621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8' POSTS
STA. 351+75.00 - STA. 353+25.0 RT
STA. 326+55.00 - STA. 338+56.5 RT (739' OF 8' POSTS)
STA. 330+11.00 - STA. 340+25.5 LT (375' OF 8' POSTS)
STA. 350+82.50 - STA. 358+66.5 LT (262.5' OF 8' POSTS)

~~646.402 DURABLE 4 INCH WHITE LINE, THERMOPLASTIC~~
~~STA. 337+25 - STA. 353+25 (SOLID LT & RT)~~

646.602 TEMPORARY 4 INCH WHITE LINE, PAINT
STA. 337+25 - STA. 353+25 (SOLID LT & RT)

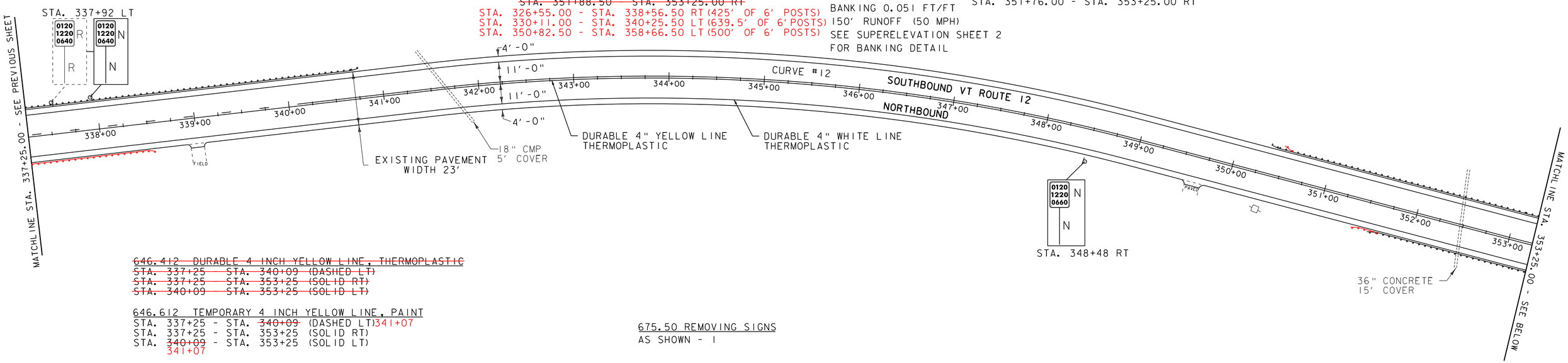
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
~~STA. 337+25.00 - STA. 340+37.50 LT~~
~~STA. 350+71.50 - STA. 353+25.00 LT~~
~~STA. 351+88.50 - STA. 353+25.00 RT~~
STA. 326+55.00 - STA. 338+56.50 RT (425' OF 6' POSTS)
STA. 330+11.00 - STA. 340+25.50 LT (639.5' OF 6' POSTS)
STA. 350+82.50 - STA. 358+66.50 LT (500' OF 6' POSTS)

CURVE #12
DELTA = 21°22'32"
D = 2°51'53"
R = 2000.00'
T = 377.46'
L = 746.15'
BANKING 0.051 FT/FT
150' RUNOFF (50 MPH)
SEE SUPERELEVATION SHEET 2
FOR BANKING DETAIL

621.50 MANUFACTURED TERMINAL SECTION, FLARED
25.50 STA. 340+~~37.50~~ - STA. 340+~~75.00~~ LT 63.00
45.00 STA. 350+~~34.00~~ - STA. 350+~~71.50~~ LT 82.50
37.50 STA. 351+~~51.00~~ - STA. 351+~~88.50~~ RT 75.00
STA. 338+19.00 - STA. 338+56.50 RT

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
12.50 STA. 338+~~00.00~~ - STA. 340+~~75.00~~ LT 62.50
49 STA. 350+~~34~~.00 - STA. 353+25.00 LT
STA. 351+76.00 - STA. 353+25.00 RT

676.10 DELINEATOR WITH STEEL POST
STA. 338+00.00 LT STA. 350+34.00 LT
STA. 340+75.00 LT STA. 351+51.00 RT



~~646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC~~
~~STA. 337+25 - STA. 340+09 (DASHED LT)~~
~~STA. 337+25 - STA. 353+25 (SOLID RT)~~
~~STA. 340+09 - STA. 353+25 (SOLID LT)~~

646.612 TEMPORARY 4 INCH YELLOW LINE, PAINT
STA. 337+25 - STA. ~~340+09~~ (DASHED LT) 341+07
STA. 337+25 - STA. 353+25 (SOLID RT)
STA. ~~340+09~~ 341+07 - STA. 353+25 (SOLID LT)

675.50 REMOVING SIGNS
AS SHOWN - 1

621.50 MANUFACTURED TERMINAL SECTION, FLARED
~~STA. 353+34.00 - STA. 353+71.50 LT~~
354+08.50 STA. ~~353+76.00~~ - STA. 354+~~13.50~~ RT 46.00
~~STA. 356+30.00 - STA. 356+67.50 LT~~
62.50 STA. 356+~~38.00~~ - STA. ~~356+75.50~~ RT 357+00
66.50 STA. 358+~~55.00~~ - STA. ~~358+92.50~~ LT 359+04.00
93+00 STA. 358+~~88.00~~ - STA. 359+~~25.50~~ RT 30.50
13+50 STA. 363+~~15.00~~ - STA. 363+~~52.50~~ LT 51.00
366+20.50 STA. ~~365+88.00~~ - STA. ~~366+25.50~~ RT 366+58
367+45.50 STA. ~~367+25.50~~ - STA. ~~367+63.00~~ RT 367+83

