

MAINTENANCE OF TRAFFIC AND PHASING NOTES - PHASE I

- (A) CONSTRUCT MAINLINE (US60) EASTBOUND FROM STA 101+02.58 TO STA 259+00 AND WESTBOUND FROM STA 101+02.58 TO STA 266+00, WHILE TRAFFIC IS USING EXISTING US60 AND EXISTING ROADS IN CONJUNCTION WITH ITEMS B-5.
- (B) CONSTRUCT US60 WEST CONNECTOR. CLOSE TO TRAFFIC UNTILL ML IS OPEN TO TRAFFIC.
- (C) CLOSE AND BARRICADE GOLDEN MEADOW LANE RIGHT AND LEFT OF STA 118+00.
- (D) CONSTRUCT THE REQUIRED CUL-DE-SACS ON GOLDEN MEADOW LANE THROUGH FINAL SURFACE.
- (E) CONSTRUCT GOLDEN MEADOW LANE AND BALL PARK LOOP THROUGH THE FINAL SURFACE COURSE TO THE LIMITS OF ML SURFACING.
- (F) PROVIDE TEMPORARY SURFACE ACROSS ML UNTIL ML SURFACE IS COMPLETE.

ITEM E ABOVE WILL HAVE TO BE CONSTRUCTED UNDER TRAFFIC USING PART WIDTH CONSTRUCTION PRACTICES.

ITEMS B-F ABOVE MAY BE CONSTRUCTED CONCURRENTLY WITH ML CONSTRUCTION.

NORMAL CONSIDERATION WILL HAVE TO BE PROVIDED FOR PROPERTY OWNER ACCESS TO ALL PARCELS DURING ALL PHASES OF CONSTRUCTION.

PAVEMENT EDGE DROP-OFFS

Difference in Elevation for Travel Lanes

A pavement edge that traffic is expected to cross in a lane change situation should not have an elevation difference greater than one and one-half inches. This may be increased to two inches for low speed situations. Warning signs should be placed in advance and throughout the drop-off area.

Pavement Drop-Off

Pavement edges that traffic is not expected to cross, except accidentally, should be treated as follows:

- Less Than Two Inches - No protection required. Warning signs should be placed in advance and throughout the drop-off area.
- Two to Four Inches - Place plastic drums, vertical panels, or barricades every 100 feet on tangent sections for speeds of 50 miles per hour or greater. Cones may be used in place of plastic drums, panels and barricades during daylight hours. For tangent sections with speeds less than 50 miles per hour and for curves, devices should be placed every 50 feet. Spacing for tapers should be accordance with the Manual on Uniform Traffic Control Devices.
- Greater Than Four Inches - Positive separation or wedge with 3: or flatter slope needed. If there is eight feet or more distance between the edge of pavement and drop-off drums, panels or barricades may be used. If concrete barriers are used, special reflective devices or steady burn lights should be used for overnight installations.

For temporary conditions, drop-offs greater than four inches may be protected with plastic drums, vertical panels or barricades for short distances during daylight hours while work is being done in the drop-off area.

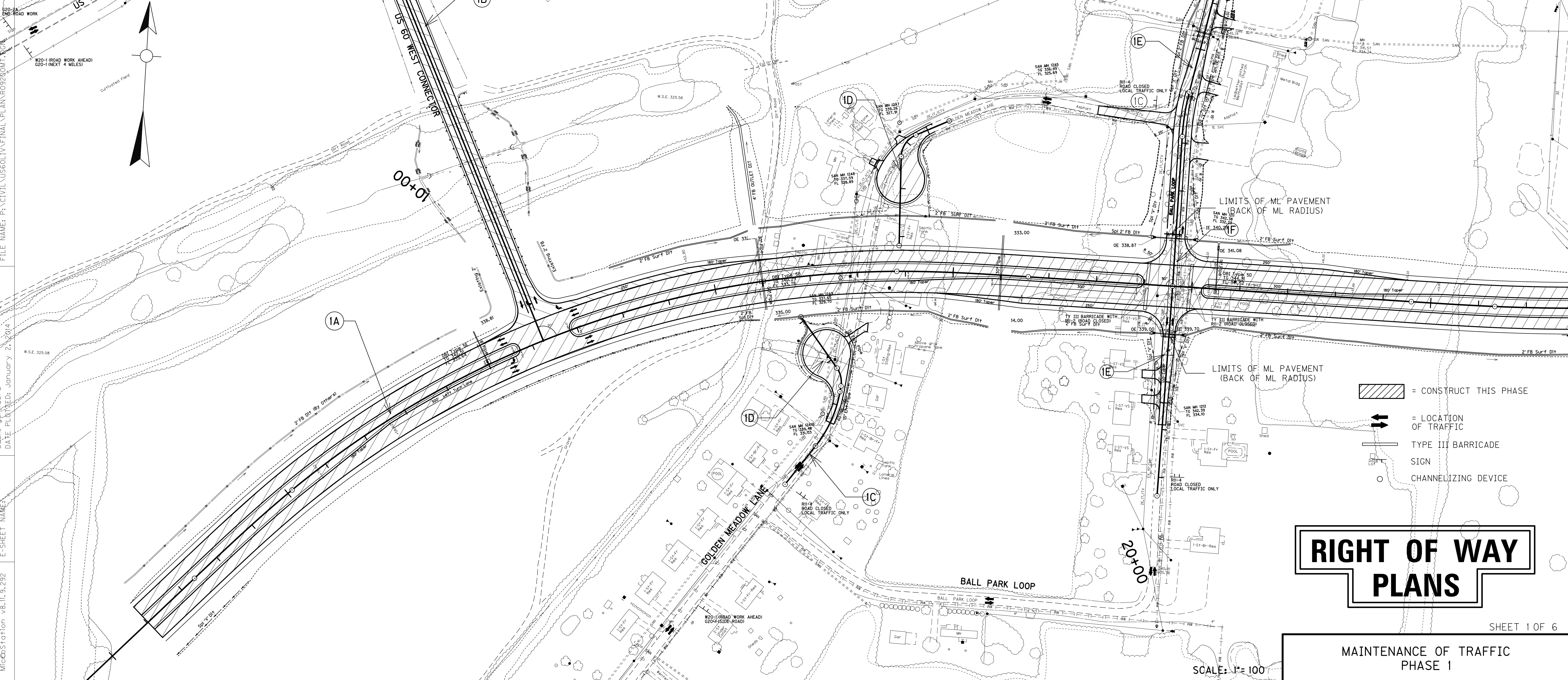
Lesser treatments than those described above may be considered for low-volume local streets. Payment will be allowed for the DGA material used for wedging.

= CONSTRUCT THIS PHASE

= LOCATION OF TRAFFIC

= TYPE III BARRICADE SIGN

= CHANNELIZING DEVICE



RIGHT OF WAY PLANS

MAINTENANCE OF TRAFFIC PHASE I

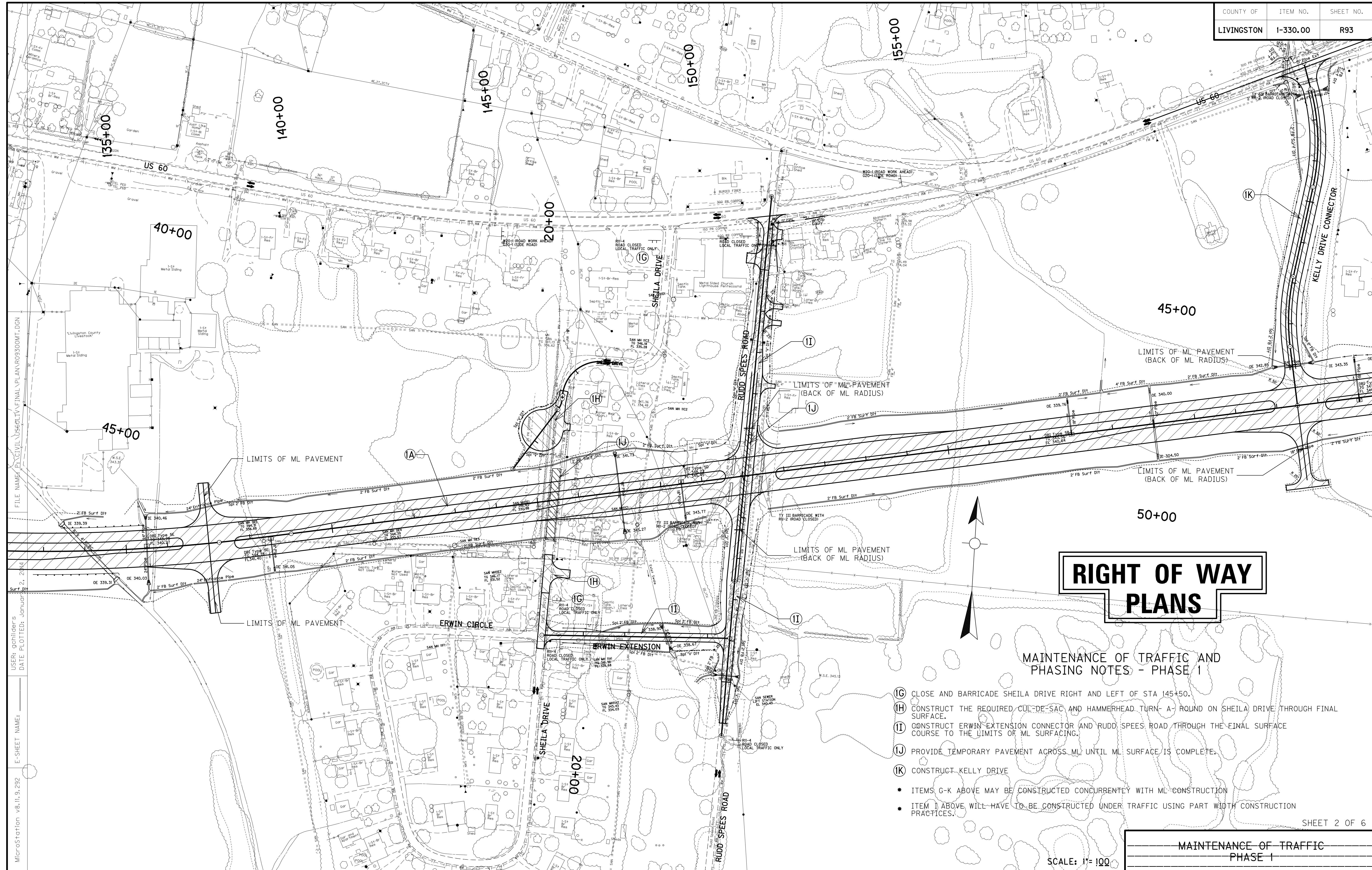
FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RO2300MT.301

USER: Ocneider's DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.9.292

SCALE: 1"= 100'

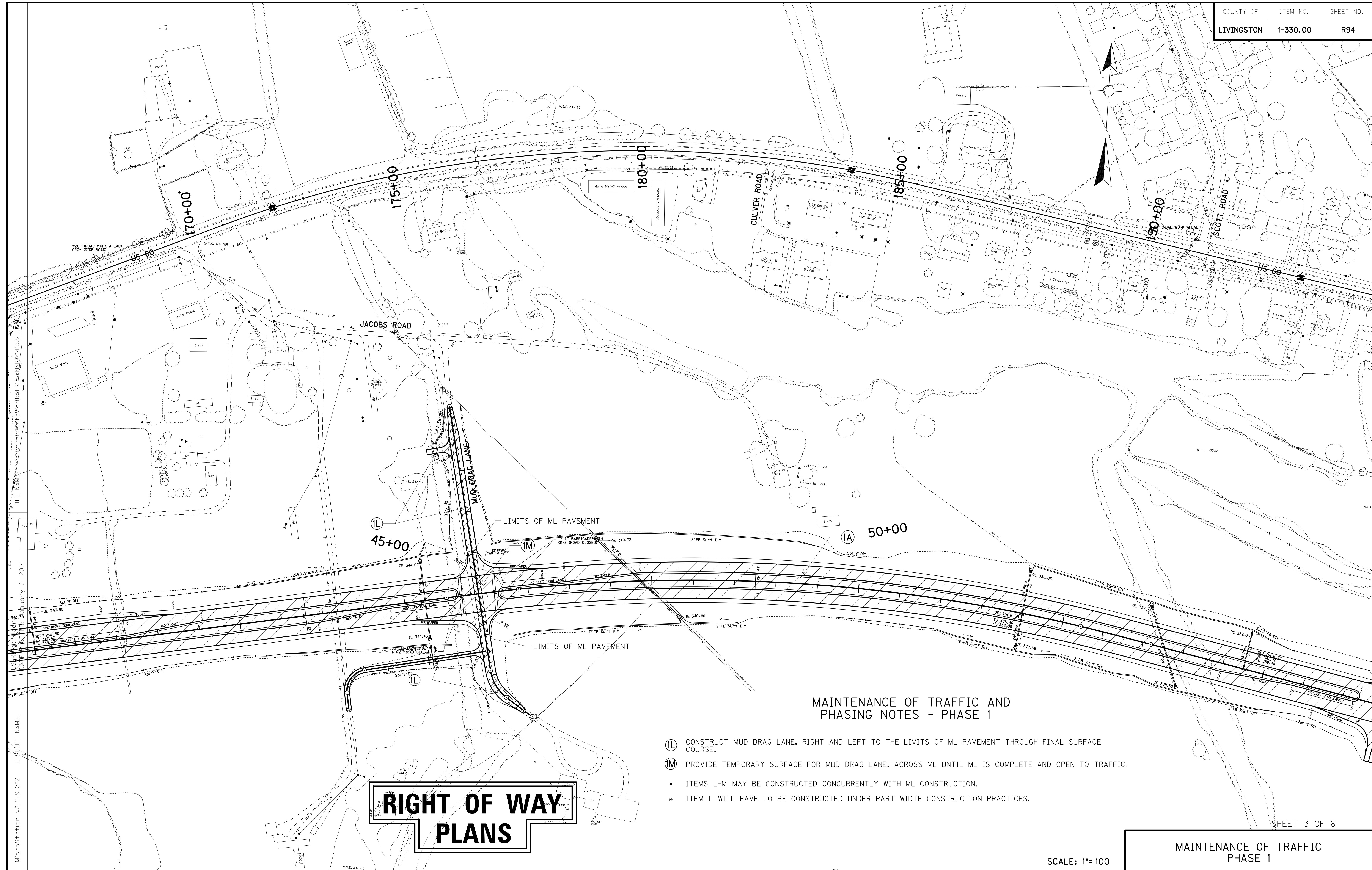


FILE NAME: P:\CIVIL\US60\TY\FINAL\PLAN\RO3300MT.DGN
 USER: qchiller's
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

RIGHT OF WAY PLANS

MAINTENANCE OF TRAFFIC AND PHASING NOTES - PHASE 1

- (G) CLOSE AND BARRICADE SHEILA DRIVE RIGHT AND LEFT OF STA 145+50.
 - (H) CONSTRUCT THE REQUIRED CUL-DE-SAC AND HAMMERHEAD TURN-A-ROUND ON SHEILA DRIVE THROUGH FINAL SURFACE.
 - (I) CONSTRUCT ERWIN EXTENSION CONNECTOR AND RUDD SPEEDS ROAD THROUGH THE FINAL SURFACE COURSE TO THE LIMITS OF ML SURFACING.
 - (J) PROVIDE TEMPORARY PAVEMENT ACROSS ML UNTIL ML SURFACE IS COMPLETE.
 - (K) CONSTRUCT KELLY DRIVE
- * ITEMS G-K ABOVE MAY BE CONSTRUCTED CONCURRENTLY WITH ML CONSTRUCTION
- * ITEM I ABOVE WILL HAVE TO BE CONSTRUCTED UNDER TRAFFIC USING PART WIDTH CONSTRUCTION PRACTICES.

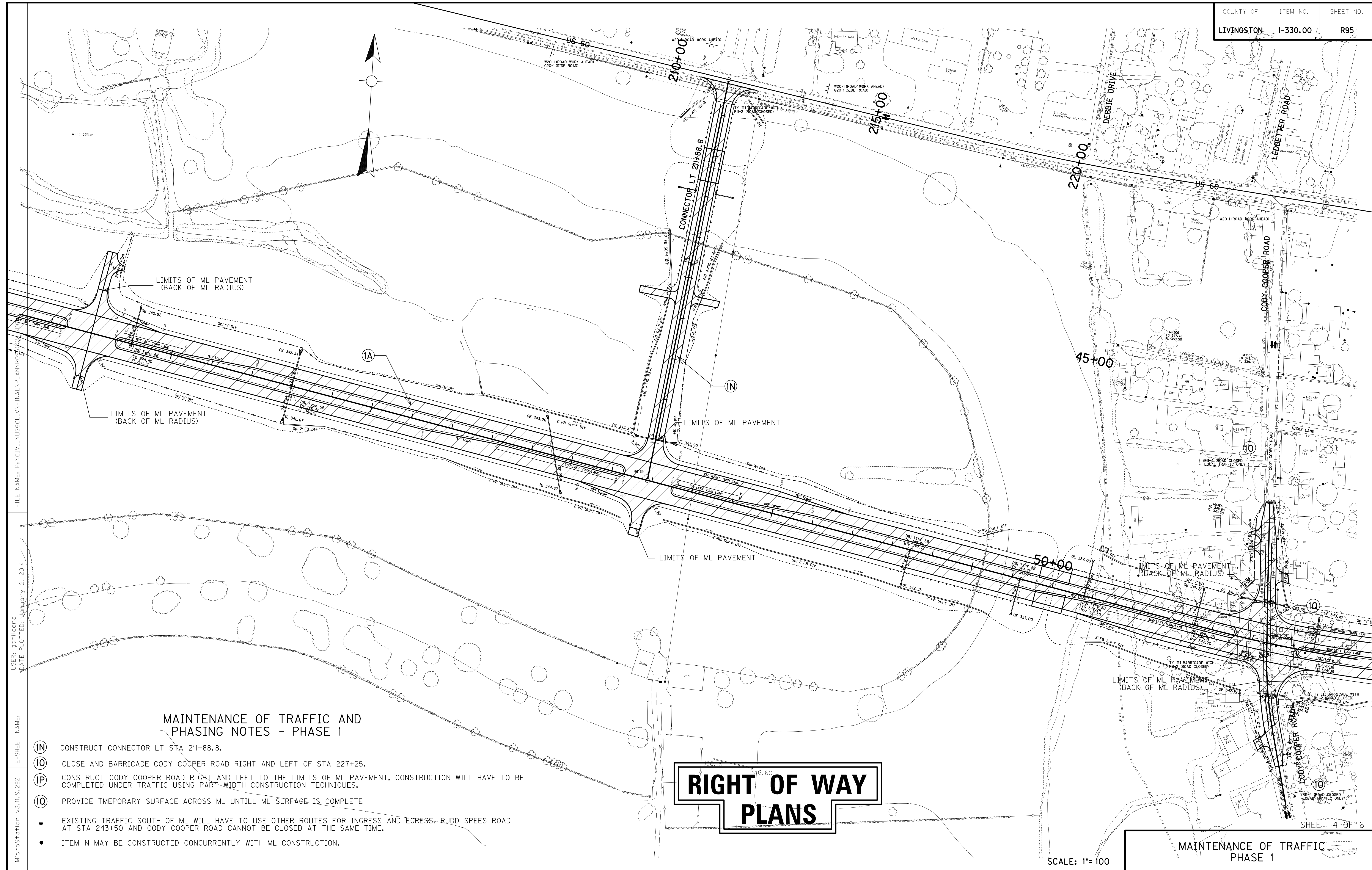


MAINTENANCE OF TRAFFIC AND PHASING NOTES - PHASE 1

- (IL) CONSTRUCT MUD DRAG LANE, RIGHT AND LEFT TO THE LIMITS OF ML PAVEMENT THROUGH FINAL SURFACE COURSE.
- (IM) PROVIDE TEMPORARY SURFACE FOR MUD DRAG LANE, ACROSS ML UNTIL ML IS COMPLETE AND OPEN TO TRAFFIC.
- * ITEMS L-M MAY BE CONSTRUCTED CONCURRENTLY WITH ML CONSTRUCTION.
- * ITEM L WILL HAVE TO BE CONSTRUCTED UNDER PART WIDTH CONSTRUCTION PRACTICES.

RIGHT OF WAY PLANS

FILE NAME: P:\REVISED\6017\FINAL\PLAN\309400MT_892
 DATE: 11/11/2014
 E-SHEET NAME:
 MicroStation v8.11.9.292



LIMITS OF ML PAVEMENT
(BACK OF ML RADIUS)

LIMITS OF ML PAVEMENT
(BACK OF ML RADIUS)

LIMITS OF ML PAVEMENT

LIMITS OF ML PAVEMENT
(BACK OF ML RADIUS)

LIMITS OF ML PAVEMENT
(BACK OF ML RADIUS)

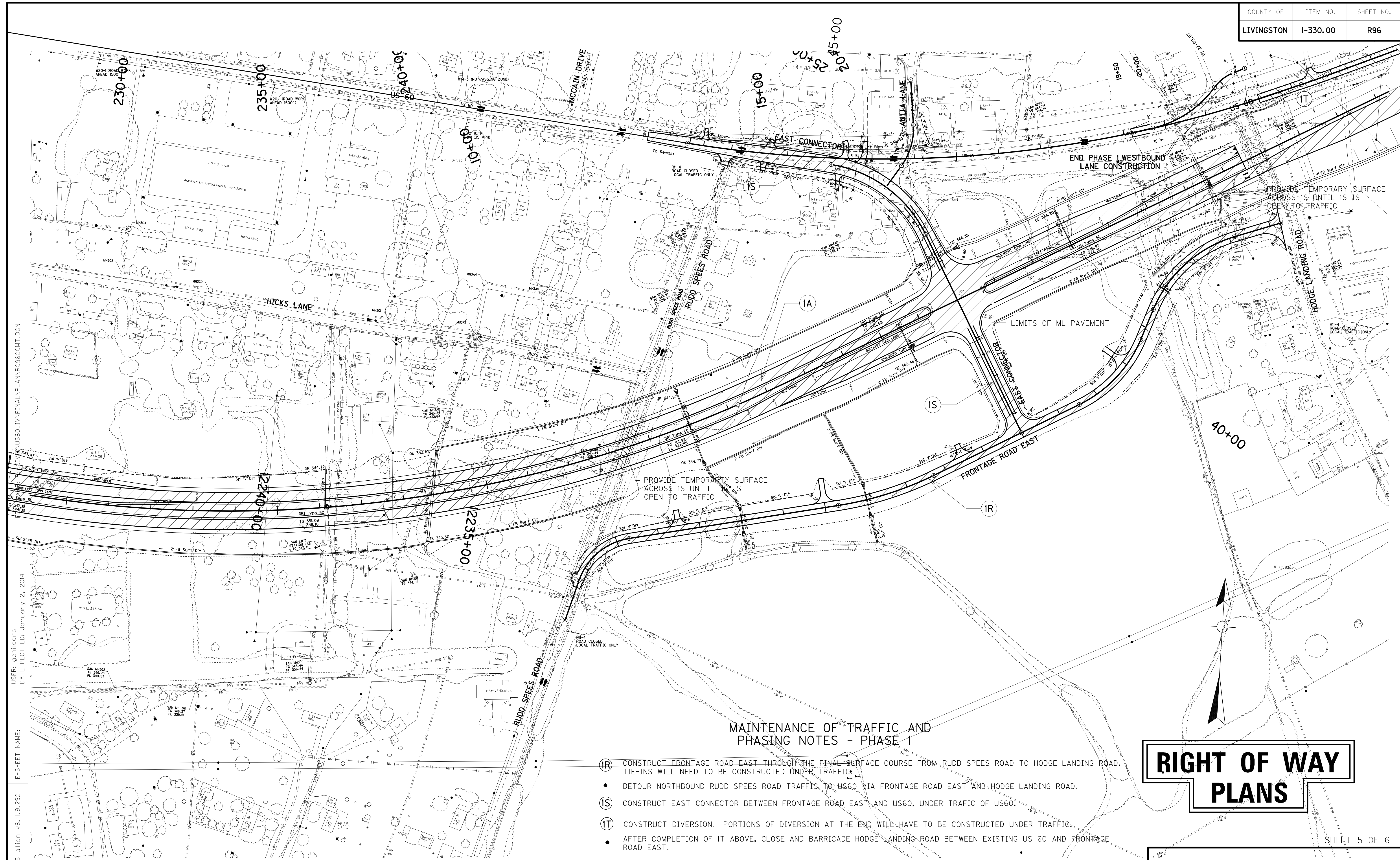
RIGHT OF WAY PLANS

MAINTENANCE OF TRAFFIC AND PHASING NOTES - PHASE 1

- (IN) CONSTRUCT CONNECTOR LT STA 211+88.8.
- (IO) CLOSE AND BARRICADE CODY COOPER ROAD RIGHT AND LEFT OF STA 227+25.
- (IP) CONSTRUCT CODY COOPER ROAD RIGHT AND LEFT TO THE LIMITS OF ML PAVEMENT, CONSTRUCTION WILL HAVE TO BE COMPLETED UNDER TRAFFIC USING PART WIDTH CONSTRUCTION TECHNIQUES.
- (IQ) PROVIDE TEMPORARY SURFACE ACROSS ML UNTILL ML SURFACE IS COMPLETE
- * EXISTING TRAFFIC SOUTH OF ML WILL HAVE TO USE OTHER ROUTES FOR INGRESS AND EGRESS. RUDD SPEEDS ROAD AT STA 243+50 AND CODY COOPER ROAD CANNOT BE CLOSED AT THE SAME TIME.
- * ITEM N MAY BE CONSTRUCTED CONCURRENTLY WITH ML CONSTRUCTION.

FILE NAME: P:\CIVIL\US60\1\FINAL\PLAN\ROAD\101.DWG
 USER: qchiller's
 DATE PLOTTED: November 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

SCALE: 1"= 100'

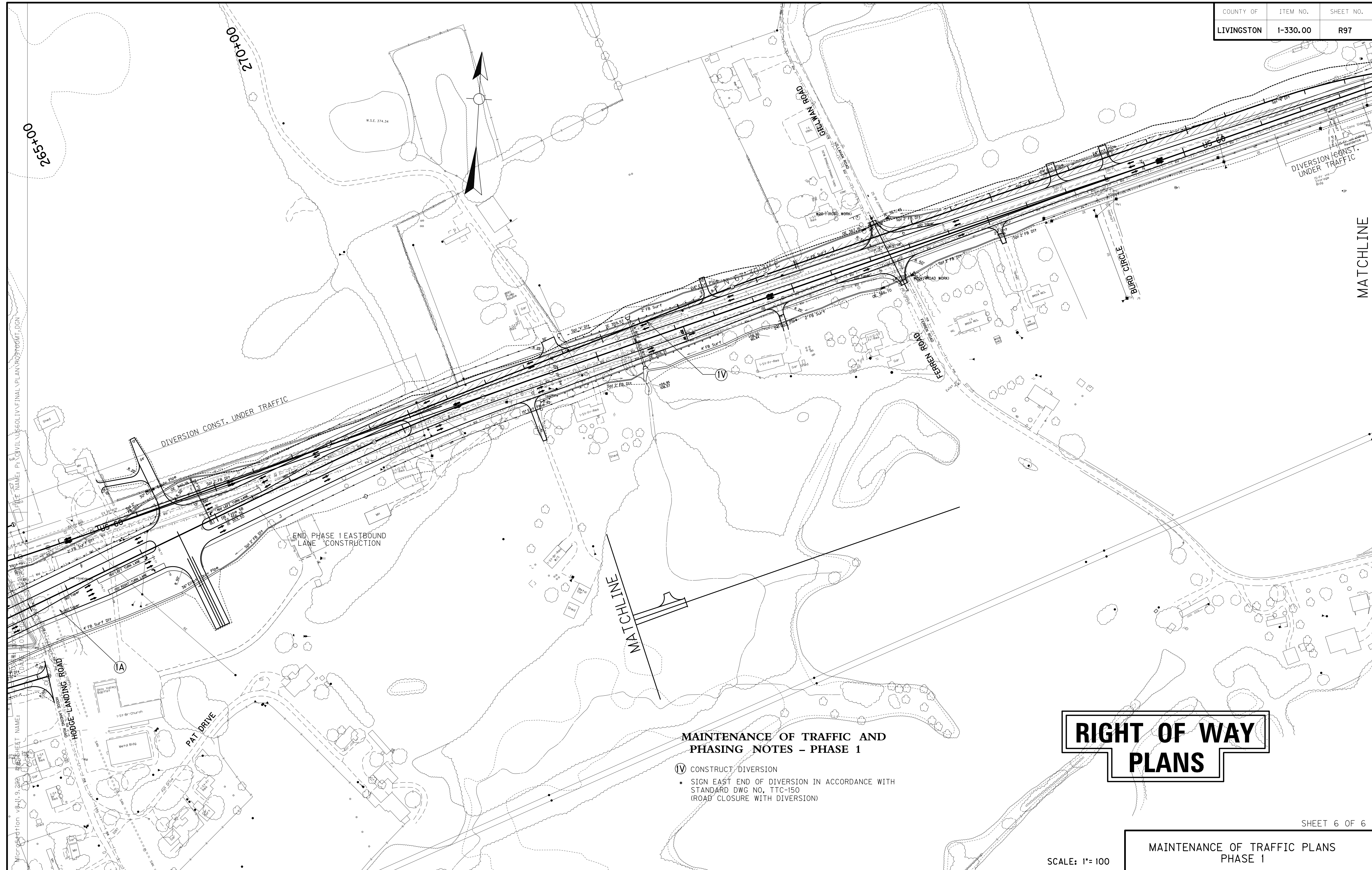


MicroStation v8.11.9.292
 E-SHEET NAME:
 USER: qchilder's
 DATE PLOTTED: January 2, 2014
 I:\US60LIV\FINAL\PLAN\RO9600MT.DGN

MAINTENANCE OF TRAFFIC AND PHASING NOTES - PHASE 1

- (IR) CONSTRUCT FRONTAGE ROAD EAST THROUGH THE FINAL SURFACE COURSE FROM RUDD SPEEDS ROAD TO HODGE LANDING ROAD. TIE-INS WILL NEED TO BE CONSTRUCTED UNDER TRAFFIC.
- * DETOUR NORTHBOUND RUDD SPEEDS ROAD TRAFFIC TO US60 VIA FRONTAGE ROAD EAST AND HODGE LANDING ROAD.
- (IS) CONSTRUCT EAST CONNECTOR BETWEEN FRONTAGE ROAD EAST AND US60, UNDER TRAFFIC OF US60.
- (IT) CONSTRUCT DIVERSION. PORTIONS OF DIVERSION AT THE END WILL HAVE TO BE CONSTRUCTED UNDER TRAFFIC.
- * AFTER COMPLETION OF IT ABOVE, CLOSE AND BARRICADE HODGE LANDING ROAD BETWEEN EXISTING US 60 AND FRONTAGE ROAD EAST.

RIGHT OF WAY PLANS



FILE NAME: P:\CIVIL\16601\16601\FINAL\PLAN\16601\16601.DWG
 SHEET NAME: I-330 PHASE I MAINTENANCE OF TRAFFIC AND PHASING - PHASE 1
 DATE: 11/19/2024
 DRAWN BY: J. [unreadable]
 CHECKED BY: [unreadable]
 PROJECT: I-330 PHASE I MAINTENANCE OF TRAFFIC AND PHASING - PHASE 1

MAINTENANCE OF TRAFFIC AND PHASING NOTES - PHASE 1

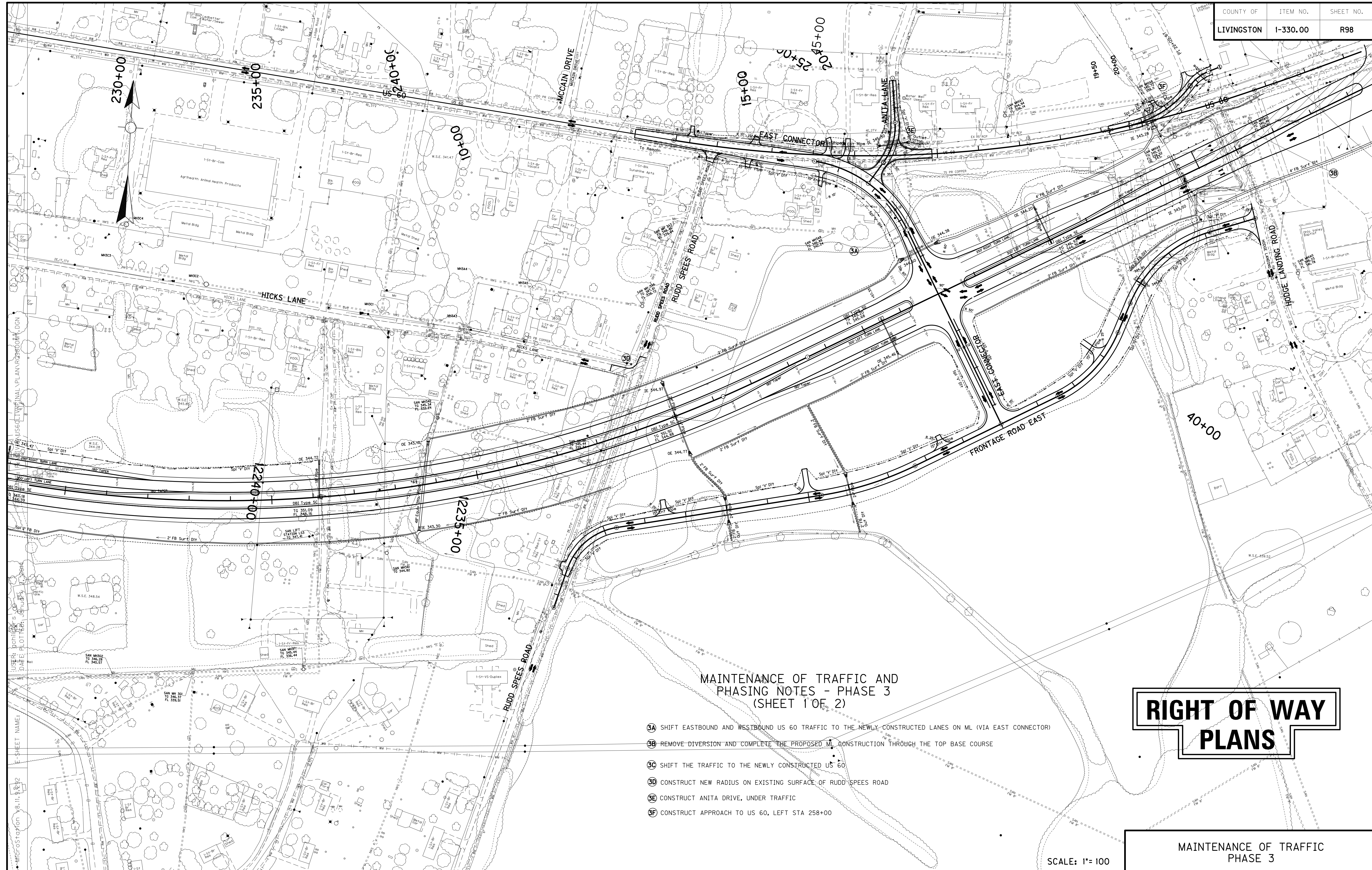
- IV CONSTRUCT DIVERSION
- * SIGN EAST END OF DIVERSION IN ACCORDANCE WITH STANDARD DWG NO. TTC-150 (ROAD CLOSURE WITH DIVERSION)

RIGHT OF WAY PLANS

MAINTENANCE OF TRAFFIC PLANS
PHASE 1

SCALE: 1"= 100'

MATCHLINE



MAINTENANCE OF TRAFFIC AND PHASING NOTES - PHASE 3 (SHEET 1 OF 2)

- Ⓐ SHIFT EASTBOUND AND WESTBOUND US 60 TRAFFIC TO THE NEWLY CONSTRUCTED LANES ON ML (VIA EAST CONNECTOR)
- Ⓑ REMOVE DIVERSION AND COMPLETE THE PROPOSED ML CONSTRUCTION THROUGH THE TOP BASE COURSE
- Ⓒ SHIFT THE TRAFFIC TO THE NEWLY CONSTRUCTED US 60
- Ⓓ CONSTRUCT NEW RADIUS ON EXISTING SURFACE OF RUDD SPEEDS ROAD
- Ⓔ CONSTRUCT ANITA DRIVE, UNDER TRAFFIC
- Ⓕ CONSTRUCT APPROACH TO US 60, LEFT STA 258+00

RIGHT OF WAY PLANS

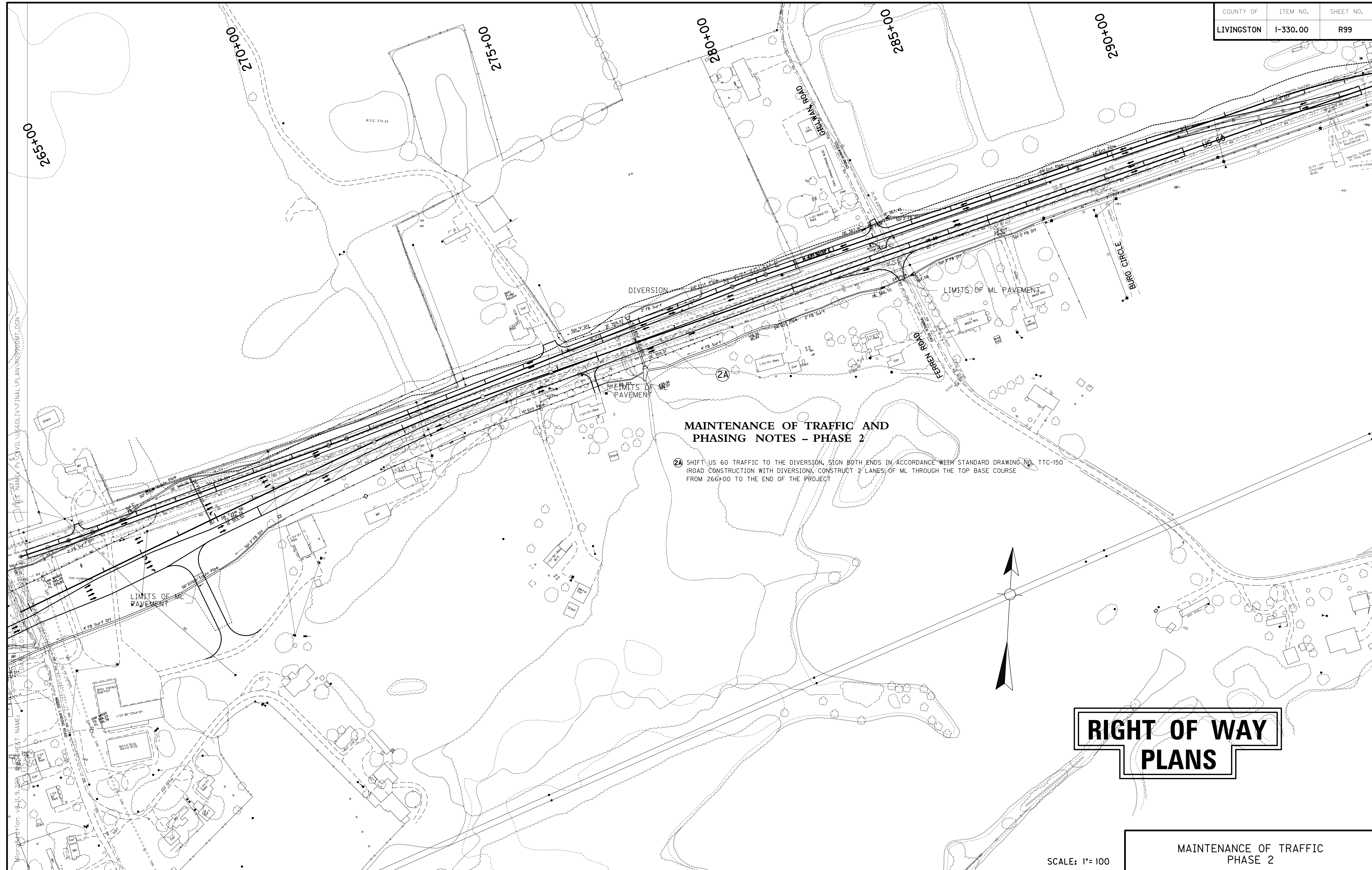
MAINTENANCE OF TRAFFIC PHASE 3

SCALE: 1" = 100'

