

Appendix D: FULL SCALE TEST RESULTS
Pie Charts: Percentages of Contributing Top Displacement

3% ALR Square / BP V / Load 1 / 0.75in Top Displ.

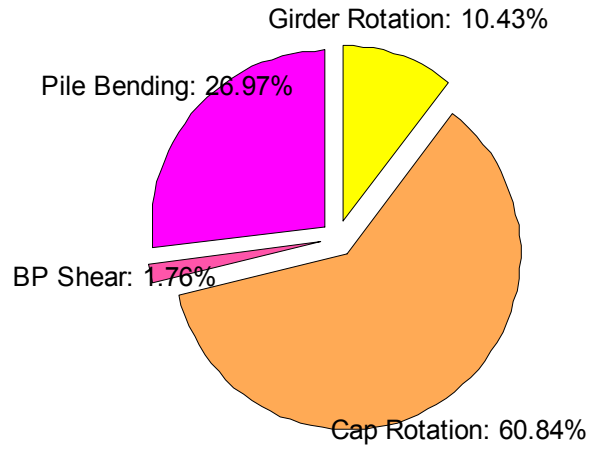


Figure 1

3% ALR Square / BP V / Load 1 / -0.75in Top Displ.

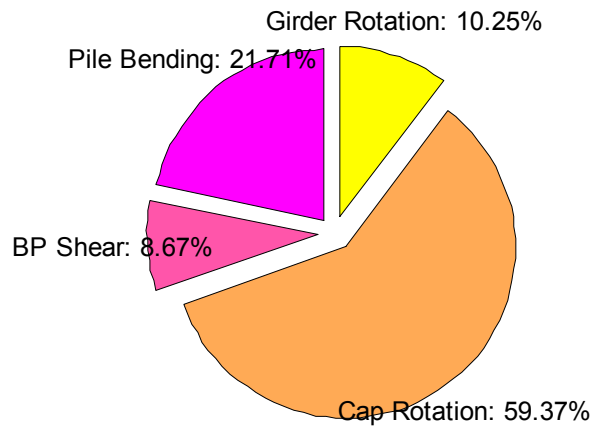


Figure 2

3% ALR Square / BP V / Load 1 / 1.5in Top Displ.

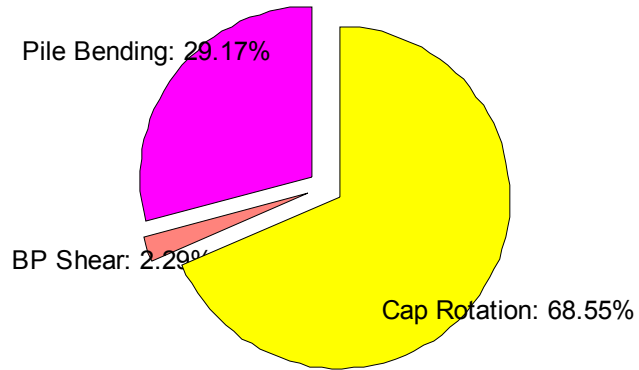


Figure 3

3% ALR Square / BP V / Load 1 / -1.5in Top Displ.

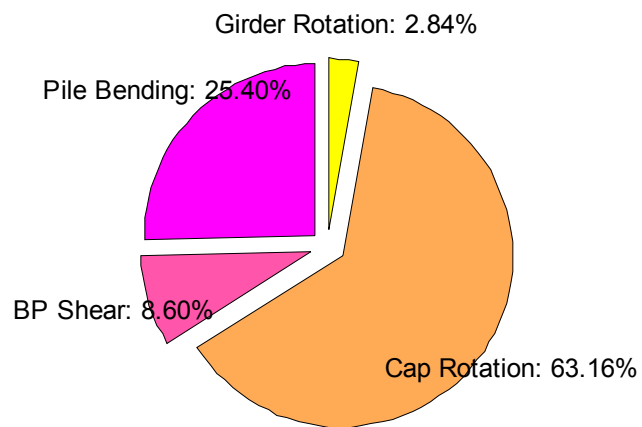


Figure 4

3% ALR Square / BP V / Load 1 / -1.5in Top Displ.

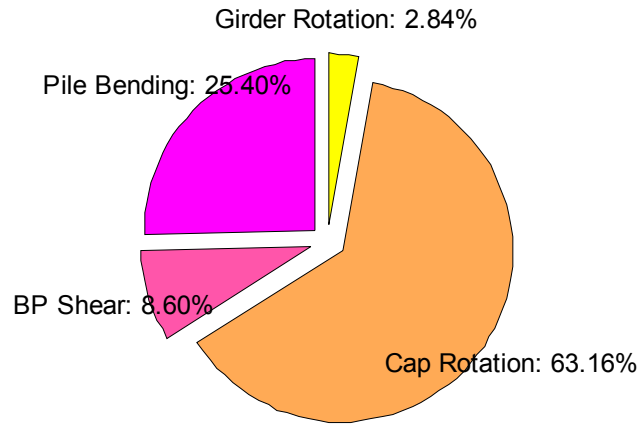


Figure 5

3% ALR Square / BP V / Load 1 / -2.25in Top Displ.

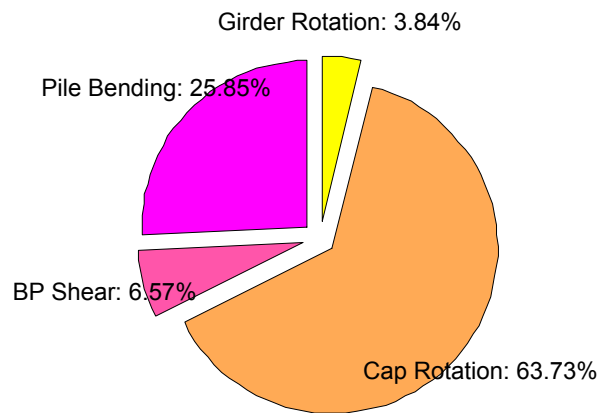


Figure 6

3% ALR Square / BP V / Load 1 / 3in Top Displ.

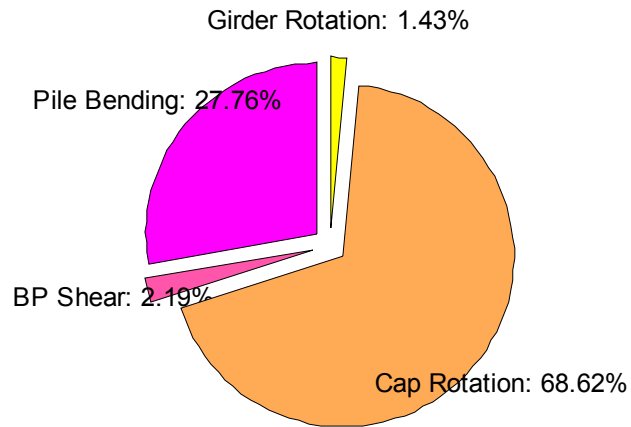


Figure 7

3% ALR Square / BP V / Load 1 / -3in Top Displ.

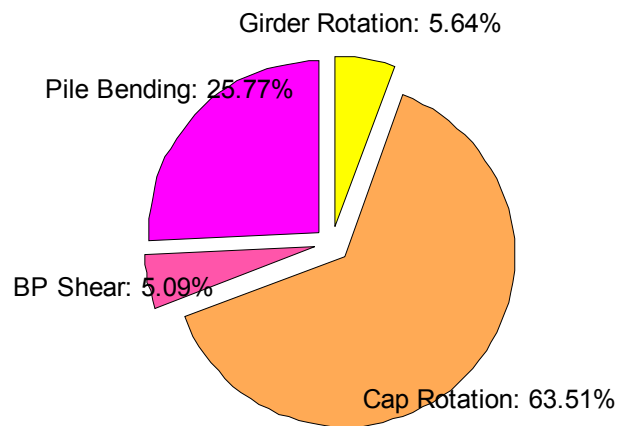


Figure 8

3% ALR Square / BP V / Load 2 / 0.75in Top Displ.

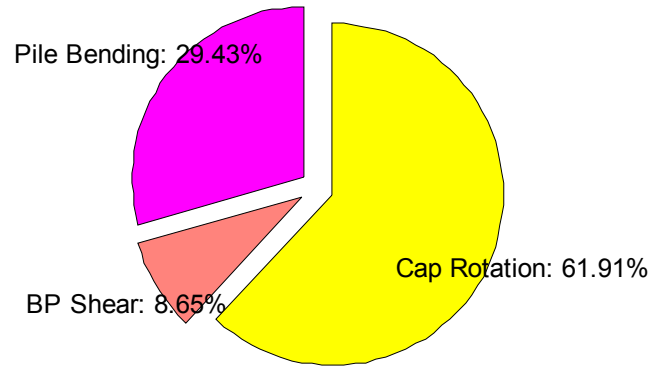


Figure 9

3% ALR Square / BP V / Load 2 / -0.75in Top Displ.

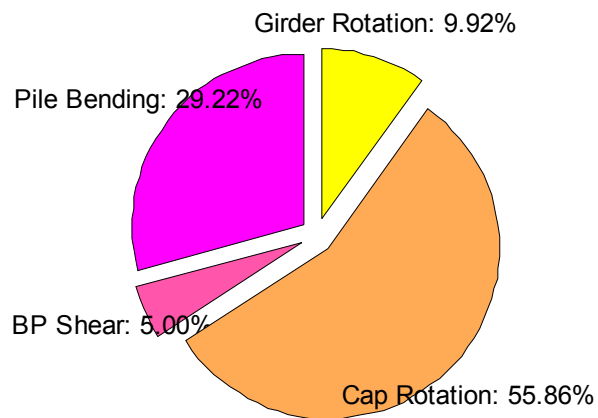


Figure 10

3% ALR Square / BP V / Load 2 / 1.5in Top Displ.

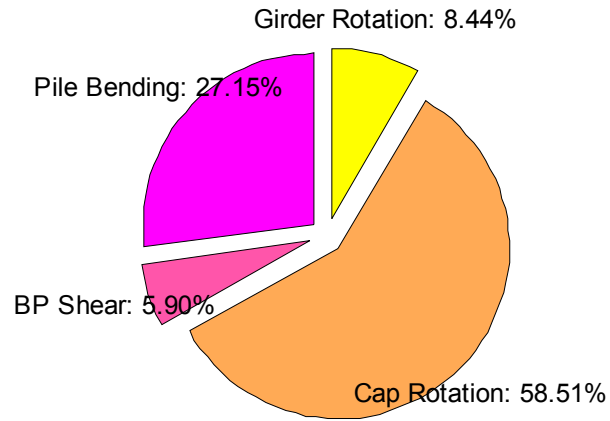


Figure 11

3% ALR Square / BP V / Load 2 / -1.5in Top Displ.

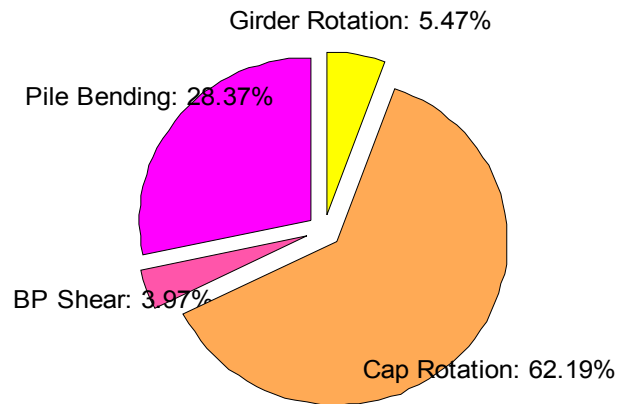


Figure 12

3% ALR Square / BP V / Load 2 / 2.25in Top Displ.

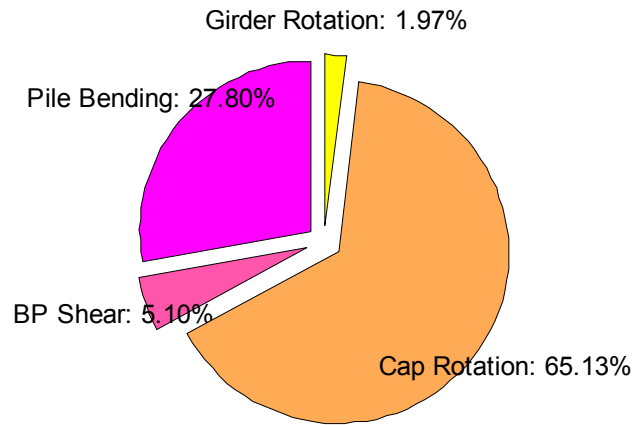


Figure 13

3% ALR Square / BP V / Load 2 / -2.25in Top Displ.

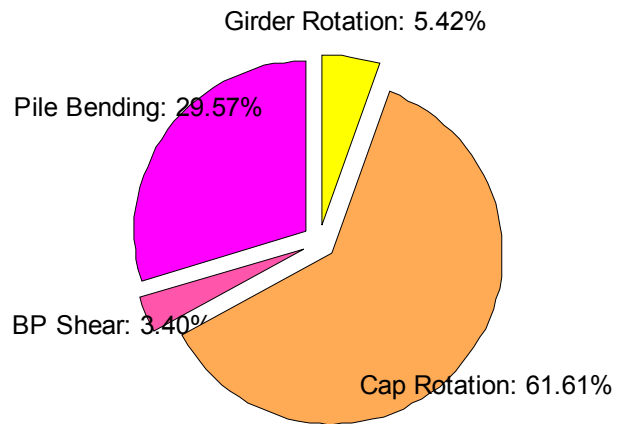


Figure 14

3% ALR Square / BP V / Load 2 / 3in Top Displ.

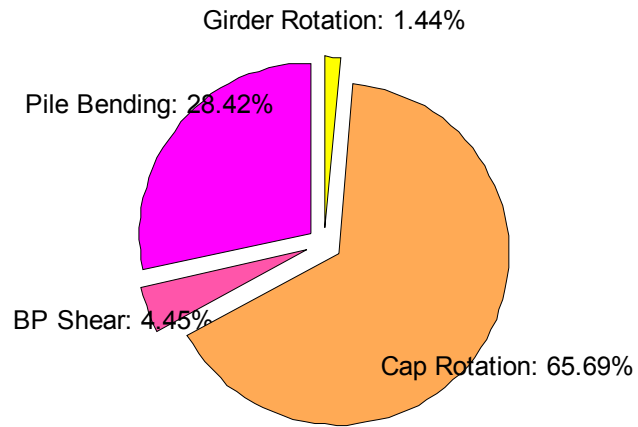


Figure 15

3% ALR Square / BP V / Load 2 / -3in Top Displ.

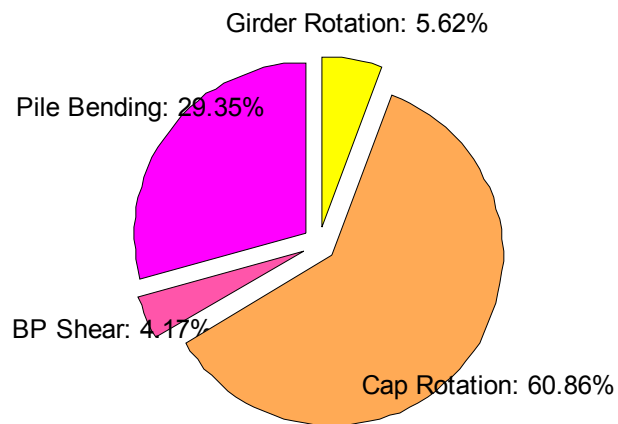


Figure 16

3% ALR Square / BP V / Load 3 / 0.75in Top Displ.

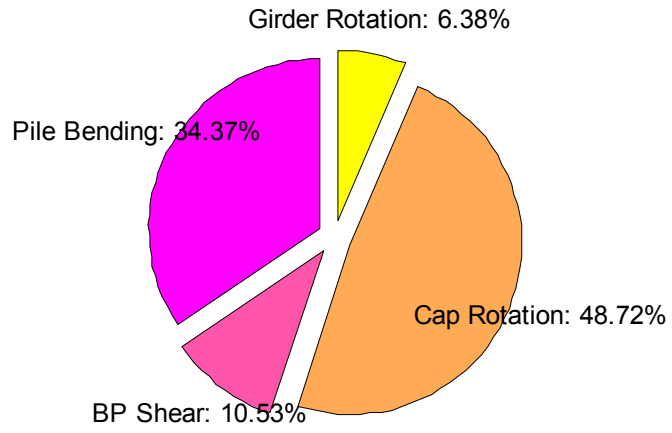


Figure 17

3% ALR Square / BP V / Load 3 / -0.75in Top Displ.

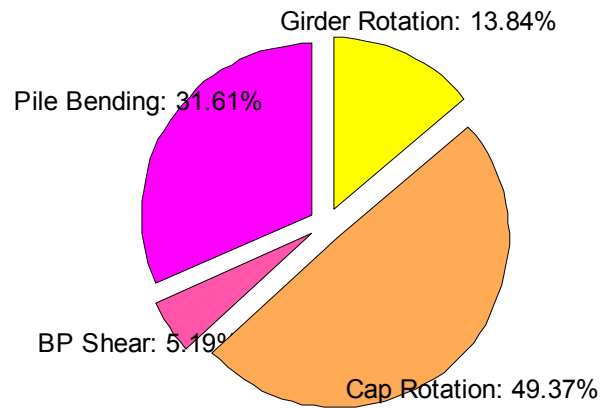


Figure 18

3% ALR Square / BP V / Load 3 / 1.5in Top Displ.

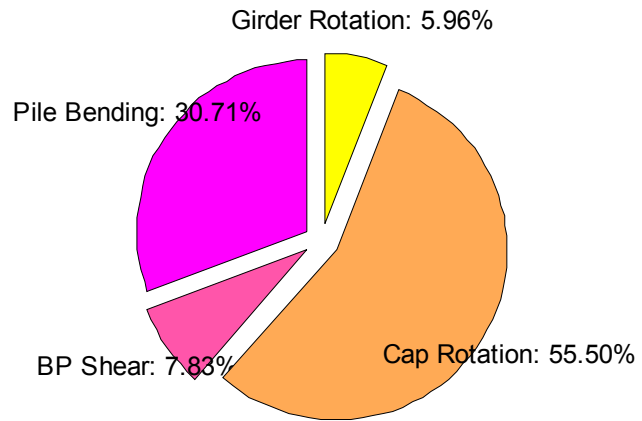


Figure 19

3% ALR Square / BP V / Load 3 / -1.5in Top Displ.

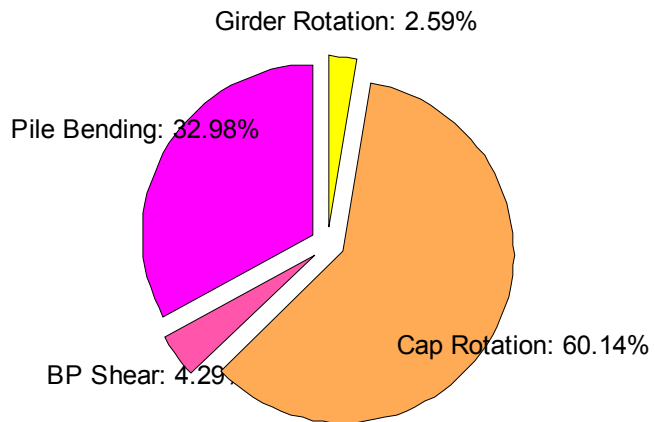


Figure 20

3% ALR Square / BP V / Load 3 / 2.25in Top Displ.

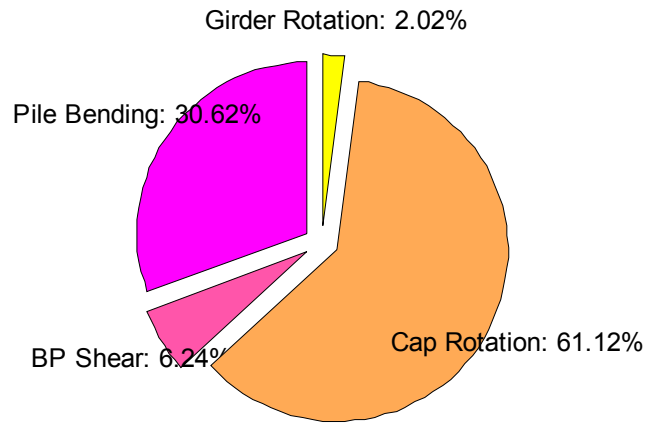


Figure 21

3% ALR Square / BP V / Load 3 / -2.25in Top Displ.

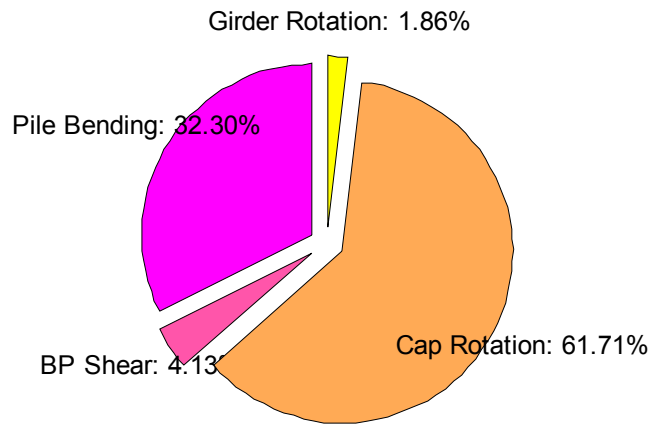


Figure 22

3% ALR Square / BP V / Load 3 / 3in Top Displ.

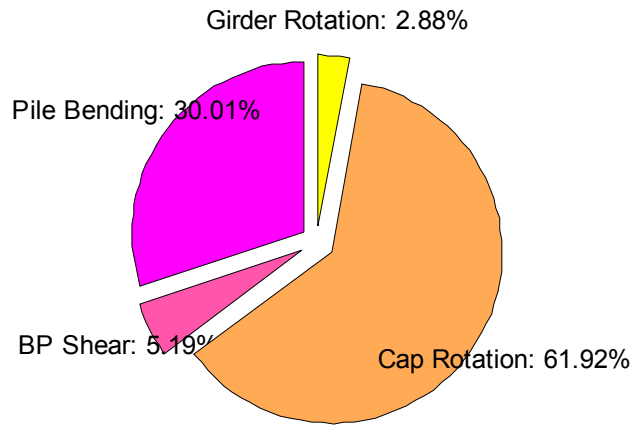


Figure 23

3% ALR Square / BP V / Load 3 / -3in Top Displ.

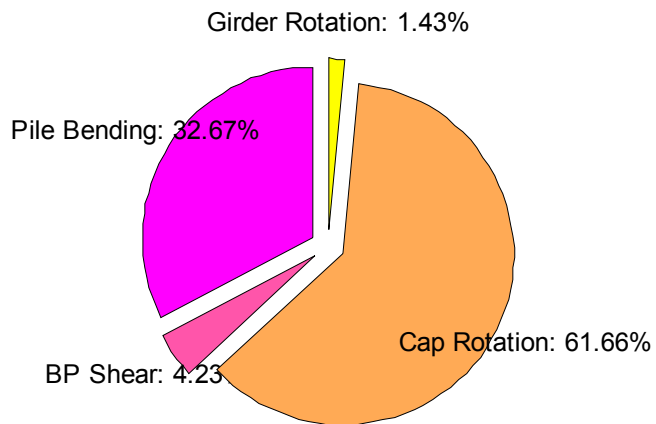


Figure 24

4% ALR Square / BP V / Load 1 / 0.75in Top Displ.

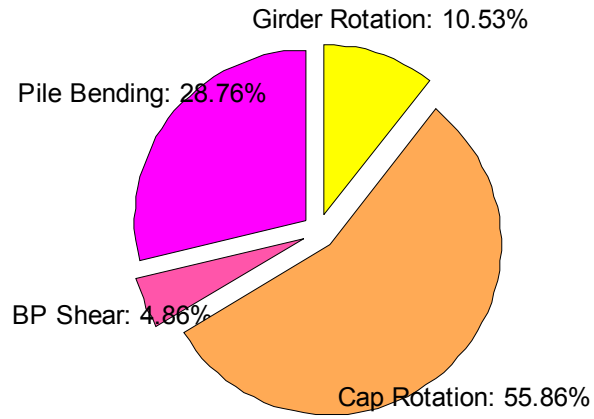


Figure 25

4% ALR Square / BP V / Load 1 / -0.75in Top Displ.

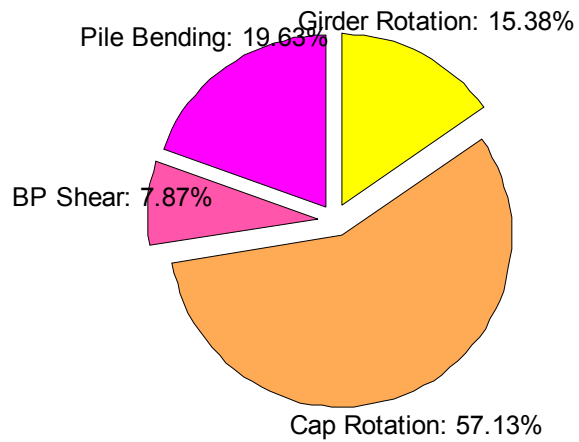


Figure 26

4% ALR Square / BP V / Load 1 / 1.5in Top Displ.

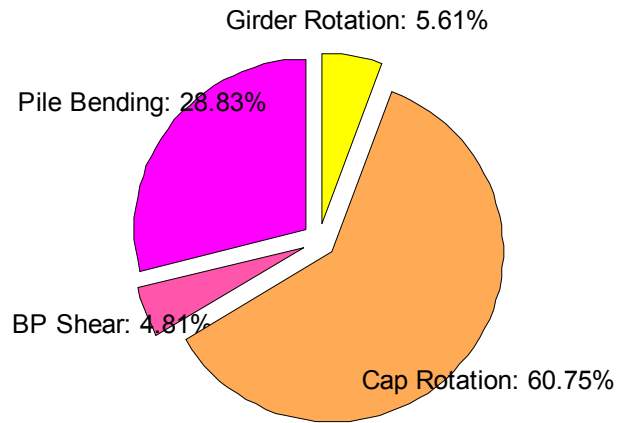


Figure 27

4% ALR Square / BP V / Load 1 / -1.5in Top Displ.

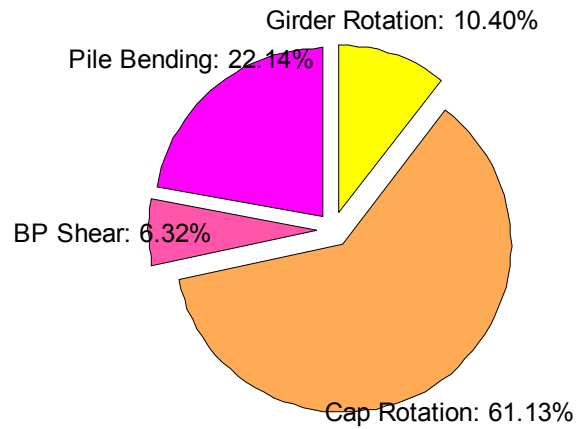


Figure 28

4% ALR Square / BP V / Load 1 / 2.25in Top Displ.

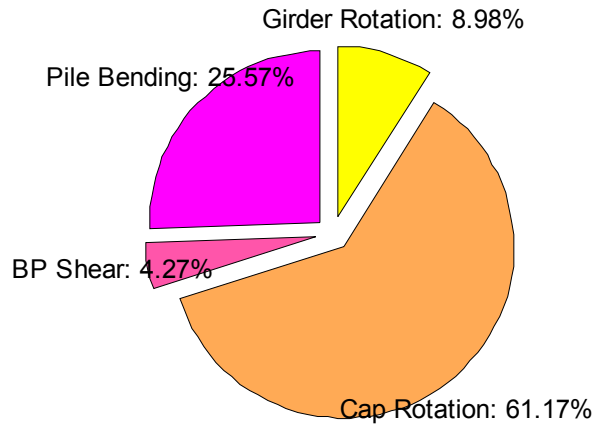


Figure 29

4% ALR Square / BP V / Load 1 / -2.25in Top Displ.

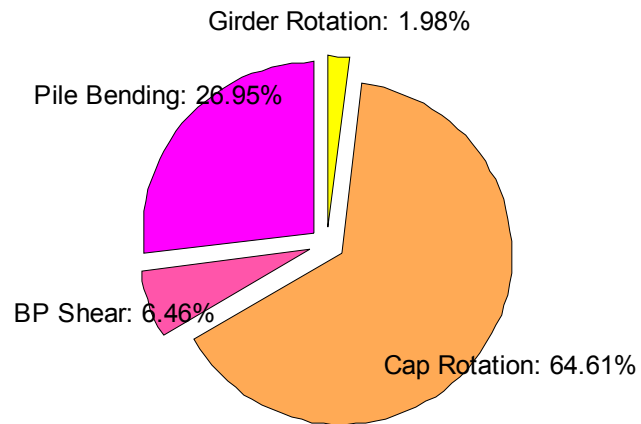


Figure 30

4% ALR Square / BP V / Load 1 / 3in Top Displ.

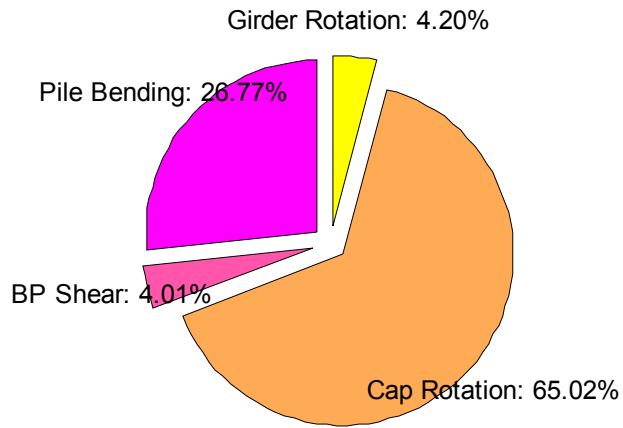


Figure 31

4% ALR Square / BP V / Load 1 / -3in Top Displ.

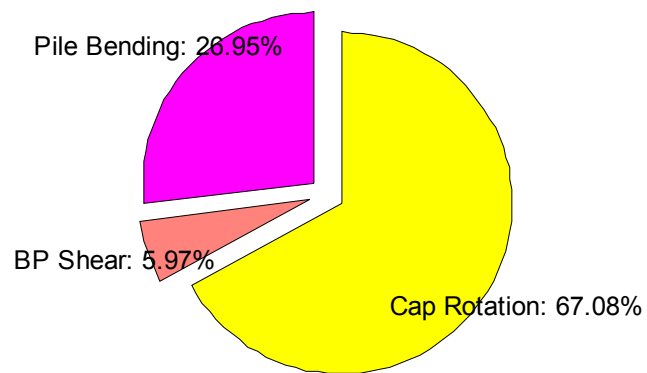


Figure 32

4% ALR Square / BP V / Load 2 / 0.75in Top Displ.

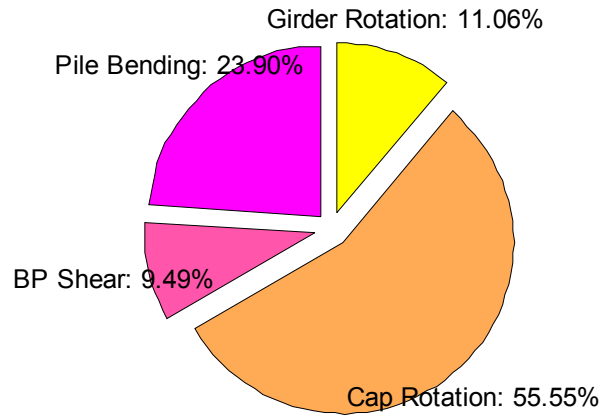


Figure 33

4% ALR Square / BP V / Load 2 / -0.75in Top Displ.

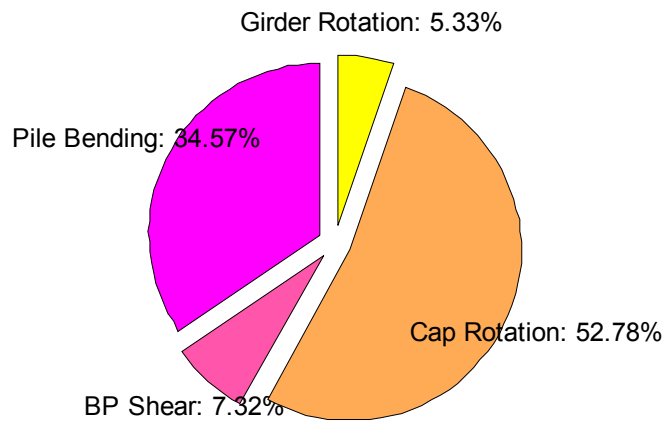


Figure 34

4% ALR Square / BP V / Load 2 / 1.5in Top Displ.

