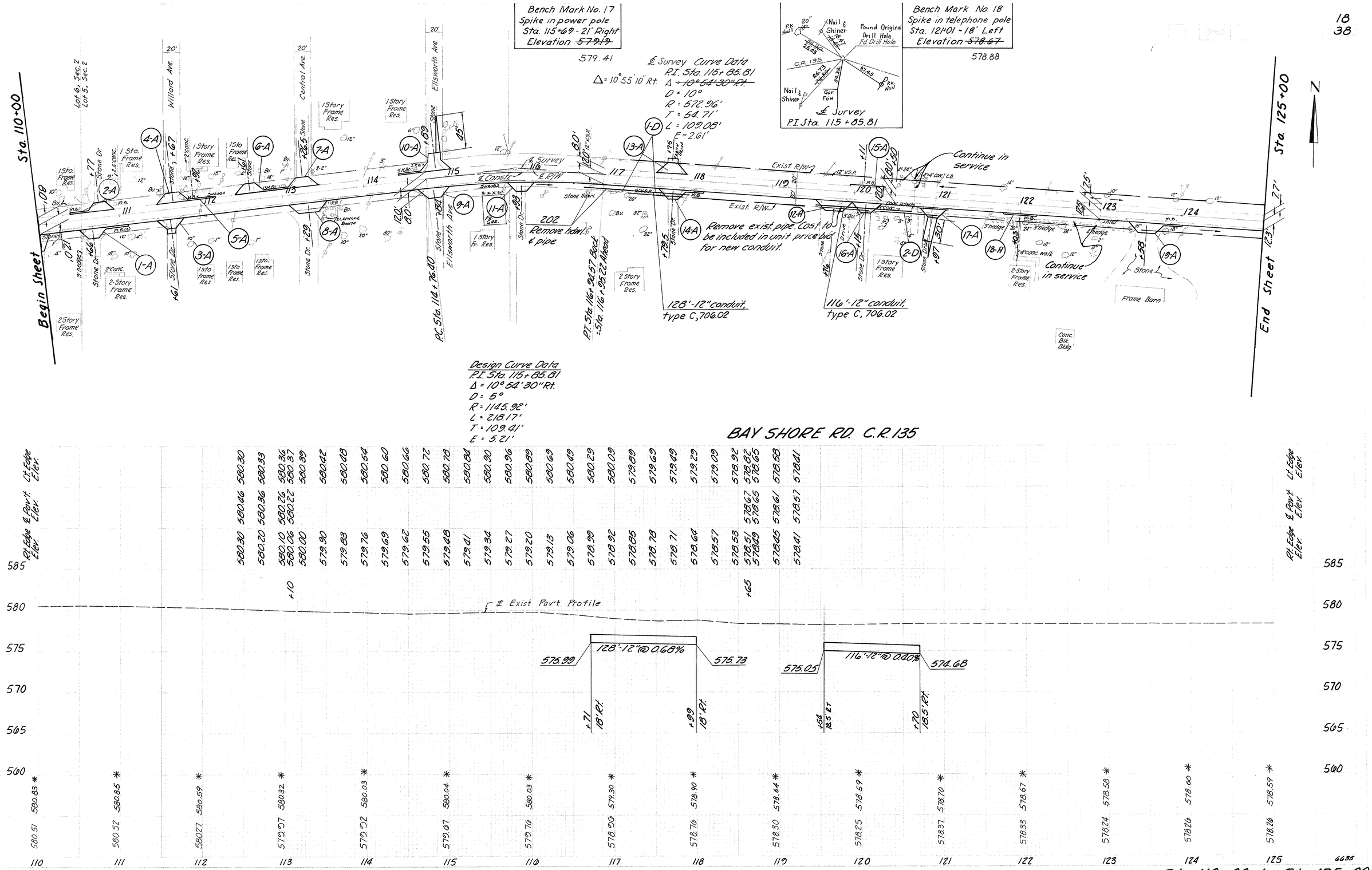
PROFILE	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
ALIGNMENT INKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
UTILITIES PLOTTED		