E-SHEET NAME: MICROSTATION 8.11.08.02

USER: SCHILLER, DAVE; PLOTTER: HPGL

US60 ML FINAL PLAN (R9800M) .DON



MAINTENANCE OF TRAFFIC AND PHASING NOTES - PHASE 2

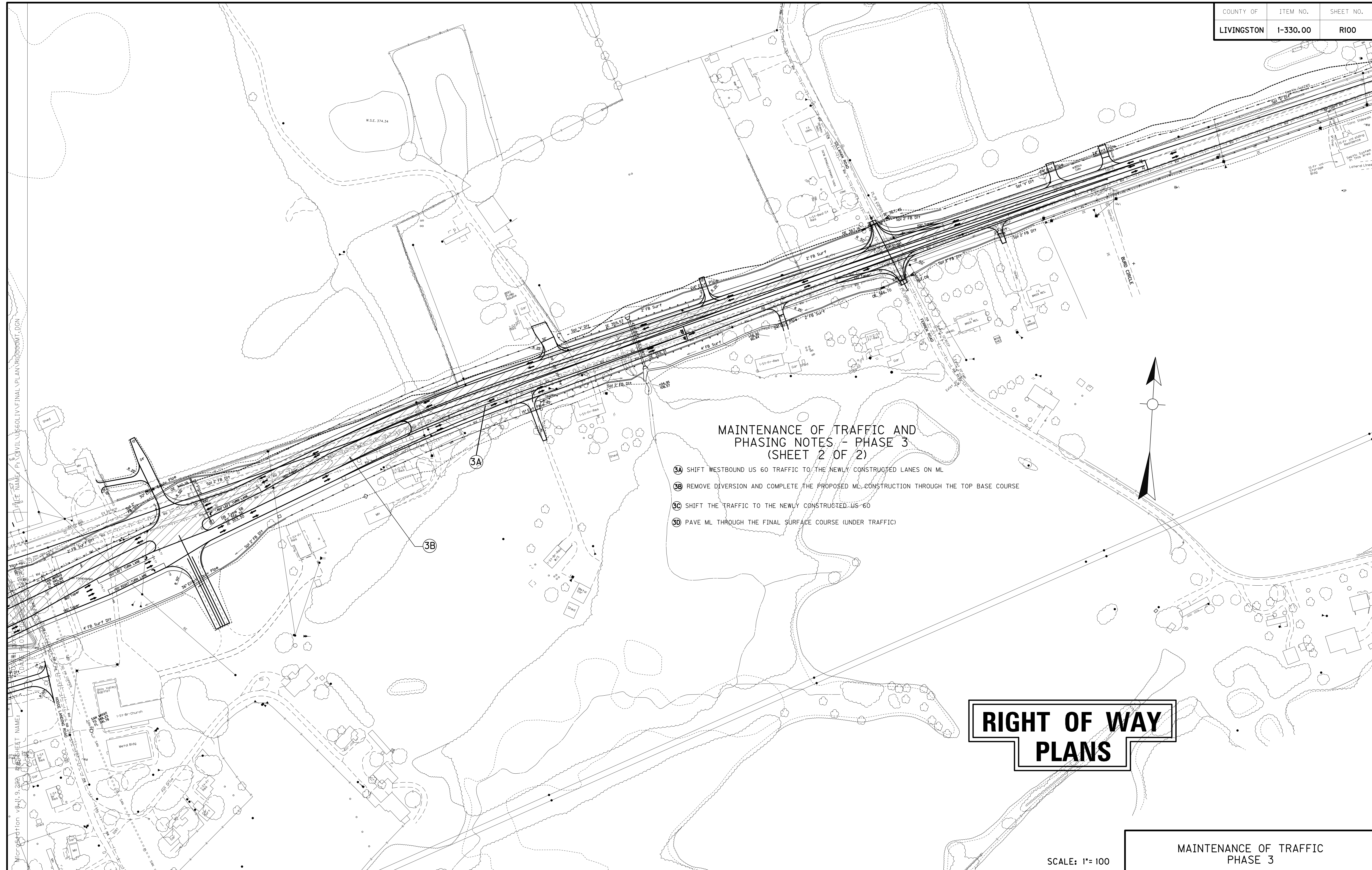
- 2A SHIFT US 60 TRAFFIC TO THE DIVERSION, SIGN BOTH ENDS IN ACCORDANCE WITH STANDARD DRAWING NO. TTC-150 (ROAD CONSTRUCTION WITH DIVERSION). CONSTRUCT 2 LANES OF ML THROUGH THE TOP BASE COURSE FROM 266+00 TO THE END OF THE PROJECT

RIGHT OF WAY PLANS

SCALE: 1"= 100

MAINTENANCE OF TRAFFIC PHASE 2

PROJECT NAME: P. CIVIL US60LIV.FINAL.VPLAN.R99.DWG
 SHEET NO. 26
 DATE: 11/19/2024
 MICROSTATION: 11.9.2024



MAINTENANCE OF TRAFFIC AND PHASING NOTES - PHASE 3 (SHEET 2 OF 2)

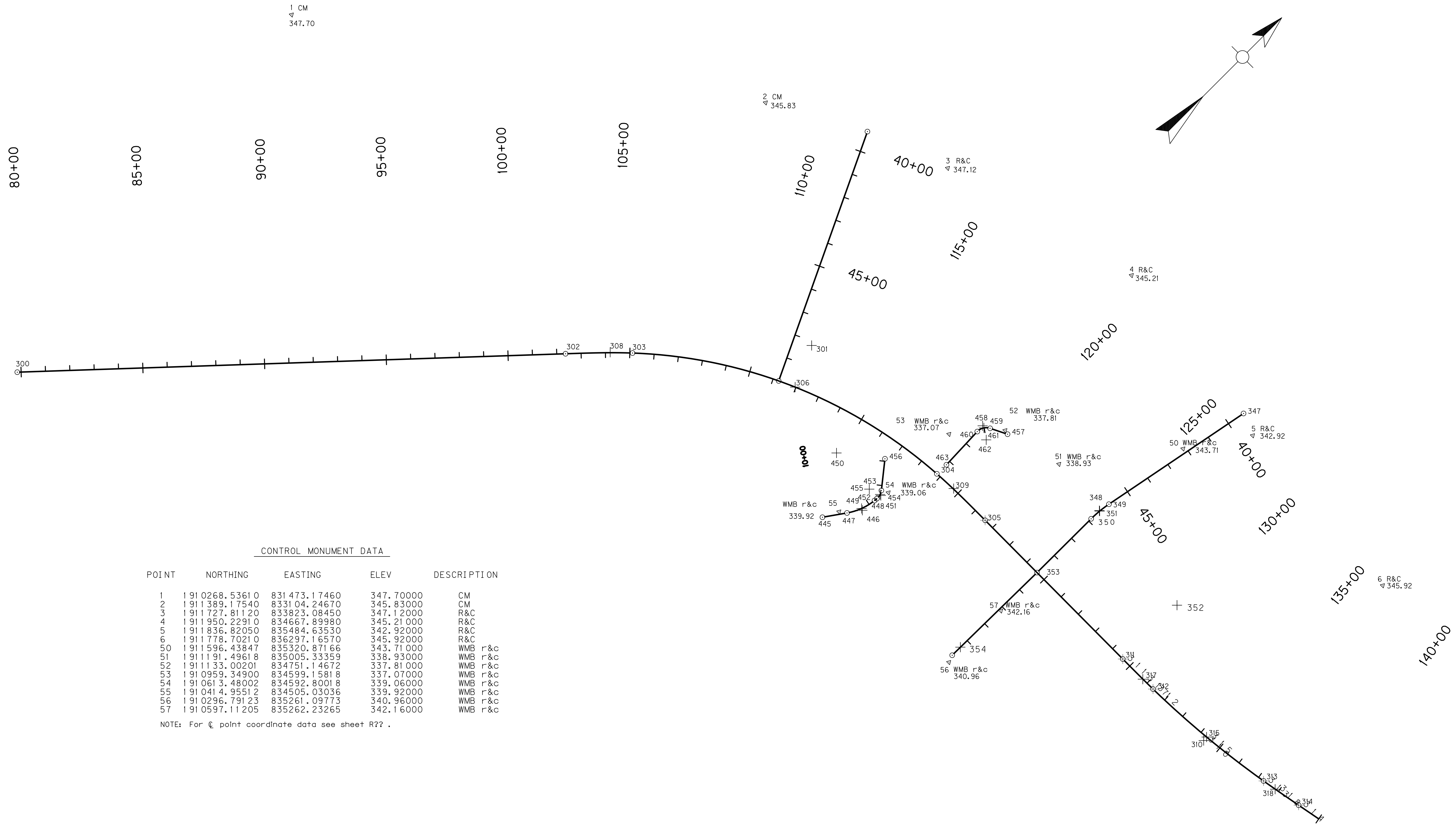
- 3A SHIFT WESTBOUND US 60 TRAFFIC TO THE NEWLY CONSTRUCTED LANES ON ML
- 3B REMOVE DIVERSION AND COMPLETE THE PROPOSED ML CONSTRUCTION THROUGH THE TOP BASE COURSE
- 3C SHIFT THE TRAFFIC TO THE NEWLY CONSTRUCTED US 60
- 3D PAVE ML THROUGH THE FINAL SURFACE COURSE (UNDER TRAFFIC)

**RIGHT OF WAY
PLANS**

SCALE: 1"= 100

MAINTENANCE OF TRAFFIC
PHASE 3

FILE NAME: P:\CIVIL\US60\IV\FINAL\PLAN\RI0000MT.DGN
 MicroStation v8-11-9-2004 SHEET NAME:



CONTROL MONUMENT DATA

POINT	NORTHING	EASTING	ELEV	DESCRIPTION
1	91 0268.5361 0	831 473.1746 0	347.70000	CM
2	91 1389.1754 0	8331 04.2467 0	345.83000	CM
3	91 1727.811 20	833823.0845 0	347.12000	R&C
4	91 1950.2291 0	834667.8998 0	345.21000	R&C
5	91 1836.8205 0	835484.6353 0	342.92000	R&C
6	91 1778.7021 0	836297.1657 0	345.92000	R&C
50	91 1596.4384 7	835320.871 66	343.71 000	WMB r&c
51	91 1191.4961 8	835005.3335 9	338.93000	WMB r&c
52	91 1133.0020 1	834751.1467 2	337.81 000	WMB r&c
53	91 0959.3490 0	834599.1581 8	337.07000	WMB r&c
54	91 0613.4800 2	834592.8001 8	339.06000	WMB r&c
55	91 0414.9551 2	834505.0303 6	339.92000	WMB r&c
56	91 0296.791 23	835261.0977 3	340.96000	WMB r&c
57	91 0597.112 05	835262.2326 5	342.16000	WMB r&c

NOTE: For \odot point coordinate data see sheet R?? .

RIGHT OF WAY PLANS

SCALE: 1" =

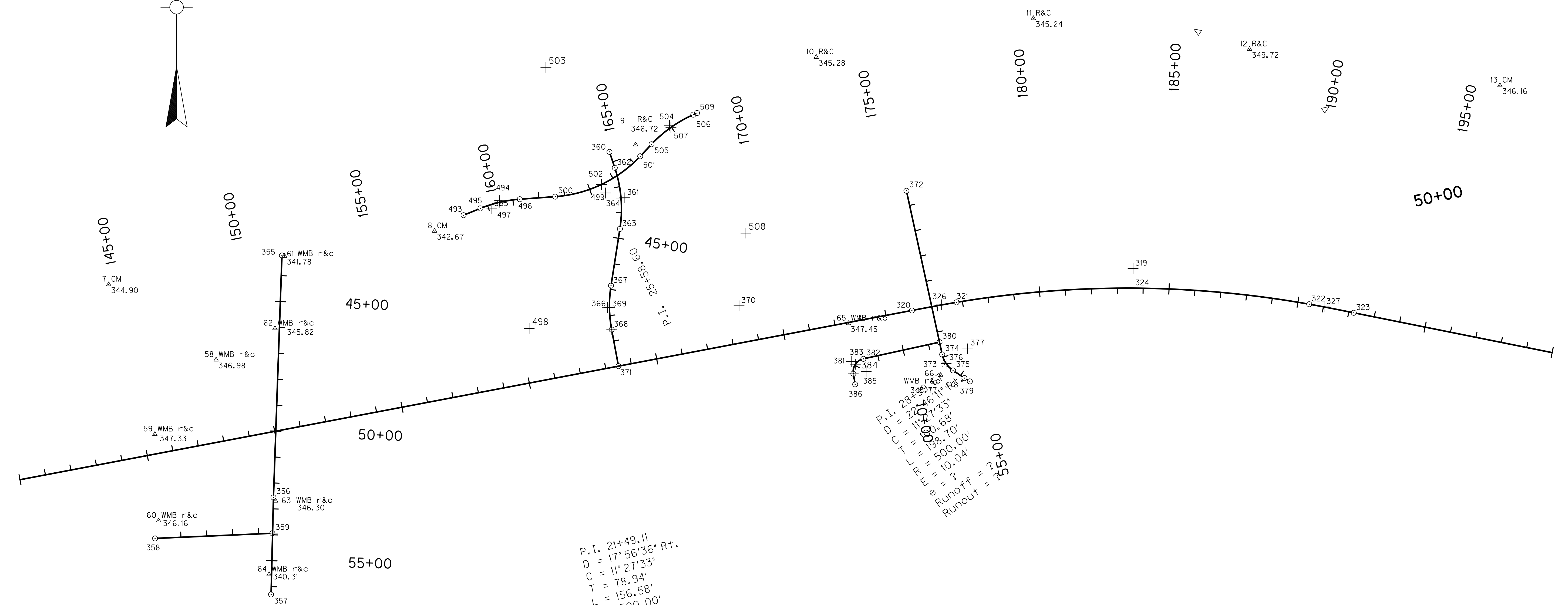
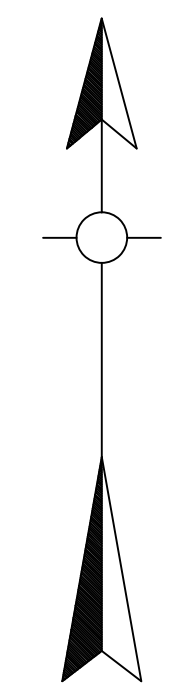
SCALE: 1" = 200'
REFERENCE DATA
STA. 80+00 TO STA. 140+00

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI0100CC.DGN

USER: qchiller's
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.9.292



P.I. 21+49.11
D = 17° 56' 36" Rt.
C = 11° 27' 33"
T = 78.94'
L = 156.58'
R = 500.00'
E = 6.19'
e = POINT = ?
Runoff = ?
Runoff = ?

CONTROL MONUMENT DATA

POINT	NORTHING	EASTING	ELEV	DESCRIPTION
1	1911668.27670	837131.61930	344.90000	CM
2	1911874.54570	838388.45050	342.67000	CM
3	1912207.69210	839164.21870	346.72000	R&C
4	1912545.39680	839860.83730	345.28000	R&C
5	1912694.55350	840698.40910	345.24000	R&C
6	1912575.92760	841532.45570	349.72000	R&C
7	1912436.16840	842498.32000	346.16000	CM
8	1911377.88295	837545.72336	346.98000	WMB r&c
9	1911090.68511	837309.70973	347.33000	WMB r&c
10	1910757.26416	837324.29019	346.18000	WMB r&c
11	1911778.25627	837809.60230	341.78000	WMB r&c
12	1911498.87242	837772.92901	345.82000	WMB r&c
13	1910833.70412	837775.09777	346.30000	WMB r&c
14	1910550.03033	837750.25944	340.31000	WMB r&c
15	1911518.28064	839984.97604	347.45000	WMB r&c
16	1911318.15489	840341.08950	345.77000	WMB r&c

NOTE: For @ point coordinate data see sheet R?? .

RIGHT OF WAY PLANS

SCALE: 1" = 200'

REFERENCE DATA
STA 140+00 TO STA. 200+00

SCALE: 1" =

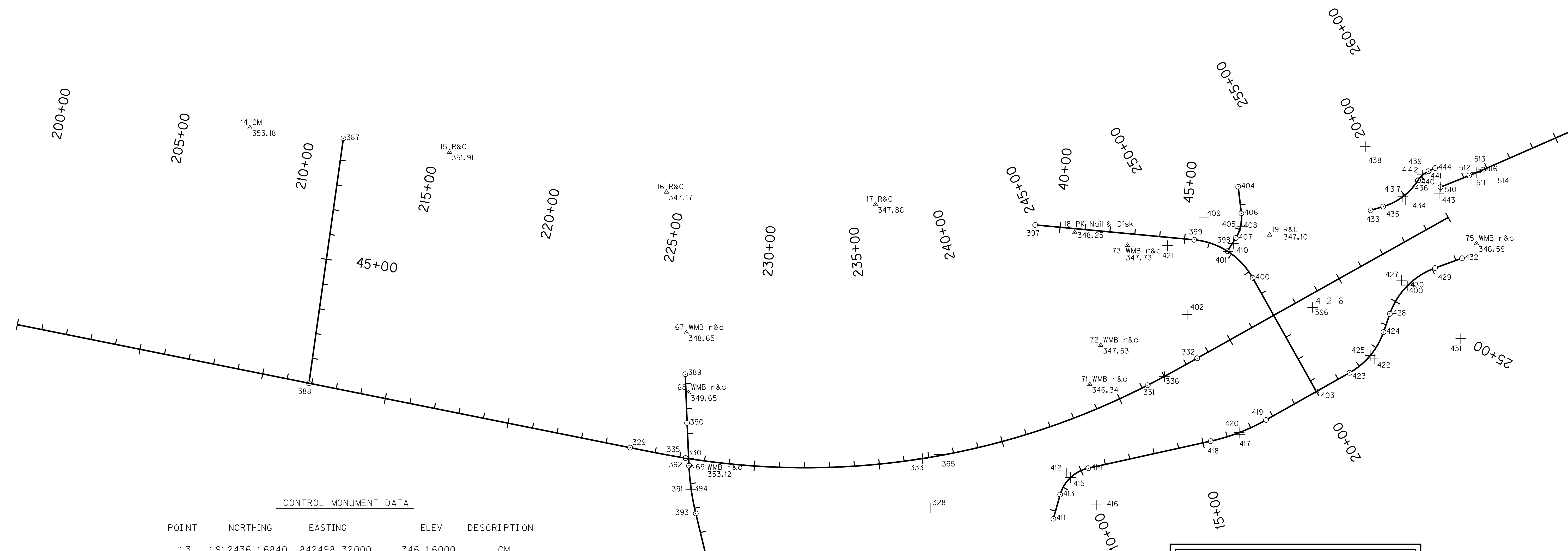
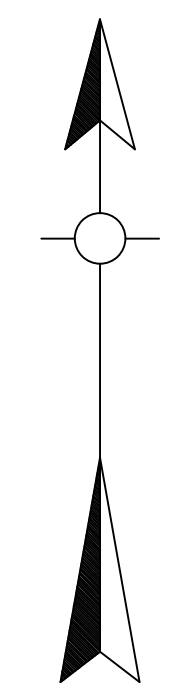
FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI0200CC.DGN

USER: qchillers
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.9.292

+ 5 1 5



CONTROL MONUMENT DATA

POINT	NORTHING	EASTING	ELEV	DESCRIPTION
13	191 2436.16840	842498.32000	346.16000	CM
14	191 2192.64320	843629.03090	353.18000	CM
15	191 2094.99350	844426.89840	351.91000	R&C
16	191 1935.66830	845294.27190	347.17000	R&C
17	191 1885.86840	846129.80160	347.86000	R&C
18	191 1774.10290	846925.72190	348.25000	PK Nail & Disk
19	191 1764.07930	847704.54930	347.10000	R&C
66	191 1318.15489	840341.08950	345.77000	WMB r&c
67	191 1373.57312	845373.28713	346.65000	WMB r&c
68	191 1134.20377	845382.37509	349.65000	WMB r&c
69	191 0837.82220	845394.99081	353.12000	WMB r&c
70	191 0442.31334	845475.47221	348.57000	WMB r&c
71	191 1167.06329	846985.93051	348.34000	WMB r&c
72	191 1323.29348	847029.73616	347.53000	WMB r&c
73	191 1722.37076	847136.76031	347.73000	WMB r&c
75	191 1729.87462	848530.89224	346.59000	WMB r&c

NOTE: For @ point coordinate data see sheet R?? .

**RIGHT OF WAY
PLANS**

SCALE: 1" = 200'

REFERENCE DATA
STA. 200+00 TO STA. 260+00

SCALE: 1" =

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI0300CC.DGN

USER: qchillers
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.9.292



RIGHT OF WAY PLANS

CONTROL MONUMENT DATA

POINT	NORTHING	EASTING	ELEV	DESCRIPTION
20	1911986.30620	848508.11410	347.05000	CM
21	1912321.77480	849308.14480	369.14000	CM
22	1912736.10590	850221.93600	370.26000	R&C
23	1913039.98160	850914.12930	376.80000	R&C
24	1913342.77420	851775.63450	388.67000	CM
25	1914148.30520	853700.72370	419.19700	CM
75	1911729.87462	848530.89224	346.59000	WMB r&c

NOTE: For \odot point coordinate data see sheet R?? .

SCALE: 1" = 200'

REFERENCE DATA
STA. 260+00 TO STA. 295+00

SCALE: 1" =

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI04\00CC.DGN

USER: gchilider's
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.9.292

US 60
Centerline No. 1 -- P.I.s defined by Coordinates

P.O.T.	79+84.2500	N 43°04'28.55" E	831714.6158	1908434.5043	300
P.I.	112+47.0582		833942.9506	1910817.8719	301
T.S.	102+36.1529	N 43°04'28.55" E	833252.5529	1910079.4409	302
S.C.	105+11.1529	N 47°00'49.26" E	833444.8773	1910275.9213	303
C.S.	118+81.9985	N 86°17'07.85" E	834678.9555	1910808.6868	304
S.T.	121+56.9985	S 89°46'31.44" E	834953.8481	1910813.9092	305
M.O.C.	111+96.5757		834015.8181	1910649.0844	306
Rad Pt			834808.5246	1908812.8882	307
Spiral PI In			833377.7914	1910213.3926	308
Spiral PI Out			834770.4708	1910814.6280	309

Spiral PI In	845296.0689	1910884.6128	335
Spiral PI Out	847284.2007	1911198.1226	336
P.I.	=	237+21.0043	
Delta	=	40°37'10.72" Left	
C	=	1°54'35.49"	
Ts	=	1223.0734	
Ls	=	225.0000	
Lc	=	1901.8397	
Theta	=	2°08'54.93"	
L.T.	=	150.0111	
S.T.	=	75.0100	
R	=	3000.0000	
Es	=	199.6256	
x	=	224.9684	
y	=	2.8122	
k	=	112.4947	
p	=	.7031	

P.I.	=	112+47.0582
Delta	=	47°09'00.01" Right
C	=	2°51'53.24"
Ts	=	1010.9053
Ls	=	275.0000
Lc	=	1370.8456
Theta	=	3°56'20.71"
L.T.	=	183.3787
S.T.	=	91.7080
R	=	2000.0000
Es	=	183.8448
x	=	274.8700
y	=	6.3000
k	=	137.4783
p	=	1.5753

P.I.	270+64.9811		849347.4225	1912354.5779	337
T.S.	267+47.5310	N 60°43'44.25" E	849070.5055	1912199.3634	338
S.C.	269+22.5310	N 61°58'56.29" E	849223.7775	1912283.8110	339
C.S.	272+06.8919	N 66°03'19.70" E	849479.3466	1912408.3561	340
S.T.	273+81.8919	N 67°18'31.74" E	849640.3012	1912477.0388	341
M.O.C.	270+64.7114		849350.4552	1912348.3548	342
Rad Pt			851102.7545	1908752.6008	343
Spiral PI In			849172.2783	1912256.4080	344
Spiral PI Out			849532.6621	1912432.0319	345

Rudd Spees Road
Centerline No. 3 -- P.I.s defined by Coordinates

P.O.T.	43+21.9900	S 2°00'35.20" W	837799.8059	1911780.2732	355
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P.I.	52+55.7579	S 1°24'12.38" W	837767.0586	1910847.0797	356
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P.I.	=	52+55.7579
Delta	=	0°36'22.83" Left

P.O.T.	56+29.8163	S 1°24'12.38" W	837757.8971	1910473.1335	357
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P.I.	134+30.8684		836227.7082	1910808.9156	310
T.S.	129+59.3155	S 89°46'31.44" E	835756.1589	1910810.7641	311
S.C.	131+34.3155	N 88°58'16.52" E	835931.1542	1910811.3541	312
C.S.	137+25.0160	N 80°30'36.33" E	836518.8336	1910865.4507	313
S.T.	139+00.0160	N 79°15'24.29" E	836690.9959	1910896.8170	314
M.O.C.	134+29.6658		836225.9929	1910827.5493	315
Rad Pt			835859.3381	1914810.7094	316
Spiral PI In			835872.8276	1910810.3067	317
Spiral PI Out			836576.3712	1910875.0688	318

P.I.	=	270+64.9811
Delta	=	6°34'47.50" Right
C	=	1°25'56.62"
Ts	=	317.4501
Ls	=	175.0000
Lc	=	284.3609
Theta	=	1°15'12.04"
L.T.	=	116.6696
S.T.	=	58.3360
R	=	4000.0000
Es	=	6.9227
x	=	174.9916
y	=	1.2760
k	=	87.4986
p	=	.3190

P.O.T.	303+20.3834	N 67°18'31.74" E	852351.3457	1913610.6031	346
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Golden Meadow Lane
Centerline No. 2 -- P.I.s defined by Coordinates

P.O.T.	39+25.4416	S 11°00'53.16" W	835393.8810	1911874.1288	347
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P.I.	46+39.3251		835257.4850	1911173.3964	348
P.C.	45+91.9098	S 11°00'53.16" W	835266.5443	1911219.9383	349
P.T.	46+86.4578	S 0°10'49.31" W	835257.3357	1911125.9813	350
M.O.C.	46+39.1838		835259.7175	1911173.1776	351
Rad Pt			835757.3332	1911124.4073	352

P.I.	=	46+39.3251
Delta	=	10°50'03.85" Left
C	=	11°27'32.96"
T	=	47.4154
L	=	94.5480
R	=	500.0000
E	=	2.2432

P.I.	49+99.7172	S 0°47'04.83" W	835256.3496	1910812.7234	353
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P.I.	=	49+99.7172
Delta	=	0°36'15.52" Right

P.O.T.	54+38.8641	S 0°47'04.83" W	835250.3356	1910373.6177	354
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P.I.	=	134+30.8684
Delta	=	10°58'04.27" Left
C	=	1°25'56.62"
Ts	=	471.5529
Ls	=	175.0000
Lc	=	590.7006
Theta	=	1°15'12.04"
L.T.	=	116.6696
S.T.	=	58.3360
R	=	4000.0000
Es	=	18.7125
x	=	174.9916
y	=	1.2760
k	=	87.4986
p	=	.3190

P.I.	183+70.5184		841083.1409	1911730.1559	319
T.S.	175+02.1082	N 79°15'24.29" E	840229.9519	1911568.2770	320
S.C.	176+77.1082	N 80°30'36.33" E	840402.1142	1911599.6433	321
C.S.	190+44.4107	S 79°54'17.07" E	841762.7507	1911592.4554	322
S.T.	192+19.4107	S 78°39'05.03" E	841934.5719	1911559.2720	323
M.O.C.	183+60.7595		841082.7403	1911654.3288	324
Rad Pt			841061.6097	1907654.3847	325
Spiral PI In			840344.5765	1911590.0252	326
Spiral PI Out			841820.1835	1911582.2300	327

P.I.	=	183+70.5184
Delta	=	22°05'30.68" Right
C	=	1°25'56.62"
Ts	=	868.4102
Ls	=	175.0000
Lc	=	1367.3025
Theta	=	1°15'12.04"
L.T.	=	116.6696
S.T.	=	58.3360
R	=	4000.0000
Es	=	75.8281
x	=	174.9916
y	=	1.2760
k	=	87.4986
p	=	.3190

P.I.	237+21.0043		846348.1508	1910673.4578	328
T.S.	224+97.9310	S 78°39'05.03" E	845148.9908	1910914.1316	329
S.C.	227+22.9310	S 80°47'59.96" E	845370.1140	1910872.6200	330
C.S.	246+24.7706	N 62°52'39.18" E	847217.4392	1911163.9260	331
S.T.	248+49.7706	N 60°43'44.25" E	847415.0579	1911271.4693	332
M.O.C.	236+73.8508		846317.0559	1910870.6468	333
Rad Pt			845849.7582	1913834.0287	334

Erwin Extension
Centerline No. 4 -- P.I.s defined by Coordinates

P.O.T.	20+00.0000	N 87°30'17.37" E	837310.2944	1910689.0649	358
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P.O.T.	24+53.8072	N 87°30'17.37" E	837763.6713	1910708.8215	359
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**RIGHT OF WAY
PLANS**

NOTE: Coordinate sequence is Easting and Northing

SCALE: 1"= COORDINATE DATA

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI0500CC.DGN
 USER: qchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

Kelly Drive Connector
Centerline No. 5 -- P.I.s defined by Coordinates

Varvel Entrance
Centerline No. 7 -- P.I.s defined by Coordinates

P.O.T.	41+59.8512	S 18^28'53.96" E	839063.2623	1912180.0148	360
P.I.	43+46.3485		839122.3821	1912003.1361	361
P.C.	42+24.5026	S 18^28'53.96" E	839083.7569	1912118.6978	362
P.T.	44+63.5353	S 8^54'34.11" W	839103.5114	1911882.7604	363
M.O.C. Rad Pt	43+44.0190		839107.8008	1912001.9152	364
			838609.5443	1911960.1973	365

P.O.T.	8+56.7369	S 77^40'00.36" W	840336.4775	1911445.9977	380
P.I.	12+05.1606		839996.0947	1911371.5754	381
P.C.	11+57.4245	S 77^40'00.36" W	840042.7292	1911381.7717	382
P.T.	12+33.6484	S 9^40'46.02" E	840004.1209	1911324.5188	383
M.O.C. Rad Pt	11+95.5364		840011.9541	1911360.8807	384
			840053.4091	1911332.9256	385

P.I.	=	51+25.0408
Delta	=	11^03'00.52" Left
C	=	5^43'46.48"
T	=	96.7307
L	=	192.8614
R	=	1000.0000
E	=	4.6675

P.I.	=	43+46.3485
Delta	=	27^23'28.07" Right
C	=	11^27'32.96"
T	=	121.8459
L	=	239.0327
R	=	500.0000
E	=	14.6323

P.I.	=	12+05.1606
Delta	=	87^20'46.38" Left
C	=	114^35'29.61"
T	=	47.7362
L	=	76.2240
R	=	50.0000
E	=	19.1284

P.O.T.	54+00.0000	S 13^36'26.83" E	845453.2592	1910477.8447	396
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East Connector
Centerline No. 10 -- P.I.s defined by Coordinates

P.I.	47+71.0250		839055.8893	1911578.9808	366
P.C.	46+85.1216	S 8^54'34.11" W	839069.1935	1911663.8477	367
P.T.	48+55.2672	S 10^35'15.97" E	839071.6733	1911494.5401	368
M.O.C. Rad Pt	47+70.1944		839063.2143	1911579.0881	369
			839563.1606	1911586.4108	370

P.O.T.	12+75.4331	S 9^40'46.02" E	840011.1464	1911283.3290	386
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P.O.T.	39+00.0000	S 84^39'24.27" E	846767.6315	1911804.1190	397
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P.I.	=	47+71.0250
Delta	=	19^29'50.07" Left
C	=	11^27'32.96"
T	=	85.9033
L	=	170.1455
R	=	500.0000
E	=	7.3257

Connector Left 211+88.78
Centerline No. 8 -- P.I.s defined by Coordinates

P.I.	46+95.7324		847559.9061	1911730.0186	398
P.C.	45+38.2822	S 84^39'24.27" E	847403.1402	1911744.6807	399
P.T.	48+28.2722	S 29^16'21.81" E	847636.8941	1911592.6745	400
M.O.C. Rad Pt	46+83.2772		847538.7500	1911697.4848	401
			847375.2035	1911445.9843	402

P.I.	=	46+95.7324
Delta	=	55^23'02.47" Right
C	=	19^05'54.94"
T	=	157.4502
L	=	289.9900
R	=	300.0000
E	=	38.8075

P.O.T.	49+98.7359	S 10^35'15.97" E	839098.0345	1911353.5139	371
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P.O.T.	40+12.2602	S 7^59'55.18" W	844002.8733	1912149.8754	387
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P.O.T.	53+48.8838	S 29^16'21.81" E	847891.4561	1911138.5439	403
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Mud Drag Lane
Centerline No. 6 -- P.I.s defined by Coordinates

P.O.T.	45+42.1874	S 12^19'59.65" E	840208.7865	1912030.0139	372
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Cody Cooper Road
Centerline No. 9 -- P.I.s defined by Coordinates

Anita Lane
Centerline No. 11 -- P.I.s defined by Coordinates

P.I.	52+28.5956		840355.4013	1911359.4467	373
P.C.	51+88.4661	S 12^19'59.65" E	840346.8298	1911398.6501	374
P.T.	52+64.7906	S 56^03'50.17" E	840388.6952	1911337.0437	375
M.O.C. Rad Pt	52+26.6284		840361.8125	1911363.8035	376
			840444.5220	1911420.0098	377

P.O.T.	46+59.2200	S 2^06'56.78" E	845369.1703	1911211.0882	389
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P.O.T.	37+27.8738	S 6^48'51.43" E	847579.0136	1911956.4772	404
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P.I.	=	52+28.5956
Delta	=	43^43'50.52" Left
C	=	57^17'44.81"
T	=	40.1295
L	=	76.3245
R	=	100.0000
E	=	7.7515

Delta	=	0^26'29.53" Left
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P.I.	38+88.4519		847598.0664	1911797.0334	405
P.C.	38+35.0043	S 6^48'51.43" E	847591.7248	1911850.1034	406
P.T.	39+37.6917	S 32^24'33.79" W	847569.4204	1911751.9109	407
M.O.C. Rad Pt	38+86.3480		847589.0582	1911799.0796	408
			847442.7844	1911832.3057	409

P.I.	=	38+88.4519
Delta	=	39^13'25.23" Right
C	=	38^11'49.87"
T	=	53.4475
L	=	102.6873
R	=	150.0000
E	=	9.2377

P.I.	53+17.7178	S 58^46'54.25" E	840432.6069	1911307.4961	378
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P.I.	=	53+17.7178
Delta	=	2^43'04.08" Left

P.I.	51+25.0408		845388.4288	1910745.6691	391
P.C.	50+28.3100	S 2^33'26.31" E	845384.1128	1910842.3035	392
P.T.	52+21.1714	S 13^36'26.83" E	845411.1865	1910651.6536	393

P.O.T.	40+00.0606	S 32^24'33.79" W	847535.9929	1911699.2566	410
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P.O.T.	53+42.1533	S 58^46'54.25" E	840453.5041	1911294.8312	379
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M.O.C. Rad Pt	51+24.7407		845393.0499	1910746.3253	394
			846383.1169	1910886.9221	395

**RIGHT OF WAY
PLANS**

NOTE: Coordinate sequence is Easting **SCALE** Not Shing

COORDINATE DATA

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI0600CC.DGN
 USER: qchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

Frontage East
Centerline No. 12 -- P.I.s defined by Coordinates

RECC Entrance
Centerline No. 13 -- P.I.s defined by Coordinates

P.O.T. 7+68.4447 N 15°51'11.10" E 846840.3188 1910630.5035 411

P.O.T. 19+50.3631 N 73°24'34.11" E 848108.4051 1911862.4518 433

P.I. 12+60.7746 834579.2368 1910583.0965 451

P.I. 9+58.0287 846892.1077 1910812.8767 412
P.C. 8+68.4447 N 15°51'11.10" E 846867.6360 1910726.7000 413
P.T. 10+29.9580 N 77°32'47.75" E 846979.5839 1910832.1950 414
M.O.C. 9+49.2014 846909.0577 1910794.8899 415
Rad Pt 847011.9308 1910685.7243 416

P.I. 20+94.7754 848246.8055 1911903.6858 434
P.C. 20+02.6391 N 73°24'34.11" E 848158.5048 1911877.3782 435
P.T. 21+79.1889 N 32°56'50.09" E 848296.9153 1911981.0040 436
M.O.C. 20+90.9140 848236.9539 1911916.8443 437
Rad Pt 848087.1224 1912116.9706 438

P.C. 12+40.0764 N 6°22'18.83" E 834576.9397 1910562.5261 452
P.T. 12+79.3251 N 38°36'13.71" W 834566.3225 1910599.2717 453
M.O.C. 12+59.7007 834575.2837 1910581.9542 454
Rad Pt 834527.2486 1910568.0751 455

P.I. = 9+58.0287
Delta = 61°41'36.65" Right
C = 38°11'49.87"
T = 89.5839
L = 161.5132
R = 150.0000
E = 24.7149

P.I. = 20+94.7754
Delta = 40°27'44.02" Left
C = 22°55'05.92"
T = 92.1363
L = 176.5498
R = 250.0000
E = 16.4378

P.I. = 12+60.7746
Delta = 44°58'32.54" Left
C = 114°35'29.61"
T = 20.6983
L = 39.2487
R = 50.0000
E = 4.1149

P.I. 16+51.1764 847586.1861 1910966.1580 417
P.C. 15+31.6156 N 77°32'47.75" E 847469.4384 1910940.3753 418
P.T. 17+68.9803 N 60°32'47.79" E 847690.2943 1911024.9479 419

P.I. 22+09.6750 848313.4957 1912006.5870 439
P.C. 21+81.2063 N 32°56'50.09" E 848298.0125 1911982.6969 440
P.T. 22+36.6762 N 64°43'45.07" E 848339.2399 1912018.7403 441
M.O.C. 22+08.9413 848316.1109 1912003.5957 442
Rad Pt 848381.9297 1911928.3102 443

P.O.T. 14+10.2757 N 38°36'13.71" W 834484.6183 1910701.6069 456

P.I. = 16+51.1764
Delta = 16°59'59.96" Left
C = 7°09'43.10"
T = 119.5607
L = 237.3646
R = 800.0000
E = 8.8849

P.I. = 22+09.6750
Delta = 31°46'54.98" Right
C = 57°17'44.81"
T = 28.4687
L = 55.4699
R = 100.0000
E = 3.9734

P.I. 22+65.3917 848122.5475 1911269.0410 422
P.C. 21+52.2133 N 60°32'47.79" E 848023.9968 1911213.3894 423
P.T. 23+68.6643 N 19°12'27.07" E 848159.7821 1911375.9191 424
M.O.C. 22+60.4388 848106.7087 1911282.2735 425
Rad Pt 847876.4822 1911474.6162 426

P.O.T. 22+66.3399 N 64°43'45.07" E 848366.0648 1912031.4036 444

Cul de Sac #2
Centerline No. 15 -- P.I.s defined by Coordinates

P.O.T. 20+00.0000 S 63°38'56.70" W 834769.0810 1911128.8635 457

P.I. = 22+65.3917
Delta = 41°20'20.72" Left
C = 19°05'54.94"
T = 113.1784
L = 216.4510
R = 300.0000
E = 20.6390

Cul de Sac #1
Centerline No. 14 -- P.I.s defined by Coordinates

P.I. 21+07.9014 834672.3914 1911080.9696 458
P.C. 20+75.5778 S 63°38'56.70" W 834701.3564 1911095.3170 459
P.T. 21+32.9669 S 2°06'50.42" E 834673.5838 1911048.6680 460
M.O.C. 21+04.2723 834680.5872 1911076.0902 461
Rad Pt 834723.5497 1911050.5124 462

P.I. 25+88.2302 848232.0172 1911583.2624 427
P.C. 24+45.8083 N 19°12'27.07" E 848185.1618 1911448.7687 428
P.T. 27+11.7498 N 69°59'54.97" E 848365.8488 1911631.9768 429
M.O.C. 25+78.7790 848254.8652 1911560.7289 430
Rad Pt 848468.4617 1911350.0715 431

P.O.T. 10+00.0000 N 35°05'25.24" E 834472.8134 1910350.4715 445

P.I. 21+07.9014 834672.3914 1911080.9696 458
Delta = 65°45'47.13" Left
C = 114°35'29.61"
T = 32.3236
L = 57.3891
R = 50.0000
E = 9.5384

P.I. = 25+88.2302
Delta = 50°47'27.90" Right
C = 19°05'54.94"
T = 142.4219
L = 265.9415
R = 300.0000
E = 32.0903

P.I. 11+66.3850 834568.4627 1910486.6154 446
P.C. 11+02.3855 N 35°05'25.24" E 834531.6715 1910434.2481 447
P.T. 12+27.6934 N 6°22'18.83" E 834575.5654 1910550.2195 448
M.O.C. 11+65.0394 834560.9228 1910489.4692 449
Rad Pt 834327.1098 1910577.9649 450

P.O.T. 23+19.0040 S 2°06'50.42" E 834680.4463 1910862.7575 463

P.I. = 11+66.3850
Delta = 28°43'06.41" Left
C = 22°55'05.92"
T = 63.9995
L = 125.3079
R = 250.0000
E = 8.0619

P.O.T. 28+26.5680 N 69°59'54.97" E 848473.7417 1911671.2496 432

FILE NAME: F:\CIVIL\US60LIV\FINAL\PLAN\RI0700CC.DGN
USER: qchillers
DATE PLOTTED: January 2, 2014
E-SHEET NAME:
MicroStation v8.11.9.292

RIGHT OF WAY
PLANS

NOTE: Coordinate sequence is Easting and Northing

COORDINATE DATA

SCALE: 1"=

EROSION CONTROL GENERAL NOTES

All Erosion Control Devices Are To Be Constructed As Detailed In The Standard Specifications And Installed As Instructed In The Erosion Control General Notes Or As Directed By The Engineer.