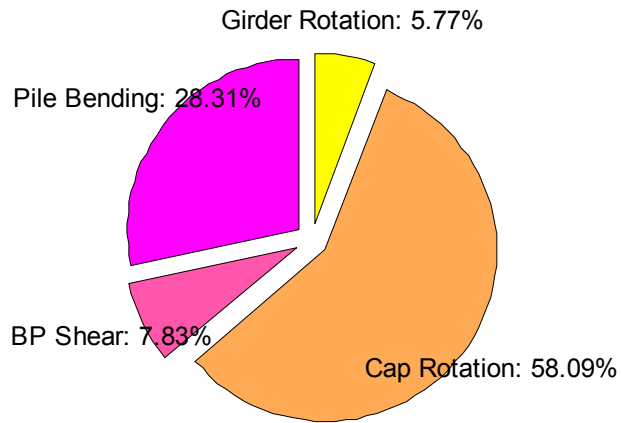


Figure 35

4% ALR Square / BP V / Load 2 / -1.5in Top Displ.

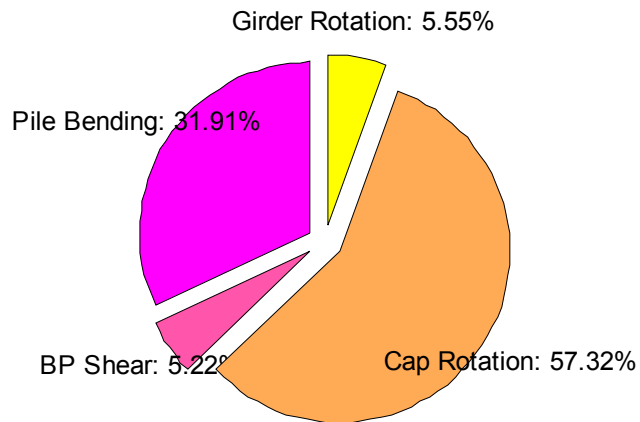


Figure 36

4% ALR Square / BP V / Load 2 / 2.25in Top Displ.

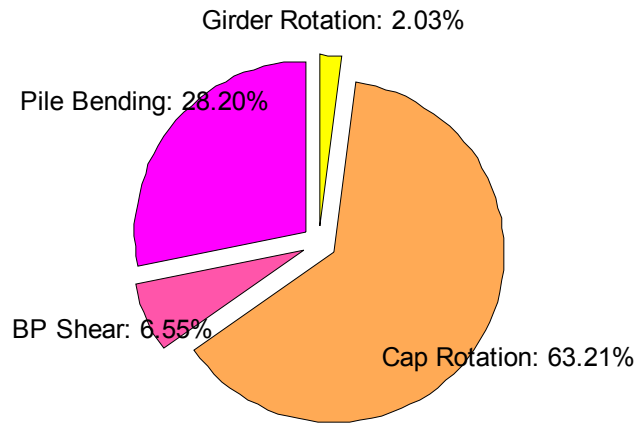


Figure 37

4% ALR Square / BP V / Load 2 / -2.25in Top Displ.

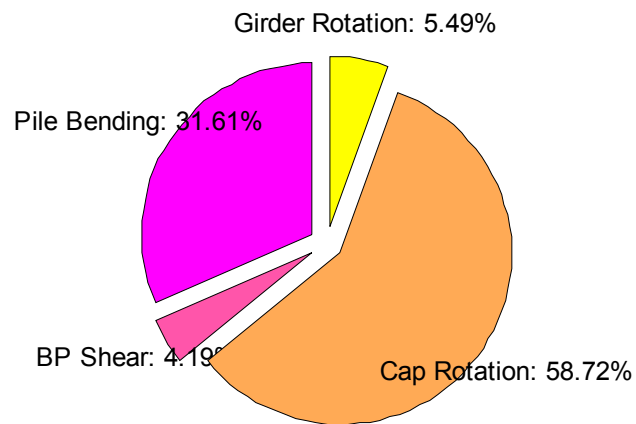


Figure 38

4% ALR Square / BP V / Load 2 / 3in Top Displ.

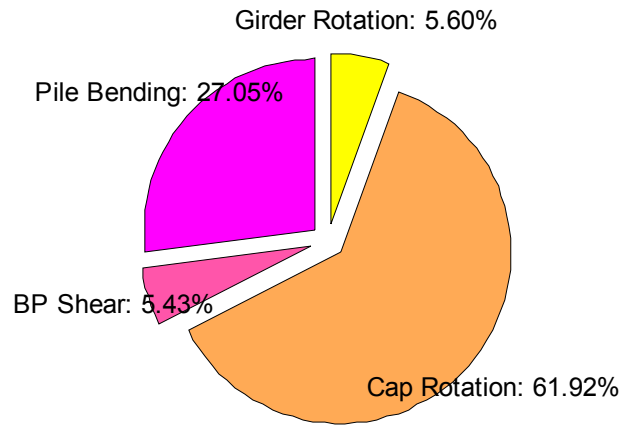


Figure 39

4% ALR Square / BP V / Load 2 / -3in Top Displ.

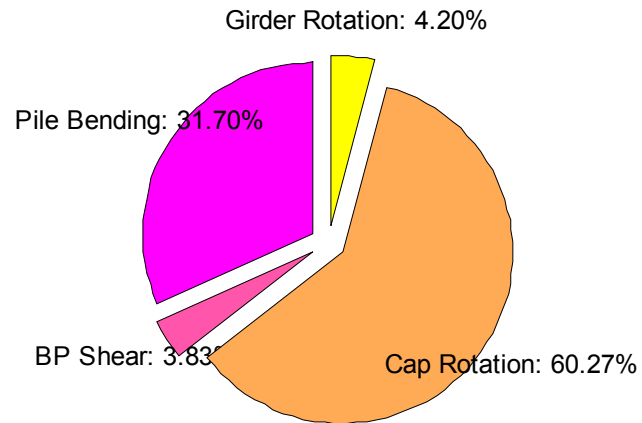


Figure 40

5% ALR Square / BP V / Load 1 / 0.75in Top Displ.

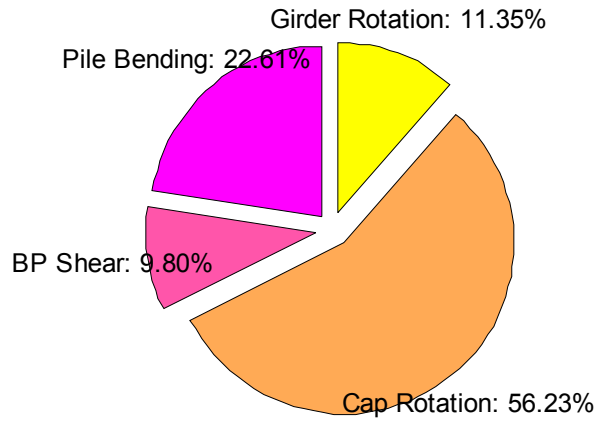


Figure 41

5% ALR Square / BP V / Load 1 / -0.75in Top Displ.

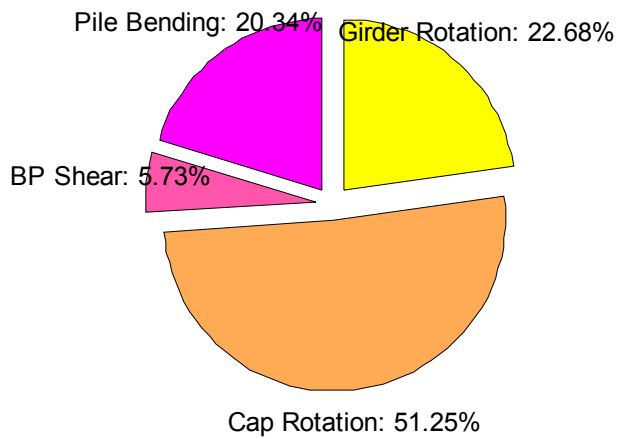


Figure 42

5% ALR Square / BP V / Load 1 / 1.5in Top Displ.

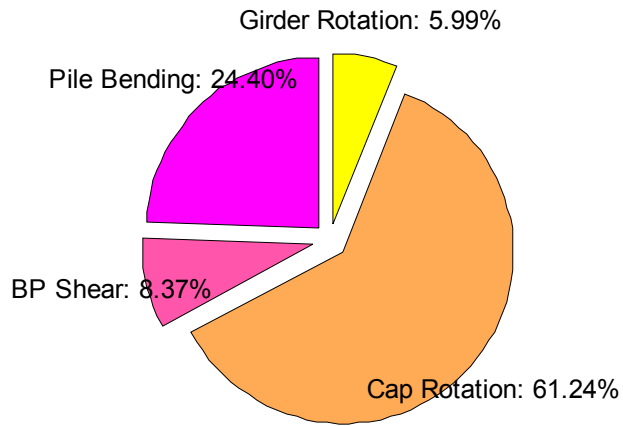


Figure 43

5% ALR Square / BP V / Load 2 / -1.5in Top Displ.

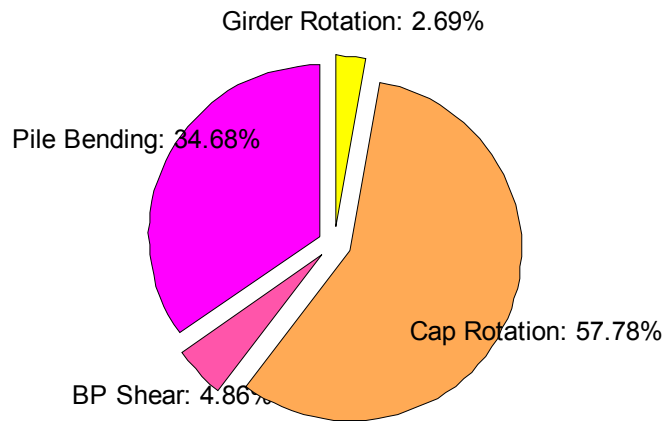


Figure 44

5% ALR Square / BP V / Load 1 / 2.25in Top Displ.

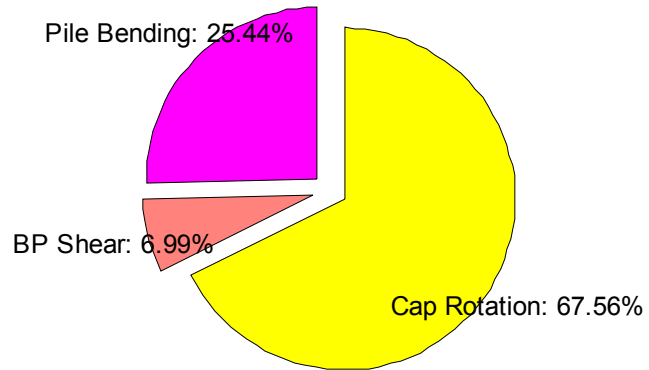


Figure 45

5% ALR Square / BP V / Load 1 / -2.25in Top Displ.

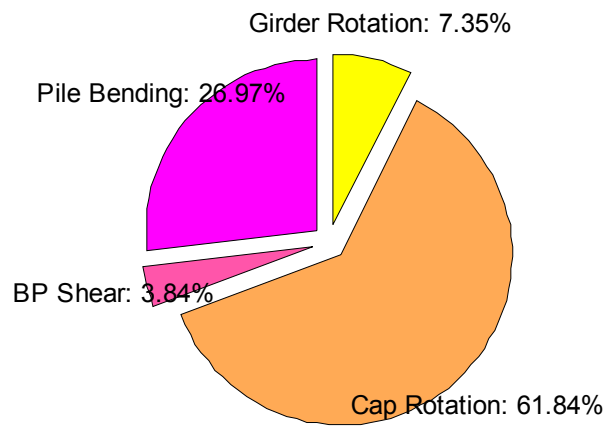


Figure 46

5% ALR Square / BP V / Load 1 / 3in Top Displ.

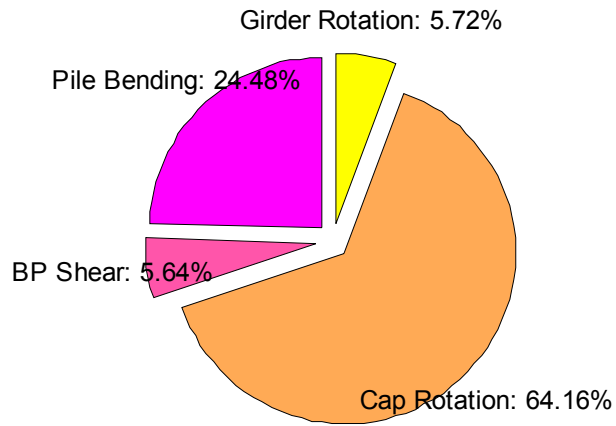


Figure 47

5% ALR Square / BP V / Load 1 / -3in Top Displ.

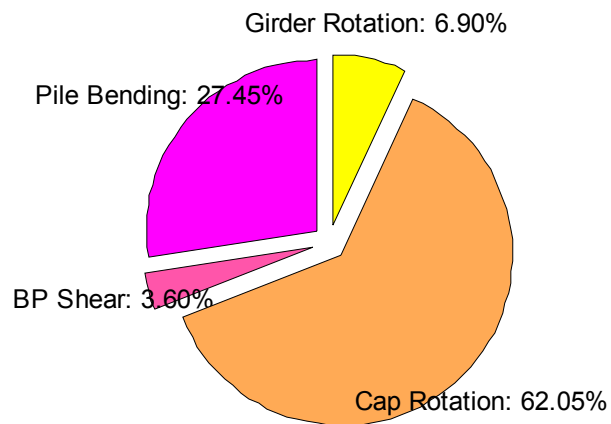


Figure 48

5% ALR Square / BP V / Load 1 / -3in Top Displ.

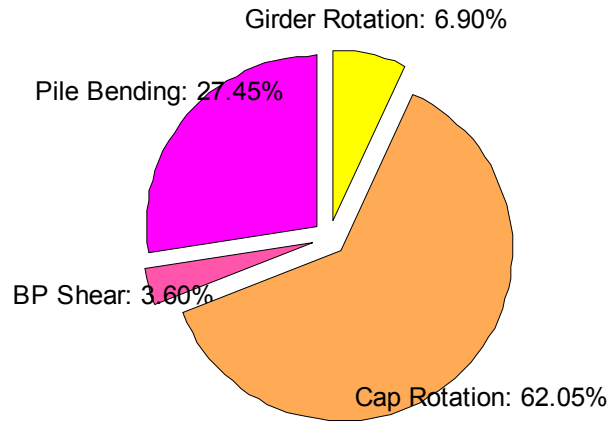


Figure 49

5% ALR Square / BP V / Load 2 / -0.75in Top Displ.

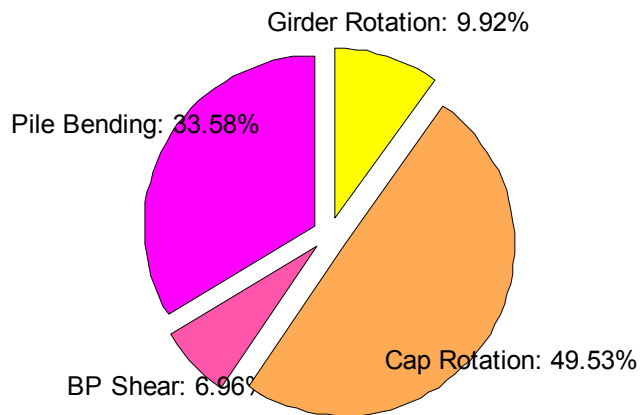


Figure 50

5% ALR Square / BP V / Load 2 / 1.5in Top Displ.

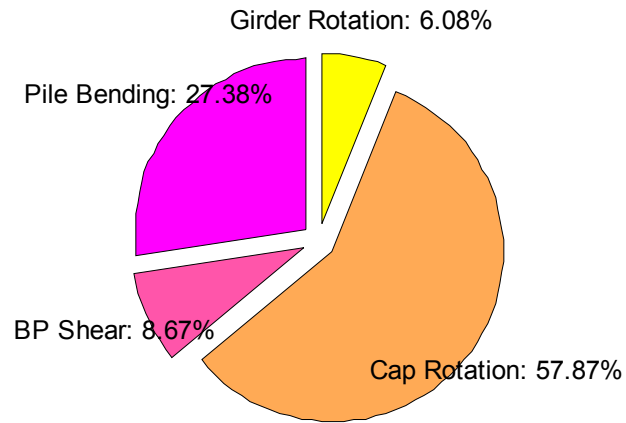


Figure 51

5% ALR Square / BP V / Load 2 / -1.5in Top Displ.

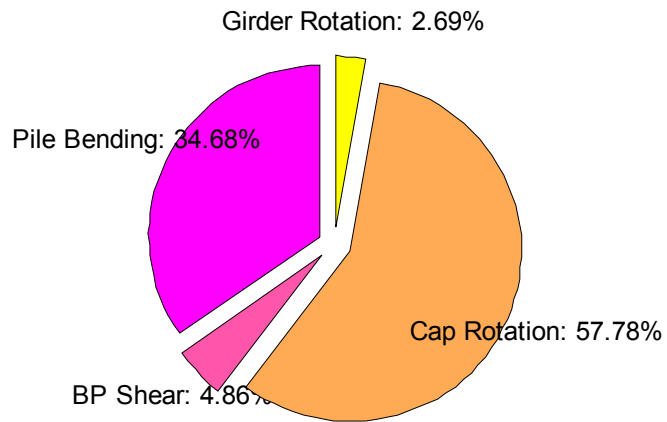


Figure 52

5% ALR Square / BP V / Load 2 / 2.25in Top Displ.

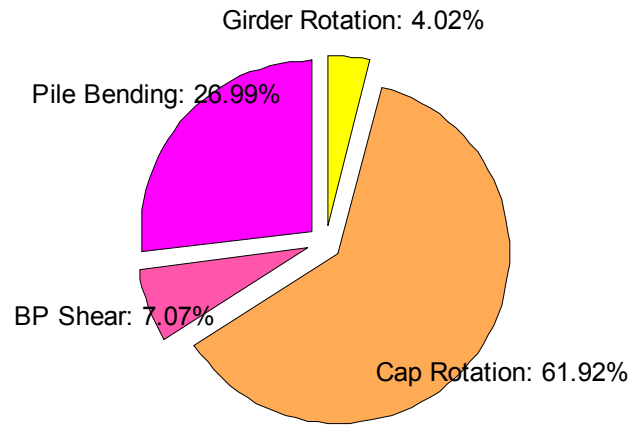


Figure 53

5% ALR Square / BP V / Load 2 / -2.25in Top Displ.

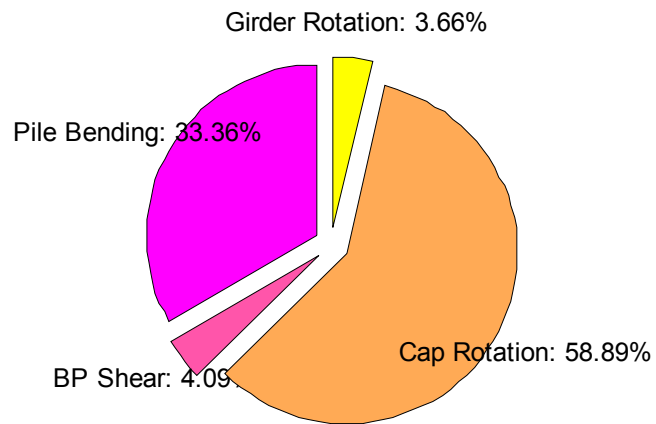


Figure 54

5% ALR Square / BP V / Load 2 / 3in Top Displ.

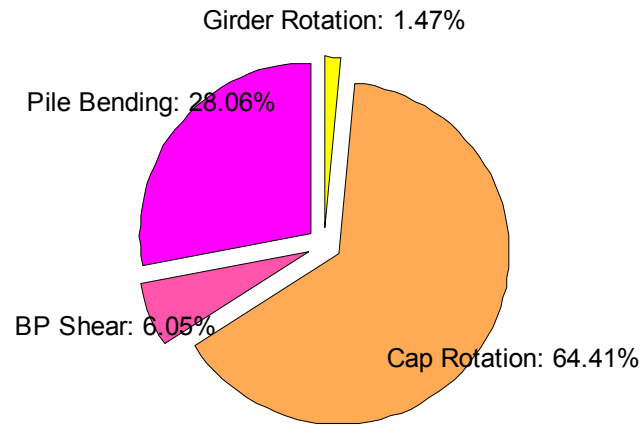


Figure 55

5% ALR Square / BP V / Load 2 / -3in Top Displ.

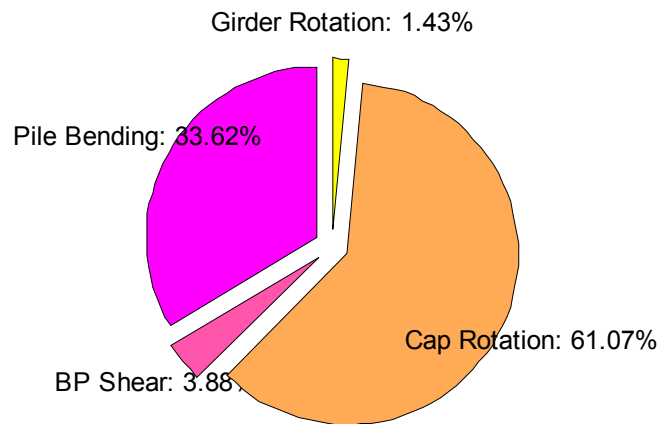


Figure 56

5% ALR Square / BP V / Load 3 / 0.75in Top Displ.

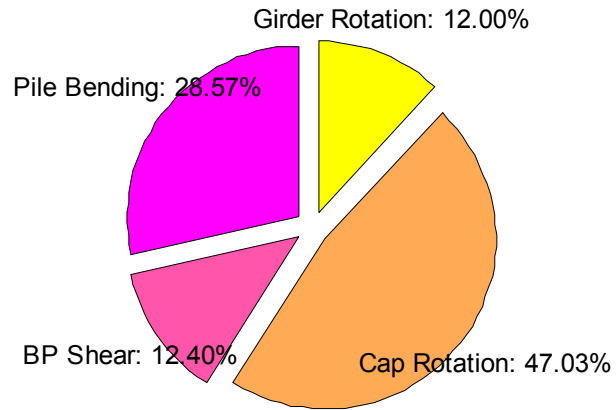


Figure 57

5% ALR Square / BP V / Load 3 / -0.75in Top Displ.

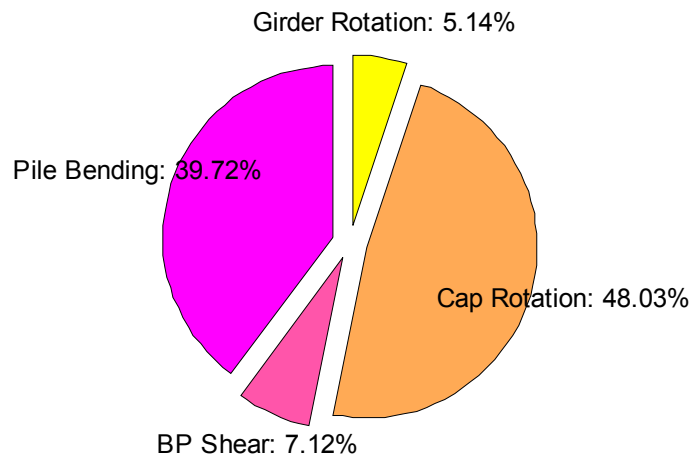


Figure 58

5% ALR Square / BP V / Load 3 / 1.5in Top Displ.

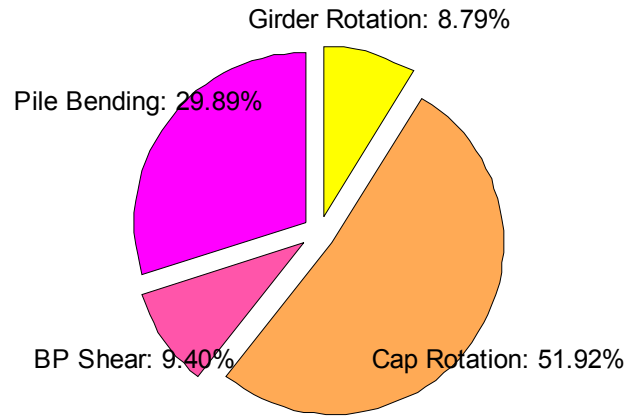


Figure 59

5% ALR Square / BP V / Load 3 / -1.5in Top Displ.

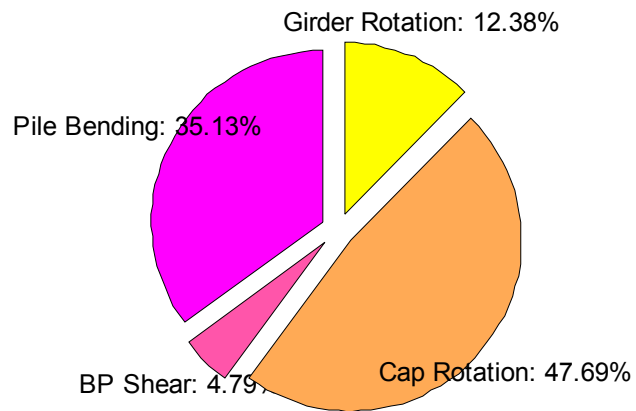


Figure 60

5% ALR Square / BP V / Load 3 / 2.25in Top Displ.

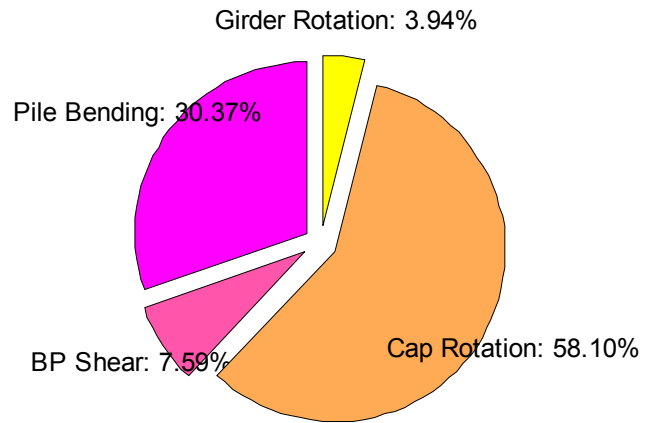


Figure 61

5% ALR Square / BP V / Load 3 / -2.25in Top Displ.

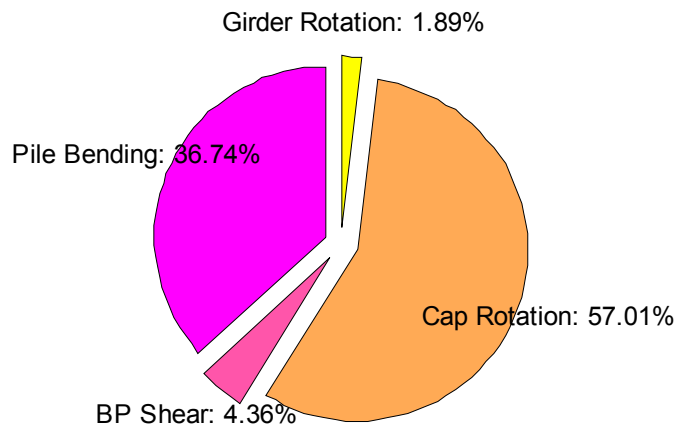


Figure 62

5% ALR Square / BP V / Load 3 / 3in Top Displ.

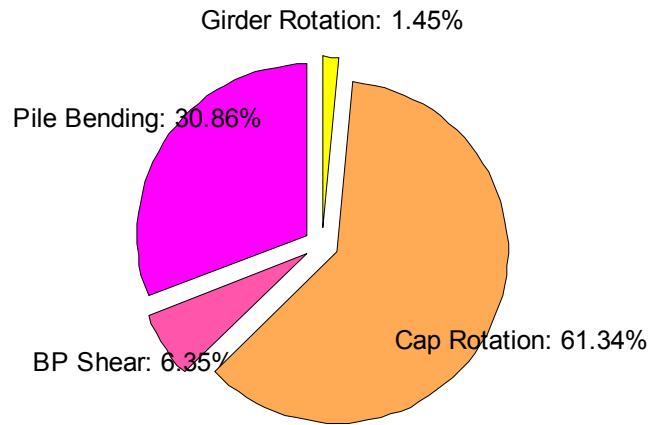


Figure 63

5% ALR Square / BP V / Load 3 / -3in Top Displ.

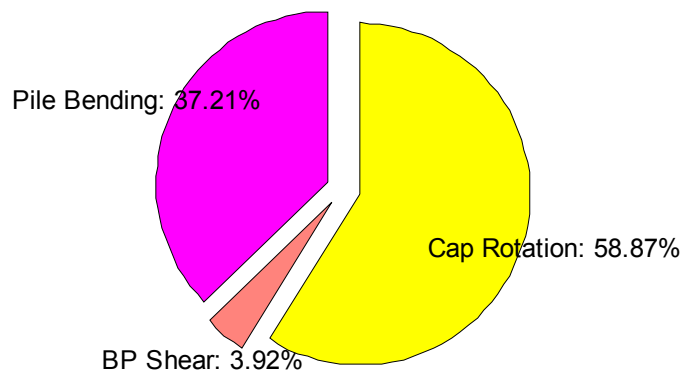


Figure 64

3% ALR Square / BP VI / Load 1 / 0.75in Top Displ.

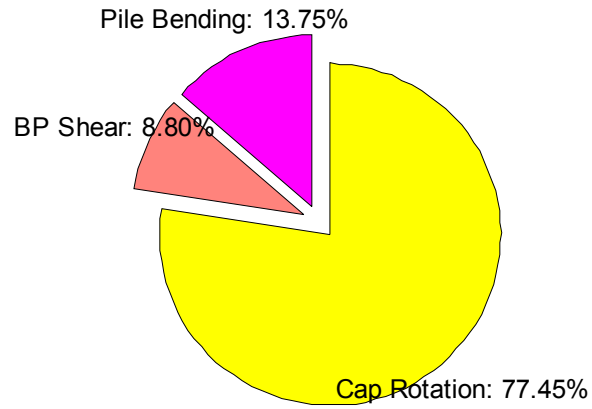


Figure 65

3% ALR Square / BP VI / Load 1 / -0.75in Top Displ.

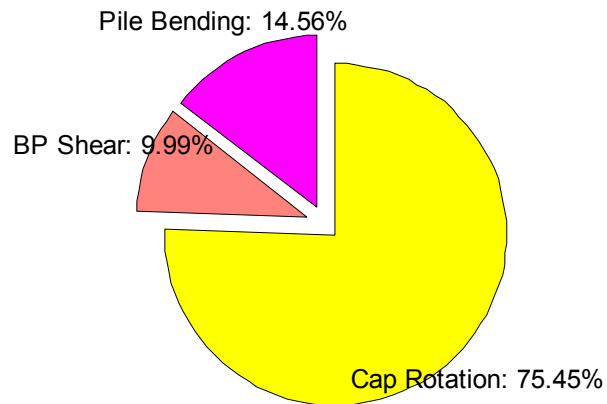


Figure 66

3% ALR Square / BP VI / Load 1 / 1.5in Top Displ.

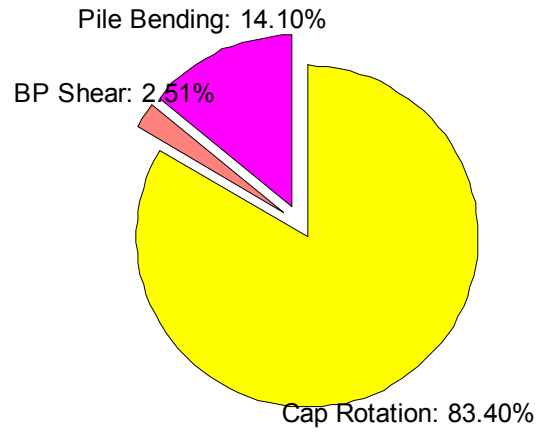


Figure 67

3% ALR Square / BP VI / Load 1 / -1.5in Top Displ.