BAY SHORE RD. C.R. 135

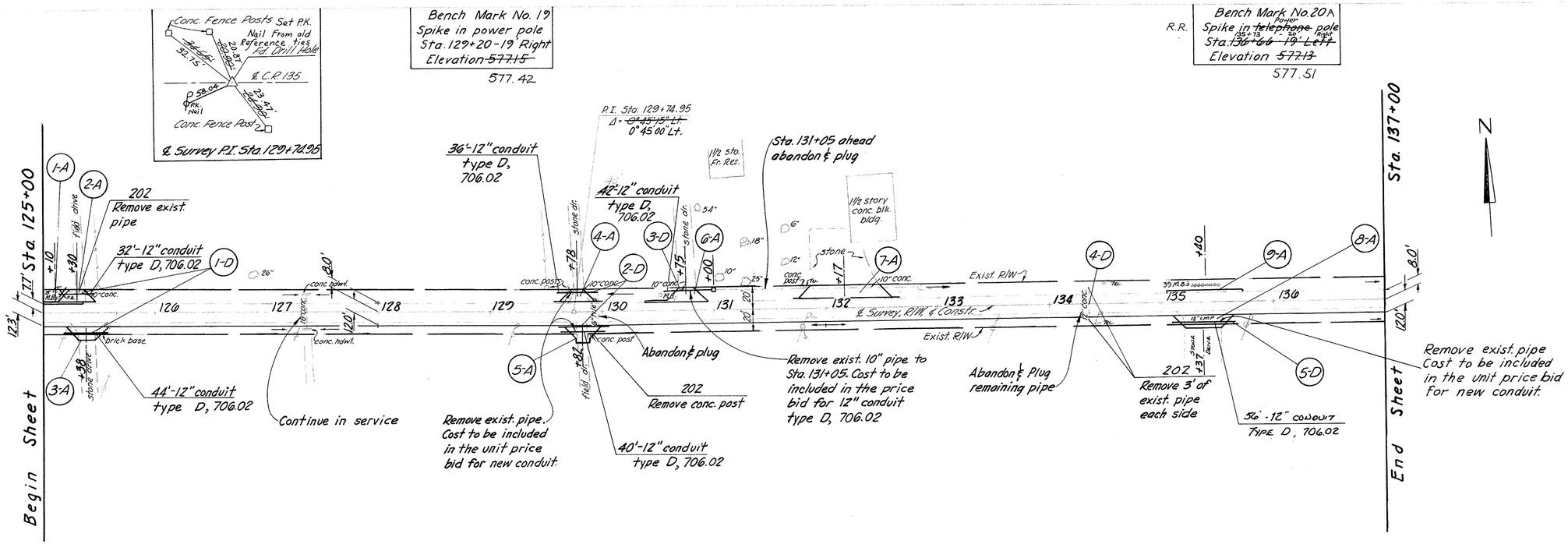


Sta. 95+00 to Sta. 110+00

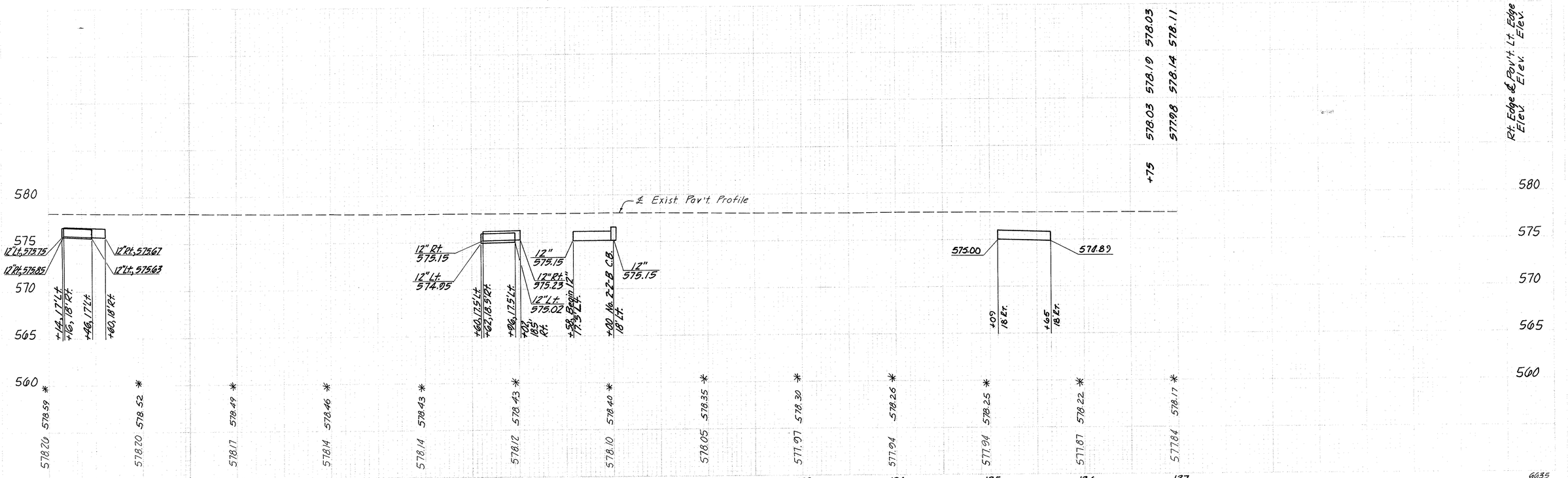

Bench Mark No. 17
Spike in power pole
Sta. 115+69 - 21' Right
Elevation ~~579.19~~
579.41
Bench Mark No. 18
Spike in telephone pole
Sta. 121+01 - 18' Left
Elevation ~~578.67~~
578.88
℄ Survey Curve Data
P.I. Sta. 115+85.81
Δ = 10°55'10" Rt.
~~Δ = 10°54'30" Rt.~~
D = 10°
R = 572.96'
T = 54.71'
L = 109.08'
E = 2.61'
Found Original Drill Hole
Fd Drill Hole
C.R. 135
Nail & Shiner
Gar. FON
Begin Sheet
End Sheet
Sta. 110+00
Sta. 125+00
Willard Ave.
Central Ave.
Ellsworth Ave.
Stone Dr.
Lot 6, Sec 2
Lot 5, Sec. 2
1 Story Frame Res.
2 Story Frame Res.
1 Sto. Frame Res.
1 Story Fr. Res.
Telephone Booth
Stone Hdwl.
Exist. R/W
℄ Const.
℄ R/W
℄ Survey
Remove hdwl. & pipe
Remove exist. pipe. Cost to be included in unit price bid for new conduit.
Continue in service
Frame Barn
Conc. Blk. Bldg.
P.C. Sta. 114+76.10
P.T. Sta. 116+92.57 Back
Sta. 116+95.22 Ahead
128'-12" conduit, type C, 706.02
116'-12" conduit, type C, 706.02
Design Curve Data
P.I. Sta. 115+85.81
Δ = 10°54'30" Rt.
D = 5°
R = 1145.92'
L = 218.17'
T = 109.41'
E = 5.21'
BAY SHORE RD. C.R. 135
Rt. Edge Elev.
℄ Pav't. Elev.
Lt. Edge Elev.
℄ Exist. Pav't. Profile
128'-12" @ 0.68%
116'-12" @ 0.00%
575.99
575.78
575.05
574.68
18' Rt.
18.5' Rt.
585
580
575
570
565
560
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
Sta. 110+00 to Sta. 125+00

Bench Mark No. 19
Spike in power pole
Sta. 129+20 - 19' Right
Elevation ~~577.15~~
577.42

Bench Mark No. 20A
R.R. Spike in ~~telephone~~ power pole
Sta. ~~136+66 19' Left~~ 135+73 - 58' Right
Elevation ~~577.13~~
577.51