Silt Fences Are To Be Installed Prior To Disturbing Any Area.

Silt Checks And Traps Are To Be Installed Immediately After Ditch Construction.

All Ditches That Are To Be Lined Should Be Done So As Soon As Possible After Construction.

All Disturbed Areas Are To Be Seeded As Soon As Possible.



BEGIN PROJECT
STA. 101+02.58 US 60

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
101+02.58	Rt	II	36	0.40
105+00	L+	II	52	0.27
108+00	L+	II	52	0.16
110+00	Median	II (mod)	30	1.33

SILT FENCE		
STA. - STA.	ELEV.	AREA (ac)
Rt 103+05 - 109+50	Varies	1.1

*Total Disturbed Area After Previous Silt Check

EROSION CONTROL LEGEND

- SILT FENCE
- SILT TRAP TYPE B
- SILT CHECK TYPE II
- SILT CHECK TYPE II (MODIFIED)

SCALE 1" = 50'

EROSION CONTROL PLANS

US 60
STA. 101+02.58 TO STA. 110+00

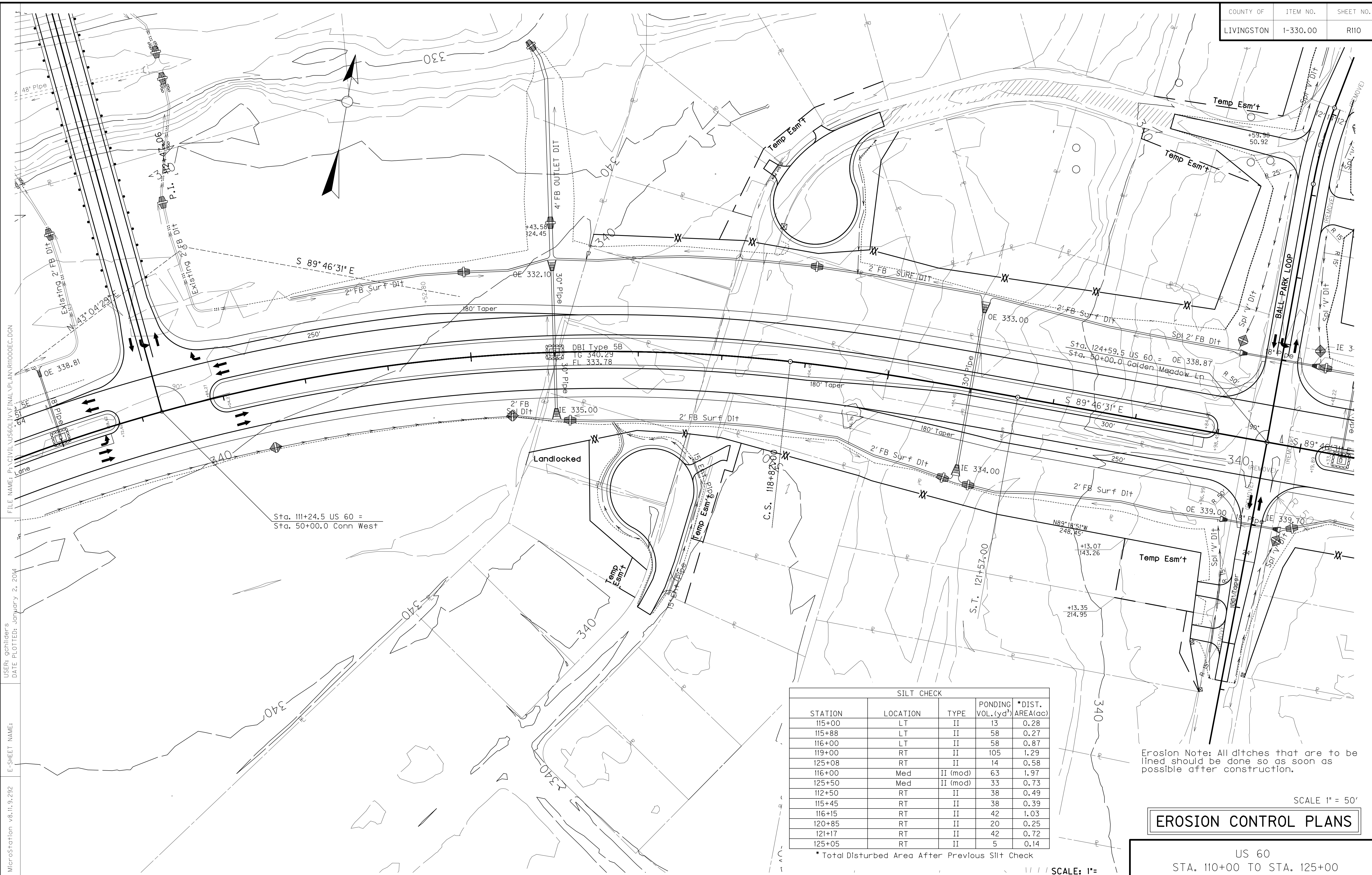
SCALE 1" = 50'

FILE NAME: P:\CIVIL\US60\1\FINAL\PLAN\R10900EC.DGN

USER: qchillers
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.9.292



FILE NAME: P:\CIVIL\US60\IV\FINAL\PLAN\RI1000EC.DGN
 USER: schilder's
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA(ac)
115+00	LT	II	13	0.28
115+88	LT	II	58	0.27
116+00	LT	II	58	0.87
119+00	RT	II	105	1.29
125+08	RT	II	14	0.58
116+00	Med	II (mod)	63	1.97
125+50	Med	II (mod)	33	0.73
112+50	RT	II	38	0.49
115+45	RT	II	38	0.39
116+15	RT	II	42	1.03
120+85	RT	II	20	0.25
121+17	RT	II	42	0.72
125+05	RT	II	5	0.14

*Total Disturbed Area After Previous Silt Check

Erosion Note: All ditches that are to be lined should be done so as soon as possible after construction.

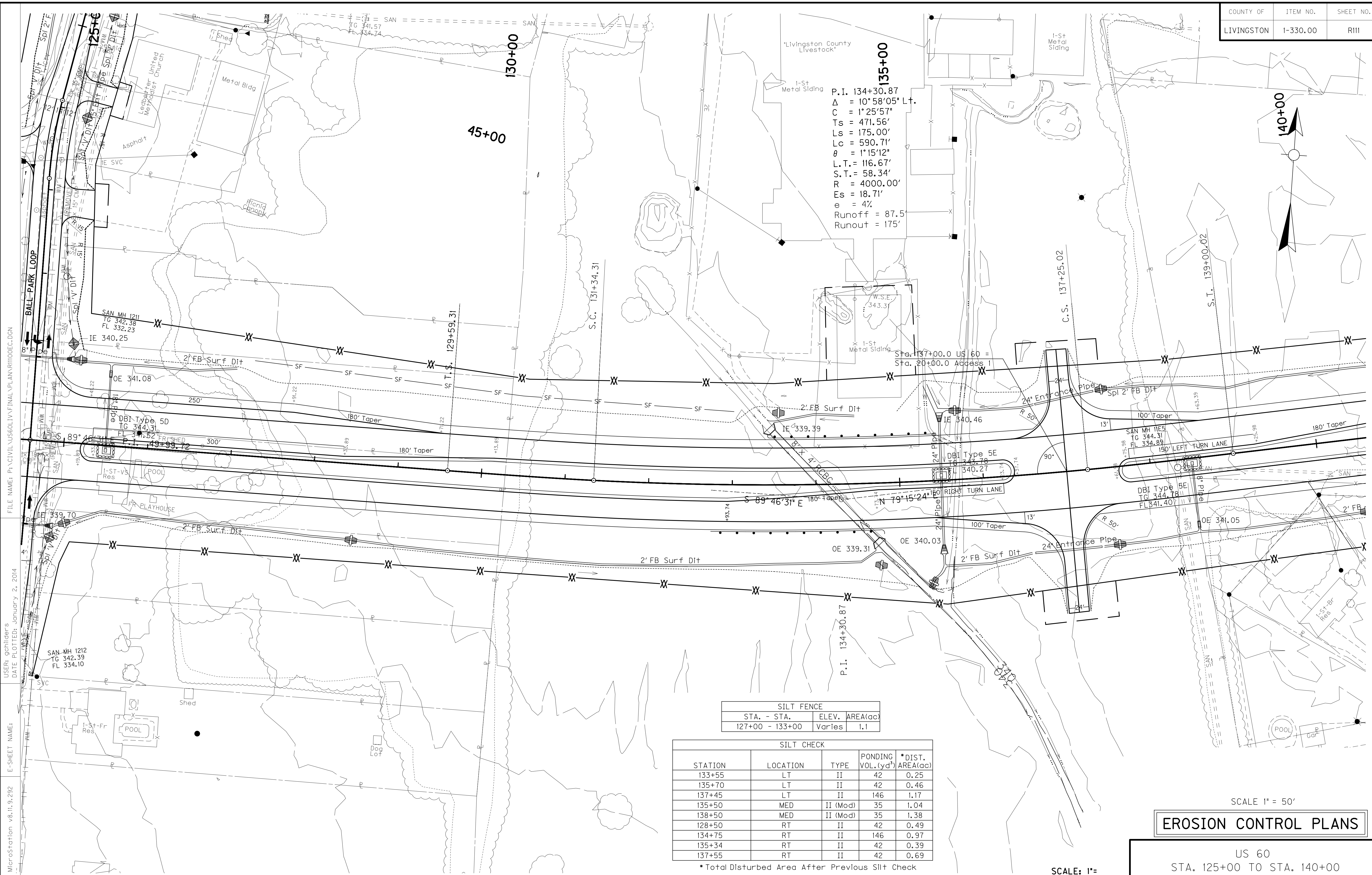
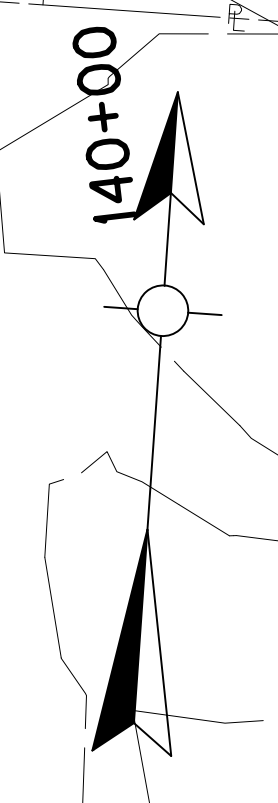
SCALE 1" = 50'

EROSION CONTROL PLANS

US 60
STA. 110+00 TO STA. 125+00

SCALE: 1" =

P.I. 134+30.87
 $\Delta = 10^{\circ}58'05''$ Lt.
 $C = 1^{\circ}25'57''$
 $Ls = 471.56'$
 $Lc = 590.71'$
 $\theta = 1^{\circ}15'12''$
 $L.T. = 116.67'$
 $S.T. = 58.34'$
 $R = 4000.00'$
 $Es = 18.71'$
 $e = 4\%$
 Runoff = 87.5
 Runout = 175'



SILT FENCE			
STA. - STA.	ELEV.	AREA(ac)	
127+00 - 133+00	Varies	1.1	

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL.(yd ³)	*DIST. AREA(ac)
133+55	LT	II	42	0.25
135+70	LT	II	42	0.46
137+45	LT	II	146	1.17
135+50	MED	II (Mod)	35	1.04
138+50	MED	II (Mod)	35	1.38
128+50	RT	II	42	0.49
134+75	RT	II	146	0.97
135+34	RT	II	42	0.39
137+55	RT	II	42	0.69

* Total Disturbed Area After Previous Silt Check

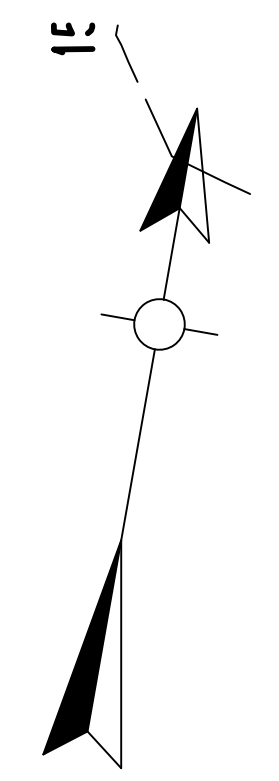
SCALE 1" = 50'

EROSION CONTROL PLANS

US 60
STA. 125+00 TO STA. 140+00

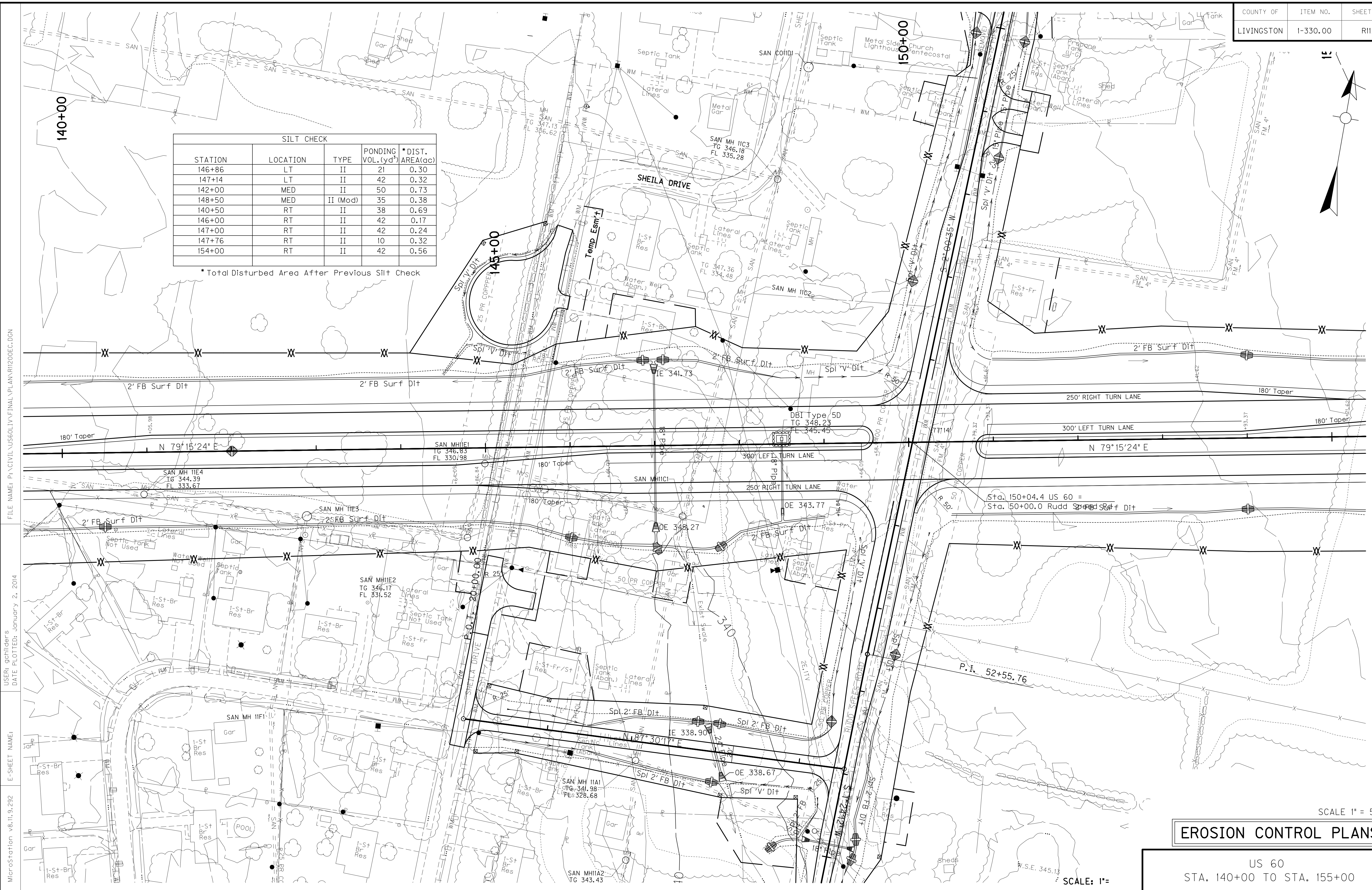
SCALE: 1" =

FILE NAME: P:\CIVIL\US60\1\FINAL\PLAN\RII00EC.DGN
 USER: qchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME: MicroStation v8.11.9.292



SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
146+86	LT	II	21	0.30
147+14	LT	II	42	0.32
142+00	MED	II	50	0.73
148+50	MED	II (Mod)	35	0.38
140+50	RT	II	38	0.69
146+00	RT	II	42	0.17
147+00	RT	II	42	0.24
147+76	RT	II	10	0.32
154+00	RT	II	42	0.56

* Total Disturbed Area After Previous Silt Check



FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI200EC.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

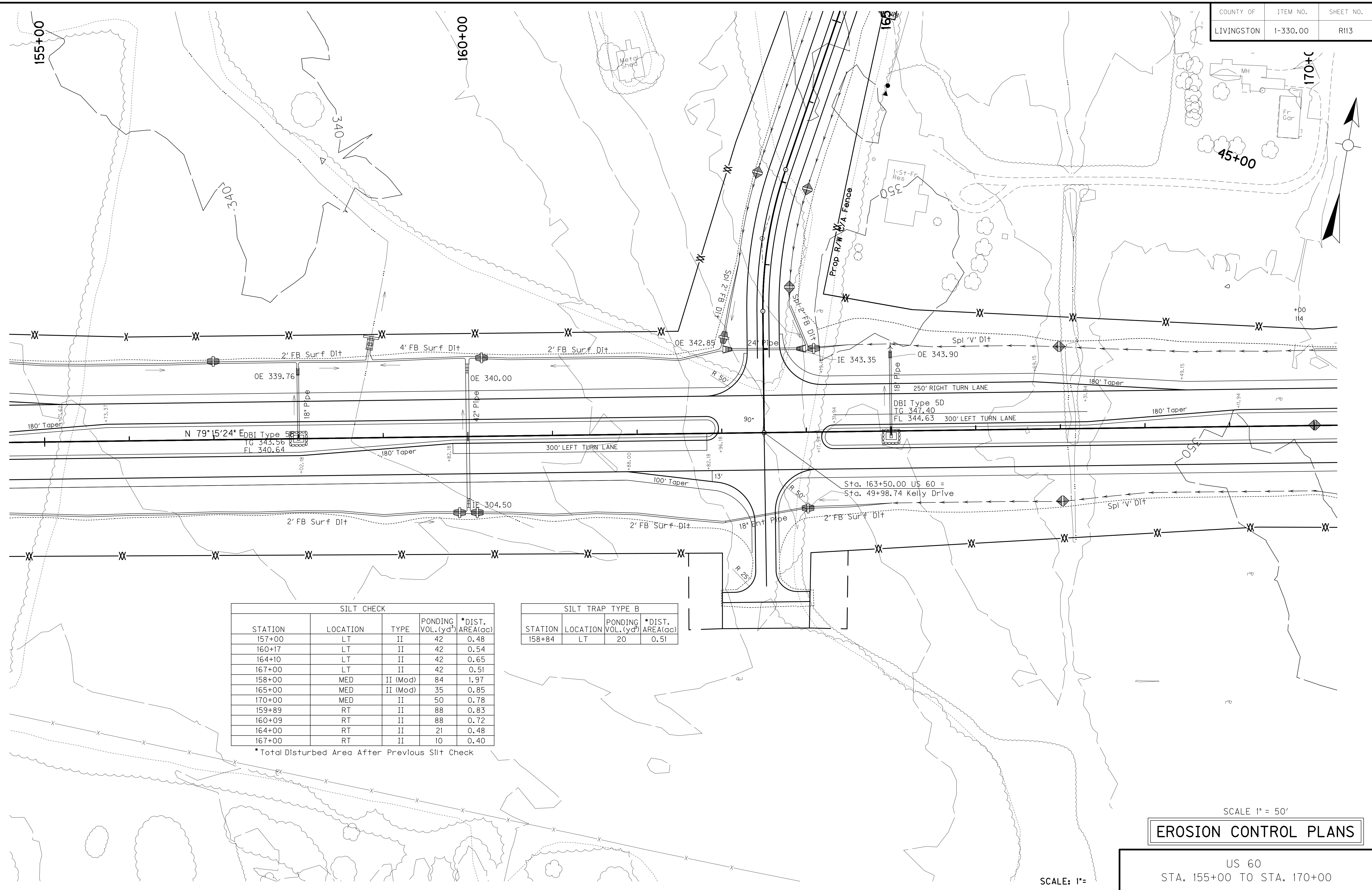
SCALE 1" = 50'

EROSION CONTROL PLANS

US 60
STA. 140+00 TO STA. 155+00

SCALE: 1" =

FILE NAME: P:\CIVIL\US60\IV\FINAL\PLAN\RI1300EC.DGN
 USER: gchilider's
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292



SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
157+00	LT	II	42	0.48
160+17	LT	II	42	0.54
164+10	LT	II	42	0.65
167+00	LT	II	42	0.51
158+00	MED	II (Mod)	84	1.97
165+00	MED	II (Mod)	35	0.85
170+00	MED	II	50	0.78
159+89	RT	II	88	0.83
160+09	RT	II	88	0.72
164+00	RT	II	21	0.48
167+00	RT	II	10	0.40

*Total Disturbed Area After Previous Silt Check

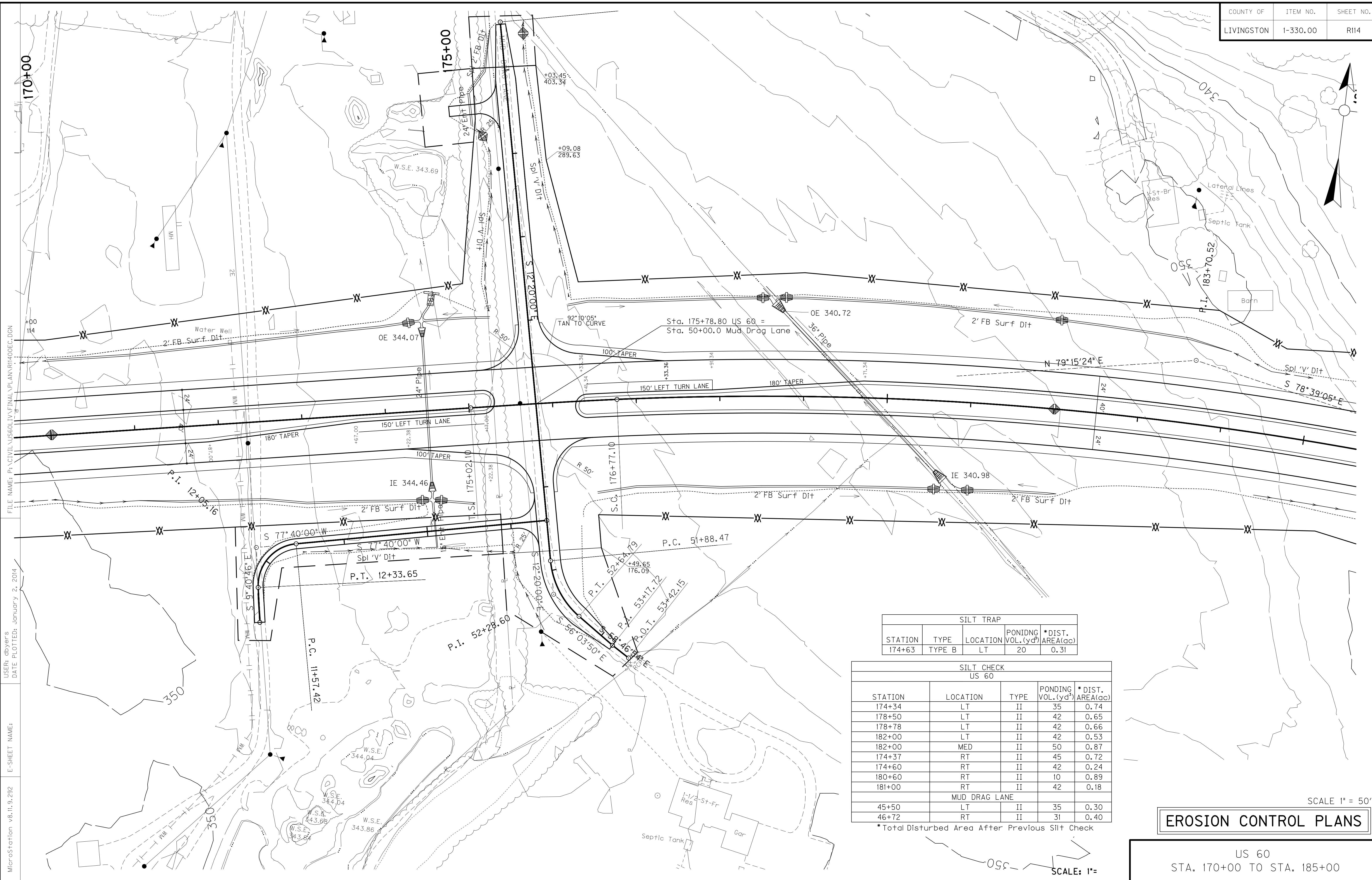
SILT TRAP TYPE B				
STATION	LOCATION	PONDING VOL. (yd ³)	*DIST. AREA (ac)	
158+84	LT	20	0.51	

SCALE 1" = 50'

EROSION CONTROL PLANS

US 60
STA. 155+00 TO STA. 170+00

SCALE: 1" =



FILE NAME: P:\CIVIL\US60\14\FINAL\PLAN\RI1400EC.DGN
 USER: dbyer's
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

SILT TRAP				
STATION	TYPE	LOCATION	PONDING VOL. (yd ³)	*DIST. AREA(ac)
174+63	TYPE B	LT	20	0.31

SILT CHECK US 60				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA(ac)
174+34	LT	II	35	0.74
178+50	LT	II	42	0.65
178+78	LT	II	42	0.66
182+00	LT	II	42	0.53
182+00	MED	II	50	0.87
174+37	RT	II	45	0.72
174+60	RT	II	42	0.24
180+60	RT	II	10	0.89
181+00	RT	II	42	0.18
MUD DRAG LANE				
45+50	LT	II	35	0.30
46+72	RT	II	31	0.40

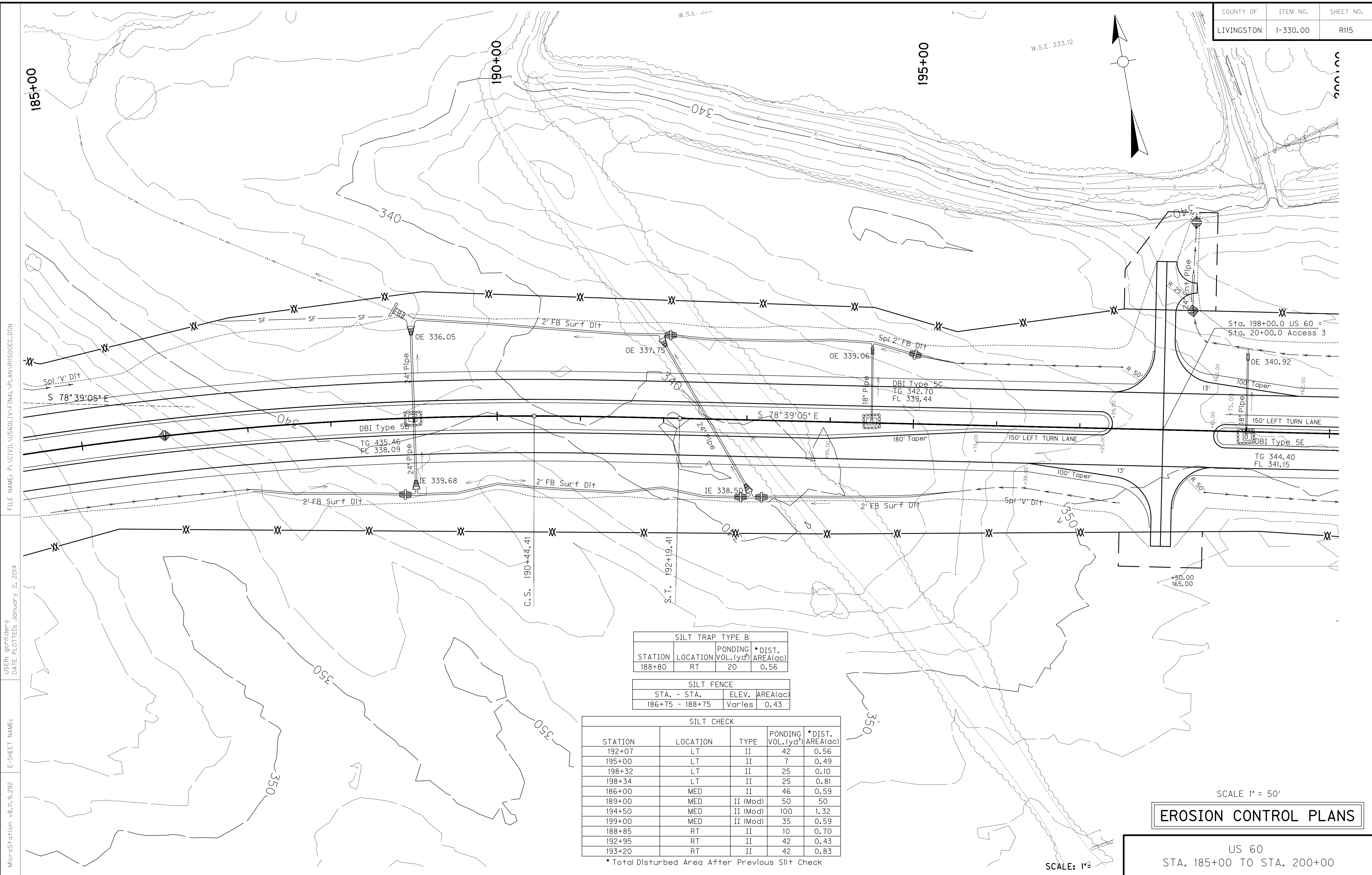
*Total Disturbed Area After Previous Silt Check

SCALE 1" = 50'

EROSION CONTROL PLANS

US 60
STA. 170+00 TO STA. 185+00

SCALE: 1" =



FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI1500EC.DGN
 USER: gchilider's
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

SILT TRAP TYPE B			
STATION	LOCATION	PONDING VOL. (yd ³)	*DIST. AREA (ac)
188+80	RT	20	0.56

SILT FENCE		
STA. - STA.	ELEV.	AREA (ac)
186+75 - 188+75	Varies	0.43

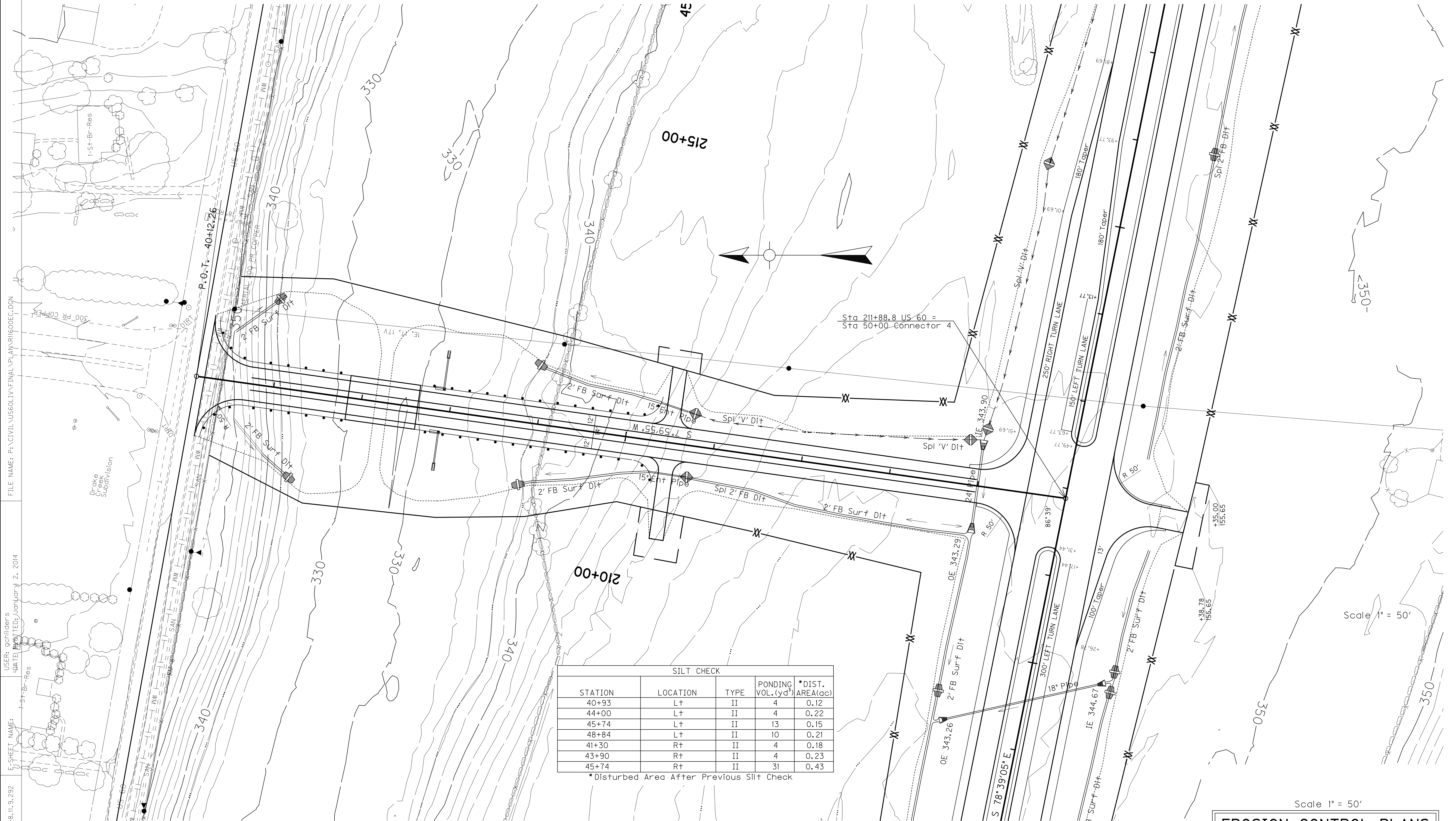
SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
192+07	LT	II	42	0.56
195+00	LT	II	7	0.49
198+32	LT	II	25	0.10
198+34	LT	II	25	0.81
186+00	MED	II	46	0.59
189+00	MED	II (Mod)	50	50
194+50	MED	II (Mod)	100	1.32
199+00	MED	II (Mod)	35	0.59
188+85	RT	II	10	0.70
192+95	RT	II	42	0.43
193+20	RT	II	42	0.83

* Total Disturbed Area After Previous Silt Check

SCALE 1" = 50'
EROSION CONTROL PLANS

US 60
 STA. 185+00 TO STA. 200+00

SCALE: 1" = 50'



SILT CHECK					
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)	
40+93	L+	II	4	0.12	
44+00	L+	II	4	0.22	
45+74	L+	II	13	0.15	
48+84	L+	II	10	0.21	
41+30	R+	II	4	0.18	
43+90	R+	II	4	0.23	
45+74	R+	II	31	0.43	