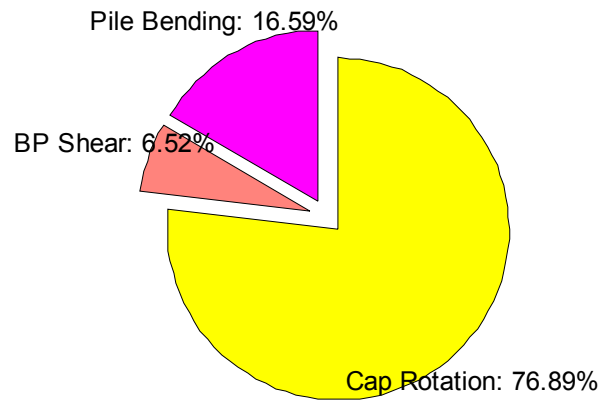


Figure 68

3% ALR Square / BP VI / Load 1 / 2.25in Top Displ.

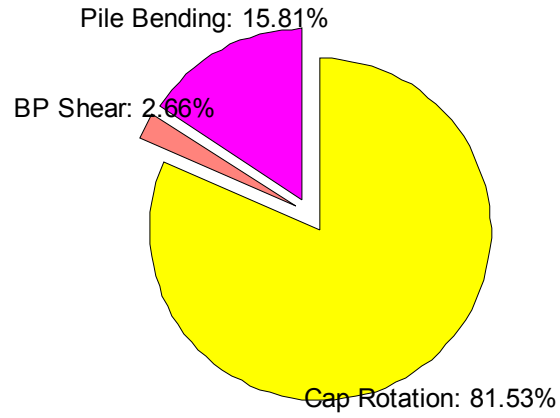


Figure 69

3% ALR Square / BP VI / Load 1 / -2.25in Top Displ.

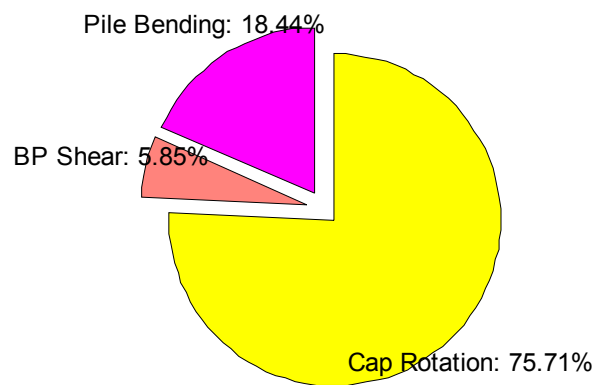


Figure 70

3% ALR Square / BP VI / Load 1 / 3in Top Displ.

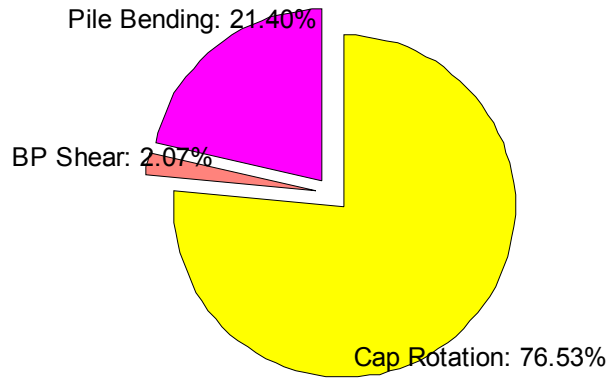


Figure 71

3% ALR Square / BP VI / Load 1 / -3in Top Displ.

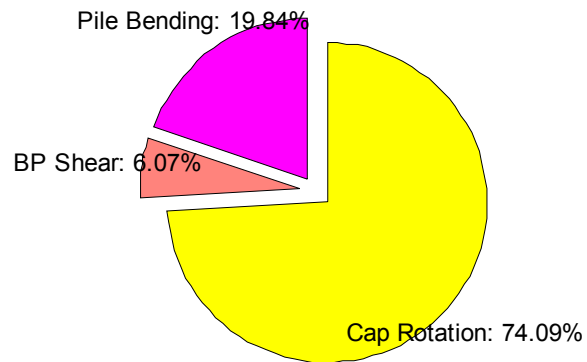


Figure 72

4% ALR Square / BP VI / Load 1 / 0.75in Top Displ.

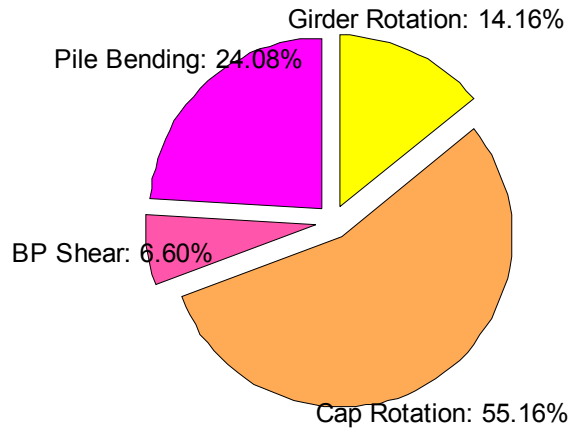


Figure 73

4% ALR Square / BP VI / Load 1 / -0.75in Top Displ.

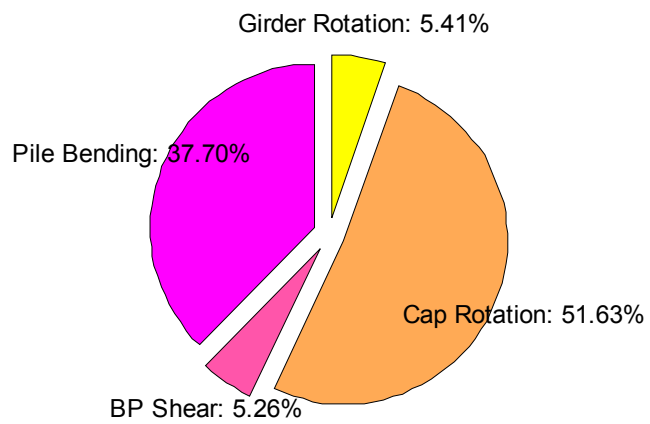


Figure 74

4% ALR Square / BP VI / Load 1 / 1.5in Top Displ.

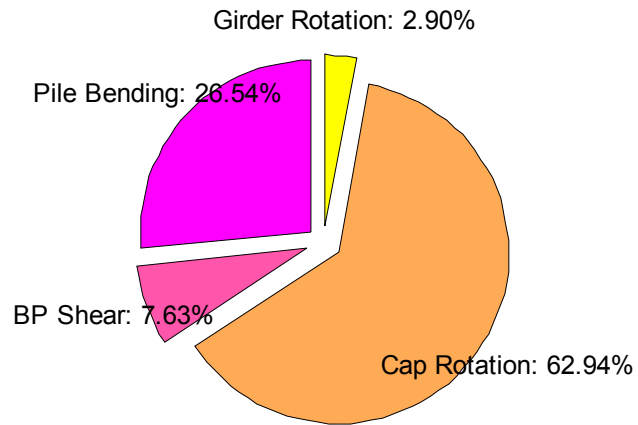


Figure 75

4% ALR Square / BP VI / Load 1 / -1.5in Top Displ.

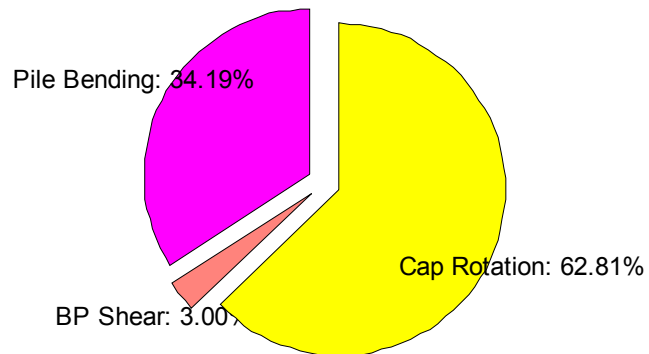


Figure 76

4% ALR Square / BP VI / Load 1 / 2.25in Top Displ.

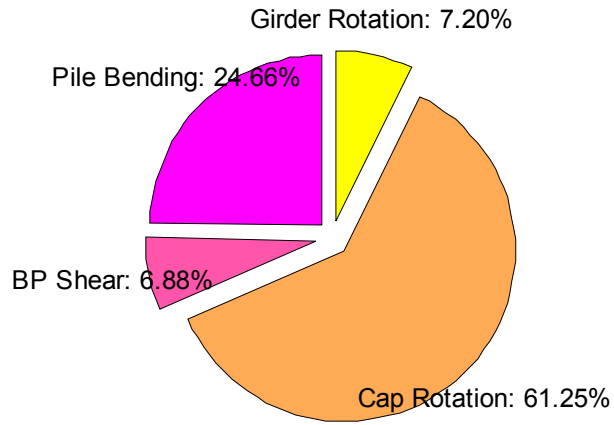


Figure 77

4% ALR Square / BP VI / Load 1 / -2.25in Top Displ.

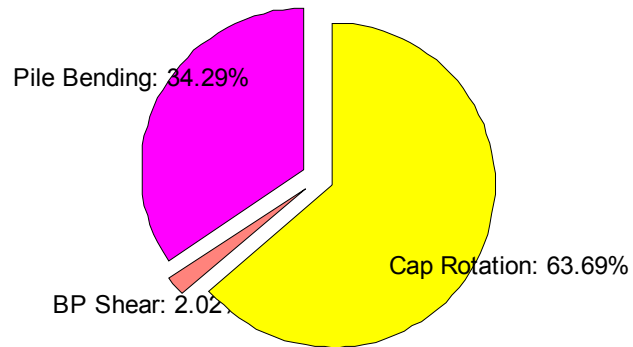


Figure 78

4% ALR Square / BP VI / Load 2 / 3in Top Displ.

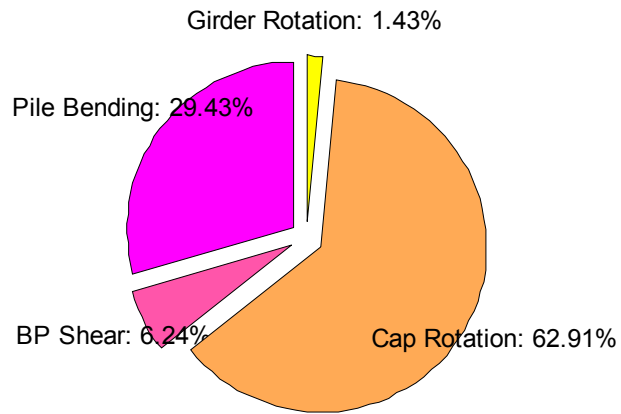


Figure 79

4% ALR Square / BP VI / Load 1 / -3in Top Displ.

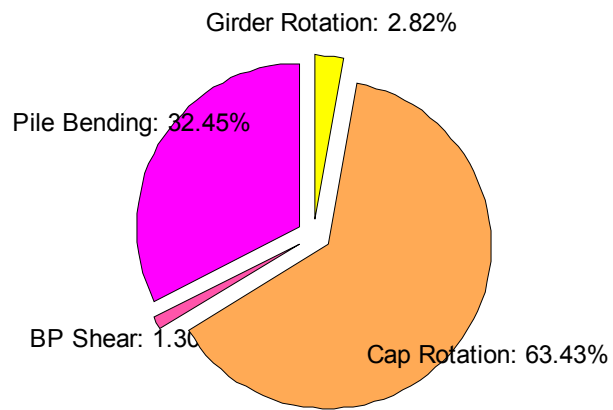


Figure 80

4% ALR Square / BP VI / Load 2 / 0.75in Top Displ.

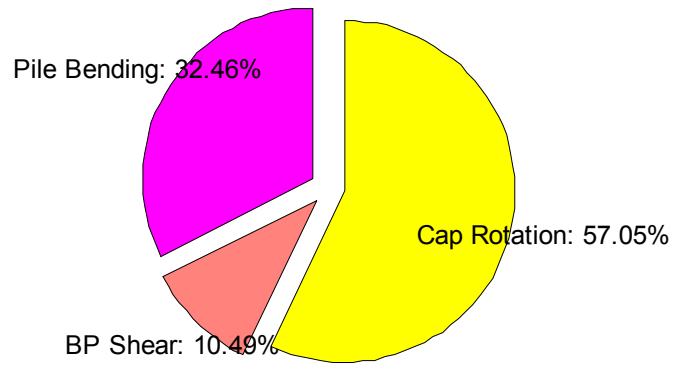


Figure 81

4% ALR Square / BP VI / Load 2 / -0.75in Top Displ.

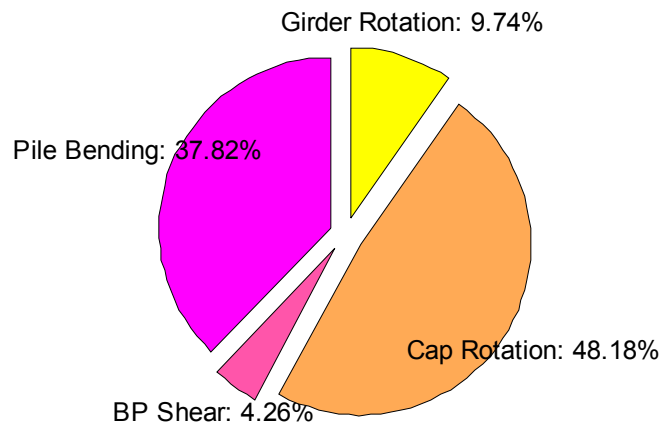


Figure 82

4% ALR Square / BP VI / Load 1 / 1.5in Top Displ.

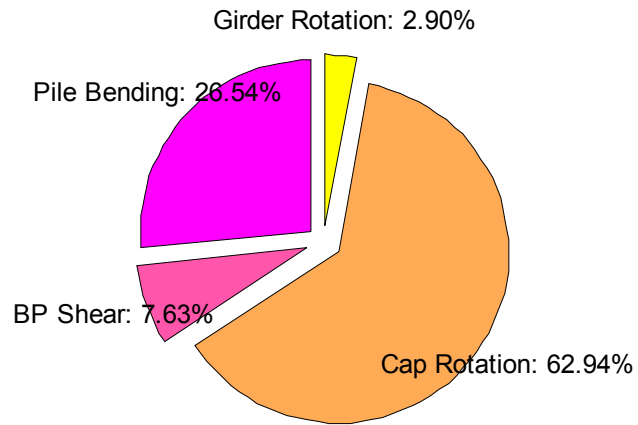


Figure 83

4% ALR Square / BP VI / Load 1 / -1.5in Top Displ.

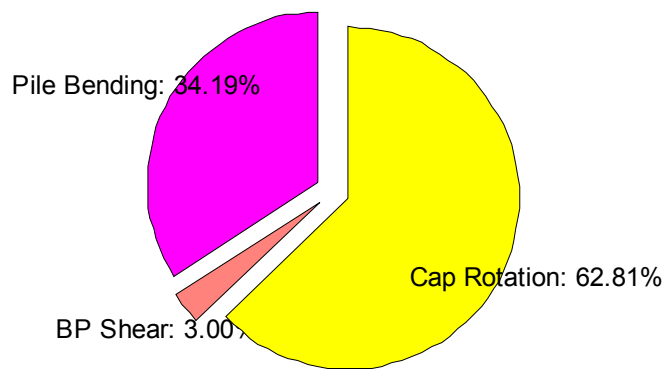


Figure 84

4% ALR Square / BP VI / Load 1 / 2.25in Top Displ.

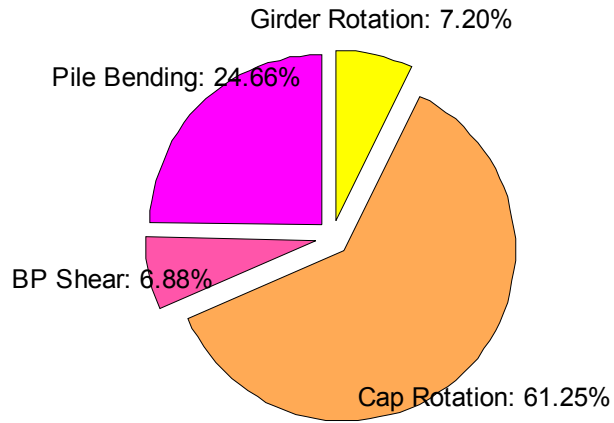


Figure 85

4% ALR Square / BP VI / Load 1 / -2.25in Top Displ.

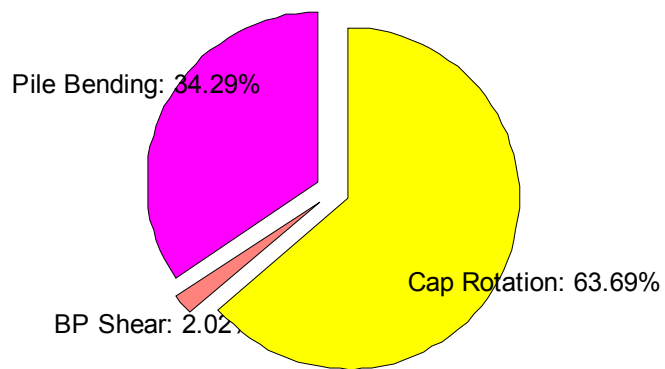


Figure 86

4% ALR Square / BP VI / Load 1 / 3in Top Displ.

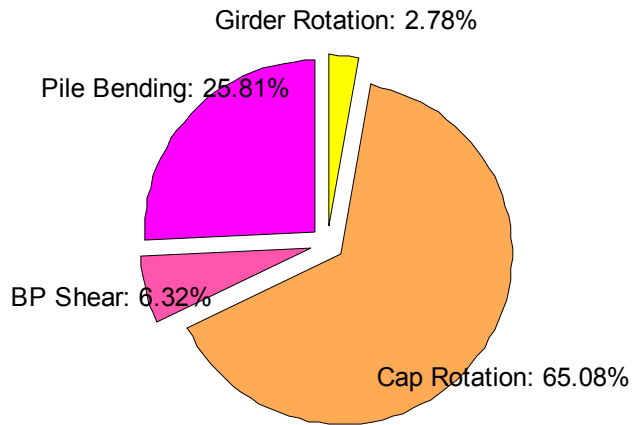


Figure 87

4% ALR Square / BP VI / Load 1 / -3in Top Displ.

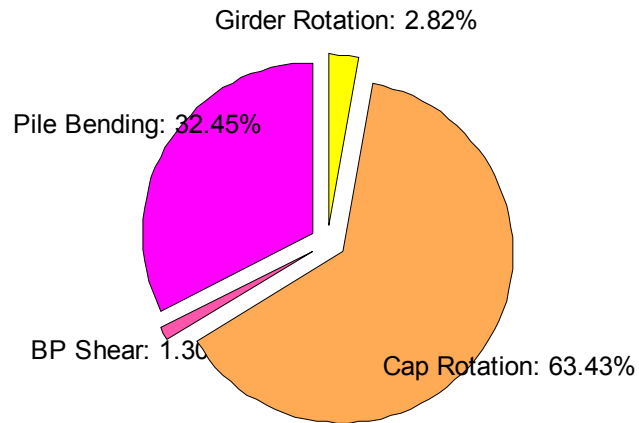


Figure 88

4% ALR Square / BP VI / Load 2 / 0.75in Top Displ.

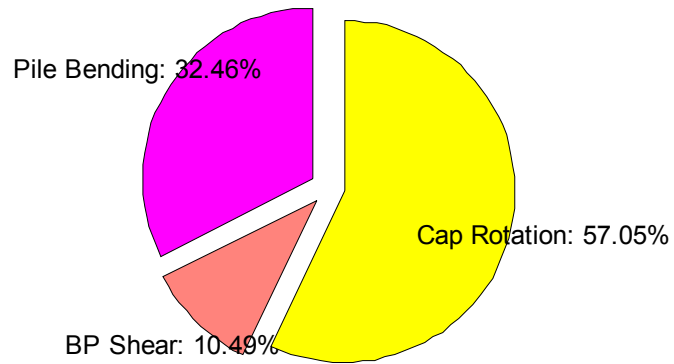


Figure 89

4% ALR Square / BP VI / Load 2 / -0.75in Top Displ.

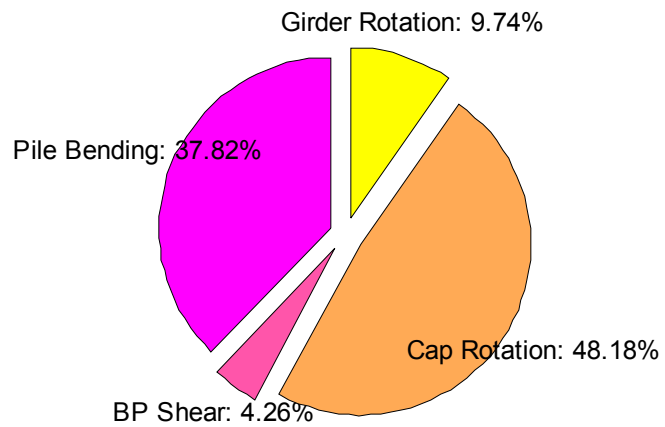


Figure 90

4% ALR Square / BP VI / Load 2 / 1.5in Top Displ.

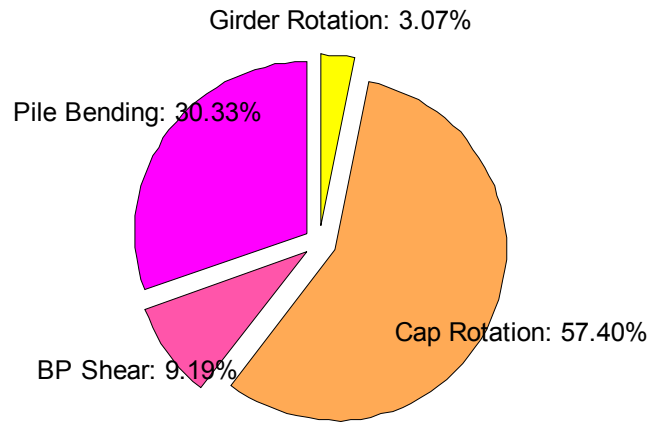


Figure 91

4% ALR Square / BP VI / Load 2 / -1.5in Top Displ.

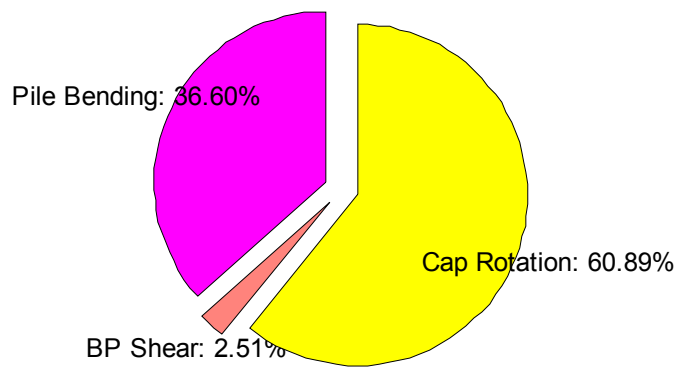


Figure 92

4% ALR Square / BP VI / Load 2 / 2.25in Top Displ.

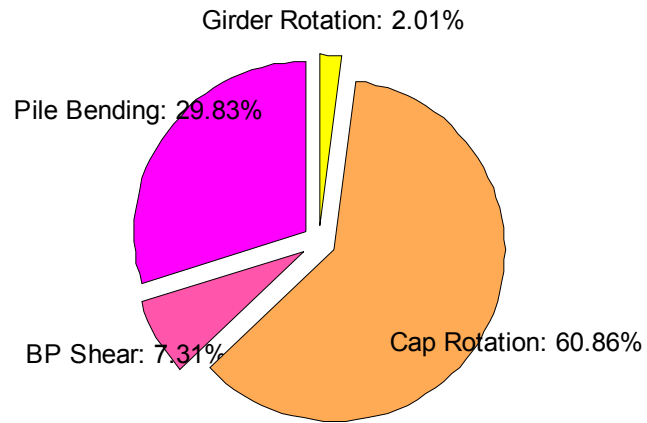


Figure 93

4% ALR Square / BP VI / Load 2 / -2.25in Top Displ.

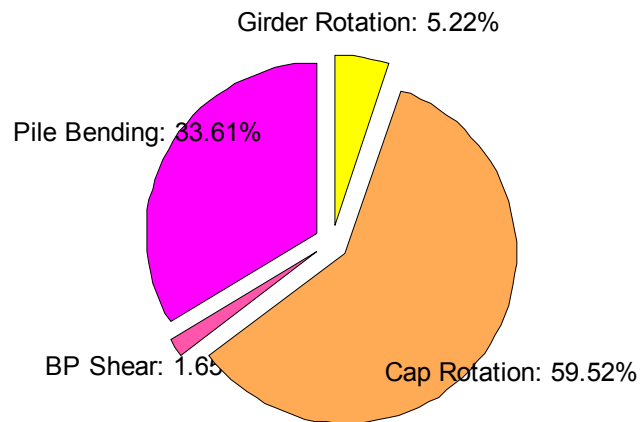


Figure 94

4% ALR Square / BP VI / Load 2 / 3in Top Displ.

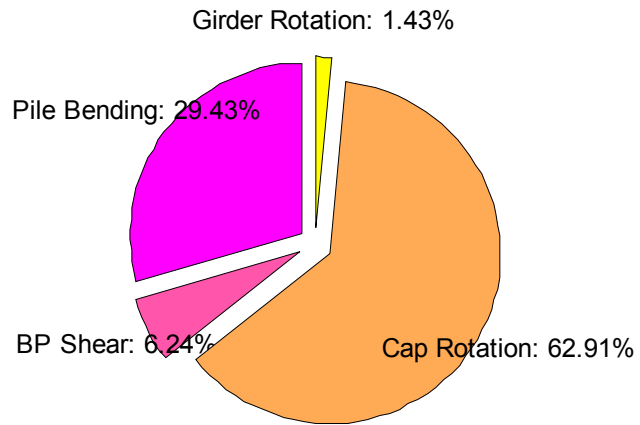


Figure 95

4% ALR Square / BP VI / Load 2 / -3in Top Displ.

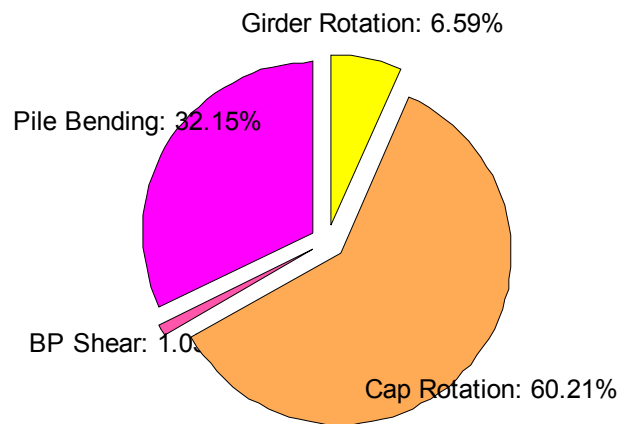


Figure 96

4% ALR Square / BP VI / Load 3 / 0.75in Top Displ.

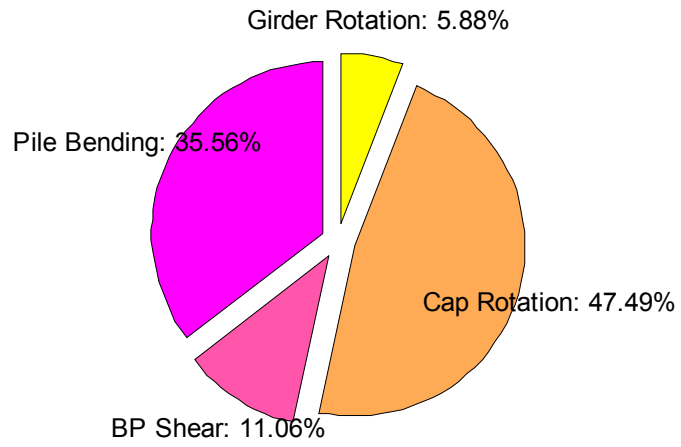


Figure 97

4% ALR Square / BP VI / Load 3 / -0.75in Top Displ.

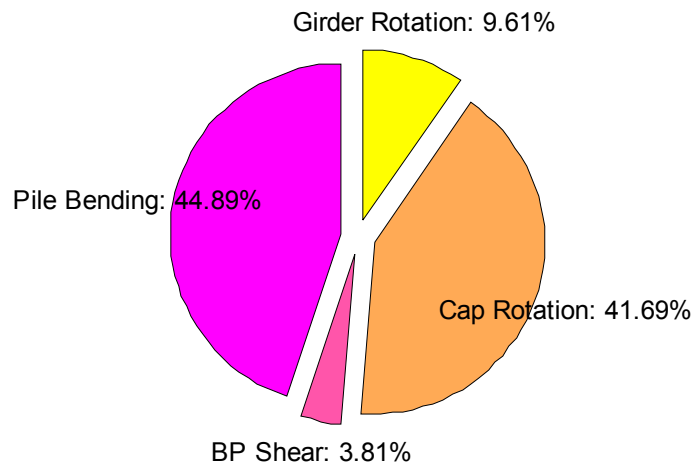


Figure 98

4% ALR Square / BP VI / Load 3 / 1.5in Top Displ.

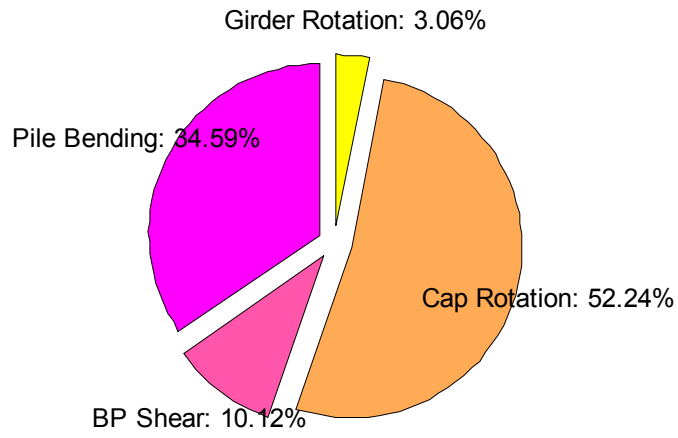


Figure 99

4% ALR Square / BP VI / Load 3 / -1.5in Top Displ.

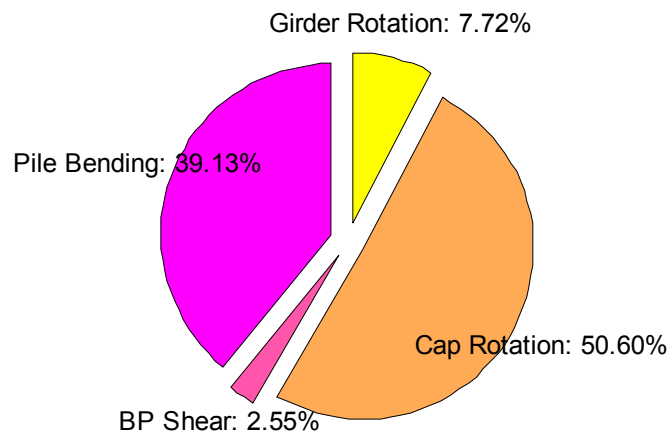


Figure 100

4% ALR Square / BP VI / Load 3 / 2.25in Top Displ.

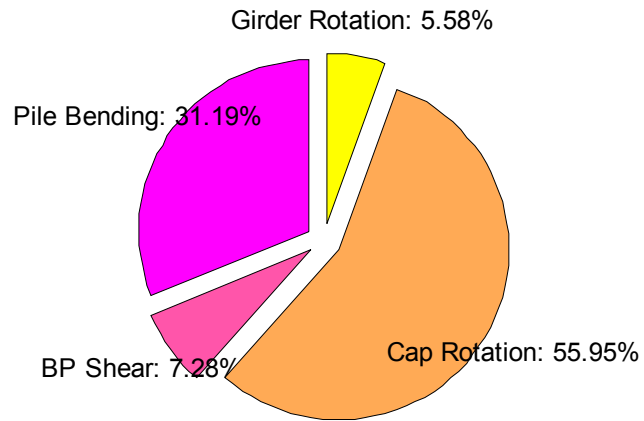


Figure 101

4% ALR Square / BP VI / Load 3 / -2.25in Top Displ.

