FORM DQP 2.01-1
LEVEL 1 CHECK PRINT SIGN-OFF SHEET

Client Name:	**Ohio Department of Transportation**
Job Title:	**Cleveland Innerbelt Design-Build Contract**
Job Number:	**CUY-90-14.90**
Document Title:	Unit 2- Walsh C.W. check - T187 Include files

Check Level (Mark One):

- [ ] 1A 100% Document Check
- [X] 1B 100% Input Check

Enter description below:

		Print Name	Signature	Date
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[✓]	Validater	Carl Schipfmann		5/11/12

Insert an "X" in the box to indicate a required QC activity.

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$-------------------------------------------------------------------------------$
$  THE FOLLOWING IS THE SUBSTRUCTURE MATERIAL PROPERTIES INPUT                  $
$                                                                               $
$                                                                               $
$                                                                               $
$                                                                               $
$    TO INCLUDE THESE MEMBERS AND THEIR MATERIAL PROPERTIES                     $
$    USE THE COMMAND                                                            $
$ "INCLUDE UNIT 2 3D ANALYSIS MODEL MATERIAL PROP PIER.dat"                     $
$  IN THE ANALYSIS FILE                                                         $
$                                                                               $
$-------------------------------------------------------------------------------$
$
$-------------------------------------------------------------
$  Revisions:
$  Initials   Date           Reason
$  DSB        12-07-2010     File created
$  MCC        02-12-11       Checked
$
$
$
$-------------------------------------------------------------
$
UNIT KIP INCHES
MATERIAL PROPERTIES
       5    CONCRETE    4.00 $ SUBSTRUCTURE CONCRETE
       6    STEEL   50.0 DENS 0.0
$
MEMBER PROPERTIES
$       200000 TO 200018 MATE 5 $ PIER 2
$       300000 TO 300019 MATE 5 $ PIER 3
$       400000 TO 400019 MATE 5 $ PIER 4
$       500000 TO 500019 MATE 5 $ PIER 5
       600000 TO 600009 MATE 5 $ PIER 6
       700000 TO 700009 MATE 5 $ PIER 7
       600010 TO 600019 MATE 6 $ PIER 6
       700010 TO 700019 MATE 6 $ PIER 7
$       800000 TO 800019 MATE 5 $ PIER 8
$       900000 TO 900019 MATE 5 $ PIER 9
$       1000000 TO 1000019 MATE 5 $ PIER 10
$       1100000 TO 1100019 MATE 5 $ PIER 11
$END OF INCLUDE FILE
```

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$-------------------------------------------------------------------$
$  THE FOLLOWING IS THE GROUP DEFINITION INPUT                      $
$  FOR THE CLEVELAND INNERBELT UNIT 2 3D MODEL                      $
$                                                                   $
$                                                                   $
$                                                                   $
$    TO INCLUDE THESE MEMBERS AND THEIR RESPECTIVE GROUPS           $
$    USE THE COMMAND:                                               $
$"INCLUDE UNIT 2 3D ANALYSIS MODEL GROUPS.DAT" IN THE INPUT FILE    $
$                                                                   $
$-------------------------------------------------------------------$
$
$-----------------------------------------------------------
$  Revisions:
$  Initials   Date          Reason
$    DJG      12-14-10      Created File
$    MCC      02-14-11      Checked
$    DJG      02/21/11      Corrected Per Check
$    DJG      07-16-11      REVISED FOR LATERAL BRACING CHANGE
$
$-----------------------------------------------------------
$
GROUP DEFINITIONS
      MEMBERS 1000 TO 1312 GROUP NCG1 $ NON COMPOSITE GIRDER 1
      MEMBERS 3000 TO 3315 GROUP NCG2 $ NON COMPOSITE GIRDER 2
      MEMBERS 5000 TO 5312 GROUP NCG3 $ NON COMPOSITE GIRDER 3
      MEMBERS 7000 TO 7310 GROUP NCG4 $ NON COMPOSITE GIRDER 4
      MEMBERS 9000 TO 9311 GROUP NCG5 $ NON COMPOSITE GIRDER 5
$
      MEMBERS 2000 TO 2271 2372 TO 2400 2572 TO 2600 GROUP NCS1 $ NON COMP. STR1
      MEMBERS 4000 TO 4271 4372 TO 4400 4572 TO 4600 GROUP NCS2 $ NON COMP. STR2
      MEMBERS 6000 TO 6271 6372 TO 6399 6572 TO 6599 GROUP NCS3 $ NON COMP. STR3
      MEMBERS 8000 TO 8271 8372 TO 8398 8572 TO 8598 GROUP NCS4 $ NON COMP. STR4
$
      MEMBERS 10000 TO 11133 GROUP DIAPH $  DIAPHRAGMS
$
$
$
      MEMBERS 21401 21421 21441 21461 21481 21501 21521 21541 -
      21403 21423 21443 21463 21483 21503 21523 21543 -
      21405 21425 21445 21465 21485 21505 21525 21545 -
      21406 21426 21446 21466 21486 21506 21526 21546 -
      21408 21428 21448 21468 21488 21508 21528 21548 -
      21410 21430 21450 21470 21490 21510 21530 21550 -
      21412 21432 21452 21472 21492 21512 21532 21552 -
      21413 21433 21453 21473 21493 21513 21533 21553 -
      21415 21435 21455 21475 21495 21515 21535 21555 -
      21417 21437 21457 21477 21497 21517 21537 21557 -
      22401 22421 22441 22461 22481 22501 22521 22541 -
      22403 22423 22443 22463 22483 22503 22523 22543 -
      22405 22425 22445 22465 22485 22505 22525 22545 -
      22406 22426 22446 22466 22486 22506 22526 22546 -
      22412 22432 22452 22472 22492 22512 22532 22552 -
      22413 22433 22453 22473 22493 22513 22533 22553 -
      22415 22435 22455 22475 22495 22515 22535 22555 -
      22417 22437 22457 22477 22497 22517 22537 22557 -
      23401 23421 23441 23461 23481 23501 23521 23541 -
      23403 23423 23443 23463 23483 23503 23523 23543 -
      23405 23425 23445 23465 23485 23505 23525 23545 -
      23406 23426 23446 23466 23486 23506 23526 23546 -
      23408 23428 23448 23468 23488 23508 23528 23548 -
      23410 23430 23450 23470 23490 23510 23530 23550 -
      23412 23432 23452 23472 23492 23512 23532 23552 -
      23413 23433 23453 23473 23493 23513 23533 23553 -
      23415 23435 23455 23475 23495 23515 23535 23555 -
      23417 23437 23457 23477 23497 23517 23537 23557 -
      24401 24421 24441 24461 24481 24501 24521 24541 -
      24403 24423 24443 24463 24483 24503 24523 24543 -
      24405 24425 24445 24465 24485 24505 24525 24545 -
      24406 24426 24446 24466 24486 24506 24526 24546 -
      24412 24432 24452 24472 24492 24512 24532 24552 -
      24413 24433 24453 24473 24493 24513 24533 24553 -
      24415 24435 24455 24475 24495 24515 24535 24555 -
      24417 24437 24457 24477 24497 24517 24537 24557 -
      25401 25421 25441 25461 25481 25501 25521 25541 -
      25403 25423 25443 25463 25483 25503 25523 25543 -
      25405 25425 25445 25465 25485 25505 25525 25545 -
      25406 25426 25446 25466 25486 25506 25526 25546 -
      25408 25428 25448 25468 25488 25508 25528 25548 -
      25410 25430 25450 25470 25490 25510 25530 25550 -
      25412 25432 25452 25472 25492 25512 25532 25552 -
      25413 25433 25453 25473 25493 25513 25533 25553 -
      25415 25435 25455 25475 25495 25515 25535 25555 -
      25417 25437 25457 25477 25497 25517 25537 25557 -
      26401 26421 26441 26461 26481 26501 26521 26541 -
      26403 26423 26443 26463 26483 26503 26523 26543 -
      26405 26425 26445 26465 26485 26505 26525 26545 -
      26406 26426 26446 26466 26486 26506 26526 26546 -
      26412 26432 26452 26472 26492 26512 26532 26552 -
      26413 26433 26453 26473 26493 26513 26533 26553 -
      26415 26435 26455 26475 26495 26515 26535 26555 -
      26417 26437 26457 26477 26497 26517 26537 26557 -
      27401 27421 27441 27461 27481 27501 27521 27541 -
      27403 27423 27443 27463 27483 27503 27523 27543 -
      27405 27425 27445 27465 27485 27505 27525 27545 -
      27406 27426 27446 27466 27486 27506 27526 27546 -
      27408 27428 27448 27468 27488 27508 27528 27548 -
      27410 27430 27450 27470 27490 27510 27530 27550 -
      27412 27432 27452 27472 27492 27512 27532 27552 -
      27413 27433 27453 27473 27493 27513 27533 27553 -
      27415 27435 27455 27475 27495 27515 27535 27555 -
      27417 27437 27457 27477 27497 27517 27537 27557 -
      28401 28421 28441 28461 28481 28501 28521 28541 -
      28403 28423 28443 28463 28483 28503 28523 28543 -
      28405 28425 28445 28465 28485 28505 28525 28545 -
      28406 28426 28446 28466 28486 28506 28526 28546 -
      28412 28432 28452 28472 28492 28512 28532 28552 -
      28413 28433 28453 28473 28493 28513 28533 28553 -
```