*Disturbed Area After Previous Silt Check

Scale 1" = 50'

Scale 1" = 50'

EROSION CONTROL PLANS

CONNECTOR LT. 211+88+80
STA. 40+22 to STA. 50+00

SCALE: 1" =

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI1600EC.DGN

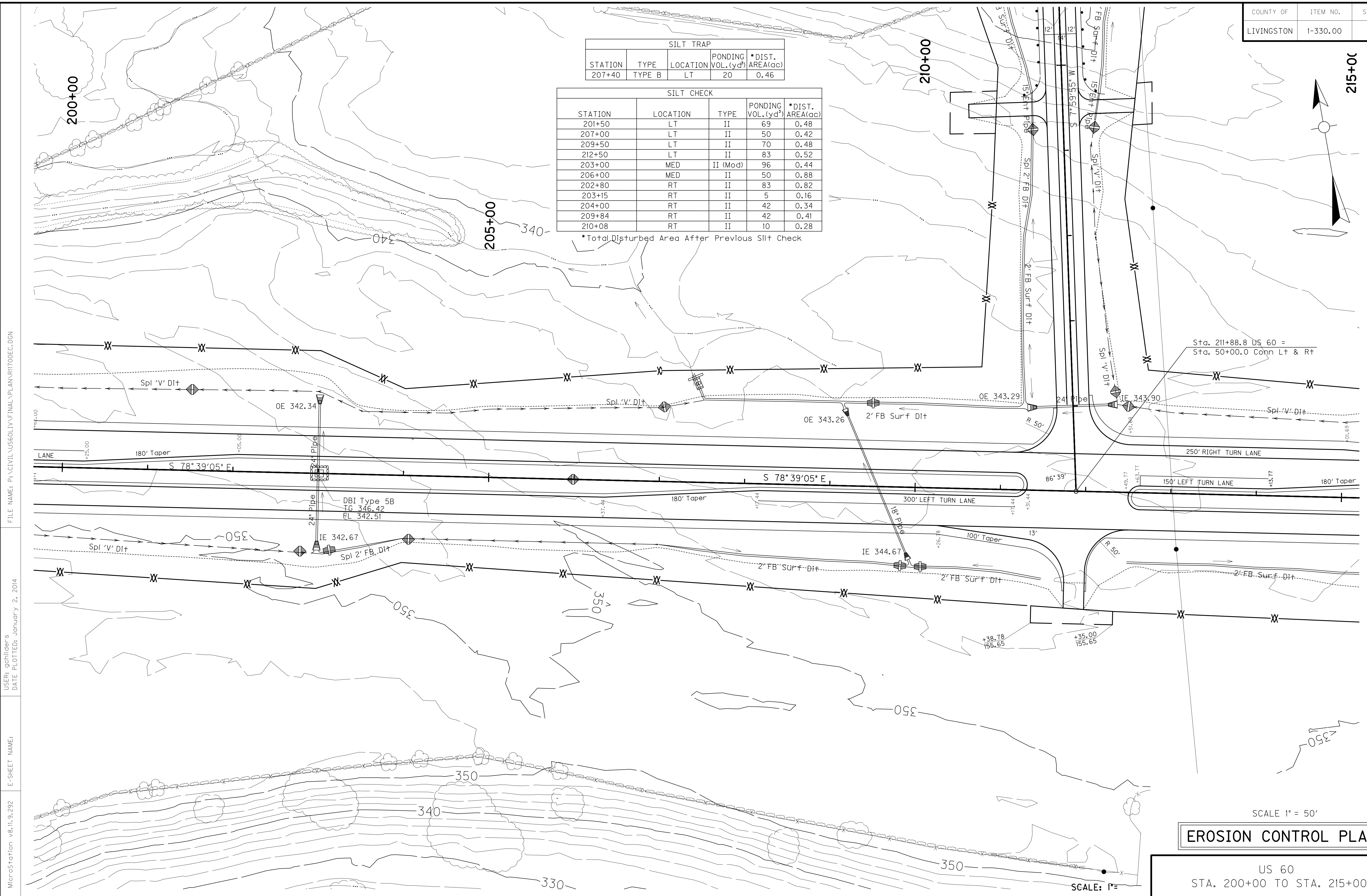
USER: acalder
DATE: 10/15/2014

MicroStation v8.11.9.292

SILT TRAP				
STATION	TYPE	LOCATION	PONDING VOL. (yd ³)	*DIST. AREA (ac)
207+40	TYPE B	LT	20	0.46

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
201+50	LT	II	69	0.48
207+00	LT	II	50	0.42
209+50	LT	II	70	0.48
212+50	LT	II	83	0.52
213+00	MED	II (Mod)	96	0.44
206+00	MED	II	50	0.88
202+80	RT	II	83	0.82
203+15	RT	II	5	0.16
204+00	RT	II	42	0.34
209+84	RT	II	42	0.41
210+08	RT	II	10	0.28

*Total Disturbed Area After Previous Silt Check



FILE NAME: P:\CIVIL\US60\17\FINAL\PLAN\RI1700EC.DGN

USER: gchilider's
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.9.292

EROSION CONTROL PLANS

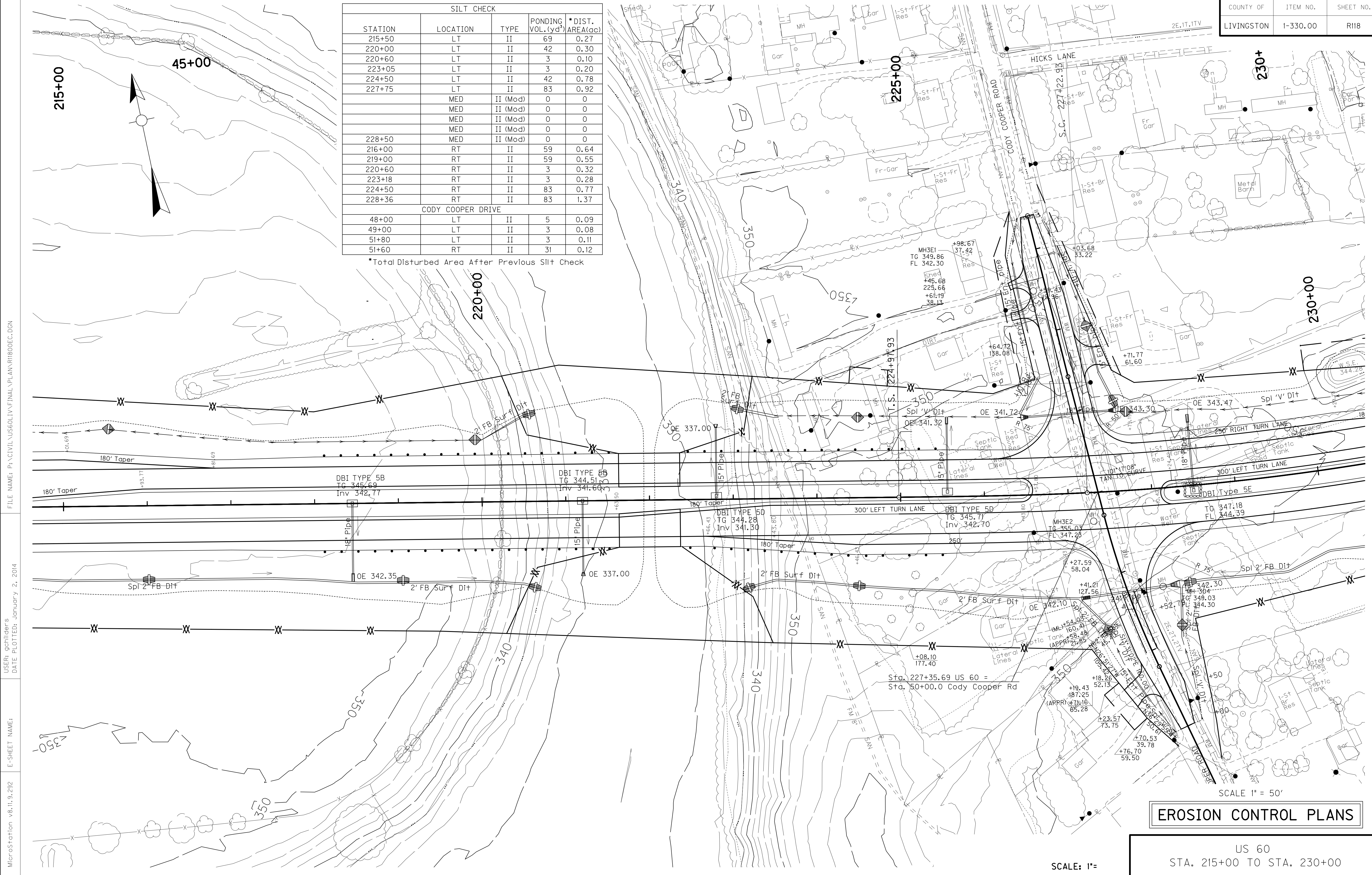
US 60
STA. 200+00 TO STA. 215+00

SCALE: 1" = 50'

SCALE 1" = 50'

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
215+50	LT	II	69	0.27
220+00	LT	II	42	0.30
220+60	LT	II	3	0.10
223+05	LT	II	3	0.20
224+50	LT	II	42	0.78
227+75	LT	II	83	0.92
	MED	II (Mod)	0	0
	MED	II (Mod)	0	0
	MED	II (Mod)	0	0
	MED	II (Mod)	0	0
228+50	MED	II	0	0
216+00	RT	II	59	0.64
219+00	RT	II	59	0.55
220+60	RT	II	3	0.32
223+18	RT	II	3	0.28
224+50	RT	II	83	0.77
228+36	RT	II	83	1.37
CODY COOPER DRIVE				
48+00	LT	II	5	0.09
49+00	LT	II	3	0.08
51+80	LT	II	3	0.11
51+60	RT	II	31	0.12

*Total Disturbed Area After Previous Silt Check



EROSION CONTROL PLANS

US 60
STA. 215+00 TO STA. 230+00

SCALE: 1" = 50'

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI1800EC.DGN
 USER: gchidlers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

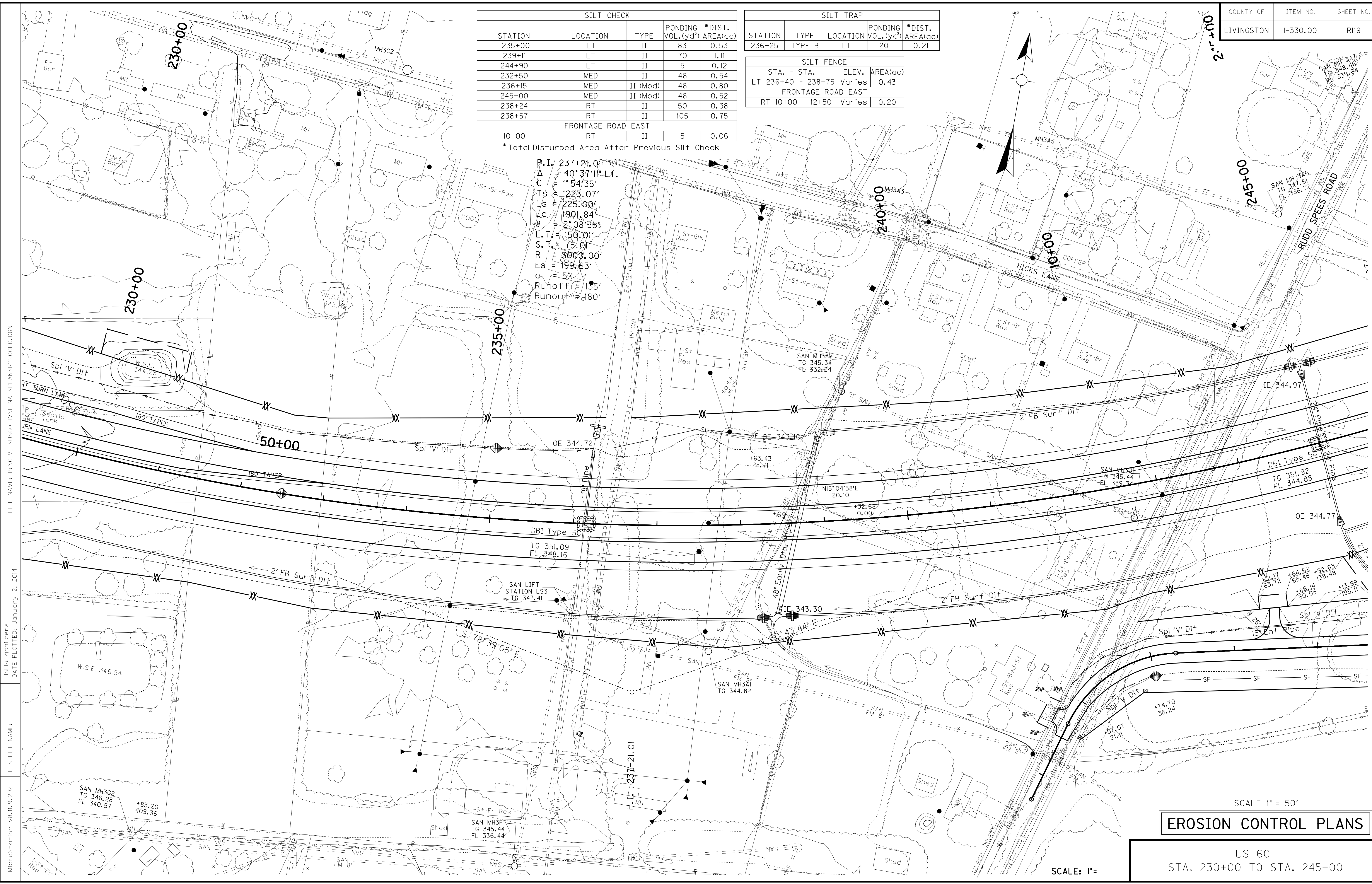
SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
235+00	LT	II	83	0.53
239+11	LT	II	70	1.11
244+90	LT	II	5	0.12
232+50	MED	II	46	0.54
236+15	MED	II (Mod)	46	0.80
245+00	MED	II (Mod)	46	0.52
238+24	RT	II	50	0.38
238+57	RT	II	105	0.75
FRONTAGE ROAD EAST				
10+00	RT	II	5	0.06

SILT TRAP				
STATION	TYPE	LOCATION	PONDING VOL. (yd ³)	*DIST. AREA (ac)
236+25	TYPE B	LT	20	0.21

SILT FENCE		
STA. - STA.	ELEV.	AREA (ac)
LT 236+40 - 238+75	Varies	0.43
FRONTAGE ROAD EAST		
RT 10+00 - 12+50	Varies	0.20

* Total Disturbed Area After Previous Silt Check

P.I. 237+21.01
 $\Delta = 40^\circ 37' 11''$ Lt.
 $C = 1^\circ 54' 35''$
 $T_s = 1223.07'$
 $L_s = 225.00'$
 $LC = 1901.84'$
 $\theta = 2^\circ 08' 55''$
 $L.T. = 150.01'$
 $S.T. = 75.01'$
 $R = 3000.00'$
 $E_s = 199.63'$
 $e = 5\%$
 Runoff @ 15%
 Runout @ 180'



FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI1900EC.DGN

USER: gchillers
DATE PLOTTED: January 2, 2014

E-SHEET NAME:
MicroStation v8.11.9.292

SCALE 1" = 50'
EROSION CONTROL PLANS

US 60
 STA. 230+00 TO STA. 245+00

SCALE: 1" =

$I = 92$
 $L = 17$
 $R = 2'$
 $E = 16$
 $e = ?$
 $\text{Runoff} = ?$
 $\text{Runout} = ?$

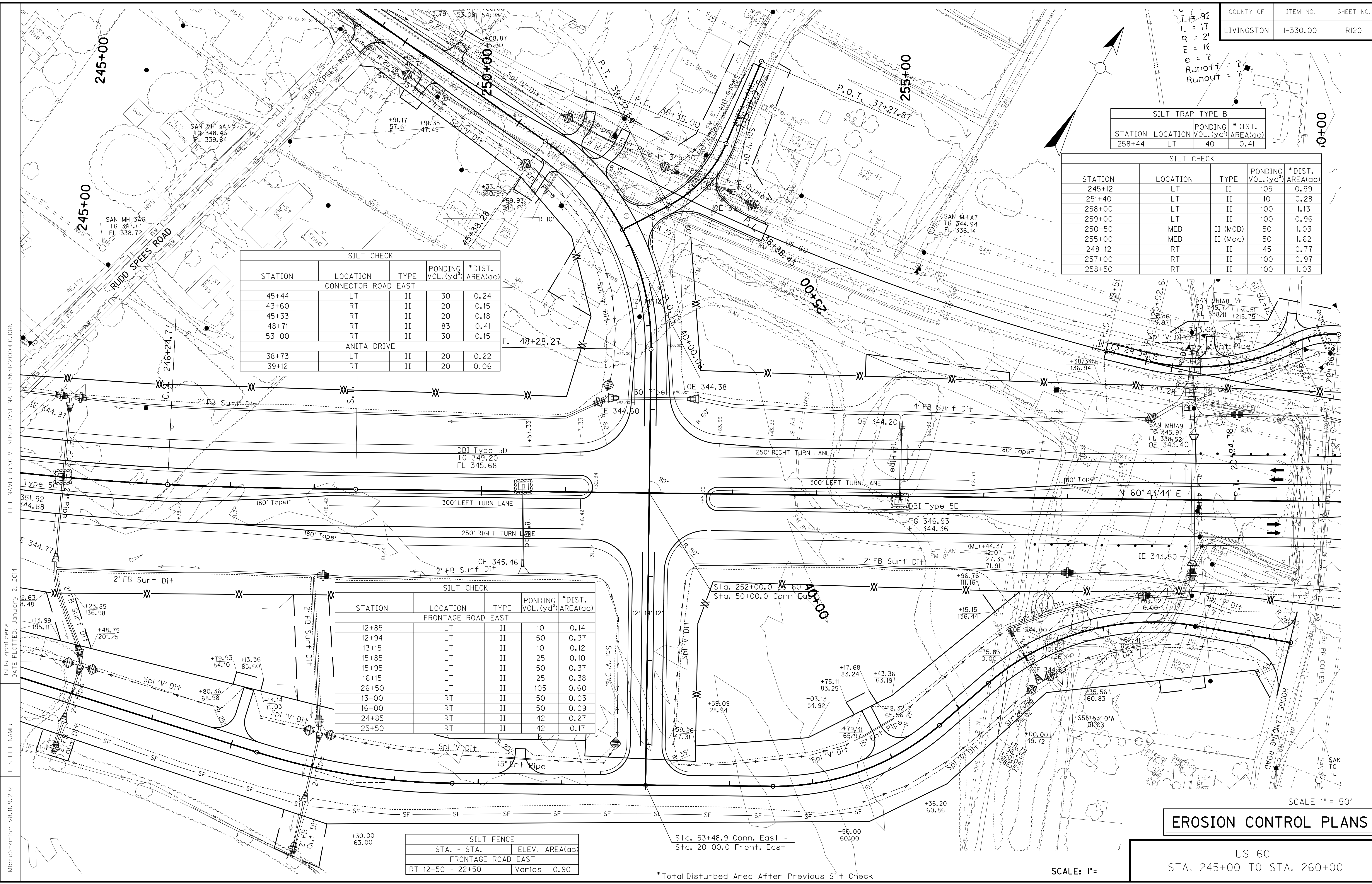
SILT TRAP TYPE B				
STATION	LOCATION	PONDING VOL. (yd ³)	*DIST. AREA(ac)	
258+44	LT	40	0.41	

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA(ac)
245+12	LT	II	105	0.99
251+40	LT	II	10	0.28
258+00	LT	II	100	1.13
259+00	LT	II	100	0.96
250+50	MED	II (MOD)	50	1.03
255+00	MED	II (Mod)	50	1.62
248+12	RT	II	45	0.77
257+00	RT	II	100	0.97
258+50	RT	II	100	1.03

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA(ac)
CONNECTOR ROAD EAST				
45+44	LT	II	30	0.24
43+60	RT	II	20	0.15
45+33	RT	II	20	0.18
48+71	RT	II	83	0.41
53+00	RT	II	30	0.15
ANITA DRIVE				
38+73	LT	II	20	0.22
39+12	RT	II	20	0.06

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA(ac)
FRONTAGE ROAD EAST				
12+85	LT	II	10	0.14
12+94	LT	II	50	0.37
13+15	LT	II	10	0.10
15+85	LT	II	25	0.12
15+95	LT	II	50	0.37
16+15	LT	II	25	0.38
26+50	LT	II	105	0.60
13+00	RT	II	50	0.03
16+00	RT	II	50	0.09
24+85	RT	II	42	0.27
25+50	RT	II	42	0.17

SILT FENCE			
STA. - STA.	ELEV.	AREA(ac)	
FRONTAGE ROAD EAST			
RT 12+50 - 22+50	Varies	0.90	



FILE NAME: P:\CIVIL\US60\1\1\FINAL\PLAN\R1200000EC.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME: MicroStation v8.11.9.292

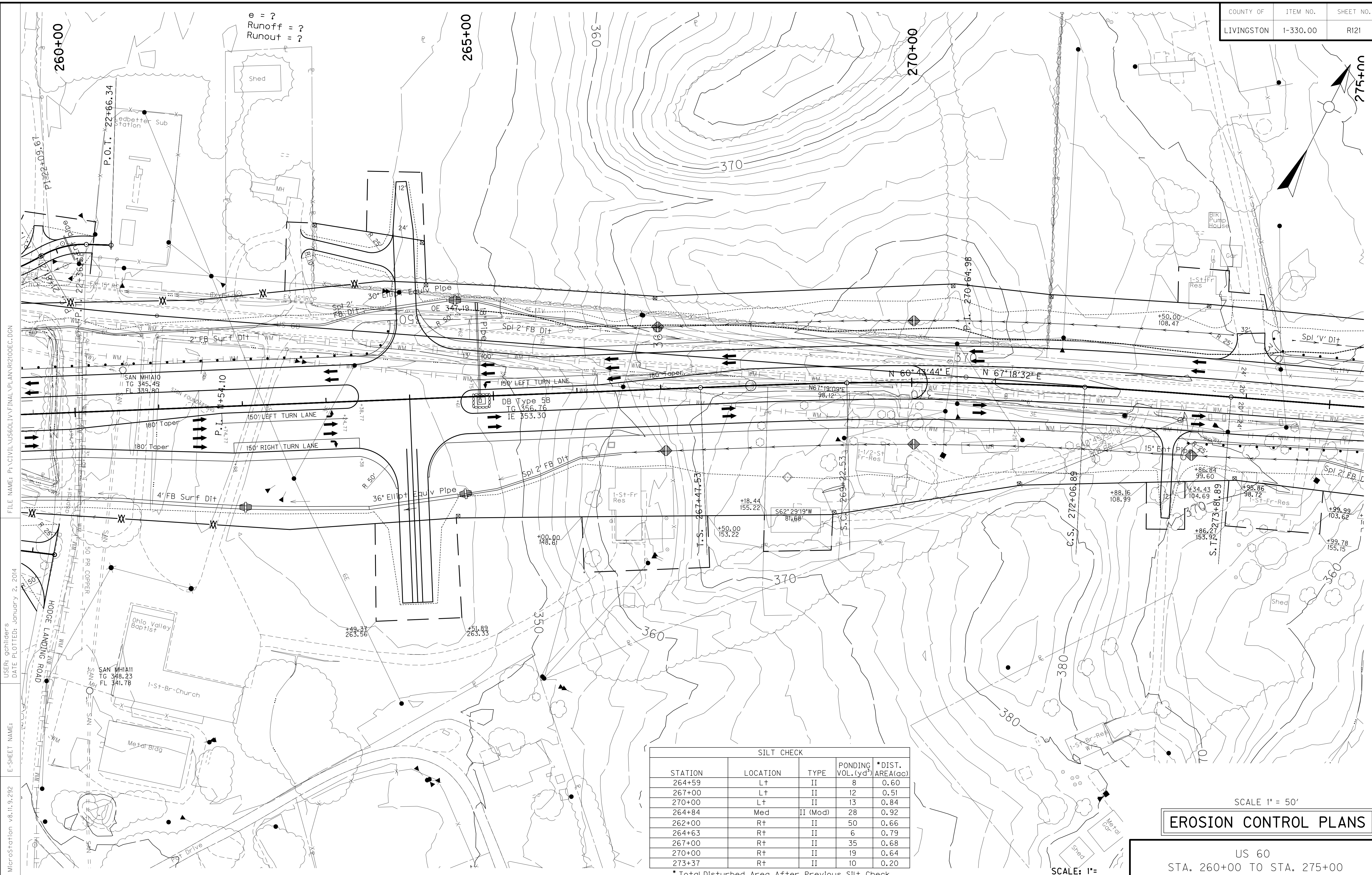
EROSION CONTROL PLANS

US 60
 STA. 245+00 TO STA. 260+00

SCALE: 1" =

SCALE 1" = 50'

*Total Disturbed Area After Previous Silt Check



FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12100EC.DGN
 USER: gchilider's
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL.(yd ³)	*DIST. AREA(ac)
264+59	L+	II	8	0.60
267+00	L+	II	12	0.51
270+00	L+	II	13	0.84
264+84	Med	II (Mod)	28	0.92
262+00	R+	II	50	0.66
264+63	R+	II	6	0.79
267+00	R+	II	35	0.68
270+00	R+	II	19	0.64
273+37	R+	II	10	0.20

* Total Disturbed Area After Previous Silt Check

SCALE 1" = 50'

EROSION CONTROL PLANS

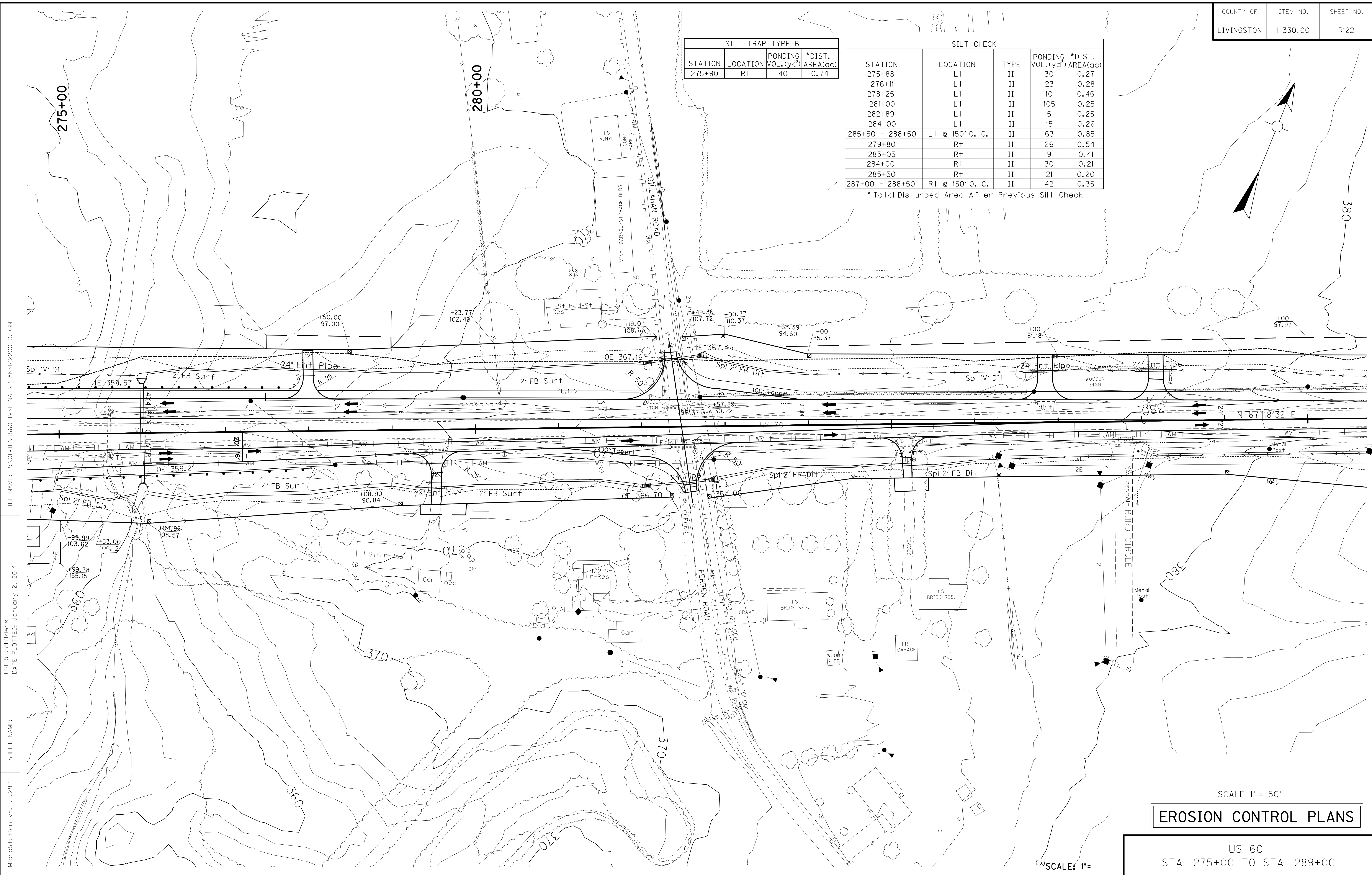
US 60
 STA. 260+00 TO STA. 275+00

SCALE: 1" =

SILT TRAP TYPE B			
STATION	LOCATION	PONDING VOL. (yd ³)	*DIST. AREA (ac)
275+90	RT	40	0.74

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
275+88	L+	II	30	0.27
276+11	L+	II	23	0.28
278+25	L+	II	10	0.46
281+00	L+	II	105	0.25
282+89	L+	II	5	0.25
284+00	L+	II	15	0.26
285+50 - 288+50	L+ @ 150' O. C.	II	63	0.85
279+80	R+	II	26	0.54
283+05	R+	II	9	0.41
284+00	R+	II	30	0.21
285+50	R+	II	21	0.20
287+00 - 288+50	R+ @ 150' O. C.	II	42	0.35

* Total Disturbed Area After Previous Silt Check



SCALE 1" = 50'
EROSION CONTROL PLANS

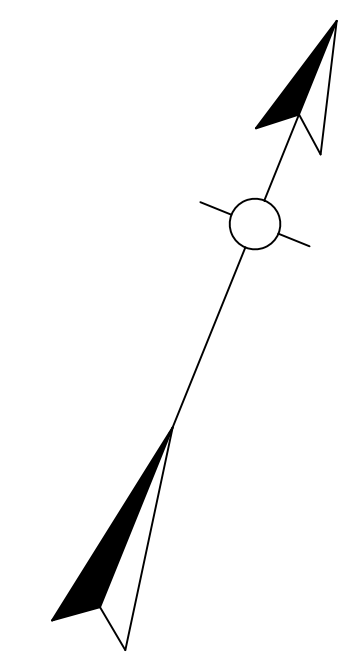
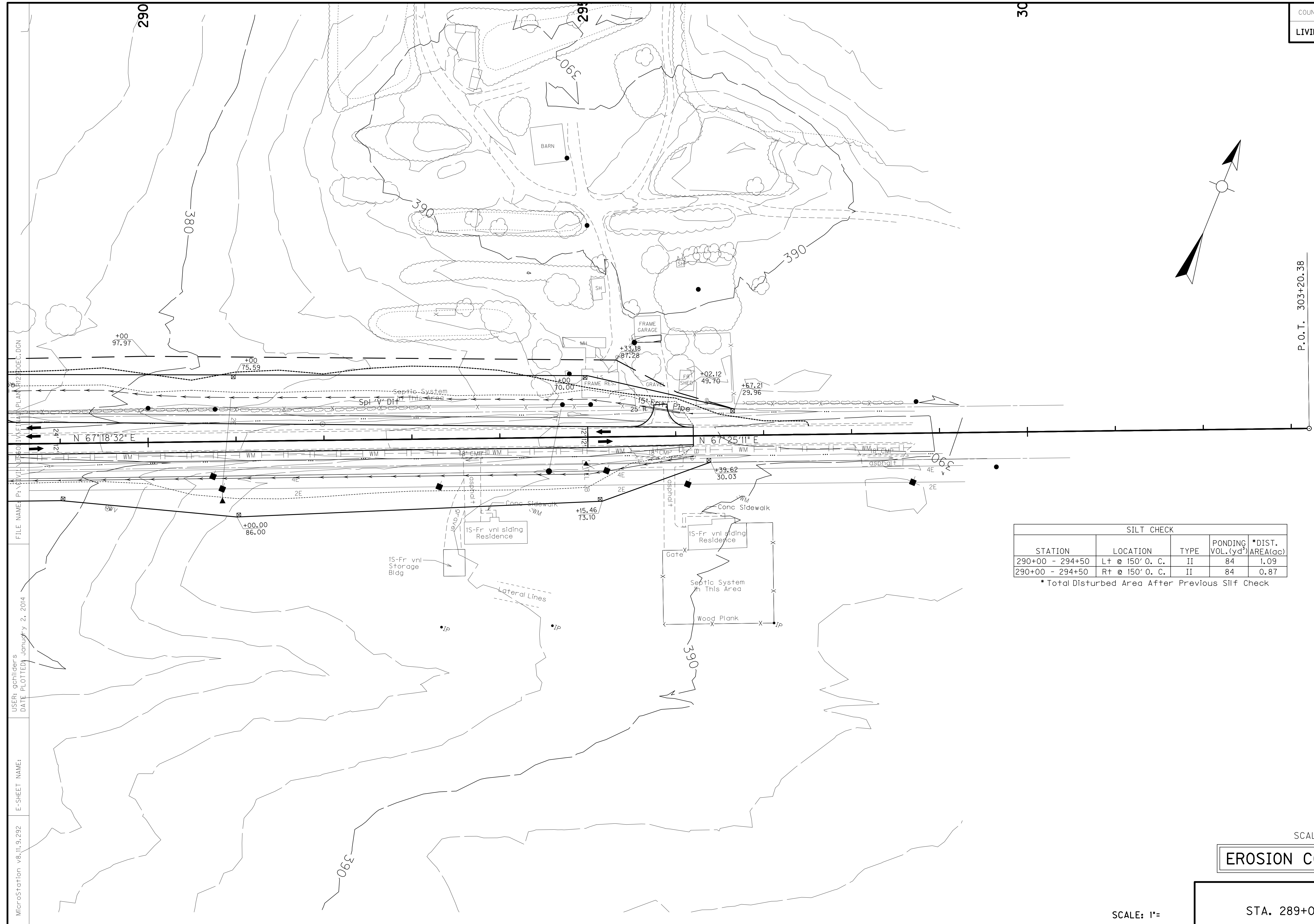
US 60
 STA. 275+00 TO STA. 289+00

SCALE: 1" =

FILE NAME: P:\CIVIL\US60\IV\FINAL\PLAN\R12200EC.DGN

USER: qchilider's
DATE PLOTTED: January 2, 2014

E-SHEET NAME:
MicroStation v8.11.9.292



P.O.T. 303+20.38

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL.(yd ³)	*DIST. AREA(ac)
290+00 - 294+50	L+ @ 150' O. C.	II	84	1.09
290+00 - 294+50	R+ @ 150' O. C.	II	84	0.87

* Total Disturbed Area After Previous Silf Check

SCALE 1" = 50'

EROSION CONTROL PLANS

US 60
STA. 289+00 TO STA. 296+20

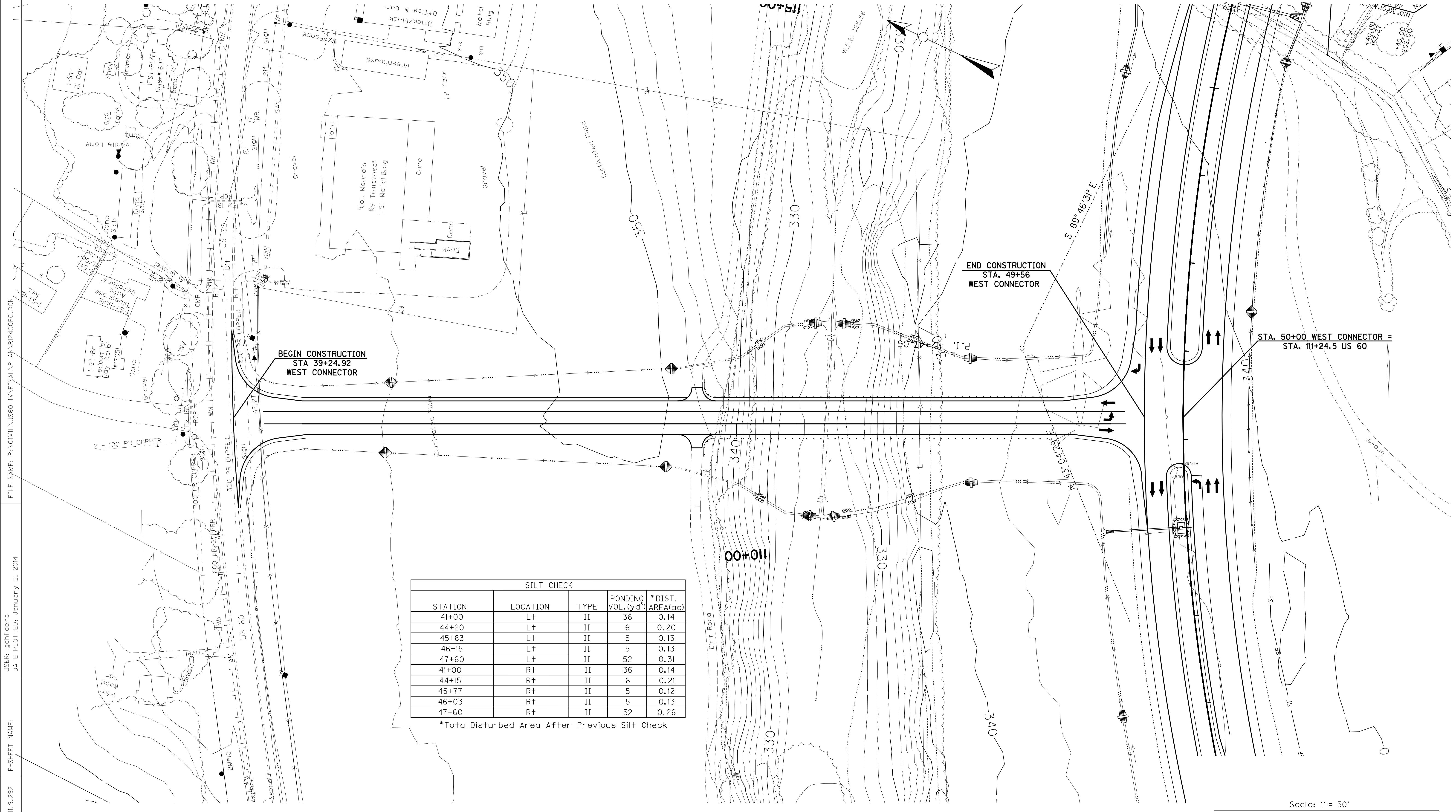
SCALE: 1" =

MicroStation v8.1i.9.292 E-SHEET NAME: USER: achilder DATE PLOTTED: January 2, 2014 FILE NAME: P:\CIVIL\PROJECTS\PLAN\RI23\DOC.DGN

