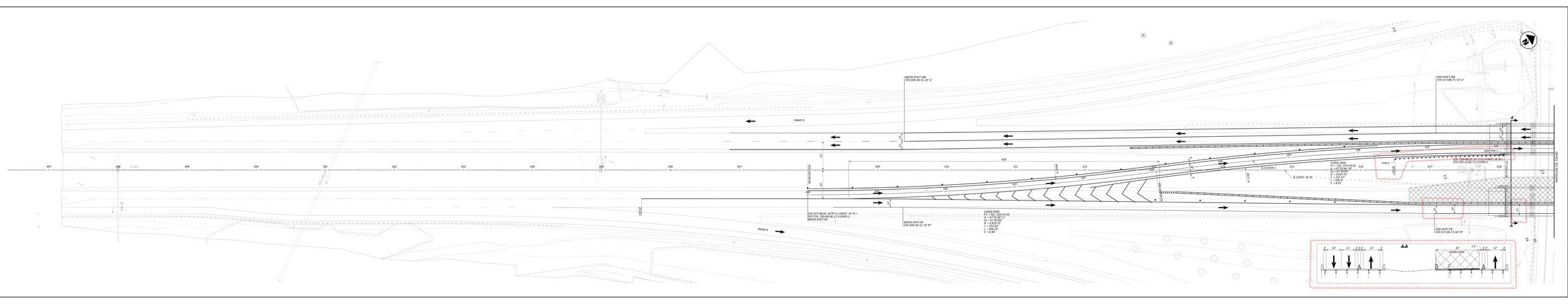

CTY-RTE-SECTION

MODEL: Untitled Design PAPERSIZE: 117.5x22 (in.) DATE: 4/11/2025 TIME: 3:52:04 PM USER: DPapuc
pw:\\trc-pw.bentley.com:trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation (ODOT)\617084 - BEL-70-0935\4 - Design & Study Documents\120457\400-Engineering\MOT\Sheets\120457_MP111.dgn

497
498
8" RCP
12" RCP
M.N.S.
499
500
501
38"x46" CMP
502
503
504
505
6" PVC
12" RCP
506
507
RAMP D
RAMP A
+58.32
42'
42'
POT 100+00.00
100
STA 507+98.83, 36'RT CL CONST. IR-70 =
POT STA. 100+00.00, CL X-OVER-1
BEGIN SHIFT EB
BEGIN SHIFT WB
STA 509+38.72, 42' LT
12'
12'
450'
509
510
511
512
513
101
102
103
104
105
3814' R
PRC 105+06.26
BEGIN SHIFT EB
STA 509+36.72, 54' RT
CURVE DATA
P.I. = Sta. 102+53.50
Δ = 07°35'38" LT
Dc = 01°30'00"
R = 3,819.72'
T = 253.50'
L = 506.26'
E = 8.40'
3'
12'
3'
106
107
108
109
110
514
515
516
517
518
℄ X-OVER-1
℄ CONST. IR-70
3811' R
CURVE DATA
P.I. = Sta. 107+59.83
Δ = 07°35'46" RT
Dc = 01°30'00"
R = 3,819.72'
T = 253.57'
L = 506.4'
E = 8.41'
END SHIFT WB
STA 517+08.77, 53' LT
TYPE E
+50.00
BTA TYPE 1
STA. 518+08.53, 31' LT CL CONST. IR-70 =
STA 110+12.66, CL X-OVER-1
PT 110+12.66
6" CPP
U.S N.F.
12" RCP
48"x60" CMP
10'
11'
12'
14'
17'
A
A
END SHIFT EB
STA 517+06.72, 64' RT
MATHCLINE STA. 518+80
A-A
2'
10'
11'
2'
2'
2'
12'
2'
35'
WORK ZONE
1.5'
2'
2'
12'
3'
HORIZONTAL SCALE IN FEET
0
10
20
40

MOT I-70
PHASE 1
SHEET 1

DESIGN AGENCY
TRC

DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	120457

SHEET	TOTAL
P.0	0

CTY-RTE-SECTION

MODEL: Untitled Design PAPERSIZE: 117.5x22 (in.) DATE: 4/11/2025 TIME: 3:59:12 PM USER: DPapuc
pw:\\trc-pw.bentley.com:trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation (ODOT)\617084 - BEL-70-0935\4 - Design & Study Documents\120457\400-Engineering\MOT\Sheets\120457_MP112.dgn

