

| SHEET | REF. NO. | LOCATION | STATION | | SIDE | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 622 | 622 | | | | | | |
|--------------------------|----------|----------------------------------|-------------------------------|--|---------|---------------------------|----------------------------------|------------------------|--------------------------------|---------------------------------------|--|--------------------------------------|--------------------------------|------------------------------|-----------------------------------|------------------------------|---|------------------------------|----------------------------|-----|-----|---|---|---|-----|--|
| | | | INCREASED BARRIER DELINEATION | WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS (UNIDIRECTIONAL) | | BARRIER REFLECTOR, TYPE I | WORK ZONE RAISED PAVEMENT MARKER | OBJECT MARKER, ONE WAY | WORK ZONE CENTER LINE, CLASS I | WORK ZONE EDGE LINE, CLASS I, (WHITE) | WORK ZONE EDGE LINE, CLASS I, (YELLOW) | WORK ZONE CHANNELIZING LINE, CLASS I | WORK ZONE DOTTED LINE, CLASS I | WORK ZONE STOP LINE, CLASS I | WORK ZONE CROSSWALK LINE, CLASS I | WORK ZONE LANE LINE, CLASS I | WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I | PORTABLE BARRIER, UNANCHORED | PORTABLE BARRIER, ANCHORED | | | | | | | |
| | | | FROM | TO | | FT | EACH | EACH | EACH | EACH | MI | MI | MI | FT | FT | FT | FT | MI | FT | FT | FT | | | | | |
| PHASE 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P.25 | WEW-1 | MOT GILBERT AVE | 104+04 | 108+50 | RT. | | | | 6 | | | 0.08 | | | | | | | | | | | | | | |
| P.25 | WDL-1 | MOT GILBERT AVE | 104+04 | 108+50 | RT. | | | | | | | | | | 446 | | | | | | | | | | | |
| P.26 | WIA-1 | MOT GILBERT AVE | 108+94 | | RT. | | 1 | | | | | | | | | | | | | | | | | | | |
| P.26 | PB-1 | MOT GILBERT AVE/ GILBERT AVE | 108+94 | 11+64 | RT./LT. | 270 | | 20 | | 7 | | | | | | | | | | | | | | | 270 | |
| P.26 | WEW-2 | MOT GILBERT AVE | 108+50 | 213+50 | RT./LT. | | | | 7 | | | 0.09 | | | | | | | | | | | | | | |
| P.26 | WCL-1 | MOT GILBERT AVE/ GILBERT AVE | 109+04 | 11+09 | RT./LT. | | | | 3 | | | 0.04 | | | | | | | | | | | | | | |
| P.26 | WIA-2 | MOT GILBERT AVE | 108+96 | | LT. | | 1 | | | | | | | | | | | | | | | | | | | |
| P.26 | WSL-1 | GILBERT AVE | 11+09 | | LT. | | | | | | | | | | | 11 | | | | | | | | | | |
| P.26 | WCL-2 | GILBERT AVE/ MOT GILBERT AVE | 12+11 | 213+50 | LT. | | | | 2 | | | 0.03 | | | | | | | | | | | | | | |
| P.26 | WCW-1 | GILBERT AVE | 11+84 | | LT.RT. | | | | | | | | | | | | 151 | | | | | | | | | |
| P.26 | WCL-3 | GILBERT AVE/ MOT GILBERT AVE | 12+97 | 213+50 | LT. | | | | 3 | | | 0.01 | | | | | | | | | | | | | | |
| P.26 | PB-2 | E. COURT ST./ GILBERT AVE | 07+23 | 10+55 | RT. | 240 | | 15 | | 5 | | | | | | | | | | | | | | | 240 | |
| P.26 | WDL-2 | E. COURT ST. | 06+17 | 07+43 | RT. | | | | | | | | | | 126 | | | | | | | | | | | |
| P.26 | WEW-3 | E. COURT ST. | 06+50 | 07+43 | RT. | | | | 7 | | | 0.09 | | | | | | | | | | | | | | |
| P.26 | PB-18 | E. COURT ST. | 10+58 | 10+80 | RT. | | | | | | | | | | | | | | | | | | | | 140 | |
| P.27 | WCL-2 | MOT GILBERT AVE | 213+50 | 218+02 | LT./RT. | | | | 6 | | | 0.09 | | | | | | | | | | | | | | |
| P.27 | WCL-3 | MOT GILBERT AVE | 213+50 | 215+61 | LT. | | | | 3 | | | 0.04 | | | | | | | | | | | | | | |
| P.27 | WEW-2 | MOT GILBERT AVE | 213+50 | 215+03 | RT. | | | | 2 | | | 0.03 | | | | | | | | | | | | | | |
| P.27 | WDL-3 | MOT GILBERT AVE | 215+70 | 218+02 | LT. | | | | | | | | | | 232 | | | | | | | | | | | |
| P.27 | WEW-2A | GILBERT AVE | 11+23 | 12+78 | RT. | | | | 3 | | | 0.003 | | | | | | | | | | | | | | |
| P.28 | WEW-3A | MOT E. COURT ST | 94+23 | 95+34 | RT. | | | | 2 | | | 0.02 | | | | | | | | | | | | | | |
| P.28 | WDL-2 | MOT E. COURT ST | 94+23 | 95+34 | RT. | | | | | | | | | | 111 | | | | | | | | | | | |
| P.28 | WEW-3 | E. COURT ST | 06+06 | 06+50 | RT. | | | | 1 | | | 0.01 | | | | | | | | | | | | | | |
| P.28 | WIA-3 | E. COURT ST | 06+50 | | RT. | | 1 | | | | | | | | | | | | | | | | | | | |
| PHASE 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P.29 | WCH-10 | MOT I.R. 71 | 1136+80 | 1143+50 | RT. | | | | 17 | | | | | | 670 | | | | | | | | | | | |
| P.29 | WL-1 | MOT I.R. 71 | 1136+80 | 1145+50 | RT. | | | | 8 | | | | | | | | 0.16 | | | | | | | | | |
| P.29 | WL-2 | MOT I.R. 71 | 1136+80 | 1145+50 | RT. | | | | 8 | | | | | | | | 0.16 | | | | | | | | | |
| P.29 | WEW-10 | MOT I.R. 71 | 1142+50 | 1145+50 | RT. | | | | 3 | | | 0.06 | | | | | | | | | | | | | | |
| P.29 | WCH-13 | MOT I.R. 71 | 1142+50 | 1143+50 | RT. | | | | 3 | | | | | | 100 | | | | | | | | | | | |
| P.29 | WDL-10 | MOT I.R. 71 | 1143+50 | 1145+50 | RT. | | | | | | | | | | 200 | | | | | | | | | | | |
| P.30 | WEW-10 | MOT I.R. 71/ I.R. 71 | 1145+50 | 152+36 | RT. | | | | 6 | | | 0.13 | | | | | | | | | | | | | | |
| P.30 | WDL-10 | MOT I.R. 71/ I.R. 71 | 1145+50 | 152+36 | RT. | | | | | | | | | | 686 | | | | | | | | | | | |
| P.30 | WL-1 | I.R. 71/ MOT I.R. 71 | 1145+50 | 153+63 | RT. | | | | 7 | | | | | | | | 0.15 | | | | | | | | | |
| P.30 | WL-2 | I.R. 71/ MOT I.R. 71 | 1145+50 | 153+63 | RT. | | | | 7 | | | | | | | | 0.15 | | | | | | | | | |
| P.30 | WL-3 | I.R. 71/ MOT I.R. 71 | 1145+50 | 2156+00 | LT. | | | | 9 | | | | | | | | 0.20 | | | | | | | | | |
| P.30 | PBA-1 | MOT I.R. 471 (NB)/ I.R. 471 (NB) | 1347+50 | 352+63 | RT. | | | | | | | | | | | | | | | | | | | | 480 | |
| P.30 | PB-18 | VAN METER ST | 119+95 | 20+75 | LT. | | | | | | | | | | | | | | | | | | | | 80 | |
| P.30 | WIA-18 | VAN METER ST | 20+75 | | LT. | | 1 | | | | | | | | | | | | | | | | | | | |
| TOTALS THIS SHEET | | | | | | 510 | 4 | 35 | 113 | 12 | 0.21 | 0.52 | 0.00 | 770 | 1801 | 11 | 151 | 0.82 | 0 | 730 | 480 | 0 | 0 | 0 | 0 | |

MAINTENANCE OF TRAFFIC SUBSUMMARY

DESIGN AGENCY
ARCADIS
 222 SOUTH MAIN STREET SUITE 200
 ANN ARBOR MI 48106
 (313) 434-1985
 www.arcadis.com