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12400EC.DGN

USER: gchilider
DATE PLOTTED: January 2, 2014

E-SHEET NAME:
MicroStation v8.11.9.292



SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
41+00	L+	II	36	0.14
44+20	L+	II	6	0.20
45+83	L+	II	5	0.13
46+15	L+	II	5	0.13
47+60	L+	II	52	0.31
41+00	R+	II	36	0.14
44+15	R+	II	6	0.21
45+77	R+	II	5	0.12
46+03	R+	II	5	0.13
47+60	R+	II	52	0.26

*Total Disturbed Area After Previous Silt Check

Scale: 1" = 50'

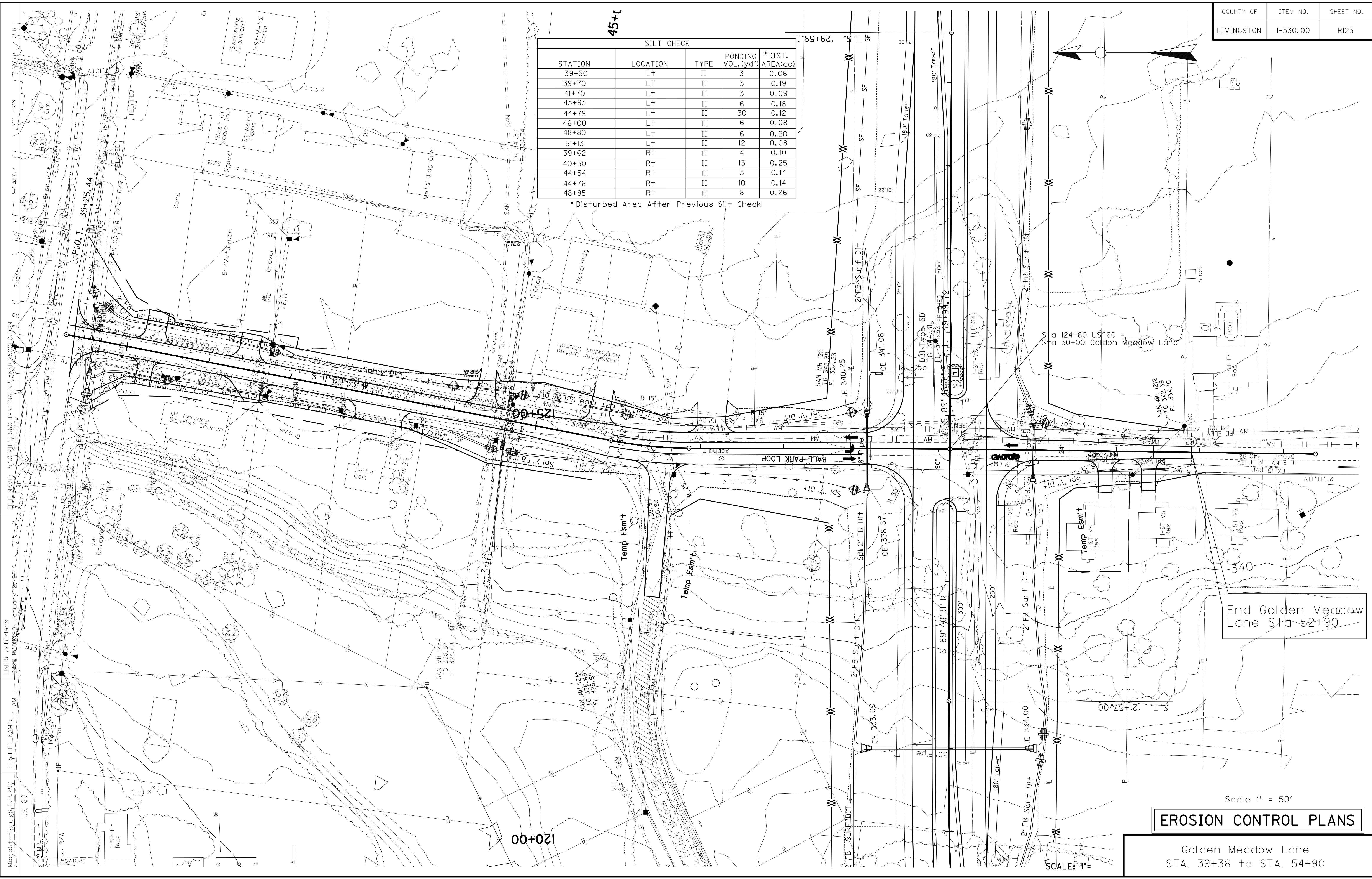
EROSION CONTROL PLANS

WEST CONNECTOR
STA. 35+25 TO STA. 50+00

SCALE: 1" =

SILT CHECK					
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)	
39+50	L+	II	3	0.06	
39+70	LT	II	3	0.19	
41+70	L+	II	3	0.09	
43+93	L+	II	6	0.18	
44+79	L+	II	30	0.12	
46+00	L+	II	6	0.08	
48+80	L+	II	6	0.20	
51+13	L+	II	12	0.08	
39+62	R+	II	4	0.10	
40+50	R+	II	13	0.25	
44+54	R+	II	3	0.14	
44+76	R+	II	10	0.14	
48+85	R+	II	8	0.26	

*Disturbed Area After Previous Silt Check



Scale 1" = 50'

EROSION CONTROL PLANS

Golden Meadow Lane
STA. 39+36 to STA. 54+90

ME: JST/BJC/WSB, 11.9.2012
E: SHEET NAME: WM
D: DATE REVISED: January 28, 2014
USER: qachtler's

120+00

45+00

39+25.44

End Golden Meadow Lane Sta 52+90

SCALE: 1" = 50'

SILT CHECK - RUDD SPEEDS RD

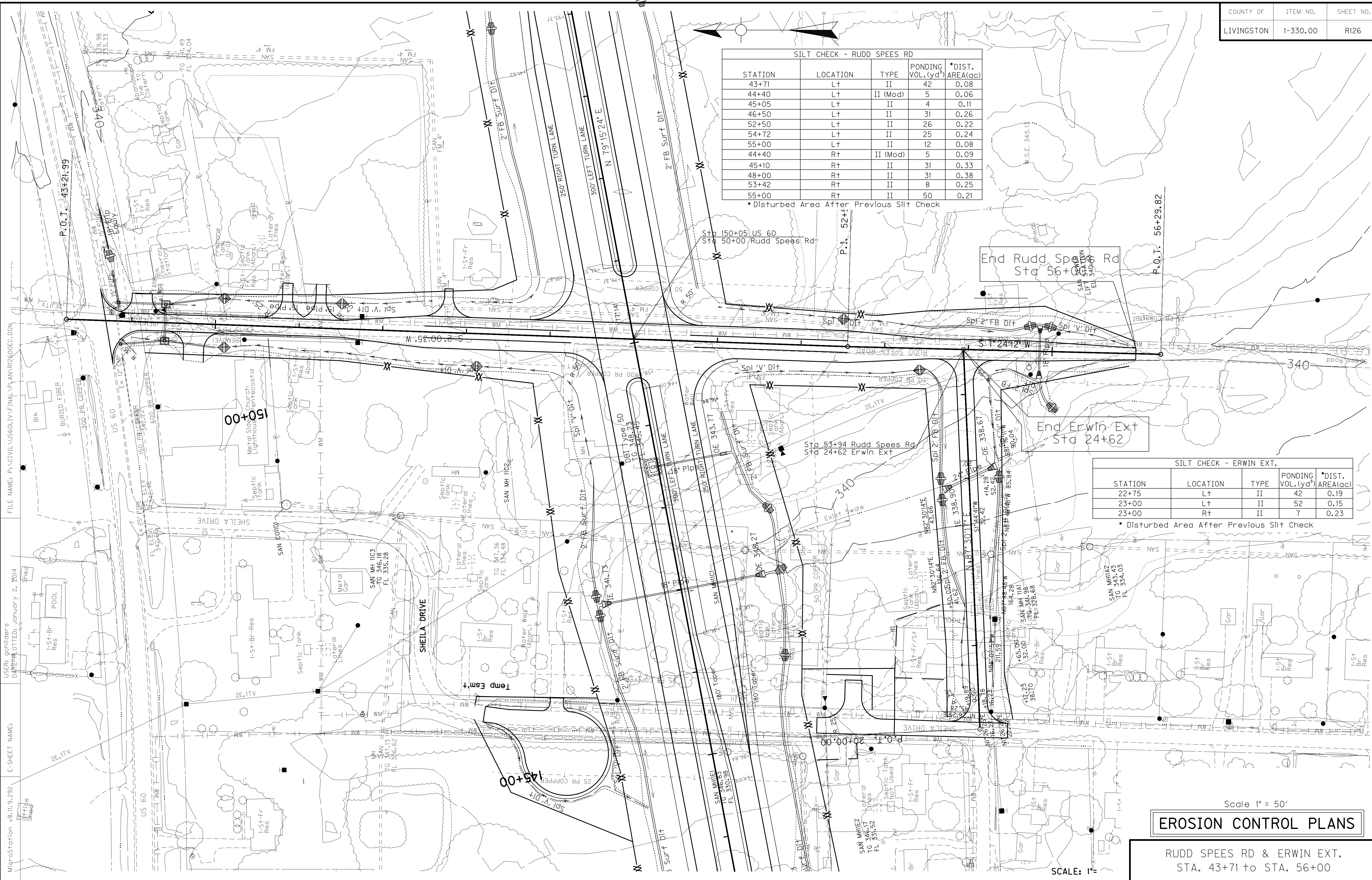
STATION	LOCATION	TYPE	PONDING VOL.(yd ³)	*DIST. AREA(ac)
43+71	L+	II	42	0.08
44+40	L+	II (Mod)	5	0.06
45+05	L+	II	4	0.11
46+50	L+	II	31	0.26
52+50	L+	II	26	0.22
54+72	L+	II	25	0.24
55+00	L+	II	12	0.08
44+40	R+	II (Mod)	5	0.09
45+10	R+	II	31	0.33
48+00	R+	II	31	0.38
53+42	R+	II	8	0.25
55+00	R+	II	50	0.21

*Disturbed Area After Previous Silt Check

SILT CHECK - ERWIN EXT.

STATION	LOCATION	TYPE	PONDING VOL.(yd ³)	*DIST. AREA(ac)
22+75	L+	II	42	0.19
23+00	L+	II	52	0.15
23+00	R+	II	7	0.23

*Disturbed Area After Previous Silt Check



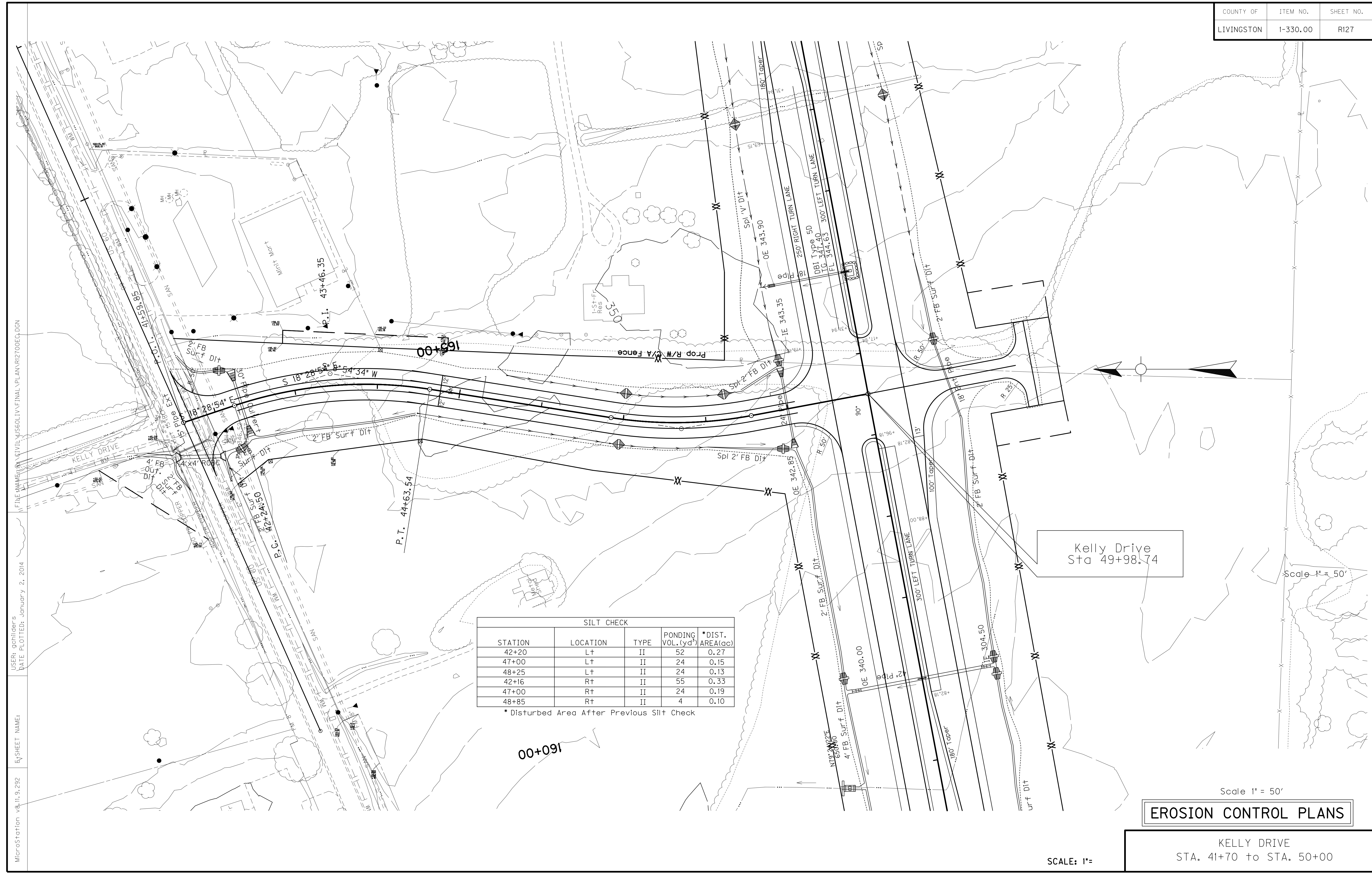
MicroStation v8.11.9.292
 E-SHEET NAME:
 Users: gchillers
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 FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12600EC.DGN
 DATE PLOTTED: January 2, 2014

Scale 1" = 50'

EROSION CONTROL PLANS

RUDD SPEEDS RD & ERWIN EXT.
 STA. 43+71 to STA. 56+00

SCALE: 1" =



MicroStation v8.11.9.292
 EYSHEET NAME:
 USER: qchilder's
 DATE PLOTTED: January 2, 2014
 FILE NAME: \\CIVIL\J5601\Y\FINAL\PLAN\R12700EQ.DGN

SILT CHECK				
STATION	LOCATION	TYPE	PONDING VOL. (yd ³)	*DIST. AREA (ac)
42+20	L+	II	52	0.27
47+00	L+	II	24	0.15
48+25	L+	II	24	0.13
42+16	R+	II	55	0.33
47+00	R+	II	24	0.19
48+85	R+	II	4	0.10

* Disturbed Area After Previous Silt Check

Kelly Drive
Sta 49+98.74

EROSION CONTROL PLANS

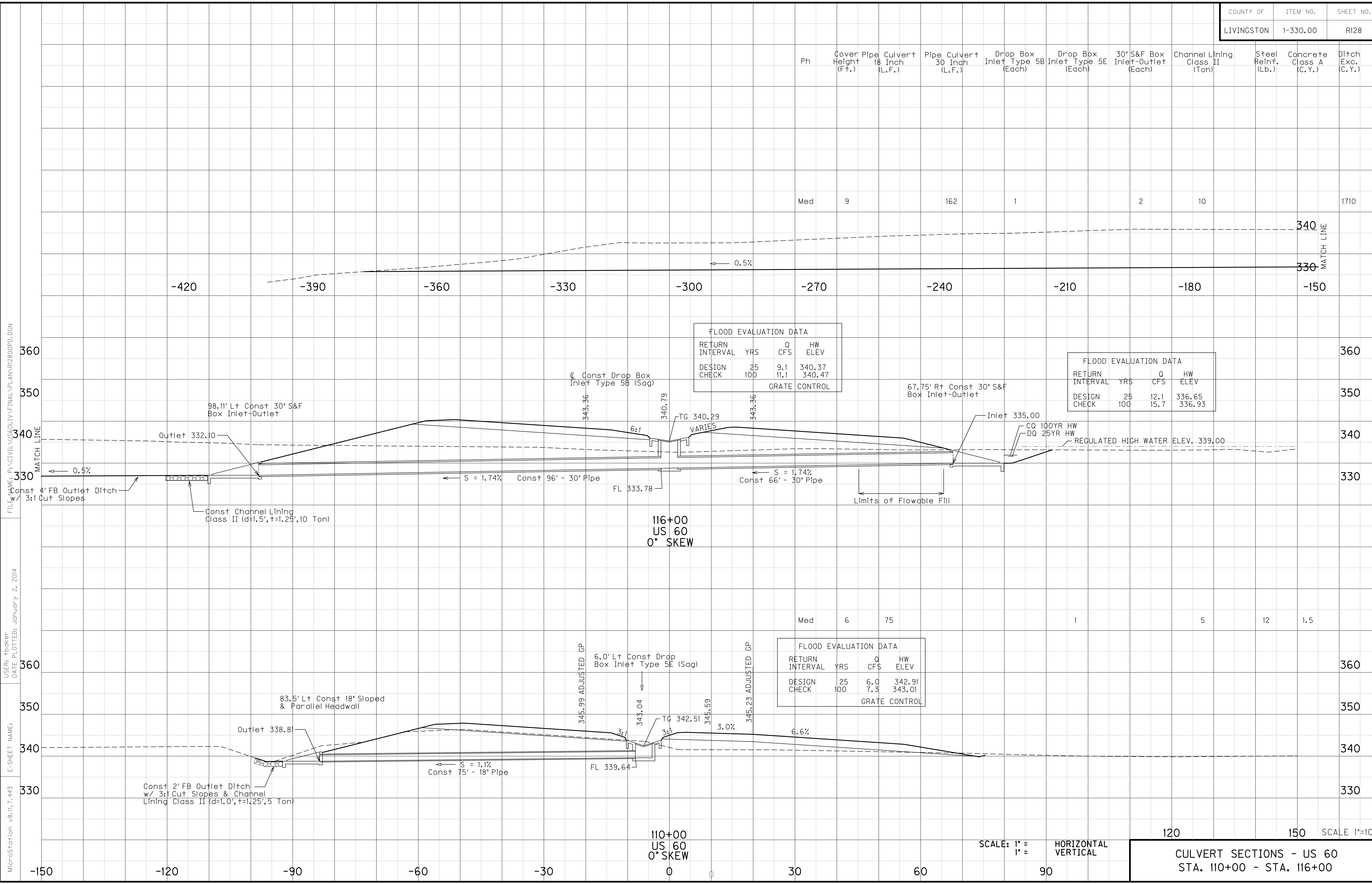
KELLY DRIVE
STA. 41+70 to STA. 50+00

SCALE: 1"=

Scale 1" = 50'

Scale 1" = 50'

Ph	Cover Pipe Height (Ft.)	Pipe Culvert 18 Inch (L.F.)	Pipe Culvert 30 Inch (L.F.)	Drop Box Inlet Type 5B (Each)	Drop Box Inlet Type 5E (Each)	30" S&F Box Inlet-Outlet (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
	9		162	1		2	10			1710



FLOOD EVALUATION DATA

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	9.1	340.37
CHECK	100	11.1	340.47

GRATE CONTROL

FLOOD EVALUATION DATA

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	12.1	336.65
CHECK	100	15.7	336.93

REGULATED HIGH WATER ELEV. 339.00

FLOOD EVALUATION DATA

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	6.0	342.91
CHECK	100	7.3	343.01

GRATE CONTROL

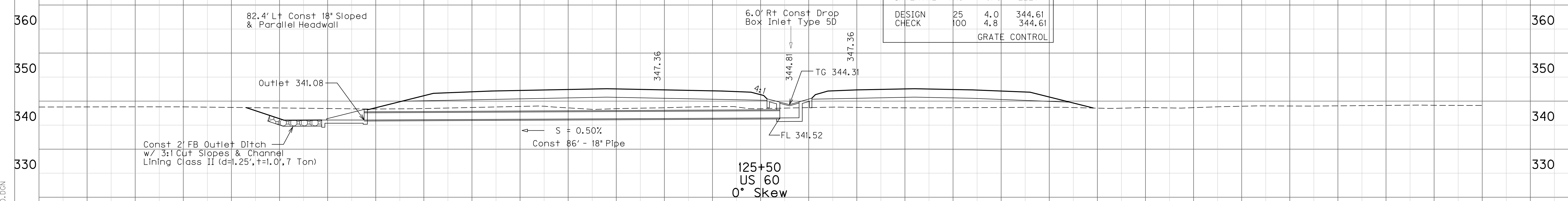
FILE NAME: P:\CIVIL\US60\IV\FINAL\PLAN\R12800PD.DGN
 USER: fbaker
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.7.443

120 150 SCALE 1"=10'

CULVERT SECTIONS - US 60
STA. 110+00 - STA. 116+00

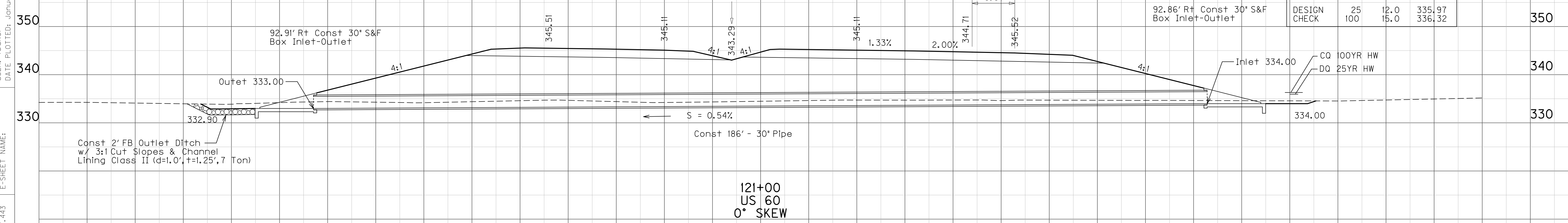
Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Pipe Culvert 30 Inch (L.F.)	30" S&F Box Inlet-Outlet (Each)	Drop Box Inlet Type 5D (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	3	86			1	7	12	1.5	1

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	4.0	344.61
	100	4.8	344.61
GRATE CONTROL			



Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Pipe Culvert 30 Inch (L.F.)	30" S&F Box Inlet-Outlet (Each)	Drop Box Inlet Type 5D (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	8		186	2		7			1

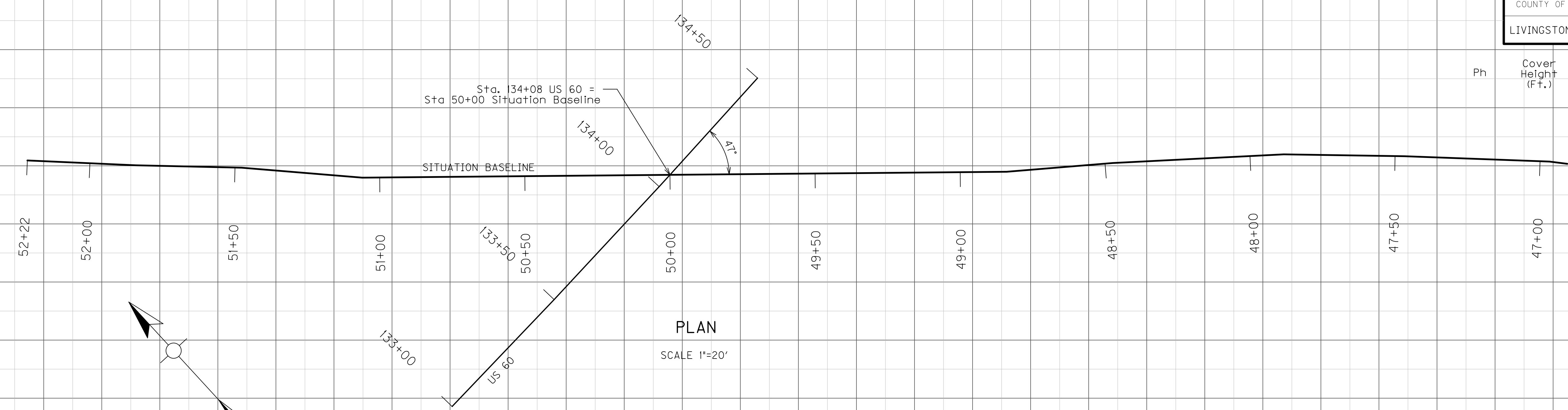
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	12.0	335.97
	100	15.0	336.32



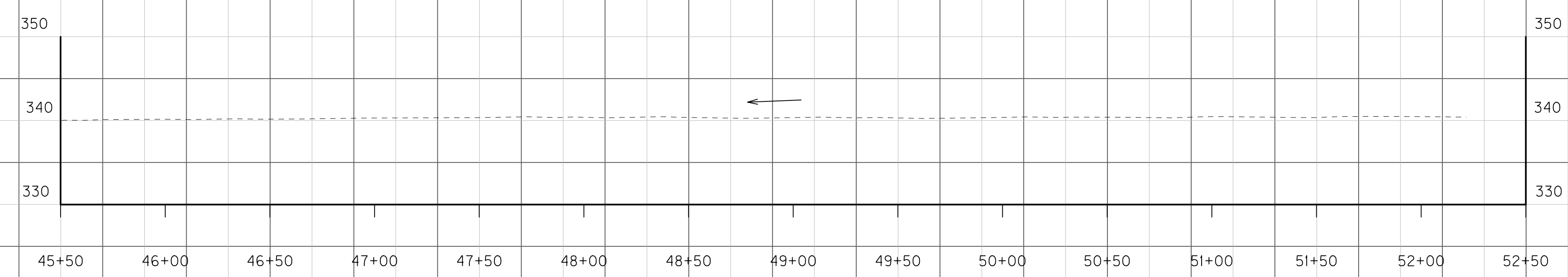
SCALE: 1" = 120' HORIZONTAL
 1" = 150' VERTICAL

120 150 SCALE 1"=10'
 CULVERT SECTIONS - US 60
 STA. 121+00 - STA. 125+50

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI2800PD.DGN
 USER: fbacker
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.7.443



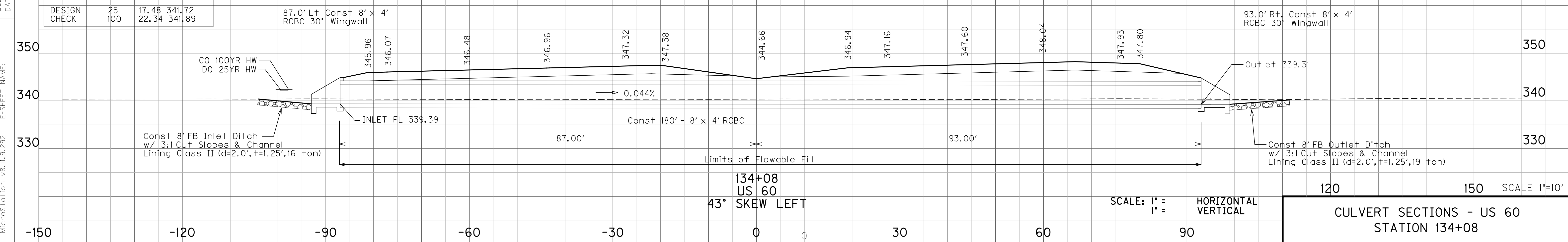
PLAN
SCALE 1"=20'



PROFILE
SCALE 1"=10' V
1"=40' H

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	17.48	341.72
CHECK	100	22.34	341.89

Med 0.5 35 2



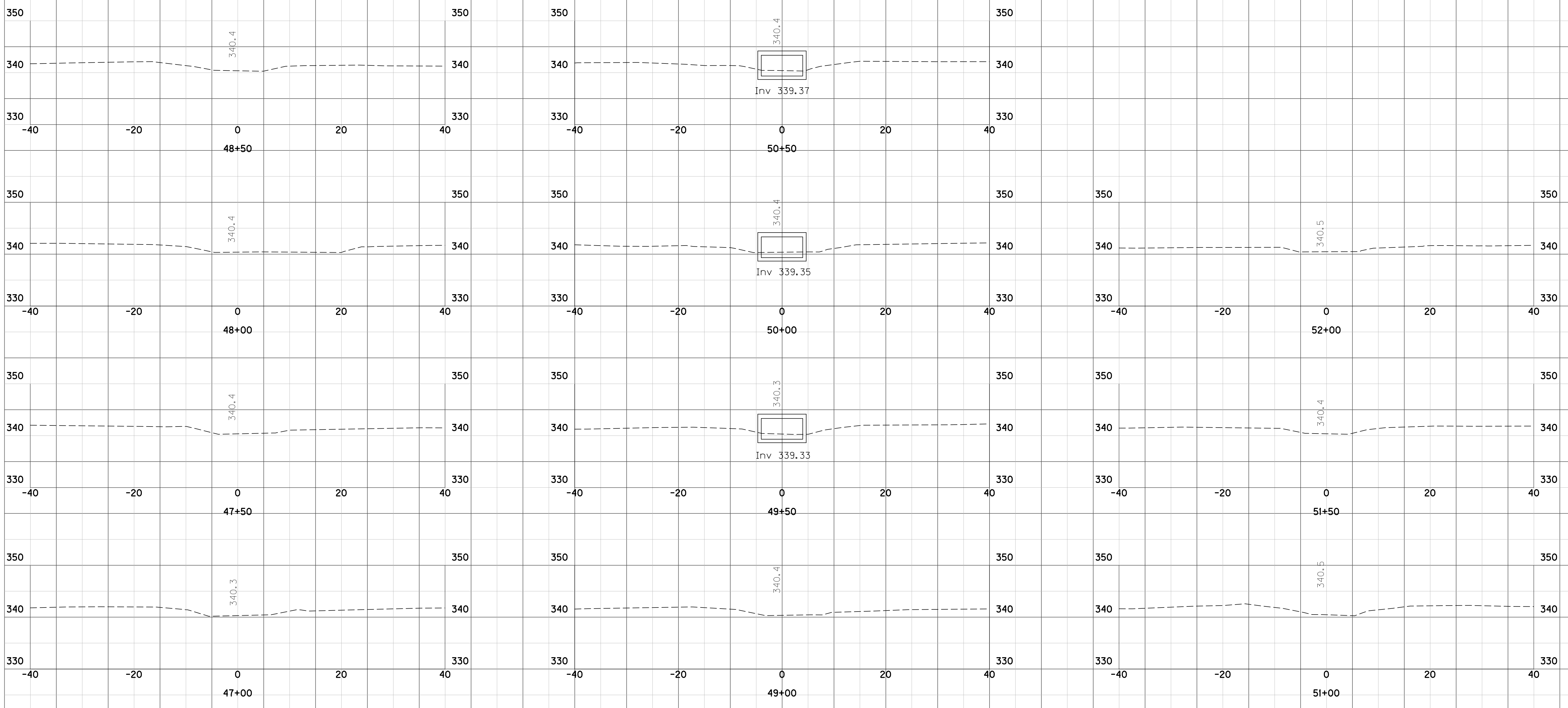
134+08
US 60
43° SKEW LEFT

SCALE: 1" = 120
1" = 150
HORIZONTAL
VERTICAL

CULVERT SECTIONS - US 60
STATION 134+08

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

FILE NAME: F:\CIVIL\US60LIV\FINAL\PLAN\R12800PD.DGN
 USER: gchilider
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292



CHANNEL SECTIONS

SCALE 1"=10'

SCALE: 1" = HORIZONTAL
 1" = VERTICAL

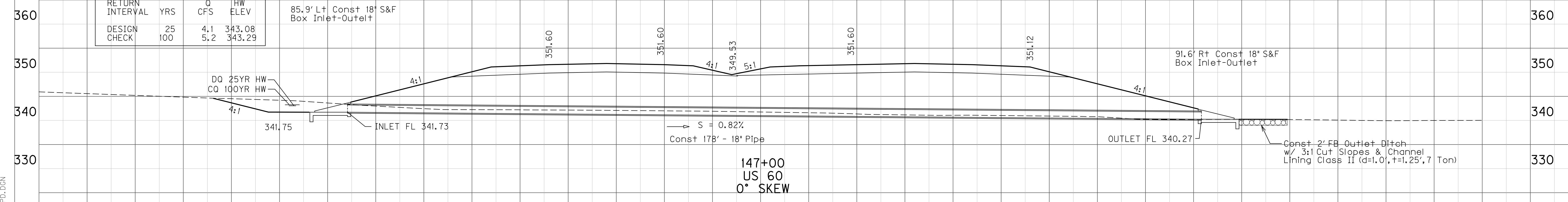
CULVERT SECTIONS - US 60
 STATION 134+08

3
3
3

Ph	Cover Height (Ft.)	Pipe Culvert 18 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	18" S&F Box Inlet-Outlet (Each)	24" S&F Box Inlet-Outlet (Each)	Drop Box Inlet Type 5E (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	8	178		2			7			2

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	4.1	343.08
	100	5.2	343.29

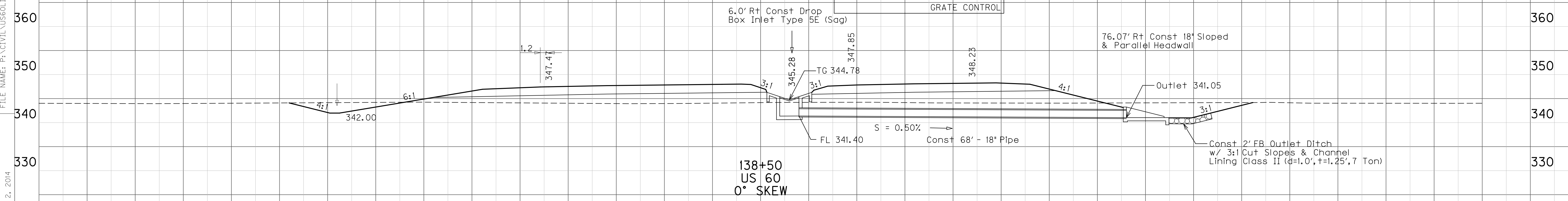
85.9' Lt Const 18" S&F Box Inlet-Outlet



RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	6.8	345.18
	100	8.2	345.28

GRATE CONTROL

6.0' Rt Const Drop Box Inlet Type 5E (Sag)



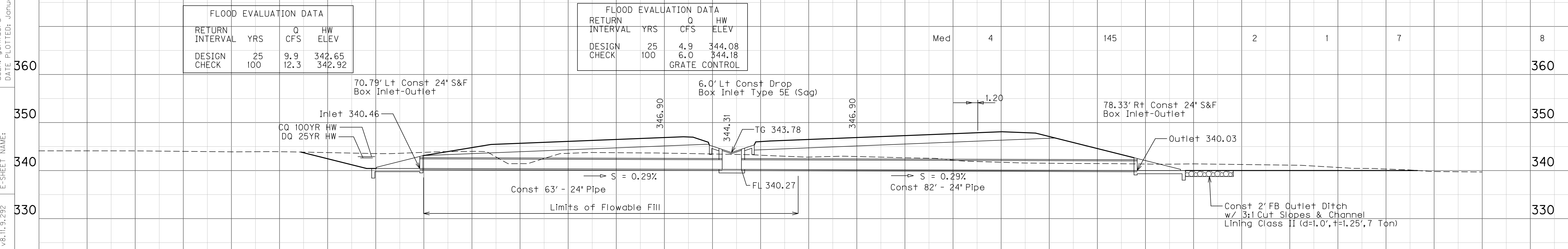
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	9.9	342.65
	100	12.3	342.92

70.79' Lt Const 24" S&F Box Inlet-Outlet

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	4.9	344.08
	100	6.0	344.18

GRATE CONTROL

6.0' Lt Const Drop Box Inlet Type 5E (Sag)



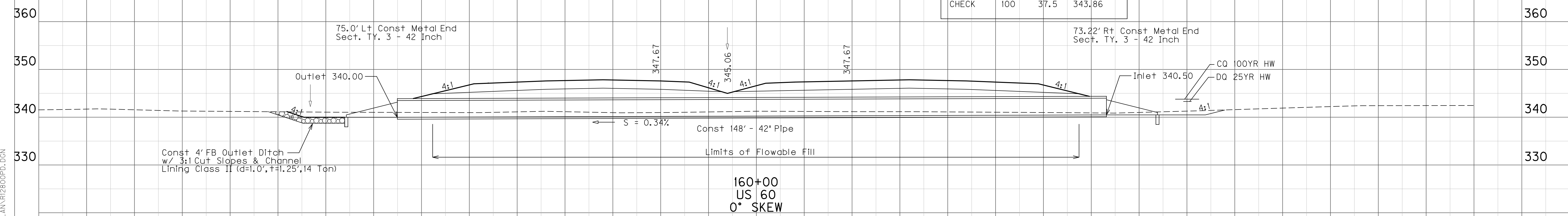
SCALE: 1" = 120' HORIZONTAL
1" = 150' VERTICAL

CULVERT SECTIONS - US 60
STA. 135+50 - STA. 138+50 - STA. 147+00

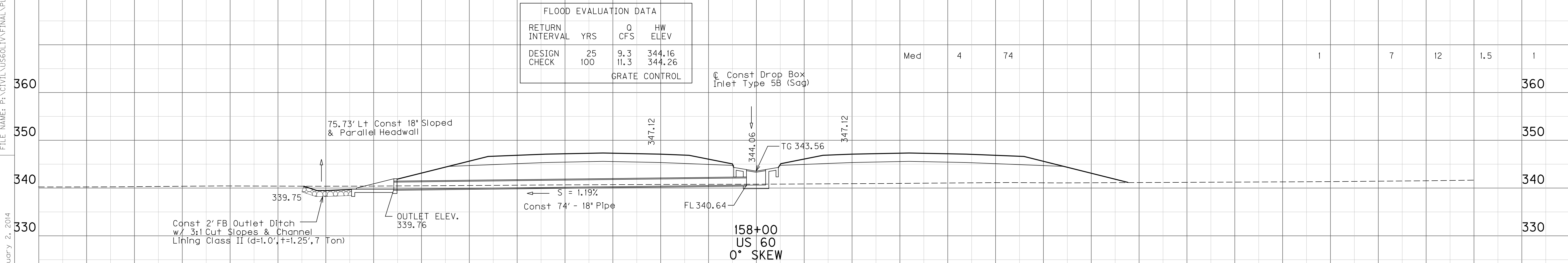
FILE NAME: P:\CIVIL\US60\LV\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Pipe Culvert 42 Inch (L.F.)	Metal End Sect. TY. 3 - 42 Inch (Each)	Drop Box Inlet Type 5D (Each)	Drop Box Inlet Type 5B (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	2		148	2			13			2