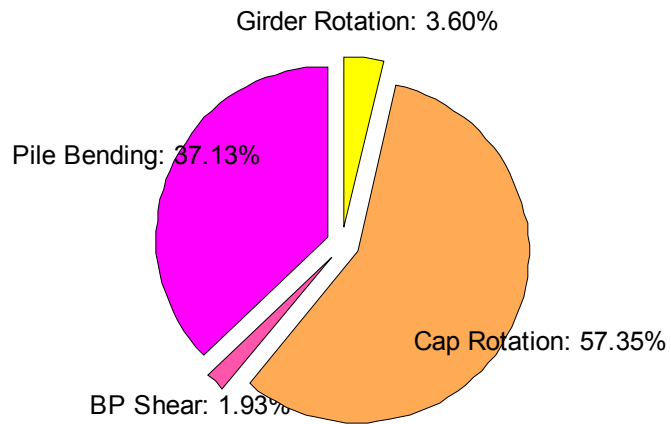


Figure 102

4% ALR Square / BP VI / Load 3 / 3in Top Displ.

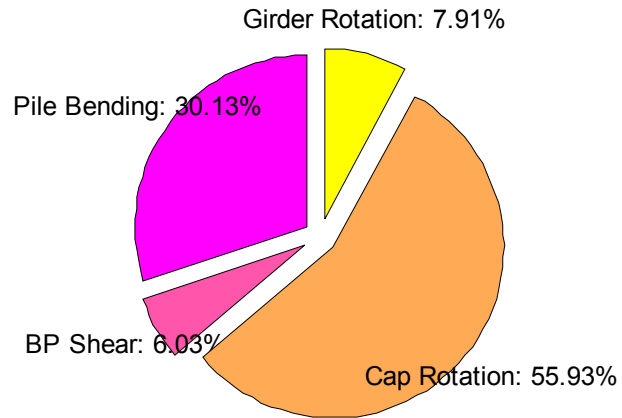


Figure 103

4% ALR Square / BP VI / Load 3 / -3in Top Displ.

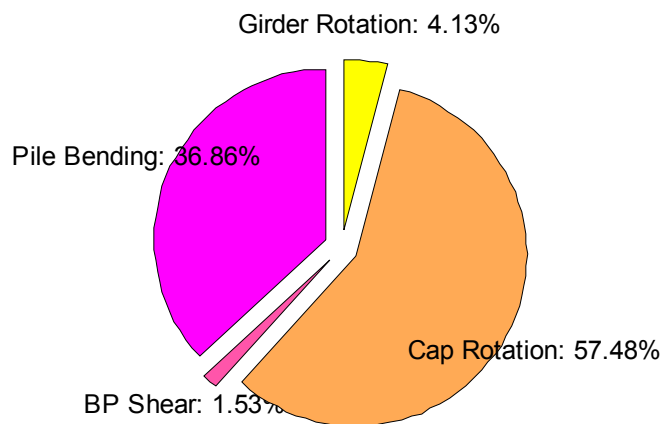


Figure 104

4% ALR Square / BP VI / Load 3 / 3in Top Displ.

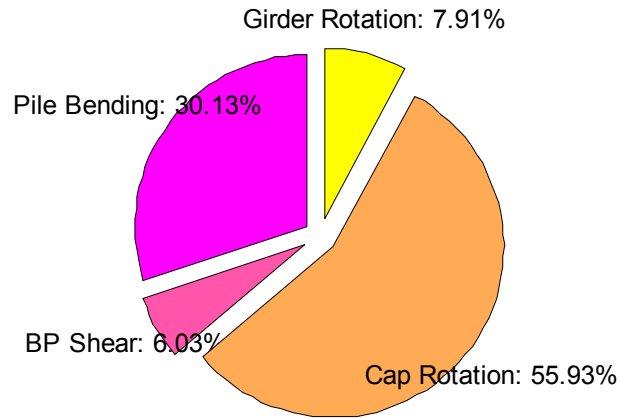


Figure 105

4% ALR Square / BP VI / Load 3 / -3in Top Displ.

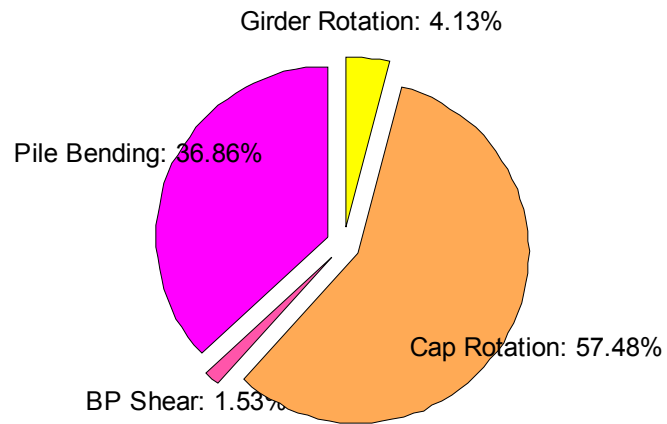


Figure 106

5% ALR Square / BP VI / Load 1 / 0.75in Top Displ.

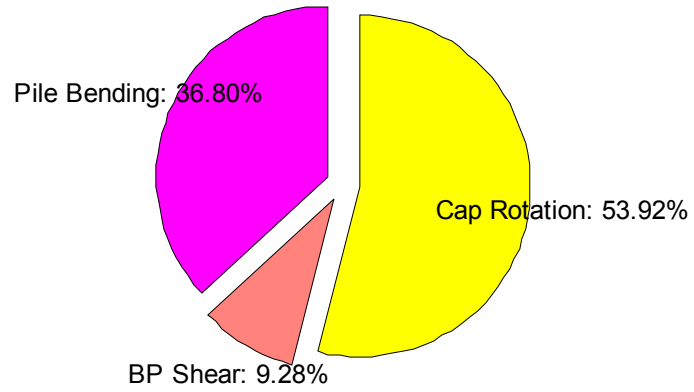


Figure 107

5% ALR Square / BP VI / Load 1 / -0.75in Top Displ.

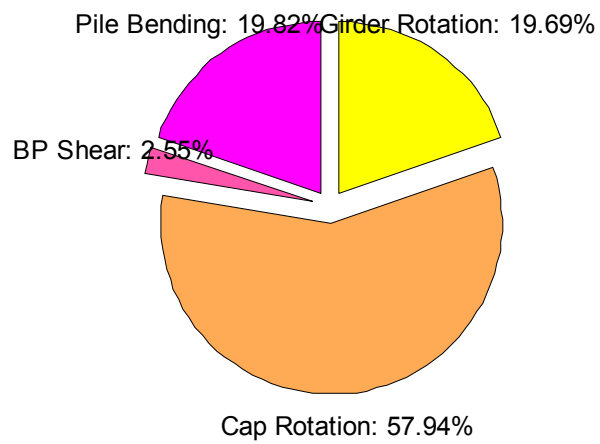


Figure 108

5% ALR Square / BP VI / Load 1 / 1.5in Top Displ.

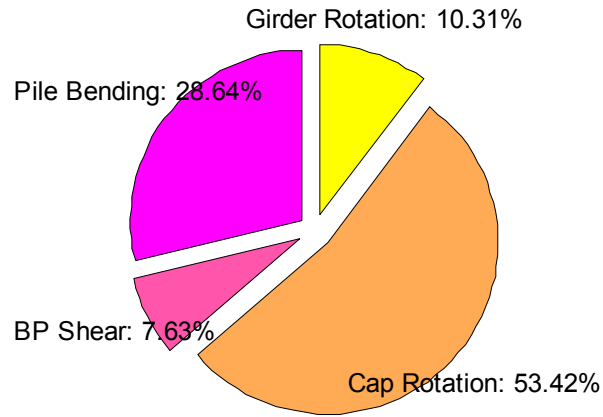


Figure 109

5% ALR Square / BP VI / Load 1 / -1.5in Top Displ.

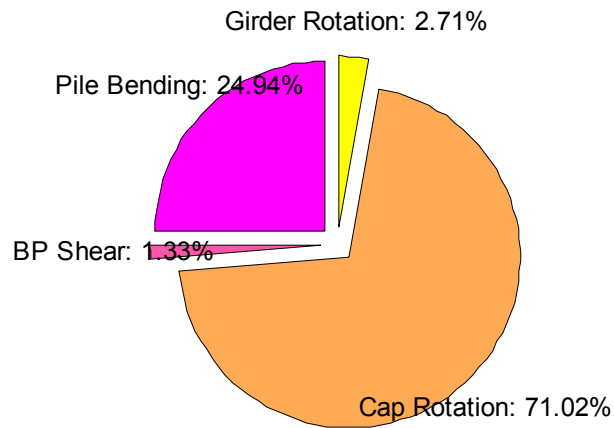


Figure 110

5% ALR Square / BP VI / Load 1 / 2.25in Top Displ.

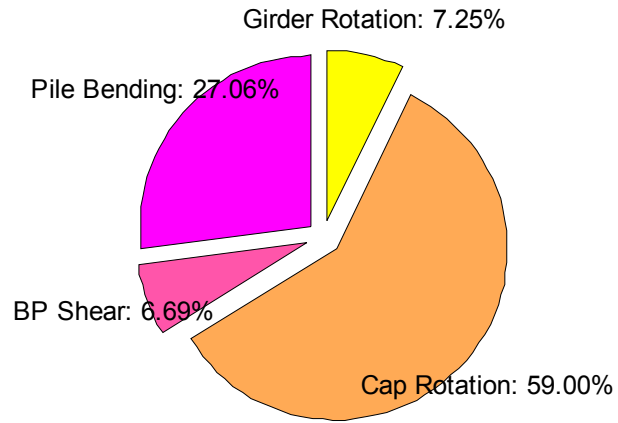


Figure 111

5% ALR Square / BP VI / Load 1 / -2.25in Top Displ.

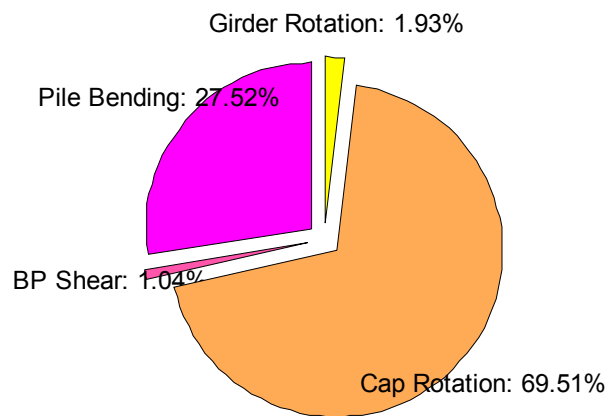


Figure 112

5% ALR Square / BP VI / Load 1 / 3in Top Displ.

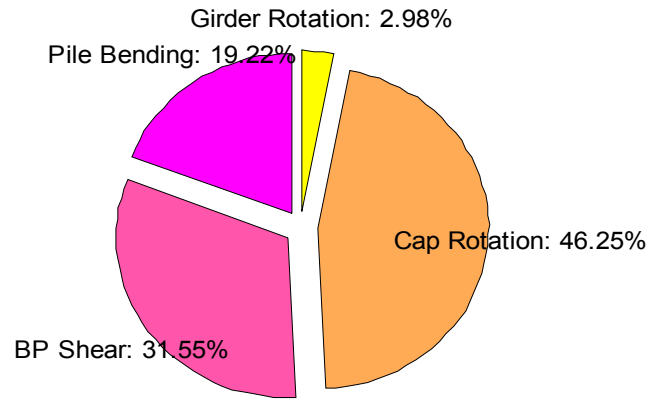


Figure 113

5% ALR Square / BP VI / Load 1 / -3in Top Displ.

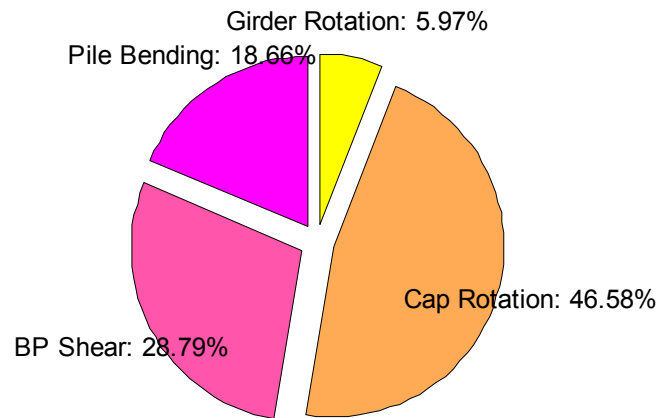


Figure 114

5% ALR Square / BP VI / Load 2 / 0.75in Top Displ.

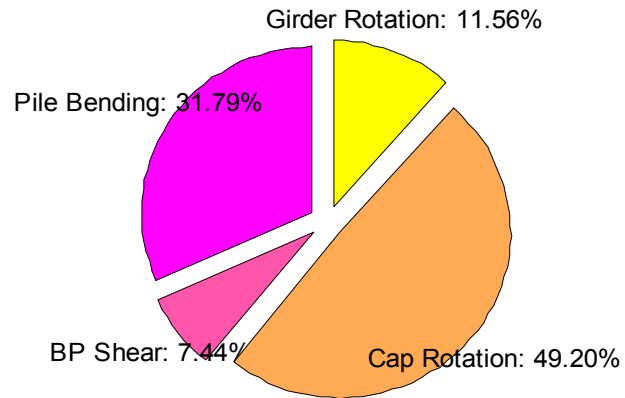


Figure 115

5% ALR Square / BP VI / Load 2 / -0.75in Top Displ.

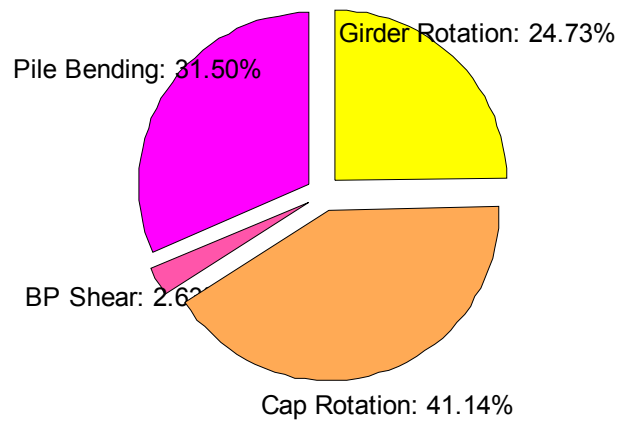


Figure 116

5% ALR Square / BP VI / Load 2 / 1.5in Top Displ.

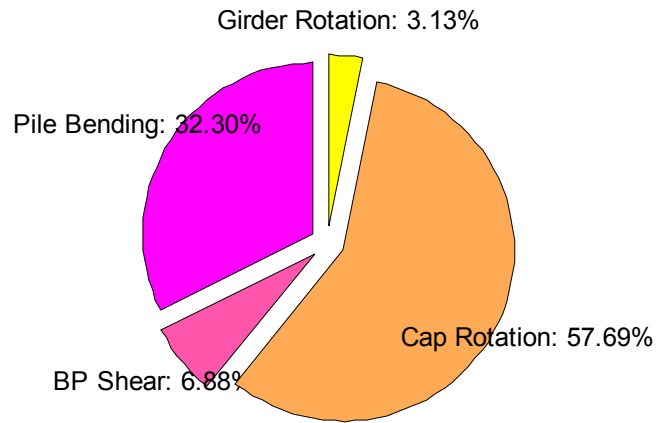


Figure 117

5% ALR Square / BP VI / Load 2 / -1.5in Top Displ.

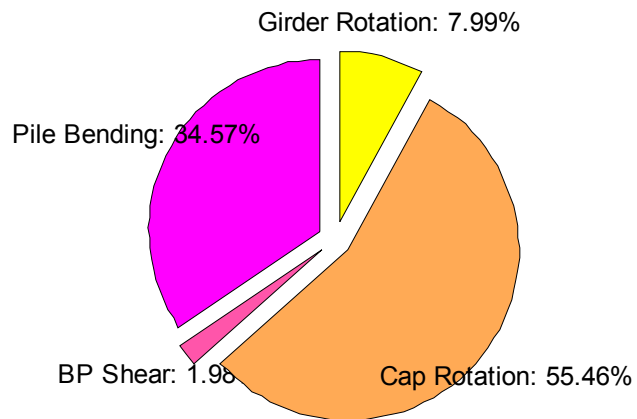


Figure 118

5% ALR Square / BP VI / Load 2 / 2.25in Top Displ.

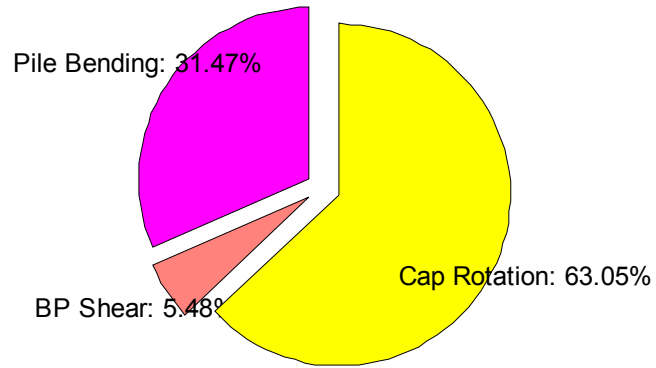


Figure 119

5% ALR Square / BP VI / Load 2 / -2.25in Top Displ.

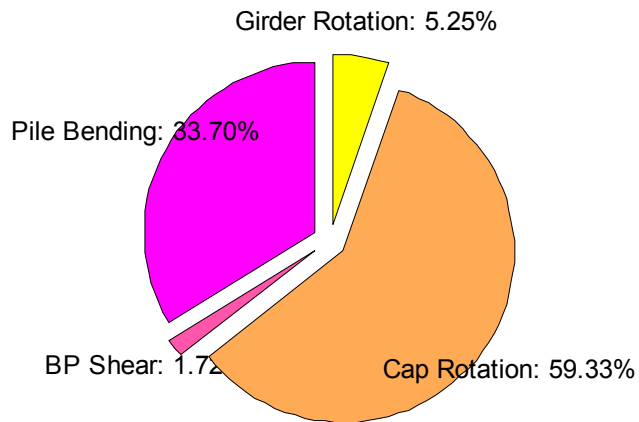


Figure 120

5% ALR Square / BP VI / Load 2 / 3in Top Displ.

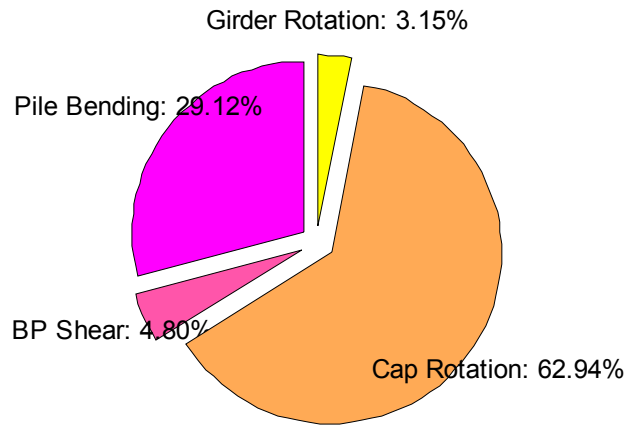


Figure 121

5% ALR Square / BP VI / Load 2 / -3in Top Displ.

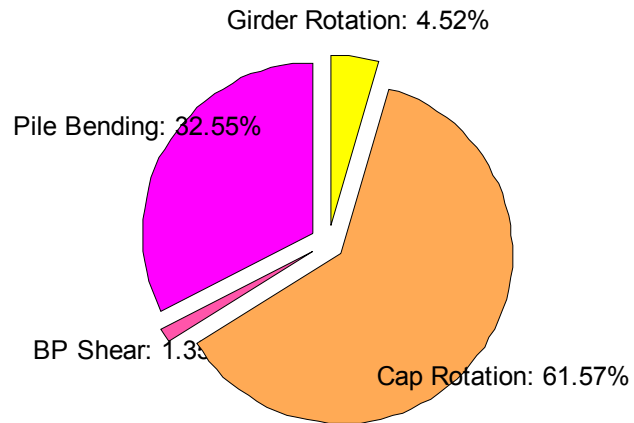


Figure 122

5% ALR Square / BP VI / Load 3 / 0.75in Top Displ.

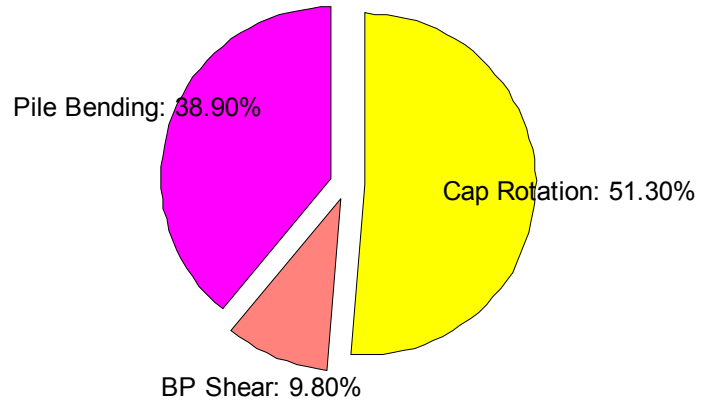


Figure 123

5% ALR Square / BP VI / Load 3 / -0.75in Top Displ.

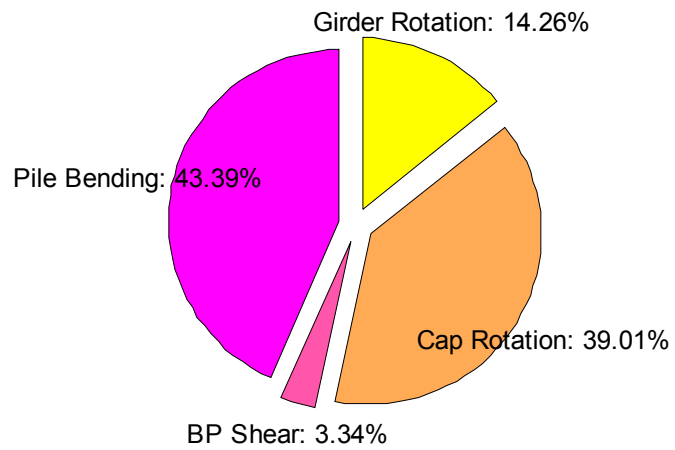


Figure 124

5% ALR Square / BP VI / Load 3 / 2.25in Top Displ.

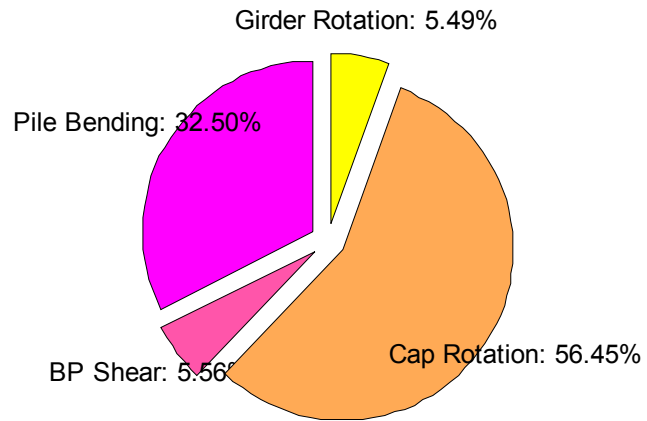


Figure 125

5% ALR Square / BP VI / Load 3 / -2.25in Top Displ.

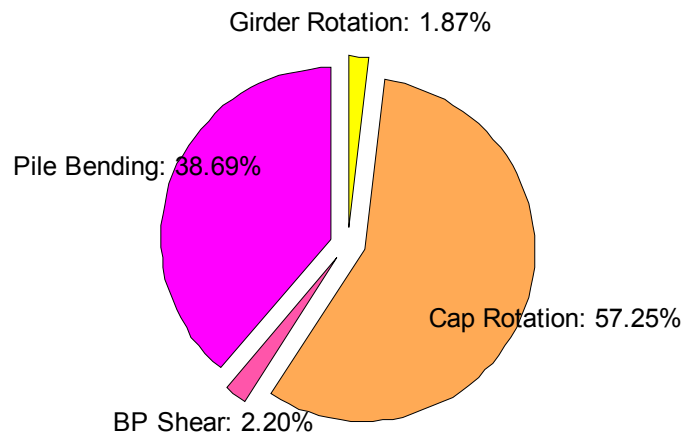


Figure 126

5% ALR Square / BP VI / Load 3 / 3in Top Displ.

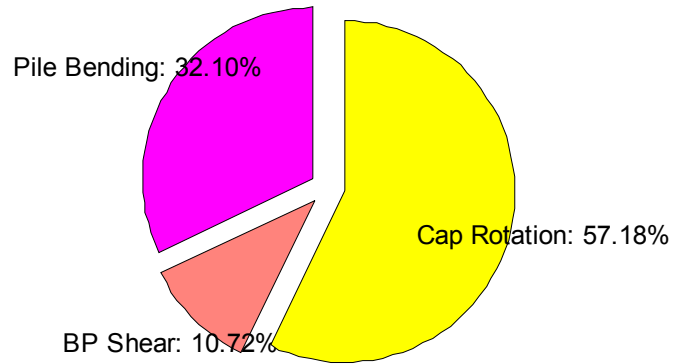


Figure 127

5% ALR Square / BP VI / Load 3 / -3in Top Displ.

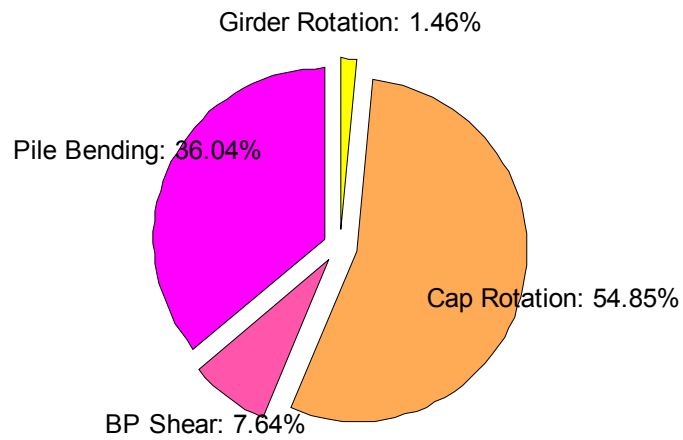


Figure 128

4% ALR Circular / BP V / Load 1 / 0.75in Top Displ.

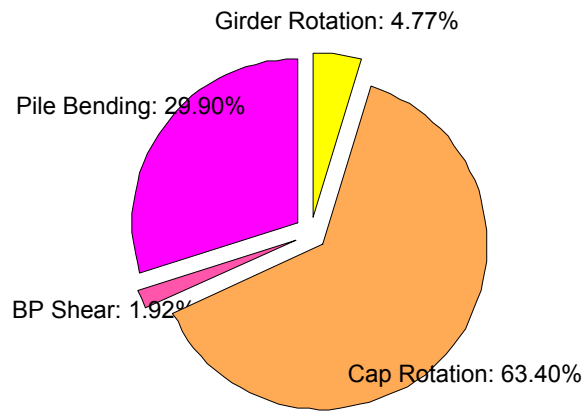


Figure 129

4% ALR Circular / BP V / Load 1 / -0.75in Top Displ.

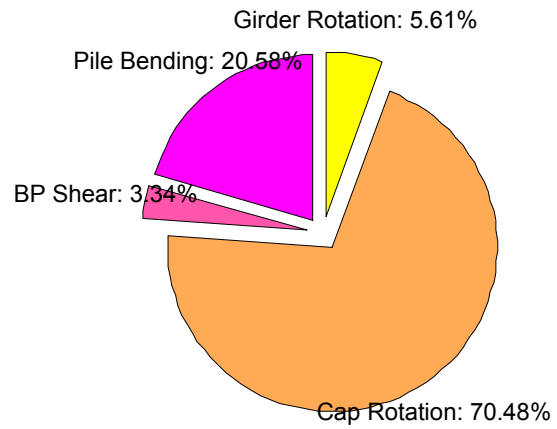


Figure 130

4% ALR Circular / BP V / Load 1 / 1.5in Top Displ.

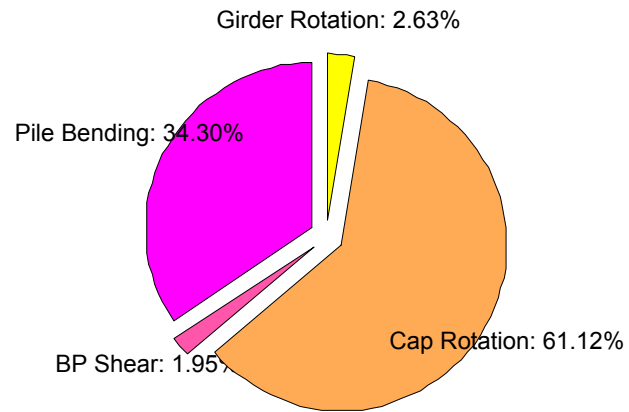


Figure 131

4% ALR Circular / BP V / Load 1 / -1.5in Top Displ.

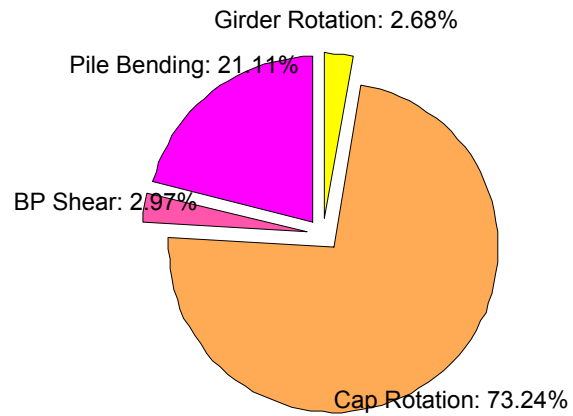


Figure 132

4% ALR Circular / BP V / Load 1 / 2.25in Top Displ.

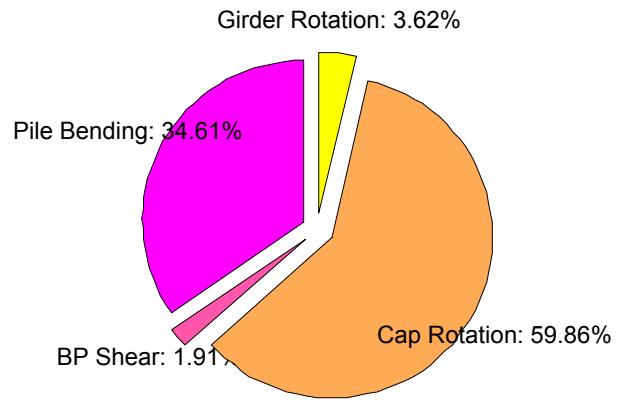


Figure 133

4% ALR Circular / BP V / Load 1 / -2.25in Top Displ.

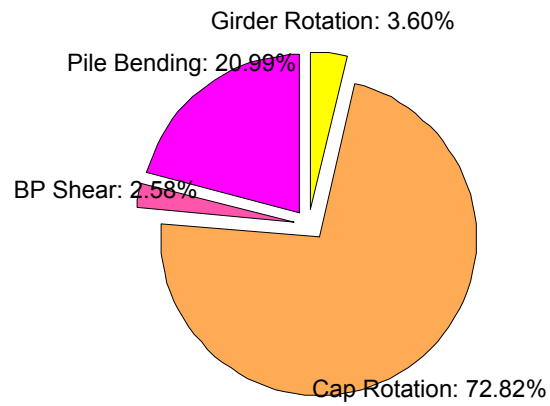


Figure 134

4% ALR Circular / BP V / Load 1 / 3in Top Displ.

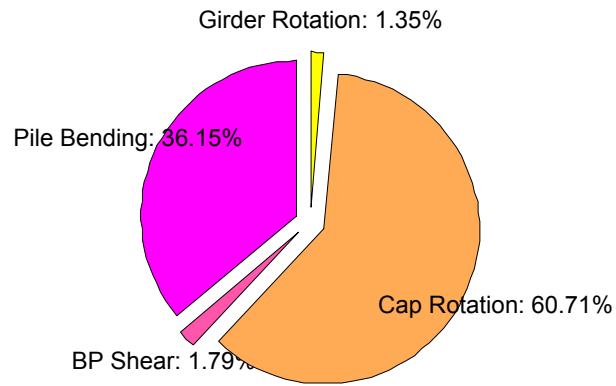
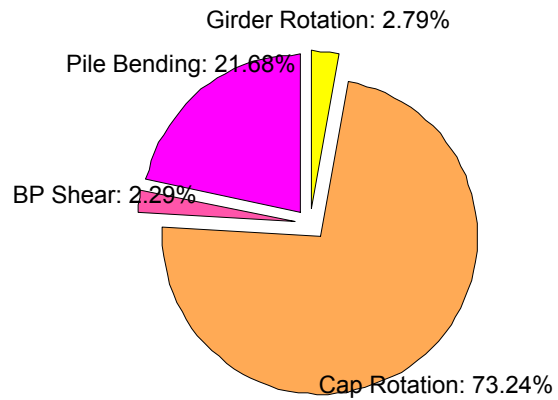


Figure 135

4% ALR Circular / BP V / Load 1 / -3in Top Displ.