DESIGNER
EJT

REVIEWER
TJR 10/02/24

PROJECT ID
102790

SHEET TOTAL
P.13 | 160

| SHEET | REF. NO. | LOCATION | STATION | | SIDE | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 622 | 622 | | | | | | |
|--------------------------|----------|--------------------------------|-------------------------------|--|---------|---------------------------|----------------------------------|------------------------|--------------------------------|---------------------------------------|--|--------------------------------------|--------------------------------|------------------------------|-----------------------------------|------------------------------|---|------------------------------|----------------------------|-------------|------------|----------|----------|----------|----------|--|
| | | | INCREASED BARRIER DELINEATION | WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS (UNIDIRECTIONAL) | | BARRIER REFLECTOR, TYPE I | WORK ZONE RAISED PAVEMENT MARKER | OBJECT MARKER, ONE WAY | WORK ZONE CENTER LINE, CLASS I | WORK ZONE EDGE LINE, CLASS I, (WHITE) | WORK ZONE EDGE LINE, CLASS I, (YELLOW) | WORK ZONE CHANNELIZING LINE, CLASS I | WORK ZONE DOTTED LINE, CLASS I | WORK ZONE STOP LINE, CLASS I | WORK ZONE CROSSWALK LINE, CLASS I | WORK ZONE LANE LINE, CLASS I | WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I | PORTABLE BARRIER, UNANCHORED | PORTABLE BARRIER, ANCHORED | | | | | | | |
| | | | FROM | TO | | FT | EACH | EACH | EACH | EACH | MI | MI | MI | FT | FT | FT | FT | MI | FT | FT | | | | | | |
| P.30 | WL-4 | I.R. 71/MOT I.R. 71 | 1145+50 | 2156+00 | LT. | | | | 9 | | | | | | | | | 0.20 | | | | | | | | |
| P.30 | WCH-16 | MOT I.R.471 (SB) | 1245+50 | 2256+00 | LT. | | | | 14 | | | | | 1064 | | | | | | | | | | | | |
| P.30 | WIA-10 | MOT I.R. 71 | 1147+93 | | RT. | | | | | | | | | | | | | | | | | | | | | |
| P.30 | PB-10 | MOT I.R. 71/I.R. 71 | 1147+93 | 152+36 | RT. | | | 1 | | | | | | | | | | | | | | | | | | |
| P.30 | WEY-10 | MOT I.R.471 (SB) | 1247+80 | 2255+52 | RT. | | | | 7 | | | | | 0.15 | | | | | | | | | | | | |
| PHASE 2 (CONTINUED) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P.30 | WEW-11 | MOT I.R. 71 | 1148+55 | 2156+00 | LT. | | | | 7 | | | | | | | | | | | | | | | | | |
| P.30 | WEW-12 | MOT I.R.471 (SB) | 1247+80 | 2255+52 | LT. | | | | 7 | | | | | | | | | | | | | | | | | |
| P.30 | PBA-11 | MOT I.R.471 (SB) | 1249+35 | 252+67 | LT./RT. | 50 | | 6 | | 2 | | | | | | | | | | | | | | | | |
| P.30 | PB-12 | I.R. 71 | 1150+20 | 153+36 | LT. | 100 | | 9 | | 3 | | | | | | | | | | | | | | | | |
| P.30 | WIA-11 | I.R.471 (SB) | 252+67 | | RT. | | | 1 | | | | | | | | | | | | | | | | | | |
| P.30 | WIA-12 | I.R. 71 | 153+36 | | LT. | | | 1 | | | | | | | | | | | | | | | | | | |
| P.30 | WEW-13 | MOT I.R.471 (NB) | 1347+50 | 2355+90 | RT. | | | | 8 | | | | | 0.16 | | | | | | | | | | | | |
| P.30 | WCH-17 | MOT I.R.471 (NB) | 1347+50 | 2355+90 | RT. | | | | 11 | | | | | | | | | | | | | | | | | |
| P.30 | WIA-13 | MOT I.R.471 (NB) | 1349+02 | | LT. | | | | | | | | | | | | | | | | | | | | | |
| P.30 | PB-13 | MOT I.R.471 (NB)/I.R. 471 (NB) | 1349+02 | 352+63 | RT. | 50 | | 3 | | 1 | | | | | | | | | | | | | | | | |
| P.30 | WEW-14 | MOT VAN METER ST. | 17+65 | 24+18 | LT. | | | | 9 | | | | | 0.13 | | | | | | | | | | | | |
| P.30 | WCL-10 | MOT VAN METER ST. | 17+65 | 24+18 | LT./RT. | | | | 9 | | | | | 0.12 | | | | | | | | | | | | |
| P.31 | WEW-12 | MOT I.R.471 (SB) | 2255+52 | 2259+59 | LT. | | | | | | | | | 0.08 | | | | | | | | | | | | |
| P.31 | WCH-16 | MOT I.R.471 (SB) | 2255+52 | 2259+59 | LT. | | | | 11 | | | | | | | | | | | | | | | | | |
| P.31 | WEY-10 | MOT I.R.471 (SB) | 2255+52 | 2259+59 | LT. | | | | 4 | | | | | 0.08 | | | | | | | | | | | | |
| P.31 | WL-4 | MOT I.R. 71 | 2156+00 | 2160+37 | LT. | | | | 4 | | | | | | | | | | | | | | | | | |
| P.31 | WL-3 | MOT I.R. 71 | 2156+00 | 2160+37 | LT. | | | | 4 | | | | | | | | | | | | | | | | | |
| P.31 | WEY-11 | MOT I.R. 471 (NB) | 2355+90 | 2358+27 | RT. | | | | | | | | | 0.04 | | | | | | | | | | | | |
| P.31 | WCH-17 | MOT I.R. 471 (NB) | 2355+90 | 2357+27 | RT. | | | | 4 | | | | | | | | | | | | | | | | | |
| P.31 | WEW-13 | MOT I.R. 471 (NB) | 2355+90 | 2356+77 | RT. | | | | 1 | | | | | 0.02 | | | | | | | | | | | | |
| P.31 | WEW-15 | MOT I.R. 471 (NB) | 2357+27 | 2364+13 | RT. | | | | 6 | | | | | 0.13 | | | | | | | | | | | | |
| P.31 | WCH-18 | MOT I.R. 471 (NB) | 2358+27 | 2363+13 | RT. | | | | 13 | | | | | | | | | | | | | | | | | |
| P.31 | WEW-11 | MOT I.R. 71 | 2156+00 | 2160+37 | LT. | | | | 4 | | | | | 0.09 | | | | | | | | | | | | |
| P.31 | WL-1 | MOT I.R. 71 | 2156+00 | 2156+63 | RT. | | | | 3 | | | | | | | | | | | | | | | | | |
| P.31 | WL-2 | MOT I.R. 71 | 2156+00 | 2156+63 | RT. | | | | 3 | | | | | | | | | | | | | | | | | |
| P.32 | WEY-11 | MOT I.R. 471 (NB) | 1338+76 | 1347+50 | RT. | | | | 8 | | | | | 0.17 | | | | | | | | | | | | |
| P.32 | WCH-17 | MOT I.R. 471 (NB) | 1338+76 | 1347+50 | RT. | | | | 11 | | | | | | | | | | | | | | | | | |
| P.32 | WEW-13 | MOT I.R. 471 (NB) | 1338+76 | 1347+50 | RT. | | | | 8 | | | | | 0.17 | | | | | | | | | | | | |
| P.32 | WCL-10 | MOT VAN METER ST. | 117+25 | 117+60 | LT. | | | | 3 | | | | | 0.01 | | | | | | | | | | | | |
| P.32 | WEW-14 | MOT VAN METER ST. | 117+25 | 117+60 | LT. | | | | 3 | | | | | 0.01 | | | | | | | | | | | | |
| P.32 | WCH-16 | MOT I.R. 471 (SB) | 1244+74 | 1245+50 | LT. | | | | 3 | | | | | | | | | | | | | | | | | |
| P.32 | PBA-1 | MOT I.R. 471 (NB) | 1345+05 | 1347+50 | RT. | | | | | | | | | | | | | | | | | | | | | |
| TOTALS THIS SHEET | | | | | | 200 | 4 | 18 | 176 | 6 | 0.13 | 1.26 | 0.27 | 3884 | 0 | 0 | 0 | 0.42 | 0 | 1120 | 590 | 0 | 0 | 0 | 0 | |

MAINTENANCE OF TRAFFIC SUBSUMMARY

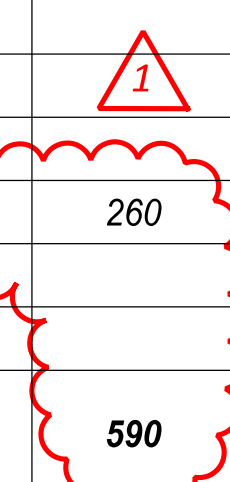
DESIGN AGENCY
ARCADIS
 222 SOUTH MAIN STREET SUITE 200
 ANN ARBOR MI 48106
 (313) 434-1955
 www.arcadis.com

DESIGNER
EJT

REVIEWER
TJR 10/02/24

PROJECT ID
102790

SHEET TOTAL
 P.14 | 160



| SHEET | REF. NO. | LOCATION | STATION | | SIDE | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 614 | 622 | 622 | | | | | | |
|--|----------|-------------------|-------------------------------|--|------|---------------------------|----------------------------------|------------------------|--------------------------------|---------------------------------------|--|--------------------------------------|--------------------------------|------------------------------|-----------------------------------|------------------------------|---|------------------------------|----------------------------|------|------|---|---|---|---|---|
| | | | INCREASED BARRIER DELINEATION | WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS (UNIDIRECTIONAL) | | BARRIER REFLECTOR, TYPE I | WORK ZONE RAISED PAVEMENT MARKER | OBJECT MARKER, ONE WAY | WORK ZONE CENTER LINE, CLASS I | WORK ZONE EDGE LINE, CLASS I, (WHITE) | WORK ZONE EDGE LINE, CLASS I, (YELLOW) | WORK ZONE CHANNELIZING LINE, CLASS I | WORK ZONE DOTTED LINE, CLASS I | WORK ZONE STOP LINE, CLASS I | WORK ZONE CROSSWALK LINE, CLASS I | WORK ZONE LANE LINE, CLASS I | WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I | PORTABLE BARRIER, UNANCHORED | PORTABLE BARRIER, ANCHORED | | | | | | | |
| PHASE 3 | | | | | | FT | EACH | EACH | EACH | EACH | MI | MI | MI | FT | FT | FT | FT | MI | FT | FT | | | | | | |
| P.35 | WEY-12 | MOT I.R. 71 | 2156+00 | 2159+76 | RT. | | | | 4 | | | | | | | | | | | | | | | | | |
| P.35 | WEW-18 | MOT I.R. 71 | 2156+00 | 2158+36 | RT. | | | | 3 | | | 0.05 | | | | | | | | | | | | | | |
| P.35 | WCH-19 | MOT I.R. 71 | 2156+00 | 2168+76 | RT. | | | | 16 | | | | | 1276 | | | | | | | | | | | | |
| P.35 | WCH-20 | MOT I.R. 71 | 2156+00 | 2168+76 | RT. | | | | 16 | | | | | 1276 | | | | | | | | | | | | |
| P.35 | WEY-13 | MOT I.R. 71 | 2156+00 | 2163+90 | LT. | | | | 7 | | | | 0.15 | | | | | | | | | | | | | |
| P.35 | WEW-19 | MOT I.R. 71 | 2156+00 | 2166+00 | LT. | | | | 9 | | | 0.19 | | | | | | | | | | | | | | |
| P.35 | WCH-22 | MOT I.R. 71 | 2156+00 | 2169+26 | LT. | | | | 17 | | | | | 1326 | | | | | | | | | | | | |
| P.35 | WCH-23 | MOT I.R. 71 | 2156+00 | 2169+26 | LT. | | | | 17 | | | | | 1326 | | | | | | | | | | | | |
| P.35 | WEW-20 | MOT I.R. 471 (SB) | 2255+52 | 2258+32 | LT. | | | | 3 | | | 0.06 | | | | | | | | | | | | | | |
| P.35 | WCH-24 | MOT I.R. 471 (SB) | 2255+52 | 2258+32 | LT. | | | | 7 | | | | | 280 | | | | | | | | | | | | |
| P.35 | WEY-15 | MOT I.R. 471 (SB) | 2255+52 | 2257+59 | RT. | | | | 2 | | | 0.04 | | | | | | | | | | | | | | |
| P.35 | WCH-26 | MOT I.R. 71 | 2158+36 | 2159+68 | RT. | | | | 4 | | | | | 132 | | | | | | | | | | | | |
| P.36 | WEW-21 | MOT I.R. 471 (NB) | 1341+98 | 1347+19 | LT. | | | | 5 | | | 0.10 | | | | | | | | | | | | | | |
| P.36 | WEY-16 | MOT I.R. 471 (NB) | 1341+98 | 1347+19 | LT. | | | | 5 | | | | 0.10 | | | | | | | | | | | | | |
| P.36 | WCH-25 | MOT I.R. 471 (NB) | 1338+98 | 1347+19 | LT. | | | | 11 | | | | | 821 | | | | | | | | | | | | |
| TOTALS FROM SHEET P.13 | | | | | | 510 | 4 | 35 | 113 | 12 | 0.21 | 0.52 | 0.00 | 770 | 1801 | 11 | 151 | 0.82 | 0 | 730 | 480 | 0 | 0 | 0 | 0 | 0 |
| TOTALS FROM SHEET P.14 | | | | | | 200 | 4 | 18 | 176 | 6 | 0.13 | 1.26 | 0.27 | 3884 | 0 | 0 | 0 | 0.42 | 0 | 1120 | 590 | 0 | 0 | 0 | 0 | 0 |
| TOTALS FROM SHEET P.15 | | | | | | 410 | 4 | 33 | 219 | 11 | 0.00 | 1.13 | 0.99 | 9868 | 934 | 0 | 0 | 0.14 | 66 | 1423 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS THIS SHEET | | | | | | 0 | 0 | 0 | 126 | 0 | 0.00 | 0.40 | 0.37 | 6437 | 0 | 0 | 0 | 0.00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTALS CARRIED TO GENERAL SUMMARY | | | | | | 1120 | 12 | 86 | 634 | 29 | 0.34 | 3.31 | 1.63 | 20959 | 2735 | 11 | 151 | 1.38 | 66 | 3273 | 1070 | 0 | 0 | 0 | 0 | 0 |

MAINTENANCE OF TRAFFIC SUBSUMMARY

DESIGN AGENCY
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 www.arcadis.com

DESIGNER
EJT

REVIEWER
TJR 10/02/24

PROJECT ID
102790

SHEET TOTAL
 P.16 | 160

NOTES:

FOR LEGEND, SEE SHEET P.25

WIA* - SHALL BE GATING IMPACT ATTENUATOR

I-471 SB WORK ZONE ACCESS

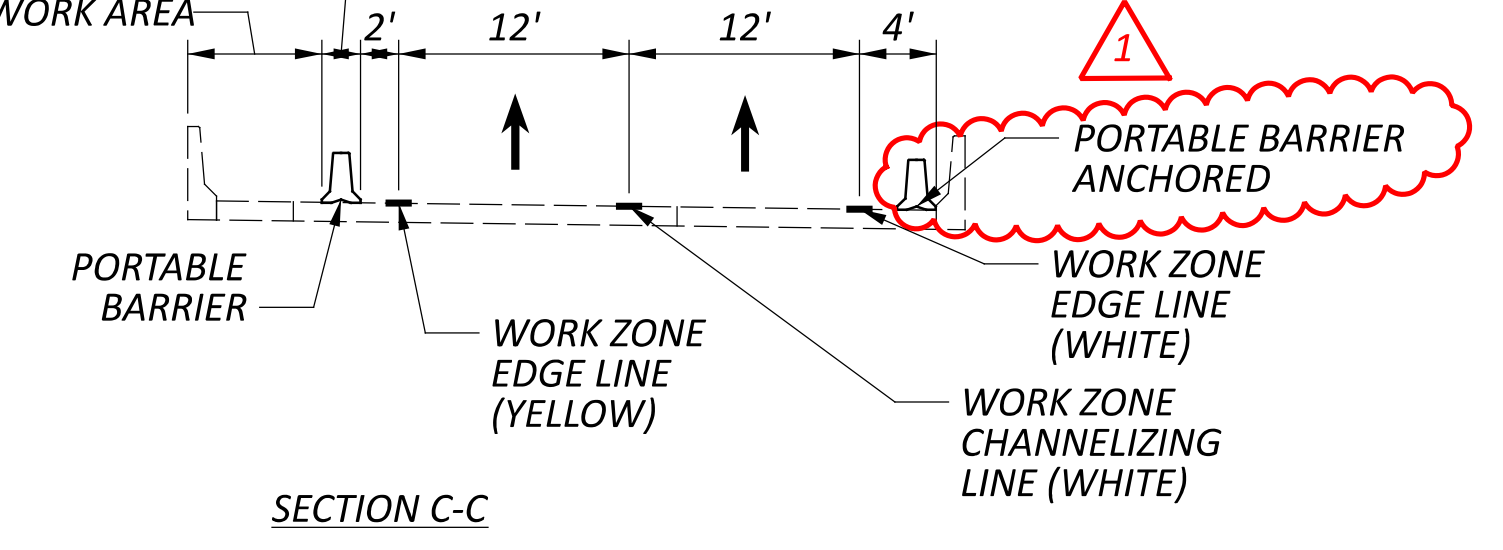
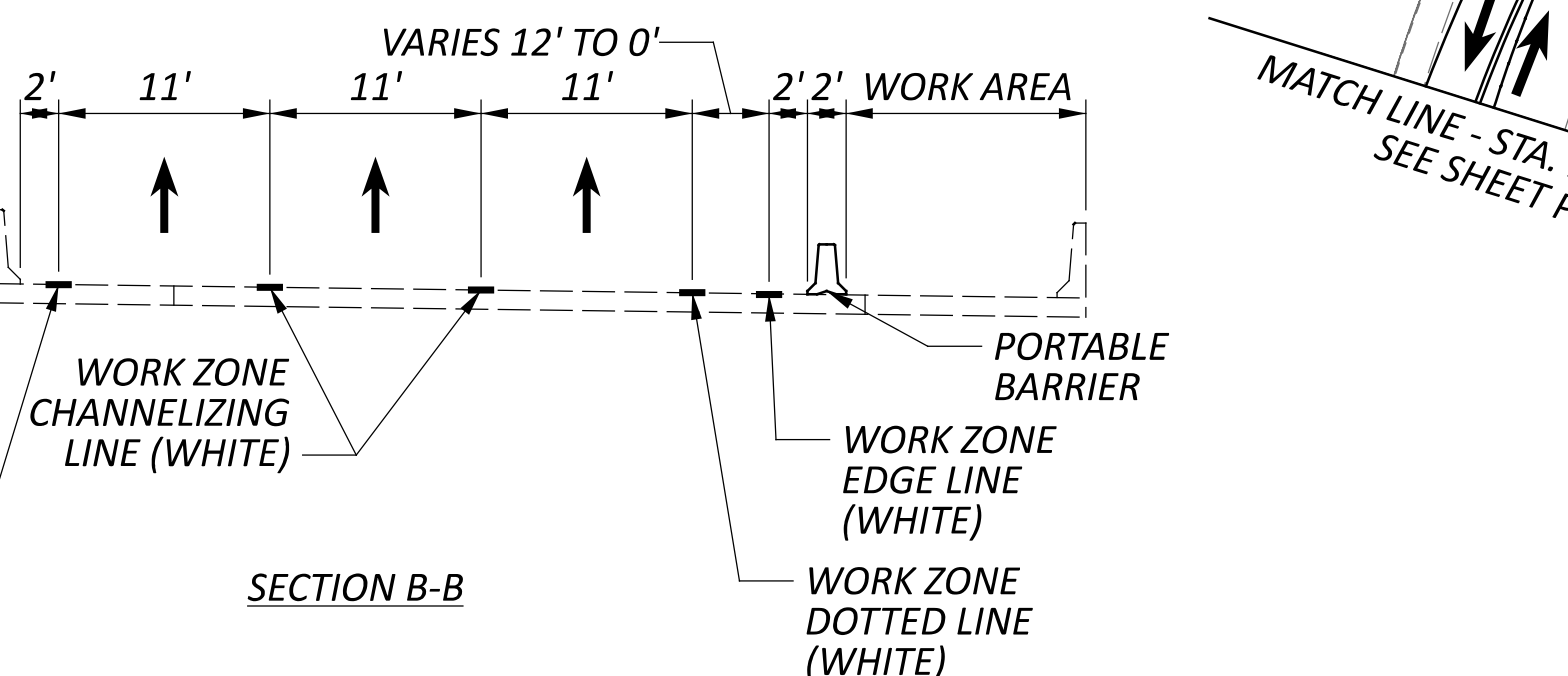
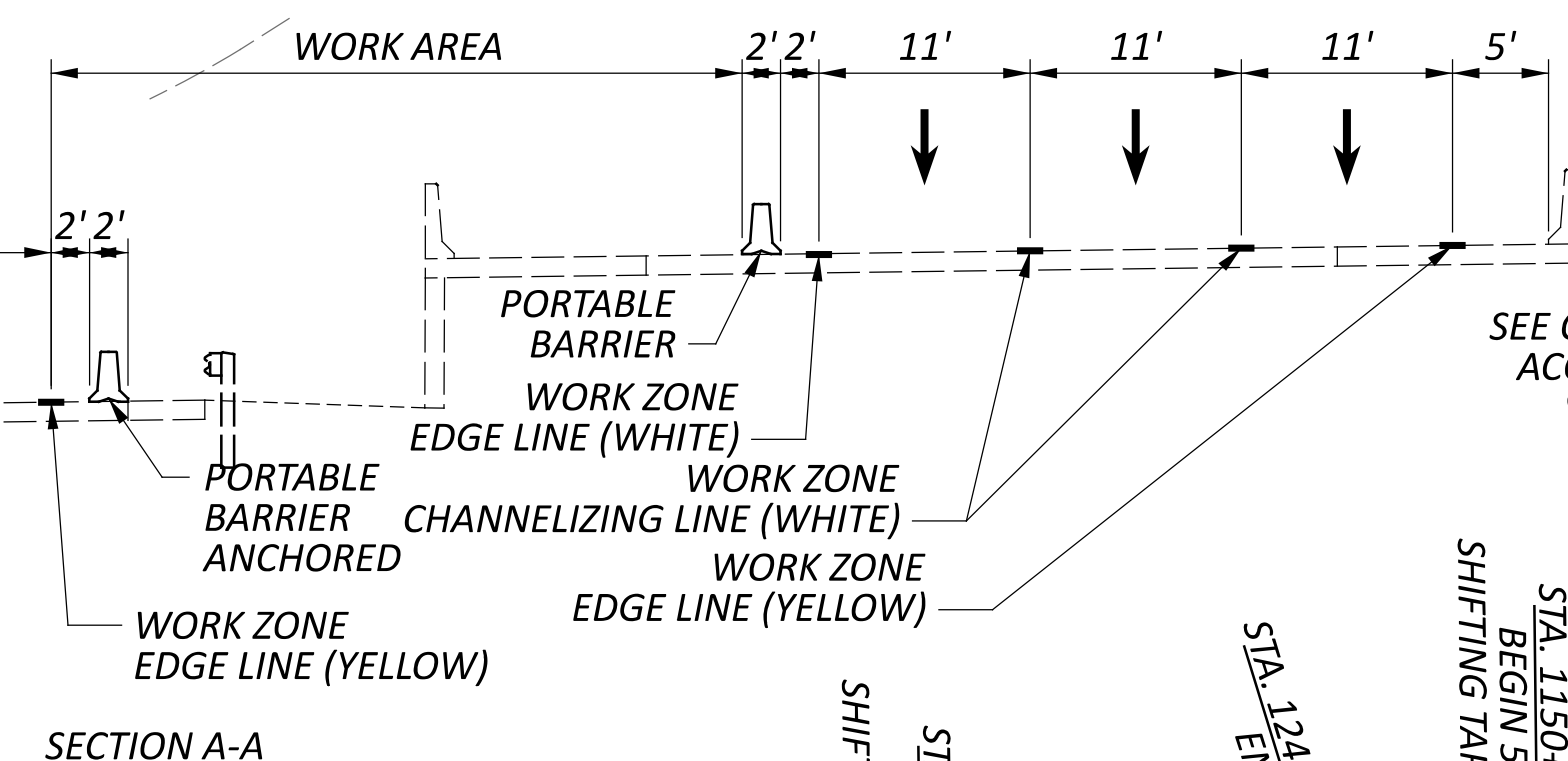
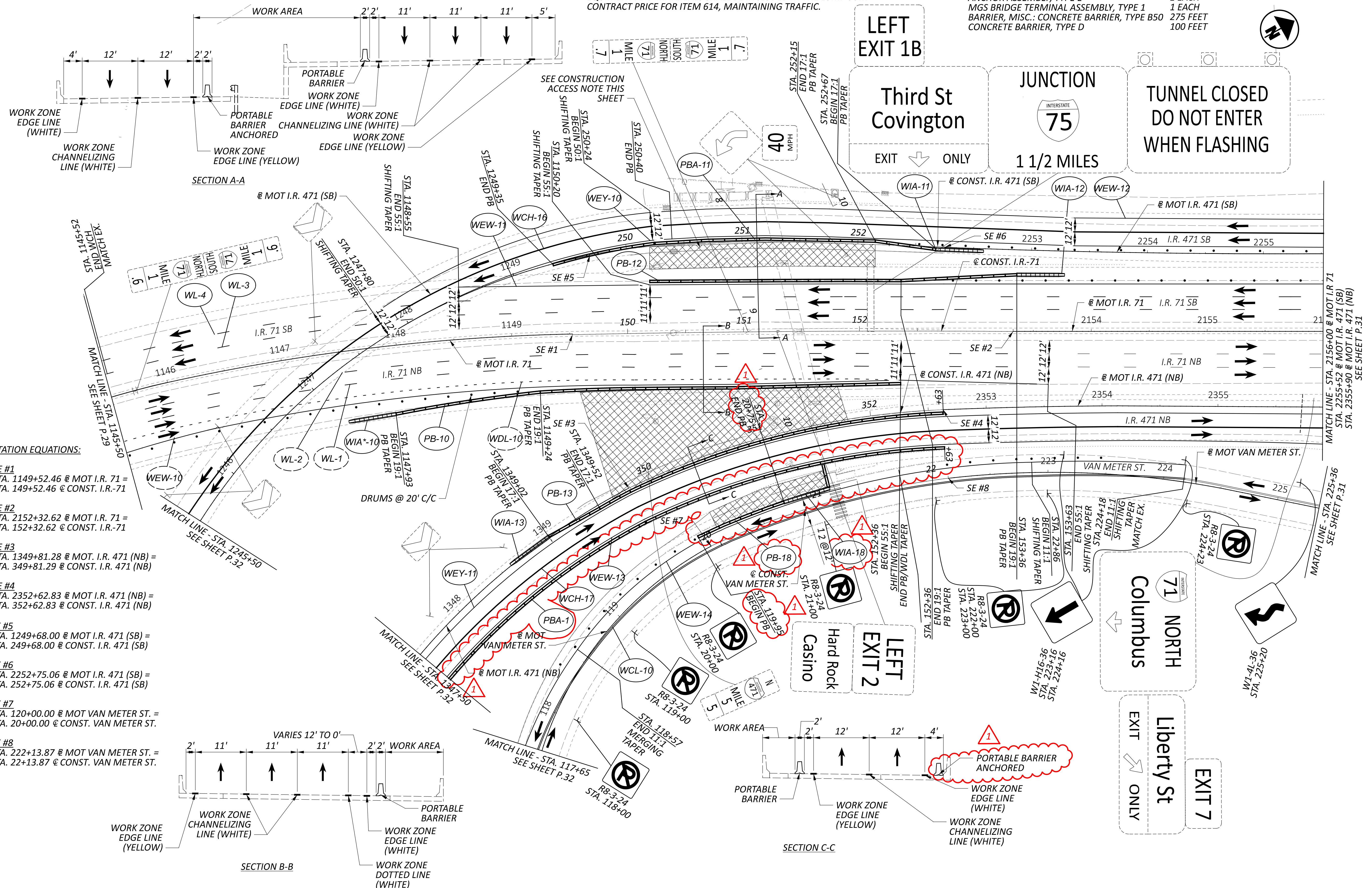
ACCESS TO THE WORK ZONE ON THE INSIDE SHOULDER OF I-471 SOUTHBOUND SHALL BE MADE FROM THE I-471 NORTHBOUND CONSTRUCTION ACCESS POINT (BETWEEN STA. 1341+67 TO STA. 1348+50). CONSTRUCTION VEHICLES SHALL TRAVERSE BELOW THE I-71 BRIDGE TO REACH THE OTHER SIDE OF I-71. TO ACCESS THE I-471 SOUTHBOUND WORK ZONE DIRECTLY FROM I-471 SOUTHBOUND, THE CONTRACTOR SHALL UTILIZE OVERNIGHT INSIDE LANE CLOSURES AS PER MT-95.32.