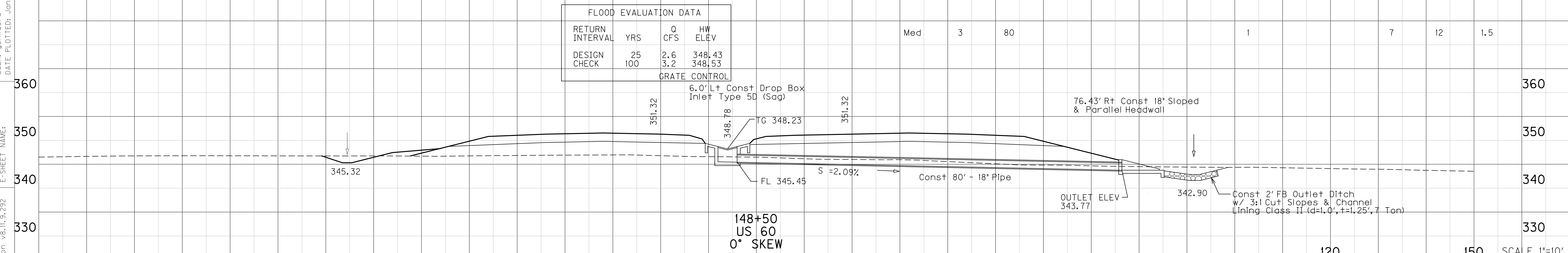
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	29.4	343.38
CHECK	100	37.5	343.86



Med	4	74	1	7	12	1.5	1
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Med	3	80	1	7	12	1.5
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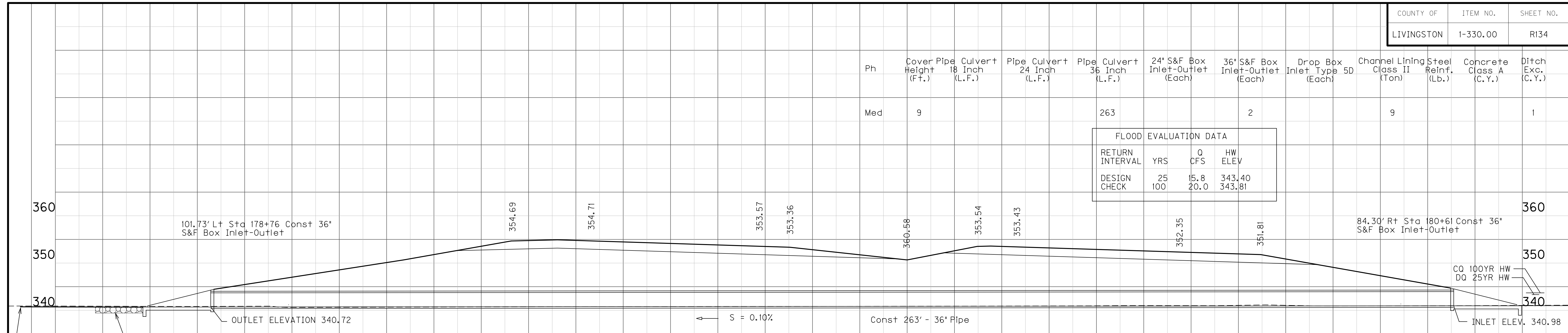
SCALE: 1" = 120' HORIZONTAL
1" = 150' VERTICAL

CULVERT SECTIONS - US 60
STA. 148+50 - STA. 158+00 - STA. 160+00

FILE NAME: P:\CIVIL\US60\IV\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME: MicroStation v8.11.9.292

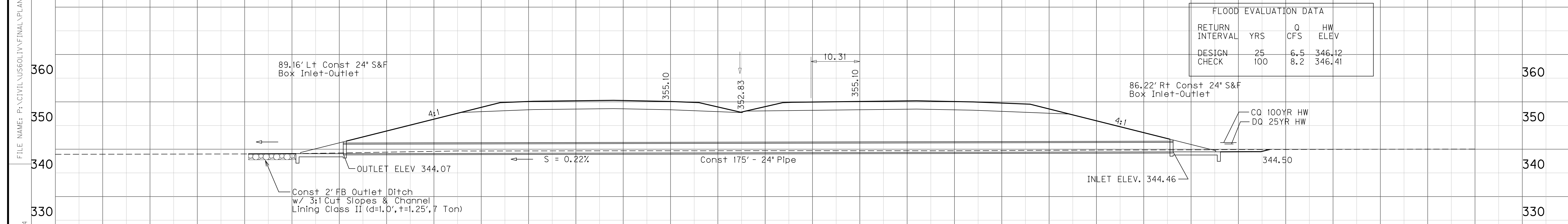
Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	Pipe Culvert 36 Inch (L.F.)	24" S&F Box Inlet-Outlet (Each)	36" S&F Box Inlet-Outlet (Each)	Drop Box Inlet Type 5D (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	9			263		2		9			1

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	15.8	343.40
	100	20.0	343.81



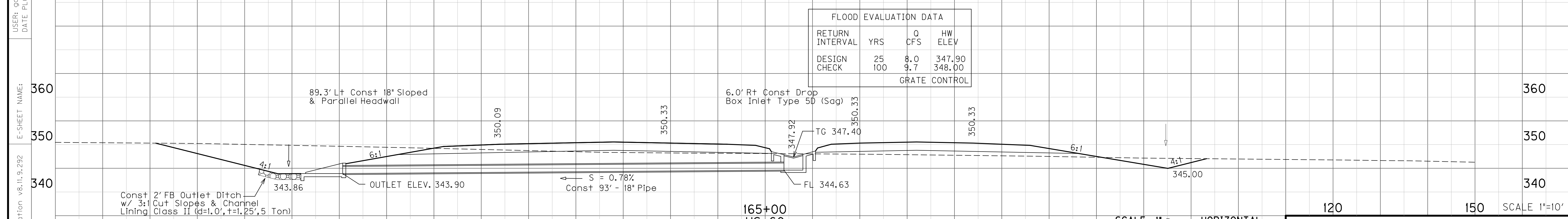
Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	Pipe Culvert 36 Inch (L.F.)	24" S&F Box Inlet-Outlet (Each)	36" S&F Box Inlet-Outlet (Each)	Drop Box Inlet Type 5D (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	7		175		2			7			

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	6.5	346.12
	100	8.2	346.41



Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	Pipe Culvert 36 Inch (L.F.)	24" S&F Box Inlet-Outlet (Each)	36" S&F Box Inlet-Outlet (Each)	Drop Box Inlet Type 5D (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	3	93						1	5	12	1.5

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	8.0	347.90
	100	9.7	348.00



Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	Pipe Culvert 36 Inch (L.F.)	24" S&F Box Inlet-Outlet (Each)	36" S&F Box Inlet-Outlet (Each)	Drop Box Inlet Type 5D (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med											

SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

CULVERT SECTIONS - US 60
STA. 165+00 - STA. 174+50 - STA. 179+74

FILE NAME: P:\CIVIL\US60\LV\FINAL\PLAN\17800PD.pgn
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME: MicroStation v8.11.9.292

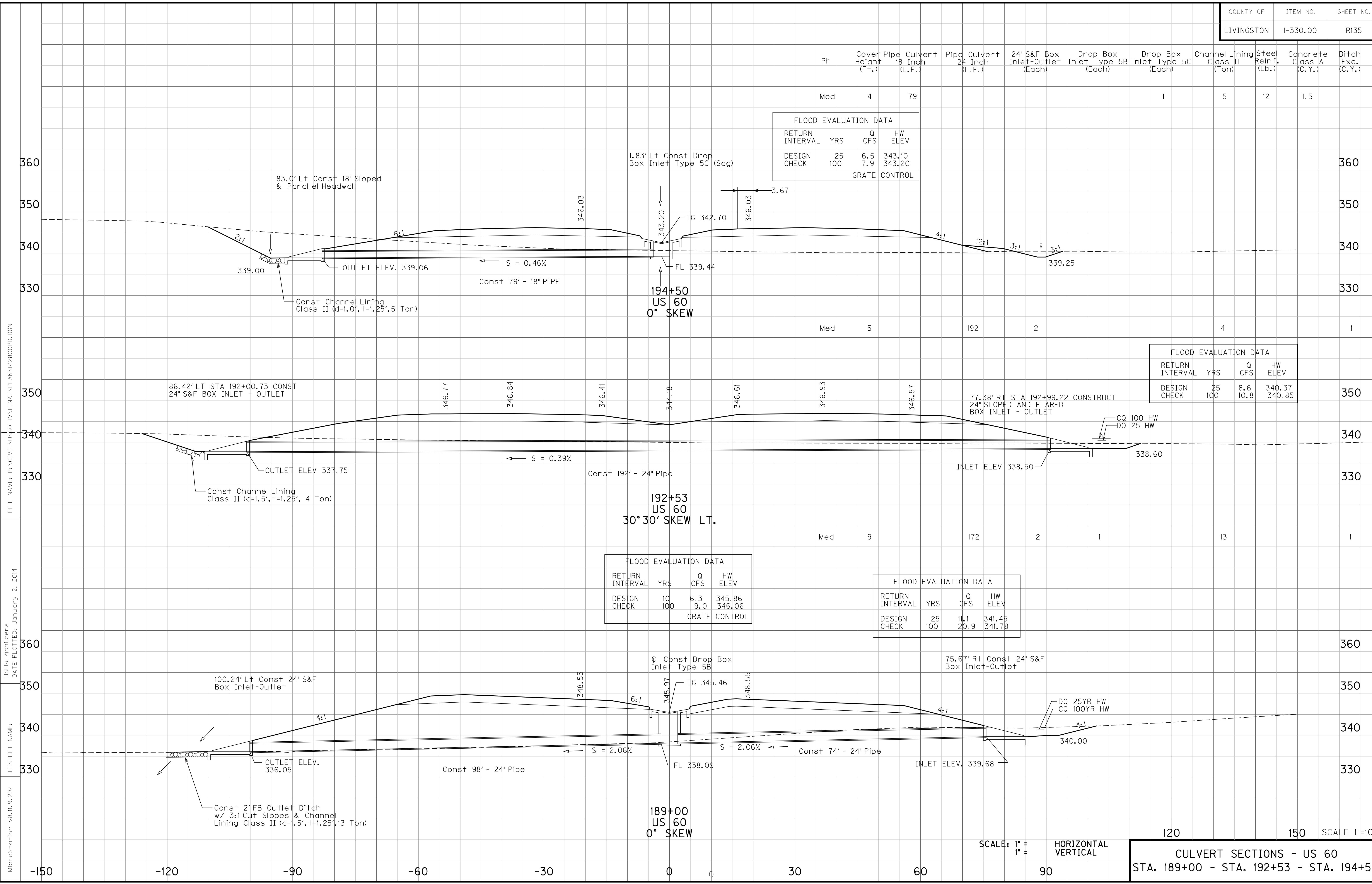
Ph	Cover Height (Ft.)	Pipe Culvert 18 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	24' S&F Box Inlet-Outlet (Each)	Drop Box Inlet Type 5B (Each)	Drop Box Inlet Type 5C (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	4	79				1	5	12	1.5	

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	6.5	343.10
CHECK	100	7.9	343.20
GRATE CONTROL			

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	8.6	340.37
CHECK	100	10.8	340.85

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	10	6.3	345.86
CHECK	100	9.0	346.06
GRATE CONTROL			

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	11.1	341.45
CHECK	100	20.9	341.78



FILE NAME: P:\CIVIL\USPOLY\FINAL\PLAN\RI2800PD.DGN

USER: gchillers DATE PLOTTED: January 2, 2014

E-SHEET NAME:

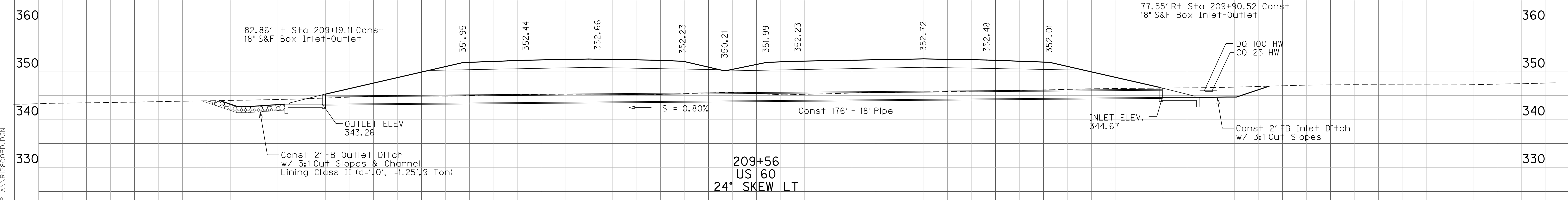
MicroStation v8.11.9.292

SCALE: 1" = 120' HORIZONTAL
1" = 150' VERTICAL

120 150 SCALE 1"=10'
CULVERT SECTIONS - US 60
STA. 189+00 - STA. 192+53 - STA. 194+50

Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	Drop Box Inlet Type 5B (Each)	Drop Box Inlet Type 5E (Each)	18" S&F Box Inlet-Outlet (Each)	24" S&F Box Inlet-Outlet (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	5	176				2		9			2

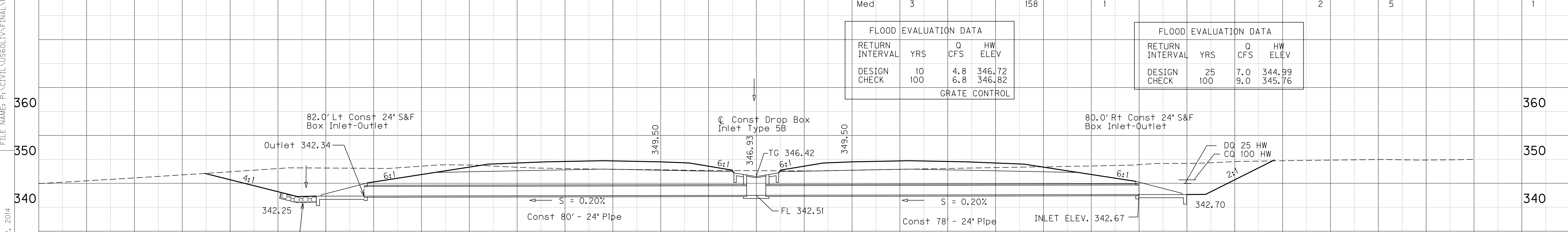
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	3.5	345.88
	100	4.5	346.07



RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	10	4.8	346.72
	100	6.8	346.82

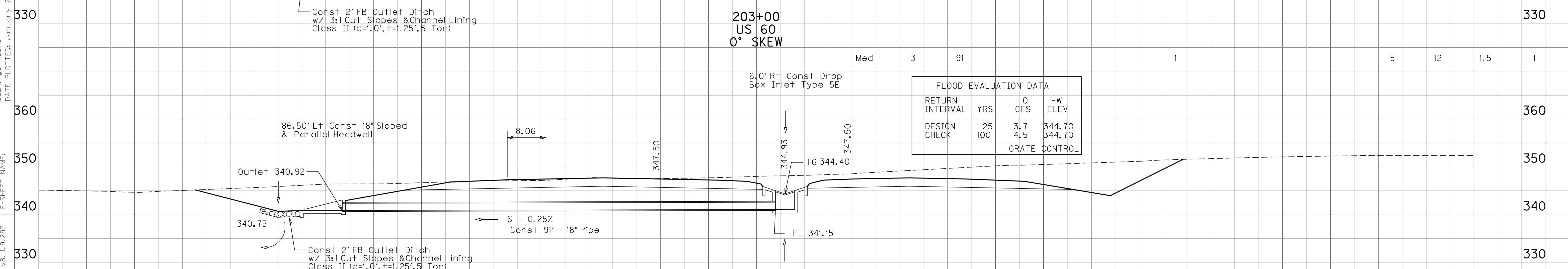
GRATE CONTROL

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	7.0	344.99
	100	9.0	345.76



RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	3.7	344.70
	100	4.5	344.70

GRATE CONTROL



SCALE: 1" = 120'
1" = 150' HORIZONTAL
1" = 10' VERTICAL

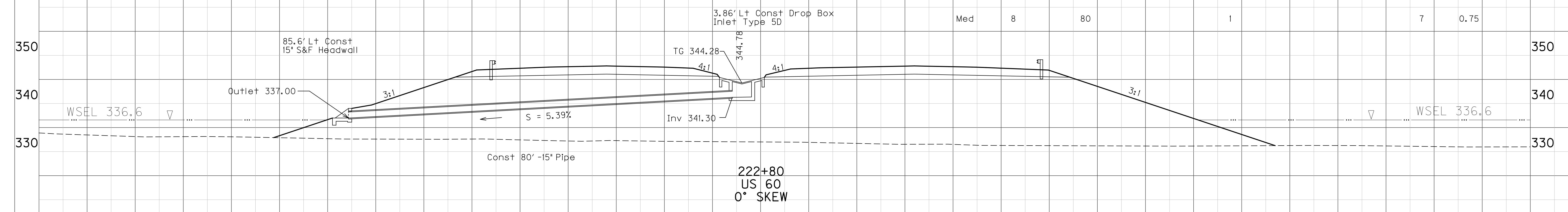
120 150 SCALE 1"=10'
CULVERT SECTIONS - US 60
STA 199+00 - STA 203+00 - STA 209+56

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME: MicroStation v8.11.9.292

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	10	1.8	344.48
CHECK	100	2.6	344.48

GRATE CONTROL

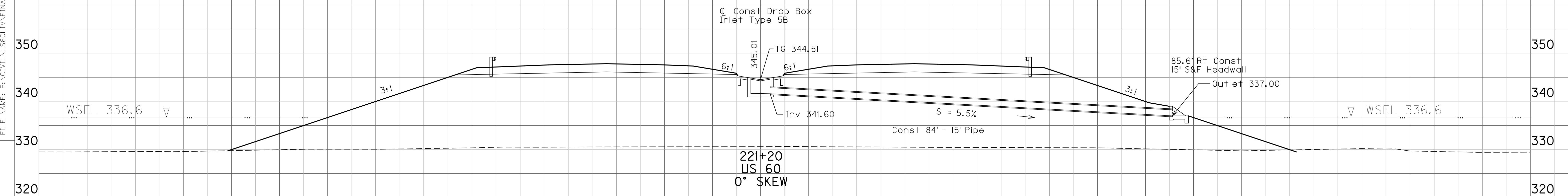
Ph	Cover Height (Ft.)	Pipe Culvert 15 Inch (L.F.)	Pipe Culvert 18 Inch (L.F.)	Drop Box Inlet Type 5D (Each)	Drop Box Inlet Type 5B (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	8	80		1			7	0.75	



FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	10	1.7	344.71
CHECK	100	2.4	344.71

GRATE CONTROL

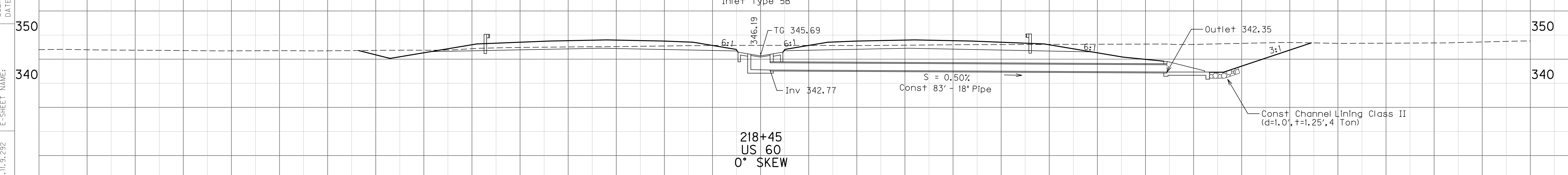
Ph	Cover Height (Ft.)	Pipe Culvert 15 Inch (L.F.)	Pipe Culvert 18 Inch (L.F.)	Drop Box Inlet Type 5D (Each)	Drop Box Inlet Type 5B (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	7	84			1		7	0.75	



FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	10	4.7	346.09
CHECK	100	6.8	346.19

GRATE CONTROL

Ph	Cover Height (Ft.)	Pipe Culvert 15 Inch (L.F.)	Pipe Culvert 18 Inch (L.F.)	Drop Box Inlet Type 5D (Each)	Drop Box Inlet Type 5B (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	4		84			4	12	1.50	1



SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

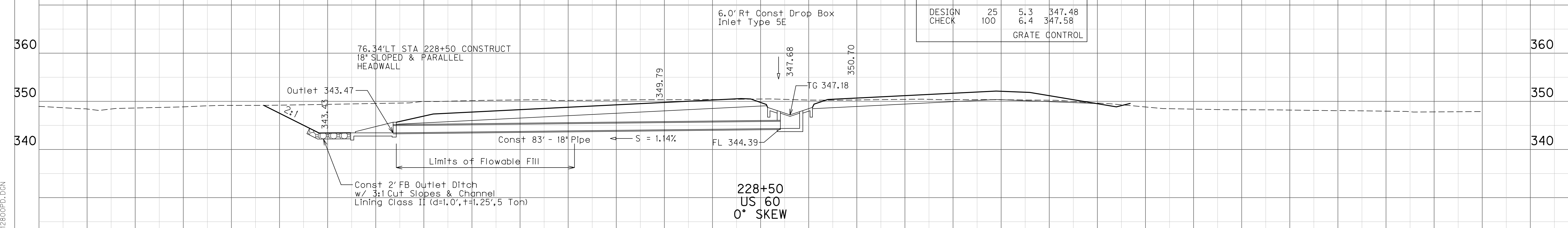
120 150 SCALE 1"=10'

CULVERT SECTIONS - US 60
STA. 218+45 - STA. 221+20
STA. 222+80

FILE NAME: P:\CIVIL\US60\IV\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

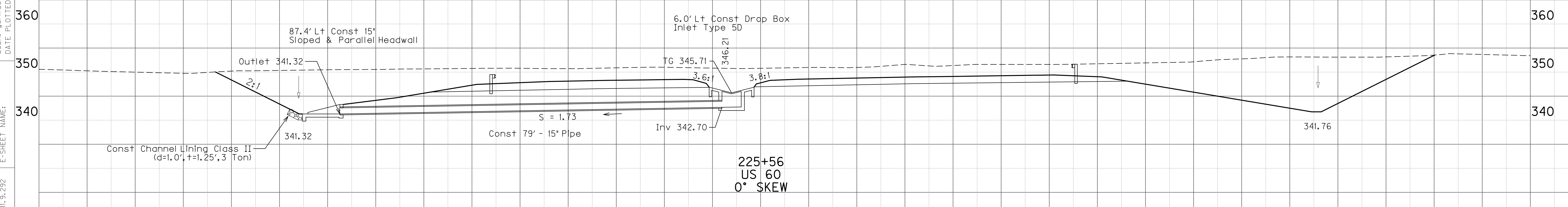
Ph	Cover Height (Ft.)	Pipe Culvert 15 Inch (L.F.)	Pipe Culvert 18 Inch (L.F.)	Drop Box Inlet Type 5D (Each)	Drop Box Inlet Type 5E (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	3		83		1	5	12	1.5	1

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	5.3	347.48
CHECK	100	6.4	347.58
GRATE CONTROL			



RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	10	2.2	345.91
CHECK	100	3.0	346.01
GRATE CONTROL			

Ph	Cover Height (Ft.)	Pipe Culvert 15 Inch (L.F.)	Pipe Culvert 18 Inch (L.F.)	Drop Box Inlet Type 5D (Each)	Drop Box Inlet Type 5E (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	5		80		1	3	12	1.2	



SCALE: 1" = 120' HORIZONTAL
 1" = 150' VERTICAL

CULVERT SECTIONS - US 60
 STA. 225+56 - STA. 228+50

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	5.9	346.69
	100	7.1	346.98

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	10	2.6	351.12
	100	3.7	351.22

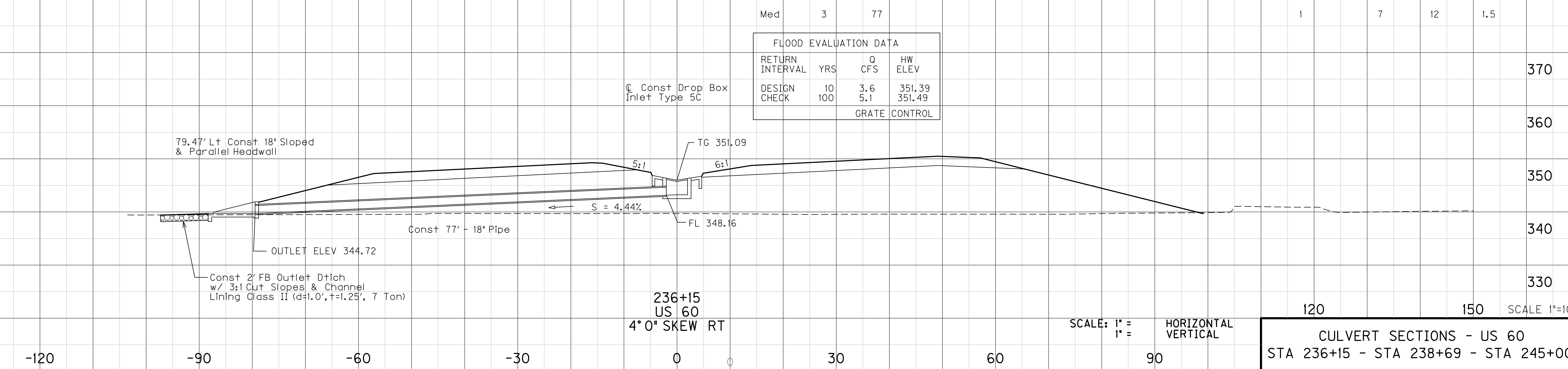
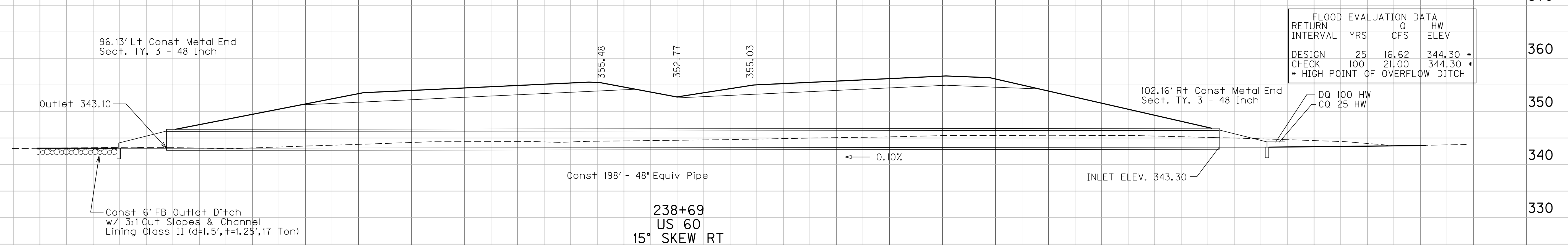
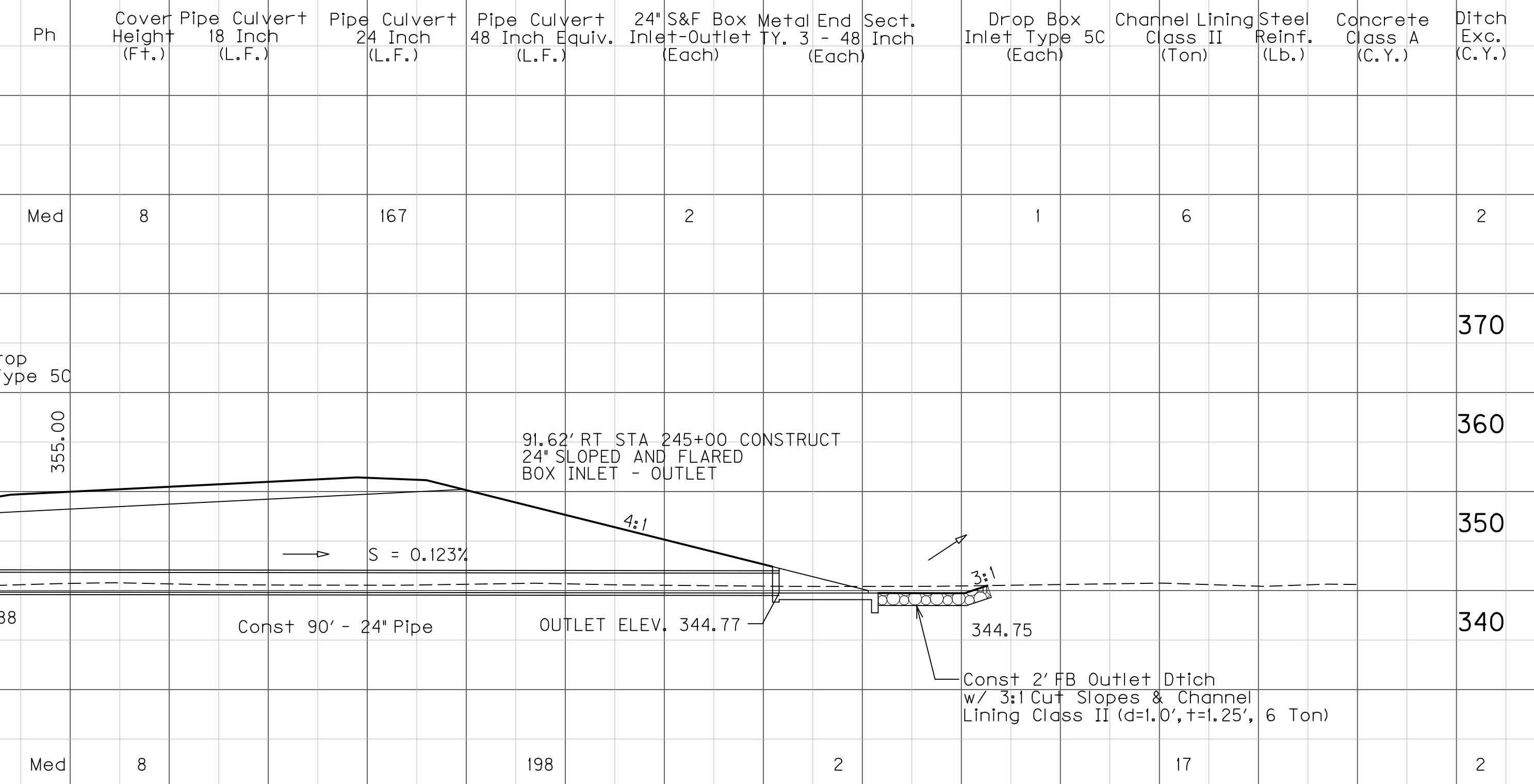
GRATE CONTROL

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	16.62	344.30
	100	21.00	344.30

* HIGH POINT OF OVERFLOW DITCH

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	10	3.6	351.39
	100	5.1	351.49

GRATE CONTROL



FILE NAME: P:\CIVIL\US60\LV\FINAL\PLAN\R12800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME: MicroStation v8.11.9.292

SCALE: 1" = 120' HORIZONTAL
 1" = 150' VERTICAL

CULVERT SECTIONS - US 60
 STA 236+15 - STA 238+69 - STA 245+00

Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Drop Box Inlet Type 5B (Each)	Drop Box Inlet Type 5D (Each)	Drop Box Inlet Type 5E (Each)	Channel Lining Class II (Ton)	Steel Reinf. (Lb.)	Concrete Class A (C.Y.)	Ditch Exc. (C.Y.)
Med	6	107	1			6	12	1.5	

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	10	6.4	357.16
CHECK	100	9.2	357.36

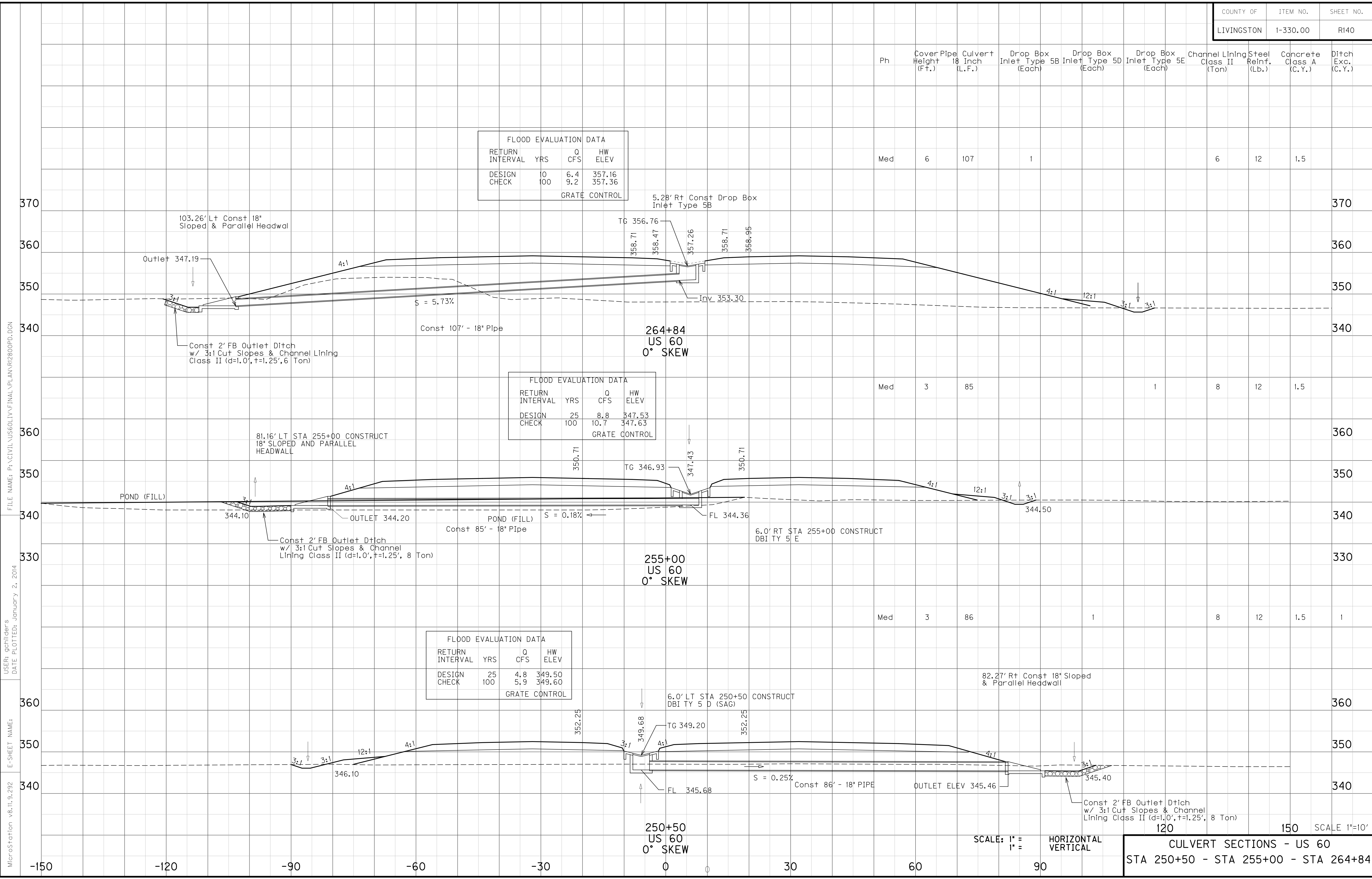
GRATE CONTROL

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	8.8	347.53
CHECK	100	10.7	347.63

GRATE CONTROL

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	4.8	349.50
CHECK	100	5.9	349.60

GRATE CONTROL

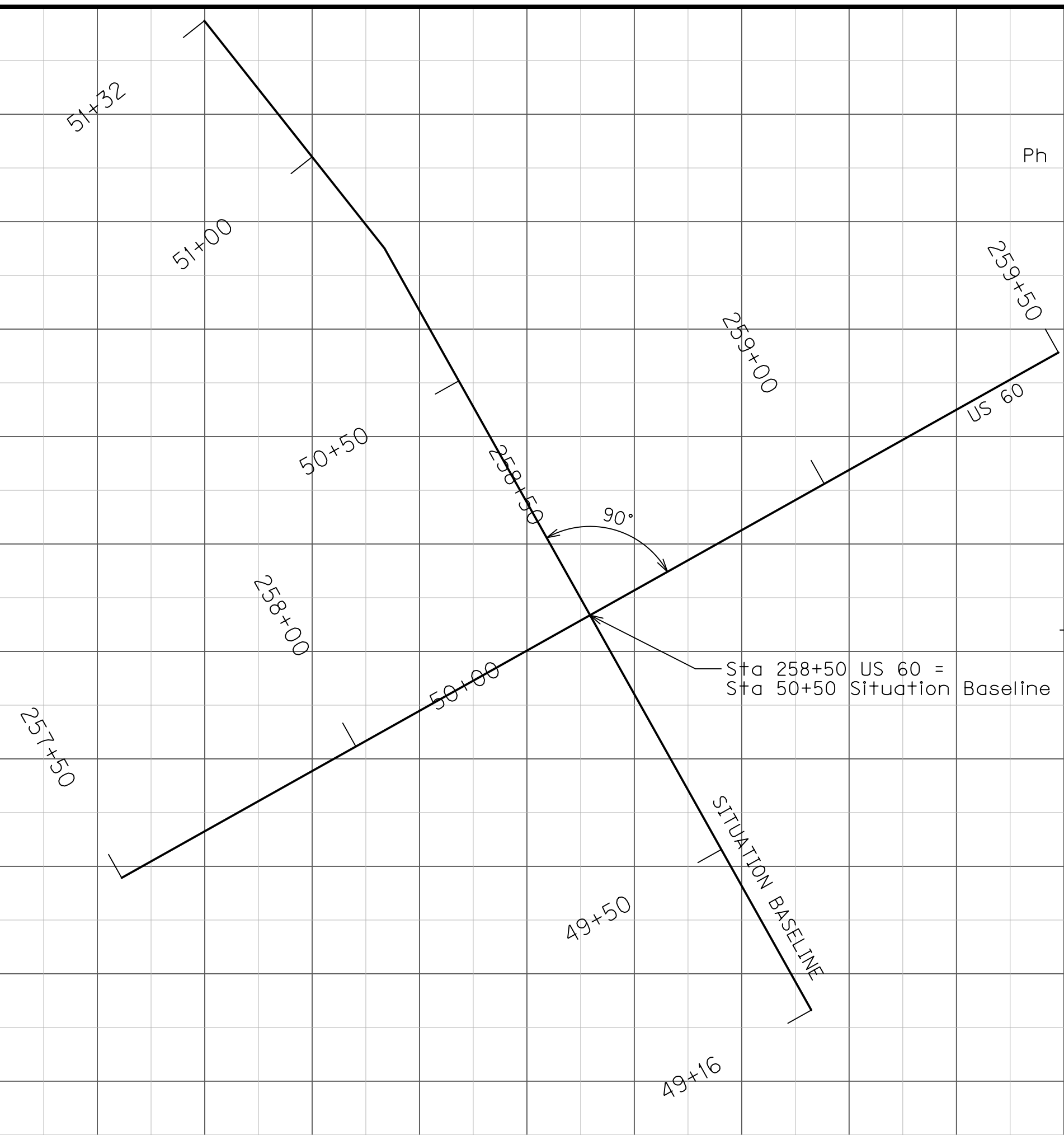


FILE NAME: P:\CIVIL\US60\14\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

SCALE: 1" = 120' HORIZONTAL
 1" = 150' VERTICAL

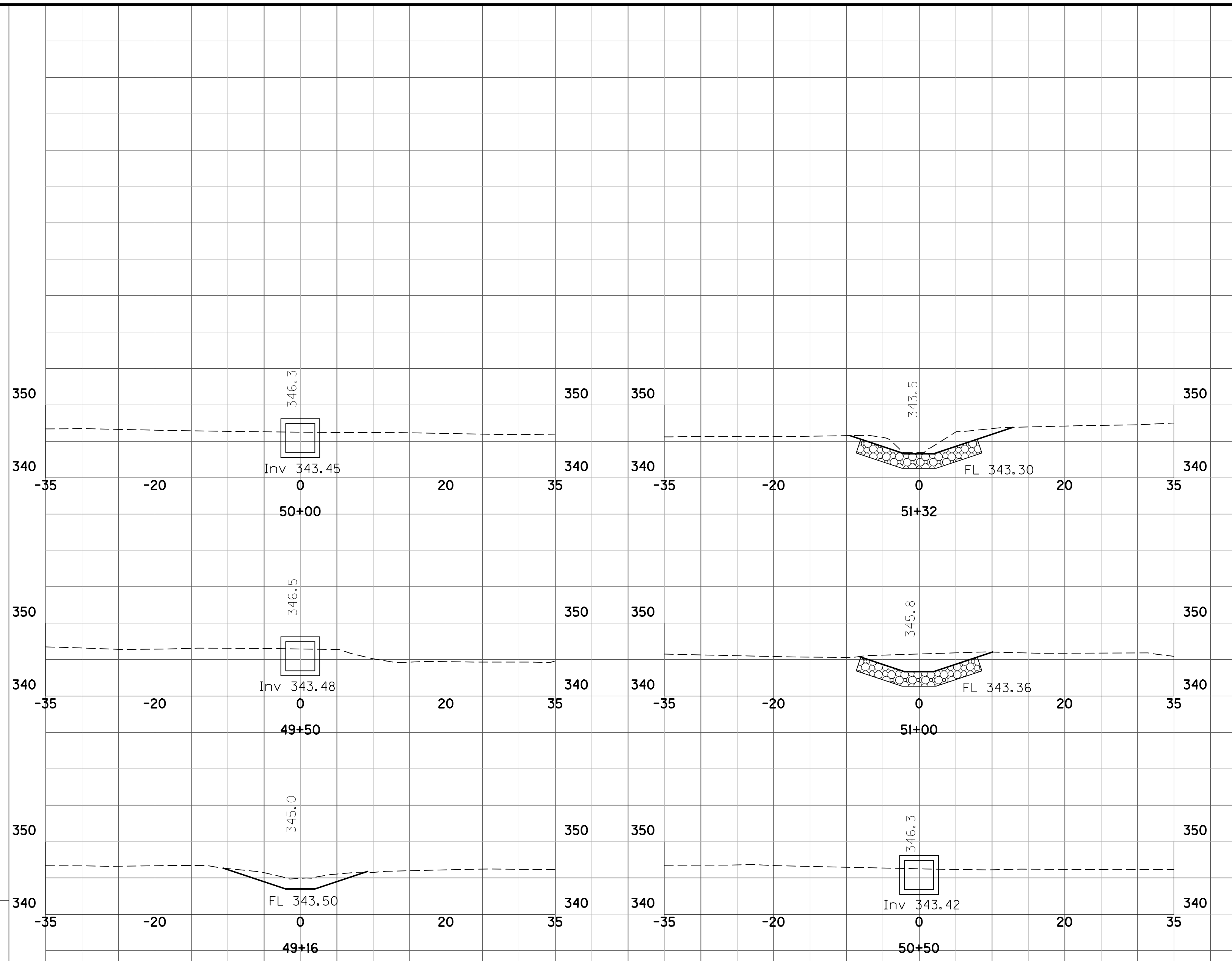
CULVERT SECTIONS - US 60
 STA 250+50 - STA 255+00 - STA 264+84

Ph	Cover Height (Ft.)	Channel Lining Class II (Ton)	Ditch Exc. (C.Y.)