30" RCP
MATHCLINE STA. 518+80
N66°48'14"E
B
111
10'
11'
16'
17'
14'
12'
BEGIN SHIFT WB
STA 552+78.16, 53' LT
STA. 519+77.92, 31' LT CL CONST. IR-70 =
STA 111+82.05, CL X-OVER-1
PC 111+82.05
12" RCP
CURVE DATA
P.I. = Sta. 114+35.55
Δ = 07°35'38" RT
Dc = 01°30'00"
R = 3,819.72'
T = 253.5'
L = 506.26'
E = 8.4'
3811' R
15'
PRC 116+88.31
15" RCP
CB-5
3'
6'
6'
3'
3842' R
CURVE DATA
P.I. = Sta. 119+41.81
Δ = 07°35'38" LT
Dc = 01°30'00"
R = 3,819.72'
T = 253.50'
L = 506.26'
E = 8.40'
℄ CONST. IR-70
℄ X-OVER-1
42'
42'
POT 121+94.57
END SHIFT WB
STA 528+48.26, 42' LT
RAMP C
+00.85
END SHIFT EB
STA 528+46.26, 54' RT
STA 529+87.47, 36' RT CL CONST. IR-70 =
POT STA. 121+94.57, CL X-OVER-1
END SHIFT EB
BEGIN SHIFT EB
STA 520+76.26, 64' RT
RAMP B
112
113
114
115
116
117
118
119
120
121
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
B-B
2'
10'
11'
2'
2'
2'
12'
2'
35'
WORK ZONE
1.5'
2'
2'
12'
3'

HORIZONTAL
SCALE IN FEET
0 10 20 40

MOT I-70
PHASE 1
SHEET 2

DESIGN AGENCY
TRC

DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	120457

SHEET	TOTAL
P.0	0

CTY-RTE-SECTION

MODEL: Untitled Design PAPERSIZE: 117.5x22 (in.) DATE: 4/11/2025 TIME: 4:04:49 PM USER: DPapuc
pw:\\trc-pw.bentley.com:trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation (ODOT)\617084 - BEL-70-0935\4 - Design & Study Documents\120457\400-Engineering\MOT\Sheets\120457_MP121.dgn

RAMP D
RAMP A
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
200
201
202
203
204
205
206
207
105
106
107
108
109
110
℄ X-OVER-1
(INSTALLED IN PHASE 1)
℄ X-OVER-2
℄ CONST. IR-70
TYPE E
BTA TYPE 1
BTA-1
3821' R
+98.86
PRC 203+05.40
PT 206+30.57
10'
11'
12'
3'
17'
6" CPP
6" PVC
SAN
C
C
MATHCLINE STA. 518+80

STA 511+77.20, 48'RT CL CONST. IR-70 =
POT STA. 200+00.00, CL X-OVER-2
BEGIN SHIFT EB

CURVE DATA
P.I. = Sta. 201+52.79
Δ = 04°46'30" LT
Dc = 01°33'49"
R = 3,664.56'
T = 152.79'
L = 305.40'
E = 3.18'

STA. 518+07.37, 47' LT CL CONST. IR-70 =
STA 206+30.57, CL X-OVER-2
END SHIFT EB

CURVE DATA
P.I. = Sta. 204+68.08
Δ = 04°52'12" RT
Dc = 01°29'52"
R = 3,825.50'
T = 162.68'
L = 325.17'
E = 3.46'

C-C

2'
10'
11'
2'
2
2'
12'
2'
3'
12'
2'
2'
2'
1.5'
35'
WORK ZONE

HORIZONTAL SCALE IN FEET
0 10 20 40

MOT I-70
PHASE 2
SHEET 1

DESIGN AGENCY
TRC

DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	120457
SHEET	TOTAL
P.0	0

CTY-RTE-SECTION

MODEL: Untitled Design PAPERSIZE: 117.5x22 (in.) DATE: 4/11/2025 TIME: 4:19:06 PM USER: DPapuc
pw:\\trc-pw.bentley.com:trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation (ODOT)\617084 - BEL-70-0935\4 - Design & Study Documents\120457\400-Engineering\MOT\Sheets\120457_MP122.dgn

30" RCP
MATHCLINE STA. 518+80
N66°48'14"E
111
16'
519
520
521
522
17'
12'
11'
208
209
210
211
114
115
116
117
118
119
120
121
213
214
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
STA. 519+76.57, 22' RT CL CONST. IR-70 =
STA 208+00.09 CL X-OVER-2
BEGIN SHIFT EB
PC 208+00.09
3846' R
4'
6'
6'
PRC 211+18.23
8" PP
M.N.S.
D
D
15'
15" RCP
CB-5
3821' R
POT 214+23.57
END SHIFT EB
STA 525+99.32, 48' RT
RAMP B
RAMP C
℄ CONST. IR-70
℄ X-OVER-1
(INSTALLED IN PHASE 1)
D-D
2'
10'
11'
2'
2
2'
12'
2'
3'
12'
2'
2'
2'
1.5'
35'
WORK ZONE

CURVE DATA
P.I. = Sta. 209+59.25
Δ = 04°45'53" RT
Dc = 01°29'52"
R = 3,825.50'
T = 159.16'
L = 318.14'
E = 3.31'

CURVE DATA
P.I. = Sta. 212+70.99
Δ = 04°46'01" LT
Dc = 01°33'40"
R = 3,670.08'
T = 152.76'
L = 305.34'
E = 3.18'