REPLACEMENT OF PERMANENT CONCRETE BARRIER AND GUARDRAIL

IN ORDER TO COMPLETE CONSTRUCTION AND PERFORM NECESSARY MAINTENANCE OF TRAFFIC OPERATIONS, THE CONTRACTOR SHALL REMOVE EXISTING CONCRETE BARRIER AND GUARDRAIL. WHEN REMOVED, THESE AREAS THAT SHALL BE PROTECTED THROUGHOUT CONSTRUCTION WITH PORTABLE BARRIER. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC.

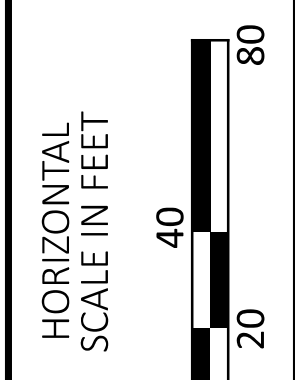
THE FOLLOWING QUANTITIES HAVE BEEN INCLUDED IN THE PLAN FOR INFORMATION ONLY:

- GUARDRAIL REMOVED 87.5 FEET
- ANCHOR ASSEMBLY REMOVED 1 EACH
- MGS BRIDGE TERMINAL ASSEMBLY REMOVED 1 EACH
- CONCRETE BARRIER REMOVED 375 FEET
- MGS GR 87.5 FEET
- ANCHOR ASSEMBLY, TYPE E 1 EACH
- MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1 1 EACH
- BARRIER, MISC.: CONCRETE BARRIER, TYPE B50 275 FEET
- CONCRETE BARRIER, TYPE D 100 FEET



STATION EQUATIONS:

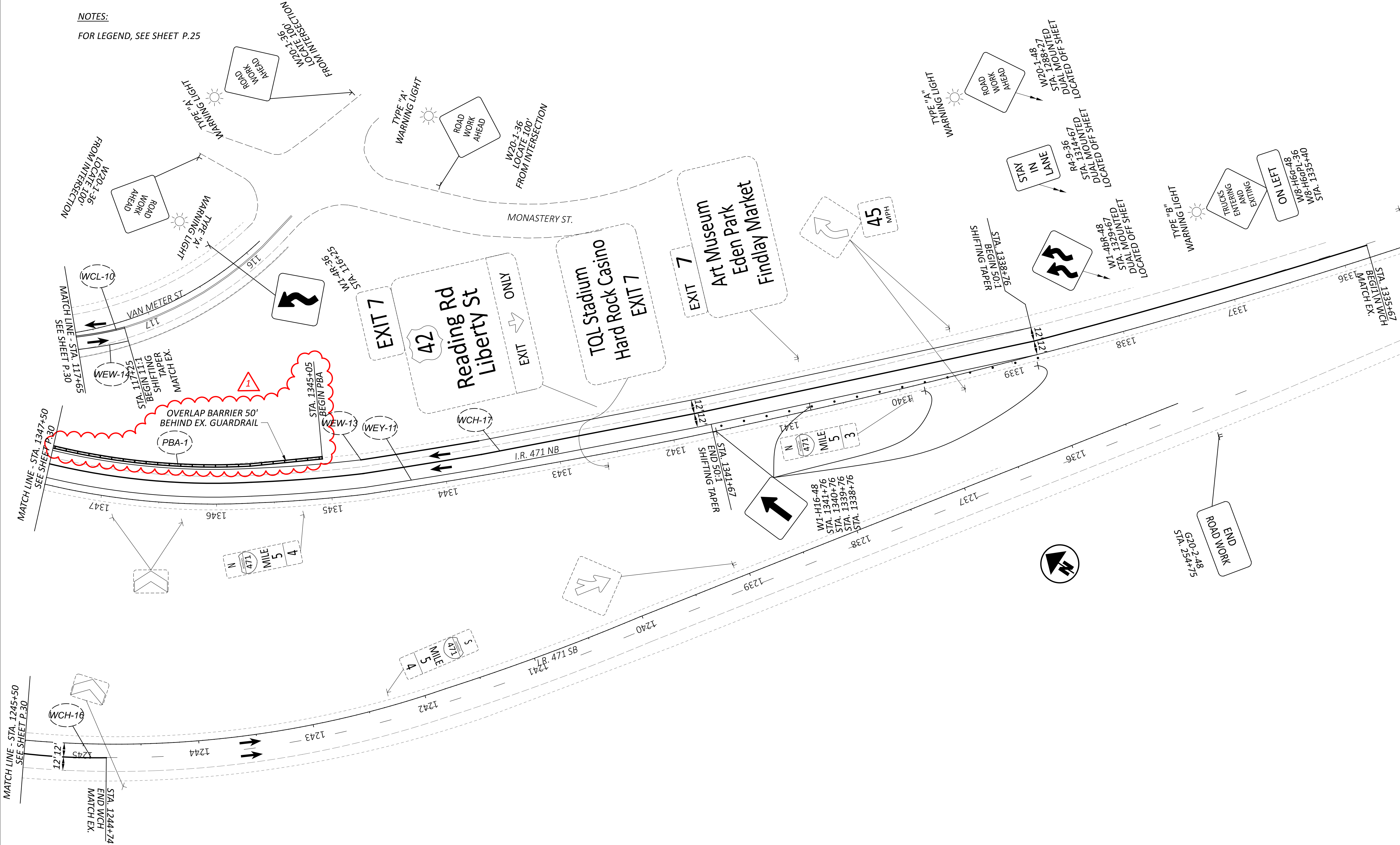
- SE #1
STA. 1149+52.46 @ MOT I.R. 71 =
STA. 149+52.46 @ CONST. I.R.-71
- SE #2
STA. 2152+32.62 @ MOT I.R. 71 =
STA. 152+32.62 @ CONST. I.R.-71
- SE #3
STA. 1349+81.28 @ MOT. I.R. 471 (NB) =
STA. 349+81.29 @ CONST. I.R. 471 (NB)
- SE #4
STA. 2352+62.83 @ MOT I.R. 471 (NB) =
STA. 352+62.83 @ CONST. I.R. 471 (NB)
- SE #5
STA. 1249+68.00 @ MOT I.R. 471 (SB) =
STA. 249+68.00 @ CONST. I.R. 471 (SB)
- SE #6
STA. 2252+75.06 @ MOT I.R. 471 (SB) =
STA. 252+75.06 @ CONST. I.R. 471 (SB)
- SE #7
STA. 1200+00.00 @ MOT VAN METER ST. =
STA. 20+00.00 @ CONST. VAN METER ST.
- SE #8
STA. 222+13.87 @ MOT VAN METER ST. =
STA. 22+13.87 @ CONST. VAN METER ST.



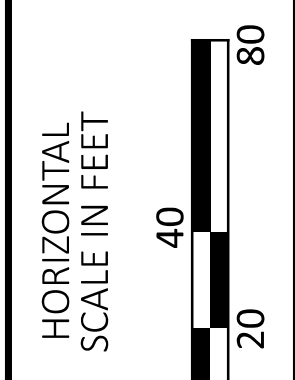
MAINTENANCE OF TRAFFIC PLAN
PHASE 2 - BRIDGE STAGES 2-4

| | |
|---|-------|
| DESIGN AGENCY | |
| ARCADIS 222 SOUTH MAIN STREET SUITE 200 ANN ARBOR MI 48106 313.434.1985 www.arcadis.com | |
| DESIGNER | |
| EJT | |
| REVIEWER | |
| TJR 10/02/24 | |
| PROJECT ID | |
| 102790 | |
| SHEET | TOTAL |
| P.30 | 160 |