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      28415 28435 28455 28475 28495 28515 28535 28555 -
      28417 28437 28457 28477 28497 28517 28537 28557 GROUP LATBR
$
      MEMBERS 51401 51421 51441 51461 51481 51501 51521 51541 -
      51403 51423 51443 51463 51483 51503 51523 51543 -
      51405 51425 51445 51465 51485 51505 51525 51545 -
      51406 51426 51446 51466 51486 51506 51526 51546 -
      51412 51432 51452 51472 51492 51512 51532 51552 -
      51413 51433 51453 51473 51493 51513 51533 51553 -
      51415 51435 51455 51475 51495 51515 51535 51555 -
      51417 51437 51457 51477 51497 51517 51537 51557 -
      52401 52421 52441 52461 52481 52501 52521 52541 -
      52403 52423 52443 52463 52483 52503 52523 52543 -
      52405 52425 52445 52465 52485 52505 52525 52545 -
      52406 52426 52446 52466 52486 52506 52526 52546 -
      52412 52432 52452 52472 52492 52512 52532 52552 -
      52413 52433 52453 52473 52493 52513 52533 52553 -
      52415 52435 52455 52475 52495 52515 52535 52555 -
      52417 52437 52457 52477 52497 52517 52537 52557 -
      53401 53421 53441 53461 53481 53501 53521 53541 -
      53403 53423 53443 53463 53483 53503 53523 53543 -
      53405 53425 53445 53465 53485 53505 53525 53545 -
      53406 53426 53446 53466 53486 53506 53526 53546 -
      53412 53432 53452 53472 53492 53512 53532 53552 -
      53413 53433 53453 53473 53493 53513 53533 53553 -
      53415 53435 53455 53475 53495 53515 53535 53555 -
      53417 53437 53457 53477 53497 53517 53537 53557 -
      54401 54421 54441 54461 54481 54501 54521 54541 -
      54403 54423 54443 54463 54483 54503 54523 54543 -
      54405 54425 54445 54465 54485 54505 54525 54545 -
      54406 54426 54446 54466 54486 54506 54526 54546 -
      54412 54432 54452 54472 54492 54512 54532 54552 -
      54413 54433 54453 54473 54493 54513 54533 54553 -
      54415 54435 54455 54475 54495 54515 54535 54555 -
      54417 54437 54457 54477 54497 54517 54537 54557 -
      55401 55421 55441 55461 55481 55501 55521 55541 -
      55403 55423 55443 55463 55483 55503 55523 55543 -
      55405 55425 55445 55465 55485 55505 55525 55545 -
      55406 55426 55446 55466 55486 55506 55526 55546 -
      55412 55432 55452 55472 55492 55512 55532 55552 -
      55413 55433 55453 55473 55493 55513 55533 55553 -
      55415 55435 55455 55475 55495 55515 55535 55555 -
      55417 55437 55457 55477 55497 55517 55537 55557 -
      56401 56421 56441 56461 56481 56501 56521 56541 -
      56403 56423 56443 56463 56483 56503 56523 56543 -
      56405 56425 56445 56465 56485 56505 56525 56545 -
      56406 56426 56446 56466 56486 56506 56526 56546 -
      56412 56432 56452 56472 56492 56512 56532 56552 -
      56413 56433 56453 56473 56493 56513 56533 56553 -
      56415 56435 56455 56475 56495 56515 56535 56555 -
      56417 56437 56457 56477 56497 56517 56537 56557 -
      57401 57421 57441 57461 57481 57501 57521 57541 -
      57403 57423 57443 57463 57483 57503 57523 57543 -
      57405 57425 57445 57465 57485 57505 57525 57545 -
      57406 57426 57446 57466 57486 57506 57526 57546 -
      57412 57432 57452 57472 57492 57512 57532 57552 -
      57413 57433 57453 57473 57493 57513 57533 57553 -
      57415 57435 57455 57475 57495 57515 57535 57555 -
      57417 57437 57457 57477 57497 57517 57537 57557 -
      58401 58421 58441 58461 58481 58501 58521 58541 -
      58403 58423 58443 58463 58483 58503 58523 58543 -
      58405 58425 58445 58465 58485 58505 58525 58545 -
      58406 58426 58446 58466 58486 58506 58526 58546 -
      58412 58432 58452 58472 58492 58512 58532 58552 -
      58413 58433 58453 58473 58493 58513 58533 58553 -
      58415 58435 58455 58475 58495 58515 58535 58555 -
      58417 58437 58457 58477 58497 58517 58537 58557 GROUP LATDIAG
$
$    DELTA LEG GROUP
       MEMBERS 1400 TO 1417 3400 TO 3417 5400 TO 5417 7400 TO 7417 -
       9400 TO 9417 1420 TO 1437 3420 TO 3437 5420 TO 5437 7420 TO 7437 -
       9420 TO 9437 -
       1440 TO 1457 3440 TO 3457 5440 TO 5457 7440 TO 7457 9440 TO 9457 -
       1460 TO 1477 3460 TO 3477 5460 TO 5477 7460 TO 7477 9460 TO 9477 -
       1480 TO 1497 3480 TO 3497 5480 TO 5497 7480 TO 7497 9480 TO 9497 -
       1500 TO 1517 3500 TO 3517 5500 TO 5517 7500 TO 7517 9500 TO 9517 -
       1520 TO 1537 3520 TO 3537 5520 TO 5537 7520 TO 7537 9520 TO 9537 -
       1540 TO 1557 3540 TO 3557 5540 TO 5557 7540 TO 7557 -
       9540 TO 9557 GROUP DELTALEG
$
$    BEAM MEMBERS GROUPED BY POURING SEGMENTS
$
$    SPAN 3 EXTERIOR
       MEMBERS 1000 TO 1015 9000 TO 9015 GROUP S3EGIRD
$
$    SPAN 3 INTERIOR
       MEMBERS 2000 TO 2015 3000 TO 3015 4000 TO 4015 -
       5000 TO 5015 6000 TO 6015 7000 TO 7015 8000 TO 8015 GROUP S3IGIRD
$
$    PIER 3 EXTERIOR
       MEMBERS 1016 TO 1038 9016 TO 9038 GROUP P3EGIRD
$
$    PIER 3 INTERIOR
       MEMBERS 2016 TO 2038 3016 TO 3038 -
       4016 TO 4038 5016 TO 5038 6016 TO 6038 -
       7016 TO 7038 8016 TO 8038 GROUP P3IGIRD
$
$    SPAN 4 EXTERIOR
       MEMBERS 1039 TO 1052 9039 TO 9052 GROUP S4EGIRD
$
$    SPAN 4 INTERIOR
       MEMBERS 2039 TO 2052 3039 TO 3052 -
       4039 TO 4052 5039 TO 5052 6039 TO 6052 -
       7039 TO 7052 8039 TO 8052 GROUP S4IGIRD
$
$    PIER 4 EXTERIOR
       MEMBERS 1053 TO 1074 9053 TO 9074 GROUP P4EGIRD
$
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$    PIER 4 INTERIOR
      MEMBERS 2053 TO 2074 3053 TO 3074 -
      4053 TO 4074 5053 TO 5074 6053 TO 6074 -
      7053 TO 7074 8053 TO 8074 GROUP P4IGIRD
$
$    SPAN 5 EXTERIOR
      MEMBERS 1075 TO 1090 9075 TO 9090 GROUP S5EGIRD
$
$    SPAN 5 INTERIOR
      MEMBERS 2075 TO 2090 3075 TO 3090 -
      4075 TO 4090 5075 TO 5090 6075 TO 6090 -
      7075 TO 7090 8075 TO 8090 GROUP S5IGIRD
$
$    PIER 5 EXTERIOR
      MEMBERS 1091 TO 1112 9091 TO 9112 GROUP P5EGIRD
$
$    PIER 5 INTERIOR
      MEMBERS 2091 TO 2112 3091 TO 3112 -
      4091 TO 4112 5091 TO 5112 6091 TO 6112 -
      7091 TO 7112 8091 TO 8112 GROUP P5IGIRD
$
$    SPAN 6 EXTERIOR
      MEMBERS 1113 TO 1128 9113 TO 9128 GROUP S6EGIRD
$
$    SPAN 6 INTERIOR
      MEMBERS 2113 TO 2128 3113 TO 3128 -
      4113 TO 4128 5113 TO 5128 6113 TO 6128 -
      7113 TO 7128 8113 TO 8128 GROUP S6IGIRD
$
$    PIER 6 EXTERIOR
      MEMBERS 1129 TO 1150 9129 TO 9150 GROUP P6EGIRD
$
$    PIER 6 INTERIOR
      MEMBERS 2129 TO 2150 3129 TO 3150 -
      4129 TO 4150 5129 TO 5150 6129 TO 6150 -
      7129 TO 7150 8129 TO 8150 GROUP P6IGIRD
$
$    SPAN 7 EXTERIOR
      MEMBERS 1151 TO 1164 9151 TO 9164 GROUP S7EGIRD
$
$    SPAN 7 INTERIOR
      MEMBERS 2151 TO 2164 3151 TO 3164 -
      4151 TO 4164 5151 TO 5164 6151 TO 6164 -
      7151 TO 7164 8151 TO 8164 GROUP S7IGIRD
$
$    PIER 7 EXTERIOR
      MEMBERS 1165 TO 1186 9165 TO 9186 GROUP P7EGIRD
$
$    PIER 7 INTERIOR
      MEMBERS 2165 TO 2186 3165 TO 3186 -
      4165 TO 4186 5165 TO 5186 6165 TO 6186 -
      7165 TO 7186 8165 TO 8186 GROUP P7IGIRD
$
$    SPAN 8 EXTERIOR
      MEMBERS 1187 TO 1200 9187 TO 9200 GROUP S8EGIRD
$
$    SPAN 8 INTERIOR
      MEMBERS 2187 TO 2200 3187 TO 3200 -
      4187 TO 4200 5187 TO 5200 6187 TO 6200 -
      7187 TO 7200 8187 TO 8200 GROUP S8IGIRD
$
$    PIER 8 EXTERIOR
      MEMBERS 1201 TO 1222 9201 TO 9222 GROUP P8EGIRD
$
$    PIER 8 INTERIOR
      MEMBERS 2201 TO 2222 3201 TO 3222 -
      4201 TO 4222 5201 TO 5222 6201 TO 6222 -
      7201 TO 7222 8201 TO 8222 GROUP P8IGIRD
$
$    SPAN 9 EXTERIOR
      MEMBERS 1223 TO 1234 9223 TO 9236 GROUP S9EGIRD
$
$    SPAN 9 INTERIOR
      MEMBERS 2223 TO 2234 3223 TO 3235 -
      4223 TO 4234 5223 TO 5235 6223 TO 6234 -
      7223 TO 7236 8223 TO 8234 GROUP S9IGIRD
$
$    PIER 9 EXTERIOR
      MEMBERS 1235 TO 1258 9237 TO 9259 GROUP P9EGIRD
$
$    PIER 9 INTERIOR
      MEMBERS 2235 TO 2253 3236 TO 3259 -
      4235 TO 4253 5236 TO 5259 6235 TO 6253 -
      7237 TO 7258 8235 TO 8253 GROUP P9IGIRD
$
$    SPAN 10 EXTERIOR
      MEMBERS 1259 TO 1275 9260 TO 9277 GROUP S10EGIRD
$
$    SPAN 10 INTERIOR
      MEMBERS 2254 TO 2267 3260 TO 3276 -
      4254 TO 4267 5260 TO 5276 6254 TO 6267 -
      7259 TO 7275 8254 TO 8267 GROUP S10IGIRD
$
$    PIER 10 1 STRINGER EXTERIOR
      MEMBERS 1276 TO 1280 9278 TO 9281 GROUP P10EGRD1
$
$    PIER 10 1 STRINGER INTERIOR
      MEMBER 2268 TO 2271 3277 TO 3282 -
      4268 TO 4271 5277 TO 5281 6268 TO 6271 -
      7276 TO 7280 8268 TO 8271 GROUP P10IGRD1
$
$    PIER 10 2 STRINGERS EXTERIOR
      MEMBERS 1281 TO 1293 9282 TO 9296 GROUP P10EGRD2
$
$    PIER 10 2 STRINGERS INTERIOR
      MEMBERS 2372 TO 2383 2572 TO 2583 -
      3283 TO 3297 4372 TO 4383 4572 TO 4583 5282 TO 5295 -
      6372 TO 6383 6572 TO 6583 7281 TO 7295 8372 TO 8383 -
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      8572 TO 8583 GROUP P10IGRD2
$
$    SPAN 11 EXTERIOR
      MEMBERS 1294 TO 1312 9297 TO 9311 GROUP S11EGIRD
$
$    SPAN 11 INTERIOR
      MEMBERS 2384 TO 2400 2584 TO 2600 -
      3298 TO 3315 4384 TO 4400 4584 TO 4600 5296 TO 5312 -
      6384 TO 6399 6584 TO 6599 7296 TO 7310 8384 TO 8398 -
      8584 TO 8598 GROUP S11IGIRD
$
$    SLAB MEMBERS GROUPED BY POURING SEGMENTS
$
$    SPAN 3 DECK
      MEMBERS 31000 TO 31015 32000 TO 32015 33000 TO 33015 -
      34000 TO 34015 35000 TO 35015 36000 TO 36015 -
      37000 TO 37015 38000 TO 38015 39000 TO 39015 GROUP SP3SLAB
$
$    PIER 3 DECK
      MEMBERS 31016 TO 31038 32016 TO 32038 33016 TO 33038 -
      34016 TO 34038 35016 TO 35038 36016 TO 36038 -
      37016 TO 37038 38016 TO 38038 39016 TO 39038 GROUP PR3SLAB
$
$    SPAN 4 DECK
      MEMBERS 31039 TO 31052 32039 TO 32052 33039 TO 33052 -
      34039 TO 34052 35039 TO 35052 36039 TO 36052 -
      37039 TO 37052 38039 TO 38052 39039 TO 39052 GROUP SP4SLAB
$
$    PIER 4 DECK
      MEMBERS 31053 TO 31074 32053 TO 32074 33053 TO 33074 -
      34053 TO 34074 35053 TO 35074 36053 TO 36074 -
      37053 TO 37074 38053 TO 38074 39053 TO 39074 GROUP PR4SLAB
$
$    SPAN 5 DECK
      MEMBERS 31075 TO 31090 32075 TO 32090 33075 TO 33090 -
      34075 TO 34090 35075 TO 35090 36075 TO 36090 -
      37075 TO 37090 38075 TO 38090 39075 TO 39090 GROUP SP5SLAB
$
$    PIER 5 DECK
      MEMBERS 31091 TO 31112 32091 TO 32112 33091 TO 33112 -
      34091 TO 34112 35091 TO 35112 36091 TO 36112 -
      37091 TO 37112 38091 TO 38112 39091 TO 39112 GROUP PR5SLAB
$
$    SPAN 6 DECK
      MEMBERS 31113 TO 31128 32113 TO 32128 33113 TO 33128 -
      34113 TO 34128 35113 TO 35128 36113 TO 36128 -
      37113 TO 37128 38113 TO 38128 39113 TO 39128 GROUP SP6SLAB
$
$    PIER 6 DECK
      MEMBERS 31129 TO 31150 32129 TO 32150 33129 TO 33150 -
      34129 TO 34150 35129 TO 35150 36129 TO 36150 -
      37129 TO 37150 38129 TO 38150 39129 TO 39150 GROUP PR6SLAB
$
$    SPAN 7 DECK
      MEMBERS 31151 TO 31164 32151 TO 32164 33151 TO 33164 -
      34151 TO 34164 35151 TO 35164 36151 TO 36164 -
      37151 TO 37164 38151 TO 38164 39151 TO 39164 GROUP SP7SLAB
$
$    PIER 7 DECK
      MEMBERS 31165 TO 31186 32165 TO 32186 33165 TO 33186 -
      34165 TO 34186 35165 TO 35186 36165 TO 36186 -
      37165 TO 37186 38165 TO 38186 39165 TO 39186 GROUP PR7SLAB
$
$    SPAN 8 DECK
      MEMBERS 31187 TO 31200 32187 TO 32200 33187 TO 33200 -
      34187 TO 34200 35187 TO 35200 36187 TO 36200 -
      37187 TO 37200 38187 TO 38200 39187 TO 39200 GROUP SP8SLAB
$
$    PIER 8 DECK
      MEMBERS 31201 TO 31222 32201 TO 32222 33201 TO 33222 -
      34201 TO 34222 35201 TO 35222 36201 TO 36222 -
      37201 TO 37222 38201 TO 38222 39201 TO 39222 GROUP PR8SLAB
$
$    SPAN 9 DECK
      MEMBERS 31223 TO 31234 32223 TO 32234 33223 TO 33235 -
      34223 TO 34234 35223 TO 35235 36223 TO 36234 -
      37223 TO 37236 38223 TO 38234 39223 TO 39236 GROUP SP9SLAB
$
$    PIER 9 DECK
      MEMBERS 31235 TO 31258 32235 TO 32253 33236 TO 33259 -
      34235 TO 34253 35236 TO 35259 36235 TO 36253 -
      37237 TO 37258 38235 TO 38253 39237 TO 39259 GROUP PR9SLAB
$
$    SPAN 10 DECK
      MEMBERS 31259 TO 31275 32254 TO 32267 33260 TO 33276 -
      34254 TO 34267 35260 TO 35276 36254 TO 36267 -
      37259 TO 37275 38254 TO 38267 39260 TO 39277 GROUP SP10SLAB
$
$    PIER 10 DECK 1 STRINGER
      MEMBERS 31276 TO 31280 32268 TO 32271 33277 TO 33282 -
      34268 TO 34271 35277 TO 35281 36268 TO 36271 -
      37276 TO 37280 38268 TO 38271 39278 TO 39281 GROUP PR10SLB1
$
$    PIER 10 DECK 2 STRINGERS
      MEMBERS 31281 TO 31293 32372 TO 32383 32572 TO 32583 -
      33283 TO 33297 34372 TO 34383 34572 TO 34583 35282 TO 35295 -
      36372 TO 36383 36572 TO 36583 37281 TO 37295 38372 TO 38383 -
      38572 TO 38583 39282 TO 39296 GROUP PR10SLB2
$
$    SPAN 11 DECK
      MEMBERS 31294 TO 31312 32384 TO 32400 32584 TO 32600 -
      33298 TO 33315 34384 TO 34400 34584 TO 34600 35296 TO 35312 -
      36384 TO 36399 36584 TO 36599 37296 TO 37310 38384 TO 38398 -
      38584 TO 38598 39297 TO 39311 GROUP SP11SLAB
$
$
$    COMPOSITE MEMBERS GROUPED BY POURING SEGMENTS
$
```

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$    SPAN 3 EXTERIOR
      MEMBERS 41000 TO 41015 49000 TO 49015 GROUP S3ECOMP
$
$    SPAN 3 INTERIOR
      MEMBERS 42000 TO 42015 43000 TO 43015 44000 TO 44015 -
      45000 TO 45015 46000 TO 46015 47000 TO 47015 48000 TO 48015 GROUP S3ICOMP
$
$    PIER 3 EXTERIOR
      MEMBERS 41016 TO 41038 49016 TO 49038 GROUP P3ECOMP
$
$    PIER 3 INTERIOR
      MEMBERS 42016 TO 42038 43016 TO 43038 -
      44016 TO 44038 45016 TO 45038 46016 TO 46038 -
      47016 TO 47038 48016 TO 48038 GROUP P3ICOMP
$
$    SPAN 4 EXTERIOR
      MEMBERS 41039 TO 41052 49039 TO 49052 GROUP S4ECOMP
$
$    SPAN 4 INTERIOR
      MEMBERS 42039 TO 42052 43039 TO 43052 -
      44039 TO 44052 45039 TO 45052 46039 TO 46052 -
      47039 TO 47052 48039 TO 48052 GROUP S4ICOMP
$
$    PIER 4 EXTERIOR
      MEMBERS 41053 TO 41074 49053 TO 49074 GROUP P4ECOMP
$
$    PIER 4 INTERIOR
      MEMBERS 42053 TO 42074 43053 TO 43074 -
      44053 TO 44074 45053 TO 45074 46053 TO 46074 -
      47053 TO 47074 48053 TO 48074 GROUP P4ICOMP
$
$    SPAN 5 EXTERIOR
      MEMBERS 41075 TO 41090 49075 TO 49090 GROUP S5ECOMP
$
$    SPAN 5 INTERIOR
      MEMBERS 42075 TO 42090 43075 TO 43090 -
      44075 TO 44090 45075 TO 45090 46075 TO 46090 -
      47075 TO 47090 48075 TO 48090 GROUP S5ICOMP
$
$    PIER 5 EXTERIOR
      MEMBERS 41091 TO 41112 49091 TO 49112 GROUP P5ECOMP
$
$    PIER 5 INTERIOR
      MEMBERS 42091 TO 42112 43091 TO 43112 -
      44091 TO 44112 45091 TO 45112 46091 TO 46112 -
      47091 TO 47112 48091 TO 48112 GROUP P5ICOMP
$
$    SPAN 6 EXTERIOR
      MEMBERS 41113 TO 41128 49113 TO 49128 GROUP S6ECOMP
$
$    SPAN 6 INTERIOR
      MEMBERS 42113 TO 42128 43113 TO 43128 -
      44113 TO 44128 45113 TO 45128 46113 TO 46128 -
      47113 TO 47128 48113 TO 48128 GROUP S6ICOMP
$
$    PIER 6 EXTERIOR
      MEMBERS 41129 TO 41150 49129 TO 49150 GROUP P6ECOMP
$
$    PIER 6 INTERIOR
      MEMBERS 42129 TO 42150 43129 TO 43150 -
      44129 TO 44150 45129 TO 45150 46129 TO 46150 -
      47129 TO 47150 48129 TO 48150 GROUP P6ICOMP
$
$    SPAN 7 EXTERIOR
      MEMBERS 41151 TO 41164 49151 TO 49164 GROUP S7ECOMP
$
$    SPAN 7 INTERIOR
      MEMBERS 42151 TO 42164 43151 TO 43164 -
      44151 TO 44164 45151 TO 45164 46151 TO 46164 -
      47151 TO 47164 48151 TO 48164 GROUP S7ICOMP
$
$    PIER 7 EXTERIOR
      MEMBERS 41165 TO 41186 49165 TO 49186 GROUP P7ECOMP
$
$    PIER 7 INTERIOR
      MEMBERS 42165 TO 42186 43165 TO 43186 -
      44165 TO 44186 45165 TO 45186 46165 TO 46186 -
      47165 TO 47186 48165 TO 48186 GROUP P7ICOMP
$
$    SPAN 8 EXTERIOR
      MEMBERS 41187 TO 41200 49187 TO 49200 GROUP S8ECOMP
$
$    SPAN 8 INTERIOR
      MEMBERS 42187 TO 42200 43187 TO 43200 -
      44187 TO 44200 45187 TO 45200 46187 TO 46200 -
      47187 TO 47200 48187 TO 48200 GROUP S8ICOMP
$
$    PIER 8 EXTERIOR
      MEMBERS 41201 TO 41222 49201 TO 49222 GROUP P8ECOMP
$
$    PIER 8 INTERIOR
      MEMBERS 42201 TO 42222 43201 TO 43222 -
      44201 TO 44222 45201 TO 45222 46201 TO 46222 -
      47201 TO 47222 48201 TO 48222 GROUP P8ICOMP
$
$    SPAN 9 EXTERIOR
      MEMBERS 41223 TO 41234 49223 TO 49236 GROUP S9ECOMP
$
$    SPAN 9 INTERIOR
      MEMBERS 42223 TO 42234 43223 TO 43235 -
      44223 TO 44234 45223 TO 45235 46223 TO 46234 -
      47223 TO 47236 48223 TO 48234 GROUP S9ICOMP
$
$    PIER 9 EXTERIOR
      MEMBERS 41235 TO 41258 49237 TO 49259 GROUP P9ECOMP
$
$    PIER 9 INTERIOR
      MEMBERS 42235 TO 42253 43236 TO 43259 -
```



```
      44235 TO 44253 45236 TO 45259 46235 TO 46253 -
      47237 TO 47258 48235 TO 48253 GROUP P9ICOMP
$
$    SPAN 10 EXTERIOR
      MEMBERS 41259 TO 41275 49260 TO 49277 GROUP S10ECOMP
$
$    SPAN 10 INTERIOR
      MEMBERS 42254 TO 42267 43260 TO 43276 -
      44254 TO 44267 45260 TO 45276 46254 TO 46267 -
      47259 TO 47275 48254 TO 48267 GROUP S10ICOMP
$
$    PIER 10 1 STRINGER EXTERIOR
      MEMBERS 41276 TO 41280 49278 TO 49281 GROUP P10ECMP1
$
$    PIER 10 1 STRINGER INTERIOR
      MEMBER 42268 TO 42271 43277 TO 43282 -
      44268 TO 44271 45277 TO 45281 46268 TO 46271 -
      47276 TO 47280 48268 TO 48271 GROUP P10ICMP1
$
$    PIER 10 2 STRINGERS EXTERIOR
      MEMBERS 41281 TO 41293 49282 TO 49296 GROUP P10ECMP2
$
$    PIER 10 2 STRINGERS INTERIOR
      MEMBERS 42372 TO 42383 42572 TO 42583 -
      43283 TO 43297 44372 TO 44383 44572 TO 44583 45282 TO 45295 -
      46372 TO 46383 46572 TO 46583 47281 TO 47295 48372 TO 48383 -
      48572 TO 48583 GROUP P10ICMP2
$
$    SPAN 11 EXTERIOR
      MEMBERS 41294 TO 41312 49297 TO 49311 GROUP S11ECOMP
$
$    SPAN 11 INTERIOR
      MEMBERS 42384 TO 42400 42584 TO 42600 -
      43298 TO 43315 44384 TO 44400 44584 TO 44600 45296 TO 45312 -
      46384 TO 46399 46584 TO 46599 47296 TO 47310 48384 TO 48398 -
      48584 TO 48598 GROUP S11ICOMP
$
$
$    COMPOSITE GIRDERS ONLY
      MEMBERS 41000 TO 41312 GROUP CG1 $ NON COMPOSITE GIRDER 1
      MEMBERS 43000 TO 43315 GROUP CG2 $ NON COMPOSITE GIRDER 2
      MEMBERS 45000 TO 45312 GROUP CG3 $ NON COMPOSITE GIRDER 3
      MEMBERS 47000 TO 47310 GROUP CG4 $ NON COMPOSITE GIRDER 4
      MEMBERS 49000 TO 49311 GROUP CG5 $ NON COMPOSITE GIRDER 5
$
$    COMPOSITE STRINGERS ONLY
      MEMBERS 42000 TO 42271 42372 TO 42400 42572 TO 42600 GROUP CS1
      MEMBERS 44000 TO 44271 44372 TO 44400 44572 TO 44600 GROUP CS2
      MEMBERS 46000 TO 46271 46372 TO 46399 46572 TO 46599 GROUP CS3
      MEMBERS 48000 TO 48271 48372 TO 48398 48572 TO 48598 GROUP CS4
$
$    SLAB ONLY
      MEMBERS 31000 TO 31312 33000 TO 33315 35000 TO 35312 37000 TO 37310 -
      39000 TO 39311 -
      32000 TO 32271 32372 TO 32400 32572 TO 32600 -
      34000 TO 34271 34372 TO 34400 34572 TO 34600 -
      36000 TO 36271 36372 TO 36399 36572 TO 36599 -
      38000 TO 38271 38372 TO 38398 38572 TO 38598 GROUP SLABONLY
$
$
$    STEEL ONLY PHASE 1-3
      MEMBERS 1089 TO 1312 3089 TO 3315 5089 TO 5312 7089 TO 7310 -
      9089 TO 9311 -
      2089 TO 2271 2372 TO 2400 2572 TO 2600 -
      4089 TO 4271 4372 TO 4400 4572 TO 4600 -
      6089 TO 6271 6372 TO 6399 6572 TO 6599 -
      8089 TO 8271 8372 TO 8398 8572 TO 8598 -
      10312 TO 11133 -
      21441 21461 21481 21501 21521 21541 21443 21463 21483 21503 21523 21543 -
      21445 21465 21485 21505 21525 21545 21446 21466 21486 21506 21526 21546 -
      21448 21468 21488 21508 21528 21548 21450 21470 21490 21510 21530 21550 -
      21452 21472 21492 21512 21532 21552 21453 21473 21493 21513 21533 21553 -
      21455 21475 21495 21515 21535 21555 21457 21477 21497 21517 21537 21557 -
      22441 22461 22481 22501 22521 22541 22443 22463 22483 22503 22523 22543 -
      22445 22465 22485 22505 22525 22545 22446 22466 22486 22506 22526 22546 -
      22452 22472 22492 22512 22532 22552 22453 22473 22493 22513 22533 22553 -
      22455 22475 22495 22515 22535 22555 22457 22477 22497 22517 22537 22557 -
      23441 23461 23481 23501 23521 23541 23443 23463 23483 23503 23523 23543 -
      23445 23465 23485 23505 23525 23545 23446 23466 23486 23506 23526 23546 -
      23448 23468 23488 23508 23528 23548 23450 23470 23490 23510 23530 23550 -
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      24455 24475 24495 24515 24535 24555 24457 24477 24497 24517 24537 24557 -
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      25445 25465 25485 25505 25525 25545 25446 25466 25486 25506 25526 25546 -
      25448 25468 25488 25508 25528 25548 25450 25470 25490 25510 25530 25550 -
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      26452 26472 26492 26512 26532 26552 26453 26473 26493 26513 26533 26553 -
      26455 26475 26495 26515 26535 26555 26457 26477 26497 26517 26537 26557 -
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      27445 27465 27485 27505 27525 27545 27446 27466 27486 27506 27526 27546 -
      27448 27468 27488 27508 27528 27548 27450 27470 27490 27510 27530 27550 -
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      55452 55472 55492 55512 55532 55552 55453 55473 55493 55513 55533 55553 -
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      57452 57472 57492 57512 57532 57552 57453 57473 57493 57513 57533 57553 -
      57455 57475 57495 57515 57535 57555 57457 57477 57497 57517 57537 57557 -
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      58445 58465 58485 58505 58525 58545 58446 58466 58486 58506 58526 58546 -
      58452 58472 58492 58512 58532 58552 58453 58473 58493 58513 58533 58553 -
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      1440 TO 1457 3440 TO 3457 5440 TO 5457 7440 TO 7457 9440 TO 9457 -
      1460 TO 1477 3460 TO 3477 5460 TO 5477 7460 TO 7477 9460 TO 9477 -
      1480 TO 1497 3480 TO 3497 5480 TO 5497 7480 TO 7497 9480 TO 9497 -
      1500 TO 1517 3500 TO 3517 5500 TO 5517 7500 TO 7517 9500 TO 9517 -
      1520 TO 1537 3520 TO 3537 5520 TO 5537 7520 TO 7537 9520 TO 9537 -
      1540 TO 1557 3540 TO 3557 5540 TO 5557 7540 TO 7557 -
      9540 TO 9557 -
      101449 103449 105449 107449 109449 101509 103509 105509 107509 109509 -
      101529 103529 105529 107529 109529 101549 103549 105549 107549 109549 -
      101313 103316 105313 107311 109312 GROUP PHASE1
$
      MEMBERS 2000 TO 2076 4000 TO 4076 6000 TO 6076 8000 TO 8076 -
      1000 TO 1076 3000 TO 3076 5000 TO 5076 7000 TO 7076 9000 TO 9076 -
      1400 TO 1417 1420 TO 1437 3400 TO 3417 3420 TO 3437 -
      5400 TO 5417 5420 TO 5437 7400 TO 7417 7420 TO 7437 -
      9400 TO 9417 9420 TO 9437 10000 TO 10263 -
      101000 103000 105000 107000 109000 -
      101409 103409 105409 107409 109409 -
      101429 103429 105429 107429 109429 -
      21401 21421 21403 21423 21405 21425 21406 21426 21408 21428 21410 21430 -
      21412 21432 21413 21433 21415 21435 21417 21437 22401 22421 22403 22423 -
      22405 22425 22406 22426 22412 22432 22413 22433 22415 22435 22417 22437 -
      23401 23421 23403 23423 23405 23425 23406 23426 23408 23428 23410 23430 -
      23412 23432 23413 23433 23415 23435 23417 23437 24401 24421 24403 24423 -
      24405 24425 24406 24426 24412 24432 24413 24433 24415 24435 24417 24437 -
      25401 25421 25403 25423 25405 25425 25406 25426 25408 25428 25410 25430 -
      25412 25432 25413 25433 25415 25435 25417 25437 26401 26421 26403 26423 -
      26405 26425 26406 26426 26412 26432 26413 26433 26415 26435 26417 26437 -
      27401 27421 27403 27423 27405 27425 27406 27426 27408 27428 27410 27430 -
      27412 27432 27413 27433 27415 27435 27417 27437 28401 28421 28403 28423 -
      28405 28425 28406 28426 28412 28432 28413 28433 28415 28435 28417 28437 -
      51401 51421 51403 51423 51405 51425 51406 51426 51412 51432 51413 51433 -
      51415 51435 51417 51437 52401 52421 52403 52423 52405 52425 52406 52426 -
      52412 52432 52413 52433 52415 52435 52417 52437 53401 53421 53403 53423 -
      53405 53425 53406 53426 53412 53432 53413 53433 53415 53435 53417 53437 -
      54401 54421 54403 54423 54405 54425 54406 54426 54412 54432 54413 54433 -
      54415 54435 54417 54437 55401 55421 55403 55423 55405 55425 55406 55426 -
      55412 55432 55413 55433 55415 55435 55417 55437 56401 56421 56403 56423 -
      56405 56425 56406 56426 56412 56432 56413 56433 56415 56435 56417 56437 -
      57401 57421 57403 57423 57405 57425 57406 57426 57412 57432 57413 57433 -
      57415 57435 57417 57437 58401 58421 58403 58423 58405 58425 58406 58426 -
      58412 58432 58413 58433 58415 58435 58417 58437 GROUP PHASE4

      MEMBERS 1088 3088 5088 7088 9088 2088 4088 6088 8088 GROUP CLOSURE
      MEMBERS 600000 TO 600019 GROUP PIER6
      MEMBERS 700000 TO 700019 GROUP PIER7
      MEMBERS 1077 TO 1087 2077 TO 2087 3077 TO 3087 4077 TO 4087 5077 TO 5087 -
              6077 TO 6087 7077 TO 7087 8077 TO 8087 9077 TO 9087 -
              10264 TO 10311 GROUP SPAN5
$
$ END OF INCLUDE FILE
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$ Created By:  David Glastetter     Date: 10-28-10
$ Checked By:  Mark Currie          Date:  2/14/11
$ Project: Cleveland Innerbelt
$
$    DJG      07-16-11       REVISED FOR LATERAL BRACING CHANGE
$
$                3 DIMENSIONAL MODEL FOR DEAD LOAD DEFLECTION
$                AND CAMBER
$ Job Number: 49633
$
$
TYPE SPACE FRAME
$
MESH INCIDENCES
$
$     GIRDER 1
$
      1000  1000  1001 REPEAT 313 INCR 1 1 1
$
$     SLAB ON GIRDER 1
      31000 1000 1001 REPEAT 313 INCR 1 1 1
$
$     COMPOSITE GIRDER 1
      41000 1000 1001 REPEAT 313 INCR 1 1 1
$
$     STRINGER 1
      2000  2000  2001 REPEAT 272 INCR 1 1 1
      2372  2372  2373 REPEAT 29 INCR 1 1 1
      2572  2572  2573 REPEAT 29 INCR 1 1 1
$
$     SLAB ON STRINGER 1
      32000  2000  2001 REPEAT 272 INCR 1 1 1
      32372  2372  2373 REPEAT 29 INCR 1 1 1
      32572  2572  2573 REPEAT 29 INCR 1 1 1
$
$     COMPOSITE STRINGER 1
      42000  2000  2001 REPEAT 272 INCR 1 1 1
      42372  2372  2373 REPEAT 29 INCR 1 1 1
      42572  2572  2573 REPEAT 29 INCR 1 1 1
$
$     GIRDER 2
      3000  3000  3001 REPEAT 316 INCR 1 1 1
$
$     SLAB ON GIRDER 2
      33000  3000  3001 REPEAT 316 INCR 1 1 1
$
$     COMPOSITE GIRDER 2
      43000  3000  3001 REPEAT 316 INCR 1 1 1
$
$     STRINGER 2
      4000  4000  4001 REPEAT 272 INCR 1 1 1
      4372  4372  4373 REPEAT 29 INCR 1 1 1
      4572  4572  4573 REPEAT 29 INCR 1 1 1
$
$     SLAB ON STRINGER 2
      34000  4000  4001 REPEAT 272 INCR 1 1 1
      34372  4372  4373 REPEAT 29 INCR 1 1 1
      34572  4572  4573 REPEAT 29 INCR 1 1 1
$
$     COMPOSITE STRINGER 2
      44000  4000  4001 REPEAT 272 INCR 1 1 1
      44372  4372  4373 REPEAT 29 INCR 1 1 1
      44572  4572  4573 REPEAT 29 INCR 1 1 1
$
$     GIRDER 3
      5000  5000  5001 REPEAT 313 INCR 1 1 1
$
$     SLAB ON GIRDER 3
      35000  5000  5001 REPEAT 313 INCR 1 1 1
$
$     COMPOSITE GIRDER 3
      45000  5000  5001 REPEAT 313 INCR 1 1 1
$
$     STRINGER 3
      6000  6000  6001 REPEAT 272 INCR 1 1 1
      6372  6372  6373 REPEAT 28 INCR 1 1 1
      6572  6572  6573 REPEAT 28 INCR 1 1 1
$
$     SLAB ON STRINGER 3
      36000  6000  6001 REPEAT 272 INCR 1 1 1
      36372  6372  6373 REPEAT 28 INCR 1 1 1
      36572  6572  6573 REPEAT 28 INCR 1 1 1
$
$     COMPOSITE GIRDER 3
      46000  6000  6001 REPEAT 272 INCR 1 1 1
      46372  6372  6373 REPEAT 28 INCR 1 1 1
      46572  6572  6573 REPEAT 28 INCR 1 1 1
$
$     GIRDER 4
      7000  7000  7001 REPEAT 311 INCR 1 1 1
$
$     SLAB ON GIRDER 4
      37000  7000  7001 REPEAT 311 INCR 1 1 1
$
$     COMPOSITE GIRDER 4
      47000  7000  7001 REPEAT 311 INCR 1 1 1
$
$     STRINGER 4
      8000  8000  8001 REPEAT 272 INCR 1 1 1
      8372  8372  8373 REPEAT 27 INCR 1 1 1
      8572  8572  8573 REPEAT 27 INCR 1 1 1
$
$     SLAB ON STRINGER 4
      38000  8000  8001 REPEAT 272 INCR 1 1 1
      38372  8372  8373 REPEAT 27 INCR 1 1 1
      38572  8572  8573 REPEAT 27 INCR 1 1 1
$
$     COMPOSITE STRINGER 4
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      48000  8000  8001 REPEAT 272 INCR 1 1 1
      48372  8372  8373 REPEAT 27 INCR 1 1 1
      48572  8572  8573 REPEAT 27 INCR 1 1 1
$
$     GIRDER 5
      9000  9000  9001 REPEAT 312 INCR 1 1 1
$
$     SLAB ON GIRDER 5
      39000  9000  9001 REPEAT 312 INCR 1 1 1
$
$     COMPOSITE GIRDER 5
      49000  9000  9001 REPEAT 312 INCR 1 1 1
MEMBER INCIDENCES
$
$
TYPE PLANE FRAME
$     DIAPHRAGMS
      10000  1000  2000
      10001  2000  3000
      10002  3000  4000
      10003  4000  5000
      10004  5000  6000
      10005  6000  7000
      10006  7000  8000
      10007  8000  9000
      10008  1002  2002
      10009  2002  3002
      10010  3002  4002
      10011  4002  5002
      10012  5002  6002
      10013  6002  7002
      10014  7002  8002
      10015  8002  9002
      10016  1004  2004
      10017  2004  3004
      10018  3004  4004
      10019  4004  5004
      10020  5004  6004
      10021  6004  7004
      10022  7004  8004
      10023  8004  9004
      10024  1006  2006
      10025  2006  3006
      10026  3006  4006
      10027  4006  5006
      10028  5006  6006
      10029  6006  7006
      10030  7006  8006
      10031  8006  9006
      10032  1008  2008
      10033  2008  3008
      10034  3008  4008
      10035  4008  5008
      10036  5008  6008
      10037  6008  7008
      10038  7008  8008
      10039  8008  9008
      10040  1010  2010
      10041  2010  3010
      10042  3010  4010
      10043  4010  5010
      10044  5010  6010
      10045  6010  7010
      10046  7010  8010
      10047  8010  9010
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      10049  2012  3012
      10050  3012  4012
      10051  4012  5012
      10052  5012  6012
      10053  6012  7012
      10054  7012  8012
      10055  8012  9012
      10056  1014  2014
      10057  2014  3014
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      10060  5014  6014
      10061  6014  7014
      10062  7014  8014
      10063  8014  9014
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      10065  2016  3016
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      10067  4016  5016
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      10069  6016  7016
      10070  7016  8016
      10071  8016  9016
      10072  1018  2018
      10073  2018  3018
      10074  3018  4018
      10075  4018  5018
      10076  5018  6018
      10077  6018  7018
      10078  7018  8018
      10079  8018  9018
      10080  1020  2020
      10081  2020  3020
      10082  3020  4020
      10083  4020  5020
      10084  5020  6020
      10085  6020  7020
      10086  7020  8020
      10087  8020  9020
      10088  1023  2023
      10089  2023  3023
      10090  3023  4023
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10103	8026	9026
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10128	1038	2038
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10150	7042	8042
10151	8042	9042
10152	1044	2044
10153	2044	3044
10154	3044	4044
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23481 REFZ 3483
24481 REFZ 24483
25481 REFZ 5483
26481 REFZ 26483
27481 REFZ 7483
28481 REFZ 28483
21483 REFZ 1485
22483 REFZ 22485
23483 REFZ 3485
24483 REFZ 24485
25483 REFZ 5485
26483 REFZ 26485
27483 REFZ 7485
28483 REFZ 28485
21485 REFZ 1486
22485 REFZ 22486
23485 REFZ 3486
24485 REFZ 24486
25485 REFZ 5486
26485 REFZ 26486
27485 REFZ 7486
28485 REFZ 28486
21486 REFZ 1485
22486 REFZ 22485
23486 REFZ 3485
24486 REFZ 24485
25486 REFZ 5485
26486 REFZ 26485
27486 REFZ 7485
28486 REFZ 28485
21488 REFZ 1486
23488 REFZ 3486
25488 REFZ 5486
27488 REFZ 7486
21490 REFZ 1492
23490 REFZ 3492
25490 REFZ 5492
27490 REFZ 7492
21492 REFZ 1493
22492 REFZ 22493
23492 REFZ 3493
24492 REFZ 24493
25492 REFZ 5493
26492 REFZ 26493
27492 REFZ 7493
28492 REFZ 28493
21493 REFZ 1492
22493 REFZ 22492
23493 REFZ 3492
24493 REFZ 24492
25493 REFZ 5492
26493 REFZ 26492
27493 REFZ 7492
28493 REFZ 28492
21495 REFZ 1493
22495 REFZ 22493
23495 REFZ 3493
24495 REFZ 24493
25495 REFZ 5493
26495 REFZ 26493
27495 REFZ 7493
28495 REFZ 28493
21497 REFZ 1495
22497 REFZ 22495
23497 REFZ 3495
24497 REFZ 24495
25497 REFZ 5495
26497 REFZ 26495
27497 REFZ 7495
28497 REFZ 28495
21501 REFZ 1503
22501 REFZ 22503
23501 REFZ 3503
24501 REFZ 24503
25501 REFZ 5503
26501 REFZ 26503
27501 REFZ 7503
28501 REFZ 28503
21503 REFZ 1505
22503 REFZ 22505
23503 REFZ 3505
24503 REFZ 24505
25503 REFZ 5505
26503 REFZ 26505
27503 REFZ 7505
28503 REFZ 28505
21505 REFZ 1506
22505 REFZ 22506
23505 REFZ 3506
24505 REFZ 24506
25505 REFZ 5506
26505 REFZ 26506
27505 REFZ 7506
28505 REFZ 28506
21506 REFZ 1505
22506 REFZ 22505
```



```
23506 REFZ 3505
24506 REFZ 24505
25506 REFZ 5505
26506 REFZ 26505
27506 REFZ 7505
28506 REFZ 28505
21508 REFZ 1506
23508 REFZ 3506
25508 REFZ 5506
27508 REFZ 7506
21510 REFZ 1512
23510 REFZ 3512
25510 REFZ 5512
27510 REFZ 7512
21512 REFZ 1513
22512 REFZ 22513
23512 REFZ 3513
24512 REFZ 24513
25512 REFZ 5513
26512 REFZ 26513
27512 REFZ 7513
28512 REFZ 28513
21513 REFZ 1512
22513 REFZ 22512
23513 REFZ 3512
24513 REFZ 24512
25513 REFZ 5512
26513 REFZ 26512
27513 REFZ 7512
28513 REFZ 28512
21515 REFZ 1513
22515 REFZ 22513
23515 REFZ 3513
24515 REFZ 24513
25515 REFZ 5513
26515 REFZ 26513
27515 REFZ 7513
28515 REFZ 28513
21517 REFZ 1515
22517 REFZ 22515
23517 REFZ 3515
24517 REFZ 24515
25517 REFZ 5515
26517 REFZ 26515
27517 REFZ 7515
28517 REFZ 28515
21521 REFZ 1523
22521 REFZ 22523
23521 REFZ 3523
24521 REFZ 24523
25521 REFZ 5523
26521 REFZ 26523
27521 REFZ 7523
28521 REFZ 28523
21523 REFZ 1525
22523 REFZ 22525
23523 REFZ 3525
24523 REFZ 24525
25523 REFZ 5525
26523 REFZ 26525
27523 REFZ 7525
28523 REFZ 28525
21525 REFZ 1526
22525 REFZ 22526
23525 REFZ 3526
24525 REFZ 24526
25525 REFZ 5526
26525 REFZ 26526
27525 REFZ 7526
28525 REFZ 28526
21526 REFZ 1525
22526 REFZ 22525
23526 REFZ 3525
24526 REFZ 24525
25526 REFZ 5525
26526 REFZ 26525
27526 REFZ 7525
28526 REFZ 28525
21528 REFZ 1526
23528 REFZ 3526
25528 REFZ 5526
27528 REFZ 7526
21530 REFZ 1532
23530 REFZ 3532
25530 REFZ 5532
27530 REFZ 7532
21532 REFZ 1533
22532 REFZ 22533
23532 REFZ 3533
24532 REFZ 24533
25532 REFZ 5533
26532 REFZ 26533
27532 REFZ 7533
28532 REFZ 28533
21533 REFZ 1532
22533 REFZ 22532
23533 REFZ 3532
24533 REFZ 24532
25533 REFZ 5532
26533 REFZ 26532
27533 REFZ 7532
28533 REFZ 28532
21535 REFZ 1533
22535 REFZ 22533
23535 REFZ 3533
24535 REFZ 24533
25535 REFZ 5533
26535 REFZ 26533
```

```
      27535 REFZ 7533
      28535 REFZ 28533
      21537 REFZ 1535
      22537 REFZ 22535
      23537 REFZ 3535
      24537 REFZ 24535
      25537 REFZ 5535
      26537 REFZ 26535
      27537 REFZ 7535
      28537 REFZ 28535
      21541 REFZ 1543
      22541 REFZ 22543
      23541 REFZ 3543
      24541 REFZ 24543
      25541 REFZ 5543
      26541 REFZ 26543
      27541 REFZ 7543
      28541 REFZ 28543
      21543 REFZ 1545
      22543 REFZ 22545
      23543 REFZ 3545
      24543 REFZ 24545
      25543 REFZ 5545
      26543 REFZ 26545
      27543 REFZ 7545
      28543 REFZ 28545
      21545 REFZ 1546
      22545 REFZ 22546
      23545 REFZ 3546
      24545 REFZ 24546
      25545 REFZ 5546
      26545 REFZ 26546
      27545 REFZ 7546
      28545 REFZ 28546
      21546 REFZ 1545
      22546 REFZ 22545
      23546 REFZ 3545
      24546 REFZ 24545
      25546 REFZ 5545
      26546 REFZ 26545
      27546 REFZ 7545
      28546 REFZ 28545
      21548 REFZ 1546
      23548 REFZ 3546
      25548 REFZ 5546
      27548 REFZ 7546
      21550 REFZ 1552
      23550 REFZ 3552
      25550 REFZ 5552
      27550 REFZ 7552
      21552 REFZ 1553
      22552 REFZ 22553
      23552 REFZ 3553
      24552 REFZ 24553
      25552 REFZ 5553
      26552 REFZ 26553
      27552 REFZ 7553
      28552 REFZ 28553
      21553 REFZ 1552
      22553 REFZ 22552
      23553 REFZ 3552
      24553 REFZ 24552
      25553 REFZ 5552
      26553 REFZ 26552
      27553 REFZ 7552
      28553 REFZ 28552
      21555 REFZ 1553
      22555 REFZ 22553
      23555 REFZ 3553
      24555 REFZ 24553
      25555 REFZ 5553
      26555 REFZ 26553
      27555 REFZ 7553
      28555 REFZ 28553
      21557 REFZ 1555
      22557 REFZ 22555
      23557 REFZ 3555
      24557 REFZ 24555
      25557 REFZ 5555
      26557 REFZ 26555
      27557 REFZ 7555
      28557 REFZ 28555
$
INACTIVE MEMBERS
      11119 11120 11121
$
$   END OF INCLUDE FILE
```