HORIZONTAL
SCALE IN FEET
0 10 20 40

MOT I-70
PHASE 2
SHEET 2

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120457

SHEET P.0

TOTAL 0

CTY-RTE-SECTION

MODEL: Untitled Design PAPERSIZE: 117.5x22 (in.) DATE: 4/11/2025 TIME: 4:27:02 PM USER: DPapuc
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RAMP D
POT 300+00.00
300
CLP_1
N66°48'17"E
301
302
12'
12'
STA 507+89.46, 42'LT CL CONST. IR-70 =
POT STA. 100+00.00, CL X-OVER-1
BEGIN SHIFT WB
PC 301+02.06
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
515
517
518
+46.56
303
304
305
306
307
308
309
310
311
312 CLP_1
313
314 CLP_1
315
CURVE DATA
P.I. = Sta. 303+55.30
Δ = 07°35'10" RT
Dc = 01°30'00"
R = 3,819.72'
T = 253.24'
L = 505.74'
E = 8.39'
3693' R
PRC 306+07.80
3'
24'
CURVE DATA
P.I. = Sta. 308+59.39
Δ = 07°32'13" LT
Dc = 01°30'00"
R = 3,819.72'
T = 251.59'
L = 502.46'
E = 8.28'
BEGIN SHIFT EB
STA 506+26.82, 42' RT
RAMP A
END SHIFT EB
STA 513+96.82, 53' RT
N66°48'14"E
14'
BEGIN SHIFT WB
PI 313+10.26
N67°37'21"E
STA. 518+07.03, 27' RT CL CONST. IR-70 =
STA 315+20.28, CL X-OVER-3
END SHIFT WB
6" CPP
U.S N.F
12" RCP U.S
48"x60" CMP
PI 315+20.28
10'
11'
MATHCLINE STA. 518+80
E
E-E
46'
WORK ZONE
4'
10'
11'
1'
2'
1'
11'
10'
4'

HORIZONTAL
SCALE IN FEET
0 10 20 40

MOT I-70
PHASE 3
SHEET 1

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120457

SHEET	TOTAL
P.0	0

CTY-RTE-SECTION

MODEL: Untitled Design PAPERSIZE: 117.5x22 (in.) DATE: 4/11/2025 TIME: 4:34:12 PM USER: DPapuc
pw:\\trc-pw.bentley.com:trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation (ODOT)\617084 - BEL-70-0935\4 - Design & Study Documents\120457\400-Engineering\MOT\Sheets\120457_MP132.dgn

30" RCP
MATHCLINE STA. 518+80
519
316
N66°48'14"E
PI 316+89.83
STA. 519+76.58, 27' RT CL CONST. IR-70 =
STA 316+89.83 CL X-OVER-3
BEGIN SHIFT WB
4'
10'
11'
11'
10'
4'
F
F
520
521
522
523
524
317
318
319
320
321
N65°59'05"E
N66°48'14"E
PI 318+99.63
PC 320+99.63
12'
12'
BEGIN SHIFT EB
STA 521+86.36, 53' RT
STA 523+92.58
RAMP C
RAMP B
CURVE DATA
P.I. = Sta. 323+51.22
Δ = 07°32'13" LT
Dc = 01°30'00"
R = 3,819.72'
T = 251.59'
L = 502.46'
E = 8.28'
525
526
527
528
529
530
322
323
324
325
326
327
3'
24'
3'
PRC 326+02.99
℄ CONST. IR-70
℄ X-OVER-3
328
329
330
331
12'
12'
CURVE DATA
P.I. = Sta. 328+53.76
Δ = 07°32'22" RT
Dc = 01°30'00"
R = 3,819.72'
T = 251.67'
L = 502.62'
E = 8.28'
531
532
533
534
535
536
537
538
539
540
541
+36.57
12'
12'
END SHIFT EB
STA 531+56.36, 42' RT
POT 331+04.71
STA. 533+88.54, 42' RT CL CONST. IR-70 =
STA 331+04.71 CL X-OVER-3
END SHIFT WB
15" RCP
F-F
46'
WORK ZONE
4'
10'
11'
1'
2'
1'
11'
10'
4'

HORIZONTAL SCALE IN FEET
0 10 20 40

MOT I-70
PHASE 3
SHEET 2

DESIGN AGENCY
TRC

DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	120457
SHEET	TOTAL
P.0	0

CURVE DATA
P.I. = Sta. 303+55.30
Δ = 07°35'10" RT
Dc = 01°30'00"
R = 3,819.72'
T = 253.24'
L = 505.74'
E = 8.39'
℄ X-OVER-3
PRC 306+07.80
CURVE DATA
P.I. = Sta. 308+59.39
Δ = 07°32'13" LT
Dc = 01°30'00"
R = 3,819.72'
T = 251.59'
L = 502.46'
E = 8.28'
CURVE DATA
P.I. = Sta. 323+51.22
Δ = 07°32'13" LT
Dc = 01°30'00"
R = 3,819.72'
T = 251.59'
L = 502.46'
E = 8.28'
15" RCP
CURVE DATA
P.I. = Sta. 328+53.76
Δ = 07°32'22" RT
Dc = 01°30'00"
R = 3,819.72'
T = 251.67'
L = 502.62'
E = 8.28'
EXISTING GROUND
304+05.37
1222.84
SSD = 773' K = 79'
+1.27%
-0.24%
305+25.05
1223.45
210.00' VC
VPI Sta. 306+30.05 Elev. 1223.20
SSD = INF' K = 261'
-0.24%
+0.56%
307+35.05
1223.79
308+34.86
1224.35
PROPOSED PROFILE GRADE
1,261.57' VC
VPI Sta. 314+65.64 Elev. 1227.89
SSD = 943' K = 412'
+0.56%
-2.50%
320+96.42
1212.11
-2.49%
VPI 321+96.42
Elev. 1209.62
-2.68%
VPI 328+06.68
Elev. 1193.29