NOTES:
FOR LEGEND, SEE SHEET P.25



MAINTENANCE OF TRAFFIC PLAN
PHASE 2 - BRIDGE STAGES 2-4



| | |
|---|-------|
| DESIGN AGENCY | |
| 222 SOUTH MAIN STREET SUITE 200 ARIZONA, AZ 85724 (602) 434-1985 www.arcadis.com | |
| DESIGNER | |
| EJT | |
| REVIEWER | |
| TJR 10/02/24 | |
| PROJECT ID | |
| 102790 | |
| SHEET | TOTAL |
| P.32 | 160 |

| SHEET NUM. | | | | | | | | | | PART. | | ITEM | ITEM EXT | GRAND TOTAL | UNIT | DESCRIPTION | SEE SHEET NO. |
|--|------|-------|--------|-------|--|--|--|--|--|-----------|-----------|---------|----------|-------------|-------|--|---------------|
| P.10 | P.11 | P.12 | P.16 | P.68 | | | | | | 01/IMS/10 | 02/S>2/40 | | | | | | |
| STRUCTURE OVER 20 FOOT SPAN (HAM-71-0180) (CONT.) | | | | | | | | | | | | | | | | | |
| | | | | 14 | | | | | | 14 | | 516 | 10000 | 14 | FT | PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL | |
| | | | | 38 | | | | | | 38 | | 516 | 11211 | 38 | FT | STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN | P.119 |
| | | | | 369 | | | | | | 369 | | 516 | 13200 | 369 | SF | 1/2" PREFORMED EXPANSION JOINT FILLER | |
| | | | | 183 | | | | | | 183 | | 516 | 13600 | 183 | SF | 1" PREFORMED EXPANSION JOINT FILLER | |
| | | | | 128 | | | | | | 128 | | 516 | 13900 | 128 | SF | 2" PREFORMED EXPANSION JOINT FILLER | |
| | | | | 14 | | | | | | 14 | | 516 | 31010 | 14 | FT | 2" DEEP JOINT SEALER | |
| | | | | 35 | | | | | | 35 | | 517 | 76300 | 35 | FT | RAILING, MISC.: ALUMINUM RAILING WITH CONCRETE PARAPET | P.88 |
| | | | | 2,256 | | | | | | 2,256 | | 517 | 76300 | 2,256 | FT | RAILING, MISC.: PEDESTRIAN RAILING | P.113 |
| | | | | 4 | | | | | | 4 | | 518 | 12500 | 4 | EACH | SCUPPER, MISC.: RAMP SCUPPER | P.121 |
| | | | | 51 | | | | | | 51 | | 518 | 21200 | 51 | CY | POROUS BACKFILL WITH GEOTEXTILE FABRIC | |
| | | | | 175 | | | | | | 175 | | 518 | 43301 | 175 | FT | 6" PIPE DOWNSPOUT, INCLUDING SPECIALS, AS PER PLAN | P.120 |
| | | | | 2 | | | | | | 2 | | 524 | 95100 | 2 | EACH | DRILLED SHAFTS, MISC.: CSL TESTING, 48" DIA. SHAFT | P.65 |
| | | | | 2 | | | | | | 2 | | 524 | 95100 | 2 | EACH | DRILLED SHAFTS, MISC.: CSL TESTING, 54" DIA. SHAFT | P.65 |
| | | | | 2 | | | | | | 2 | | 524 | 95100 | 2 | EACH | DRILLED SHAFTS, MISC.: CSL TESTING, 60" DIA. SHAFT | P.65 |
| | | | | 22 | | | | | | 22 | | 524 | 95444 | 22 | FT | DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK WITH QC/QA | |
| | | | | 136 | | | | | | 136 | | 524 | 95452 | 136 | FT | DRILLED SHAFTS, 48" DIAMETER, ABOVE BEDROCK WITH QC/QA | |
| | | | | 36 | | | | | | 36 | | 524 | 95454 | 36 | FT | DRILLED SHAFTS, 48" DIAMETER, INTO BEDROCK WITH QC/QA | |
| | | | | 75 | | | | | | 75 | | 524 | 95462 | 75 | FT | DRILLED SHAFTS, 54" DIAMETER, ABOVE BEDROCK WITH QC/QA | |
| | | | | 77 | | | | | | 77 | | 524 | 95464 | 77 | FT | DRILLED SHAFTS, 54" DIAMETER, INTO BEDROCK WITH QC/QA | |
| | | | | 364 | | | | | | 364 | | 524 | 95472 | 364 | FT | DRILLED SHAFTS, 60" DIAMETER, ABOVE BEDROCK WITH QC/QA | |
| | | | | LS | | | | | | LS | | SPECIAL | 53000200 | LS | | STRUCTURES MISC.: PREFABRICATED BRIDGE | P.66 |
| | | | | 298 | | | | | | 298 | | SPECIAL | 60740000 | 298 | FT | VANDAL PROTECTION FENCE (8'-0" TALL) | P.66 |
| | | | | 701 | | | | | | 701 | | SPECIAL | 60740000 | 701 | FT | VANDAL PROTECTION FENCE (13'-6" TALL) | P.66 |
| | | | | 6 | | | | | | 6 | | 894 | 10000 | 6 | EACH | THERMAL INTEGRITY PROFILING (TIP) TEST | |
| MAINTENANCE OF TRAFFIC | | | | | | | | | | | | | | | | | |
| | 681 | | | | | | | | | | 681 | 608 | 20000 | 681 | SF | 2" ASPHALT CONCRETE WALK | |
| 750 | | | | | | | | | | 650 | 100 | 614 | 11110 | 750 | HOURL | LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE | P.10 |
| 880 | | 200 | 1,120 | | | | | | | 1,690 | 510 | 614 | 11630 | 2,200 | FT | INCREASED BARRIER DELINEATION | |
| | | 3 | 12 | | | | | | | 12 | 3 | 614 | 12380 | 15 | EACH | WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL) | P.10 |
| | | LS | | | | | | | | LS | LS | 614 | 12420 | LS | | DETOUR SIGNING | |
| | | 345 | 634 | | | | | | | 934 | 45 | 614 | 12800 | 979 | EACH | WORK ZONE RAISED PAVEMENT MARKER | |
| 71 | | 18 | 86 | | | | | | | 140 | 35 | 614 | 13310 | 175 | EACH | BARRIER REFLECTOR, TYPE 1 (ONE-WAY) | |
| 10 | | | | | | | | | | 10 | | 614 | 13312 | 10 | EACH | BARRIER REFLECTOR, TYPE 2 (ONE-WAY) | |
| 34 | | 6 | 29 | | | | | | | 57 | 12 | 614 | 13350 | 69 | EACH | OBJECT MARKER, ONE WAY | |
| 36 | | | | | | | | | | 36 | | 614 | 18601 | 36 | SNMT | PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN | P.10 |
| | | 3.11 | 1.38 | | | | | | | 4.49 | | 614 | 20010 | 4.49 | MILE | WORK ZONE LANE LINE, CLASS I, 6" | |
| | | 0.26 | 0.34 | | | | | | | 0.4 | 0.2 | 614 | 21000 | 0.6 | MILE | WORK ZONE CENTER LINE, CLASS I | |
| | | 4.2 | 4.94 | | | | | | | 9.14 | | 614 | 22010 | 9.14 | MILE | WORK ZONE EDGE LINE, CLASS I, 6" | |
| | | 4,654 | 20,959 | | | | | | | 25,613 | | 614 | 23010 | 25,613 | FT | WORK ZONE CHANNELIZING LINE, CLASS I, 12" | |
| | | 3,056 | 2,735 | | | | | | | 4,876 | 915 | 614 | 24000 | 5,791 | FT | WORK ZONE DOTTED LINE, CLASS I | |
| | | | 66 | | | | | | | 66 | | 614 | 25000 | 66 | FT | WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I | |
| | | | 11 | | | | | | | | 11 | 614 | 26000 | 11 | FT | WORK ZONE STOP LINE, CLASS I | |
| | | | 151 | | | | | | | | 151 | 614 | 27010 | 151 | FT | WORK ZONE CROSSWALK LINE, CLASS I, 12" | |
| | | 1,120 | 3,273 | | | | | | | 3,743 | 650 | 622 | 41100 | 4,393 | FT | PORTABLE BARRIER, UNANCHORED | |
| | | 330 | 1,070 | | | | | | | 1,400 | | 622 | 41110 | 1,400 | FT | PORTABLE BARRIER, ANCHORED | |
| INCIDENTALS | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | LS | | 108 | 10000 | LS | | CPM PROGRESS SCHEDULE | |
| | | | | | | | | | | LS | | 614 | 11000 | LS | | MAINTAINING TRAFFIC | |
| | | | | | | | | | | LS | | 623 | 10000 | LS | | CONSTRUCTION LAYOUT STAKES AND SURVEYING | |
| | | | | | | | | | | LS | | 624 | 10000 | LS | | MOBILIZATION | |
| | | | | | | | | | | LS | | SPECIAL | 69098400 | LS | | CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION | P.9 |

GENERAL SUMMARY

DESIGN AGENCY
ARCADIS
 222 SOUTH MAIN STREET SUITE 200
 ANTONIO, TEXAS 78103
 (210) 434-1985
 www.arcadis.com

DESIGNER
AZF

REVIEWER
SMG 10/02/24

PROJECT ID
102790

SHEET TOTAL
P.40 160

HAM-071-01.81

MODEL: Sheet PAPER: 34x22 (in.) DATE: 1/3/2025 TIME: 9:08:53 AM USER: cferrell
p:\arcadis-us-pw\entley.com\arcadis-us-01\Documents\01 Active Projects\30123787400_CAD\400-Engineering\Structures\Sheets\102790_SC001

| PARTICIPATION | | ESTIMATED QUANTITIES | | | | | | | | | | AS PER PLAN | |
|---------------|-----------|----------------------|-----------|---------|------|--|-----------------|---------|--------|--------|-------|---------------------------------|---------------|
| | | | | | | | | | | | | CALC. BY: MPB/CAF DATE: 10/2/24 | |
| | | | | | | | | | | | | CHK'D BY: RBB DATE: 10/2/24 | |
| 01/IMS/10 | 02/S>2/40 | ITEM | ITEM EXT. | TOTAL | UNIT | DESCRIPTION | RAMP & STAIRWAY | | BRIDGE | | | GENERAL | STR. SHT. NO. |
| | | | | | | | SUPER | SUB | SUPER | ABUT'S | PIERS | | |
| | LS | 202 | 11003 | LS | | STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN | | | | | | LS | 5 |
| | LS | 202 | 11203 | LS | | PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN | | | | | | LS | 5 |
| | 90 | 202 | 30701 | 90 | FT | CONCRETE BARRIER REMOVED, AS PER PLAN | | | | | | 90 | 5, 58 |
| | LS | 503 | 11100 | LS | | COFFERDAMS AND EXCAVATION BRACING | | | | | | | |
| | LS | 503 | 21300 | LS | | UNCLASSIFIED EXCAVATION | | | | | | LS | |
| | 28 | 503 | 21102 | 28 | CY | UNCLASSIFIED EXCAVATION, INCLUDING SHALE | | | | | | 28 | |
| | | 509 | 25000 | 109,498 | 1 | LB UNCOATED STEEL REINFORCEMENT | | 106,635 | | | | | |
| | | 509 | 26000 | 323,705 | 1 | LB GALVANIZED STEEL REINFORCEMENT | 211,698 | 35,721 | | 3,636 | | 71,974 | 2,863 |
| | | 509 | 27000 | 138,514 | 1 | LB CHROMIUM STEEL REINFORCEMENT, TYPE CS | | 138,514 | | | | | 676 |
| | | 510 | 10000 | 328 | EACH | DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT | | | | | 76 | | 252 |
| | | 511 | 32212 | 332 | 1 | CY CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE | 332 | | | | | | |
| | | 511 | 40512 | 285 | 1 | CY CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS | | | | | | | |
| | | 511 | 42012 | 35 | 1 | CY CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS | | | | | | | |
| | | 511 | 43223 | 253 | 1 | CY CLASS QC SCC CONCRETE WITH QC/QA, PIER, AS PER PLAN | | 253 | | | | | 5 |
| | | 511 | 43512 | 30 | 1 | CY CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING | | 30 | | | | | |
| | | 511 | 46012 | 35 | 1 | CY CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL NOT INCLUDING FOOTING | | | | 17 | | | 18 |
| | | 511 | 46212 | 53 | 1 | CY CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL INCLUDING FOOTING | | 47 | | | | | 6 |
| | | 511 | 46512 | 78 | 1 | CY CLASS QC1 CONCRETE WITH QC/QA, FOOTING | | | | | | | 78 |
| | | 512 | 10001 | 1,573 | SY | SEALING OF CONCRETE SURFACES, AS PER PLAN (PERMANENT GRAFFITI PROTECTION) | | 963 | | | | | 5, 31-34, 37 |
| | | 512 | 10100 | 930 | SY | SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) | 705 | | 78 | | | | 121 |
| | | 516 | 10000 | 14 | FT | PREFORMED ELASTOMERIC COMPRESSION JOINT SEAL | 14 | | | | | | |
| | | 516 | 11211 | 38 | FT | STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN | 24 | | | | 14 | | 59 |
| | | 516 | 13200 | 369 | SF | 1/2" PREFORMED EXPANSION JOINT FILLER | | 369 | | | | | |
| | | 516 | 13600 | 183 | SF | 1" PREFORMED EXPANSION JOINT FILLER | | 183 | | | | | |
| | | 516 | 13900 | 128 | SF | 2" PREFORMED EXPANSION JOINT FILLER | | 128 | | | | | |
| | | 516 | 31010 | 14 | FT | 2" DEEP JOINT SEALER | 14 | | | | | | |
| | | 517 | 76300 | 35 | FT | RAILING MISC.: ALUMINUM RAILING WITH CONCRETE PARAPET | | | | | 35 | | 28 |
| | | 517 | 76300 | 2,256 | FT | RAILING, MISC.: PEDESTRIAN RAILING | 1555 | | 701 | | | | 5, 53, 55, 56 |
| | | 518 | 12500 | 4 | EACH | SCUPPER, MISC.: RAMP SCUPPER | 4 | | | | | | 61 |
| | | 518 | 21200 | 51 | CY | POROUS BACKFILL WITH GEOTEXTILE FABRIC | | | | | 51 | | |
| | | 518 | 43301 | 175 | FT | 6" PIPE DOWNSPOUT, INCLUDING SPECIALS, AS PER PLAN | | 81 | | | | 94 | 60, 61 |
| | | 524 | 95100 | 2 | EACH | DRILLED SHAFTS, MISC.: CSL TESTING, 48" DIA. SHAFT | | 2 | | | | | |
| | | 524 | 95100 | 2 | EACH | DRILLED SHAFTS, MISC.: CSL TESTING, 54" DIA. SHAFT | | | | | | 2 | |
| | | 524 | 95100 | 2 | EACH | DRILLED SHAFTS, MISC.: CSL TESTING, 60" DIA. SHAFT | | | | | | | |
| | | 524 | 95444 | 22 | FT | DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK WITH QC/QA | | 22 | | | | | |
| | | 524 | 95452 | 136 | FT | DRILLED SHAFTS, 48" DIAMETER, ABOVE BEDROCK WITH QC/QA | | 136 | | | | | |
| | | 524 | 95454 | 36 | FT | DRILLED SHAFTS, 48" DIAMETER, INTO BEDROCK WITH QC/QA | | | | | | 36 | |
| | | 524 | 95462 | 75 | FT | DRILLED SHAFTS, 54" DIAMETER, ABOVE BEDROCK WITH QC/QA | | | | | | 75 | |
| | | 524 | 95464 | 77 | FT | DRILLED SHAFTS, 54" DIAMETER, INTO BEDROCK WITH QC/QA | | 77 | | | | | |
| | | 524 | 95472 | 364 | FT | DRILLED SHAFTS, 60" DIAMETER, ABOVE BEDROCK WITH QC/QA | | 364 | | | | | |
| | | SPECIAL | 53000200 | LS | | SPECIAL - STRUCTURES MISC.: PREFABRICATED BRIDGE | | | | | | LS | 6, 7, 60 |
| | | 601 | 21001 | 646 | SY | CONCRETE SLOPE PROTECTION, AS PER PLAN | | 646 | | | | | 34 |
| | | SPECIAL | 60740000 | 298 | FT | VANDAL PROTECTION FENCE (8'-0" TALL) | 298 | | | | | | 6, 56, 57 |
| | | SPECIAL | 60740000 | 701 | FT | VANDAL PROTECTION FENCE (13'-6" TALL) | | | 701 | | | | 6, 55 |
| | | 625 | 33000 | 2 | EACH | STRUCTURE GROUNDING SYSTEM | 1 | | 1 | | | | |
| | | 613 | 41200 | 11 | CY | LOW STRENGTH MORTAR BACKFILL | | | | | | 11 | |
| | | 894 | 10000 | 6 | EACH | THERMAL INTEGRITY PROFILING (TIP) TEST | | 4 | | | | 2 | |