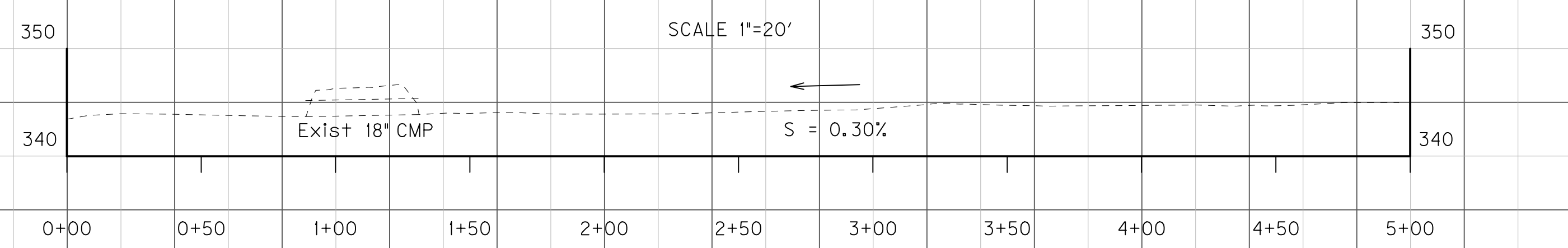
PLAN

SCALE 1"=20'



CHANNEL SECTIONS

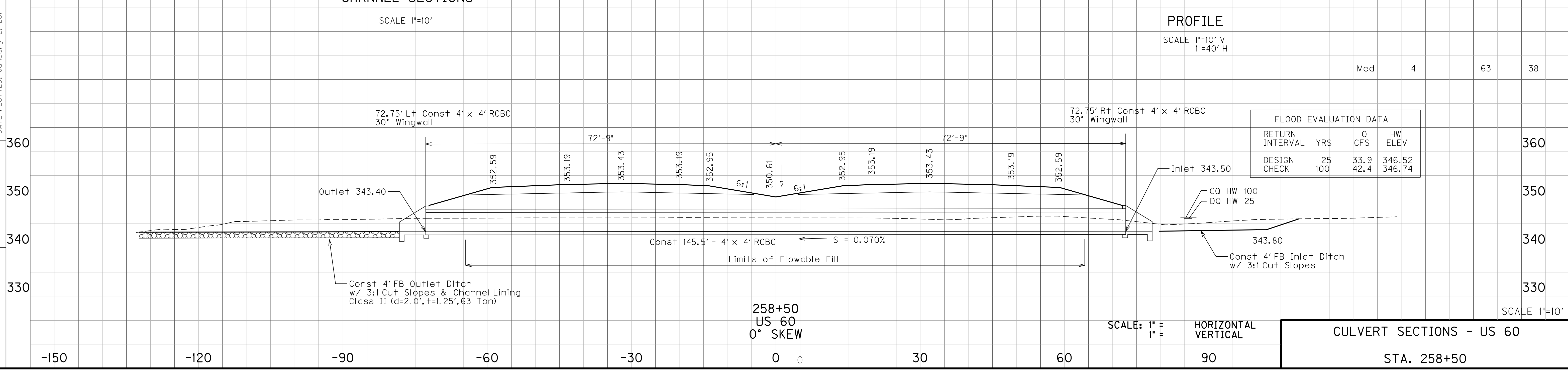
SCALE 1"=10'



PROFILE

SCALE 1"=10' V
1"=40' H

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	33.9	346.52
	100	42.4	346.74



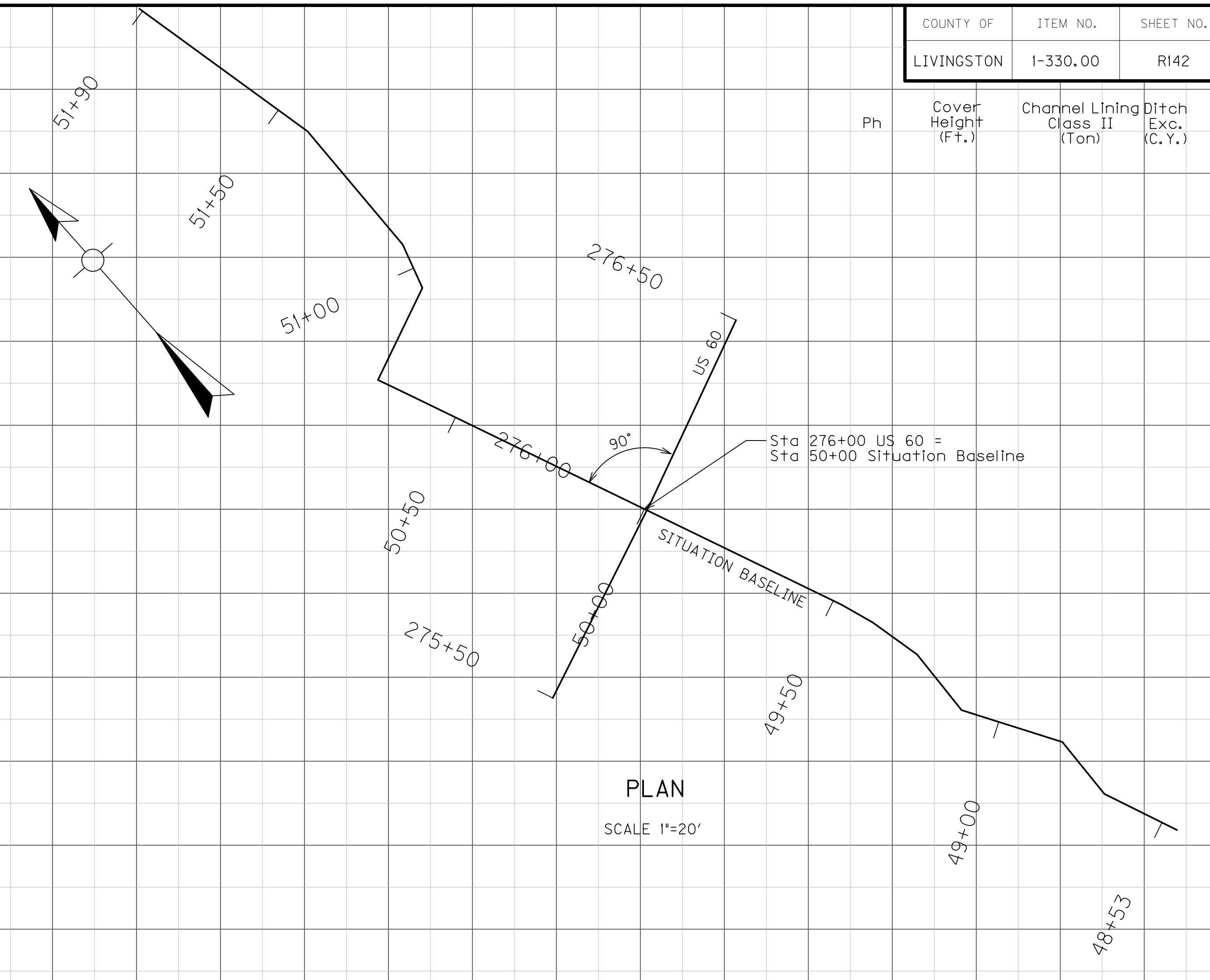
CULVERT SECTIONS - US 60
STA. 258+50

SCALE: 1" = 1" = HORIZONTAL
1" = VERTICAL

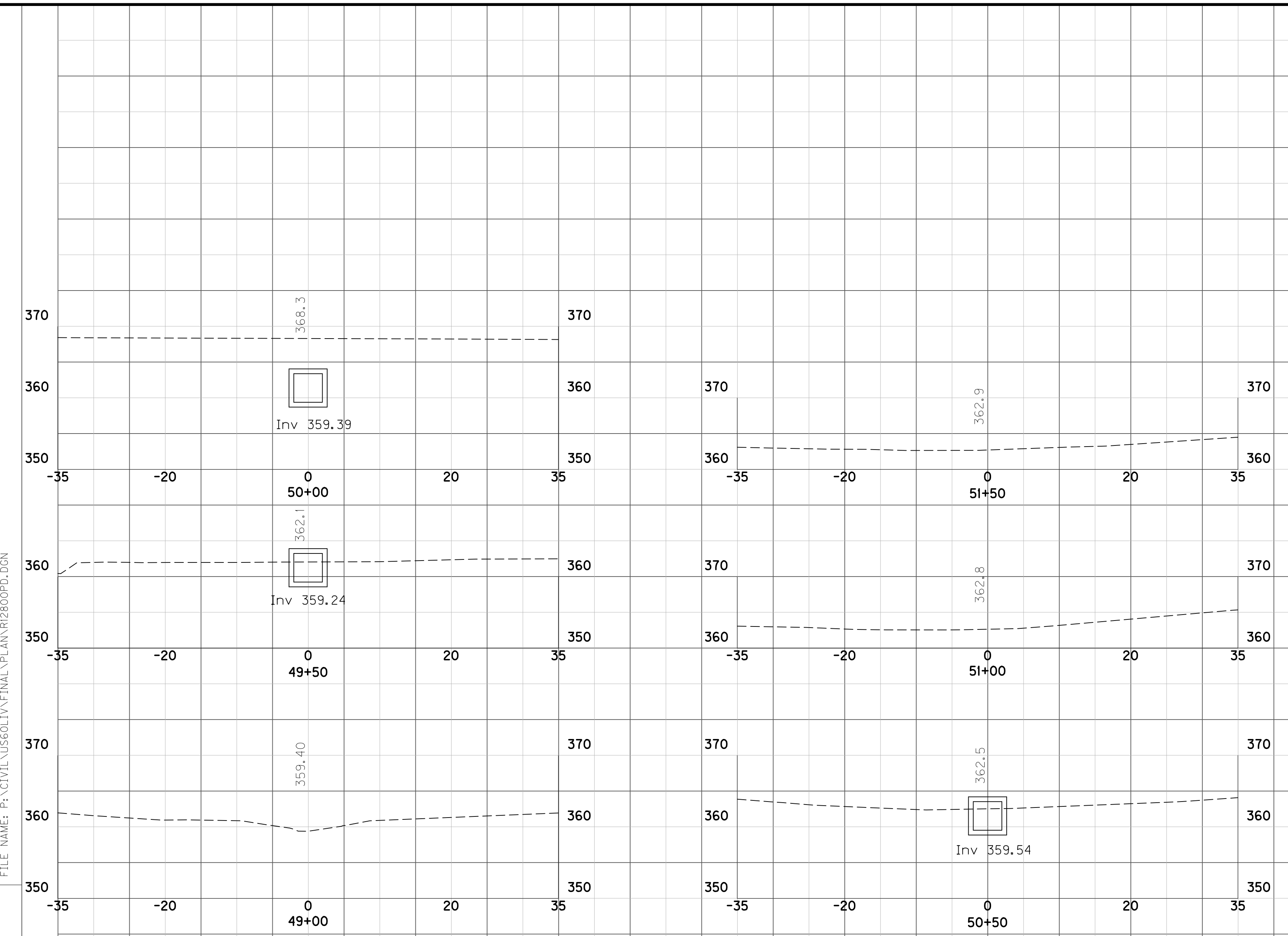
258+50
US 60
0° SKEW

FILE NAME: P:\CIVIL\US60\LV\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME: MicroStation v8.11.9.292

Ph	Cover Height (Ft.)	Channel Lining Class II (Ton)	Ditch Exc. (C.Y.)
	2	48	27

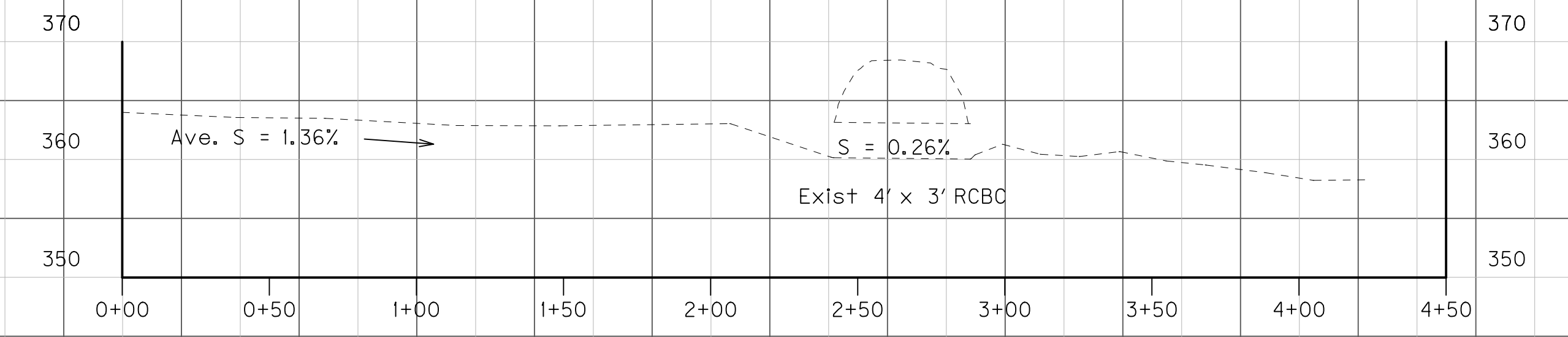


PLAN
SCALE 1"=20'

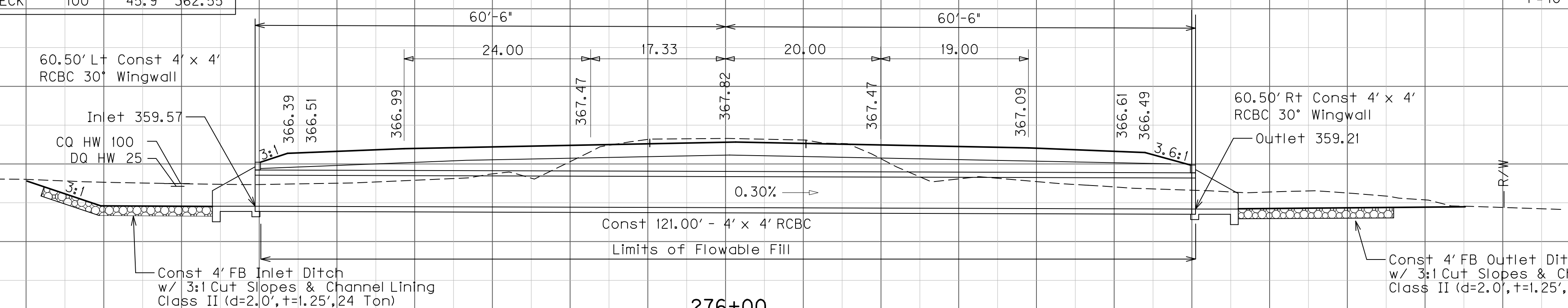


CHANNEL SECTIONS
SCALE 1"=10'

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	35.9	362.15
CHECK	100	45.9	362.55



PROFILE
SCALE 1"=10' V
1"=40' H



SCALE: 1" = 1" = HORIZONTAL
1" = 40' = VERTICAL

Med	2	48	27
120	150	SCALE 1"=10'	
CULVERT SECTIONS - US 60			
STA. 276+00			

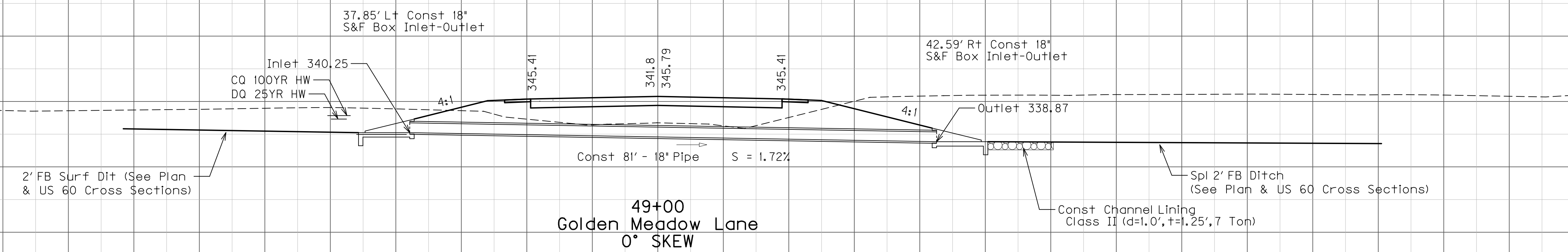
FILE NAME: P:\CIVIL\US60\IV\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME: MicroStation v8.11.9.292

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	7.9	342.33
CHECK	100	9.6	342.86

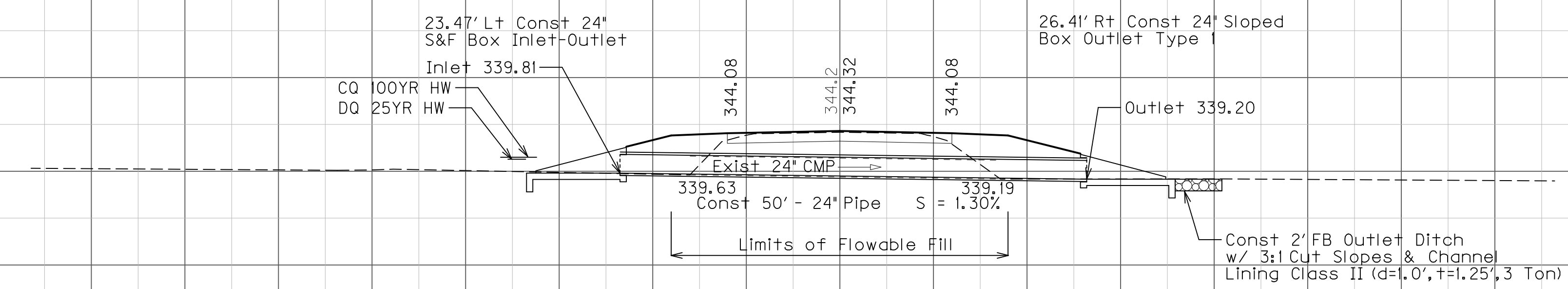
FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	8.6	341.32
CHECK	100	10.5	341.53

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	5.9	338.88
CHECK	100	7.4	339.07

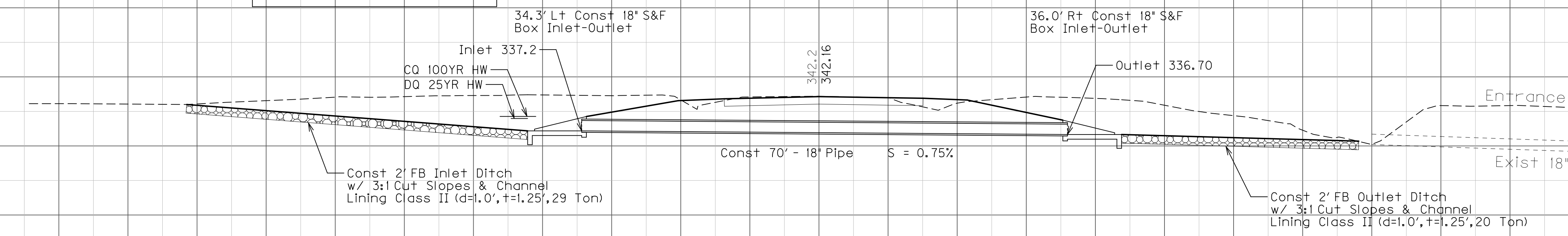
Ph	Cover Pipe Height (Ft.)	Culvert 18 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	18" S&F Box Inlet-Outlet (Each)	24" S&F Box Inlet-Outlet (Each)	24" Sloped Box Outlet Type 1 (Each)	Channel Lining Class II (Ton)	Ditch Exc. (C.Y.)
Med	3	81		2			7	
Med	1		46		1	1	3	
Med	2	70		2			49	66



49+00
Golden Meadow Lane
0° SKEW



44+65
Golden Meadow Lane
0° SKEW



39+58
Golden Meadow Lane
5°20' SKEW LT

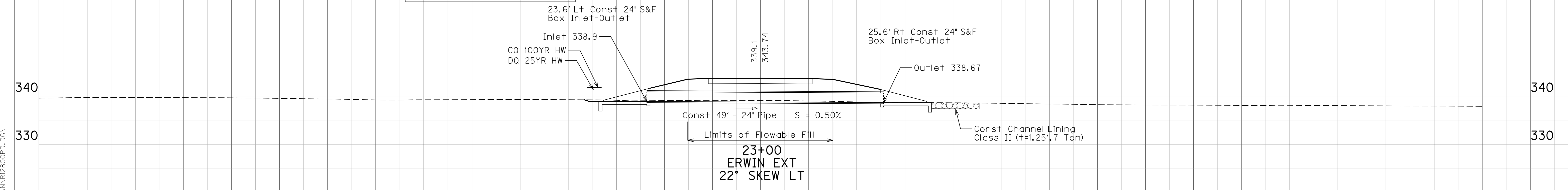
SCALE: 1" = 120'
1" = 150' HORIZONTAL VERTICAL

120 150 SCALE 1"=10'
CULVERT SECTIONS
GOLDEN MEADOW LANE
STA. 39+58 - STA. 44+65 - STA. 49+00

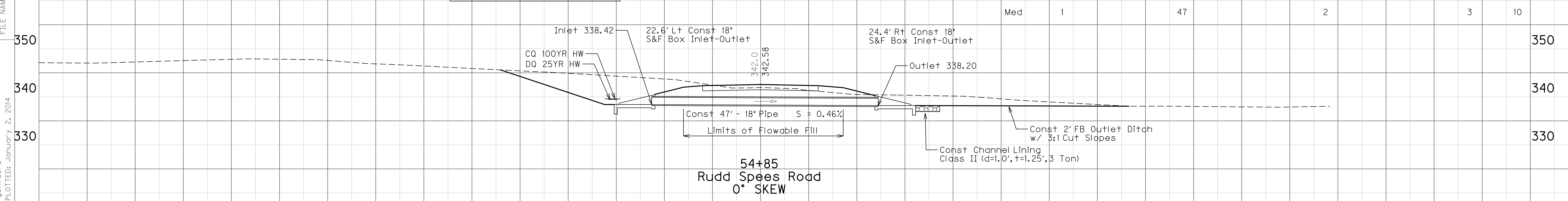
FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

Ph	Cover Height (Ft.)	Pipe Culvert 24 Inch (L.F.)	Pipe Culvert 18 Inch (L.F.)	24" S&F Box Inlet-Outlet (Each)	18" S&F Box Inlet-Outlet (Each)	18" Sloped Box Outlet Type 1 (Each)	Channel Lining Class II (Ton)	Ditch Exc. (C.Y.)
Med	2	49		2			7	

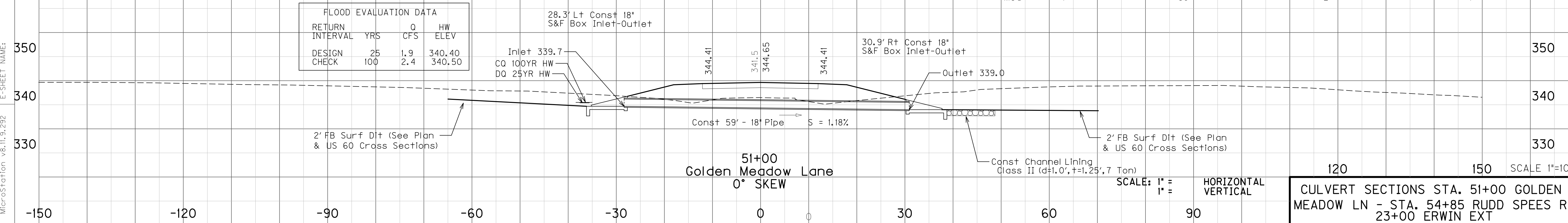
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	12.9	341.20
CHECK	100	16.0	341.80



RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	2.7	339.47
CHECK	100	3.3	339.60



RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	1.9	340.40
CHECK	100	2.4	340.50

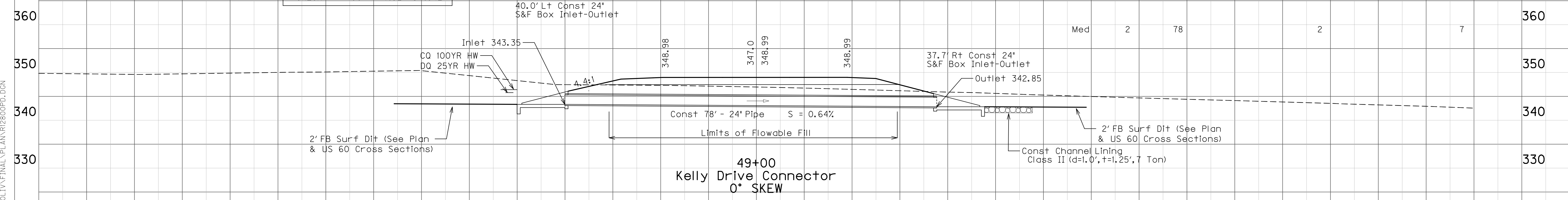


FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

120 150 SCALE: 1" = 10'
 HORIZONTAL VERTICAL
 CULVERT SECTIONS STA. 51+00 GOLDEN MEADOW LN - STA. 54+85 RUDD SPEES RD 23+00 ERWIN EXT

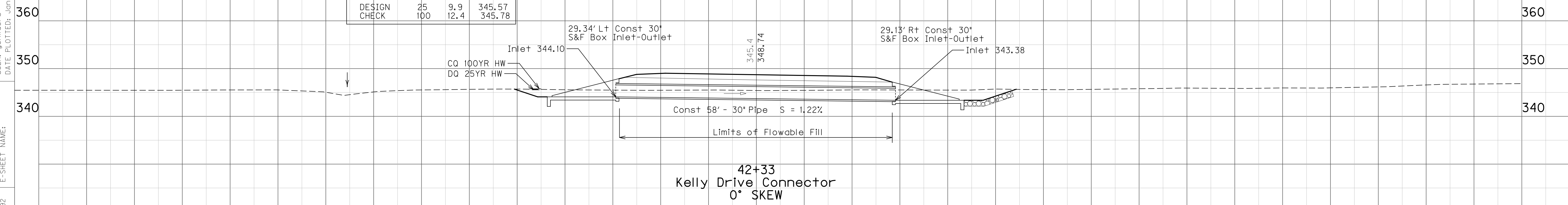
Ph	Cover Height (Ft.)	Pipe Culvert 24 Inch (L.F.)	Pipe Culvert 30 Inch (L.F.)	24' S&F Box Inlet-Outlet (Each)	30' S&F Box Inlet-Outlet (Each)	Channel Lining Class II (Ton)	Ditch Exc. (C.Y.)
	2	78		2		7	

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	13.4	345.80
CHECK	100	16.2	346.42



Ph	Cover Height (Ft.)	Pipe Culvert 24 Inch (L.F.)	Pipe Culvert 30 Inch (L.F.)	24' S&F Box Inlet-Outlet (Each)	30' S&F Box Inlet-Outlet (Each)	Channel Lining Class II (Ton)	Ditch Exc. (C.Y.)
	2	58		2		5	5

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	9.9	345.57
CHECK	100	12.4	345.78



SCALE: 1" = 120' HORIZONTAL
1" = 150' VERTICAL

120 150 SCALE 1"=10'

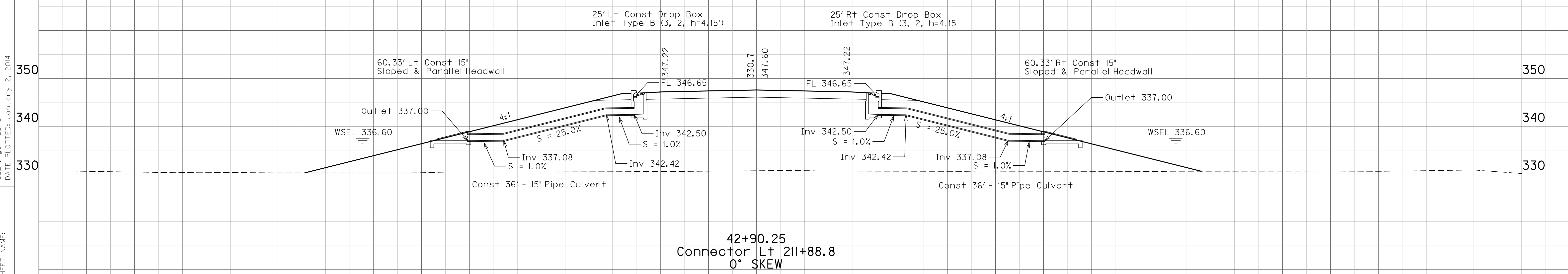
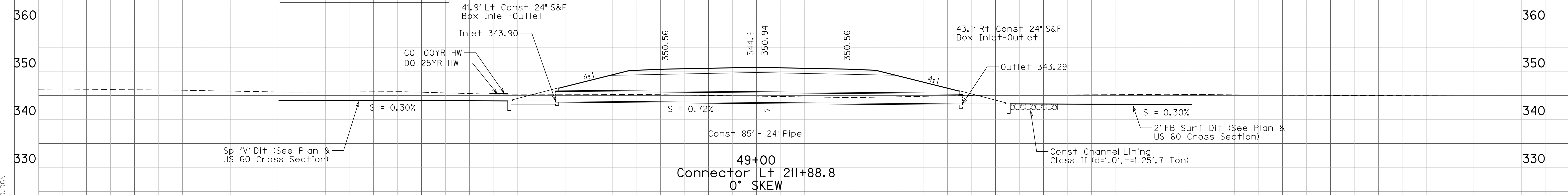
CULVERT SECTIONS
KELLY DRIVE CONNECTOR
STA. 42+33 - STA. 49+00

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12800PD.DGN
 USER: qchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	7.8	345.59
	100	9.4	345.80

Ph	Cover Height (Ft.)	Pipe Culvert 15 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	24" S&F Box Inlet-Outlet (Each)	Channel Lining Class II (Ton)	Curb Box Inlet TY B (EA)	Steel Reinf (LB)	Conc. Class A (C.Y.)
Med	4		85	2	7			

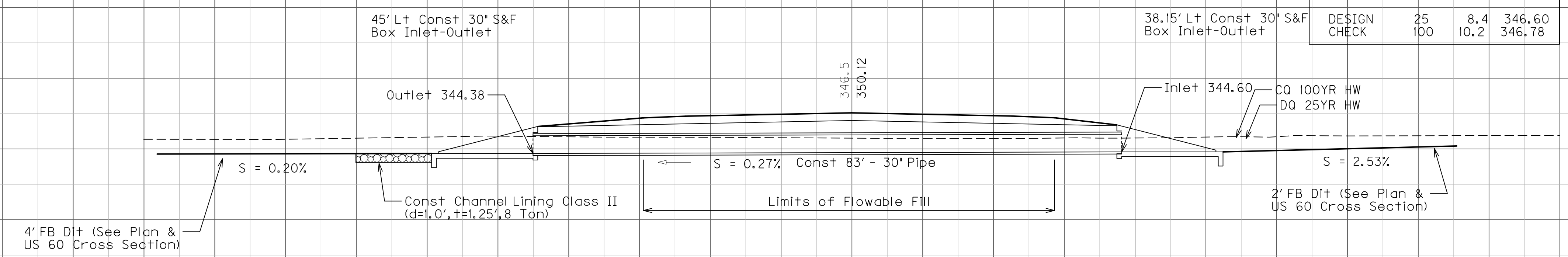
Med	2	72				2	24	2.4
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FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

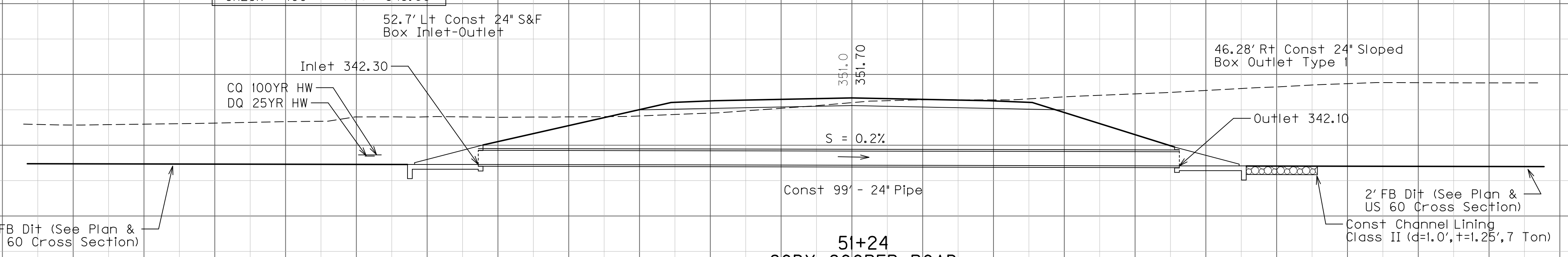
Ph	Cover Height (Ft.)	Pipe Culvert 18 Inch (L.F.)	Pipe Culvert 24 Inch (L.F.)	Pipe Culvert 30 Inch (L.F.)	18" S&F Box Inlet-Outlet (Each)	24" S&F Box Inlet-Outlet (Each)	24" Sloped Box Outlet Type 1 (Each)	30" S&F Box Inlet-Outlet (Each)	Channel Lining Class II (Ton)
Med	2			83				2	8

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	8.4	346.60
CHECK	100	10.2	346.78



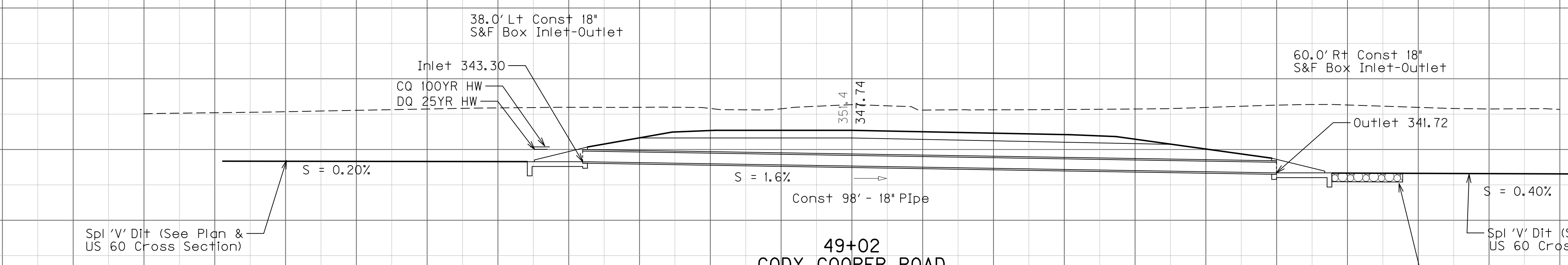
RETURN INTERVAL	YRS	Q cfs	HW Elev
DESIGN	25	4.00	343.49
CHECK	100	5.13	343.66

Med	6		99			1	1		7
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RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	8.5	345.05
CHECK	100	10.4	345.39