4% ALR Circular / BP V / Load 2 / 0.75in Top Displ.

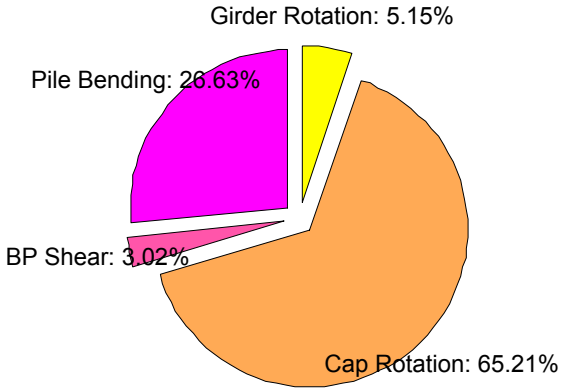


Figure 136

4% ALR Circular / BP V / Load 2 / -0.75in Top Displ.

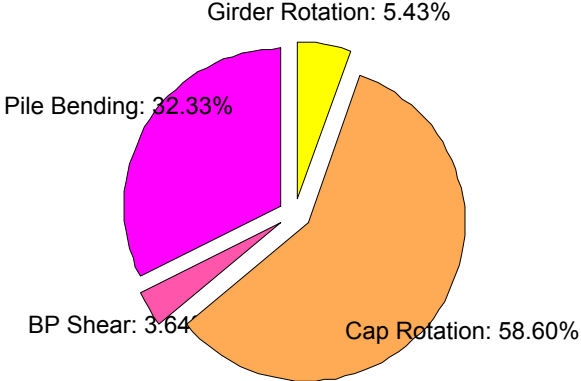


Figure 137

4% ALR Circular / BP V / Load 2 / 1.5in Top Displ.

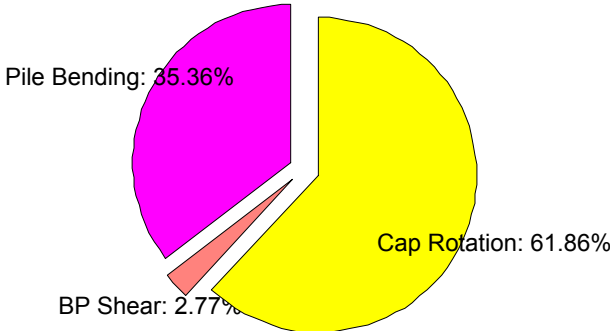


Figure 138

4% ALR Circular / BP V / Load 1 / -1.5in Top Displ.

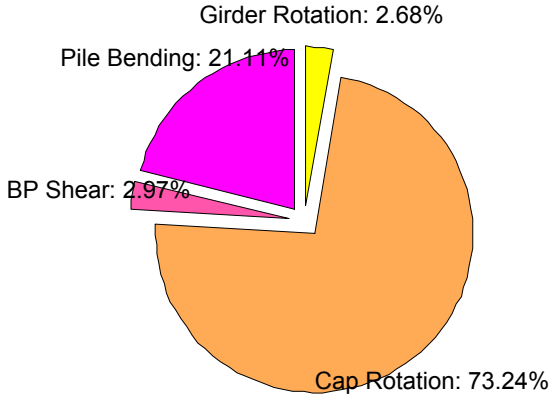


Figure 139

4% ALR Circular / BP V / Load 2 / 2.25in Top Displ.

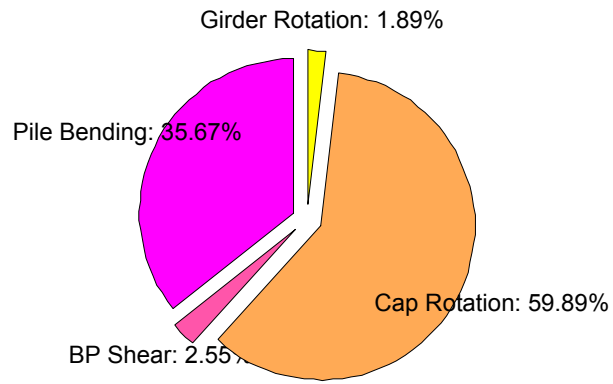


Figure 140

4% ALR Circular / BP V / Load 2 / -2.25in Top Displ.

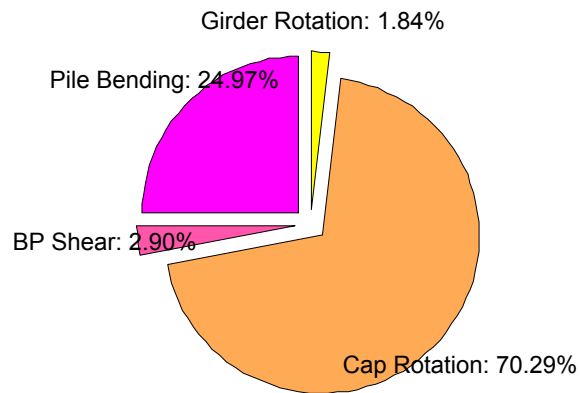


Figure 141

4% ALR Circular / BP V / Load 2 / 3in Top Displ.

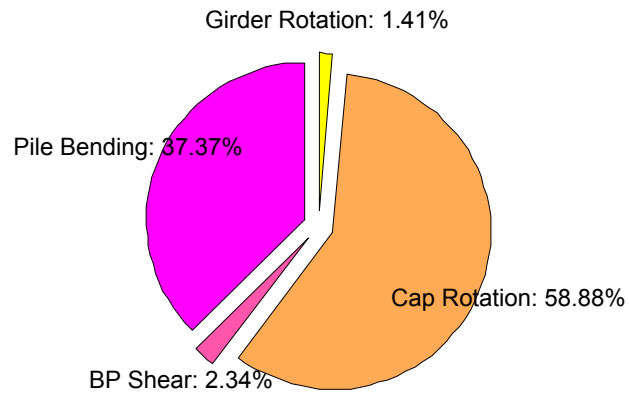


Figure 142

4% ALR Circular / BP V / Load 2 / -3in Top Displ.

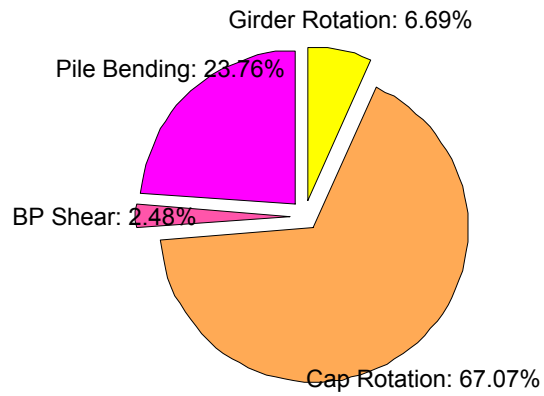


Figure 143

4% ALR Circular / BP V / Load 3 / 0.75in Top Displ.

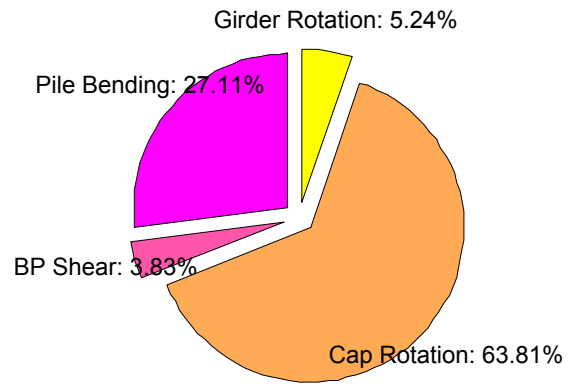


Figure 144

4% ALR Circular / BP V / Load 3 / -0.75in Top Displ.

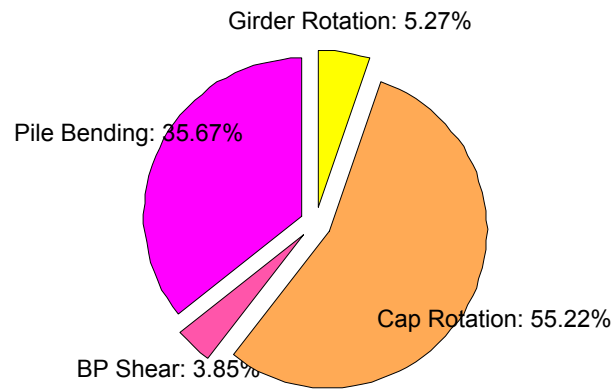


Figure 145

4% ALR Circular / BP V / Load 3 / 1.5in Top Displ.

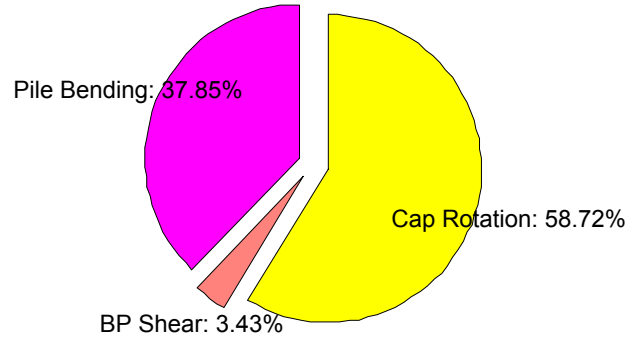


Figure 146

4% ALR Circular / BP V / Load 3 / -1.5in Top Displ.

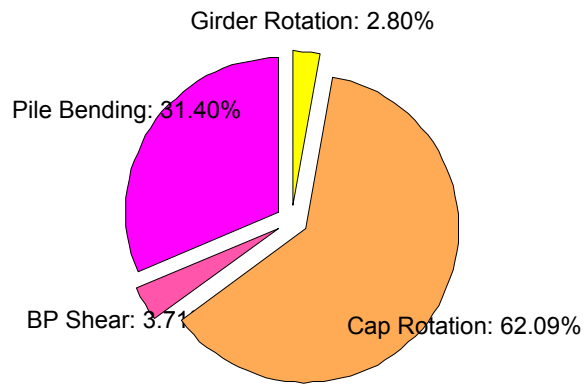


Figure 147

4% ALR Circular / BP V / Load 3 / 2.25in Top Displ.

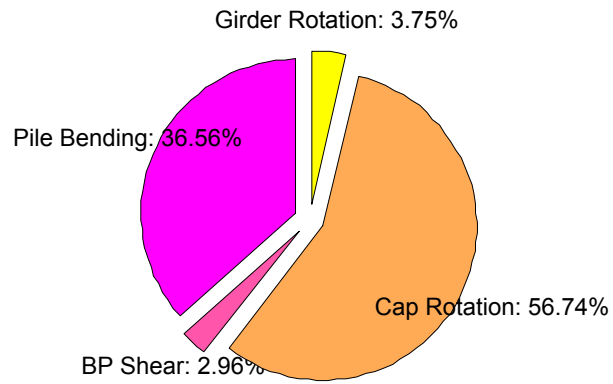


Figure 148

4% ALR Circular / BP V / Load 3 / -2.25in Top Displ.

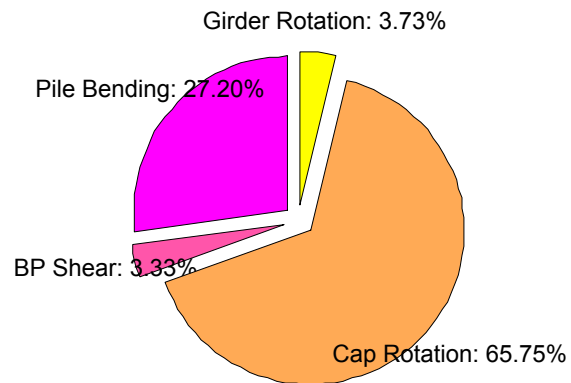


Figure 149

4% ALR Circular / BP V / Load 3 / 3in Top Displ.

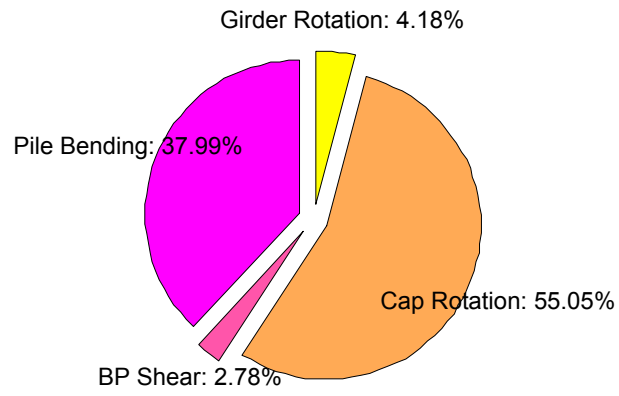


Figure 150

4% ALR Circular / BP V / Load 3 / -3in Top Displ.

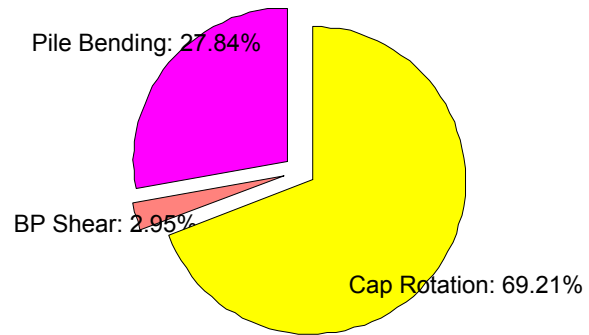


Figure 151

6% ALR Circular / BP V / Load 1 / 0.75in Top Displ.

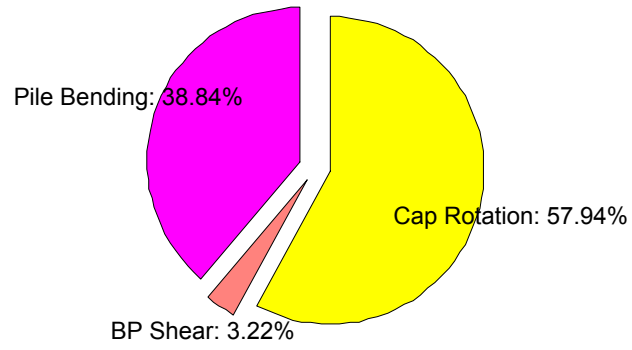


Figure 152

6% ALR Circular / BP V / Load 1 / -0.75in Top Displ.

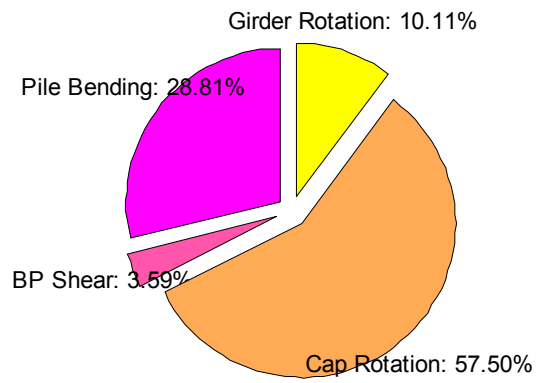


Figure 153

6% ALR Circular / BP V / Load 3 / 1.5in Top Displ.

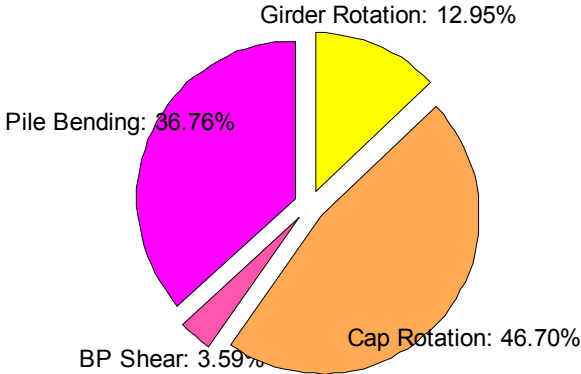


Figure 154

6% ALR Circular / BP V / Load 1 / -1.5in Top Displ.

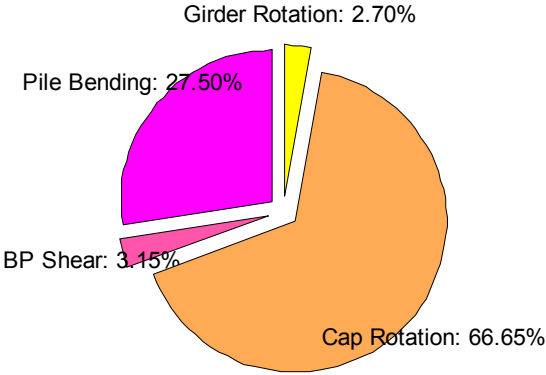


Figure 155

6% ALR Circular / BP V / Load 1 / 2.25in Top Displ.

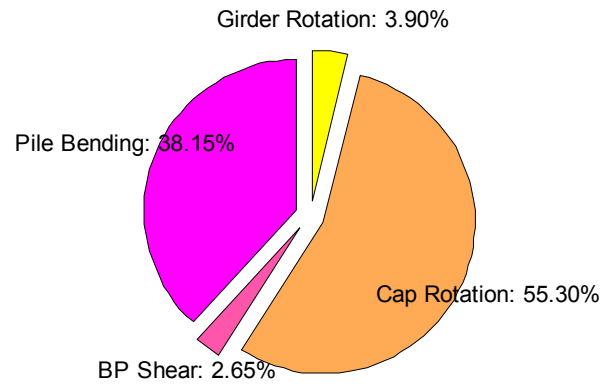


Figure 156

6% ALR Circular / BP V / Load 1 / -2.25in Top Displ.

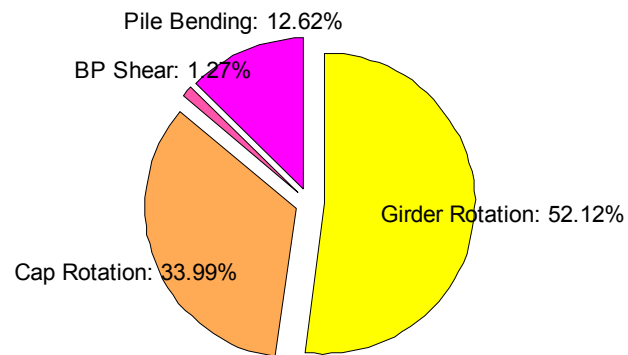


Figure 157

6% ALR Circular / BP V / Load 1 / 3in Top Displ.

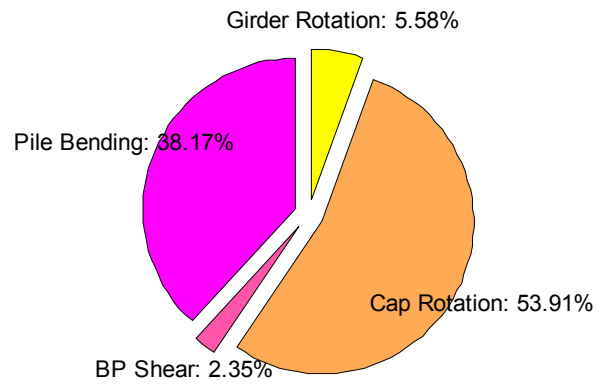


Figure 158

6% ALR Circular / BP V / Load 1 / -3in Top Displ.

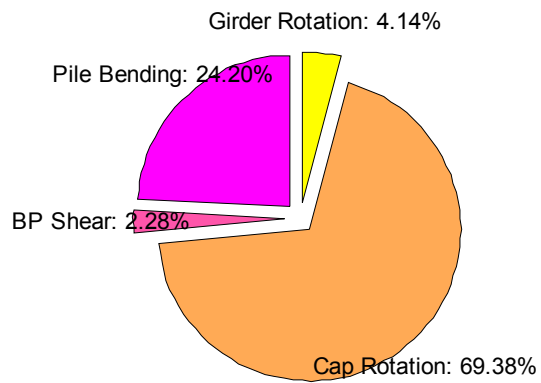


Figure 159

6% ALR Circular / BP V / Load 3 / 0.75in Top Displ.

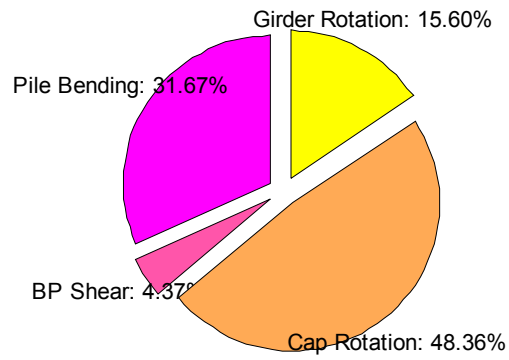


Figure 160

6% ALR Circular / BP V / Load 3 / -0.75in Top Displ.

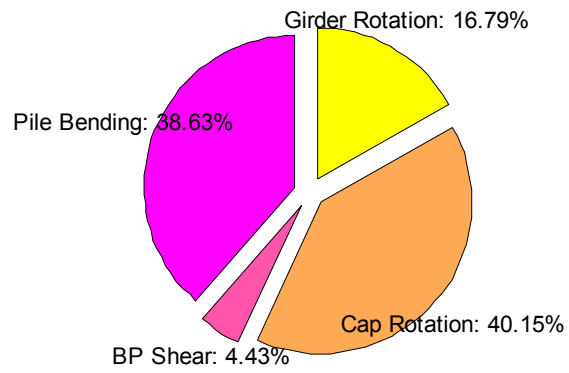


Figure 161

6% ALR Circular / BP V / Load 3 / 1.5in Top Displ.

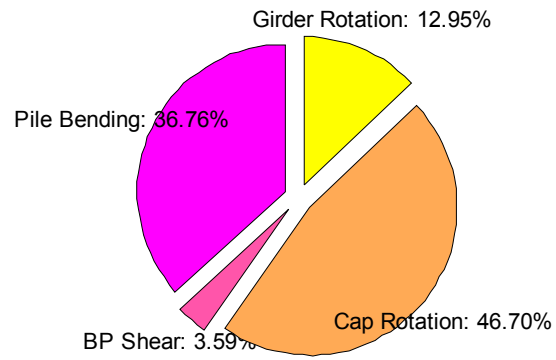


Figure 162

6% ALR Circular / BP V / Load 3 / -1.5in Top Displ.

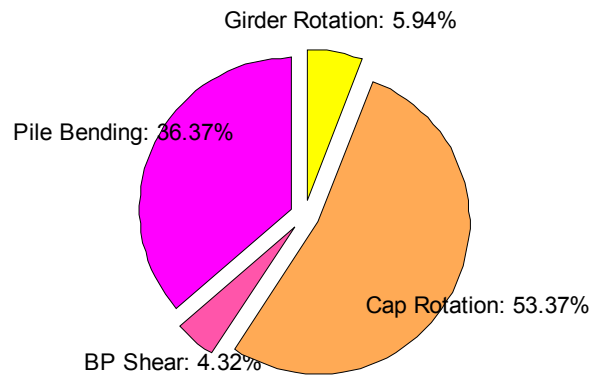


Figure 163

6% ALR Circular / BP V / Load 1 / 2.25in Top Displ.

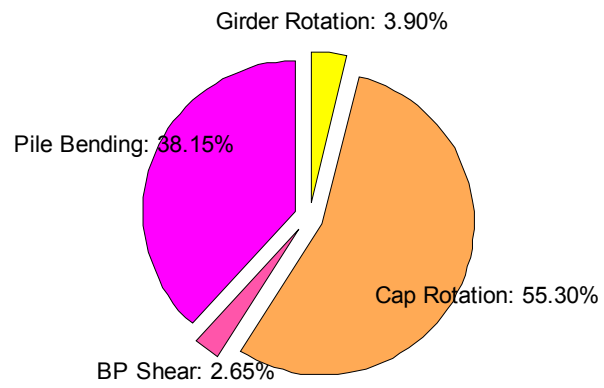


Figure 164

6% ALR Circular / BP V / Load 3 / -2.25in Top Displ.

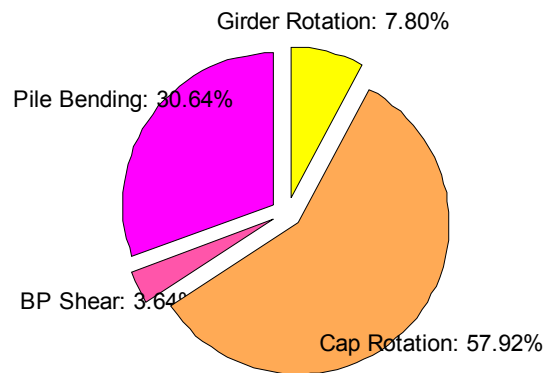


Figure 165

6% ALR Circular / BP V / Load 3 / 3in Top Displ.

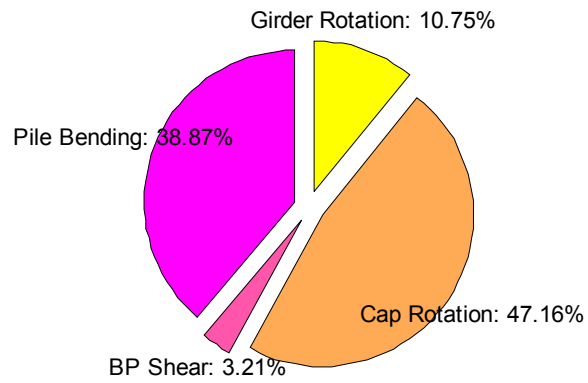


Figure 166

6% ALR Circular / BP V / Load 3 / -3in Top Displ.

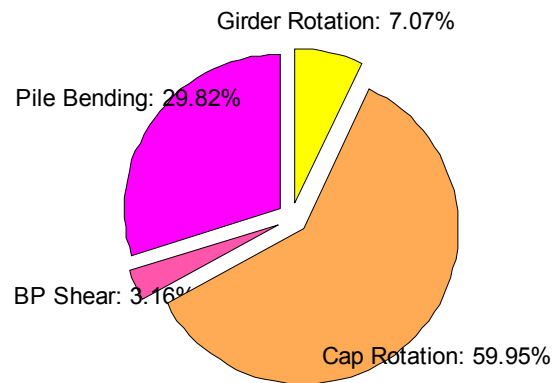


Figure 167

8% ALR Circular / BP V / Load 1 / 0.75in Top Displ.

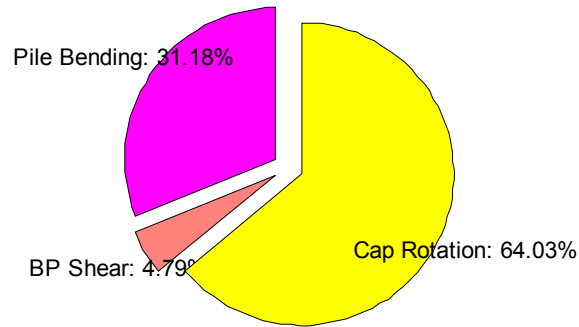


Figure 168

8% ALR Circular / BP V / Load 1 / -0.75in Top Displ.

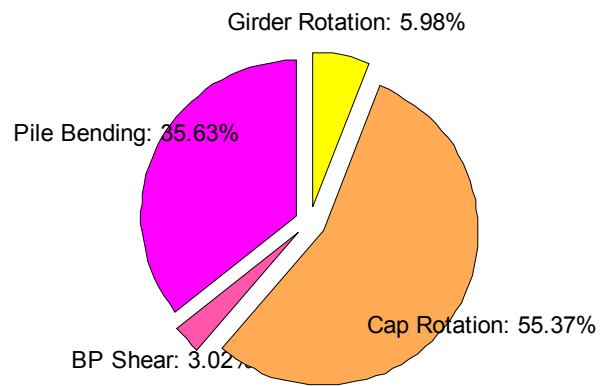


Figure 169

8% ALR Circular / BP V / Load 1 / 1.5in Top Displ.

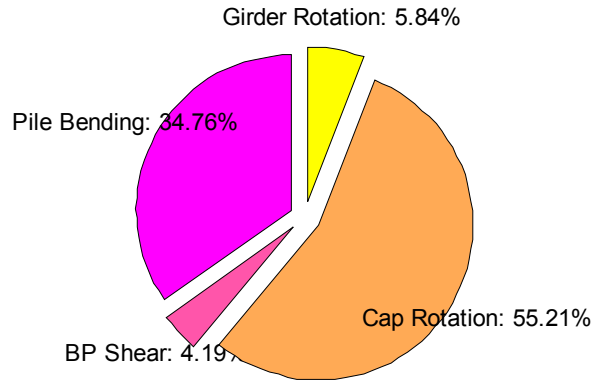


Figure 170

8% ALR Circular / BP V / Load 1 / -1.5in Top Displ.

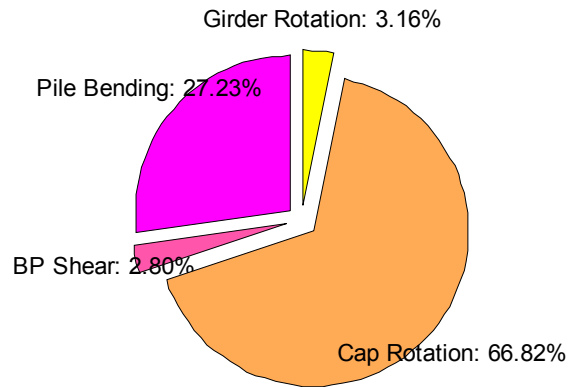


Figure 171

8% ALR Circular / BP V / Load 1 / 3in Top Displ.

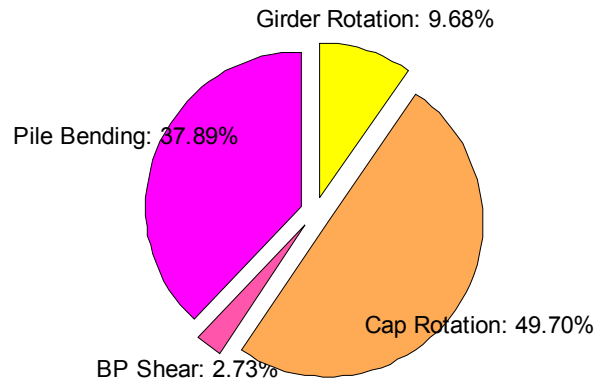


Figure 172

8% ALR Circular / BP V / Load 1 / -3in Top Displ.

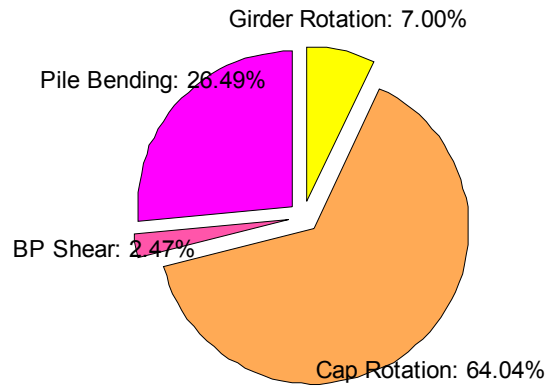


Figure 173

8% ALR Circular / BP V / Load 2 / 0.75in Top Displ.

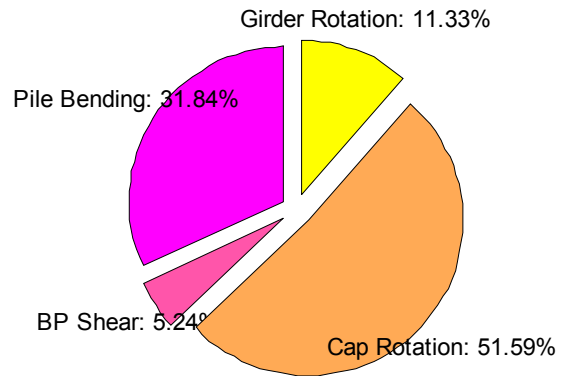


Figure 174

8% ALR Circular / BP V / Load 2 / -0.75in Top Displ.