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
X-OVER-3

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120457

SHEET P.0
TOTAL 0

BEL-70-09.35

MODEL: PGL5 - Profile 1 PAPERSIZE: 168x34 (in.) DATE: 3/20/2025 TIME: 8:30:27 PM USER: DPapuc
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CURVE DATA
P.I. = Sta. 102+53.50
Δ = 07°35'38" LT
Dc = 01°30'00"
R = 3,819.72'
T = 253.50'
L = 506.26'
E = 8.40'
CURVE DATA
P.I. = Sta. 107+59.83
Δ = 07°35'46" RT
Dc = 01°30'00"
R = 3,819.72'
T = 253.57'
L = 506.4'
E = 8.41'
℄ CONST. IR-70
CURVE DATA
P.I. = Sta. 114+35.55
Δ = 07°35'38" RT
Dc = 01°30'00"
R = 3,819.72'
T = 253.5'
L = 506.26'
E = 8.4'
CURVE DATA
P.I. = Sta. 119+41.81
Δ = 07°35'38" LT
Dc = 01°30'00"
R = 3,819.72'
T = 253.50'
L = 506.26'
E = 8.40'
N
X-OVER-1
509
510
511
512
515
516
517
518
519
520
521
522
523
526
527
528
529
102
103
107
108
109
110
112
113
114
115
119
120
121

EXISTING GROUND
139.13' VC
VPI Sta. 102+75.94 Elev. 1225.40
SSD = 1010' K = 121'
102+06.37
1225.02
+0.55%
-0.60%
103+45.50
1224.99
210.00' VC
VPI Sta. 104+50.50 Elev. 1224.36
SSD = INF' K = 327'
-0.60%
+0.05%
105+55.50
1224.41
994.40' VC
VPI Sta. 110+52.70 Elev. 1224.64
SSD = 946' K = 415'
+0.05%
-2.35%
PROPOSED PROFILE GRADE
500.00' VC
VPI Sta. 117+99.90 Elev. 1207.08
SSD = 3551' K = 1530'
-2.35%
-2.68%
1245
1240
1235
1230
1225
1220
1215
1210
1205
1200
1195
1190
1185
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121

HORIZONTAL SCALE IN FEET
0 10 20 40

PLAN AND PROFILE
X-OVER-1

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120457

SHEET P.0
TOTAL 0

BEL-70-09.35

MODEL: CLP_149 - Plan 1 PAPERSIZE: 128.5x22 (in.) DATE: 3/20/2025 TIME: 5:48:56 PM USER: DPapuc
pw:\\trc-pw.bentley.com:trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation (ODOT)\617084 - BEL-70-0935\4 - Design & Study Documents\120457\400-Engineering\MOT\Basemaps\120457_BM201.dgn

105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
11'
STA 107+50.00
STA 1+08.90
OFF 0.00' LT
BEGIN SHIFT
STA 115+94.98
OFF 15.00' LT
END SHIFT
DRUMS AT 35' C/C
℄ CONST. SR-149
TEMPORARY PAVEMENT
STA 124+40.00
OFF 15.00' LT
BEGIN SHIFT
STA 126+00.00
OFF 9.00' LT
END SHIFT
℄ CONST. SR-149
10'
1'
11'
11'
5'
16'
STA 113+50
℄ CONST. SR-149
15'
1'
11'
11'
4'
TYPICAL
℄ CONST. SR-149
9'
1'
11'
11'
4'
STA 128+00

HORIZONTAL SCALE IN FEET
0 10 20 40

MOT SR-149
PHASE 4 SHEET 1

DESIGN AGENCY
TRC

DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	120547
SHEET	TOTAL
P.0	0

BEL-70-09.35

MODEL: CLP_150 - Plan 2 PAPERSIZE: 88.5x22 (in.) DATE: 3/20/2025 TIME: 5:56:01 PM USER: DPapuc
pw:\\trc-pw.bentley.com:trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation (ODOT)\617084 - BEL-70-0935\4 - Design & Study Documents\120457\400-Engineering\MOT\Basemaps\120457_BM201.dgn

RAMP D
RAMP C
STA 130+45.83
OFF 9.00' LT
BEGIN SHIFT
STA 131+99.96
OFF 19.00' LT
END SHIFT
STA 132+50.23
OFF 19.00' LT
BEGIN SHIFT
TEMPORARY PAVEMENT
STA 134+15.97
OFF 8.00' LT
END SHIFT
BEGIN SHIFT
STA 137+89.01
OFF 0.57' RT
END SHIFT
℄ CONST. SR-149
DRUMS AT 35' C/C
11'
12'
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
℄ CONST. SR-149
19'
1'
11'
11'
4'
4'
12'
3'
STA 132+00
HORIZONTAL SCALE IN FEET
0
10
20
40