STRUCTURE ESTIMATED QUANTITIES
BRIDGE NO. HAM-71-0180
OVER US 22, I.R. 471 & I.R. 71

SFN
3100775

DESIGN AGENCY
ARCADIS
222 SOUTH MAIN STREET, SUITE 200
MURFREESBORO, TN 37132
615.895.4344
www.arcadis.com

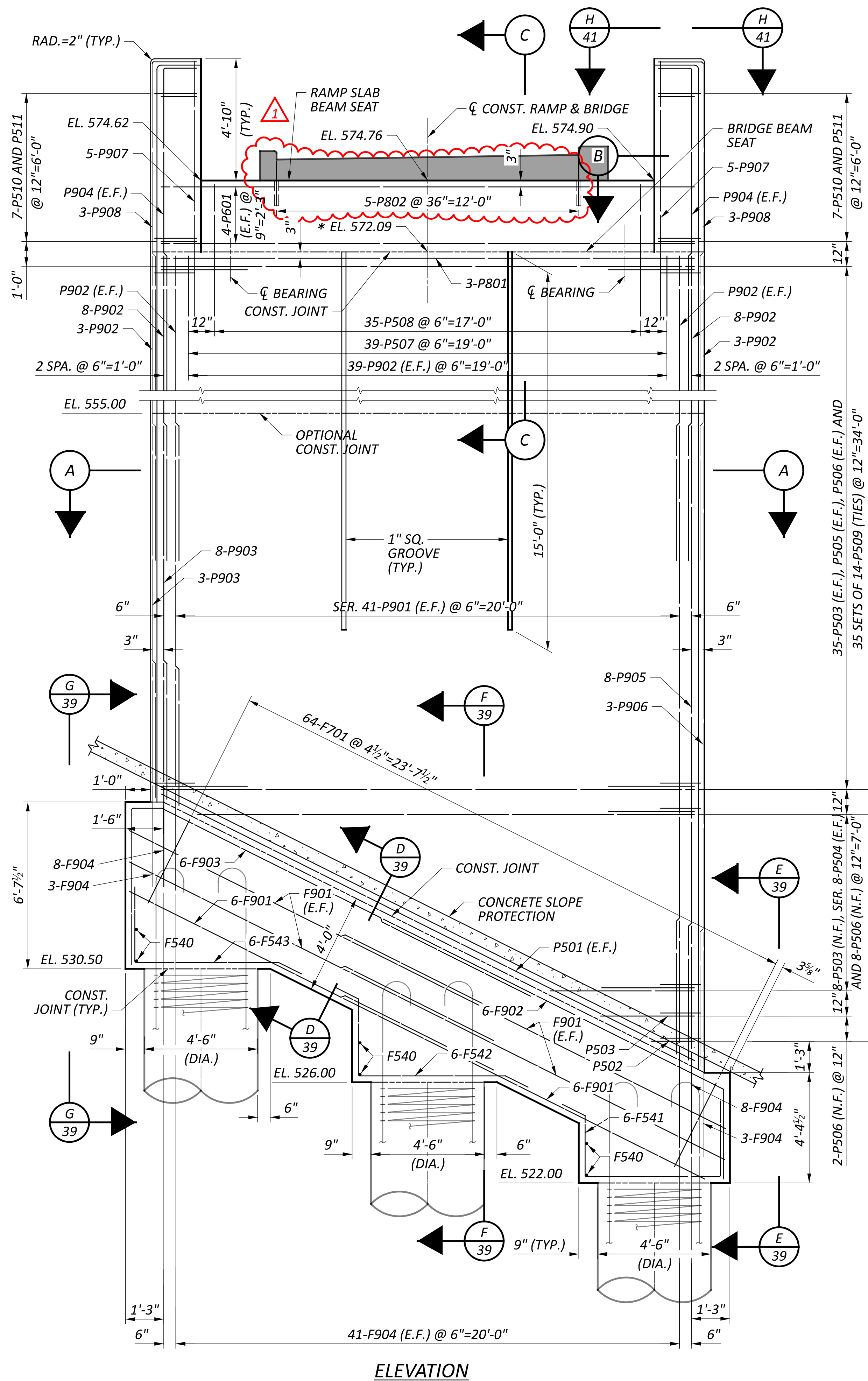
DESIGNER: RJB CHECKER: RBB

REVIEWER: CMD 10/02/24

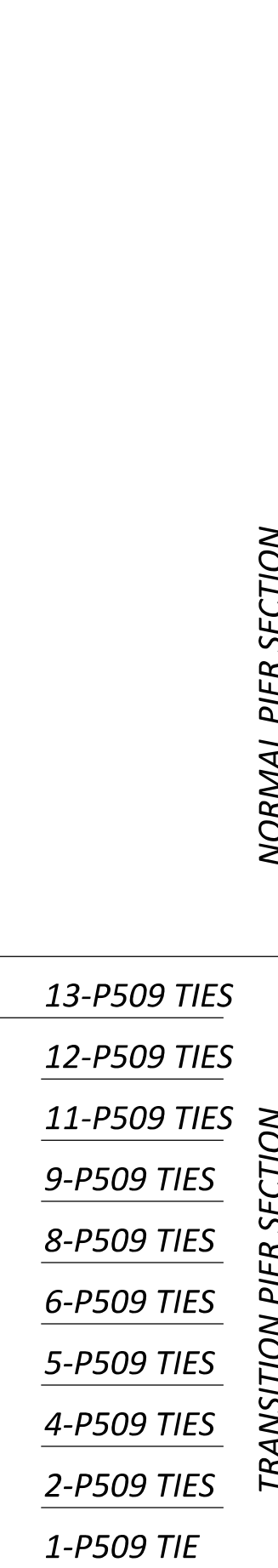
PROJECT ID: 102790

SUBSET TOTAL: 8 67

SHEET TOTAL: P.68 160



ELEVATION



NORMAL PIER SECTION

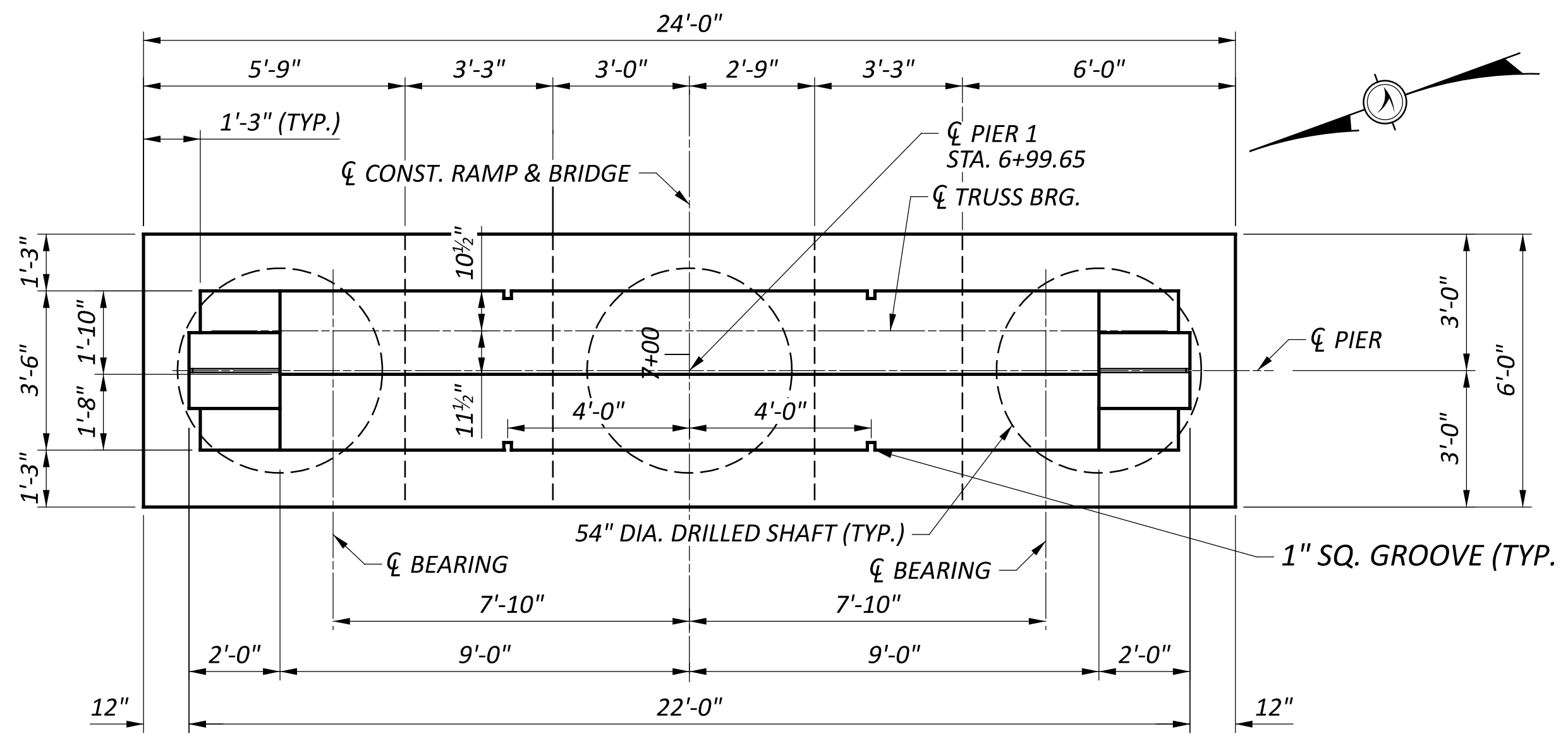
TRANSITION PIER SECTION

NOTES

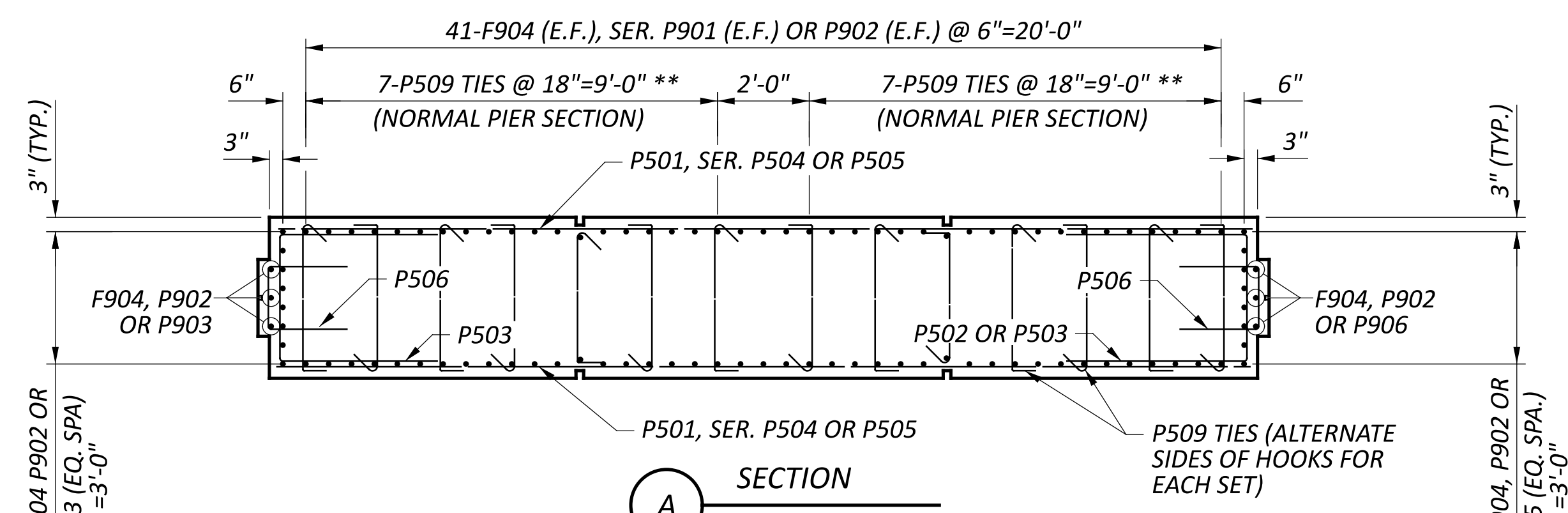
1. SEAL ALL EXPOSED SURFACES WITH CONCRETE SEALER, GRAFFITI PROTECTION.
2. FOR ADDITIONAL ARCHITECTURAL DETAILS SEE SHEET 41/67
3. MINIMUM BAR LAPS ARE AS FOLLOWS:
 #5 BAR = 30"
 #9 BAR = 64"

LEGEND

* TO BE CONFIRMED BY PREFABRICATED BRIDGE MANUFACTURER

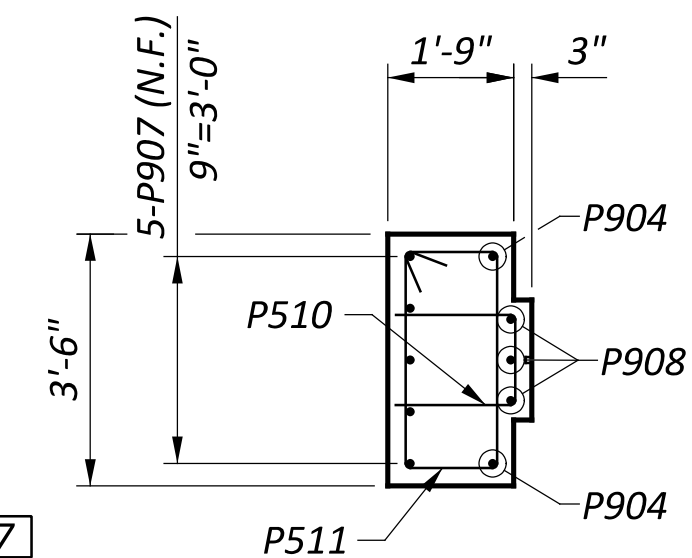


PLAN

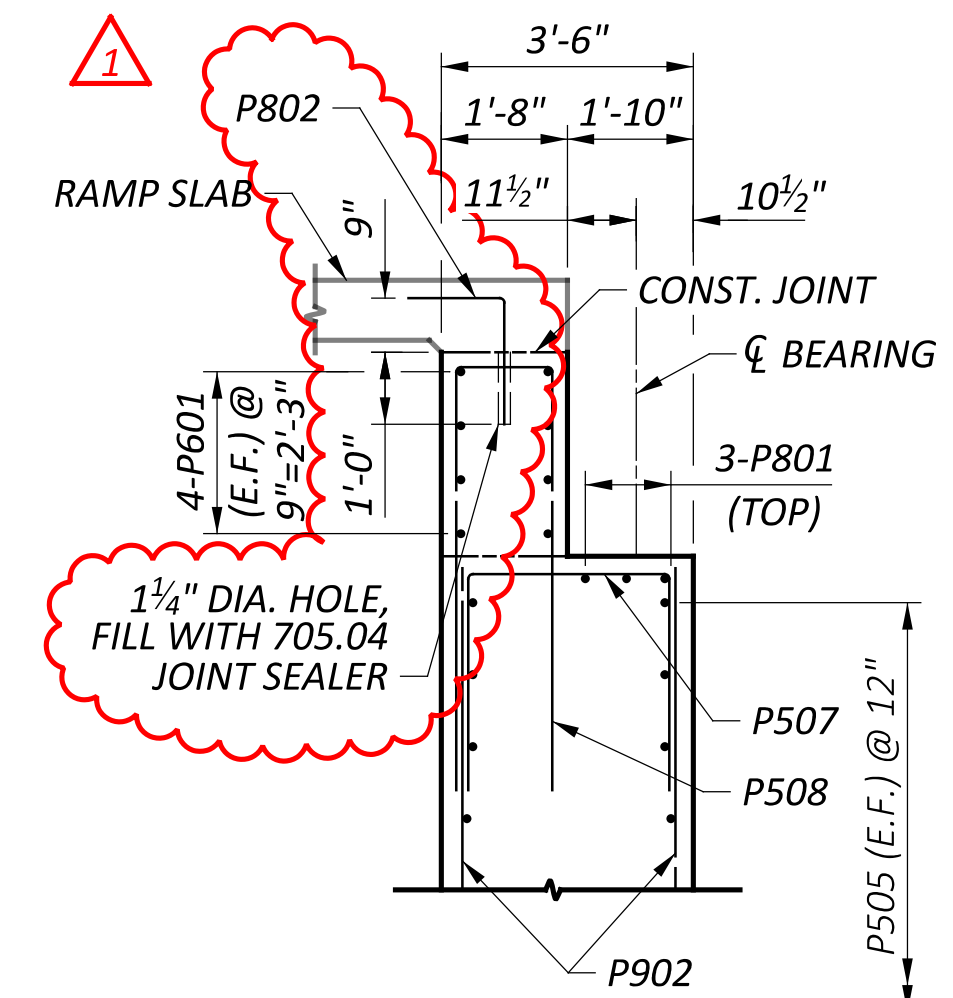


SECTION A

** SEE PIER ELEVATION FOR THE NUMBER OF P509 TIE BARS IN EACH ROW WITHIN THE TRANSITION AREA.



SECTION B



SECTION C

PIER 1 DETAILS
 BRIDGE NO. HAM-71-0180
 OVER US 22, I.R. 471 & I.R. 71

| | |
|--|---------|
| SFN 3100775 | |
| DESIGN AGENCY | |
| ARCADIS 222 SOUTH MAIN STREET, SUITE 201 RICHMOND, VA 23260 (804) 331-4344 www.arcadis.com | |
| DESIGNER | CHECKER |
| RJB | CMD |
| REVIEWER | |
| RBB 10/02/24 | |
| PROJECT ID | |
| 102790 | |
| SUBSET | TOTAL |
| 38 | 67 |
| SHEET | |
| TOTAL | |
| P.98 | 160 |