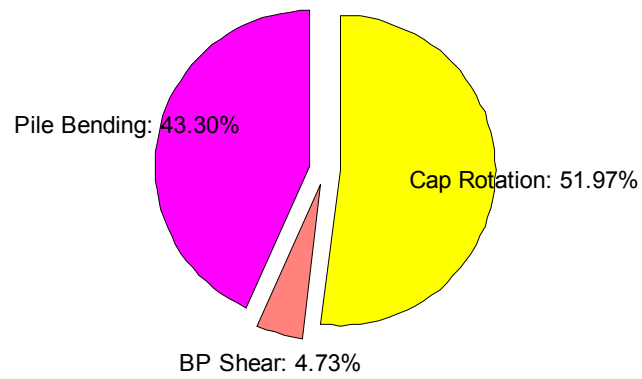


Figure 175

8% ALR Circular / BP V / Load 2 / 1.5in Top Displ.

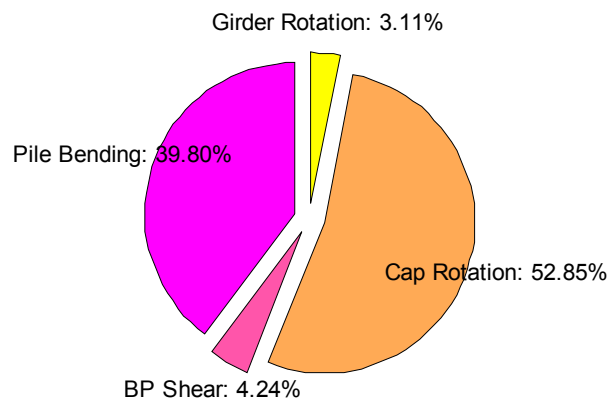


Figure 176

8% ALR Circular / BP V / Load 2 / -1.5in Top Displ.

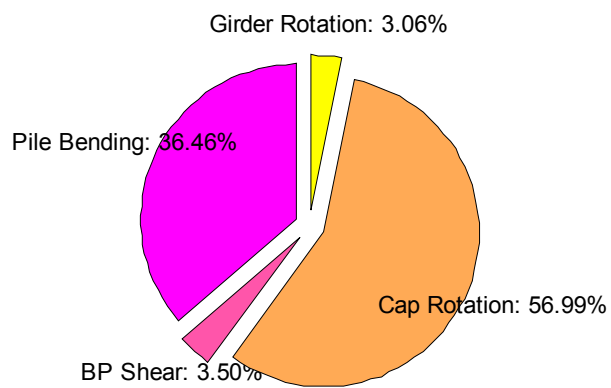


Figure 177

8% ALR Circular / BP V / Load 2 / 2.25in Top Displ.

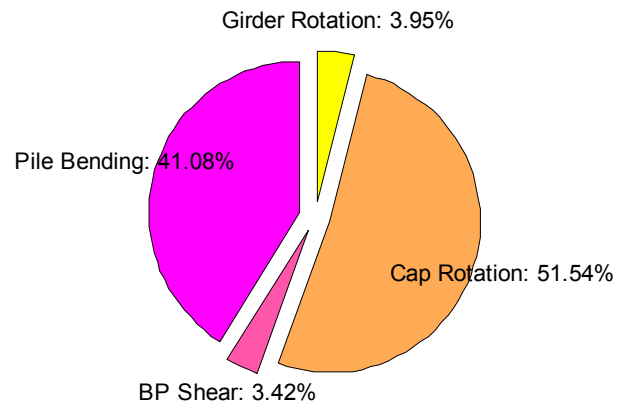


Figure 178

8% ALR Circular / BP V / Load 2 / -2.25in Top Displ.

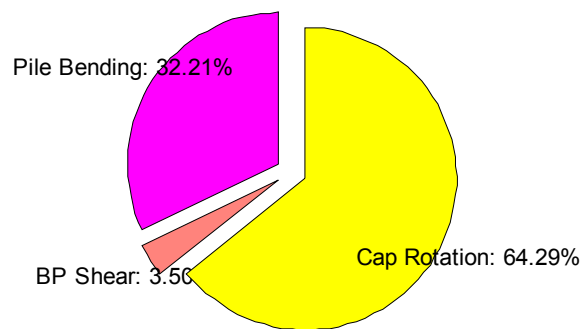


Figure 179

8% ALR Circular / BP V / Load 2 / 3in Top Displ.

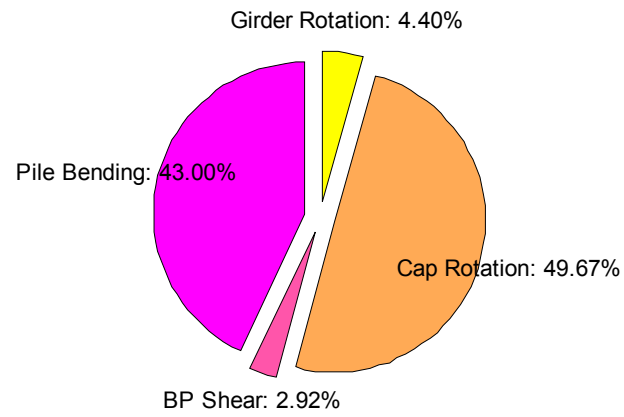


Figure 180

8% ALR Circular / BP V / Load 2 / -3in Top Displ.

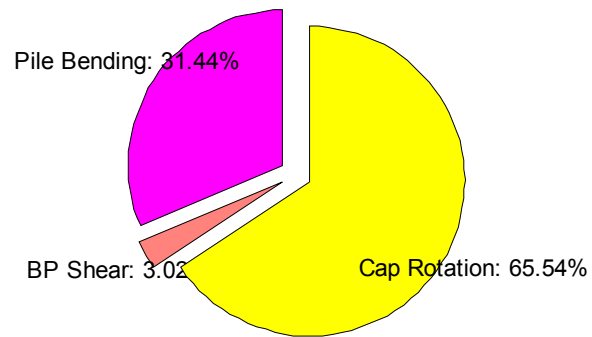


Figure 181

8% ALR Circular / BP V / Load 3 / 0.75in Top Displ.

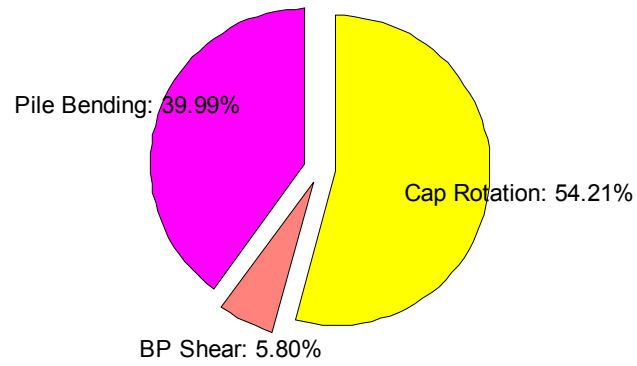


Figure 182

8% ALR Circular / BP V / Load 3 / -0.75in Top Displ.

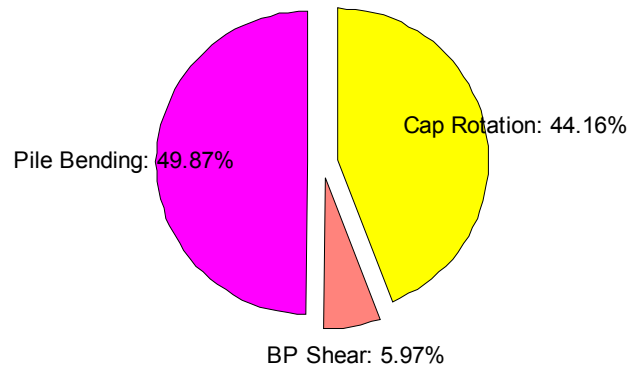


Figure 183

8% ALR Circular / BP V / Load 3 / 1.5in Top Displ.

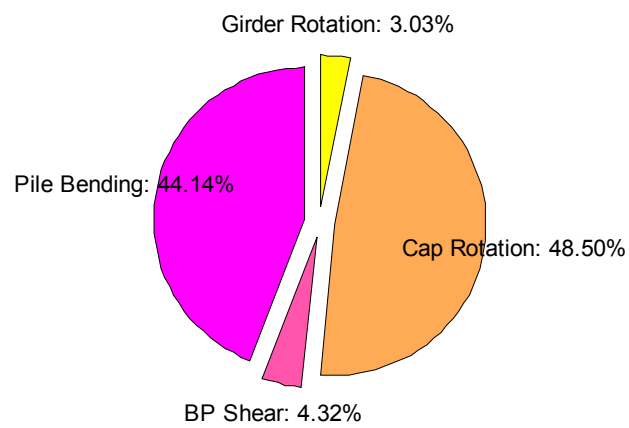


Figure 184

8% ALR Circular / BP V / Load 3 / -1.5in Top Displ.

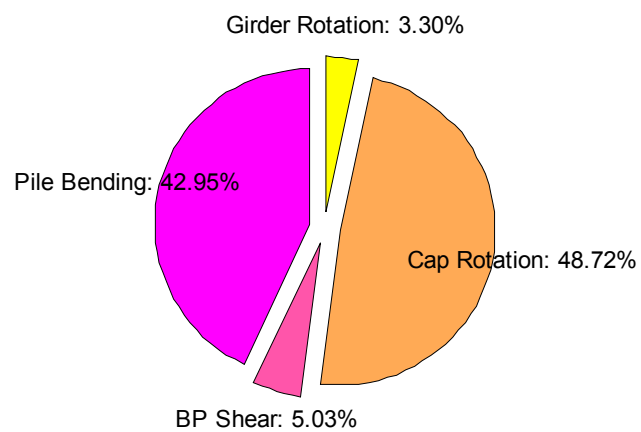


Figure 185

8% ALR Circular / BP V / Load 3 / 2.25in Top Displ.

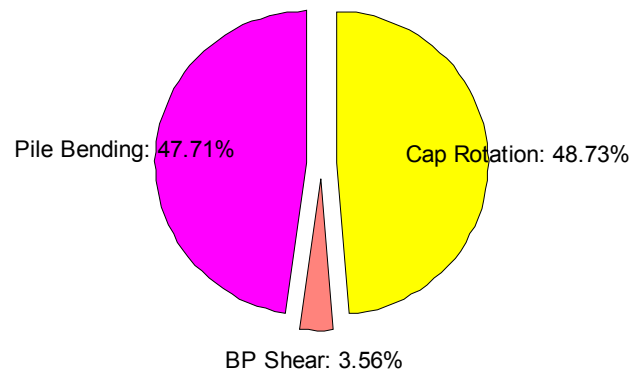


Figure 186

8% ALR Circular / BP V / Load 3 / -2.25in Top Displ.

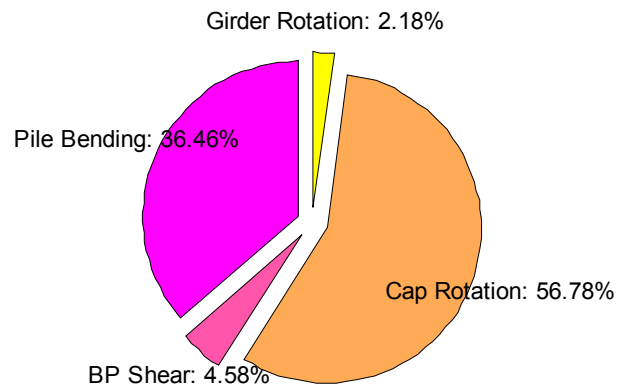


Figure 187

8% ALR Circular / BP V / Load 3 / 3in Top Displ.

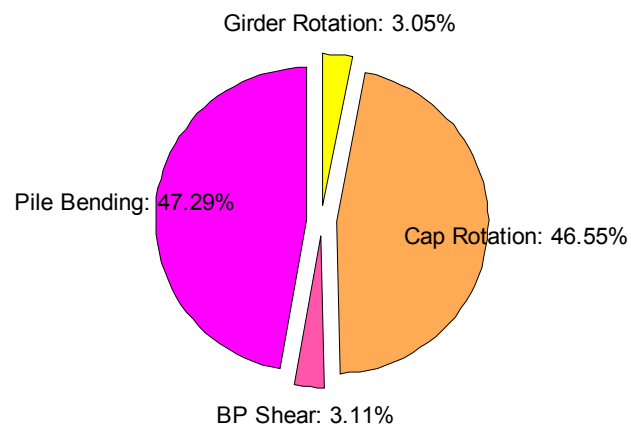


Figure 188

8% ALR Circular / BP V / Load 3 / -3in Top Displ.

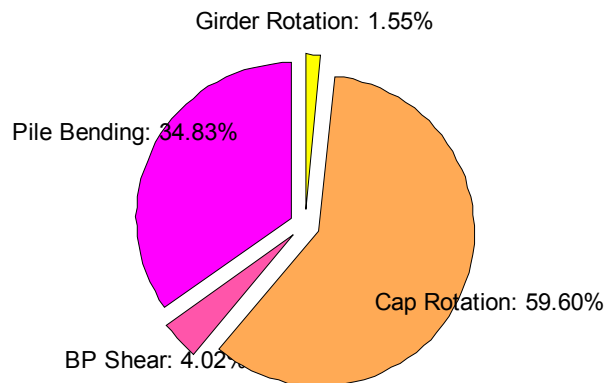


Figure 189

4% ALR Circular / BP VI / Load 1 / 0.75in Top Displ.

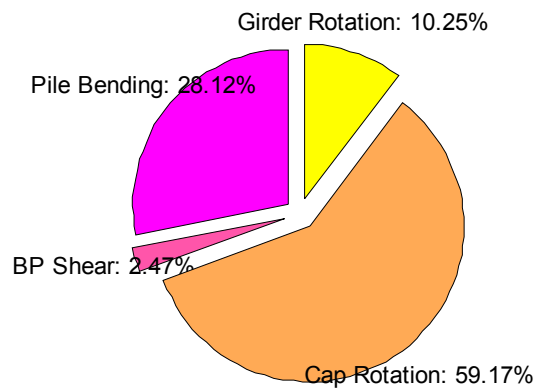


Figure 190

4% ALR Circular / BP VI / Load 1 / -0.75in Top Displ.

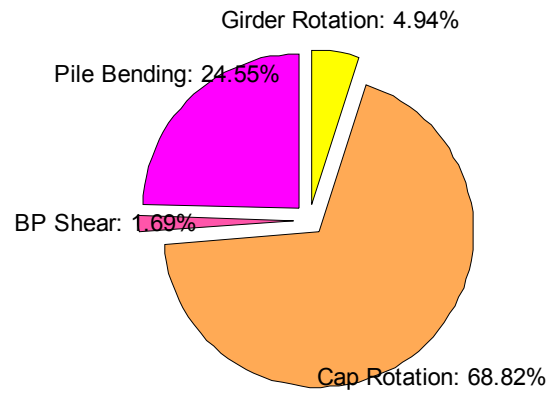


Figure 191

4% ALR Circular / BP VI / Load 1 / 1.5in Top Displ.

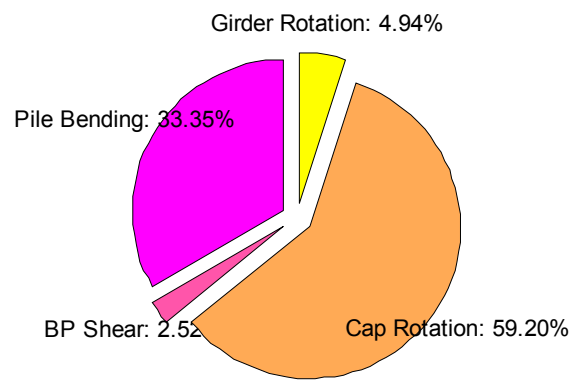


Figure 192

4% ALR Circular / BP VI / Load 1 / -1.5in Top Displ.

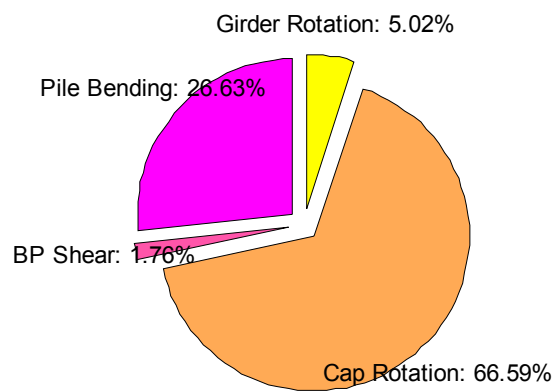


Figure 193

4% ALR Circular / BP VI / Load 1 / 2.25in Top Displ.

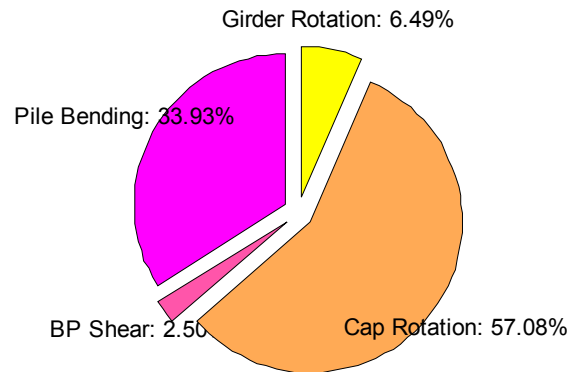


Figure 194

4% ALR Circular / BP VI / Load 1 / -2.25in Top Displ.

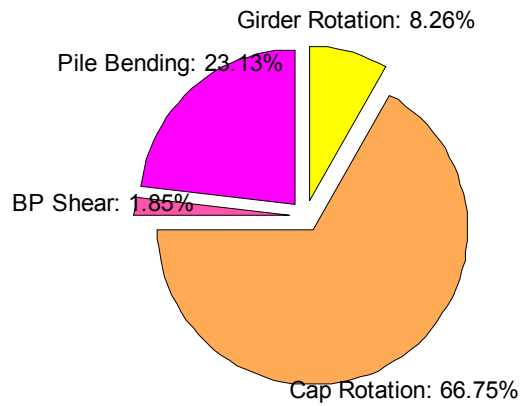


Figure 195

4% ALR Circular / BP VI / Load 1 / 3in Top Displ.

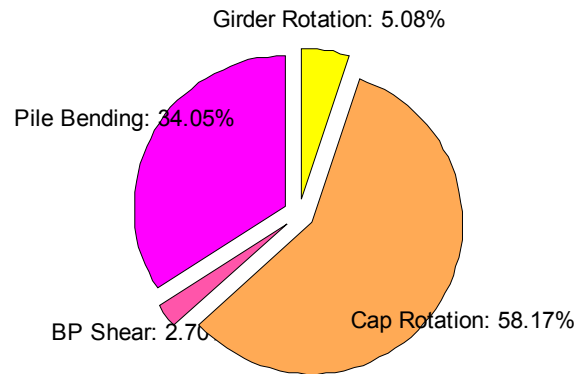


Figure 196

4% ALR Circular / BP VI / Load 1 / -3in Top Displ.

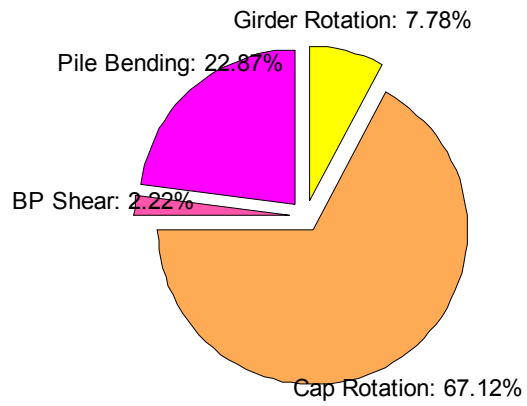


Figure 197

4% ALR Circular / BP VI / Load 2 / 0.75in Top Displ.

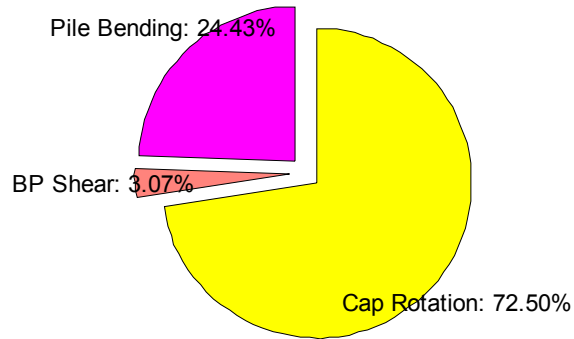


Figure 198

4% ALR Circular / BP VI / Load 2 / -0.75in Top Displ.

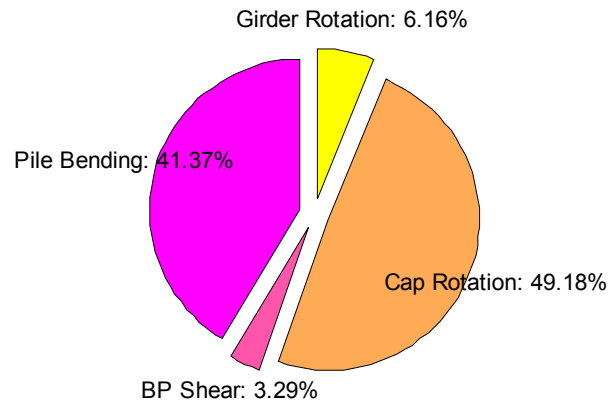


Figure 199

4% ALR Circular / BP VI / Load 2 / 1.5in Top Displ.

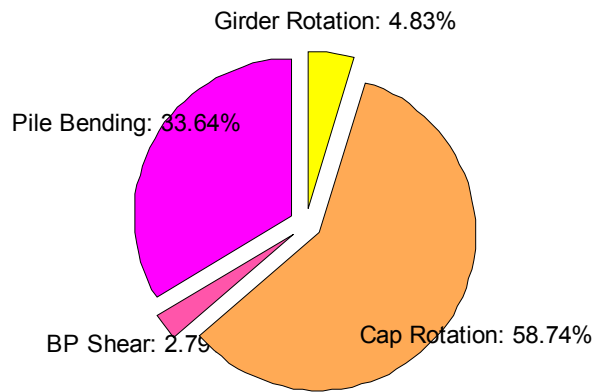


Figure 200

4% ALR Circular / BP VI / Load 2 / -1.5in Top Displ.

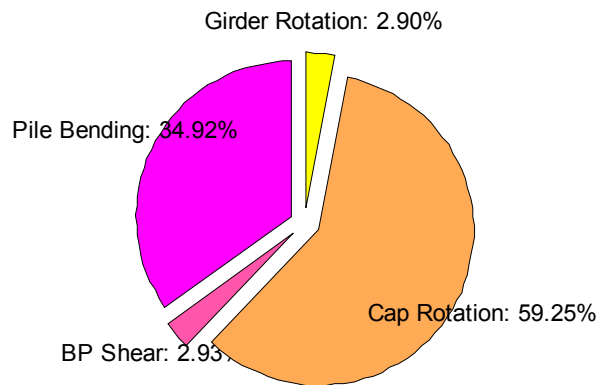


Figure 201

4% ALR Circular / BP VI / Load 2 / 2.25in Top Displ.

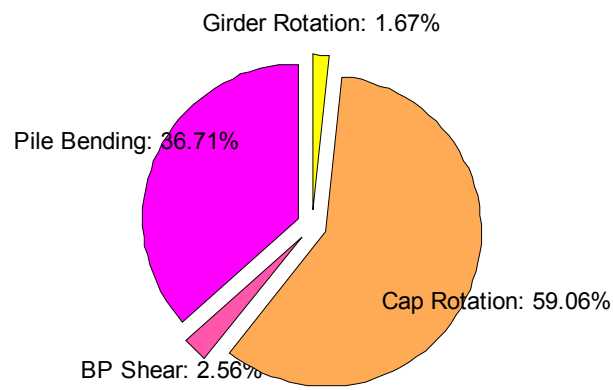


Figure 202

4% ALR Circular / BP VI / Load 2 / -2.25in Top Displ.

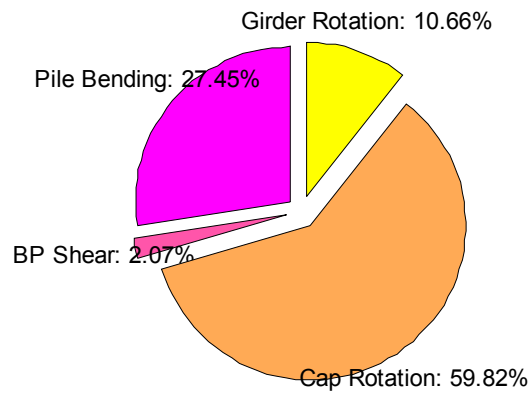


Figure 203

4% ALR Circular / BP VI / Load 2 / 3in Top Displ.

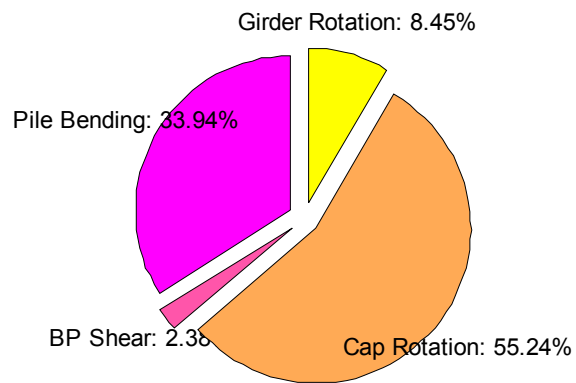


Figure 204

4% ALR Circular / BP VI / Load 2 / -3in Top Displ.

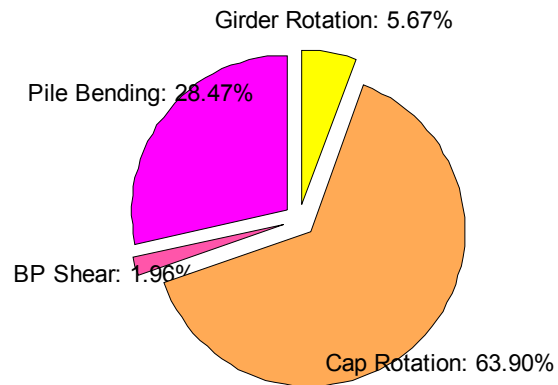


Figure 205

4% ALR Circular / BP VI / Load 3 / 0.75in Top Displ.

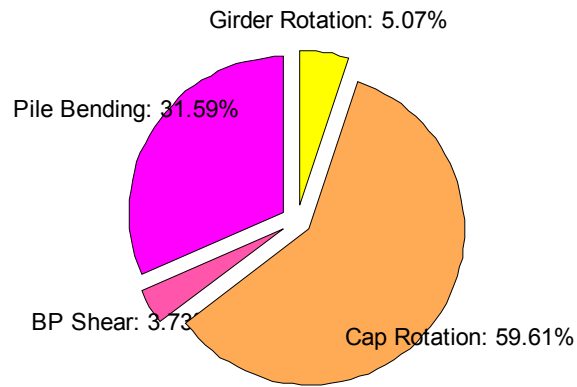


Figure 206

4% ALR Circular / BP VI / Load 3 / -0.75in Top Displ.

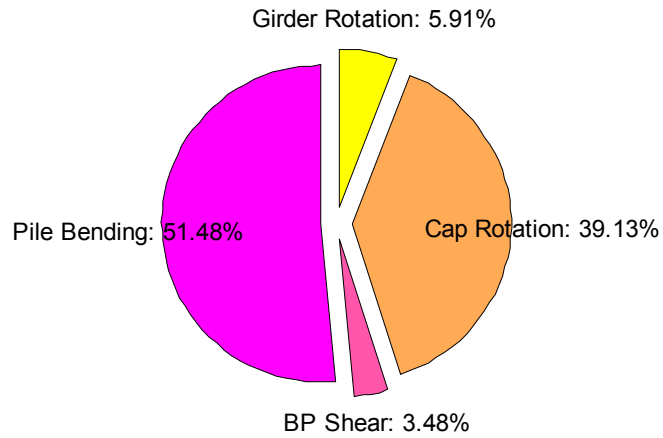


Figure 207

4% ALR Circular / BP VI / Load 3 / 1.5in Top Displ.

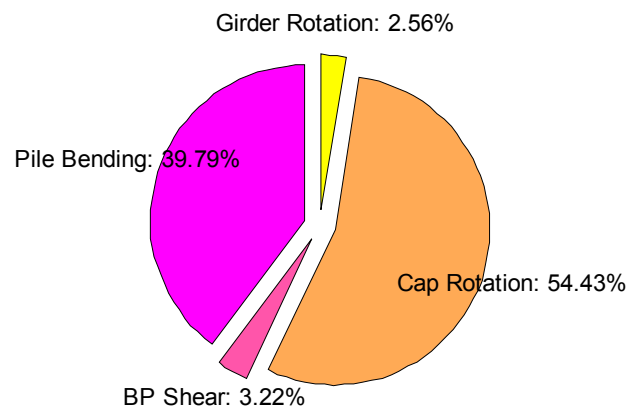


Figure 208

4% ALR Circular / BP VI / Load 3 / -1.5in Top Displ.

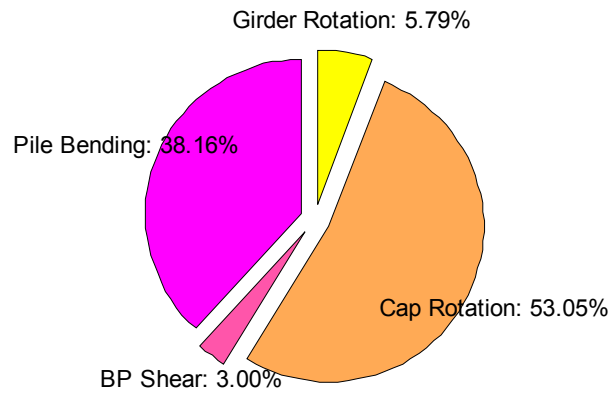


Figure 209

4% ALR Circular / BP VI / Load 3 / 2.25in Top Displ.

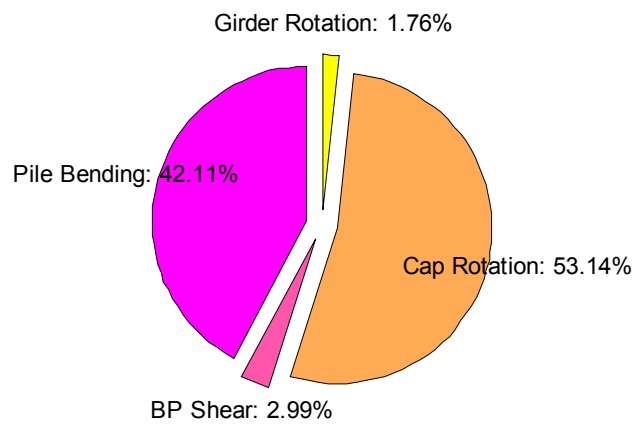


Figure 210

4% ALR Circular / BP VI / Load 3 / -2.25in Top Displ.

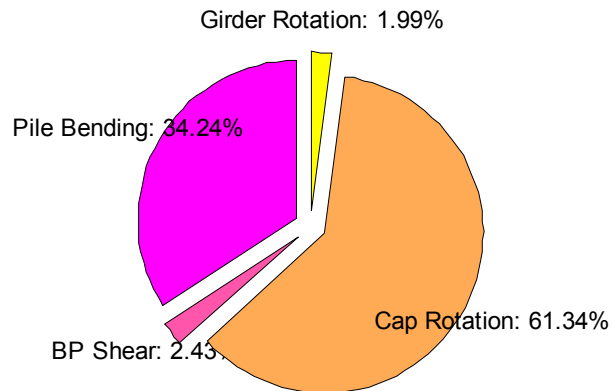


Figure 211

4% ALR Circular / BP VI / Load 3 / 3in Top Displ.

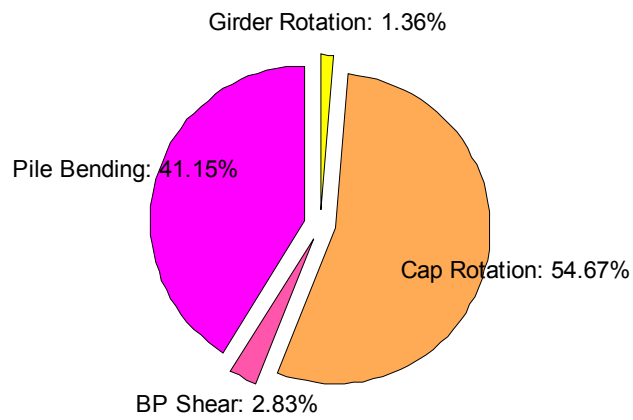


Figure 212

4% ALR Circular / BP VI / Load 3 / -3in Top Displ.