MOT SR-149
PHASE 4 SHEET 2

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120547

SHEET	TOTAL
P.0	0

BEL-70-09.35

MODEL: CLP_149 - Plan 1 PAPERSIZE: 128.5x22 (in.) DATE: 3/20/2025 TIME: 6:54:37 PM USER: DPapuc
pw:\\trc-pw.bentley.com:trc-pw-01\Documents\5 - Projects - External\Ohio Department of Transportation (ODOT)\617084 - BEL-70-0935\4 - Design & Study Documents\120457\400-Engineering\MOT\Basemaps\120457_BM202.dgn

DRUMS AT 35' C/C
PAVEMENT JOINT
PI STA. 122+23.32
33'
12'
118
119
120
121
122
123
RECO DRIVE
RAMP A
RAMP B
℄ CONST. SR-149
1'
11'
11'
10'
5'
16'
STA 113+50
℄ CONST. SR-149
10'
10'
1'
11'
2'
12'
4'
11'
1'
STA 113+50
℄ CONST. SR-149
9'
18'
1'
11'
3'
12'
11'
1'
STA 128+00
12" RCP
Terminus N.F
M.N.S.
12" PVC
GAS EOI

HORIZONTAL SCALE IN FEET
0 10 20 40

MOT SR-149
PHASE 5 PART 1 SHEET 1

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120547

SHEET	TOTAL
P.0	0

END CONCRETE PAVEMENT
BEGIN WIDENING AND RESURFACING
STA 130+45.93
OFF 9.00' LT
BEGIN SHIFT
STA 131+99.96
OFF 19.00' LT
END SHIFT
STA 132+50.18
OFF 19.00' LT
BEGIN SHIFT
STA 132+50.51
OFF 14.00' LT
STA 134+16.07
OFF 8.00' LT
END SHIFT
BEGIN SHIFT
PT STA. 134+78.24
PI STA. 135+78.24
PI STA. 137+03.21
STA 137+95.76
OFF 4.02' LT
END SHIFT
PI STA. 138+76.10
TS STA. 144+56.13
STA 130+24.60
OFF 17.99' RT
BEGIN SHIFT
STA 131+96.34
OFF 1.00' RT
END SHIFT
PAVEMENT JOINT
℄ CONST. SR-149
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
13'
11'
20 PARKING SPACES W/ CONC. PARKING BLOCKS
UNK PAINT E.O.I. - POSSILBE F.O
W. EOI
TR EOI
24" PVC
24" RCP
18" RCP-U.S.N.F
54" RCP
6" PVC
18" PVC
12" PVC
30" CMP
36" CMP
12" CPP
8" PVC U.S NOT FOUND
6" UNK-U.S N.F
UNK" RCP
15" RCP
℄ CONST SR-149
19'
1'
11'
5'
10'
4'
1'
11'
1'
STA 132+00

HORIZONTAL
SCALE IN FEET
0 10 20 40

MOT SR-149
PHASE 5 PART 1 SHEET 2

DESIGN AGENCY
TRC

DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	120547
SHEET	P.0
TOTAL	0

BEL-70-09.35

MODEL: CLP_150 - Plan 1 PAPERSIZE: 88.5x22 (in.) DATE: 3/20/2025 TIME: 6:57:35 PM USER: DPapuc
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BEL-70-09.35

MODEL: Plan 1 PAPERSIZE: 128.5x22 (in.) DATE: 3/20/2025 TIME: 9:07:18 PM USER: DPapuc
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105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
2,534.03'
N19°33'49"W
4'
11'
11'
4'
STA 107+50.00
OFF 0.00' LT
STA 112+25.63
OFF 0.00' LT
BEGIN SHIFT
STA 113+49.99
OFF 10.00' RT
END SHIFT
15" CMP
PAVEMENT JOINT
℄ CONST. SR-149
12'
PI STA. 122+23.32
PI STA. 123+48.46
PC STA. 126+25.68
125.14'
N16°48'56"W
277.22'
N19°33'49"W
RAMP A
RAMP B
℄ CONST. SR-149
10'
5'
11
11'
1'
STA 113+50
℄ CONST. SR-149
18'
7'
11'
11'
1'
TYPICAL
℄ CONST. SR-149
18'
13'
11'
11'
1'
STA 128+00
HORIZONTAL SCALE IN FEET
0
10
20
40

MOT SR-149
PHASE 5 PART 2 SHEET 1

DESIGN AGENCY
TRC

DESIGNER
XXX
REVIEWER
XXX MM-DD-YY
PROJECT ID
120547
SHEET P.0
TOTAL 0

RAMP D
PAVEMENT JOINT
RAMP C
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
11'
13'
12'
15'
STA 130+24.56
OFF 18.00' RT
BEGIN SHIFT
STA 131+96.34
OFF 1.00' RT
END SHIFT
PI STA. 134+78.24
PI STA. 135+78.24
PI STA. 137+03.21
STA 134+78.24
OFF 0.00' RT
BEGIN SHIFT
STA 138+04.49
OFF 7.00' RT
END SHIFT
PI STA. 138+76.10
TS STA. 144+56.13
100.00'
N28°04'49"W
124.97'
N30°49'53"W
172.89'
N28°04'49"W
580.03'
N28°04'49"W
℄ CONST. SR-149
20 PARKING SPACES W/ CONC. PARKING BLOCKS
℄ CONST. SR-149
14'
4'
11'
1'
12'
STA 132+00