FORM DQP 2.01-1
LEVEL 1 CHECK PRINT SIGN-OFF SHEET

Client Name:	**Ohio Department of Transportation**
Job Title:	**Cleveland Innerbelt Design-Build Contract**
Job Number:	**CUY-90-14.90**
Document Title:	Unit 2 - Walsh C.W. check - T187 Include files

Check Level (Mark One):

- [ ] 1A 100% Document Check
- [X] 1B 100% Input Check

Enter description below:

	Print Name	Signature	Date
[X] Originator	David Glastetter		5/1/12
[X] Checker	SARAH LARSON	Sarah Larson	5-9-12
[X] Backchecker	David Glastetter		5/9/12
[X] Updater	David Glastetter		5/9/12
[X] Validater	SARAH LARSON	Sarah Larson	5-9-12

Insert an "X" in the box to indicate a required QC activity.

```
$ Created By:  Derek Butler     Date: 120810
$ Checked By:  Mark Currie      Date: 2/11/11
$ Project: Cleveland Innerbelt
$
$                 3 DIMENSIONAL MODEL FOR DEAD LOAD DEFLECTION
$                 AND CAMBER
$ Job Number: 49633
$
UNITS KIPS FEET
$
JOINT COORDINATES
$ PIER 5
$      50000  1098.04  56.09  -241.89
$      51449  1098.19  56.09  -237.39
$      52000  1098.68  56.09  -222.40
$      53449  1098.83  56.09  -217.90
$      55449  1099.47  56.09  -198.41
$      57449  1100.11  56.09  -178.92
$      58000  1100.26  56.09  -174.42
$      59449  1100.75  56.09  -159.43
$      59999  1100.90  56.09  -154.93
$      52100  1098.68  -27.57  -222.40
$      58100  1100.26  -27.57  -174.42
$      51447  1098.19  61.59  -237.39
$      51448  1098.19  61.59  -237.39
$      53447  1098.83  61.59  -217.90
$      53448  1098.83  61.59  -217.90
$      55447  1099.47  61.59  -198.41
$      55448  1099.47  61.59  -198.41
$      57447  1100.11  61.59  -178.92
$      57448  1100.11  61.59  -178.92
$      59447  1100.75  61.59  -159.43
$      59448  1100.75  61.59  -159.43
$
$
$
$
$
$ PIER 6
      60000  1479.57  56.09  -247.70
      61469  1479.58  56.09  -243.62
      62000  1479.58  56.09  -228.20
      63469  1479.59  56.09  -223.93
      65469  1479.60  56.09  -204.21
      67469  1479.61  56.09  -184.48
      68000  1479.62  56.09  -180.20
      69469  1479.63  56.09  -164.77
      69999  1479.64  56.09  -160.70
      62100  1479.58  -23.76  -228.20
      68100  1479.62  -23.76  -180.20
      61467  1479.58  61.59  -243.62
      61468  1479.58  61.59  -243.62
      63467  1479.59  61.59  -223.93
      63468  1479.59  61.59  -223.93
      65467  1479.60  61.59  -204.21
      65468  1479.60  61.59  -204.21
      67467  1479.61  61.59  -184.48
      67468  1479.61  61.59  -184.48
      69467  1479.63  61.59  -164.77
      69468  1479.63  61.59  -164.77
$
$
$
$
$
$ PIER 7
      70000  1829.58  56.09  -254.89
      71489  1829.58  56.09  -250.81
      72000  1829.59  56.09  -231.89
      73489  1829.59  56.09  -229.52
      75489  1829.60  56.09  -208.04
      77489  1829.61  56.09  -186.38
      78000  1829.61  56.09  -183.89
      79489  1829.62  56.09  -164.96
      79999  1829.62  56.09  -160.89
      72100  1829.59  -21.92  -231.89
      78100  1829.61  -21.92  -183.89
      71487  1829.58  61.59  -250.81
      71488  1829.58  61.59  -250.81
      73487  1829.59  61.59  -229.52
      73488  1829.59  61.59  -229.52
      75487  1829.60  61.59  -208.04
      75488  1829.60  61.59  -208.04
      77487  1829.61  61.59  -186.38
      77488  1829.61  61.59  -186.38
      79487  1829.62  61.59  -164.96
      79488  1829.62  61.59  -164.96
$
$
$
$
$
$ PIER 8
$      80000  2179.98  56.09  -262.03
$      81509  2179.96  56.09  -258.00
$      82000  2179.83  56.09  -253.53
$      83509  2179.82  56.09  -235.12
$      85509  2179.69  56.09  -211.87
$      87509  2179.55  56.09  -188.27
$      88000  2179.55  56.09  -187.54
$      89509  2179.42  56.09  -165.07
$      89999  2179.40  56.09  -161.04
$      82100  2179.83  -17.26  -253.53
$      88100  2179.55  -17.26  -187.54
$      81507  2179.96  61.59  -258.00
$      81508  2179.96  61.59  -258.00
$      83507  2179.82  61.59  -235.12
$      83508  2179.82  61.59  -235.12
```



```
$      85507  2179.69  61.59  -211.87
$      85508  2179.69  61.59  -211.87
$      87507  2179.55  61.59  -188.27
$      87508  2179.55  61.59  -188.27
$      89507  2179.42  61.59  -165.07
$      89508  2179.42  61.59  -165.07
$
$
$
$
$

  SUPPORT JOINTS 62100 72100 DX DY DZ RX RY RZ
  SUPPORT JOINTS 68100 78100 DX DY DZ RX RY RZ
$ END OF INCLUDE FILE
$
```

```
$ Created By:  David Glastetter     Date: 10-28-10
$ Checked By:  Mark Currie        Date: 2/12/11
$ Project: Cleveland Innerbelt
$
$                 3 DIMENSIONAL MODEL FOR DEAD LOAD DEFLECTION
$                 AND CAMBER
$ Job Number: 49633
$
UNITS KIPS FEET
$
TYPE SPACE FRAME
$
MEMBER INCIDENCES
$
$ PIER 5
$      500000  50000  51449
$      500001  51449  52000
$      500002  52000  53449
$      500003  53449  55449
$      500004  55449  57449
$      500005  57449  58000
$      500006  58000  59449
$      500007  59449  59999
$      500008  52000  52100
$      500009  58000  58100
$      500010  1449  51447
$      500011  51448  53449
$      500012  3449  53447
$      500013  53448  57449
$      500014  5449  55447
$      500015  55448  55449
$      500016  7449  57447
$      500017  57448  57449
$      500018  9449  59447
$      500019  59448  59449
$
$
$
$
$
$
$
$ PIER 6
      600000  60000  61469
      600001  61469  62000
      600002  62000  63469
      600003  63469  65469
      600004  65469  67469
      600005  67469  68000
      600006  68000  69469
      600007  69469  69999
      600008  62000  62100
      600009  68000  68100
      600010  1469  61467
      600011  61468  61469
      600012  3469  63467
      600013  63468  63469
      600014  5469  65467
      600015  65468  65469
      600016  7469  67467
      600017  67468  67469
      600018  9469  69467
      600019  69468  69469
$
$
$
$
$
$
$ PIER 7
      700000  70000  71489
      700001  71489  72000
      700002  72000  73489
      700003  73489  75489
      700004  75489  77489
      700005  77489  78000
      700006  78000  79489
      700007  79489  79999
      700008  72000  72100
      700009  78000  78100
      700010  1489  71487
      700011  71488  71489
      700012  3489  73487
      700013  73488  73489
      700014  5489  75487
      700015  75488  75489
      700016  7489  77487
      700017  77488  77489
      700018  9489  79487
      700019  79488  79489
$
$
$
$
$
$
$ PIER 8
$      800000  80000  81509
$      800001  81509  82000
$      800002  82000  83509
$      800003  83509  85509
$      800004  85509  87509
$      800005  87509  88000
$      800006  88000  89509
$      800007  89509  89999
$      800008  82000  82100
$      800009  88000  88100
$      800010  1509  81507
$      800011  81508  83509
```



```
$      800012  3509  83507
$      800013  83508  87509
$      800014  5509  85507
$      800015  85508  85509
$      800016  7509  87507
$      800017  87508  87509
$      800018  9509  89507
$      800019  89508  89509
$
$TIE NODES 51447 51448 DX DY DZ RY
$TIE NODES 53447 53448 DX DY DZ RY
$TIE NODES 55447 55448 DX DY DZ RY
$TIE NODES 57447 57448 DX DY DZ RY
$TIE NODES 59447 59448 DX DY DZ RY
$
TIE NODES 61467 61468 DX DY DZ RY
TIE NODES 63467 63468 DX DY DZ RY
TIE NODES 65467 65468 DX DY DZ RY
TIE NODES 67467 67468 DX DY DZ RY
TIE NODES 69467 69468 DX DY DZ RY
$
TIE NODES 71487 71488 DX DY DZ RY
TIE NODES 73487 73488 DX DY DZ RY
TIE NODES 75487 75488 DX DY DZ RY
TIE NODES 77487 77488 DX DY DZ RY
TIE NODES 79487 79488 DX DY DZ RY
$
$TIE NODES 81507 81508 DX DY DZ RY
$TIE NODES 83507 83508 DX DY DZ RY
$TIE NODES 85507 85508 DX DY DZ RY
$TIE NODES 87507 87508 DX DY DZ RY
$TIE NODES 89507 89508 DX DY DZ RY
$
$ END OF INCLUDE FILE
$
```

```
$-------------------------------------------------------------------------$
$  THE FOLLOWING IS THE SUBSTRUCTURE SECTION PROPERTIES INPUT              $
$                                                                         $
$                                                                         $
$                                                                         $
$                                                                         $
$    TO INCLUDE THESE MEMBERS AND THEIR SECTION PROPERTIES                $
$    USE THE COMMAND                                                      $
$ "INCLUDE UNIT 2 3D ANALYSIS MODEL SECTION PROP PIER.dat"                $
$  IN THE ANALYSIS FILE                                                   $
$                                                                         $
$-------------------------------------------------------------------------$
$
$-------------------------------------------------------------
$  Revisions:
$  Initials   Date           Reason
$  DSB        12-07-2010     File created
$  MCC        02-12-11       Checked
$
$
$
$-------------------------------------------------------------
$
UNIT KIP FEET
SECTION PROPERTIES
$       TABLE 100000 RECT WIDTH 5.5 DEPTH 5.0 $ PIER 2 CAP
$       TABLE 110000 AX 29.88 IX 100.0 IY 91.51 IZ 57.56 $ PIER 2 COLUMNS
       TABLE 200000 RECT WIDTH 12.0 DEPTH 11.0 $ PIER 3-11 CAP
       TABLE 210000 AX 100.0 IX 2106.7 IY 2233.3 IZ 1553.3 $ PIER 3-11 COLUMNS
       TABLE 220000 AX 100000.0 IX 100000.0 IY 100000.0 IZ 100000.0 $ MEMBERS CONNECTING SUPER TO SUB
$
MEMBER PROPERTIES
$       500000 TO 500007 TABLE 200000 $ PIER 5 CAP
$       500008 TO 500009 TABLE 210000 $ PIER 5 COL
$       500010 TO 500019 TABLE 220000 $ PIER 5 BRG
       600000 TO 600007 TABLE 200000 $ PIER 6 CAP
       600008 TO 600009 TABLE 210000 $ PIER 6 COL
       600010 TO 600019 TABLE 220000 $ PIER 6 BRG
       700000 TO 700007 TABLE 200000 $ PIER 7 CAP
       700008 TO 700009 TABLE 210000 $ PIER 7 COL
       700010 TO 700019 TABLE 220000 $ PIER 7 BRG
$       800000 TO 800007 TABLE 200000 $ PIER 8 CAP
$       800008 TO 800009 TABLE 210000 $ PIER 8 COL
$       800010 TO 800019 TABLE 220000 $ PIER 8 BRG

$END OF INCLUDE FILE
```

```
$ Created By:  David Glastetter     Date: 10-28-10
$
$ Project: Cleveland Innerbelt
$
$                  3 DIMENSIONAL MODEL FOR CLEVELAND INNERBELT
$
$ Job Number: 49633
$
UNITS KIPS FEET
$
TYPE SPACE FRAME
$
$     COMPOSITE GIRDER 1
COMPOSITE MEMBER 41000 1000 31000 REPEAT 313
$
$     COMPOSITE STRINGER 1
COMPOSITE MEMBER 42000  2000  32000 REPEAT 272
COMPOSITE MEMBER 42372  2372  32372 REPEAT 29
COMPOSITE MEMBER 42572  2572  32572 REPEAT 29
$
$     COMPOSITE GIRDER 2
COMPOSITE MEMBER 43000  3000  33000 REPEAT 316
$
$     COMPOSITE STRINGER 2
COMPOSITE MEMBER 44000  4000  34000 REPEAT 272
COMPOSITE MEMBER 44372  4372  34372 REPEAT 29
COMPOSITE MEMBER 44572  4572  34572 REPEAT 29
$
$     COMPOSITE GIRDER 3
COMPOSITE MEMBER 45000  5000  35000 REPEAT 313
$
$     COMPOSITE STRINGER 3
COMPOSITE MEMBER 46000  6000  36000 REPEAT 272
COMPOSITE MEMBER 46372  6372  36372 REPEAT 28
COMPOSITE MEMBER 46572  6572  36572 REPEAT 28
$
$     COMPOSITE GIRDER 4
COMPOSITE MEMBER 47000  7000  37000 REPEAT 311
$
$     COMPOSITE STRINGER 4
COMPOSITE MEMBER 48000  8000  38000 REPEAT 272
COMPOSITE MEMBER 48372  8372  48372 REPEAT 27
COMPOSITE MEMBER 48572  8572  38572 REPEAT 27
$
$     COMPOSITE GIRDER 5
COMPOSITE MEMBER 49000  9000  39000 REPEAT 312
$
```

```
$-------------------------------------------------------------------------$
$  THE FOLLOWING IS THE MATERIAL PROPERTIES INPUT                         $
$                                                                         $
$                                                                         $
$                                                                         $
$                                                                         $
$    TO INCLUDE THESE MEMBERS AND THEIR MATERIAL PROPERTIES               $
$    USE THE COMMAND                                                      $
$ "INCLUDE UNIT 2 3D ANALYSIS MODEL MATERIAL PROP.dat" IN THE ANALYSIS FILE $
$                                                                         $
$-------------------------------------------------------------------------$
$
$-----------------------------------------------------------
$  Revisions:
$  Initials   Date          Reason
$  DJG        12-02-2010    File created
$  MCC        02-12-11      Checked
$  DJG        03-05-2011    Changed Detail Factor to 8%
$  DJG        05-30-2011    Changed Detail Factor to 25%
$
$
$-----------------------------------------------------------
$
UNIT KIP INCHES
MATERIAL PROPERTIES
       1    STEEL    50.00 DENS 0.000354    $ STEEL WITH 25% DETAIL FACTOR
       2    CONCRETE 4.50 EM 3823.0 DENS 0.0  $ CONCRETE NO DENS (WT APPL'D ELSEWHERE)
       3    STEEL    50.00 DENS 0.000 EM 29000.0    $ STEEL NO WEIGHT
$
$END OF INCLUDE FILE
```

```
$ Created By:  David Glastetter     Date: 102810
$ Checked By:  Mark Currie          Date: 3/10/11
$    DJG      07-16-11       REVISED FOR LATERAL BRACING CHANGE
$
$ Project: Cleveland Innerbelt
$
$                 3 DIMENSIONAL MODEL FOR DEAD LOAD DEFLECTION
$                 AND CAMBER
$ Job Number: 49633
$
UNITS KIPS FEET
$
JOINT COORDINATES
$
$     JOINTS ALONG GIRDER 1
$
     101000 42.89 90.00 -156.56
     1000  42.89  100.00  -156.56
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2390	3041.36	100.00	-165.51
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2392	3065.12	100.00	-159.83
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$
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      3247  2517.62  100.00  -226.77
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      3249  2537.18  100.00  -225.24
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      3262  2640.90  100.00  -215.19
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      3265  2671.40  100.00  -211.61
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      3267  2694.27  100.00  -208.73
      3268  2705.78  100.00  -207.22
      3269  2717.12  100.00  -205.70
      3270  2729.21  100.00  -204.03
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      3275  2767.82  100.00  -198.40
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    103316 3163.40 90.00 -113.63
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      4003  86.98  100.00  -129.72
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      4006  123.15  100.00  -134.33
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      4010  171.39  100.00  -140.28
      4011  183.46  100.00  -141.74
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      4013  207.60  100.00  -144.59
      4014  219.67  100.00  -145.99
      4015  235.86  100.00  -147.87
      4016  244.06  100.00  -148.82
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      105313 3145.82 90.00 -86.59
$
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      7278  2790.78  100.00  -136.82
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      7280  2811.35  100.00  -133.14
      7281  2823.33  100.00  -130.93
      7282  2835.51  100.00  -128.64
      7283  2846.77  100.00  -126.49
      7284  2857.28  100.00  -124.45
      7285  2866.81  100.00  -122.56
      7286  2874.82  100.00  -120.95
      7287  2882.02  100.00  -119.49
      7288  2889.87  100.00  -117.88
      7289  2902.26  100.00  -115.30
      7290  2913.03  100.00  -113.02
      7291  2920.23  100.00  -111.47
      7292  2928.74  100.00  -109.63
      7293  2932.91  100.00  -108.71
      7294  2939.88  100.00  -107.17
      7295  2948.27  100.00  -105.30
      7296  2955.15  100.00  -103.75
      7297  2965.86  100.00  -101.30
      7298  2976.96  100.00  -98.73
      7299  2987.89  100.00  -96.16
      7300  3000.15  100.00  -93.23
      7301  3011.99  100.00  -90.35
      7302  3023.30  100.00  -87.56
      7303  3035.70  100.00  -84.46
      7304  3046.41  100.00  -81.74
      7305  3057.60  100.00  -78.86
      7306  3069.47  100.00  -75.76
      7307  3080.96  100.00  -72.72
      7308  3092.49  100.00  -69.62
      7309  3104.07  100.00  -66.47
      7310  3115.46  100.00  -63.32
      7311  3128.34  100.00  -59.71
     107311 3128.34 90.00 -59.71
$
$$    JOINTS FOR STRINGER 4
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      8002  81.08  100.00  -83.64
      8003  93.07  100.00  -85.27
      8004  105.05  100.00  -86.91
      8005  117.05  100.00  -88.49
      8006  129.04  100.00  -90.07
      8007  141.04  100.00  -91.65
      8008  153.03  100.00  -93.23
      8009  165.03  100.00  -94.75
      8010  177.03  100.00  -96.27
      8011  189.04  100.00  -97.79
      8012  201.04  100.00  -99.31
      8013  213.05  100.00  -100.77
      8014  225.06  100.00  -102.23
      8015  240.64  100.00  -104.13
      8016  248.83  100.00  -105.13
      8017  260.50  100.00  -106.49
      8018  273.66  100.00  -108.02
      8019  286.08  100.00  -109.47
      8020  298.49  100.00  -110.92
      8021  307.93  100.00  -111.97
      8022  315.64  100.00  -112.83
      8023  323.34  100.00  -113.69
      8024  331.29  100.00  -114.58
      8025  339.24  100.00  -115.46
      8026  347.19  100.00  -116.35
      8027  353.16  100.00  -116.99
      8028  359.12  100.00  -117.62
      8029  365.09  100.00  -118.26
      8030  371.06  100.00  -118.89
      8031  379.01  100.00  -119.74
      8032  386.97  100.00  -120.59
      8033  394.92  100.00  -121.43
      8034  402.63  100.00  -122.22
      8035  410.34  100.00  -123.00
      8036  419.79  100.00  -123.96
      8037  432.23  100.00  -125.22
      8038  444.66  100.00  -126.48
      8039  457.85  100.00  -127.75
      8040  469.55  100.00  -128.88
      8041  477.76  100.00  -129.67
      8042  492.96  100.00  -131.14
      8043  504.80  100.00  -132.22
      8044  516.65  100.00  -133.30
      8045  528.49  100.00  -134.38
      8046  540.33  100.00  -135.47
      8047  552.17  100.00  -136.49
      8048  564.02  100.00  -137.52
      8049  575.86  100.00  -138.54
      8050  587.71  100.00  -139.57
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      8052  611.15  100.00  -141.48
      8053  622.87  100.00  -142.43
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      8055  648.54  100.00  -144.47
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      8057  670.47  100.00  -146.15
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      8063  715.85  100.00  -149.47
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      8065  727.82  100.00  -150.32
      8066  733.80  100.00  -150.75
      8067  741.79  100.00  -151.28
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8077	840.84	100.00	-157.54
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8079	865.82	100.00	-158.95
8080	876.98	100.00	-159.59
8081	888.14	100.00	-160.17
8082	899.31	100.00	-160.75
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8092	1014.49	100.00	-166.09
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8095	1048.96	100.00	-167.39
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8097	1064.45	100.00	-167.98
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8106	1128.42	100.00	-170.03
8107	1136.41	100.00	-170.26
8108	1144.16	100.00	-170.49
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8121	1290.19	100.00	-173.57
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8124	1324.56	100.00	-173.97
8125	1335.73	100.00	-174.08
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8129	1380.37	100.00	-174.38
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8165	1730.37	100.00	-175.37
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8168	1768.62	100.00	-175.48
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8193	1994.58	100.00	-176.16
8194	2004.55	100.00	-176.19
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8196	2024.49	100.00	-176.25
8197	2035.49	100.00	-176.28
8198	2046.49	100.00	-176.31
8199	2060.24	100.00	-176.35
8200	2068.48	100.00	-176.38
8201	2080.23	100.00	-176.41
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8204	2118.48	100.00	-176.53
8205	2127.98	100.00	-176.56
8206	2135.73	100.00	-176.58
8207	2143.48	100.00	-176.60
8208	2151.48	100.00	-176.61
8209	2159.48	100.00	-176.62
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8213	2185.48	100.00	-176.65
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8215	2199.48	100.00	-176.61
8216	2207.48	100.00	-176.56
8217	2215.48	100.00	-176.51
8218	2223.23	100.00	-176.46
8219	2230.98	100.00	-176.41
8220	2240.48	100.00	-176.35
8221	2252.97	100.00	-176.03
8222	2265.47	100.00	-175.71
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8238	2445.61	100.00	-166.52
8239	2461.45	100.00	-165.22
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8248	2548.15	100.00	-156.95
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8250	2572.50	100.00	-154.25
8251	2583.53	100.00	-152.94
8252	2593.97	100.00	-151.69
8253	2605.99	100.00	-150.26
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8256	2639.72	100.00	-145.85
8257	2651.28	100.00	-144.32
8258	2662.57	100.00	-142.74
8259	2674.19	100.00	-141.05
8260	2685.38	100.00	-139.42
8261	2694.36	100.00	-138.12
8262	2708.18	100.00	-135.95
8263	2720.75	100.00	-133.98
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8265	2743.63	100.00	-130.25
8266	2756.20	100.00	-128.12
8267	2766.53	100.00	-126.36
8268	2774.81	100.00	-124.96
8269	2787.33	100.00	-122.75
8270	2797.60	100.00	-120.85
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8378	2888.10	100.00	-108.16
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8380	2911.18	100.00	-103.25
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      8580  2909.33  100.00  -93.56
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      8587  2983.38  100.00  -76.64
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      8589  3007.37  100.00  -70.73
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      8591  3031.00  100.00  -64.82
      8592  3041.68  100.00  -62.03
      8593  3052.54  100.00  -59.20
      8594  3064.59  100.00  -56.06
      8595  3076.08  100.00  -52.99
      8596  3087.44  100.00  -49.86
      8597  3098.97  100.00  -46.68
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$
$     JOINTS FOR GIRDER 5
$
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      9014  226.40  100.00  -91.32
      9015  241.83  100.00  -93.21
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      9074  808.38  100.00  -145.42
      9075  821.60  100.00  -146.25
      9076  833.33  100.00  -146.96
      9077  841.56  100.00  -147.45
      9078  855.25  100.00  -148.26
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      9080  877.54  100.00  -149.53
      9081  888.69  100.00  -150.14
      9082  899.84  100.00  -150.75
      9083  911.83  100.00  -151.38
      9084  923.81  100.00  -152.00
      9085  934.96  100.00  -152.56
      9086  946.11  100.00  -153.11
      9087  957.27  100.00  -153.65
      9088  968.42  100.00  -154.18
      9089  981.59  100.00  -154.78
      9090  989.84  100.00  -155.15
      9091  1001.57  100.00  -155.66
      9092  1014.81  100.00  -156.22
      9093  1027.30  100.00  -156.74
      9094  1039.79  100.00  -157.23
      9095  1049.28  100.00  -157.60
      9096  1057.03  100.00  -157.89
      9097  1064.77  100.00  -158.18
      9098  1072.77  100.00  -158.47
      9099  1080.76  100.00  -158.75
      9100  1088.76  100.00  -159.03
      9101  1094.76  100.00  -159.23
      9102  1100.75  100.00  -159.43
      9103  1106.75  100.00  -159.63
      9104  1112.75  100.00  -159.82
      9105  1120.74  100.00  -160.07
      9106  1128.74  100.00  -160.31
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      9108  1144.48  100.00  -160.77
      9109  1152.23  100.00  -160.99
      9110  1161.73  100.00  -161.25
      9111  1174.22  100.00  -161.58
      9112  1186.72  100.00  -161.89
      9113  1199.96  100.00  -162.20
      9114  1211.71  100.00  -162.46
      9115  1219.96  100.00  -162.63
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      9149  1553.13  100.00  -164.81
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      9155  1623.63  100.00  -164.85
      9156  1634.63  100.00  -164.85
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      9167  1756.12  100.00  -164.92
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      9185  1903.12  100.00  -165.00
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      9188  1940.62  100.00  -165.02
      9189  1948.87  100.00  -165.02
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      9205  2127.92  100.00  -165.12
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      9211  2173.42  100.00  -165.10
      9212  2179.42  100.00  -165.07
      9213  2185.42  100.00  -165.03
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      9216  2207.41  100.00  -164.80
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      9220  2240.41  100.00  -164.19
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      9227  2324.46  100.00  -161.21
      9228  2335.82  100.00  -160.66
      9229  2347.17  100.00  -160.06
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      9232  2379.50  100.00  -158.17
      9233  2382.57  100.00  -157.97
      9234  2392.08  100.00  -157.35
      9235  2399.45  100.00  -156.85
      9236  2405.66  100.00  -156.41
      9237  2415.48  100.00  -155.71
      9238  2424.79  100.00  -155.01
      9239  2433.70  100.00  -154.32
      9240  2437.60  100.00  -154.01
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      9244  2468.32  100.00  -151.41
      9245  2478.73  100.00  -150.47
      9246  2487.86  100.00  -149.62
      9247  2498.36  100.00  -148.61
      9248  2507.40  100.00  -147.71
      9249  2516.84  100.00  -146.75
      9250  2526.92  100.00  -145.70
      9251  2536.74  100.00  -144.64
      9252  2546.43  100.00  -143.57
      9253  2549.57  100.00  -143.22
      9254  2559.01  100.00  -142.15
      9255  2570.77  100.00  -140.77
      9256  2581.33  100.00  -139.50
      9257  2592.23  100.00  -138.15
      9258  2596.99  100.00  -137.55
      9259  2607.01  100.00  -136.27
      9260  2613.68  100.00  -135.40
      9261  2616.82  100.00  -134.99
      9262  2628.18  100.00  -133.47
      9263  2637.96  100.00  -132.13
      9264  2649.59  100.00  -130.49
      9265  2660.79  100.00  -128.89
      9266  2672.43  100.00  -127.17
      9267  2683.60  100.00  -125.50
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      9269  2696.86  100.00  -123.45
      9270  2706.38  100.00  -121.96
      9271  2716.62  100.00  -120.31
      9272  2724.66  100.00  -119.00
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      9288  2874.16  100.00  -91.09
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      9292  2911.56  100.00  -83.05
      9293  2919.38  100.00  -81.31
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      9295  2931.08  100.00  -78.68
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      9310  3096.45  100.00  -36.89
      9311  3107.67  100.00  -33.74
      9312  3110.86  100.00  -32.83
     109312 3110.86 90.00 -32.83
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$      GIRDER 1
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      1403  308.03  81.18  -187.59
      1404  314.84  78.94  -188.36
      1405  321.60  76.54  -189.12
      1406  334.93  71.27  -190.61
      1407  343.01  67.74  -191.50
      1408  348.03  65.42  -192.05
      1409  350.96  64.76  -192.37
      1410  353.89  65.42  -192.69
      1411  358.91  67.74  -193.24
      1412  366.99  71.27  -194.11
      1413  380.33  76.54  -195.54
      1414  387.09  78.94  -196.25