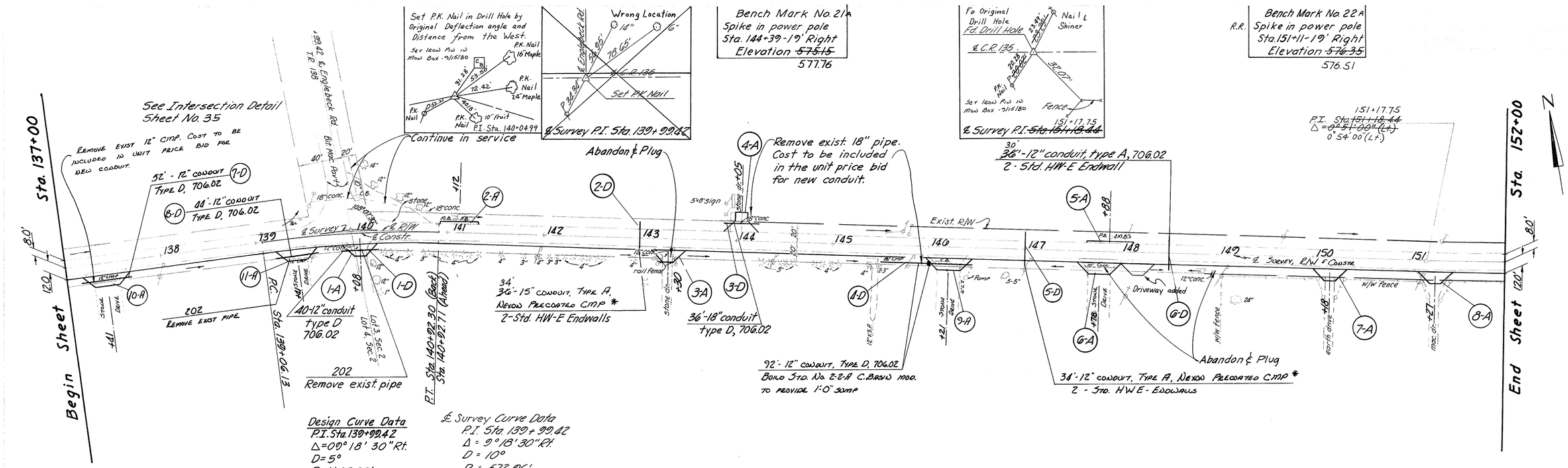


BAY SHORE RD. C.R. 135

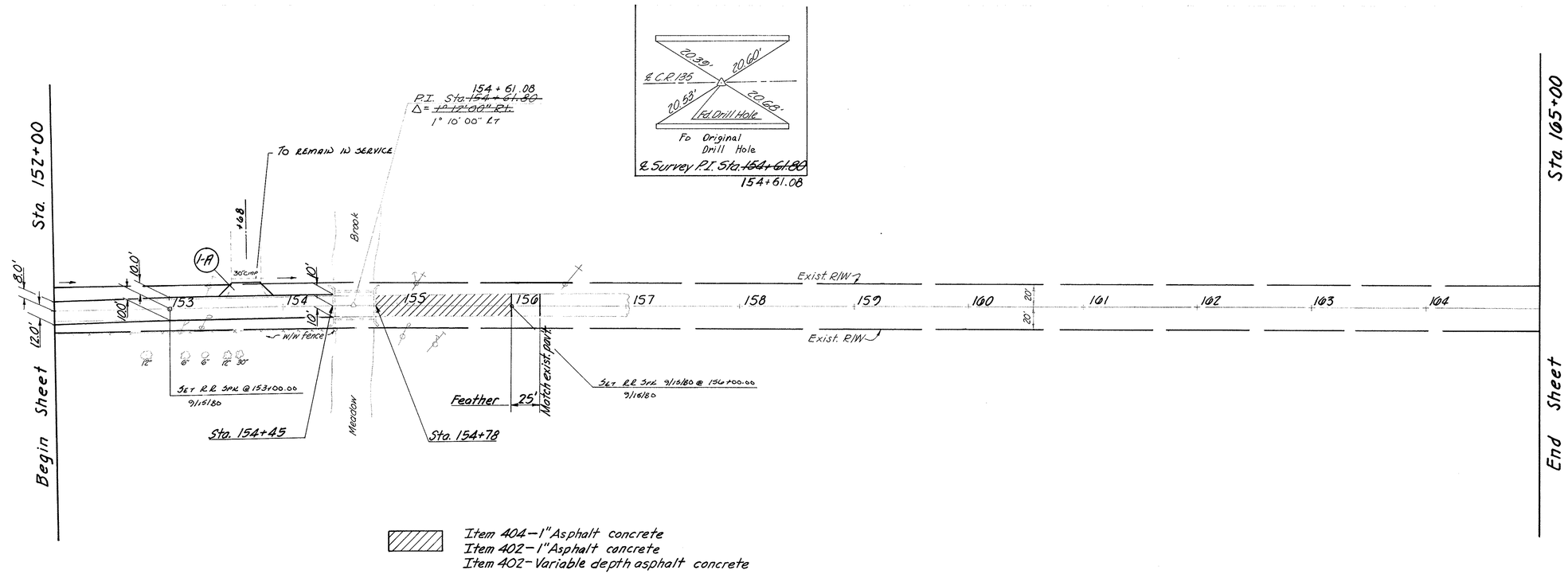


Sta. 125+00 to Sta. 137+00

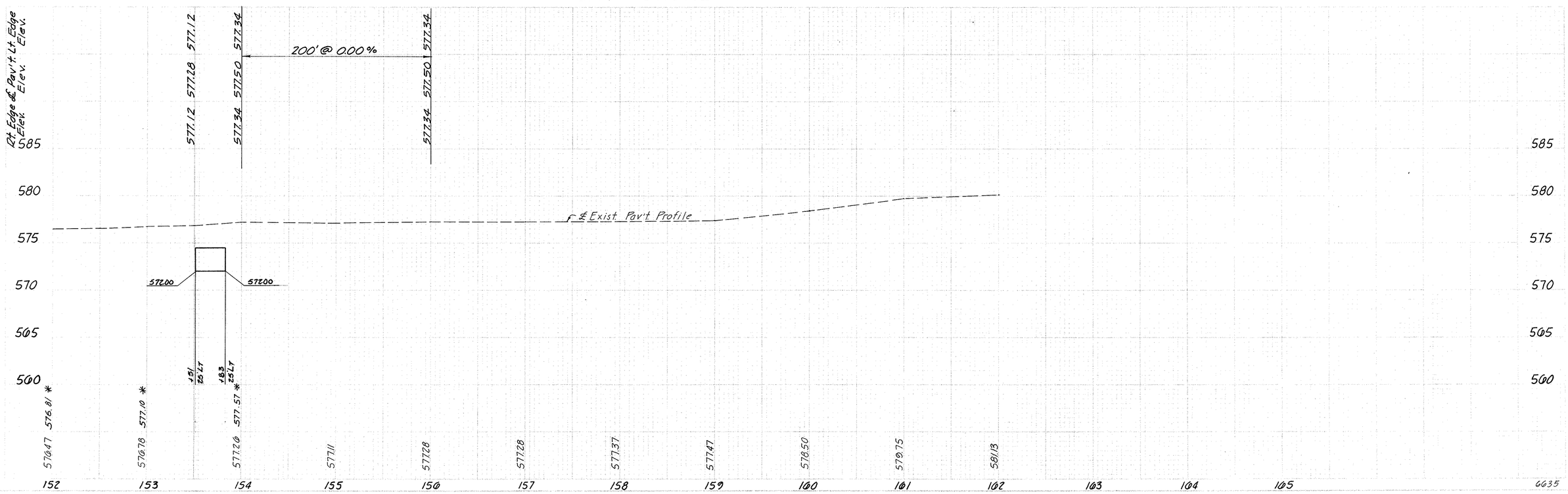
6635



Sta. 137+00 to Sta. 152+00



BAY SHORE RD. C.R. 135



Sta. 152+00 to Sta. 165+00

PLAN	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
GEOMETRICS PLOTTED		
GEOMETRICS CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
CONST. LIMITS PLOTTED		

DESIGN	BY	DATE
CONST. LIMITS CHECKED		
HYDR. LINES PLOTTED		
HYDR. LINES CHECKED		
FLOOD PROFILES PLOTTED		
FLOOD PROFILES CHECKED		
HYDR. DATA CHECKED		
INKED	J.W.N.	7-80

EXISTING	BY	DATE
DRAINAGE CHECKED		
DRAINAGE INKED		
UTILITIES PLOTTED		
UTILITIES CHECKED		
UTILITIES INKED		
B. M. & REF. POINTS		

PLAN	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
GEOMETRICS PLOTTED		
GEOMETRICS CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
STRUCTURES PLOTTED		
STRUCTURES CHECKED		
MASS DIAGRAM PLOTTED		

DESIGN	BY	DATE
MASS DIA. CHECKED		
MASS DIA. INKED		

PROFILE	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
DRAINAGE INKED		
UTILITIES PLOTTED		

PROFILE	BY	DATE
ALIGNMENT PLOTTED		
ALIGNMENT CHECKED		
DRAINAGE PLOTTED		
DRAINAGE CHECKED		
DRAINAGE INKED		
UTILITIES PLOTTED		