BEL-70-09.35

MODEL: Plan 2 PAPERSIZE: 88.5x22 (in.) DATE: 4/16/2025 TIME: 11:32:19 AM USER: DPapuc
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HORIZONTAL
SCALE IN FEET
0 10 20 40

MOT SR-149
PHASE 5 PART 2 SHEET 2

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120547

SHEET P.0
TOTAL 0

MODEL: Plan 1 PAPERSIZE: 88.5x22 (in.) DATE: 3/20/2025 TIME: 9:35:33 PM USER: DPapuc
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℄ RAMP C
3'
2'
12'
2'
SECTION A-A
℄ RAMP C
3'
2'
12'
2'
SECTION B-B
132
131
130
129
POT STA. 0+00.00
STA 0+49.60
12'
1
2
3
4
5
6
7
8
9
10
11
12
13
A
A
B
B
560.95'
N77°29'33"E
℄ CONST. SR-149
30" RCP
30" RCP
6" UNK-U.S.N.F.
12" PVC
15" RCP
STA 3+46.64
OFF 5.00' RT
BEGIN SHIFT
TS STA. 5+60.95
STA 5+22.64
OFF 21.00' RT
END SHIFT
SC STA. 7+10.95
STA 7+22.73
OFF 21.02' RT
BEGIN SHIFT
TEMPORARY PAVEMENT
IMPACT ATTENUATOR
℄ CONST. RAMP C
DRUMS AT 50'C/C
12'
12'
POT STA. 13+48.52
STA 13+45.71
OFF 0.00' RT
END SHIFT

SPIRAL DATA
P.I. = STA. 6+60.95
Ls = 150.00'
Θs = 01°07'30"
LT = 100.00'
ST = 50.00'
x = 149.99'
y = 0.98'
k = 75.00'
p = 0.25'
C = 150.00'
Start = Sta. 5+60.95
End = Sta. 7+10.95
C.B. = N77°07'03"E

HORIZONTAL
SCALE IN FEET
0 10 20 40

MOT RAMP-C
PHASE 4 STEP 1

DESIGN AGENCY
TRC

DESIGNER
XXX
REVIEWER
XXX MM-DD-YY
PROJECT ID
120547
SHEET P.0
TOTAL 0

BEL-70-09.35

TEMPORARY PAVEMENT
PC STA. 126+25.68
℄ CONST. SR-149
POT STA. 0+00.00
143.11'
N52°26'17"E
N45°37'04"E
N65°37'04"E
300.00'
CURVE DATA
P.I. = STA. 2+00.01
Δ = 06°49'13" LT
Dc = 06°00'00"
R = 954.93'
T = 56.90'
L = 113.67'
E = 1.69'
SPIRAL DATA
P.I. = STA. 5+54.90
Ls = 200.00'
Θs = 04°00'00"
LT = 133.37'
ST = 66.70'
x = 199.90'
y = 4.65'
k = 99.98'
p = 1.16'
C = 199.96'
Start = Sta. 4+21.53
End = Sta. 6+21.53
C.B. = N46°57'04"E
CURVE DATA
P.I. = STA. 7+72.08
Δ = 12°00'00" RT
Dc = 04°00'00"
R = 1,432.39'
T = 150.55'
L = 300'
E = 7.89'
SPIRAL DATA
P.I. = STA. 9+88.23
Ls = 200.00'
Θs = 04°00'00"
LT = 133.37'
ST = 66.70'
x = 199.74'
y = 9.30'
k = 99.98'
p = 1.16'
C = 199.96'
Start = Sta. 9+21.53
End = Sta. 11+21.53
C.B. = N64°17'05"E
TS STA. 4+21.53
SC STA. 6+21.53
CS STA. 9+21.53
ST STA. 11+21.53
A
A
B
B
℄ RAMP B
2'
12'
2'
3'
4'
4'
SECTION A-A
℄ RAMP B
2'
12'
2'
3'
16'
SECTION B-B
125
126
127
128
5
6
7
8
9
10
11
12
13
14
N

HORIZONTAL SCALE IN FEET
0 10 20 40

MOT RAMP-B
PHASE 4 STEP 1

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120547

SHEET P.0
TOTAL 0

BEL-70-09.35

MODEL: Plan 1 PAPERSIZE: 88.5x22 (in.) DATE: 3/20/2025 TIME: 10:09:07 PM USER: DPapuc
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STA 3+02.45
OFF 12.00' LT
BEGIN SHIFT
STA 5+22.45
OFF 8.00' RT
END SHIFT
STA 6+65.83
OFF 8.00' RT
12'
A
B
℄ CONST. SR-149
℄ CONST. RAMP C
132
131
130
129
℄ RAMP C
2'
12'
2'
10'
Optional Pavt Joint
6'
N