621.80 REMOVAL AND DISPOSAL OF GUARDRAIL
STA. 353+25.00 - STA. 353+~~71.50~~ LT 74.00
STA. 353+25.00 - STA. 353+63.50 RT
40 STA. 356+~~30~~.00 - STA. 358+~~92.50~~ LT 90.00
62 STA. 356+~~38~~.00 - STA. 358+~~25.50~~ RT 37.00
STA. 363+15.00 - STA. 369+50.00 LT
366+20.5 STA. ~~365+88.00~~ - STA. ~~367+63.00~~ RT 83.00

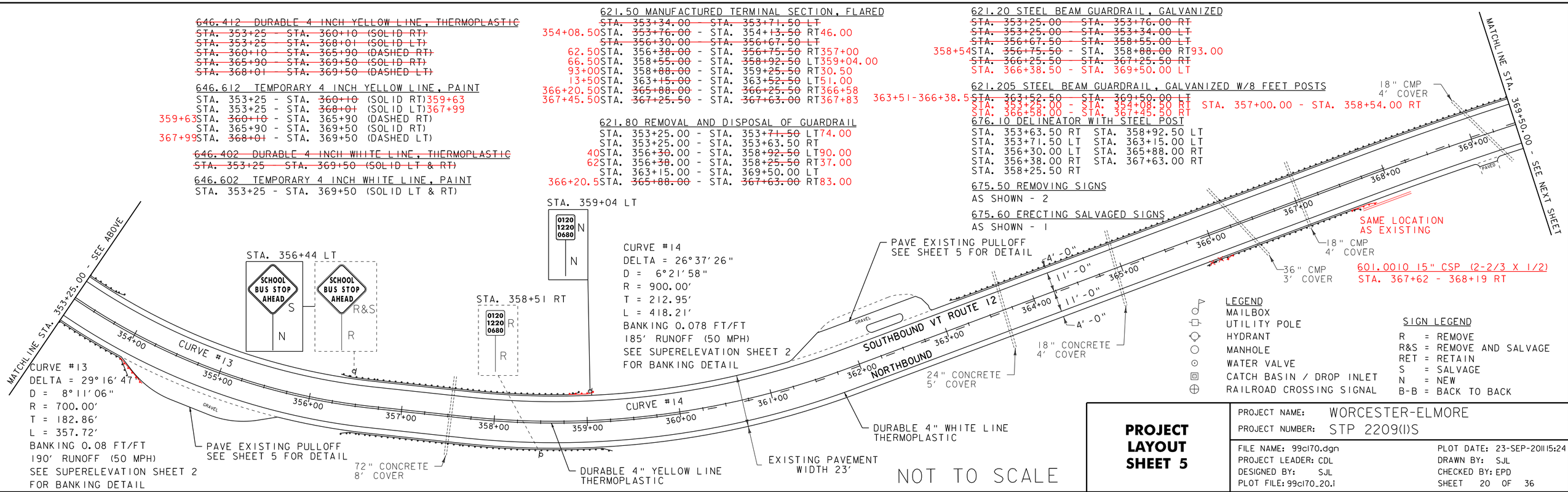
621.20 STEEL BEAM GUARDRAIL, GALVANIZED
~~STA. 353+25.00 - STA. 353+76.00 RT~~
~~STA. 353+25.00 - STA. 353+34.00 LT~~
~~STA. 356+67.50 - STA. 358+55.00 LT~~
358+54 STA. ~~356+75.50~~ - STA. 358+~~88.00~~ RT 93.00
~~STA. 366+25.50 - STA. 367+25.50 RT~~
STA. 366+38.50 - STA. 369+50.00 LT

621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
363+51-366+38.5 STA. 363+52.50 - STA. 369+50.00 LT
~~STA. 353+25.00 - STA. 354+09.50 RT~~
~~STA. 356+58.00 - STA. 367+45.50 RT~~
STA. 357+00.00 - STA. 358+54.00 RT

676.10 DELINEATOR WITH STEEL POST
STA. 353+63.50 RT STA. 358+92.50 LT
STA. 353+71.50 LT STA. 363+15.00 LT
STA. 356+30.00 LT STA. 365+88.00 RT
STA. 356+38.00 RT STA. 367+63.00 RT
STA. 358+25.50 RT

675.50 REMOVING SIGNS
AS SHOWN - 2

675.60 ERECTING SALVAGED SIGNS
AS SHOWN - 1



CURVE #13
DELTA = 29°16'47"
D = 8°11'06"
R = 700.00'
T = 182.86'
L = 357.72'
BANKING 0.08 FT/FT
190' RUNOFF (50 MPH)
SEE SUPERELEVATION SHEET 2
FOR BANKING DETAIL

CURVE #14
DELTA = 26°37'26"
D = 6°21'58"
R = 900.00'
T = 212.95'
L = 418.21'
BANKING 0.078 FT/FT
185' RUNOFF (50 MPH)
SEE SUPERELEVATION SHEET 2
FOR BANKING DETAIL

LEGEND
MAILBOX
UTILITY POLE
HYDRANT
MANHOLE
WATER VALVE
CATCH BASIN / DROP INLET
RAILROAD CROSSING SIGNAL

SIGN LEGEND
R = REMOVE
R&S = REMOVE AND SALVAGE
RET = RETAIN
S = SALVAGE
N = NEW
B-B = BACK TO BACK

NOT TO SCALE

PROJECT LAYOUT SHEET 5

PROJECT NAME: WORCESTER-ELMORE
PROJECT NUMBER: STP 2209(I)S

FILE NAME: 99c170.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: 99c170_20.i
PLOT DATE: 23-SEP-2011 15:24
DRAWN BY: SJL
CHECKED BY: EPD
SHEET 20 OF 36