      1415  393.90  81.18  -196.97
      1416  404.33  84.25  -198.05
      1417  407.68  85.15  -198.36
$
$
      1421  659.75  85.15  -218.24
      1422  663.11  84.25  -218.46
      1423  673.57  81.18  -219.14
      1424  680.40  78.94  -219.58
      1425  687.19  76.54  -220.01
      1426  700.58  71.27  -220.85
      1427  708.69  67.74  -221.35
      1428  713.73  65.42  -221.65
      1429  716.67  64.76  -221.83
      1430  719.62  65.42  -222.01
      1431  724.66  67.74  -222.31
      1432  732.77  71.27  -222.78
      1433  746.16  76.54  -223.56
      1434  752.95  78.94  -223.95
      1435  759.79  81.18  -224.33
      1436  770.26  84.25  -224.91
      1437  773.62  85.15  -225.09
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      1441  1041.16  85.15  -236.00
      1442  1044.53  84.25  -236.09
      1443  1055.01  81.18  -236.37
      1444  1061.85  78.94  -236.54
      1445  1068.65  76.54  -236.71
      1446  1082.07  71.27  -237.03
      1447  1090.19  67.74  -237.22
      1448  1095.24  65.42  -237.33
      1449  1098.18  64.76  -237.39
      1450  1101.13  65.42  -237.49
      1451  1106.18  67.74  -237.65
      1452  1114.30  71.27  -237.91
      1453  1127.71  76.54  -238.32
      1454  1134.51  78.94  -238.52
      1455  1141.33  81.18  -238.72
      1456  1151.83  84.25  -239.01
      1457  1155.20  85.15  -239.10
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      1461  1422.55  85.15  -242.74
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      1463  1436.40  81.18  -242.75
      1464  1443.25  78.94  -242.87
      1465  1450.05  76.54  -243.01
      1466  1463.46  71.27  -243.29
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      1468  1476.63  65.42  -243.56
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      1484  1793.25  78.94  -250.06
      1485  1800.05  76.54  -250.20
      1486  1813.46  71.27  -250.48
      1487  1821.58  67.74  -250.64
      1488  1826.63  65.42  -250.75
      1489  1829.58  64.76  -250.81
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      1491  1837.58  67.74  -250.97
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      1493  1859.11  76.54  -251.41
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      1497  1886.61  85.15  -251.98
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      1502  2126.30  84.25  -256.90
      1503  2136.77  81.18  -257.11
      1504  2143.62  78.94  -257.25
      1505  2150.42  76.54  -257.39
      1506  2163.84  71.27  -257.67
      1507  2171.96  67.74  -257.84
      1508  2177.01  65.42  -257.94
      1509  2179.96  64.76  -258.00
      1510  2182.90  65.42  -258.06
      1511  2187.95  67.74  -258.17
      1512  2196.07  71.27  -258.33
      1513  2209.49  76.54  -258.61
      1514  2216.29  78.94  -258.75
      1515  2223.14  81.18  -258.89
      1516  2233.61  84.25  -259.10
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      1523  2486.92  81.18  -254.74
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      1528  2527.09  65.42  -252.25
      1529  2530.03  64.76  -252.04
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      1541  2826.57  85.15  -217.90
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      1543  2840.24  81.18  -215.66
      1544  2847.00  78.94  -214.54
      1545  2853.70  76.54  -213.40
      1546  2866.92  71.27  -211.12
      1547  2874.92  67.74  -209.72
      1548  2879.90  65.42  -208.84
      1549  2882.80  64.76  -208.32
      1550  2885.65  65.44  -207.80
      1551  2890.67  67.89  -206.89
      1552  2898.22  71.36  -205.51
      1553  2911.05  76.64  -203.12
      1554  2917.56  79.03  -201.88
      1555  2924.13  81.25  -200.62
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      3402  299.86  84.25  -165.95
      3403  310.28  81.18  -167.05
      3404  317.09  78.94  -167.76
      3405  323.86  76.54  -168.46
      3406  337.20  71.27  -169.84
      3407  345.28  67.74  -170.66
      3408  350.31  65.42  -171.16
      3409  353.24  64.76  -171.46
      3410  356.18  65.42  -171.75
      3411  361.20  67.74  -172.26
      3412  369.29  71.27  -173.06
      3413  382.64  76.54  -174.37
      3414  389.41  78.94  -175.03
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      3422  664.59  84.25  -197.76
      3423  675.05  81.18  -198.47
      3424  681.88  78.94  -198.93
      3425  688.67  76.54  -199.38
      3426  702.06  71.27  -200.26
      3427  710.16  67.74  -200.78
      3428  715.20  65.42  -201.10
      3429  718.15  64.76  -201.28
      3430  721.09  65.42  -201.47
      3431  726.13  67.74  -201.78
      3432  734.24  71.27  -202.29
      3433  747.63  76.54  -203.10
      3434  754.42  78.94  -203.50
      3435  761.26  81.18  -203.91
      3436  771.72  84.25  -204.52
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      3441  1041.81  85.15  -216.35
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      3462  1425.93  84.25  -223.24
      3463  1436.41  81.18  -223.25
      3464  1443.26  78.94  -223.35
      3465  1450.06  76.54  -223.45
      3466  1463.47  71.27  -223.67
      3467  1471.59  67.74  -223.80
      3468  1476.64  65.42  -223.88
      3469  1479.59  64.76  -223.93
      3470  1482.54  65.42  -223.97
      3471  1487.59  67.74  -224.05
      3472  1495.71  71.27  -224.18
      3473  1509.13  76.54  -224.40
      3474  1515.93  78.94  -224.51
      3475  1522.78  81.18  -224.62
      3476  1533.26  84.25  -224.78
      3477  1536.63  85.15  -224.84
$
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      3481  1772.56  85.15  -228.61
      3482  1775.93  84.25  -228.66
      3483  1786.41  81.18  -228.83
      3484  1793.26  78.94  -228.94
      3485  1800.05  76.54  -229.05
      3486  1813.47  71.27  -229.26
      3487  1821.59  67.74  -229.39
      3488  1826.64  65.42  -229.47
      3489  1829.59  64.76  -229.52
      3490  1832.54  65.42  -229.57
      3491  1837.59  67.74  -229.65
      3492  1845.71  71.27  -229.78
      3493  1859.13  76.54  -229.99
      3494  1865.93  78.94  -230.10
      3495  1872.77  81.18  -230.21
      3496  1883.25  84.25  -230.38
      3497  1886.62  85.15  -230.43
$
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      3502  2126.16  84.25  -234.26
      3503  2136.64  81.18  -234.43
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      3505  2150.29  76.54  -234.64
      3506  2163.70  71.27  -234.86
      3507  2171.82  67.74  -234.99
      3508  2176.87  65.42  -235.07
      3509  2179.82  64.76  -235.12
      3510  2182.77  65.42  -235.16
      3511  2187.82  67.74  -235.24
      3512  2195.94  71.27  -235.37
      3513  2209.36  76.54  -235.59
      3514  2216.16  78.94  -235.70
      3515  2223.01  81.18  -235.81
      3516  2233.49  84.25  -235.97
      3517  2236.86  85.15  -236.02
$
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      3522  2468.64  84.25  -230.10
      3523  2479.10  81.18  -229.45
      3524  2485.94  78.94  -229.01
      3525  2492.72  76.54  -228.55
      3526  2506.11  71.27  -227.62
      3527  2514.21  67.74  -227.03
      3528  2519.24  65.42  -226.65
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      3530  2525.13  65.42  -226.20
      3531  2530.16  67.74  -225.81
      3532  2538.26  71.27  -225.16
      3533  2551.63  76.54  -224.04
      3534  2558.40  78.94  -223.45
      3535  2565.23  81.18  -222.85
      3536  2575.66  84.25  -221.90
      3537  2579.02  85.15  -221.58
$
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      3542  2812.83  84.25  -191.24
      3543  2823.17  81.18  -189.51
      3544  2829.92  78.94  -188.36
      3545  2836.62  76.54  -187.21
      3546  2849.84  71.27  -184.89
      3547  2857.84  67.74  -183.46
      3548  2862.80  65.42  -182.56
      3549  2865.71  64.76  -182.03
      3550  2868.56  65.44  -181.51
      3551  2873.58  67.89  -180.59
      3552  2881.12  71.36  -179.18
      3553  2893.95  76.64  -176.75
      3554  2900.45  79.03  -175.50
      3555  2907.01  81.25  -174.22
      3556  2917.04  84.24  -172.24
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$
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      103429 718.15 54.76 -201.28
      103449 1098.83 54.76 -217.90
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      103549 2865.71 54.76 -182.03
$
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      5404  319.45  78.94  -146.13
      5405  326.22  76.54  -146.85
      5406  339.56  71.27  -148.26
      5407  347.64  67.74  -149.11
      5408  352.66  65.42  -149.63
      5409  355.59  64.76  -149.93
      5410  358.53  65.42  -150.24
      5411  363.55  67.74  -150.75
      5412  371.63  71.27  -151.58
      5413  384.98  76.54  -152.93
      5414  391.75  78.94  -153.60
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      5417  412.35  85.15  -155.63
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      5429  719.62  64.76  -180.74
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      5443  1056.30  81.18  -197.14
      5444  1063.14  78.94  -197.36
      5445  1069.94  76.54  -197.57
      5446  1083.35  71.27  -197.96
      5447  1091.47  67.74  -198.19
      5448  1096.52  65.42  -198.33
      5449  1099.47  64.76  -198.41
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      5463  1436.42  81.18  -203.75
      5464  1443.27  78.94  -203.81
      5465  1450.07  76.54  -203.89
      5466  1463.48  71.27  -204.04
      5467  1471.60  67.74  -204.12
      5468  1476.65  65.42  -204.18
      5469  1479.60  64.76  -204.21
      5470  1482.55  65.42  -204.24
      5471  1487.60  67.74  -204.30
      5472  1495.73  71.27  -204.39
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      5474  1515.94  78.94  -204.61
      5475  1522.79  81.18  -204.68
      5476  1533.27  84.25  -204.80
      5477  1536.64  85.15  -204.84
$
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      5482  1775.94  84.25  -207.45
      5483  1786.41  81.18  -207.57
      5484  1793.26  78.94  -207.64
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      5486  1813.48  71.27  -207.86
      5487  1821.60  67.74  -207.95
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      5489  1829.60  64.76  -208.04
      5490  1832.55  65.42  -208.07
      5491  1837.60  67.74  -208.13
      5492  1845.72  71.27  -208.22
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      5505  2150.15  76.54  -211.55
      5506  2163.57  71.27  -211.69
      5507  2171.69  67.74  -211.78
      5508  2176.74  65.42  -211.84
      5509  2179.69  64.76  -211.87
      5510  2182.64  65.42  -211.90
      5511  2187.69  67.74  -211.96
      5512  2195.81  71.27  -212.04
      5513  2209.23  76.54  -212.19
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      5534  2550.49  78.94  -197.41
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      5536  2567.74  84.25  -195.73
      5537  2571.09  85.15  -195.40
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      5543  2806.09  81.18  -163.34
      5544  2812.84  78.94  -162.17
      5545  2819.53  76.54  -160.99
      5546  2832.74  71.27  -158.63
      5547  2840.73  67.74  -157.18
      5548  2845.70  65.42  -156.27
      5549  2848.60  64.76  -155.73
      5550  2851.45  65.44  -155.20
      5551  2856.47  67.89  -154.26
      5552  2864.01  71.36  -152.83
      5553  2876.82  76.64  -150.37
      5554  2883.32  79.03  -149.10
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      5556  2899.91  84.24  -145.80
      5557  2903.16  85.11  -145.14
$
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      105429 719.62 54.76 -180.74
      105449 1099.47 54.76 -198.41
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      105529 2514.29 54.76 -200.64
      105549 2848.60 54.76 -155.73
$
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      7402  304.59  84.25  -122.59
      7403  315.01  81.18  -123.75
      7404  321.82  78.94  -124.50
      7405  328.58  76.54  -125.24
      7406  341.91  71.27  -126.69
      7407  349.99  67.74  -127.56
      7408  355.01  65.42  -128.10
      7409  357.94  64.76  -128.41
      7410  360.88  65.42  -128.72
      7411  365.90  67.74  -129.25
      7412  373.98  71.27  -130.10
      7413  387.32  76.54  -131.49
      7414  394.09  78.94  -132.18
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      7416  411.33  84.25  -133.93
      7417  414.68  85.15  -134.27
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      7425  691.63  76.54  -158.12
      7426  705.01  71.27  -159.07
      7427  713.11  67.74  -159.64
      7428  718.15  65.42  -159.99
      7429  721.10  64.76  -160.19
      7430  724.04  65.42  -160.39
      7431  729.08  67.74  -160.74
      7432  737.18  71.27  -161.29
      7433  750.57  76.54  -162.18
      7434  757.35  78.94  -162.62
      7435  764.19  81.18  -163.06
      7436  774.65  84.25  -163.73
      7437  778.01  85.15  -163.94
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      7442  1046.47  84.25  -177.16
      7443  1056.94  81.18  -177.53
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      7456  1153.76  84.25  -180.54
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      7489  1829.61  64.76  -186.38
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      7491  1837.61  67.74  -186.42
      7492  1845.74  71.27  -186.46
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      7508  2176.60  65.42  -188.26
      7509  2179.55  64.76  -188.27
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      7516  2233.22  84.25  -188.56
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      7523  2463.31  81.18  -178.34
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      7526  2490.29  71.27  -176.12
      7527  2498.38  67.74  -175.42
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      7530  2509.28  65.42  -174.43
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      7549  2831.48  64.76  -129.41
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      7552  2846.88  71.36  -126.47
      7553  2859.69  76.64  -123.97
      7554  2866.19  79.03  -122.68
      7555  2872.74  81.25  -121.37
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      9404  324.18  78.94  -102.87
      9405  330.94  76.54  -103.63
      9406  344.27  71.27  -105.12
      9407  352.34  67.74  -106.01
      9408  357.36  65.42  -106.56
      9409  360.30  64.76  -106.88
      9410  363.23  65.42  -107.20
      9411  368.25  67.74  -107.75
      9412  376.32  71.27  -108.62
      9413  389.67  76.54  -110.04
      9414  396.43  78.94  -110.76
      9415  403.24  81.18  -111.48
      9416  413.66  84.25  -112.56
      9417  417.02  85.15  -112.91
$
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      9421  665.69  85.15  -135.40
      9422  669.05  84.25  -135.66
      9423  679.50  81.18  -136.46
      9424  686.33  78.94  -136.98
      9425  693.11  76.54  -137.49
      9426  706.49  71.27  -138.48
      9427  714.59  67.74  -139.07
      9428  719.63  65.42  -139.43
      9429  722.57  64.76  -139.65
      9430  725.51  65.42  -139.86
      9431  730.55  67.74  -140.22
      9432  738.65  71.27  -140.79
      9433  752.04  76.54  -141.72
      9434  758.82  78.94  -142.18
      9435  765.66  81.18  -142.64
      9436  776.11  84.25  -143.34
      9437  779.48  85.15  -143.56
$
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$
      9461  1422.59  85.15  -164.74
      9462  1425.96  84.25  -164.74
      9463  1436.44  81.18  -164.75
      9464  1443.29  78.94  -164.75
      9465  1450.09  76.54  -164.75
      9466  1463.50  71.27  -164.76
      9467  1471.63  67.74  -164.77
      9468  1476.68  65.42  -164.77
      9469  1479.63  64.76  -164.77
      9470  1482.58  65.42  -164.77
      9471  1487.63  67.74  -164.77
      9472  1495.75  71.27  -164.78
      9473  1509.17  76.54  -164.79
      9474  1515.97  78.94  -164.79
      9475  1522.82  81.18  -164.79
      9476  1533.30  84.25  -164.80
```

```
      9477  1536.67  85.15  -164.80
$
$
      9481  1772.58  85.15  -164.93
      9482  1775.96  84.25  -164.93
      9483  1786.43  81.18  -164.93
      9484  1793.28  78.94  -164.94
      9485  1800.08  76.54  -164.94
      9486  1813.50  71.27  -164.95
      9487  1821.62  67.74  -164.95
      9488  1826.67  65.42  -164.96
      9489  1829.62  64.76  -164.96
      9490  1832.57  65.42  -164.96
      9491  1837.62  67.74  -164.96
      9492  1845.75  71.27  -164.97
      9493  1859.16  76.54  -164.97
      9494  1865.96  78.94  -164.98
      9495  1872.81  81.18  -164.98
      9496  1883.30  84.25  -164.99
      9497  1886.66  85.15  -164.99
$
$
      9501  2122.38  85.15  -165.11
      9502  2125.75  84.25  -165.12
      9503  2136.23  81.18  -165.12
      9504  2143.08  78.94  -165.12
      9505  2149.88  76.54  -165.13
      9506  2163.29  71.27  -165.13
      9507  2171.42  67.74  -165.11
      9508  2176.47  65.42  -165.09
      9509  2179.42  64.76  -165.07
      9510  2182.37  65.42  -165.06
      9511  2187.42  67.74  -165.02
      9512  2195.54  71.27  -164.94
      9513  2208.95  76.54  -164.78
      9514  2215.75  78.94  -164.67
      9515  2222.60  81.18  -164.56
      9516  2233.08  84.25  -164.35
      9517  2236.45  85.15  -164.28
$
$
      9521  2441.54  85.15  -153.69
      9522  2444.90  84.25  -153.41
      9523  2455.35  81.18  -152.54
      9524  2462.17  78.94  -151.95
      9525  2468.94  76.54  -151.35
      9526  2482.31  71.27  -150.14
      9527  2490.39  67.74  -149.38
      9528  2495.42  65.42  -148.89
      9529  2498.36  64.76  -148.61
      9530  2501.29  65.42  -148.32
      9531  2506.32  67.74  -147.82
      9532  2514.40  71.27  -147.00
      9533  2527.74  76.54  -145.61
      9534  2534.50  78.94  -144.89
      9535  2541.31  81.18  -144.14
      9536  2551.73  84.25  -142.98
      9537  2555.08  85.15  -142.60
$
$
      9541  2758.24  85.15  -113.32
      9542  2761.56  84.25  -112.74
      9543  2771.88  81.18  -110.91
      9544  2778.62  78.94  -109.70
      9545  2785.32  76.54  -108.49
      9546  2798.51  71.27  -106.06
      9547  2806.49  67.74  -104.56
      9548  2811.46  65.42  -103.62
      9549  2814.35  64.76  -103.07
      9550  2817.20  65.44  -102.52
      9551  2822.21  67.89  -101.56
      9552  2829.74  71.36  -100.09
      9553  2842.55  76.64  -97.56
      9554  2849.04  79.03  -96.25
      9555  2855.59  81.25  -94.93
      9556  2865.61  84.24  -92.87
      9557  2868.85  85.11  -92.20
$
      109409 360.30 54.76 -106.88
      109429 722.57 54.76 -139.64
      109449 1100.75 54.76 -159.43
      109509 2179.42 54.76 -165.07
      109529 2498.36 54.76 -148.61
      109549 2814.35 54.76 -103.07
$
$ INTERMEDIATE JOINTS FOR LATERAL BRACING
$
      22401  295.39  85.15  -175.81
      22403  309.16  81.18  -177.32
      22405  322.73  76.54  -178.79
      22406  336.07  71.27  -180.22
      22412  368.14  71.27  -183.58
      22413  381.48  76.54  -184.95
      22415  395.07  81.18  -186.33
      22417  408.85  85.15  -187.68
      22421  660.49  85.15  -207.88
      22423  674.31  81.18  -208.81
      22425  687.93  76.54  -209.70
      22426  701.32  71.27  -210.55
      22432  733.50  71.27  -212.54
      22433  746.90  76.54  -213.33
      22435  760.52  81.18  -214.12
      22437  774.35  85.15  -214.90
      22441  1041.48  85.15  -226.18
      22443  1055.33  81.18  -226.56
      22445  1068.97  76.54  -226.93
      22446  1082.39  71.27  -227.26
      22452  1114.62  71.27  -228.16
```



```
      22453  1128.03  76.54  -228.57
      22455  1141.66  81.18  -228.97
      22457  1155.52  85.15  -229.36
      22461  1422.56  85.15  -232.99
      22463  1436.41  81.18  -233.00
      22465  1450.05  76.54  -233.23
      22466  1463.47  71.27  -233.48
      22472  1495.71  71.27  -234.07
      22473  1509.12  76.54  -234.31
      22475  1522.77  81.18  -234.56
      22477  1536.62  85.15  -234.81
      22481  1772.55  85.15  -239.12
      22483  1786.40  81.18  -239.37
      22485  1800.05  76.54  -239.62
      22486  1813.47  71.27  -239.87
      22492  1845.70  71.27  -240.46
      22493  1859.12  76.54  -240.70
      22495  1872.77  81.18  -240.95
      22497  1886.62  85.15  -241.20
      22501  2122.86  85.15  -245.52
      22503  2136.71  81.18  -245.77
      22505  2150.35  76.54  -246.02
      22506  2163.77  71.27  -246.26
      22512  2196.01  71.27  -246.85
      22513  2209.42  76.54  -247.10
      22515  2223.07  81.18  -247.35
      22517  2236.92  85.15  -247.60
      22521  2469.19  85.15  -242.89
      22523  2483.01  81.18  -242.09
      22525  2496.64  76.54  -241.25
      22526  2510.03  71.27  -240.37
      22532  2542.18  71.27  -238.02
      22533  2555.56  76.54  -236.96
      22535  2569.16  81.18  -235.81
      22537  2582.96  85.15  -234.60
      22541  2818.04  85.15  -204.85
      22543  2831.70  81.18  -202.59
      22545  2845.16  76.54  -200.31
      22546  2858.38  71.27  -198.01
      22552  2889.67  71.36  -192.35
      22553  2902.50  76.64  -189.93
      22555  2915.57  81.25  -187.42
      22557  2928.85  85.11  -184.82
      24401  297.69  85.15  -154.75
      24403  311.46  81.18  -156.22
      24405  325.04  76.54  -157.66
      24406  338.38  71.27  -159.05
      24412  370.46  71.27  -162.32
      24413  383.81  76.54  -163.65
      24415  397.40  81.18  -164.98
      24417  411.18  85.15  -166.32
      24421  661.97  85.15  -187.18
      24423  675.79  81.18  -188.14
      24425  689.41  76.54  -189.07
      24426  702.80  71.27  -189.96
      24432  734.97  71.27  -192.04
      24433  748.37  76.54  -192.87
      24435  761.99  81.18  -193.70
      24437  775.82  85.15  -194.52
      24441  1042.13  85.15  -206.52
      24443  1055.97  81.18  -206.95
      24445  1069.62  76.54  -207.35
      24446  1083.03  71.27  -207.73
      24452  1115.26  71.27  -208.67
      24453  1128.67  76.54  -209.08
      24455  1142.32  81.18  -209.48
      24457  1156.16  85.15  -209.87
      24461  1422.56  85.15  -213.49
      24463  1436.41  81.18  -213.50
      24465  1450.06  76.54  -213.67
      24466  1463.48  71.27  -213.85
      24472  1495.72  71.27  -214.29
      24473  1509.14  76.54  -214.47
      24475  1522.78  81.18  -214.65
      24477  1536.63  85.15  -214.84
      24481  1772.56  85.15  -218.01
      24483  1786.41  81.18  -218.20
      24485  1800.06  76.54  -218.38
      24486  1813.48  71.27  -218.56
      24492  1845.72  71.27  -219.00
      24493  1859.13  76.54  -219.18
      24495  1872.78  81.18  -219.36
      24497  1886.63  85.15  -219.55
      24501  2122.72  85.15  -222.72
      24503  2136.57  81.18  -222.91
      24505  2150.22  76.54  -223.09
      24506  2163.63  71.27  -223.28
      24512  2195.88  71.27  -223.71
      24513  2209.29  76.54  -223.89
      24515  2222.94  81.18  -224.07
      24517  2236.79  85.15  -224.25
      24521  2461.35  85.15  -217.62
      24523  2475.17  81.18  -216.71
      24525  2488.78  76.54  -215.77
      24526  2502.17  71.27  -214.79
      24532  2534.31  71.27  -212.21
      24533  2547.67  76.54  -211.04
      24535  2561.27  81.18  -209.80
      24537  2575.05  85.15  -208.49
      24541  2800.97  85.15  -178.73
      24543  2814.63  81.18  -176.42
      24545  2828.08  76.54  -174.10
      24546  2841.29  71.27  -171.76
      24552  2872.56  71.36  -166.01
      24553  2885.39  76.64  -163.56
      24555  2898.45  81.25  -161.01
      24557  2911.72  85.11  -158.37
      26401  300.06  85.15  -133.06
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     26403  313.82  81.18  -134.57
     26405  327.40  76.54  -136.05
     26406  340.74  71.27  -137.48
     26412  372.80  71.27  -140.84
     26413  386.15  76.54  -142.21
     26415  399.73  81.18  -143.58
     26417  413.52  85.15  -144.95
     26421  663.46  85.15  -166.47
     26423  677.27  81.18  -167.47
     26425  690.89  76.54  -168.43
     26426  704.27  71.27  -169.37
     26432  736.45  71.27  -171.54
     26433  749.83  76.54  -172.41
     26435  763.46  81.18  -173.27
     26437  777.28  85.15  -174.13
     26441  1042.78  85.15  -186.87
     26443  1056.62  81.18  -187.34
     26445  1070.26  76.54  -187.78
     26446  1083.67  71.27  -188.19
     26452  1115.90  71.27  -189.18
     26453  1129.31  76.54  -189.59
     26455  1142.96  81.18  -189.99
     26457  1156.80  85.15  -190.38
     26461  1422.57  85.15  -193.99
     26463  1436.42  81.18  -194.00
     26465  1450.07  76.54  -194.10
     26466  1463.49  71.27  -194.21
     26472  1495.73  71.27  -194.48
     26473  1509.15  76.54  -194.59
     26475  1522.80  81.18  -194.70
     26477  1536.65  85.15  -194.81
     26481  1772.57  85.15  -196.74
     26483  1786.42  81.18  -196.85
     26485  1800.07  76.54  -196.97
     26486  1813.49  71.27  -197.08
     26492  1845.73  71.27  -197.34
     26493  1859.15  76.54  -197.45
     26495  1872.80  81.18  -197.56
     26497  1886.65  85.15  -197.67
     26501  2122.58  85.15  -199.60
     26503  2136.43  81.18  -199.72
     26505  2150.08  76.54  -199.83
     26506  2163.50  71.27  -199.94
     26512  2195.74  71.27  -200.20
     26513  2209.16  76.54  -200.31
     26515  2222.81  81.18  -200.42
     26517  2236.66  85.15  -200.52
     26521  2453.46  85.15  -192.16
     26523  2467.27  81.18  -191.16
     26525  2480.88  76.54  -190.12
     26526  2494.25  71.27  -189.04
     26532  2526.38  71.27  -186.23
     26533  2539.73  76.54  -184.97
     26535  2553.32  81.18  -183.64
     26537  2567.10  85.15  -182.23
     26541  2783.89  85.15  -152.58
     26543  2797.54  81.18  -150.24
     26545  2810.98  76.54  -147.87
     26546  2824.19  71.27  -145.49
     26552  2855.44  71.36  -139.65
     26553  2868.26  76.64  -137.17
     26555  2881.31  81.25  -134.59
     26557  2894.58  85.11  -131.91
     28401  302.43  85.15  -111.37
     28403  316.19  81.18  -112.92
     28405  329.76  76.54  -114.44
     28406  343.09  71.27  -115.90
     28412  375.15  71.27  -119.36
     28413  388.49  76.54  -120.76
     28415  402.07  81.18  -122.18
     28417  415.85  85.15  -123.59
     28421  664.95  85.15  -145.75
     28423  678.76  81.18  -146.80
     28425  692.37  76.54  -147.80
     28426  705.75  71.27  -148.78
     28432  737.92  71.27  -151.04
     28433  751.30  76.54  -151.95
     28435  764.92  81.18  -152.85
     28437  778.74  85.15  -153.75
     28441  1043.43  85.15  -167.22
     28443  1057.27  81.18  -167.72
     28445  1070.91  76.54  -168.20
     28446  1084.32  71.27  -168.66
     28452  1116.54  71.27  -169.69
     28453  1129.96  76.54  -170.11
     28455  1143.60  81.18  -170.50
     28457  1157.45  85.15  -170.89
     28461  1422.58  85.15  -174.49
     28463  1436.43  81.18  -174.50
     28465  1450.08  76.54  -174.54
     28466  1463.50  71.27  -174.58
     28472  1495.74  71.27  -174.67
     28473  1509.16  76.54  -174.71
     28475  1522.81  81.18  -174.75
     28477  1536.66  85.15  -174.79
     28481  1772.58  85.15  -175.50
     28483  1786.43  81.18  -175.54
     28485  1800.08  76.54  -175.58
     28486  1813.50  71.27  -175.62
     28492  1845.74  71.27  -175.71
     28493  1859.16  76.54  -175.75
     28495  1872.81  81.18  -175.80
     28497  1886.66  85.15  -175.84
     28501  2122.44  85.15  -176.54
     28503  2136.29  81.18  -176.58
     28505  2149.94  76.54  -176.62
     28506  2163.36  71.27  -176.66
     28512  2195.60  71.27  -176.65
```