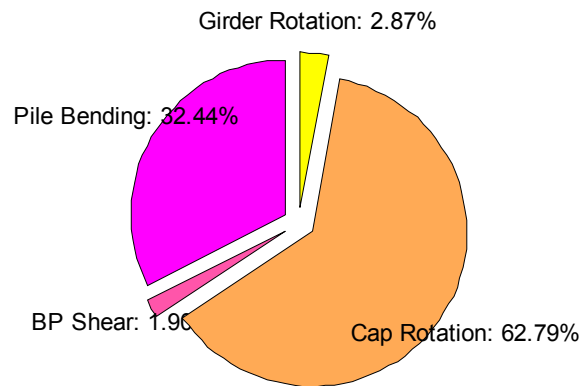


Figure 213

6% ALR Circular / BP VI / Load 1 / 0.75in Top Displ.

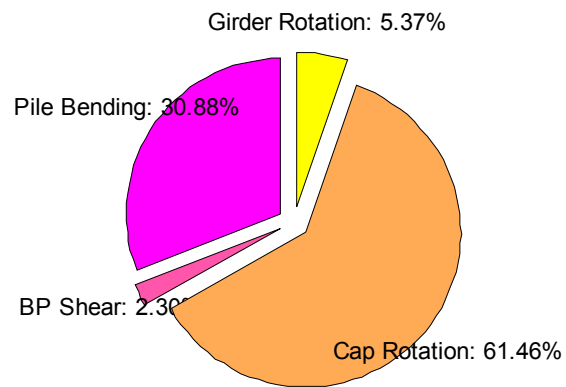


Figure 214

6% ALR Circular / BP VI / Load 1 / -0.75in Top Displ.

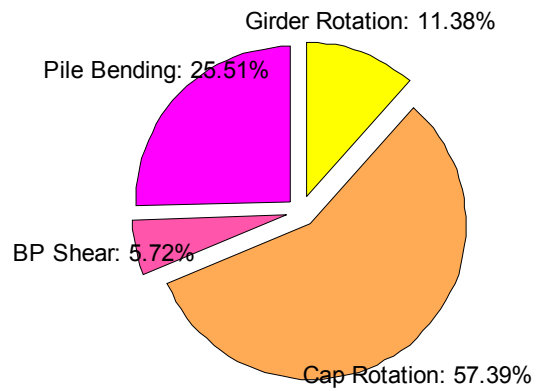


Figure 215

6% ALR Circular / BP VI / Load 1 / 1.5in Top Displ.

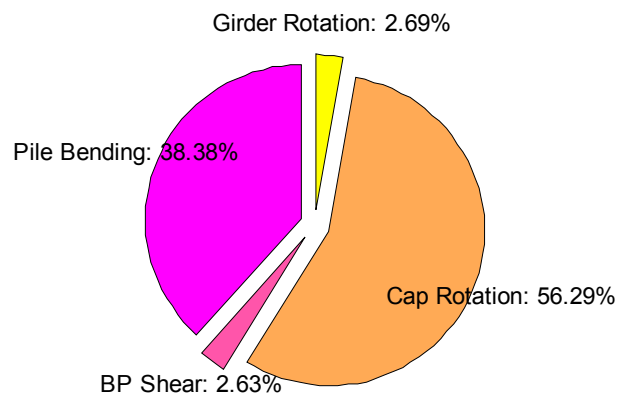


Figure 216

6% ALR Circular / BP VI / Load 1 / -1.5in Top Displ.

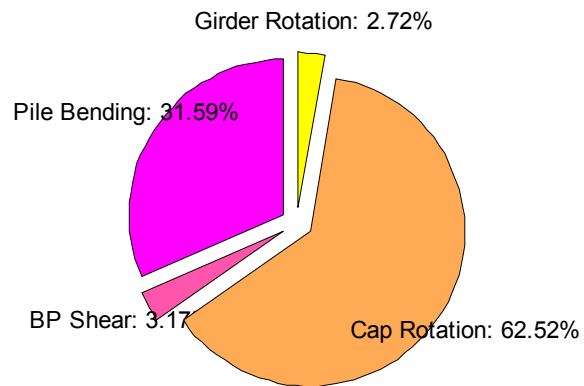


Figure 217

6% ALR Circular / BP VI / Load 1 / 2.25in Top Displ.

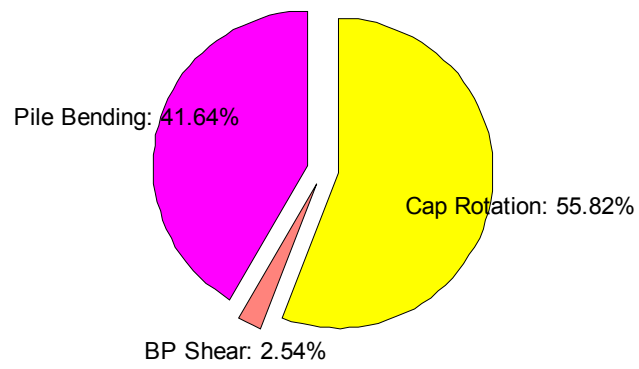


Figure 218

6% ALR Circular / BP VI / Load 1 / -2.25in Top Displ.

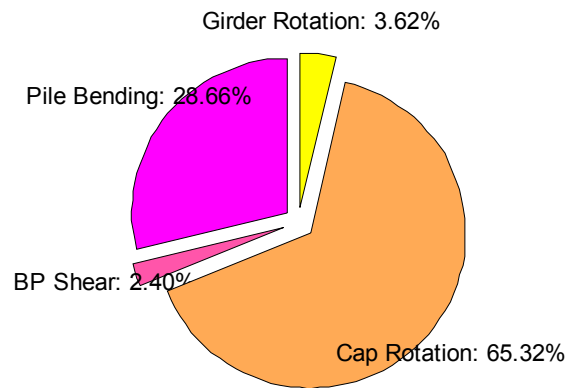


Figure 219

6% ALR Circular / BP VI / Load 1 / 3in Top Displ.

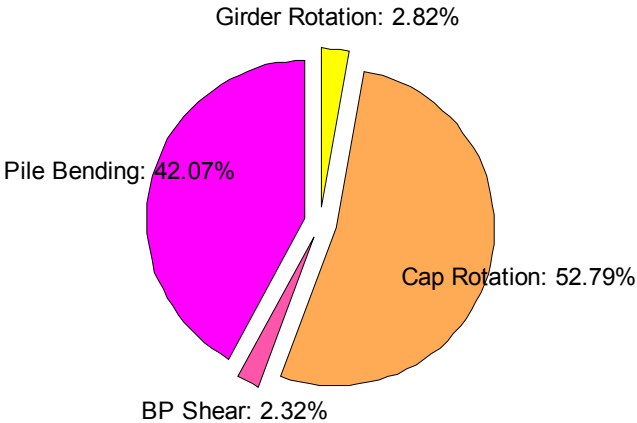


Figure 220

6% ALR Circular / BP VI / Load 1 / -3in Top Displ.

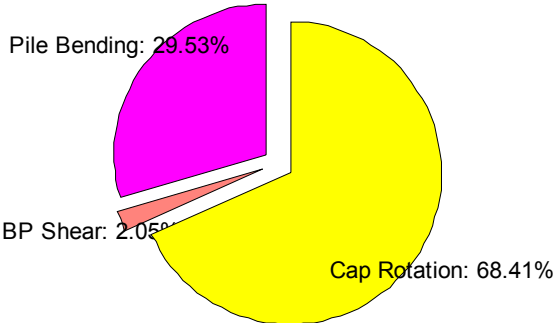


Figure 221

6% ALR Circular / BP VI / Load 2 / 0.75in Top Displ.

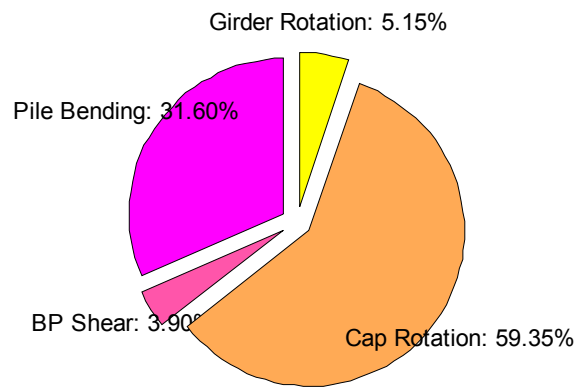


Figure 222

6% ALR Circular / BP VI / Load 2 / -0.75in Top Displ.

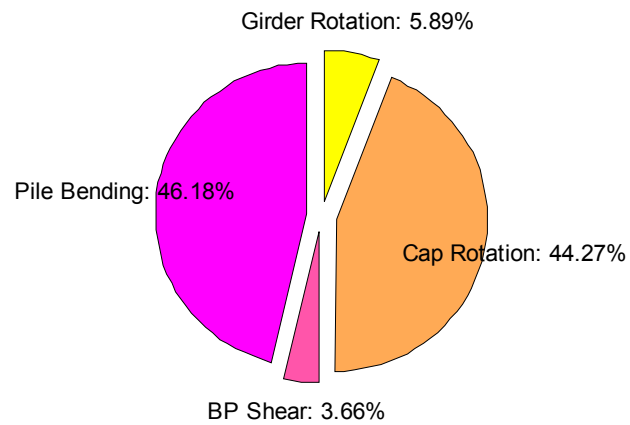


Figure 223

6% ALR Circular / BP VI / Load 2 / 1.5in Top Displ.

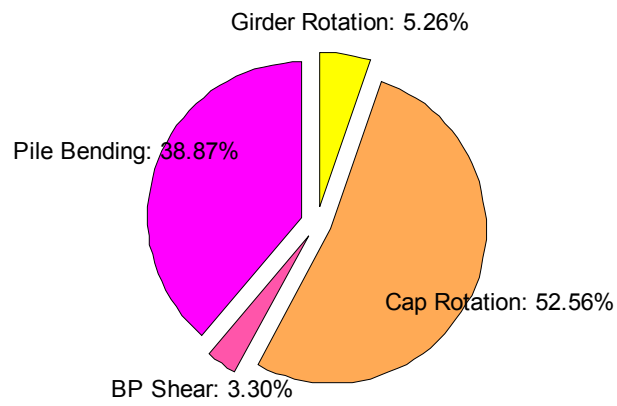


Figure 224

6% ALR Circular / BP VI / Load 2 / -1.5in Top Displ.

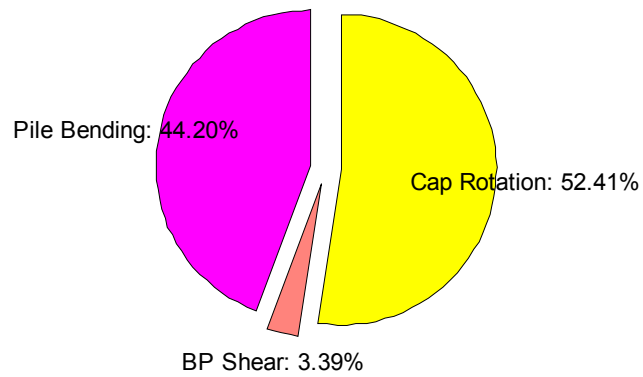


Figure 225

6% ALR Circular / BP VI / Load 2 / 2.25in Top Displ.

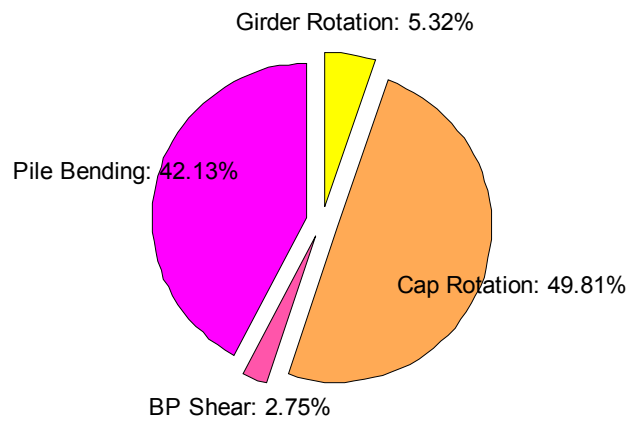


Figure 226

6% ALR Circular / BP VI / Load 2 / -2.25in Top Displ.

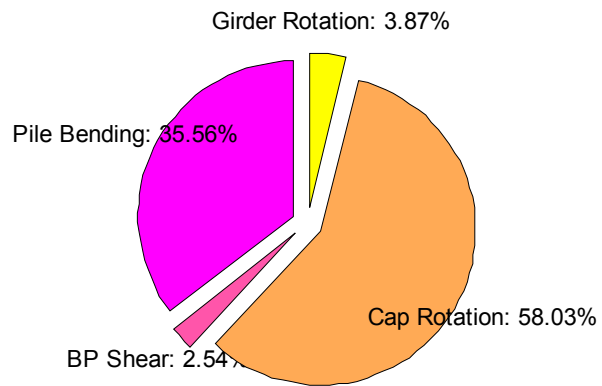


Figure 227

6% ALR Circular / BP VI / Load 2 / 3in Top Displ.

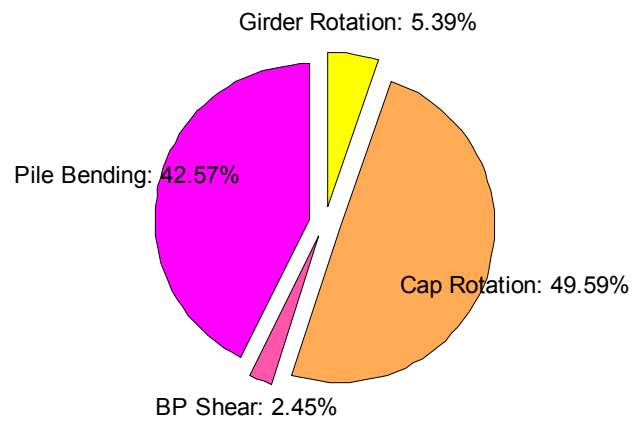


Figure 228

6% ALR Circular / BP VI / Load 2 / -3in Top Displ.

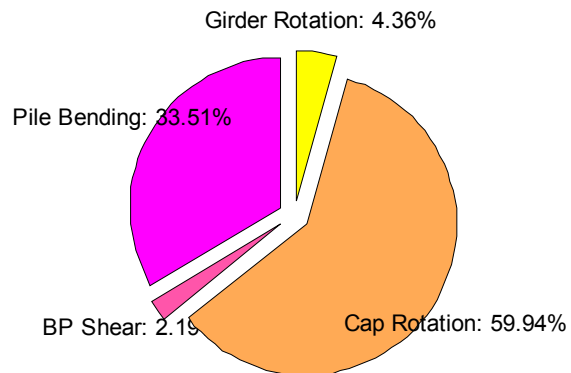


Figure 229

6% ALR Circular / BP VI / Load 3 / 0.75in Top Displ.

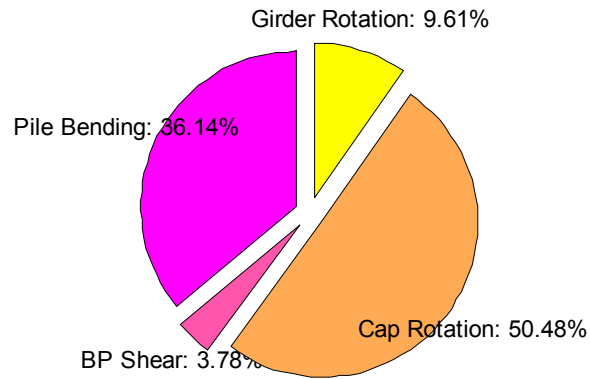


Figure 230

6% ALR Circular / BP VI / Load 3 / -0.75in Top Displ.

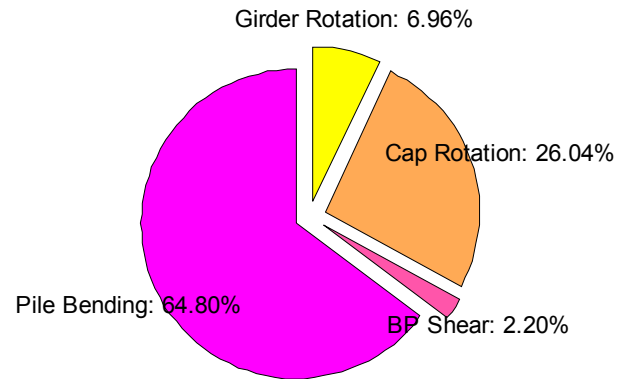


Figure 231

6% ALR Circular / BP VI / Load 3 / 1.5in Top Displ.

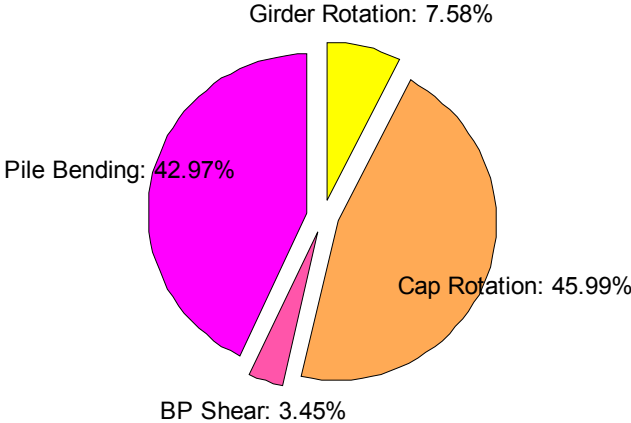


Figure 232

6% ALR Circular / BP VI / Load 3 / -1.5in Top Displ.

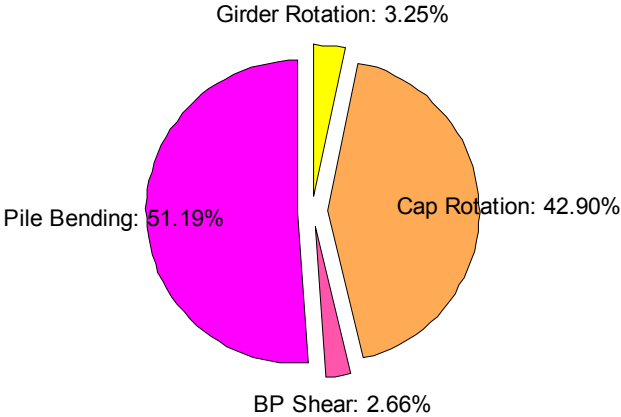


Figure 233

6% ALR Circular / BP VI / Load 3 / 2.25in Top Displ.

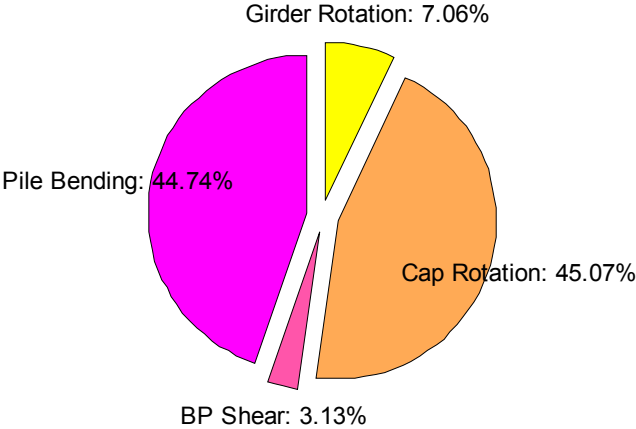


Figure 234

6% ALR Circular / BP VI / Load 3 / -2.25in Top Displ.

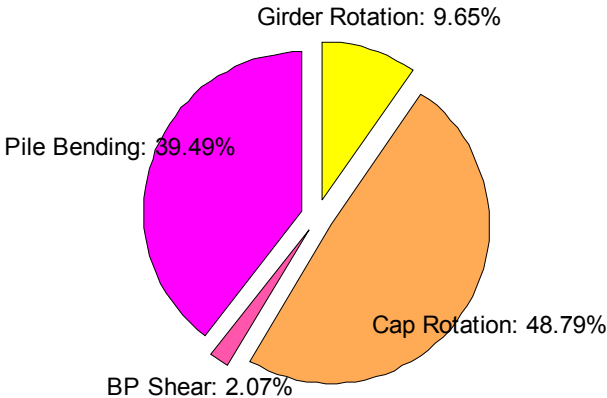


Figure 235

6% ALR Circular / BP VI / Load 3 / 3in Top Displ.

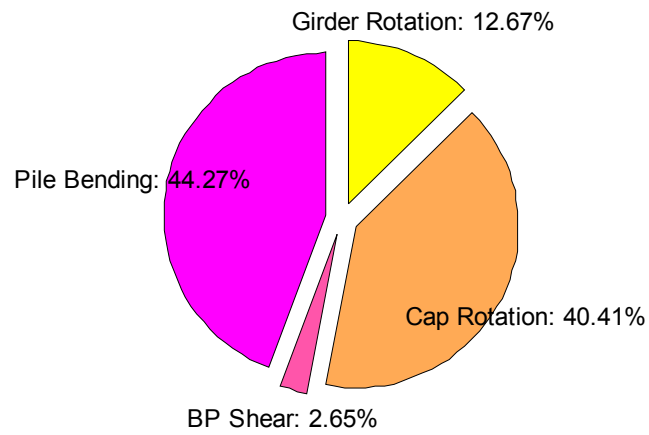


Figure 236

6% ALR Circular / BP VI / Load 3 / -3in Top Displ.

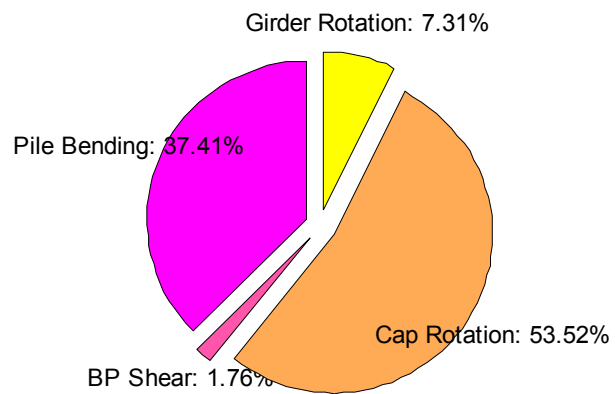


Figure 237

8% ALR Circular / BP VI / Load 1 / 0.75in Top Displ.

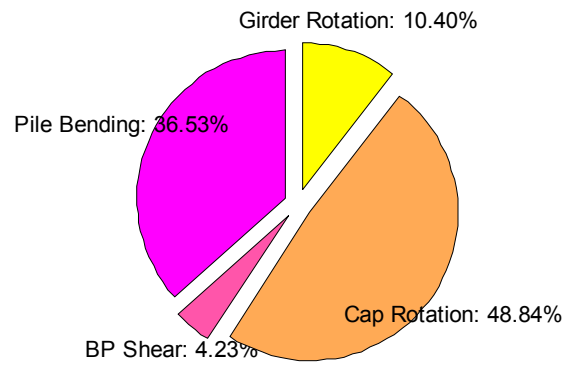


Figure 238

8% ALR Circular / BP VI / Load 1 / -0.75in Top Displ.

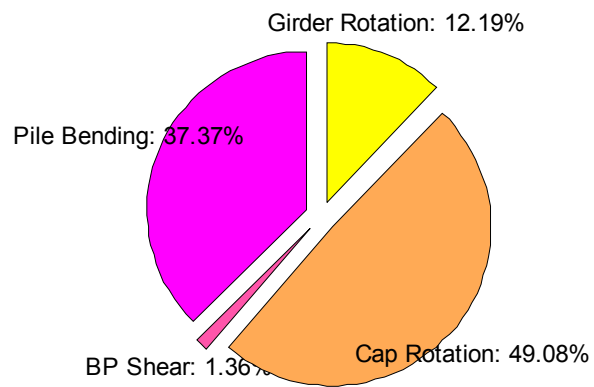


Figure 239

8% ALR Circular / BP VI / Load 1 / 1.5in Top Displ.

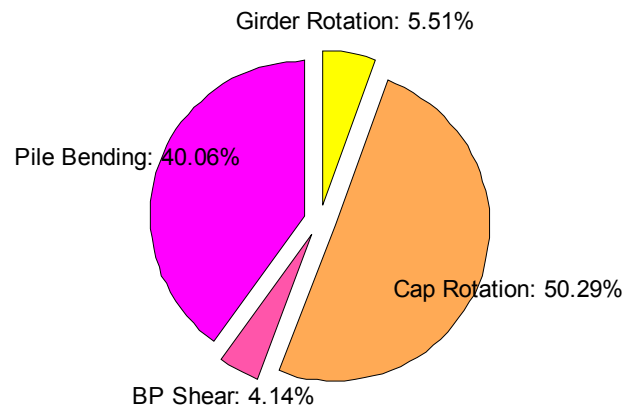


Figure 240

8% ALR Circular / BP VI / Load 1 / -1.5in Top Displ.

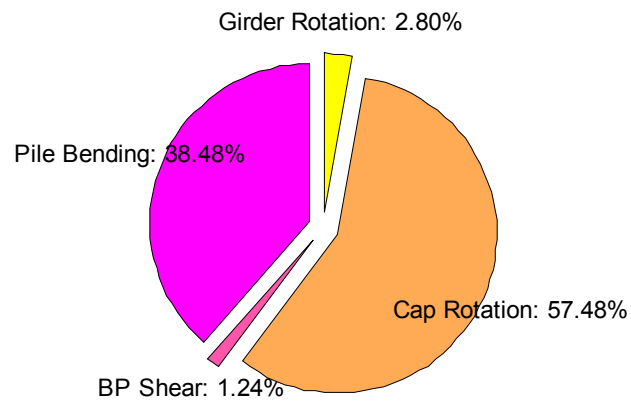


Figure 241

8% ALR Circular / BP VI / Load 1 / 2.25in Top Displ.

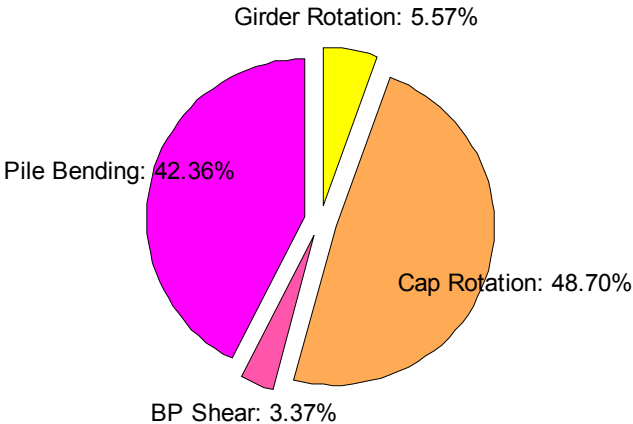


Figure 242

8% ALR Circular / BP VI / Load 1 / -2.25in Top Displ.

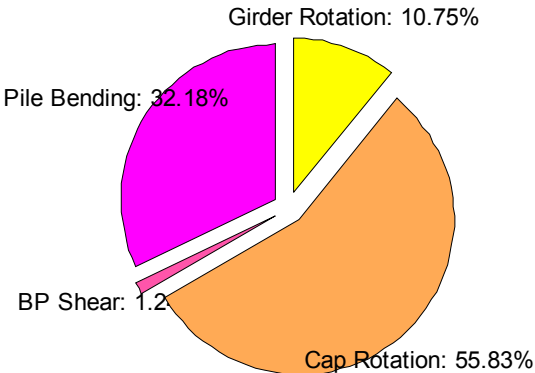


Figure 243

8% ALR Circular / BP VI / Load 1 / 3in Top Displ.

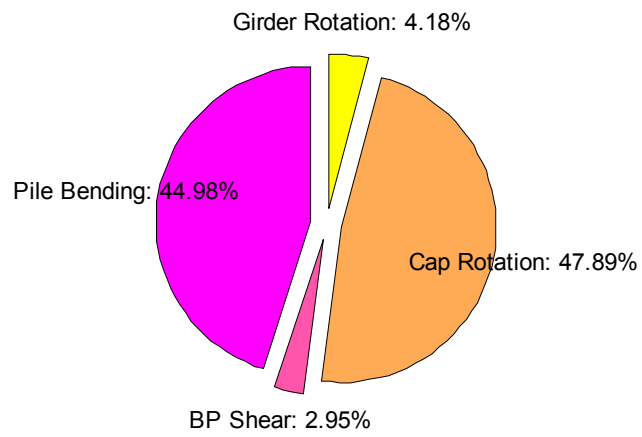


Figure 244

8% ALR Circular / BP VI / Load 1 / -3in Top Displ.

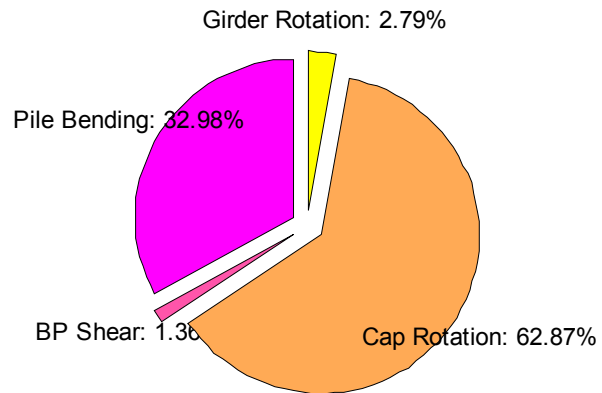


Figure 245

8% ALR Circular / BP VI / Load 2 / 0.75in Top Displ.

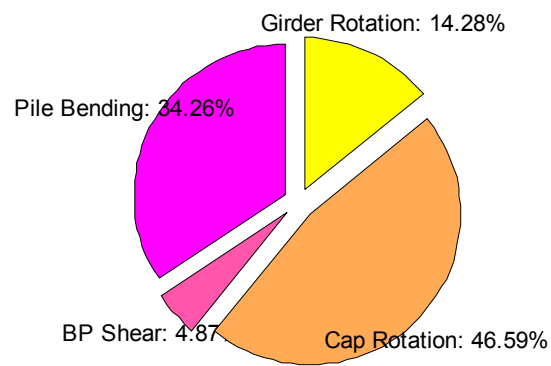


Figure 246

8% ALR Circular / BP VI / Load 2 / -0.75in Top Displ.

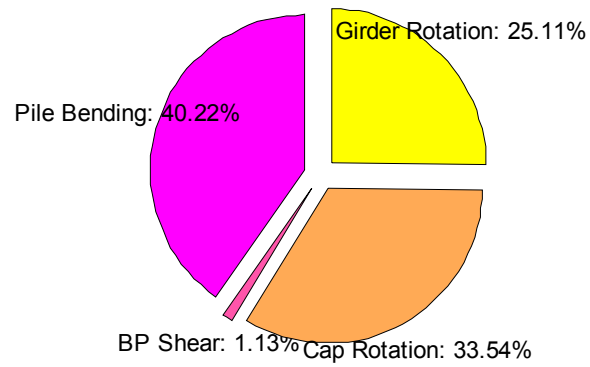


Figure 247

8% ALR Circular / BP VI / Load 2 / 1.5in Top Displ.

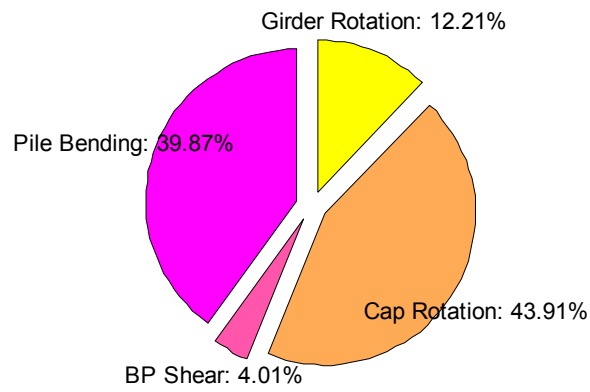


Figure 248

8% ALR Circular / BP VI / Load 2 / -1.5in Top Displ.

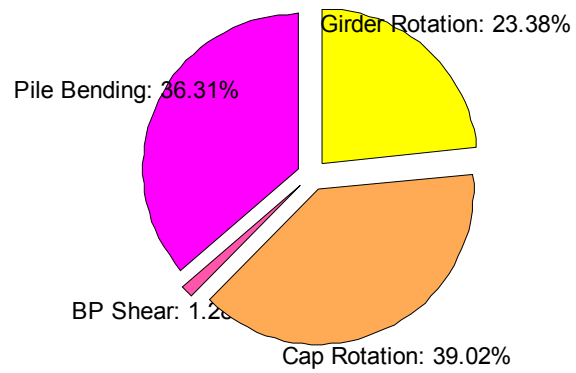


Figure 249

8% ALR Circular / BP VI / Load 2 / 2.25in Top Displ.