SECTION A-A

SECTION B-B

HORIZONTAL SCALE IN FEET
0 10 20 40

MOT RAMP-C
PHASE 4 STEP 2

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120547

SHEET P.0
TOTAL 0

B
B
A
A
℄ CONST. SR-149
℄ CONST. RAMP B
STA 7+31.05
OFF 4.14' RT
END SHIFT
STA 7+95.41
OFF 4.00' RT
BEGIN SHIFT
STA 4+85.77
OFF 16.00' RT
BEGIN SHIFT
12'
12'
12'
1
2
3
4
5
6
7
8
9
10
11
12
13
14
125
126
127
128
12" PVC - D.S MH N.F.
N
℄ CONST RAMP B
4'
4'
12'
2'
℄ CONST RAMP B
6'
2'
12'
2'
8'

SECTION A-A

SECTION B-B

HORIZONTAL
SCALE IN FEET
0
10
20
40

MOT RAMP-B
PHASE 4 STEP 2

DESIGN AGENCY
TRC

DESIGNER
XXX
REVIEWER
XXX MM-DD-YY
PROJECT ID
120547
SHEET P.0
TOTAL 0

BEL-70-09.35

MODEL: Plan 4 PAPERSIZE: 88.5x22 (in.) DATE: 3/20/2025 TIME: 10:12:15 PM USER: DPapuc
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BEL-70-09.35

MODEL: Plan 1 PAPERSIZE: 88.5x22 (in.) DATE: 3/20/2025 TIME: 10:28:10 PM USER: DPapuc
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0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
POT STA. 0+00.00
STA 6+63.21
OFF 0.00' LT
BEGIN SHIFT
16'
STA 8+97.89
OFF 13.70' LT
END SHIFT
12'
TS STA. 9+00.09
℄ CONST. RAMP A
ST STA. 10+50.09
STA 11+13.27
OFF 21.00' LT
BEGIN SHIFT
12'
A
A
STA 13+65.27
OFF 9.00' LT
END SHIFT
12'
B
B
560.05'
N81°25'38"E
12" RCP
54" CMP
STA 15+45.48
OFF 9.00' LT
12'
24" CMP
POT STA. 16+10.14
125
126
127
128
℄ CONST. SR-149
SAN
N
℄ CONST RAMP A
9'
2'
12'
2'
2'
1'
2'
SECTION B-B
℄ CONST RAMP A
21'
2'
12'
2'
2'
1'
SECTION A-A

CURVE DATA
P.I. = STA. 4+52.14
Δ = 13°30'05" RT
Dc = 01°30'00"
R = 3,819.72'
T = 452.14'
L = 900.09'
E = 26.67'

SPIRAL DATA
P.I. = STA. 9+50.09
Ls = 150.00'
Θs = 01°07'30"
LT = 100.00'
ST = 50.00'
x = 149.98'
y = 1.96'
k = 75.00'
p = 0.25'
C = 150.00'
Start = Sta. 9+00.09
End = Sta. 10+50.09
C.B. = N81°03'08"E

HORIZONTAL SCALE IN FEET
0 10 20 40

MOT RAMP-A
PHASE 5 PART 2 STEP 1

DESIGN AGENCY
TRC

DESIGNER	XXX
REVIEWER	XXX MM-DD-YY
PROJECT ID	120547
SHEET P.0	TOTAL 0

18" PVC
18" PVC
18" PVC
12" PVC
18" PVC
STA 9+37.61
OFF 1.84' RT
BEGIN SHIFT
STA 10+64.09
OFF 2.70' LT
END SHIFT
BEGIN SHIFT
STA 13+77.97
OFF 118.82' LT
END SHIFT
A
A
10
11
12
13
14
15
16
89.60'
N68°05'19"E
10'
10'
10'
10'
10'
10'
℄ CONST. RECO DRIVE
127.65'
N83°49'36"E
DRUMS AT 25'C/C
TEMPORARY PAVEMENT
POT STA. 9+31.08
PT STA. 10+00.00
PC STA. 10+89.61
PT STA. 11+44.54
PC STA. 12+72.19
PT STA. 14+17.36
PC STA. 14+51.16
PT STA. 15+46.31
POT STA. 16+71.11
33.80'
S54°35'07"E
124.80'
N70°53'48"E
CURVE DATA
P.I. = STA. 9+65.79
Δ = 16°37'05" RT
Dc = 24°06'38"
R = 237.64'
T = 34.71'
L = 68.92'
E = 2.52'
CURVE DATA
P.I. = STA. 11+17.25
Δ = 15°44'17" RT
Dc = 28°38'52"
R = 200.00'
T = 27.64'
L = 54.94'
E = 1.9'
CURVE DATA
P.I. = STA. 13+48.14
Δ = 41°35'17" RT
Dc = 28°38'52"
R = 200.00'
T = 75.95'
L = 145.17'
E = 13.94'
CURVE DATA
P.I. = STA. 15+02.68
Δ = 54°31'05" LT
Dc = 57°17'45"
R = 100.00'
T = 51.52'
L = 95.15'
E = 12.49'
60" CMP
72" CMP
℄ CONST. SR-149
122
121
120
119
12" PVC
12" PVC
12" PVC
12" RCP
SAN
CTV
FO
℄ CONST RECO DR
11'
16'
1'
1'
10'
10'
2'
1'
SECTION A-A