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     28513  2209.02  76.54  -176.61
     28515  2222.67  81.18  -176.53
     28517  2236.52  85.15  -176.42
     28521  2445.52  85.15  -166.54
     28523  2459.33  81.18  -165.44
     28525  2472.93  76.54  -164.30
     28526  2486.30  71.27  -163.13
     28532  2518.40  71.27  -160.10
     28533  2531.75  76.54  -158.76
     28535  2545.32  81.18  -157.33
     28537  2559.09  85.15  -155.83
     28541  2766.79  85.15  -126.41
     28543  2780.44  81.18  -124.03
     28545  2793.87  76.54  -121.62
     28546  2807.07  71.27  -119.21
     28552  2838.31  71.36  -113.28
     28553  2851.12  76.64  -110.76
     28555  2864.17  81.25  -108.15
     28557  2877.43  85.11  -105.44
$
$
  SUPPORT JOINTS 101000 TO 109000 BY 2000 DX DY DZ
  SUPPORT JOINTS 101313 103316 105313 107311 109312 DX DY DZ
  SUPPORT JOINTS 101409 TO 109409 BY 2000 DX DY DZ
  SUPPORT JOINTS 101429 TO 109429 BY 2000 DX DY DZ
  SUPPORT JOINTS 101449 TO 109449 BY 2000 DX DY DZ
$  SUPPORT JOINTS 1469 TO 9469 BY 2000 DX DY DZ
$  SUPPORT JOINTS 1489 TO 9489 BY 2000 DX DY DZ
  SUPPORT JOINTS 101509 TO 109509 BY 2000 DX DY DZ
  SUPPORT JOINTS 101529 TO 109529 BY 2000 DX DY DZ
  SUPPORT JOINTS 101549 TO 109549 BY 2000 DX DY DZ
$ END OF INCLUDE FILE
$
```