| MARK | MATERIAL TYPE | NUMBER | | | | LENGTH | WEIGHT | TYPE | DIMENSIONS | | | | | | |
|------------------|---------------|------------------|--------|--------|------------------|------------------------|---------------|------|------------|--------|-------|-------|-------|-------|-----|
| | | PIER 1 | PIER 2 | PIER 3 | TOTAL | | | | A | B | C | D | E | R | INC |
| PIERS | | | | | | | | | | | | | | | |
| F540 | (GSR) | 6 | | | 6 | 5'-8" | 35 | STR | | | | | | | |
| F541 | (GSR) | 6 | | | 6 | 11'-10" | 74 | 39 | 1'-0" | 5'-6" | 3'-0" | 2'-4" | 0'-6" | | |
| F542 | (GSR) | 6 | | | 6 | 10'-8" | 67 | 40 | 1'-0" | 5'-7" | 2'-9" | 0'-6" | | | |
| F543 | (GSR) | 6 | | | 6 | 9'-7" | 61 | 41 | 5'-7" | 1'-0" | 0'-6" | 3'-0" | | | |
| F601 | (GSR) | | | 18 | 18 | 24'-6" | 662 | 17 | 23'-2" | | | | | | |
| F602 | (GSR) | | | 2 | 2 | 23'-2" | 70 | STR | | | | | | | |
| F701 | (GSR) | 64 | | | 64 | 19'-5" | 2540 | 3 | 5'-8" | 3'-7" | | | | | |
| F702 | (GSR) | | | 48 | 48 | 12'-11" | 1267 | 2 | 2'-7" | 8'-8" | 2'-7" | | | | |
| F803 | (GSR) | | 28 | | 28 | 25'-4" | 1894 | 17 | 23'-8" | | | | | | |
| F804 | (GSR) | | 2 | | 2 | 23'-8" | 126 | STR | | | | | | | |
| F901 | (GSR) | 20 | | | 20 | 15'-11" | 1082 | STR | | | | | | | |
| F902 | (GSR) | 6 | | | 6 | 18'-5" | 376 | 19 | 15'-0" | 1'-7" | 3'-2" | | | | |
| F903 | (GSR) | 6 | | | 6 | 23'-1" | 471 | 42 | 16'-5" | 1'-0" | 0'-6" | 6'-2" | | | |
| F904 | (GSR) | 104 | 86 | | 190 | 8'-3" | 5330 | 1 | 1'-0" | 7'-6" | | | | | |
| F1001 | (GSR) | | 96 | | 96 | 13'-2" | 5439 | 2 | 3'-7" | 6'-8" | 3'-7" | | | | |
| F1002 | (GSR) | | | 104 | 104 | 8'-11" | 3990 | 1 | 1'-0" | 8'-3" | | | | | |
| P501 | (GSR) | 2 | | | 2 | 23'-7" | 49 | STR | | | | | | | |
| P502 | (GSR) | 1 | | | 1 | 6'-3" | 7 | 2 | 1'-8" | 3'-2" | 1'-8" | | | | |
| P503 | (GSR) | 79 | 62 | 52 | 193 | 10'-3" | 2063 | 2 | 3'-8" | 3'-2" | 3'-8" | | | | |
| P504 | (GSR) | 2 SR OF 8 | | | 2 SR OF 8 | 5'-8" TO 19'-8" | 211 | STR | | | | | | 2'-0" | |
| P505 | (GSR) | 70 | 62 | 52 | 184 | 21'-2" | 4062 | STR | | | | | | | |
| P506 | (GSR) | 80 | 62 | 52 | 194 | 4'-1" | 826 | 2 | 1'-6" | 1'-4" | 1'-6" | | | | |
| P507 | (GSR) | 39 | 41 | 41 | 121 | 8'-11" | 1125 | 2 | 3'-0" | 3'-2" | 3'-0" | | | | |
| P508 | (GSR) | 35 | | | 35 | 12'-1" | 441 | 2 | 5'-6" | 1'-4" | 5'-6" | | | | |
| P509 | (GSR) | 561 | 434 | 364 | 1359 | 3'-9" | 5315 | 9 | | 0'-6" | 3'-2" | 0'-6" | | | |
| P510 | (GSR) | 14 | 14 | 14 | 42 | 3'-9" | 164 | 2 | 1'-2" | 1'-8" | 1'-2" | | | | |
| P511 | (GSR) | 14 | 14 | 14 | 42 | 9'-10" | 431 | 3 | 1'-5" | 3'-2" | | | | | |
| P601 | (GSR) | 8 | | | 8 | 21'-2" | 254 | STR | | | | | | | |
| P801 | (GSR) | 3 | 5 | 5 | 13 | 21'-2" | 735 | STR | | | | | | | |
| P802 | (GSR) | 5 | | | 5 | 2'-10" | 38 | 1 | 1'-4" | 1'-9" | | | | | |
| P901 | (GSR) | 2 SR OF 41 | 1 | | 2 SR OF 41 | 17'-3" TO 27'-0" | 6164 | STR | | | | | | 0'-3" | |
| P902 | (GSR) | 104 | | | 104 | 23'-0" | 8133 | STR | | | | | | | |
| P903 | (GSR) | 11 | | | 11 | 17'-0" | 636 | STR | | | | | | | |
| P904 | (GSR) | 4 | 4 | | 8 | 13'-10" | 376 | 1 | 1'-5" | 12'-8" | | | | | |
| P905 | (GSR) | 8 | | | 8 | 27'-5" | 746 | STR | | | | | | | |
| P906 | (GSR) | 3 | | | 3 | 27'-8" | 282 | STR | | | | | | | |
| P907 | (GSR) | 10 | 10 | 10 | 30 | 10'-2" | 1037 | STR | | | | | | | |
| P908 | (GSR) | 6 | 6 | | 12 | 14'-5" | 588 | 1 | 1'-8" | 13'-0" | | | | | |
| P909 | (GSR) | | 208 | | 208 | 18'-4" | 12964 | STR | | | | | | | |
| P910 | (GSR) | | | 4 | 4 | 14'-7" | 198 | 1 | 1'-5" | 13'-5" | | | | | |
| P911 | (GSR) | | | 6 | 6 | 15'-2" | 309 | 1 | 1'-8" | 13'-9" | | | | | |
| SUB-TOTAL | | | | | | | 70,638 | | | | | | | | |

| MARK | MATERIAL TYPE | NUMBER | | | | LENGTH | WEIGHT | TYPE | DIMENSIONS | | | | | | |
|---|---------------|--------|---|---|---|---------|----------------|------|------------|-------|-------|-------|--|----|--|
| | | TOTAL | A | B | C | | | | D | E | R | INC | | | |
| RAMP COLUMN SUPPORTS (C1 THRU C11) | | | | | | | | | | | | | | | |
| C401 | (CSR) | 401 | | | | 3'-8" | 982 | 2 | 1'-3" | 1'-4" | 1'-3" | | | | |
| C501 | (CSR) | 401 | | | | 3'-10" | 1603 | 9 | 0'-4" | 0'-6" | 3'-3" | 0'-6" | | | |
| C502 | (CSR) | 401 | | | | 12'-9" | 5333 | 3 | 2'-8" | 3'-3" | | | | | |
| C503 | (CSR) | 44 | | | | 5'-0" | 229 | 2 | 1'-0" | 3'-3" | 1'-0" | | | | |
| C504 | (CSR) | 33 | | | | 5'-3" | 181 | 2 | 1'-0" | 3'-6" | 1'-0" | | | | |
| C505 | (CSR) | 430 | | | | 9'-9" | 4373 | 3 | 2'-2" | 2'-3" | | | | | |
| C506 | (CSR) | 28 | | | | 14'-10" | 433 | STR | | | | | | | |
| C507 | (CSR) | 12 | | | | 12'-4" | 154 | STR | | | | | | | |
| C508 | (CSR) | 4 | | | | 13'-3" | 55 | STR | | | | | | | |
| C509 | (CSR) | 12 | | | | 14'-6" | 181 | STR | | | | | | | |
| C801 | (CSR) | 115 | | | | 2'-11" | 896 | 1 | 1'-4" | 1'-9" | | | | | |
| C1101 | (CSR) | 192 | | | | 16'-8" | 17002 | STR | | | | | | | |
| C1102 | (CSR) | 144 | | | | 20'-4" | 15556 | STR | | | | | | | |
| C1103 | (CSR) | 48 | | | | 26'-9" | 6822 | STR | | | | | | | |
| C1104 | (CSR) | 48 | | | | 32'-10" | 8373 | STR | | | | | | | |
| C1105 | (CSR) | 168 | | | | 19'-11" | 17778 | 49 | 16'-8" | 2'-0" | | | | 6" | |
| C1106 | (CSR) | 84 | | | | 18'-0" | 8034 | 48 | 16'-4" | 2'-0" | | | | 6" | |
| C1107 | (CSR) | 36 | | | | 18'-6" | 3539 | 48 | 16'-10" | 2'-0" | | | | 6" | |
| C1108 | (CSR) | 36 | | | | 18'-2" | 3411 | 48 | 16'-6" | 2'-0" | | | | 6" | |
| C1109 | (CSR) | 12 | | | | 19'-5" | 1238 | 48 | 17'-9" | 2'-0" | | | | 6" | |
| C1110 | (CSR) | 12 | | | | 19'-1" | 1217 | 48 | 17'-5" | 2'-0" | | | | 6" | |
| C1111 | (CSR) | 36 | | | | 20'-8" | 3953 | 48 | 19'-0" | 2'-0" | | | | 6" | |
| C1112 | (CSR) | 36 | | | | 20'-4" | 3890 | 48 | 18'-8" | 2'-0" | | | | 6" | |
| C1113 | (CSR) | 24 | | | | 24'-7" | 3135 | STR | | | | | | | |
| C1114 | (CSR) | 48 | | | | 22'-3" | 5674 | STR | | | | | | | |
| C1115 | (CSR) | 24 | | | | 27'-8" | 3528 | STR | | | | | | | |
| SUB-TOTAL | | | | | | | 117,560 | | | | | | | | |

| MARK | MATERIAL TYPE | NUMBER | | | | LENGTH | WEIGHT | TYPE | DIMENSIONS | | | | | | |
|------------------|---------------|------------------|---|---|---|------------------------|---------------|------|------------|-----------------------|--------|-----|--|-------------------------------|--|
| | | TOTAL | A | B | C | | | | D | E | R | INC | | | |
| STAIRWAY | | | | | | | | | | | | | | | |
| S301 | (GSR) | 497 | | | | 1'-10" | 343 | 1 | 0'-8" | 1'-3" | | | | | |
| S302 | (GSR) | 67 | | | | 9'-0" | 228 | STR | | | | | | | |
| S501 | (GSR) | 194 | | | | 9'-0" | 1821 | STR | | | | | | | |
| S502 | (GSR) | 2 | | | | 18'-7" | 39 | 19 | 10'-10" | 7'-8" | 1'-1" | | | | |
| S503 | (GSR) | 38 | | | | 2'-9" | 109 | 2 | 1'-3" | 0'-6" | 1'-3" | | | | |
| S504 | (GSR) | 36 | | | | 10'-6" | 394 | STR | | | | | | | |
| S505 | (GSR) | 2 SR OF 3 | | | | 8'-2" TO 13'-4" | 67 | STR | | | | | | 2'-7" | |
| S506 | (GSR) | 1 SR OF 12 | | | | 11'-4" TO 15'-6" | 168 | 38 | 4'-3" | 7'-1" TO 11'-3" | | | | 3'-5" TO 8'-11" R=6" | |
| S507 | (GSR) | 1 SR OF 12 | | | | 11'-4" TO 19'-8" | 194 | 38 | 5'-0" | 6'-4" TO 14'-8" | | | | 3'-5" TO 8'-11" R=6" | |
| S508 | (GSR) | 1 SR OF 6 | | | | 10'-6" TO 18'-0" | 89 | 51 | 4'-3" | 1'-3" TO 8'-9" | 5'-0" | | | 0'-5" TO 2'-11" R=6" | |
| S509 | (GSR) | 4 | | | | 3'-11" | 16 | 3 | 1'-2" | 0'-6" | | | | | |
| S510 | (GSR) | 5 | | | | 7'-3" | 38 | 2 | 3'-6" | 0'-6" | 3'-6" | | | | |
| S801 | (GSR) | 38 | | | | 16'-11" | 1716 | STR | | | | | | | |
| S802 | (GSR) | 38 | | | | 11'-11" | 1209 | 19 | 8'-4" | 3'-3" | 1'-7" | | | | |
| S803 | (GSR) | 38 | | | | 11'-7" | 1175 | 19 | 6'-9" | 4'-4" | 2'-2" | | | | |
| S804 | (GSR) | 38 | | | | 11'-0" | 1116 | 19 | 7'-2" | 3'-5" | 1'-9" | | | | |
| S805 | (GSR) | 38 | | | | 10'-9" | 1091 | 19 | 6'-9" | 3'-7" | 1'-9" | | | | |
| S806 | (GSR) | 38 | | | | 18'-6" | 1877 | STR | | | | | | | |
| S807 | (GSR) | 19 | | | | 12'-10" | 651 | 18 | 3'-3" | 7'-10" | 3'-11" | | | | |
| S808 | (GSR) | 19 | | | | 12'-6" | 634 | 50 | 5'-0" | 6'-0" | 3'-0" | | | | |
| SUB-TOTAL | | | | | | | 12,975 | | | | | | | | |

REINFORCING SCHEDULE
BRIDGE NO. HAM-71-0180
OVER US 22, I.R. 471 & I.R. 71

SFN 3100775
 DESIGN AGENCY
ARCADIS
 222 SOUTH MAIN STREET, SUITE 200
 FAYETTEVILLE, AR 72701-4344-6855
 www.arcadis.com

DESIGNER: RJB CHECKER: CMD
 REVIEWER: RBB
 PROJECT ID: 102790
 SUBSET: 64 TOTAL: 67
 SHEET: P.124 TOTAL: 160