Med	2		98						2					8
-----	---	--	----	--	--	--	--	--	---	--	--	--	--	---



SCALE: 1" = 10' HORIZONTAL
1" = 1' VERTICAL

CULVERT SECTIONS
STA. 49+02 - STA. 51+24 CODY COOPER RD
STA. 48+87 - CONNECTOR EAST

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

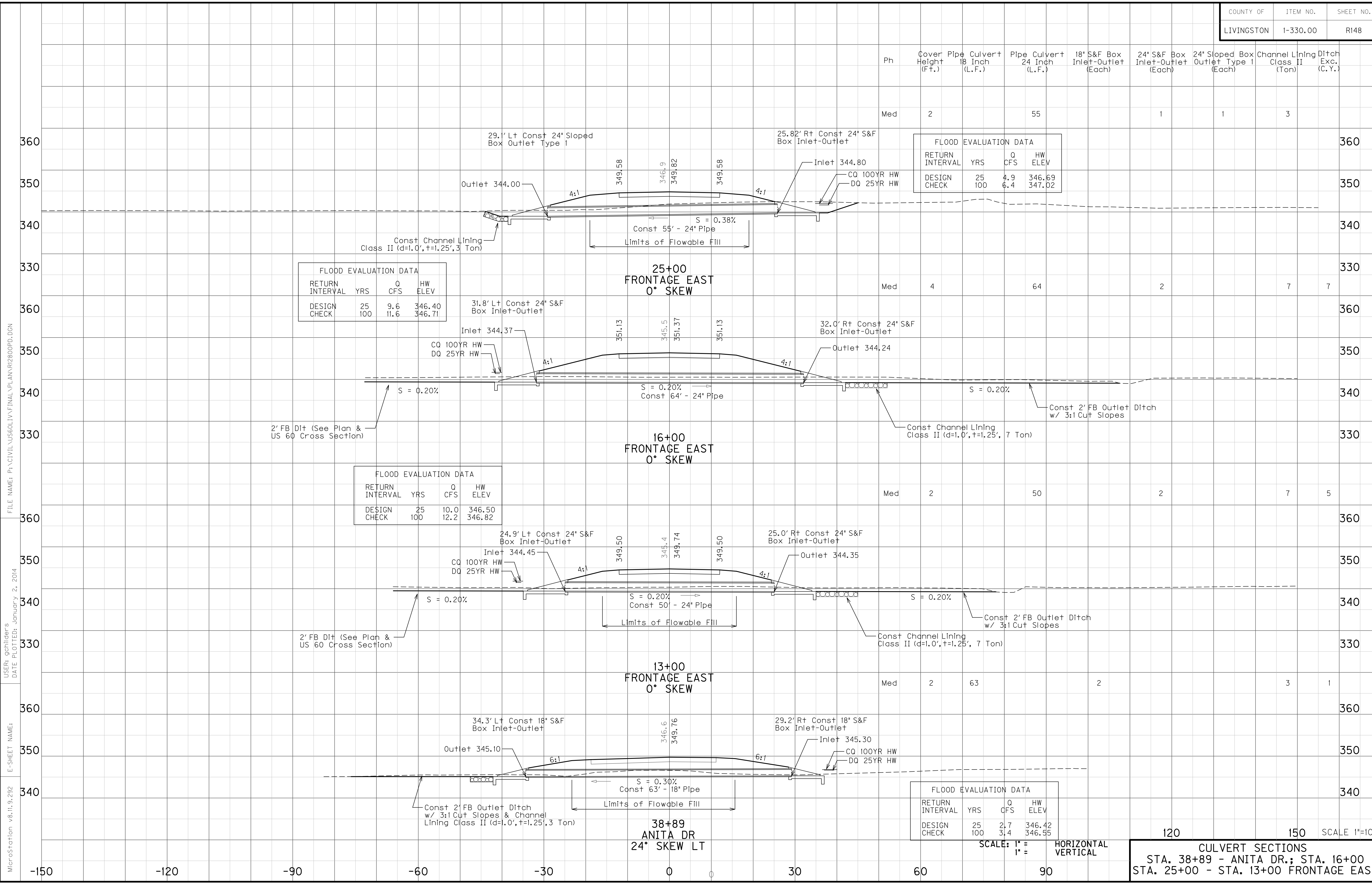
Ph	Cover Height (Ft.)	Pipe 18 Inch (L.F.)	Culvert 24 Inch (L.F.)	Pipe Culvert 18" S&F Inlet-Outlet (Each)	24" S&F Box Inlet-Outlet (Each)	24" Sloped Box Outlet Type 1 (Each)	Channel Lining Class II (Ton)	Ditch Exc. (C.Y.)
Med	2		55		1	1	3	

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	4.9	346.69
	100	6.4	347.02

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	9.6	346.40
	100	11.6	346.71

RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	10.0	346.50
	100	12.2	346.82

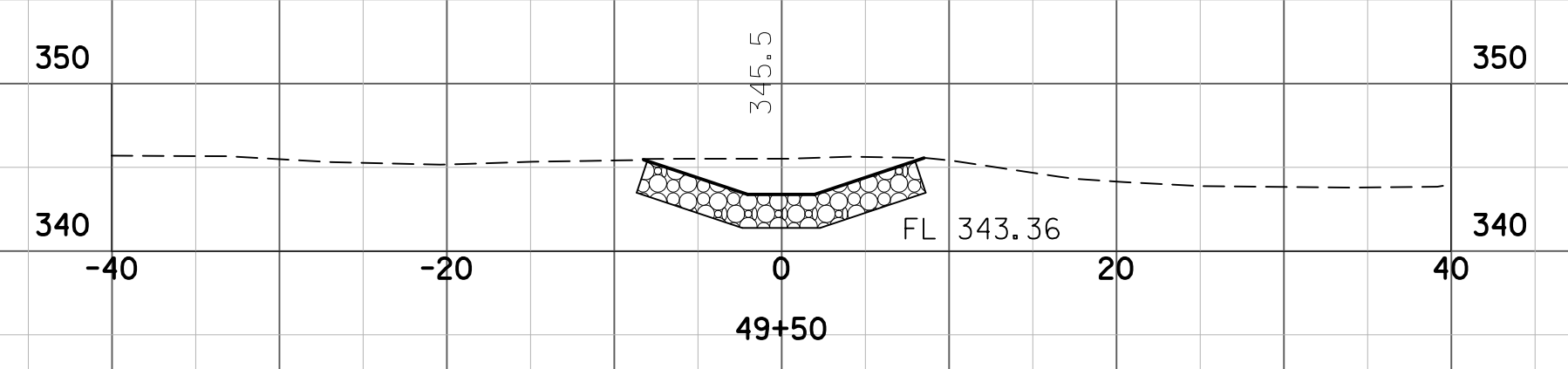
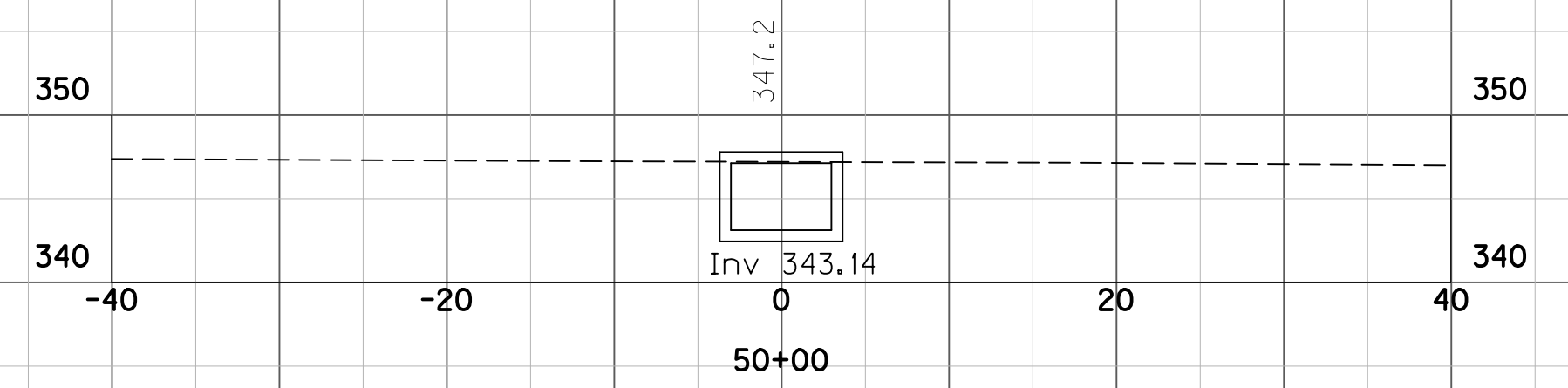
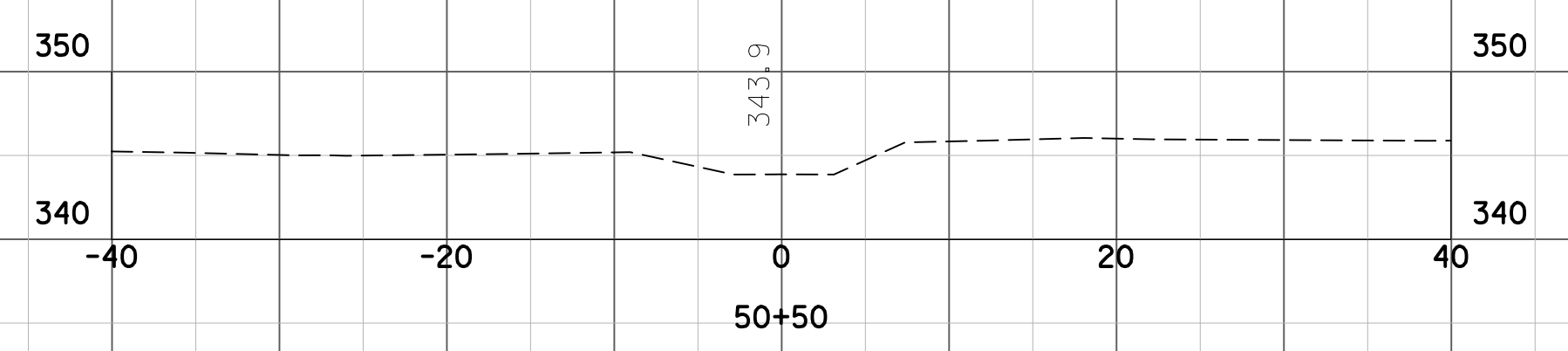
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN CHECK	25	2.7	346.42
	100	3.4	346.55



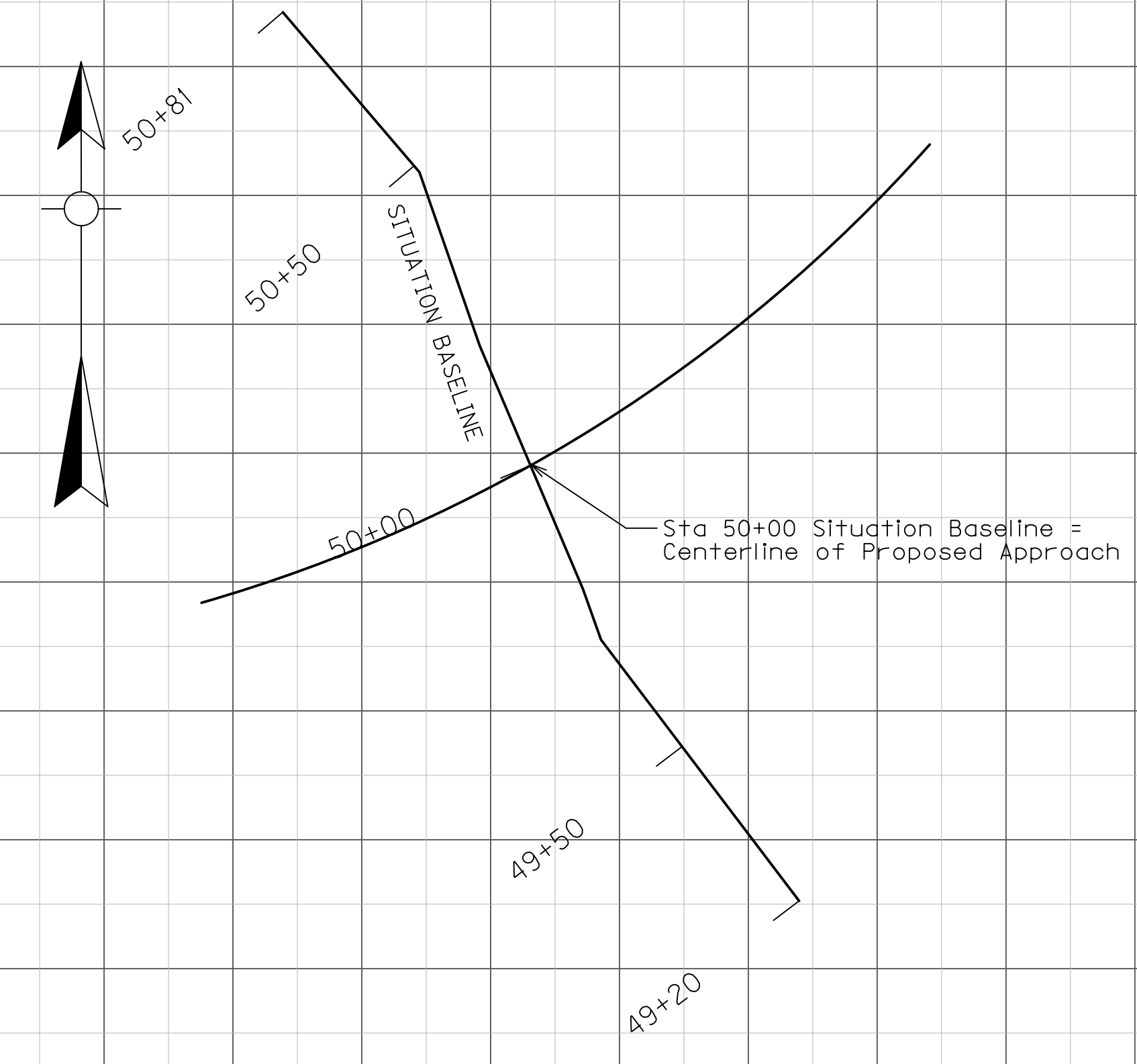
FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI2800PD.DGN
 USER: gchillers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME: MicroStation v8.11.9.292

120 150 SCALE 1"=10'
 CULVERT SECTIONS
 STA. 38+89 - ANITA DR.; STA. 16+00
 STA. 25+00 - STA. 13+00 FRONTAGE EAST

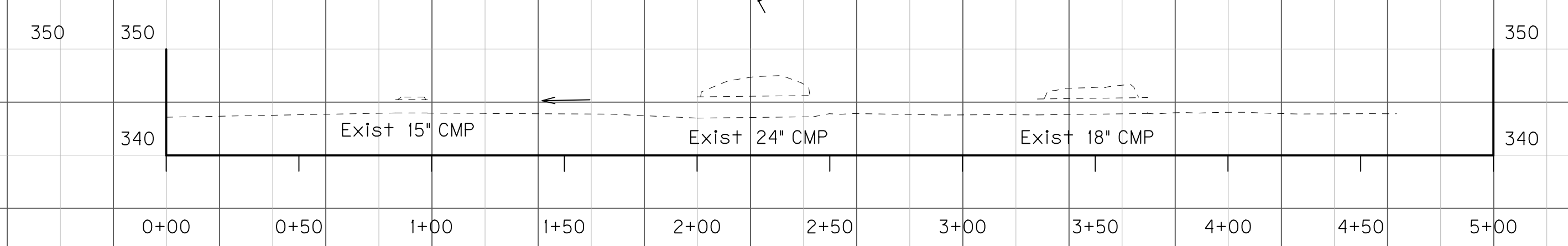
Ph	Channel Lining Class II (Ton)	Ditch Exc. (C.Y.)
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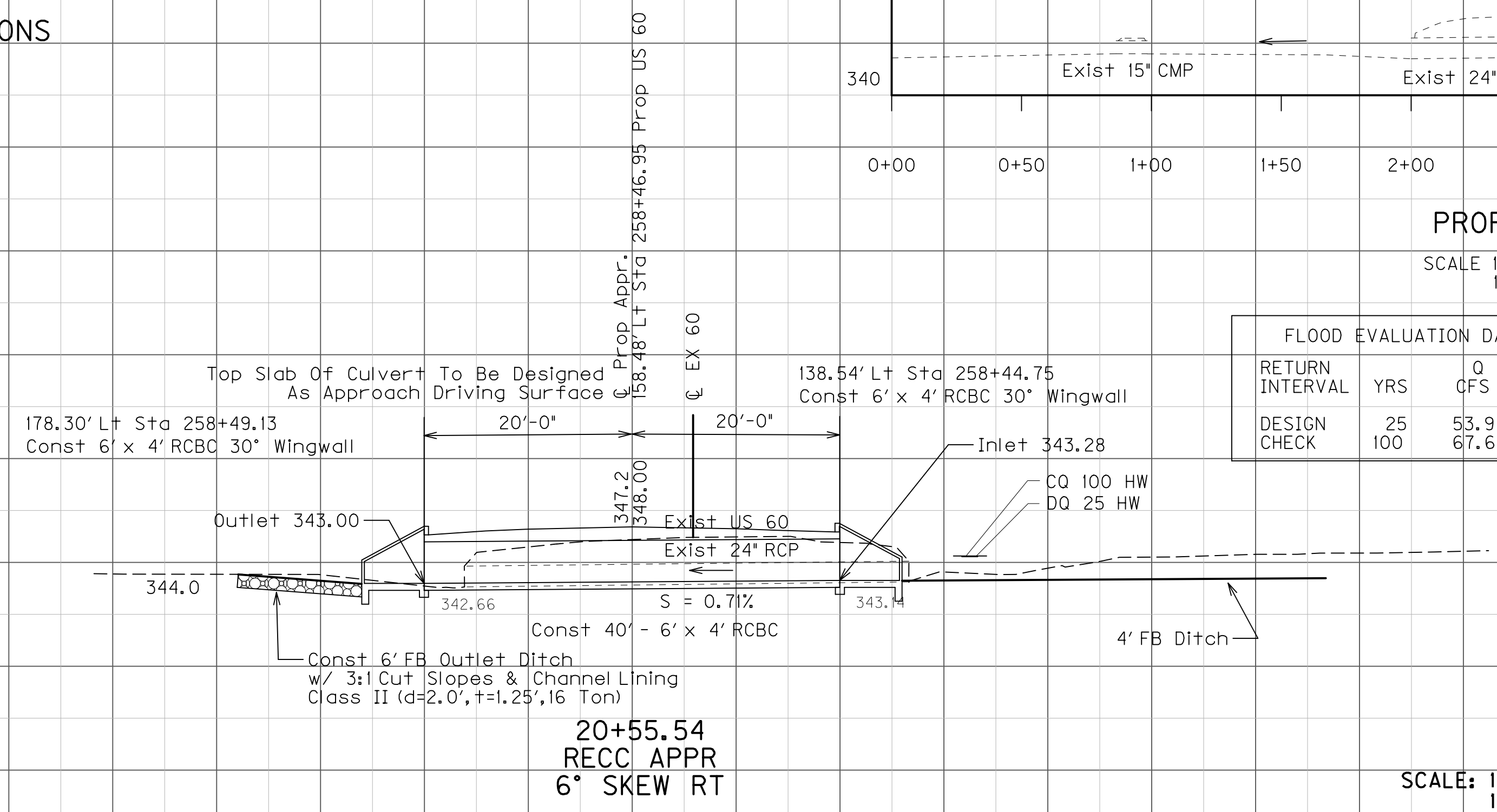
CHANNEL SECTIONS
SCALE 1"=10'



PLAN
SCALE 1"=20'



PROFILE
SCALE 1"=10' V
1"=40' H



FLOOD EVALUATION DATA				
RETURN INTERVAL	YRS	O CFS	HW ELEV	
DESIGN CHECK	25	53.9	346.30	
	100	67.6	346.43	

Med	16	2
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120 150 SCALE 1"=10'

SCALE: 1" = HORIZONTAL
1" = VERTICAL

CULVERT SECTIONS
20+55.54 RECC APPR

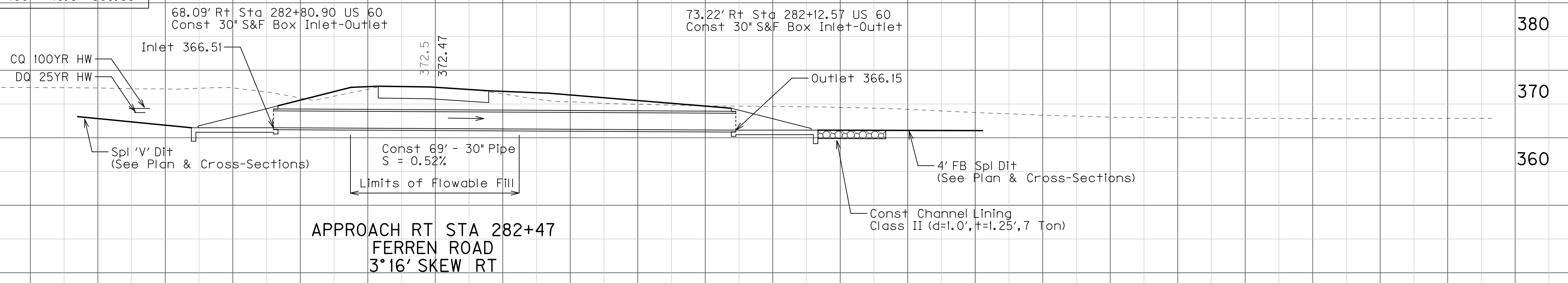
FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12800PD.DGN

USER: gchillers
DATE PLOTTED: January 2, 2014

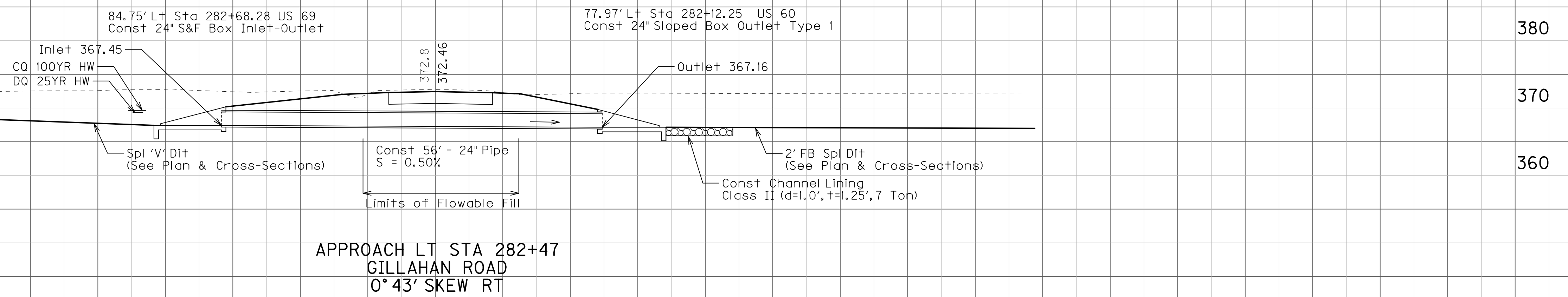
E-SHEET NAME:
MicroStation v8.11.9.292

Ph	Cover Pipe Height (Ft.)	Pipe Culvert 24 Inch (L.F.)	Pipe Culvert 30 Inch (L.F.)	24" S&F Box Inlet-Outlet (Each)	30" S&F Box Inlet-Outlet (Each)	24" Sloped Box Outlet Type 1 (Each)	Channel Lining Class II (Ton)
	2	69		1	1	7	

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	13.3	368.61
CHECK	100	16.8	368.96



FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	9.4	369.36
CHECK	100	11.7	369.67



FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\RI2800PD.DGN

USER: gchillers
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.9.292

Ph	Cover Height (Ft.)	Storm Sewer 15 Inch (L.F.)	Storm Sewer 18 Inch (L.F.)	Storm Sewer 18 Inch Equiv. (L.F.)	Drop Box Inlet Type II (Each)	Junction Box Type B (Each)

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	2.2	342.12
CHECK	100	2.7	342.42

FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	2.4	343.05
CHECK	100	3.0	343.21

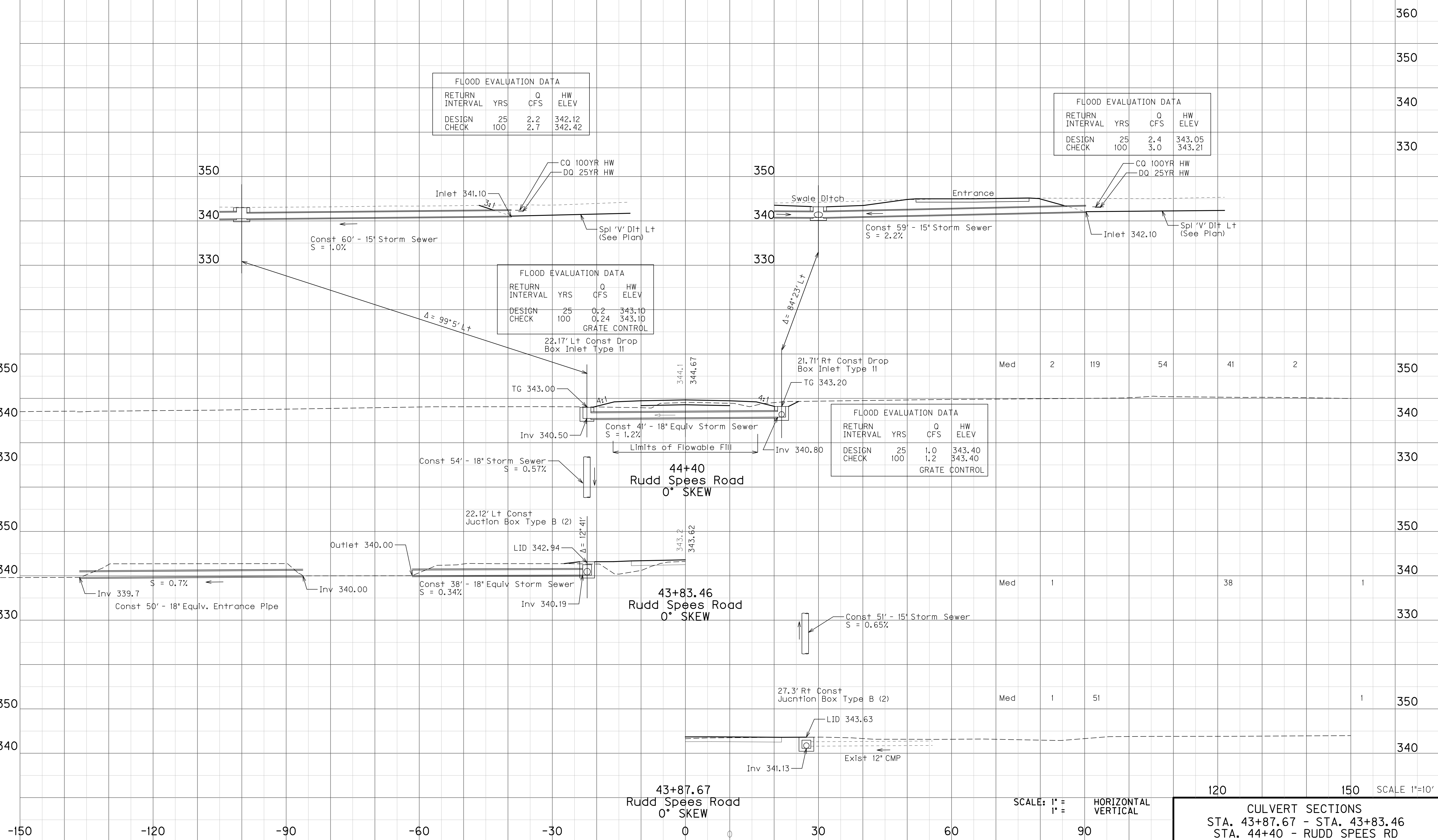
FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	0.2	343.10
CHECK	100	0.24	343.10

GRATE CONTROL

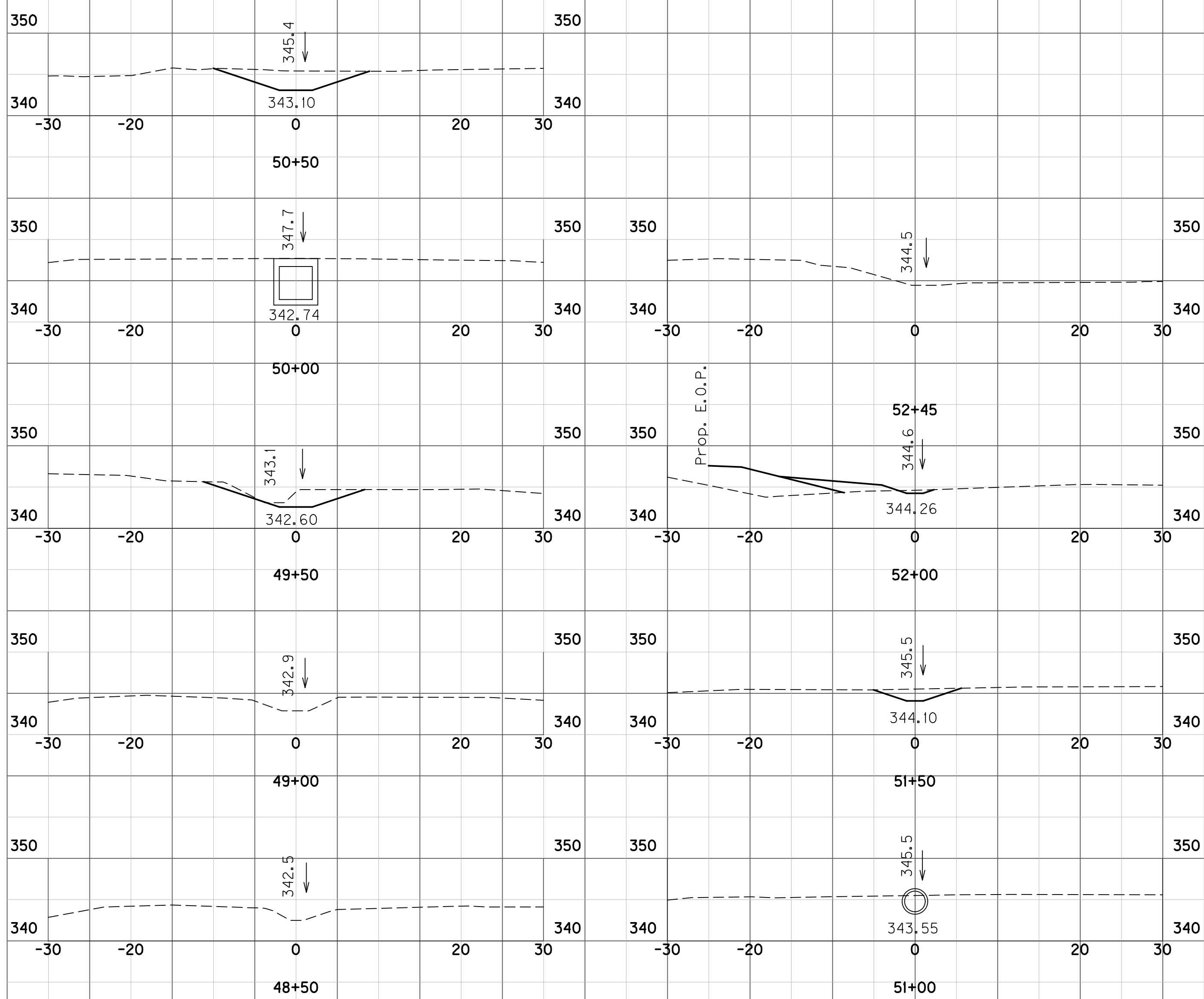
FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	1.0	343.40
CHECK	100	1.2	343.40

GRATE CONTROL

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12800PD.DGN
 USER: gchiffers
 DATE PLOTTED: January 2, 2014
 E-SHEET NAME:
 MicroStation v8.11.9.292

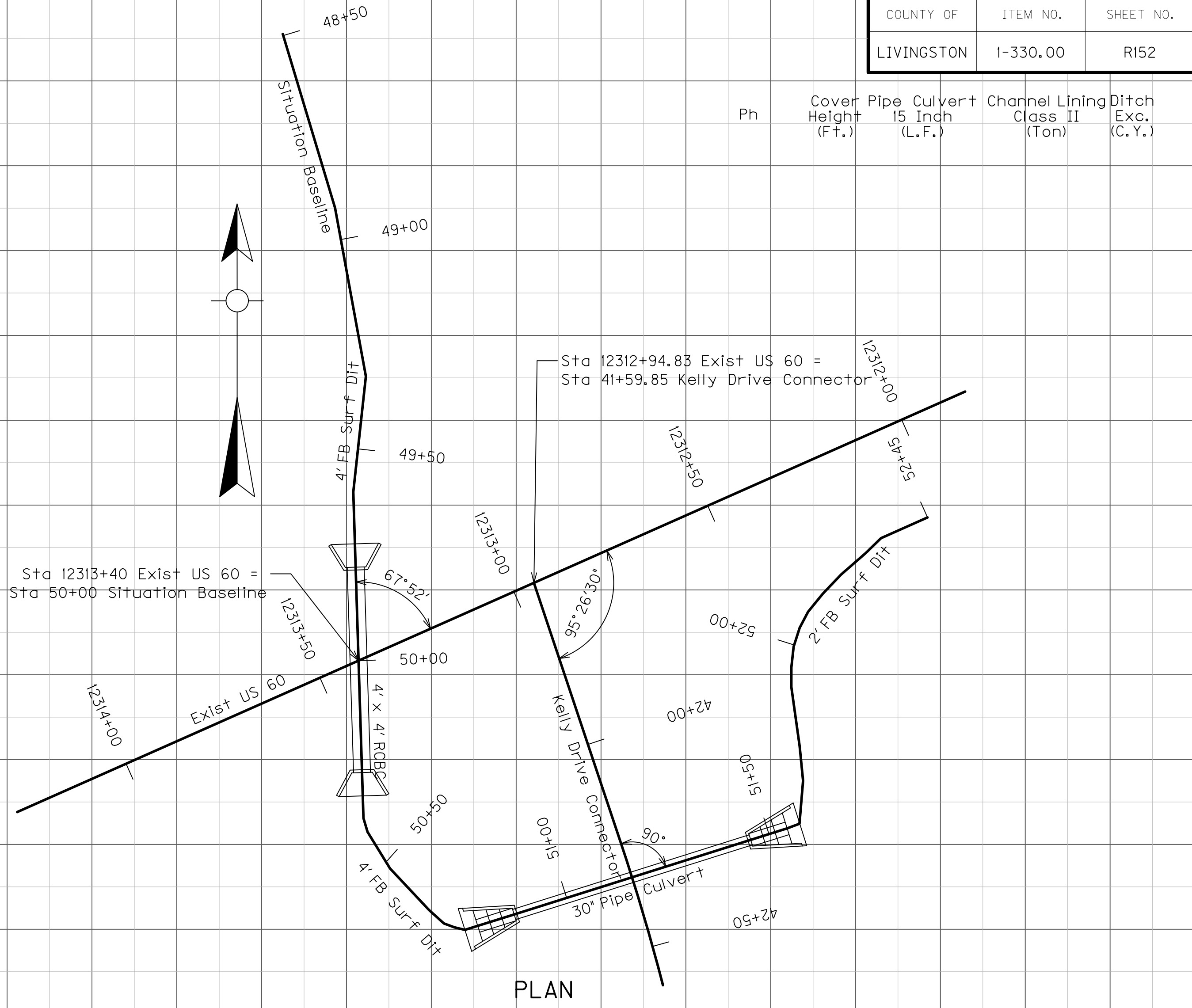


Ph	Cover Height (Ft.)	Pipe Culvert 15 Inch (L.F.)	Channel Lining Class II (Ton)	Ditch Exc. (C.Y.)
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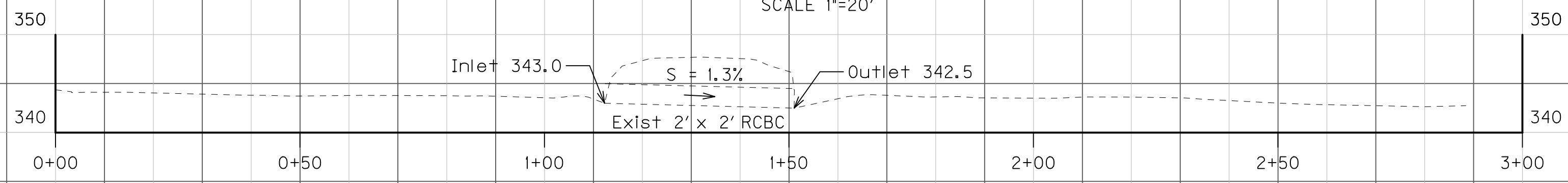


CHANNEL SECTIONS
SCALE 1"=10'

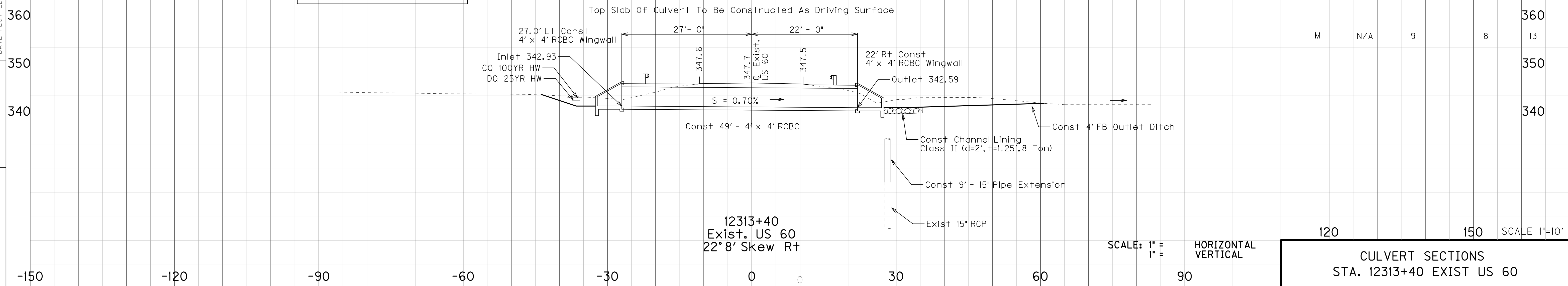
FLOOD EVALUATION DATA			
RETURN INTERVAL	YRS	Q CFS	HW ELEV
DESIGN	25	11.9	344.20
CHECK	100	14.9	344.63



PLAN
SCALE 1"=20'



PROFILE
SCALE 1"=10' V, 1"=40' H



SCALE: 1" = 1" = HORIZONTAL VERTICAL

120 150 SCALE 1"=10'
CULVERT SECTIONS
STA. 12313+40 EXIST US 60

FILE NAME: P:\CIVIL\US60LIV\FINAL\PLAN\R12800PD.DGN

USER: gchillers
DATE PLOTTED: January 2, 2014

E-SHEET NAME:

MicroStation v8.11.9.292