```
$-------------------------------------------------------------------------$
$  THE FOLLOWING IS THE MEMBER PROPERTIES INPUT                           $
$  FOR THE CLEVELAND INNERBELT UNIT 2 3D MODEL                            $
$                                                                         $
$                                                                         $
$                                                                         $
$    TO INCLUDE THESE MEMBERS AND THEIR RESPECTIVE PROPERTIES             $
$    USE THE COMMAND:                                                     $
$"INCLUDE UNIT 2 3D ANALYSIS MODEL MEMBER PROP.DAT" IN THE INPUT FILE     $
$                                                                         $
$-------------------------------------------------------------------------$
$
$-------------------------------------------------------------
$  Revisions:
$  Initials   Date          Reason
$    DJG      12-14-10      Created File
$    DJG      01-04-11      Changed Rotation Beta Angle for Bearing Elements
$    DJG     01-08-11      Added Member Eccentricity for Stringers, Changed Member
$                           Eccentricity for Modifying the Deck to 10" (9" Structural)
$  DJG        1-28-2011     Plate sizes modified
$  DJG        1-31-2011     Plate sizes modified
$  DJG        3-5-2011     Plate sizes modified
$  DJG        3-7-2011     Plate sizes corrected
$  MCC        3-10-11      Checked
$  SJL        6-3-11       Updated for final run and 9in slab in Spans 3-8 and Span 11
$    DJG      07-16-11      REVISED FOR LATERAL BRACING CHANGE
$-------------------------------------------------------------
$
MEMBER PROPERTIES
      GROUP NCG1 MATERIAL 1
      GROUP NCG2 MATERIAL 1
      GROUP NCG3 MATERIAL 1
      GROUP NCG4 MATERIAL 1
      GROUP NCG5 MATERIAL 1
      GROUP NCS1 MATERIAL 1
      GROUP NCS2 MATERIAL 1
      GROUP NCS3 MATERIAL 1
      GROUP NCS4 MATERIAL 1
      GROUP DELTALEG MATERIAL 1
      GROUP DIAPH MATERIAL 1
      GROUP LATBR MATERIAL 1
      GROUP LATDIAG MATERIAL 1
      GROUP SP3SLAB MATERIAL 2
      GROUP PR3SLAB MATERIAL 2
      GROUP SP4SLAB MATERIAL 2
      GROUP PR4SLAB MATERIAL 2
      GROUP SP5SLAB MATERIAL 2
      GROUP PR5SLAB MATERIAL 2
      GROUP SP6SLAB MATERIAL 2
      GROUP PR6SLAB MATERIAL 2
      GROUP SP7SLAB MATERIAL 2
      GROUP PR7SLAB MATERIAL 2
      GROUP SP8SLAB MATERIAL 2
      GROUP PR8SLAB MATERIAL 2
      GROUP SP9SLAB MATERIAL 2
      GROUP PR9SLAB MATERIAL 2
      GROUP SP10SLAB MATERIAL 2
      GROUP PR10SLB1 MATERIAL 2
      GROUP PR10SLB2 MATERIAL 2
      GROUP SP11SLAB MATERIAL 2
      GROUP CG1 MATERIAL 3
      GROUP CG2 MATERIAL 3
      GROUP CG3 MATERIAL 3
      GROUP CG4 MATERIAL 3
      GROUP CG5 MATERIAL 3
      GROUP CS1 MATERIAL 3
      GROUP CS2 MATERIAL 3
      GROUP CS3 MATERIAL 3
      GROUP CS4 MATERIAL 3
$
      101000 TO 109000 BY 2000 -
      101313 103316 105313 107311 109312 -
      101409 TO 109409 BY 2000 -
      101429 TO 109429 BY 2000 -
      101449 TO 109449 BY 2000 -
      101509 TO 109509 BY 2000 -
      101529 TO 109529 BY 2000 -
      101549 TO 109549 BY 2000 MATERIAL 3
$
$
$ SECTION PROPERTIES
$ EXTERIOR GIRDERS  (GIRDERS 1, 5)
$ CONSTANT DEPTH SECTIONS
       31000 TO 31014 39000 TO 39014  TABLE  434    $ SPAN 3
       31041 TO 31050 39041 TO 39050  TABLE  435    $ SPAN 4
       31077 TO 31088 39077 TO 39088  TABLE  436    $ SPAN 5
       31115 TO 31126 39115 TO 39126  TABLE  437    $ SPAN 6
       31153 TO 31162 39153 TO 39162  TABLE  438    $ SPAN 7
       31189 TO 31198 39189 TO 39198  TABLE  439    $ SPAN 8
       31225 TO 31233 39225 TO 39231  TABLE  440    $ SPAN 9
       31261 TO 31271 39261 TO 39268  TABLE  441    $ SPAN 10
       31298 TO 31312 39295 TO 39311  TABLE  442    $ SPAN 11
$
$
$ EXTERIOR DECK (OVER PIERS)
       31021 TO 31034 39021 TO 39034  TABLE  443    $ PIER 3
       31057 TO 31070 39057 TO 39070  TABLE  444    $ PIER 4
       31095 TO 31108 39095 TO 39108  TABLE  445    $ PIER 5
       31133 TO 31146 39133 TO 39146  TABLE  446    $ PIER 6
       31169 TO 31182 39169 TO 39182  TABLE  447    $ PIER 7
       31205 TO 31218 39205 TO 39218  TABLE  448    $ PIER 8
       31242 TO 31252 39242 TO 39252  TABLE  449    $ PIER 9
       31280 39277 TO 39281  TABLE  450    $ PIER 10 Back
       31281 TO 31289 39282 TO 39286  TABLE  451    $ PIER 10 Ahead
$
$
$
$ EXTERIOR DECK (TRANSITION AT START OR END OF DELTA)
```



```
       31015 TO 31020 39015 TO 39020  TABLE  452    $ PIER 3 BACK
       31035 TO 31040 39035 TO 39040  TABLE  453    $ PIER 3 AHEAD
       31051 TO 31056 39051 TO 39056  TABLE  454    $ PIER 4 BACK
       31071 TO 31076 39071 TO 39076  TABLE  455    $ PIER 4 AHEAD
       31089 TO 31094 39089 TO 39094  TABLE  456    $ PIER 5 BACK
       31109 TO 31114 39109 TO 39114  TABLE  457    $ PIER 5 AHEAD
       31127 TO 31132 39127 TO 39132  TABLE  458    $ PIER 6 BACK
       31147 TO 31152 39147 TO 39152  TABLE  459    $ PIER 6 AHEAD
       31163 TO 31168 39163 TO 39168  TABLE  460    $ PIER 7 BACK
       31183 TO 31188 39183 TO 39188  TABLE  461    $ PIER 7 AHEAD
       31199 TO 31204 39199 TO 39204  TABLE  462    $ PIER 8 BACK
       31219 TO 31224 39219 TO 39224  TABLE  463    $ PIER 8 AHEAD
       31234 TO 31241 39232 TO 39241  TABLE  464    $ PIER 9 BACK
       31253 TO 31260 39253 TO 39260  TABLE  465    $ PIER 9 AHEAD
       31272 TO 31279 39269 TO 39276  TABLE  466    $ PIER 10 BACK
       31290 TO 31297 39287 TO 39294  TABLE  467    $ PIER 10 AHEAD
$
$
$ INTERIOR GIRDERS  (GIRDERS 2, 3, 4)
$ INTERIOR DECK (CONSTANT DEPTH SECTIONS)
       33000 TO 33014 35000 TO 35014 37000 TO 37014  TABLE  400    $ SPAN 3
       33041 TO 33050 35041 TO 35050 37041 TO 37050  TABLE  401    $ SPAN 4
       33077 TO 33088 35077 TO 35088 37077 TO 37088  TABLE  402    $ SPAN 5
       33115 TO 33126 35115 TO 35126 37115 TO 37126  TABLE  403    $ SPAN 6
       33153 TO 33162 35153 TO 35162 37153 TO 37162  TABLE  404    $ SPAN 7
       33189 TO 33198 35189 TO 35198 37189 TO 37198  TABLE  405    $ SPAN 8
       33225 TO 33233 35225 TO 35232 37225 TO 37232  TABLE  406    $ SPAN 9
       33262 TO 33271 35262 TO 35270 37260 TO 37268  TABLE  407    $ SPAN 10
       33300 TO 33315 35297 TO 35312 37295 TO 37310  TABLE  408    $ SPAN 11
$
$
$ INTERIOR DECK (OVER PIERS)
       33021 TO 33034 35021 TO 35034 37021 TO 37034  TABLE  409    $ PIER 3
       33057 TO 33070 35057 TO 35070 37057 TO 37070  TABLE  410    $ PIER 4
       33095 TO 33108 35095 TO 35108 37095 TO 37108  TABLE  411    $ PIER 5
       33133 TO 33146 35133 TO 35146 37133 TO 37146  TABLE  412    $ PIER 6
       33169 TO 33182 35169 TO 35182 37169 TO 37182  TABLE  413    $ PIER 7
       33205 TO 33218 35205 TO 35218 37205 TO 37218  TABLE  414    $ PIER 8
       33242 TO 33252 35241 TO 35252 37241 TO 37251  TABLE  415    $ PIER 9
       33281 TO 33282 35279 TO 35281 37277 TO 37280  TABLE  416    $ PIER 10 Back
       33283 TO 33290 35282 TO 35288 37281 TO 37286  TABLE  417    $ PIER 10 Ahead
$
$
$ INTERIOR DECK (TRANSITION AT START OR END OF DELTA)
       33015 TO 33020 35015 TO 35020 37015 TO 37020  TABLE  418    $ PIER 3 BACK
       33035 TO 33040 35035 TO 35040 37035 TO 37040  TABLE  419    $ PIER 3 AHEAD
       33051 TO 33056 35051 TO 35056 37051 TO 37056  TABLE  420    $ PIER 4 BACK
       33071 TO 33076 35071 TO 35076 37071 TO 37076  TABLE  421    $ PIER 4 AHEAD
       33089 TO 33094 35089 TO 35094 37089 TO 37094  TABLE  422    $ PIER 5 BACK
       33109 TO 33114 35109 TO 35114 37109 TO 37114  TABLE  423    $ PIER 5 AHEAD
       33127 TO 33132 35127 TO 35132 37127 TO 37132  TABLE  424    $ PIER 6 BACK
       33147 TO 33152 35147 TO 35152 37147 TO 37152  TABLE  425    $ PIER 6 AHEAD
       33163 TO 33168 35163 TO 35168 37163 TO 37168  TABLE  426    $ PIER 7 BACK
       33183 TO 33188 35183 TO 35188 37183 TO 37188  TABLE  427    $ PIER 7 AHEAD
       33199 TO 33204 35199 TO 35204 37199 TO 37204  TABLE  428    $ PIER 8 BACK
       33219 TO 33224 35219 TO 35224 37219 TO 37224  TABLE  429    $ PIER 8 AHEAD
       33234 TO 33241 35233 TO 35240 37233 TO 37240  TABLE  430    $ PIER 9 BACK
       33253 TO 33261 35253 TO 35261 37252 TO 37259  TABLE  431    $ PIER 9 AHEAD
       33272 TO 33280 35271 TO 35278 37269 TO 37276  TABLE  432    $ PIER 10 BACK
       33291 TO 33299 35289 TO 35296 37287 TO 37294  TABLE  433    $ PIER 10 AHEAD
$
$
$
$
$ STRINGERS  (STRINGERS 1 AND 2)
$ INTERIOR DECK (CONSTANT DEPTH SECTIONS)
       32000 TO 32014 34000 TO 34014  TABLE  400    $ SPAN 3
       32041 TO 32050 34041 TO 34050  TABLE  401    $ SPAN 4
       32077 TO 32088 34077 TO 34088  TABLE  402    $ SPAN 5
       32115 TO 32126 34115 TO 34126  TABLE  403    $ SPAN 6
       32153 TO 32162 34153 TO 34162  TABLE  404    $ SPAN 7
       32189 TO 32198 34189 TO 34198  TABLE  405    $ SPAN 8
       32225 TO 32232 34225 TO 34232  TABLE  406    $ SPAN 9
       32256 TO 32264 34255 TO 34263  TABLE  407    $ SPAN 10
$
       32386 TO 32400 34385 TO 34400  TABLE  408    $ SPAN 11
       32586 TO 32600 34585 TO 34600  TABLE  408    $ SPAN 11
$
$ STRINGERS  (STRINGERS 3 AND 4)
$ INTERIOR DECK (CONSTANT DEPTH SECTIONS)
       36000 TO 36014 38000 TO 38014  TABLE  400    $ SPAN 3
       36041 TO 36050 38041 TO 38050  TABLE  401    $ SPAN 4
       36077 TO 36088 38077 TO 38088  TABLE  402    $ SPAN 5
       36115 TO 36126 38115 TO 38126  TABLE  403    $ SPAN 6
       36153 TO 36162 38153 TO 38162  TABLE  404    $ SPAN 7
       36189 TO 36198 38189 TO 38198  TABLE  405    $ SPAN 8
       36225 TO 36232 38225 TO 38231  TABLE  406    $ SPAN 9
       36255 TO 36262 38254 TO 38261  TABLE  407    $ SPAN 10
$
       36384 TO 36399 38383 TO 38398  TABLE  408    $ SPAN 11
       36584 TO 36599 38583 TO 38598  TABLE  408    $ SPAN 11
$
$
$ STRINGERS  (STRINGERS 1 AND 2)
$ INTERIOR DECK (OVER PIERS)
       32021 TO 32034 34021 TO 34034  TABLE  409    $ PIER 3
       32057 TO 32070 34057 TO 34070  TABLE  410    $ PIER 4
       32095 TO 32108 34095 TO 34108  TABLE  411    $ PIER 5
       32133 TO 32146 34133 TO 34146  TABLE  412    $ PIER 6
       32169 TO 32182 34169 TO 34182  TABLE  413    $ PIER 7
       32205 TO 32218 34205 TO 34218  TABLE  414    $ PIER 8
       32240 TO 32248 34239 TO 34248  TABLE  415    $ PIER 9
       32271 34270 TO 34271  TABLE  416    $ PIER 10 Back
       32372 TO 32379 34372 TO 34378  TABLE  417    $ PIER 10 Ahead
       32572 TO 32579 34572 TO 34578  TABLE  417    $ PIER 10 Ahead
$
$ STRINGERS  (STRINGERS 3 AND 4)
$ INTERIOR DECK (OVER PIERS)
```