HORIZONTAL SCALE IN FEET
0 10 20 40

MOT RECO DRIVE
PHASE 5 STEP 1

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120547

SHEET P.0
TOTAL 0

POT STA. 0+00.00
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
℄ CONST. RAMP A
16'
15'
12'
12'
12'
STA 8+63.55
OFF 0.00' RT
BEGIN SHIFT
CS STA. 9+00.09
ST STA. 10+50.09
STA 10+63.56
OFF 4.00' RT
END SHIFT
STA 11+13.56
OFF 4.00' RT
BEGIN SHIFT
STA 13+65.20
OFF 16.00' RT
END SHIFT
560.05'
N81°25'38"E
POT STA. 16+10.14
A
A
B
B
12" RCP
24" CMP
8" PVC
6" PVC
12" PVC - D.S.MH N.Y.
I.P.F.
SAN
℄ CONST. SR-149
125
126
127
128
℄ CONST RAMP A
4'
1'
2'
2'
12'
2'
℄ CONST RAMP A
8'
2'
2'
2'
12'
2'

CURVE DATA
P.I. = STA. 4+52.14
Δ = 13°30'05" RT
Dc = 01°30'00"
R = 3,819.72'
T = 452.14'
L = 900.09'
E = 26.67'

SPIRAL DATA
P.I. = STA. 9+50.09
Ls = 150.00'
Θs = 01°07'30"
LT = 100.00'
ST = 50.00'
x = 149.98'
y = 1.96'
k = 75.00'
p = 0.25'
C = 150.00'
Start = Sta. 9+00.09
End = Sta. 10+50.09
C.B. = N81°03'08"E

SECTION A-A

SECTION B-B

HORIZONTAL
SCALE IN FEET
0 10 20 40

MOT RAMP-A
PHASE 5 PART 2 STEP 2

DESIGN AGENCY
TRC

DESIGNER
XXX
REVIEWER
XXX MM-DD-YY
PROJECT ID
120547
SHEET P.0
TOTAL 0

BEL-70-09.35

MODEL: Plan 1 PAPERSIZE: 88.5x22 (in.) DATE: 3/20/2025 TIME: 10:43:09 PM USER: DPapuc
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STA 8+83.84
OFF 1.48' LT
STA 9+14.98
OFF 0.36' RT
BEGIN SHIFT
STA 9+58.23
OFF 6.97' RT
END SHIFT
BEGIN SHIFT
POT STA 9+31.08
PT STA 10+00.00
STA 10+00.00
OFF 12.00' RT
END SHIFT
A
A
10
11
12
13
14
15
16
N68°05'19"E
PC STA 10+89.61
PT STA 11+44.54
N83°49'36"E
PC STA 12+72.19
STA 13+00.00
OFF 14.00' RT
BEGIN SHIFT
PT STA 14+17.36
PC STA 14+51.16
STA 14+40.99
OFF 0.00' RT
END SHIFT
℄ CONST. RECO DRIVE
PT STA 15+46.31
N70°53'48"E
POT STA 16+71.11
℄ CONST. SR-149
122
121
120
119
10'
11'
13'
14'
12" PVC
18" PVC
8" PVC
SAN
OH-E
℄ CONST RECO DR
12'
3'
1'
2'
10'
10'
1'
SECTION A-A

HORIZONTAL SCALE IN FEET
0 10 20 40

MOT RECO DRIVE
PHASE 5 STEP 2

DESIGN AGENCY
TRC

DESIGNER
XXX
REVIEWER
XXX MM-DD-YY
PROJECT ID
120547

SHEET	TOTAL
P.0	0

BEL-70-09.35

12" PVC
18" PVC
18" PVC
18" PVC
18" PVC
STA 9+14.98
OFF 0.26' RT
BEGIN SHIFT
STA 9+37.61
OFF 1.84' RT
A
A
10'
10'
10
11
12
13
14
15
16
STA 10+00.00
OFF 12.00' RT
END SHIFT
DRUMS AT 25'C/C
STA 12+72.19
OFF 0.00' LT
14'
14'
15'
STA 0+27.94
OFF 14.00' RT
BEGIN SHIFT
72" CMP
14'
14'
STA 14+29.18
OFF 0.35' RT
END SHIFT
℄ CONST. RECO DRIVE
℄ CONST. SR-149
122
121
120
119
12" PVC
SAN
℄ CONST RECO DR
3'
13'
1'
10'
1'
2'
1'
1'
2'
1'
10'
1'
SECTION A-A

HORIZONTAL
SCALE IN FEET
0

MOT RECO DRIVE
PHASE 5 PART 2 STEP 3

DESIGN AGENCY
TRC

DESIGNER
XXX

REVIEWER
XXX MM-DD-YY

PROJECT ID
120547

SHEET P.0
TOTAL 0

BEL-70-09.35