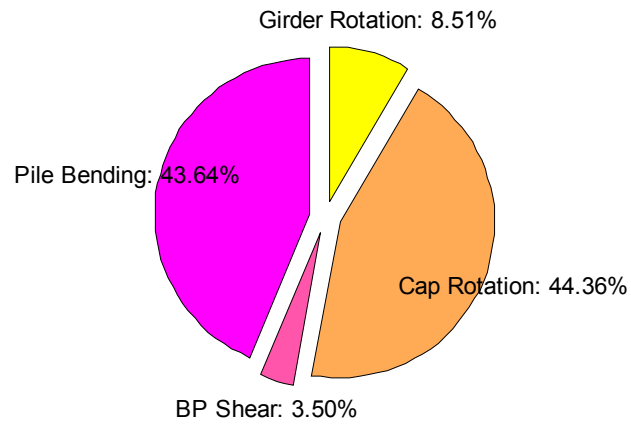


Figure 250

8% ALR Circular / BP VI / Load 2 / -2.25in Top Displ.

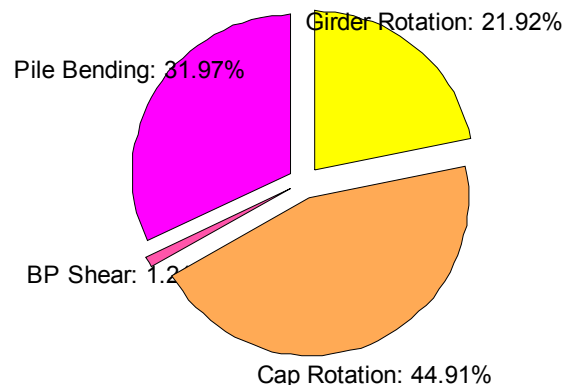


Figure 251

8% ALR Circular / BP VI / Load 2 / 3in Top Displ.

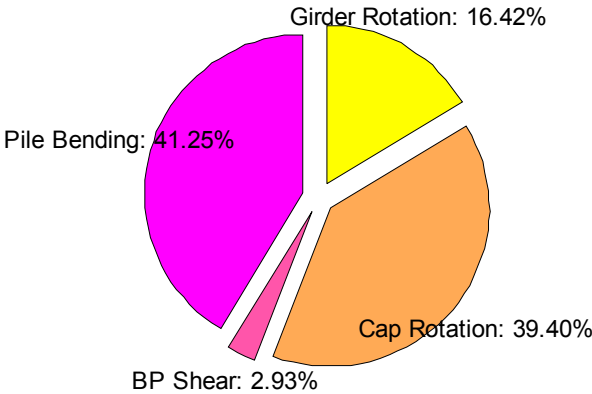


Figure 252

8% ALR Circular / BP VI / Load 2 / -3in Top Displ.

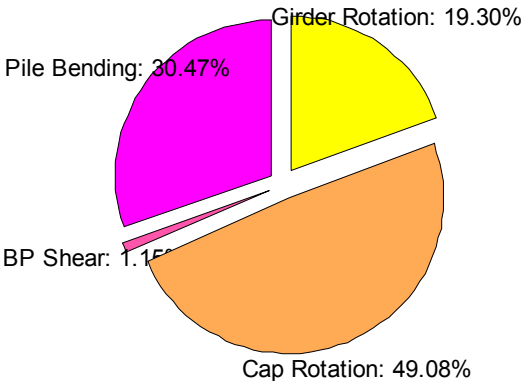


Figure 253

H-Pile/ BP V / Load 1 / 0.75in Top Displ.

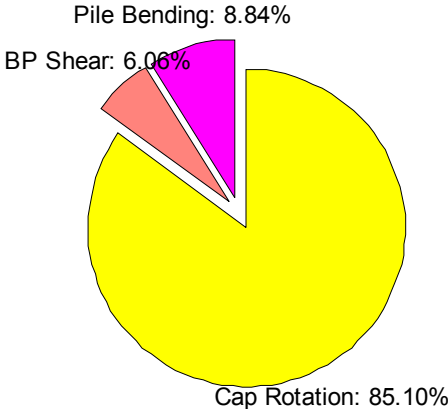


Figure 254

H-Pile/ BP V / Load 1 / -0.75in Top Displ.

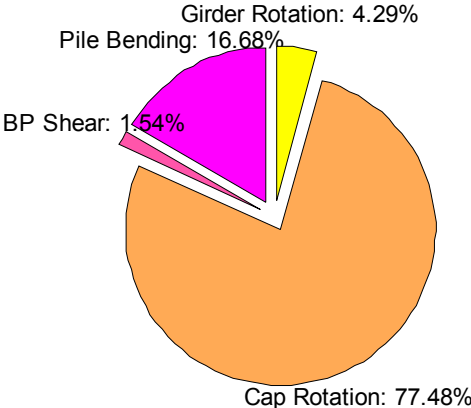


Figure 255

H-Pile/ BP V / Load 1 / 1.5in Top Displ.

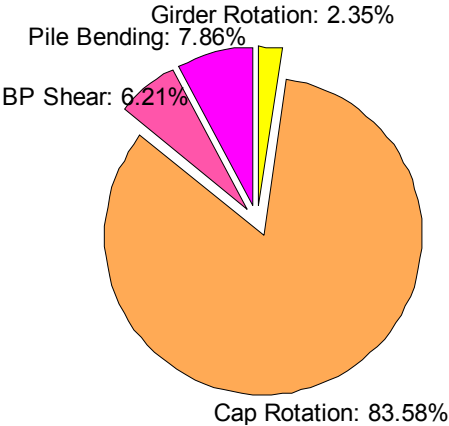


Figure 256

H-Pile/ BP V / Load 1 / -1.5in Top Displ.

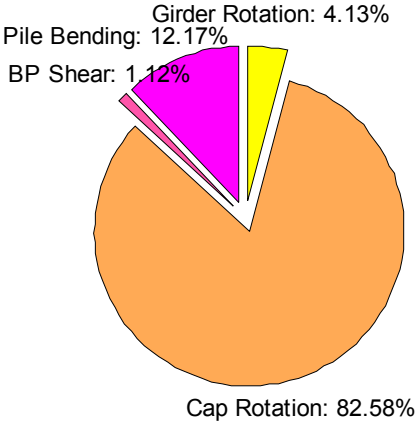


Figure 257

H-Pile/ BP V / Load 1 / 2.25in Top Displ.

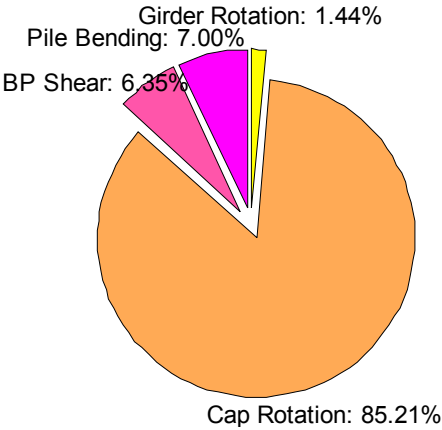


Figure 258

H-Pile/ BP V / Load 1 / -2.25in Top Displ.

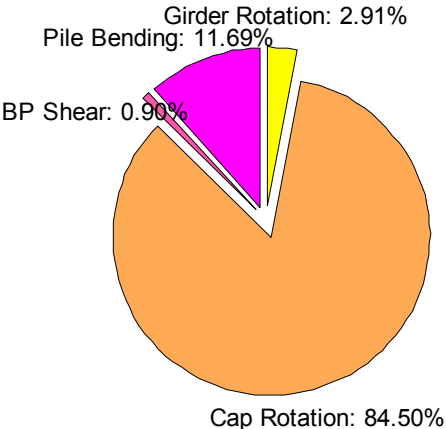


Figure 259

H-Pile/ BP V / Load 1 / 3in Top Displ.

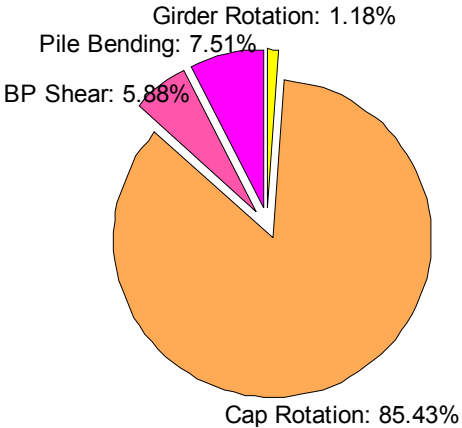


Figure 260

H-Pile/ BP V / Load 1 / -3in Top Displ.

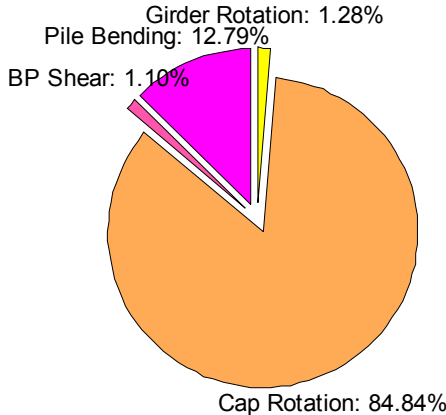


Figure 261

H-Pile/ BP V / Load 2/ 0.75in Top Displ.

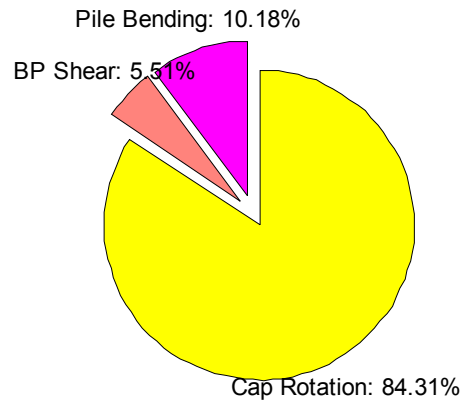


Figure 262

H-Pile/ BP V / Load 2/ -0.75in Top Displ.

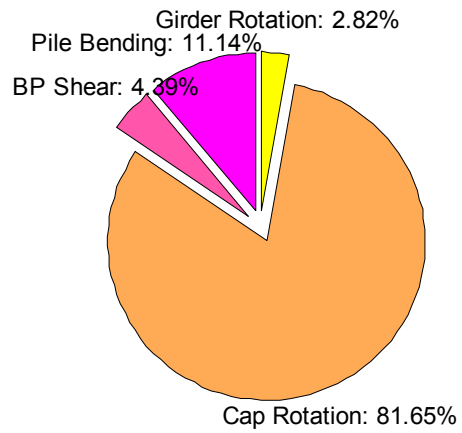


Figure 263

H-Pile/ BP V / Load 2/ 1.5in Top Displ.

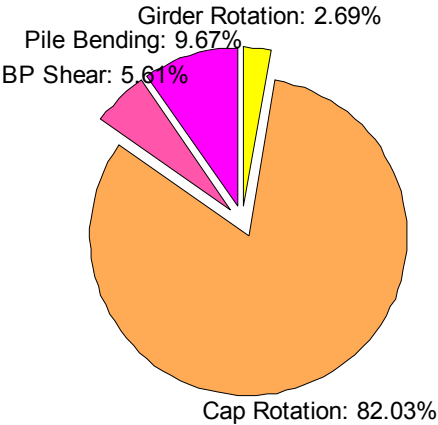


Figure 264

H-Pile/ BP V / Load 2/ -1.5in Top Displ.

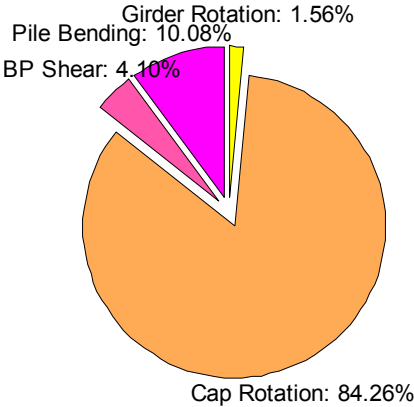


Figure 265

H-Pile/ BP V / Load 2/ 2.25in Top Displ.

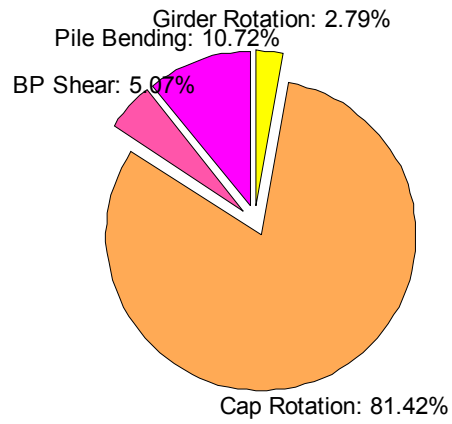


Figure 266

H-Pile/ BP V / Load 2/ -2.25in Top Displ.

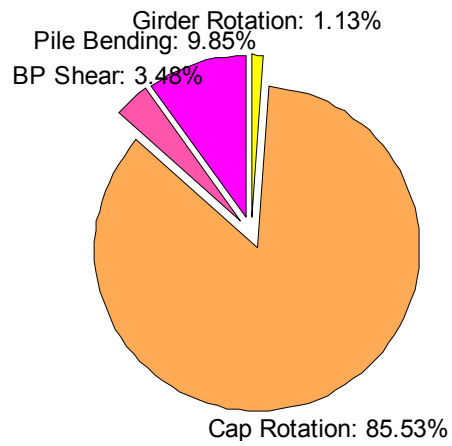


Figure 267

H-Pile/ BP V / Load 2/ 3in Top Displ.

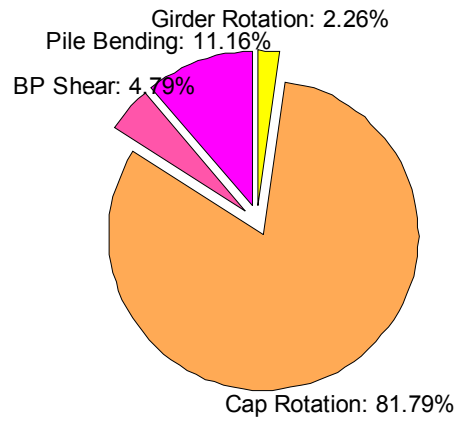


Figure 268

H-Pile/ BP V / Load 2/ -3in Top Displ.

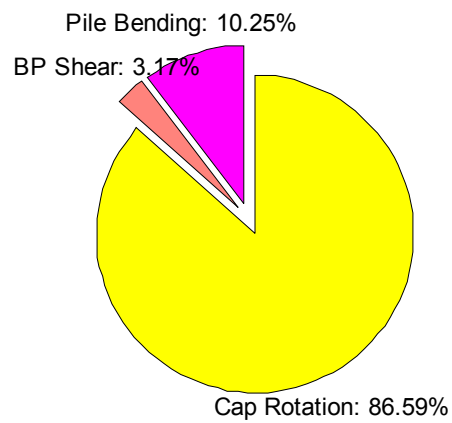


Figure 269

H-Pile/ BP V / Load 3/ 0.75in Top Displ.

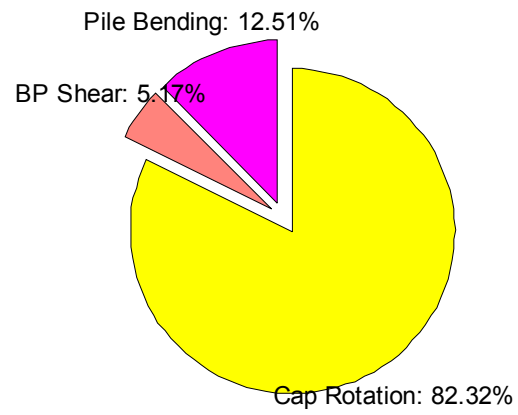


Figure 270

H-Pile/ BP V / Load 3/ -0.75in Top Displ.

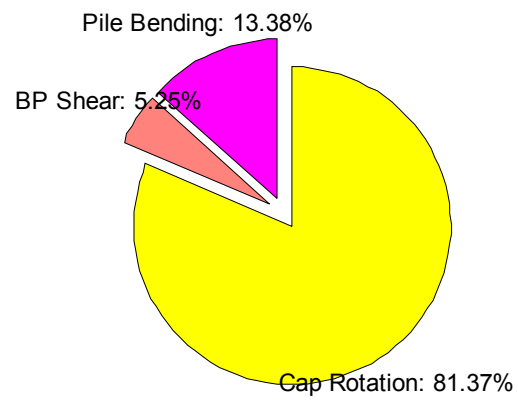


Figure 271

H-Pile/ BP V / Load 3/ 1.5in Top Displ.

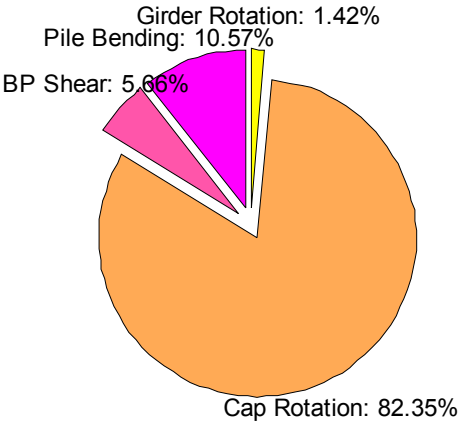


Figure 272

H-Pile/ BP V / Load 3/ -1.5in Top Displ.

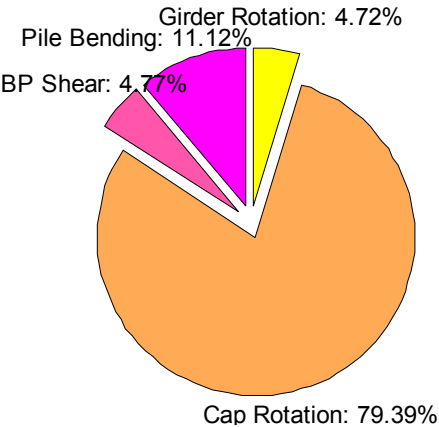


Figure 273

H-Pile/ BP V / Load 3/ 2.25in Top Displ.

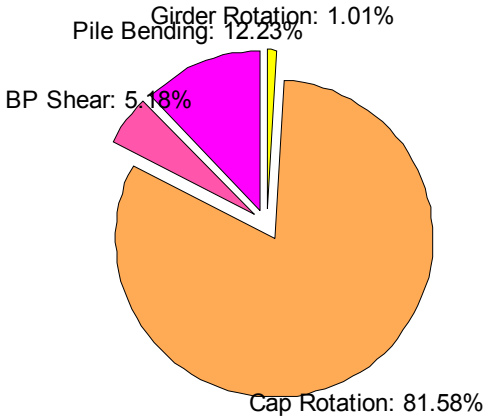


Figure 274

H-Pile/ BP V / Load 3/ -2.25in Top Displ.

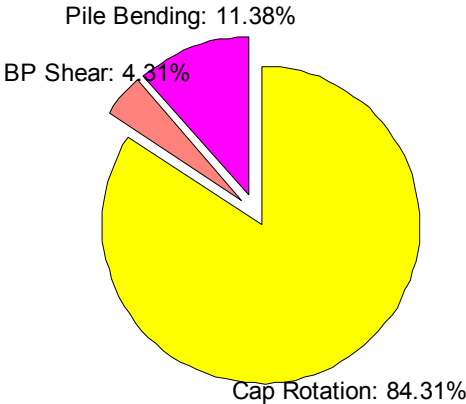


Figure 275

H-Pile/ BP V / Load 3/ 3in Top Displ.

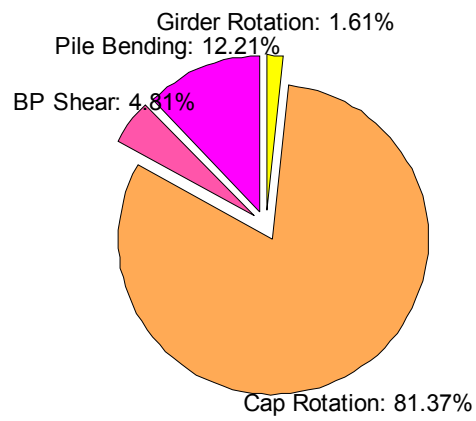


Figure 276

H-Pile/ BP V / Load 3/ -3in Top Displ.

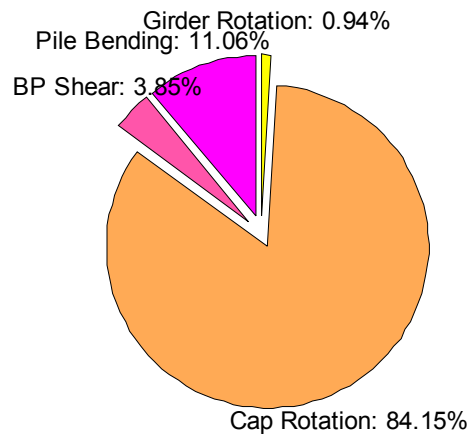


Figure 277

H-Pile/ BP VI / Load 1/ 0.75in Top Displ.

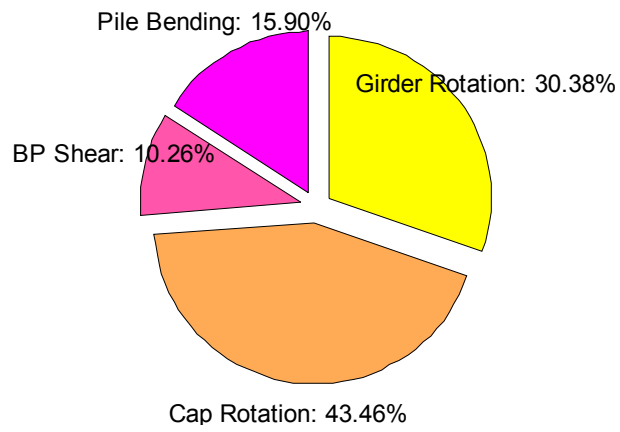


Figure 278

H-Pile/ BP VI / Load 1/ -0.75in Top Displ.

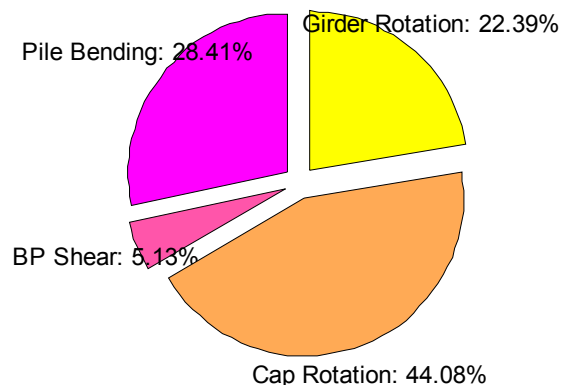


Figure 279

H-Pile/ BP VI / Load 1/ 1.5in Top Displ.

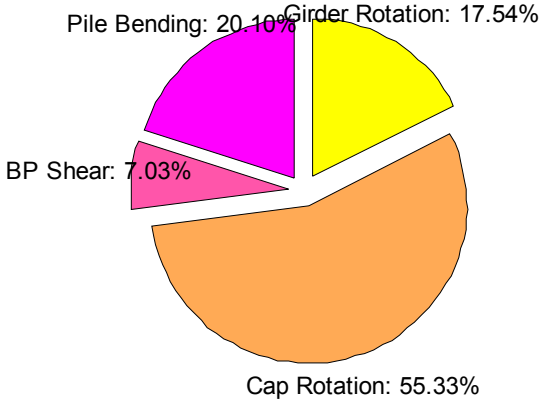


Figure 280

H-Pile/ BP VI / Load 1/ -1.5in Top Displ.

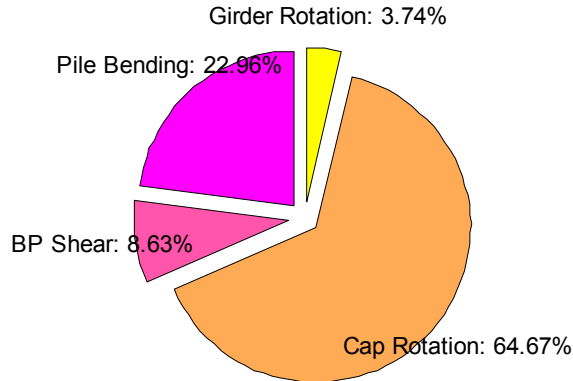


Figure 281

H-Pile/ BP VI / Load 1/ 3in Top Displ.

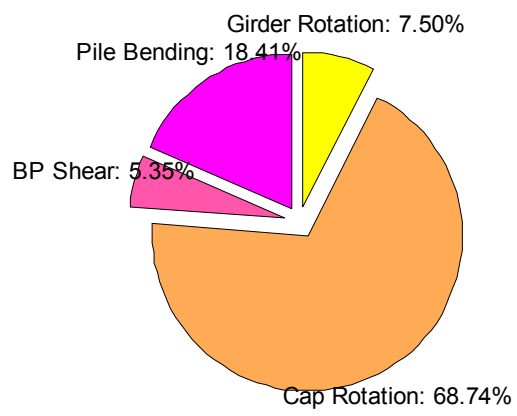


Figure 282

H-Pile/ BP VI / Load 1/ -3in Top Displ.

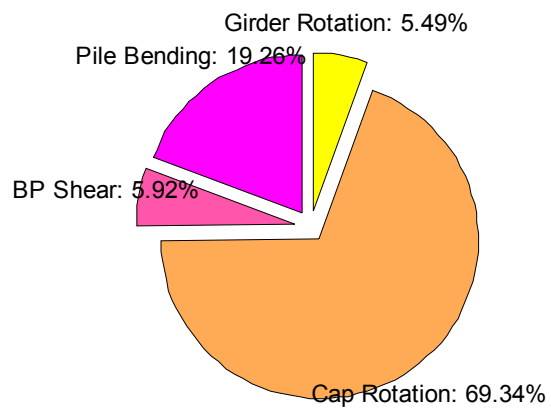


Figure 283

H-Pile/ BP VI / Load 2/ 0.75in Top Displ.

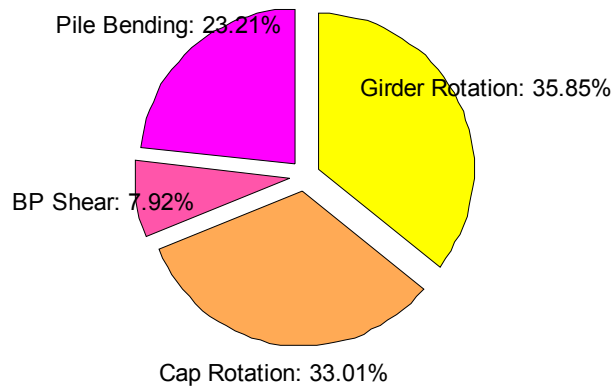


Figure 284

H-Pile/ BP VI / Load 2/ -0.75in Top Displ.

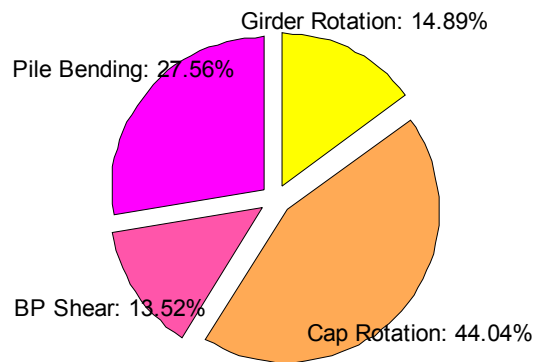


Figure 285

H-Pile/ BP VI / Load 2/ 1.5in Top Displ.

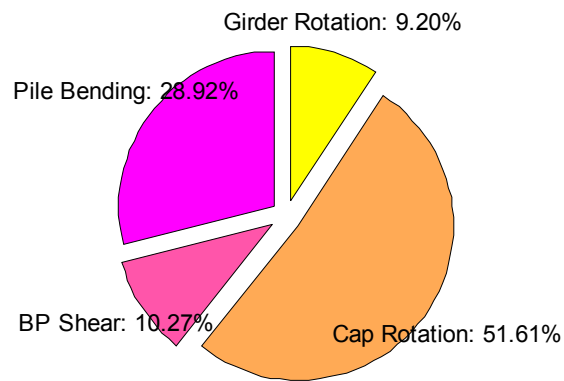


Figure 286

H-Pile/ BP VI / Load 2/ -1.5in Top Displ.

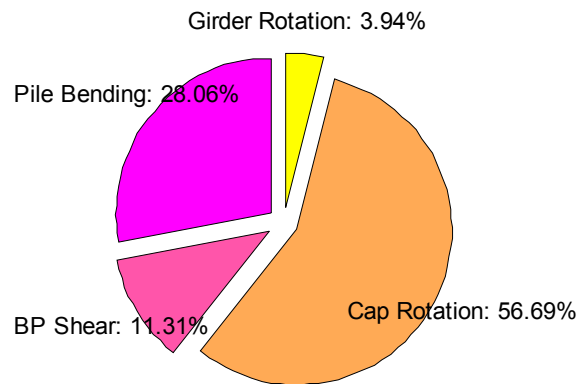


Figure 287

H-Pile/ BP VI / Load 2/ 2.25in Top Displ.

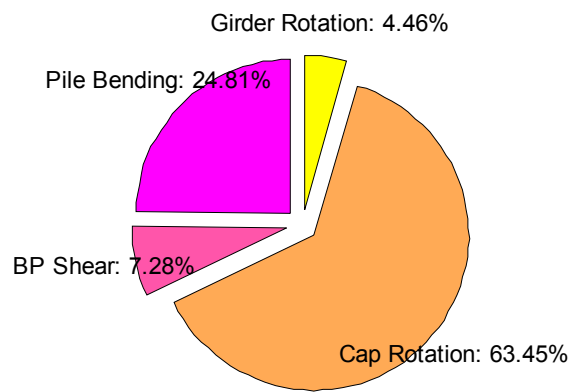


Figure 288

H-Pile/ BP VI / Load 2/ -2.25in Top Displ.

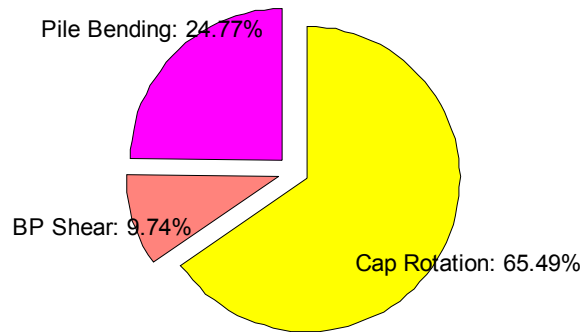


Figure 289

H-Pile/ BP VI / Load 2/ 3in Top Displ.

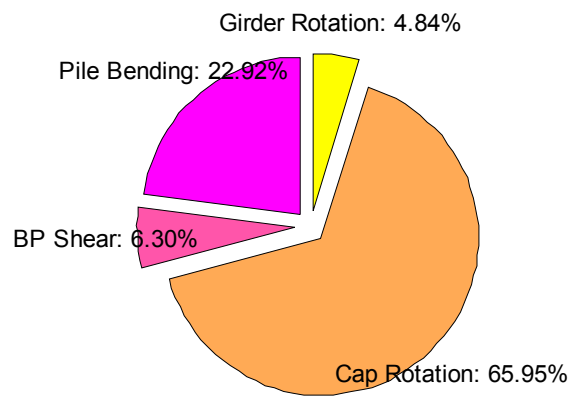


Figure 290

H-Pile/ BP VI / Load 2/ -3in Top Displ.

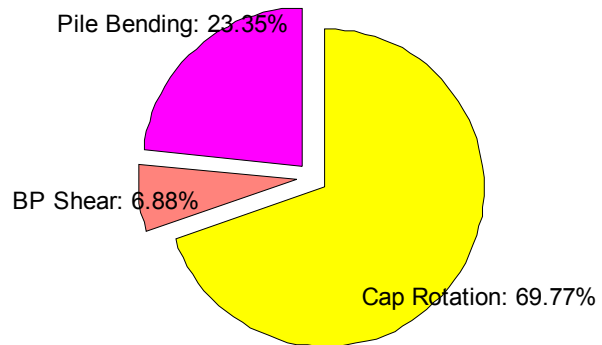


Figure 291