```
       36021 TO 36034 38021 TO 38034  TABLE  409    $ PIER 3
       36057 TO 36070 38057 TO 38070  TABLE  410    $ PIER 4
       36095 TO 36108 38095 TO 38108  TABLE  411    $ PIER 5
       36133 TO 36146 38133 TO 38146  TABLE  412    $ PIER 6
       36169 TO 36182 38169 TO 38182  TABLE  413    $ PIER 7
       36205 TO 36218 38205 TO 38218  TABLE  414    $ PIER 8
       36239 TO 36248 38238 TO 38247  TABLE  415    $ PIER 9
       36269 TO 36271 38268 TO 38271  TABLE  416    $ PIER 10 Back
       36372 TO 36377 38372 TO 38376  TABLE  417    $ PIER 10 Ahead
       36572 TO 36577 38572 TO 38576  TABLE  417    $ PIER 10 Ahead
$
$
$ STRINGERS  (STRINGERS 1 AND 2)
$ INTERIOR DECK (TRANSITION AT START OR END OF DELTA)
       32015 TO 32020 34015 TO 34020  TABLE  418    $ PIER 3 BACK
       32035 TO 32040 34035 TO 34040  TABLE  419    $ PIER 3 AHEAD
       32051 TO 32056 34051 TO 34056  TABLE  420    $ PIER 4 BACK
       32071 TO 32076 34071 TO 34076  TABLE  421    $ PIER 4 AHEAD
       32089 TO 32094 34089 TO 34094  TABLE  422    $ PIER 5 BACK
       32109 TO 32114 34109 TO 34114  TABLE  423    $ PIER 5 AHEAD
       32127 TO 32132 34127 TO 34132  TABLE  424    $ PIER 6 BACK
       32147 TO 32152 34147 TO 34152  TABLE  425    $ PIER 6 AHEAD
       32163 TO 32168 34163 TO 34168  TABLE  426    $ PIER 7 BACK
       32183 TO 32188 34183 TO 34188  TABLE  427    $ PIER 7 AHEAD
       32199 TO 32204 34199 TO 34204  TABLE  428    $ PIER 8 BACK
       32219 TO 32224 34219 TO 34224  TABLE  429    $ PIER 8 AHEAD
       32233 TO 32239 34233 TO 34238  TABLE  430    $ PIER 9 BACK
       32249 TO 32255 34249 TO 34254  TABLE  431    $ PIER 9 AHEAD
       32265 TO 32270 34264 TO 34269  TABLE  432    $ PIER 10 BACK
       32380 TO 32385 34379 TO 34384  TABLE  433    $ PIER 10 AHEAD
       32580 TO 32585 34579 TO 34584  TABLE  433    $ PIER 10 AHEAD
$
$ STRINGERS  (STRINGERS 3 AND 4)
$ INTERIOR DECK (TRANSITION AT START OR END OF DELTA)
       36015 TO 36020 38015 TO 38020  TABLE  418    $ PIER 3 BACK
       36035 TO 36040 38035 TO 38040  TABLE  419    $ PIER 3 AHEAD
       36051 TO 36056 38051 TO 38056  TABLE  420    $ PIER 4 BACK
       36071 TO 36076 38071 TO 38076  TABLE  421    $ PIER 4 AHEAD
       36089 TO 36094 38089 TO 38094  TABLE  422    $ PIER 5 BACK
       36109 TO 36114 38109 TO 38114  TABLE  423    $ PIER 5 AHEAD
       36127 TO 36132 38127 TO 38132  TABLE  424    $ PIER 6 BACK
       36147 TO 36152 38147 TO 38152  TABLE  425    $ PIER 6 AHEAD
       36163 TO 36168 38163 TO 38168  TABLE  426    $ PIER 7 BACK
       36183 TO 36188 38183 TO 38188  TABLE  427    $ PIER 7 AHEAD
       36199 TO 36204 38199 TO 38204  TABLE  428    $ PIER 8 BACK
       36219 TO 36224 38219 TO 38224  TABLE  429    $ PIER 8 AHEAD
       36233 TO 36238 38232 TO 38237  TABLE  430    $ PIER 9 BACK
       36249 TO 36254 38248 TO 38253  TABLE  431    $ PIER 9 AHEAD
       36263 TO 36268 38262 TO 38267  TABLE  432    $ PIER 10 BACK
       36378 TO 36383 38377 TO 38382  TABLE  433    $ PIER 10 AHEAD
       36578 TO 36583 38577 TO 38582  TABLE  433    $ PIER 10 AHEAD
$
$ MEMBER PROPERTIES
$ SECTION PROPERTIES
$ DIAPHRAGMS
$ PIER 2, END DIAPHRAGMS
       10000 TO 10007  TABLE  480    $ END (DELTA) DIAPHRAGMS
$ SPAN 3
       10008 TO 10079  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 3 BACK DELTA DIAPHRAGMS
       10080 TO 10087  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 3
       10088 TO 10119  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 3 AHEAD DELTA DIAPHRAGMS
       10120 TO 10127  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ SPAN 4
       10128 TO 10199  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 4 BACK DELTA DIAPHRAGMS
       10200 TO 10207  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 4
       10208 TO 10239  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 4 AHEAD DELTA DIAPHRAGMS
       10240 TO 10247  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ SPAN 5
       10248 TO 10327  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 5 BACK DELTA DIAPHRAGMS
       10328 TO 10335  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 5
       10336 TO 10367  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 5 AHEAD DELTA DIAPHRAGMS
       10368 TO 10375  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ SPAN 6
       10376 TO 10455  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 6 BACK DELTA DIAPHRAGMS
       10456 TO 10463  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 6
       10464 TO 10495  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 6 AHEAD DELTA DIAPHRAGMS
       10496 TO 10503  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ SPAN 7
       10504 TO 10575  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 7 BACK DELTA DIAPHRAGMS
       10576 TO 10583  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 7
       10584 TO 10615  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 7 AHEAD DELTA DIAPHRAGMS
       10616 TO 10623  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ SPAN 8
       10624 TO 10695  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 8 BACK DELTA DIAPHRAGMS
       10696 TO 10703  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 8
       10704 TO 10735  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 8 AHEAD DELTA DIAPHRAGMS
       10736 TO 10743  TABLE  476    $ DELTA DIAPHRAGMS P2-8
$ SPAN 9
       10744 TO 10799  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 9 BACK DELTA DIAPHRAGMS
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       10800 TO 10823  TABLE  477    $ DELTA DIAPHRAGMS P9-10
$ OVER PIER 9
       10824 TO 10847  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 9 AHEAD DELTA DIAPHRAGMS
       10848 TO 10871  TABLE  477    $ DELTA DIAPHRAGMS P9-10
$ SPAN 10
       10872 TO 10919  TABLE  475    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 10 BACK DELTA DIAPHRAGMS
       10920 TO 10943  TABLE  477    $ DELTA DIAPHRAGMS P9-10
$ PIER 10 BACK DELTA DIAPHRAGMS
       10944 TO 10959  TABLE  479    $ DELTA 2 STRINGER DIAPHRAGMS
$ OVER PIER 10
       10960 TO 10983  TABLE  479    $ DELTA 2 STRINGER DIAPHRAGMS
$ PIER 10 AHEAD DELTA DIAPHRAGMS
       10984 TO 11019  TABLE  479    $ DELTA 2 STRINGER DIAPHRAGMS
$ SPAN 11
       11020 TO 11121  TABLE  478    $ STD 2 STRINGER DIAPHRAGMS
$ PIER 11, END DIAPHRAGMS
       11122 TO 11133  TABLE  480    $ END (DELTA) DIAPHRAGMS
$
$
$
$
$  LATERAL BRACING
     GROUP LATBR TABLE 1000
     GROUP LATDIAG TABLE 2000
$
$
$
$ BEARING SUPPORT MEMBERS
      101000 TO 109000 BY 2000 -
      101313 103316 105313 107311 109312 -
      101409 TO 109409 BY 2000 -
      101429 TO 109429 BY 2000 -
      101449 TO 109449 BY 2000 -
      101509 TO 109509 BY 2000 -
      101529 TO 109529 BY 2000 -
      101549 TO 109549 BY 2000 TABLE 10000
$
$
$ GIRDER 1
$  CONSTANT DEPTH SECTIONS
       1000 TO 1014  TABLE  1    $ SPAN 3
       1041 TO 1050  TABLE  2    $ SPAN 4
       1077 TO 1088  TABLE  3    $ SPAN 5
       1115 TO 1126  TABLE  4    $ SPAN 6
       1153 TO 1162  TABLE  5    $ SPAN 7
       1189 TO 1198  TABLE  6    $ SPAN 8
       1225 TO 1233  TABLE  7    $ SPAN 9
       1261 TO 1271  TABLE  8    $ SPAN 10
       1298 TO 1312  TABLE  9    $ SPAN 11
$
$
$  GIRDER 2
$  CONSTANT DEPTH SECTIONS
       3000 TO 3014  TABLE  1    $ SPAN 3
       3041 TO 3050  TABLE  2    $ SPAN 4
       3077 TO 3088  TABLE  3    $ SPAN 5
       3115 TO 3126  TABLE  4    $ SPAN 6
       3153 TO 3162  TABLE  5    $ SPAN 7
       3189 TO 3198  TABLE  6    $ SPAN 8
       3225 TO 3233  TABLE  7    $ SPAN 9
       3262 TO 3271  TABLE  8    $ SPAN 10
       3300 TO 3315  TABLE  9    $ SPAN 11
$
$
$  GIRDER 3
$  CONSTANT DEPTH SECTIONS
       5000 TO 5014  TABLE  1    $ SPAN 3
       5041 TO 5050  TABLE  2    $ SPAN 4
       5077 TO 5088  TABLE  3    $ SPAN 5
       5115 TO 5126  TABLE  4    $ SPAN 6
       5153 TO 5162  TABLE  5    $ SPAN 7
       5189 TO 5198  TABLE  6    $ SPAN 8
       5225 TO 5232  TABLE  7    $ SPAN 9
       5262 TO 5270  TABLE  8    $ SPAN 10
       5297 TO 5312  TABLE  9    $ SPAN 11
$
$
$  GIRDER 4
$  CONSTANT DEPTH SECTIONS
       7000 TO 7014  TABLE  1    $ SPAN 3
       7041 TO 7050  TABLE  2    $ SPAN 4
       7077 TO 7088  TABLE  3    $ SPAN 5
       7115 TO 7126  TABLE  4    $ SPAN 6
       7153 TO 7162  TABLE  5    $ SPAN 7
       7189 TO 7198  TABLE  6    $ SPAN 8
       7225 TO 7232  TABLE  7    $ SPAN 9
       7260 TO 7268  TABLE  8    $ SPAN 10
       7295 TO 7310  TABLE  9    $ SPAN 11
$
$
$ GIRDER 5
$  CONSTANT DEPTH SECTIONS
       9000 TO 9014  TABLE  1    $ SPAN 3
       9041 TO 9050  TABLE  2    $ SPAN 4
       9077 TO 9088  TABLE  3    $ SPAN 5
       9115 TO 9126  TABLE  4    $ SPAN 6
       9153 TO 9162  TABLE  5    $ SPAN 7
       9189 TO 9198  TABLE  6    $ SPAN 8
       9225 TO 9231  TABLE  7    $ SPAN 9
       9261 TO 9268  TABLE  8    $ SPAN 10
       9295 TO 9311  TABLE  9    $ SPAN 11
$
$
$
$
$
```

```
$ GIRDER 1
$ CONSTANT DEPTH OVER PIERS
       1021 TO 1034  TABLE  10    $ PIER 3
       1057 TO 1070  TABLE  11    $ PIER 4
       1095 TO 1108  TABLE  12    $ PIER 5
       1133 TO 1146  TABLE  13    $ PIER 6
       1169 TO 1182  TABLE  14    $ PIER 7
       1205 TO 1218  TABLE  15    $ PIER 8
       1242 TO 1252  TABLE  16    $ PIER 9
       1280 TO 1289  TABLE  17    $ PIER 10
$
$ GIRDER 2
$ CONSTANT DEPTH OVER PIERS
       3021 TO 3034  TABLE  10    $ PIER 3
       3057 TO 3070  TABLE  11    $ PIER 4
       3095 TO 3108  TABLE  12    $ PIER 5
       3133 TO 3146  TABLE  13    $ PIER 6
       3169 TO 3182  TABLE  14    $ PIER 7
       3205 TO 3218  TABLE  15    $ PIER 8
       3242 TO 3252  TABLE  16    $ PIER 9
       3281 TO 3290  TABLE  17    $ PIER 10
$
$ GIRDER 3
$  CONSTANT DEPTH OVER PIERS
       5021 TO 5034  TABLE  10    $ PIER 3
       5057 TO 5070  TABLE  11    $ PIER 4
       5095 TO 5108  TABLE  12    $ PIER 5
       5133 TO 5146  TABLE  13    $ PIER 6
       5169 TO 5182  TABLE  14    $ PIER 7
       5205 TO 5218  TABLE  15    $ PIER 8
       5241 TO 5252  TABLE  16    $ PIER 9
       5279 TO 5288  TABLE  17    $ PIER 10
$
$ GIRDER 4
$  CONSTANT DEPTH OVER PIERS
       7021 TO 7034  TABLE  10    $ PIER 3
       7057 TO 7070  TABLE  11    $ PIER 4
       7095 TO 7108  TABLE  12    $ PIER 5
       7133 TO 7146  TABLE  13    $ PIER 6
       7169 TO 7182  TABLE  14    $ PIER 7
       7205 TO 7218  TABLE  15    $ PIER 8
       7241 TO 7251  TABLE  16    $ PIER 9
       7277 TO 7286  TABLE  17    $ PIER 10
$
$ GIRDER 5
$  CONSTANT DEPTH OVER PIERS
       9021 TO 9034  TABLE  10    $ PIER 3
       9057 TO 9070  TABLE  11    $ PIER 4
       9095 TO 9108  TABLE  12    $ PIER 5
       9133 TO 9146  TABLE  13    $ PIER 6
       9169 TO 9182  TABLE  14    $ PIER 7
       9205 TO 9218  TABLE  15    $ PIER 8
       9242 TO 9252  TABLE  16    $ PIER 9
       9277 TO 9286  TABLE  17    $ PIER 10
$
$
$
$
$ GIRDER 1
$  TAPER AT START OR END OF DELTA
       1015 AVERAGE 20 21    $ PIER 3 START
       1016 AVERAGE 21 22
       1017 AVERAGE 23 24
       1018 AVERAGE 24 25
       1019 AVERAGE 25 26
       1020 AVERAGE 27 28
$
       1035 AVERAGE 29 30    $ PIER 3 END
       1036 AVERAGE 31 32
       1037 AVERAGE 32 33
       1038 AVERAGE 33 34
       1039 AVERAGE 35 36
       1040 AVERAGE 36 37
$
       1051 AVERAGE 38 39    $ PIER 4 START
       1052 AVERAGE 39 40
       1053 AVERAGE 41 42
       1054 AVERAGE 42 43
       1055 AVERAGE 43 44
       1056 AVERAGE 45 46
$
       1071 AVERAGE 47 48    $ PIER 4 END
       1072 AVERAGE 49 50
       1073 AVERAGE 50 51
       1074 AVERAGE 51 52
       1075 AVERAGE 53 54
       1076 AVERAGE 54 55
$
       1089 AVERAGE 56 57    $ PIER 5 START
       1090 AVERAGE 57 58
       1091 AVERAGE 59 60
       1092 AVERAGE 60 61
       1093 AVERAGE 61 62
       1094 AVERAGE 63 64
$
       1109 AVERAGE 65 66    $ PIER 5 END
       1110 AVERAGE 67 68
       1111 AVERAGE 68 69
       1112 AVERAGE 69 70
       1113 AVERAGE 71 72
       1114 AVERAGE 72 73
$
       1127 AVERAGE 74 75    $ PIER 6 START
       1128 AVERAGE 75 76
       1129 AVERAGE 77 78
       1130 AVERAGE 78 79
       1131 AVERAGE 79 80
       1132 AVERAGE 81 82
```



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$
       1147 AVERAGE 83 84    $ PIER 6 END
       1148 AVERAGE 85 86
       1149 AVERAGE 86 87
       1150 AVERAGE 87 88
       1151 AVERAGE 89 90
       1152 AVERAGE 90 91
$
       1163 AVERAGE 92 93    $ PIER 7 START
       1164 AVERAGE 93 94
       1165 AVERAGE 95 96
       1166 AVERAGE 96 97
       1167 AVERAGE 97 98
       1168 AVERAGE 99 100
$
       1183 AVERAGE 101 102    $ PIER 7 END
       1184 AVERAGE 103 104
       1185 AVERAGE 104 105
       1186 AVERAGE 105 106
       1187 AVERAGE 107 108
       1188 AVERAGE 108 109
$
       1199 AVERAGE 110 111    $ PIER 8 START
       1200 AVERAGE 111 112
       1201 AVERAGE 113 114
       1202 AVERAGE 114 115
       1203 AVERAGE 115 116
       1204 AVERAGE 117 118
$
       1219 AVERAGE 119 120    $ PIER 8 END
       1220 AVERAGE 121 122
       1221 AVERAGE 122 123
       1222 AVERAGE 123 124
       1223 AVERAGE 125 126
       1224 AVERAGE 126 127
$
       1234 AVERAGE 128 129    $ PIER 9 START
       1235 AVERAGE 129 130
       1236 AVERAGE 130 131
       1237 AVERAGE 132 133
       1238 AVERAGE 133 134
       1239 AVERAGE 134 135
       1240 AVERAGE 135 136
       1241 AVERAGE 137 138
$
       1253 AVERAGE 139 140    $ PIER 9 END
       1254 AVERAGE 140 141
       1255 AVERAGE 142 143
       1256 AVERAGE 143 144
       1257 AVERAGE 144 145
       1258 AVERAGE 145 146
       1259 AVERAGE 147 148
       1260 AVERAGE 148 149
$
$
       1272 AVERAGE 150 151    $ PIER 10 START
       1273 AVERAGE 151 152
       1274 AVERAGE 152 153
       1275 AVERAGE 154 155
       1276 AVERAGE 155 156
       1277 AVERAGE 156 157
       1278 AVERAGE 157 158
       1279 AVERAGE 159 160
$
       1290 AVERAGE 161 162    $ PIER 10 END
       1291 AVERAGE 163 164
       1292 AVERAGE 164 165
       1293 AVERAGE 165 166
       1294 AVERAGE 166 167
       1295 AVERAGE 168 169
       1296 AVERAGE 169 170
       1297 AVERAGE 170 171
$
$
$ GIRDER 2
$  TAPER AT START OR END OF DELTA
       3015 AVERAGE 20 21    $ PIER 3 START
       3016 AVERAGE 21 22
       3017 AVERAGE 23 24
       3018 AVERAGE 24 25
       3019 AVERAGE 25 26
       3020 AVERAGE 27 28
$
       3035 AVERAGE 29 30    $ PIER 3 END
       3036 AVERAGE 31 32
       3037 AVERAGE 32 33
       3038 AVERAGE 33 34
       3039 AVERAGE 35 36
       3040 AVERAGE 36 37
$
       3051 AVERAGE 38 39    $ PIER 4 START
       3052 AVERAGE 39 40
       3053 AVERAGE 41 42
       3054 AVERAGE 42 43
       3055 AVERAGE 43 44
       3056 AVERAGE 45 46
$
       3071 AVERAGE 47 48    $ PIER 4 END
       3072 AVERAGE 49 50
       3073 AVERAGE 50 51
       3074 AVERAGE 51 52
       3075 AVERAGE 53 54
       3076 AVERAGE 54 55
$
       3089 AVERAGE 56 57    $ PIER 5 START
       3090 AVERAGE 57 58
       3091 AVERAGE 59 60
       3092 AVERAGE 60 61
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      3093 AVERAGE 61 62
      3094 AVERAGE 63 64
$
      3109 AVERAGE 65 66    $ PIER 5 END
      3110 AVERAGE 67 68
      3111 AVERAGE 68 69
      3112 AVERAGE 69 70
      3113 AVERAGE 71 72
      3114 AVERAGE 72 73
$
      3127 AVERAGE 74 75    $ PIER 6 START
      3128 AVERAGE 75 76
      3129 AVERAGE 77 78
      3130 AVERAGE 78 79
      3131 AVERAGE 79 80
      3132 AVERAGE 81 82
$
      3147 AVERAGE 83 84    $ PIER 6 END
      3148 AVERAGE 85 86
      3149 AVERAGE 86 87
      3150 AVERAGE 87 88
      3151 AVERAGE 89 90
      3152 AVERAGE 90 91
$
      3163 AVERAGE 92 93    $ PIER 7 START
      3164 AVERAGE 93 94
      3165 AVERAGE 95 96
      3166 AVERAGE 96 97
      3167 AVERAGE 97 98
      3168 AVERAGE 99 100
$
      3183 AVERAGE 101 102    $ PIER 7 END
      3184 AVERAGE 103 104
      3185 AVERAGE 104 105
      3186 AVERAGE 105 106
      3187 AVERAGE 107 108
      3188 AVERAGE 108 109
$
      3199 AVERAGE 110 111    $ PIER 8 START
      3200 AVERAGE 111 112
      3201 AVERAGE 113 114
      3202 AVERAGE 114 115
      3203 AVERAGE 115 116
      3204 AVERAGE 117 118
$
      3219 AVERAGE 119 120    $ PIER 8 END
      3220 AVERAGE 121 122
      3221 AVERAGE 122 123
      3222 AVERAGE 123 124
      3223 AVERAGE 125 126
      3224 AVERAGE 126 127
$
      3234 AVERAGE 172 173    $ PIER 9 START
      3235 AVERAGE 173 174
      3236 AVERAGE 174 175
      3237 AVERAGE 176 177
      3238 AVERAGE 177 178
      3239 AVERAGE 178 179
      3240 AVERAGE 179 180
      3241 AVERAGE 181 182
$
      3253 AVERAGE 183 184    $ PIER 9 END
      3254 AVERAGE 184 185
      3255 AVERAGE 186 187
      3256 AVERAGE 187 188
      3257 AVERAGE 188 189
      3258 AVERAGE 189 190
      3259 AVERAGE 191 192
      3260 AVERAGE 192 193
      3261 AVERAGE 193 194
$
$
      3272 AVERAGE 195 196    $ PIER 10 START
      3273 AVERAGE 196 197
      3274 AVERAGE 197 198
      3275 AVERAGE 199 200
      3276 AVERAGE 200 201
      3277 AVERAGE 201 202
      3278 AVERAGE 202 203
      3279 AVERAGE 204 205
      3280 AVERAGE 205 206
$
      3291 AVERAGE 207 208    $ PIER 10 END
      3292 AVERAGE 208 209
      3293 AVERAGE 210 211
      3294 AVERAGE 211 212
      3295 AVERAGE 212 213
      3296 AVERAGE 213 214
      3297 AVERAGE 215 216
      3298 AVERAGE 216 217
      3299 AVERAGE 217 218
$
$
$ GIRDER 3
$  TAPER AT START OR END OF DELTA
      5015 AVERAGE 20 21    $ PIER 3 START
      5016 AVERAGE 21 22
      5017 AVERAGE 23 24
      5018 AVERAGE 24 25
      5019 AVERAGE 25 26
      5020 AVERAGE 27 28
$
      5035 AVERAGE 29 30    $ PIER 3 END
      5036 AVERAGE 31 32
      5037 AVERAGE 32 33
      5038 AVERAGE 33 34
      5039 AVERAGE 35 36
      5040 AVERAGE 36 37
```



```
$
      5051 AVERAGE 38 39    $ PIER 4 START
      5052 AVERAGE 39 40
      5053 AVERAGE 41 42
      5054 AVERAGE 42 43
      5055 AVERAGE 43 44
      5056 AVERAGE 45 46
$
      5071 AVERAGE 47 48    $ PIER 4 END
      5072 AVERAGE 49 50
      5073 AVERAGE 50 51
      5074 AVERAGE 51 52
      5075 AVERAGE 53 54
      5076 AVERAGE 54 55
$
      5089 AVERAGE 56 57    $ PIER 5 START
      5090 AVERAGE 57 58
      5091 AVERAGE 59 60
      5092 AVERAGE 60 61
      5093 AVERAGE 61 62
      5094 AVERAGE 63 64
$
      5109 AVERAGE 65 66    $ PIER 5 END
      5110 AVERAGE 67 68
      5111 AVERAGE 68 69
      5112 AVERAGE 69 70
      5113 AVERAGE 71 72
      5114 AVERAGE 72 73
$
      5127 AVERAGE 74 75    $ PIER 6 START
      5128 AVERAGE 75 76
      5129 AVERAGE 77 78
      5130 AVERAGE 78 79
      5131 AVERAGE 79 80
      5132 AVERAGE 81 82
$
      5147 AVERAGE 83 84    $ PIER 6 END
      5148 AVERAGE 85 86
      5149 AVERAGE 86 87
      5150 AVERAGE 87 88
      5151 AVERAGE 89 90
      5152 AVERAGE 90 91
$
      5163 AVERAGE 92 93    $ PIER 7 START
      5164 AVERAGE 93 94
      5165 AVERAGE 95 96
      5166 AVERAGE 96 97
      5167 AVERAGE 97 98
      5168 AVERAGE 99 100
$
      5183 AVERAGE 101 102    $ PIER 7 END
      5184 AVERAGE 103 104
      5185 AVERAGE 104 105
      5186 AVERAGE 105 106
      5187 AVERAGE 107 108
      5188 AVERAGE 108 109
$
      5199 AVERAGE 110 111    $ PIER 8 START
      5200 AVERAGE 111 112
      5201 AVERAGE 113 114
      5202 AVERAGE 114 115
      5203 AVERAGE 115 116
      5204 AVERAGE 117 118
$
      5219 AVERAGE 119 120    $ PIER 8 END
      5220 AVERAGE 121 122
      5221 AVERAGE 122 123
      5222 AVERAGE 123 124
      5223 AVERAGE 125 126
      5224 AVERAGE 126 127
$
      5233 AVERAGE 219 220    $ PIER 9 START
      5234 AVERAGE 220 221
      5235 AVERAGE 221 222
      5236 AVERAGE 223 224
      5237 AVERAGE 224 225
      5238 AVERAGE 225 226
      5239 AVERAGE 226 227
      5240 AVERAGE 228 229
$
      5253 AVERAGE 230 231    $ PIER 9 END
      5254 AVERAGE 232 233
      5255 AVERAGE 233 234
      5256 AVERAGE 234 235
      5257 AVERAGE 235 236
      5258 AVERAGE 236 237
      5259 AVERAGE 238 239
      5260 AVERAGE 239 240
      5261 AVERAGE 240 241
$
$
      5271 AVERAGE 242 243    $ PIER 10 START
      5272 AVERAGE 243 244
      5273 AVERAGE 244 245
      5274 AVERAGE 246 247
      5275 AVERAGE 247 248
      5276 AVERAGE 248 249
      5277 AVERAGE 249 250
      5278 AVERAGE 251 252
$
      5289 AVERAGE 253 254    $ PIER 10 END
      5290 AVERAGE 255 256
      5291 AVERAGE 256 257
      5292 AVERAGE 257 258
      5293 AVERAGE 258 259
      5294 AVERAGE 260 261
      5295 AVERAGE 261 262
      5296 AVERAGE 262 263
```

```
$
$
$ GIRDER 4
$  TAPER AT START OR END OF DELTA
       7015 AVERAGE 20 21    $ PIER 3 START
       7016 AVERAGE 21 22
       7017 AVERAGE 23 24
       7018 AVERAGE 24 25
       7019 AVERAGE 25 26
       7020 AVERAGE 27 28
$
       7035 AVERAGE 29 30    $ PIER 3 END
       7036 AVERAGE 31 32
       7037 AVERAGE 32 33
       7038 AVERAGE 33 34
       7039 AVERAGE 35 36
       7040 AVERAGE 36 37
$
       7051 AVERAGE 38 39    $ PIER 4 START
       7052 AVERAGE 39 40
       7053 AVERAGE 41 42
       7054 AVERAGE 42 43
       7055 AVERAGE 43 44
       7056 AVERAGE 45 46
$
       7071 AVERAGE 47 48    $ PIER 4 END
       7072 AVERAGE 49 50
       7073 AVERAGE 50 51
       7074 AVERAGE 51 52
       7075 AVERAGE 53 54
       7076 AVERAGE 54 55
$
       7089 AVERAGE 56 57    $ PIER 5 START
       7090 AVERAGE 57 58
       7091 AVERAGE 59 60
       7092 AVERAGE 60 61
       7093 AVERAGE 61 62
       7094 AVERAGE 63 64
$
       7109 AVERAGE 65 66    $ PIER 5 END
       7110 AVERAGE 67 68
       7111 AVERAGE 68 69
       7112 AVERAGE 69 70
       7113 AVERAGE 71 72
       7114 AVERAGE 72 73
$
       7127 AVERAGE 74 75    $ PIER 6 START
       7128 AVERAGE 75 76
       7129 AVERAGE 77 78
       7130 AVERAGE 78 79
       7131 AVERAGE 79 80
       7132 AVERAGE 81 82
$
       7147 AVERAGE 83 84    $ PIER 6 END
       7148 AVERAGE 85 86
       7149 AVERAGE 86 87
       7150 AVERAGE 87 88
       7151 AVERAGE 89 90
       7152 AVERAGE 90 91
$
       7163 AVERAGE 92 93    $ PIER 7 START
       7164 AVERAGE 93 94
       7165 AVERAGE 95 96
       7166 AVERAGE 96 97
       7167 AVERAGE 97 98
       7168 AVERAGE 99 100
$
       7183 AVERAGE 101 102    $ PIER 7 END
       7184 AVERAGE 103 104
       7185 AVERAGE 104 105
       7186 AVERAGE 105 106
       7187 AVERAGE 107 108
       7188 AVERAGE 108 109
$
       7199 AVERAGE 110 111    $ PIER 8 START
       7200 AVERAGE 111 112
       7201 AVERAGE 113 114
       7202 AVERAGE 114 115
       7203 AVERAGE 115 116
       7204 AVERAGE 117 118
$
       7219 AVERAGE 119 120    $ PIER 8 END
       7220 AVERAGE 121 122
       7221 AVERAGE 122 123
       7222 AVERAGE 123 124
       7223 AVERAGE 125 126
       7224 AVERAGE 126 127
$
       7233 AVERAGE 264 265    $ PIER 9 START
       7234 AVERAGE 265 266
       7235 AVERAGE 266 267
       7236 AVERAGE 268 269
       7237 AVERAGE 269 270
       7238 AVERAGE 270 271
       7239 AVERAGE 271 272
       7240 AVERAGE 273 274
$
       7252 AVERAGE 275 276    $ PIER 9 END
       7253 AVERAGE 277 278
       7254 AVERAGE 278 279
       7255 AVERAGE 279 280
       7256 AVERAGE 280 281
       7257 AVERAGE 282 283
       7258 AVERAGE 283 284
       7259 AVERAGE 284 285
$
$
       7269 AVERAGE 286 287    $ PIER 10 START
```



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       7270 AVERAGE 287 288
       7271 AVERAGE 289 290
       7272 AVERAGE 290 291
       7273 AVERAGE 291 292
       7274 AVERAGE 292 293
       7275 AVERAGE 294 295
       7276 AVERAGE 295 296
$
       7287 AVERAGE 297 298    $ PIER 10 END
       7288 AVERAGE 299 300
       7289 AVERAGE 300 301
       7290 AVERAGE 301 302
       7291 AVERAGE 302 303
       7292 AVERAGE 304 305
       7293 AVERAGE 305 306
       7294 AVERAGE 306 307
$
$
$ GIRDER 5
$  TAPER AT START OR END OF DELTA
       9015 AVERAGE 20 21    $ PIER 3 START
       9016 AVERAGE 21 22
       9017 AVERAGE 23 24
       9018 AVERAGE 24 25
       9019 AVERAGE 25 26
       9020 AVERAGE 27 28
$
       9035 AVERAGE 29 30    $ PIER 3 END
       9036 AVERAGE 31 32
       9037 AVERAGE 32 33
       9038 AVERAGE 33 34
       9039 AVERAGE 35 36
       9040 AVERAGE 36 37
$
       9051 AVERAGE 38 39    $ PIER 4 START
       9052 AVERAGE 39 40
       9053 AVERAGE 41 42
       9054 AVERAGE 42 43
       9055 AVERAGE 43 44
       9056 AVERAGE 45 46
$
       9071 AVERAGE 47 48    $ PIER 4 END
       9072 AVERAGE 49 50
       9073 AVERAGE 50 51
       9074 AVERAGE 51 52
       9075 AVERAGE 53 54
       9076 AVERAGE 54 55
$
       9089 AVERAGE 56 57    $ PIER 5 START
       9090 AVERAGE 57 58
       9091 AVERAGE 59 60
       9092 AVERAGE 60 61
       9093 AVERAGE 61 62
       9094 AVERAGE 63 64
$
       9109 AVERAGE 65 66    $ PIER 5 END
       9110 AVERAGE 67 68
       9111 AVERAGE 68 69
       9112 AVERAGE 69 70
       9113 AVERAGE 71 72
       9114 AVERAGE 72 73
$
       9127 AVERAGE 74 75    $ PIER 6 START
       9128 AVERAGE 75 76
       9129 AVERAGE 77 78
       9130 AVERAGE 78 79
       9131 AVERAGE 79 80
       9132 AVERAGE 81 82
$
       9147 AVERAGE 83 84    $ PIER 6 END
       9148 AVERAGE 85 86
       9149 AVERAGE 86 87
       9150 AVERAGE 87 88
       9151 AVERAGE 89 90
       9152 AVERAGE 90 91
$
       9163 AVERAGE 92 93    $ PIER 7 START
       9164 AVERAGE 93 94
       9165 AVERAGE 95 96
       9166 AVERAGE 96 97
       9167 AVERAGE 97 98
       9168 AVERAGE 99 100
$
       9183 AVERAGE 101 102    $ PIER 7 END
       9184 AVERAGE 103 104
       9185 AVERAGE 104 105
       9186 AVERAGE 105 106
       9187 AVERAGE 107 108
       9188 AVERAGE 108 109
$
       9199 AVERAGE 110 111    $ PIER 8 START
       9200 AVERAGE 111 112
       9201 AVERAGE 113 114
       9202 AVERAGE 114 115
       9203 AVERAGE 115 116
       9204 AVERAGE 117 118
$
       9219 AVERAGE 119 120    $ PIER 8 END
       9220 AVERAGE 121 122
       9221 AVERAGE 122 123
       9222 AVERAGE 123 124
       9223 AVERAGE 125 126
       9224 AVERAGE 126 127
$
       9232 AVERAGE 308 309    $ PIER 9 START
       9233 AVERAGE 309 310
       9234 AVERAGE 310 311
       9235 AVERAGE 312 313
```

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       9236 AVERAGE 313 314
       9237 AVERAGE 314 315
       9238 AVERAGE 315 316
       9239 AVERAGE 316 317
       9240 AVERAGE 318 319
       9241 AVERAGE 319 320
$
       9253 AVERAGE 321 322    $ PIER 9 END
       9254 AVERAGE 323 324
       9255 AVERAGE 324 325
       9256 AVERAGE 325 326
       9257 AVERAGE 326 327
       9258 AVERAGE 328 329
       9259 AVERAGE 329 330
       9260 AVERAGE 330 331
$
$
       9269 AVERAGE 332 333    $ PIER 10 START
       9270 AVERAGE 333 334
       9271 AVERAGE 335 336
       9272 AVERAGE 336 337
       9273 AVERAGE 337 338
       9274 AVERAGE 338 339
       9275 AVERAGE 340 341
       9276 AVERAGE 341 342
$
       9287 AVERAGE 343 344    $ PIER 10 END
       9288 AVERAGE 345 346
       9289 AVERAGE 346 347
       9290 AVERAGE 347 348
       9291 AVERAGE 348 349
       9292 AVERAGE 350 351
       9293 AVERAGE 351 352
       9294 AVERAGE 352 353
$
$
$
$
$
$ GIRDER 1
$  DELTA LEGS
       1400 TO 1406  1411 TO 1417  TABLE  354    $ PIER 3 DELTA
       1420 TO 1426  1431 TO 1437  TABLE  355    $ PIER 4 DELTA
       1440 TO 1446  1451 TO 1457  TABLE  356    $ PIER 5 DELTA
       1460 TO 1466  1471 TO 1477  TABLE  357    $ PIER 6 DELTA
       1480 TO 1486  1491 TO 1497  TABLE  358    $ PIER 7 DELTA
       1500 TO 1506  1511 TO 1517  TABLE  359    $ PIER 8 DELTA
       1520 TO 1526  1531 TO 1537  TABLE  360    $ PIER 9 DELTA
       1540 TO 1546  1551 TO 1557  TABLE  361    $ PIER 10 DELTA
$
       1407 TO 1410  TABLE  362    $ PIER 3 DELTA AT BRG
       1427 TO 1430  TABLE  363    $ PIER 4 DELTA AT BRG
       1447 TO 1450  TABLE  364    $ PIER 5 DELTA AT BRG
       1467 TO 1470  TABLE  365    $ PIER 6 DELTA AT BRG
       1487 TO 1490  TABLE  366    $ PIER 7 DELTA AT BRG
       1507 TO 1510  TABLE  367    $ PIER 8 DELTA AT BRG
       1527 TO 1530  TABLE  368    $ PIER 9 DELTA AT BRG
       1547 TO 1550  TABLE  369    $ PIER 10 DELTA AT BRG
$
$
$ GIRDER 2
$  DELTA LEGS
       3400 TO 3406  3411 TO 3417  TABLE  354    $ PIER 3 DELTA
       3420 TO 3426  3431 TO 3437  TABLE  355    $ PIER 4 DELTA
       3440 TO 3446  3451 TO 3457  TABLE  356    $ PIER 5 DELTA
       3460 TO 3466  3471 TO 3477  TABLE  357    $ PIER 6 DELTA
       3480 TO 3486  3491 TO 3497  TABLE  358    $ PIER 7 DELTA
       3500 TO 3506  3511 TO 3517  TABLE  359    $ PIER 8 DELTA
       3520 TO 3526  3531 TO 3537  TABLE  360    $ PIER 9 DELTA
       3540 TO 3546  3551 TO 3557  TABLE  361    $ PIER 10 DELTA
$
       3407 TO 3410  TABLE  362    $ PIER 3 DELTA AT BRG
       3427 TO 3430  TABLE  363    $ PIER 4 DELTA AT BRG
       3447 TO 3450  TABLE  364    $ PIER 5 DELTA AT BRG
       3467 TO 3470  TABLE  365    $ PIER 6 DELTA AT BRG
       3487 TO 3490  TABLE  366    $ PIER 7 DELTA AT BRG
       3507 TO 3510  TABLE  367    $ PIER 8 DELTA AT BRG
       3527 TO 3530  TABLE  368    $ PIER 9 DELTA AT BRG
       3547 TO 3550  TABLE  369    $ PIER 10 DELTA AT BRG
$
$
$ GIRDER 3
$  DELTA LEGS
       5400 TO 5406  5411 TO 5417  TABLE  354    $ PIER 3 DELTA
       5420 TO 5426  5431 TO 5437  TABLE  355    $ PIER 4 DELTA
       5440 TO 5446  5451 TO 5457  TABLE  356    $ PIER 5 DELTA
       5460 TO 5466  5471 TO 5477  TABLE  357    $ PIER 6 DELTA
       5480 TO 5486  5491 TO 5497  TABLE  358    $ PIER 7 DELTA
       5500 TO 5506  5511 TO 5517  TABLE  359    $ PIER 8 DELTA
       5520 TO 5526  5531 TO 5537  TABLE  360    $ PIER 9 DELTA
       5540 TO 5546  5551 TO 5557  TABLE  361    $ PIER 10 DELTA
$
       5407 TO 5410  TABLE  362    $ PIER 3 DELTA AT BRG
       5427 TO 5430  TABLE  363    $ PIER 4 DELTA AT BRG
       5447 TO 5450  TABLE  364    $ PIER 5 DELTA AT BRG
       5467 TO 5470  TABLE  365    $ PIER 6 DELTA AT BRG
       5487 TO 5490  TABLE  366    $ PIER 7 DELTA AT BRG
       5507 TO 5510  TABLE  367    $ PIER 8 DELTA AT BRG
       5527 TO 5530  TABLE  368    $ PIER 9 DELTA AT BRG
       5547 TO 5550  TABLE  369    $ PIER 10 DELTA AT BRG
$
$
$ GIRDER 4
$  DELTA LEGS
       7400 TO 7406  7411 TO 7417  TABLE  354    $ PIER 3 DELTA
       7420 TO 7426  7431 TO 7437  TABLE  355    $ PIER 4 DELTA
       7440 TO 7446  7451 TO 7457  TABLE  356    $ PIER 5 DELTA
       7460 TO 7466  7471 TO 7477  TABLE  357    $ PIER 6 DELTA
```



```
       7480 TO 7486  7491 TO 7497  TABLE  358    $ PIER 7 DELTA
       7500 TO 7506  7511 TO 7517  TABLE  359    $ PIER 8 DELTA
       7520 TO 7526  7531 TO 7537  TABLE  360    $ PIER 9 DELTA
       7540 TO 7546  7551 TO 7557  TABLE  361    $ PIER 10 DELTA
$
       7407 TO 7410  TABLE  362    $ PIER 3 DELTA AT BRG
       7427 TO 7430  TABLE  363    $ PIER 4 DELTA AT BRG
       7447 TO 7450  TABLE  364    $ PIER 5 DELTA AT BRG
       7467 TO 7470  TABLE  365    $ PIER 6 DELTA AT BRG
       7487 TO 7490  TABLE  366    $ PIER 7 DELTA AT BRG
       7507 TO 7510  TABLE  367    $ PIER 8 DELTA AT BRG
       7527 TO 7530  TABLE  368    $ PIER 9 DELTA AT BRG
       7547 TO 7550  TABLE  369    $ PIER 10 DELTA AT BRG
$
$
$ GIRDER 5
$  DELTA LEGS
       9400 TO 9406  9411 TO 9417  TABLE  354    $ PIER 3 DELTA
       9420 TO 9426  9431 TO 9437  TABLE  355    $ PIER 4 DELTA
       9440 TO 9446  9451 TO 9457  TABLE  356    $ PIER 5 DELTA
       9460 TO 9466  9471 TO 9477  TABLE  357    $ PIER 6 DELTA
       9480 TO 9486  9491 TO 9497  TABLE  358    $ PIER 7 DELTA
       9500 TO 9506  9511 TO 9517  TABLE  359    $ PIER 8 DELTA
       9520 TO 9526  9531 TO 9537  TABLE  360    $ PIER 9 DELTA
       9540 TO 9546  9551 TO 9557  TABLE  361    $ PIER 10 DELTA
$
       9407 TO 9410  TABLE  362    $ PIER 3 DELTA AT BRG
       9427 TO 9430  TABLE  363    $ PIER 4 DELTA AT BRG
       9447 TO 9450  TABLE  364    $ PIER 5 DELTA AT BRG
       9467 TO 9470  TABLE  365    $ PIER 6 DELTA AT BRG
       9487 TO 9490  TABLE  366    $ PIER 7 DELTA AT BRG
       9507 TO 9510  TABLE  367    $ PIER 8 DELTA AT BRG
       9527 TO 9530  TABLE  368    $ PIER 9 DELTA AT BRG
       9547 TO 9550  TABLE  369    $ PIER 10 DELTA AT BRG
$
$
$
$
$
$ STRINGERS
       2000 TO 2271  TABLE  470    $ STRINGER 1
       2372 TO 2400 2572 TO 2600  TABLE  470    $ STRINGER 1, SPAN 11
$
       4000 TO 4271  TABLE  470    $ STRINGER 2
       4372 TO 4400 4572 TO 4600  TABLE  470    $ STRINGER 2, SPAN 11
$
       6000 TO 6271  TABLE  470    $ STRINGER 3
       6372 TO 6399 6572 TO 6599  TABLE  470    $ STRINGER 3, SPAN 11
$
       8000 TO 8271  TABLE  470    $ STRINGER 4
       8372 TO 8398 8572 TO 8598  TABLE  470    $ STRINGER 4, SPAN 11
$
$
UNITS INCHES
MEMBER ECCENTRICITY
     1400 TO 1540 BY 20 RELA BEG 0.0 -165.70 0.0
     3400 TO 3540 BY 20 RELA BEG 0.0 -165.70 0.0
     5400 TO 5540 BY 20 RELA BEG 0.0 -165.70 0.0
     7400 TO 7540 BY 20 RELA BEG 0.0 -165.70 0.0
     9400 TO 9540 BY 20 RELA BEG 0.0 -165.70 0.0
     1417 TO 1547 BY 20 RELA END 0.0 -165.70 0.0
     3417 TO 3547 BY 20 RELA END 0.0 -165.70 0.0
     5417 TO 5547 BY 20 RELA END 0.0 -165.70 0.0
     7417 TO 7547 BY 20 RELA END 0.0 -165.70 0.0
     9417 TO 9547 BY 20 RELA END 0.0 -165.70 0.0
     1557 TO 9557 BY 2000 RELA END 0.0 -162.12 0.0
$
$
$ THE FOLLOWING MEMBER ECCENTRICITIES WILL MOVE THE
$ GIRDERS DOWN A DISTANCE EQUIVALENT TO YC - TOP FLANGE
$ THICKNESS AND WILL MOVE THE DECK MEMBERS UP A DISTANCE
$ OF THE HAUNCH + DECK THICKNESS/2
$
UNITS INCHES
MEMBER ECCENTRICITIES
$ CONSTANT DEPTH SECTIONS
$ GIRDER 1 AND 2
       1000 TO 1014 3000 TO 3014 RELA BEG  END 0.0 -55.431    $ SPAN 3
       1041 TO 1050 3041 TO 3050 RELA BEG  END 0.0 -48.000    $ SPAN 4
       1077 TO 1088 3077 TO 3088 RELA BEG  END 0.0 -51.491    $ SPAN 5
       1115 TO 1126 3115 TO 3126 RELA BEG  END 0.0 -51.450    $ SPAN 6
       1153 TO 1162 3153 TO 3162 RELA BEG  END 0.0 -48.000    $ SPAN 7
       1189 TO 1198 3189 TO 3198 RELA BEG  END 0.0 -46.220    $ SPAN 8
       1225 TO 1233 3225 TO 3233 RELA BEG  END 0.0 -48.000    $ SPAN 9
       1261 TO 1271 3262 TO 3271 RELA BEG  END 0.0 -51.041    $ SPAN 10
       1298 TO 1312 3300 TO 3315 RELA BEG  END 0.0 -57.000    $ SPAN 11
$
$ GIRDER 3, 4, AND 5
       5000 TO 5014 7000 TO 7014 9000 TO 9014 RELA BEG  END 0.0 -55.431    $ SPAN 3
       5041 TO 5050 7041 TO 7050 9041 TO 9050 RELA BEG  END 0.0 -48.000    $ SPAN 4
       5077 TO 5088 7077 TO 7088 9077 TO 9088 RELA BEG  END 0.0 -51.491    $ SPAN 5
       5115 TO 5126 7115 TO 7126 9115 TO 9126 RELA BEG  END 0.0 -51.450    $ SPAN 6
       5153 TO 5162 7153 TO 7162 9153 TO 9162 RELA BEG  END 0.0 -48.000    $ SPAN 7
       5189 TO 5198 7189 TO 7198 9189 TO 9198 RELA BEG  END 0.0 -46.220    $ SPAN 8
       5225 TO 5232 7225 TO 7232 9225 TO 9231 RELA BEG  END 0.0 -48.000    $ SPAN 9
       5262 TO 5270 7260 TO 7268 9261 TO 9268 RELA BEG  END 0.0 -51.041    $ SPAN 10
       5297 TO 5312 7295 TO 7310 9295 TO 9311 RELA BEG  END 0.0 -57.000    $ SPAN 11
$
$
$ OVER PIERS
$ GIRDER 1
       1021 TO 1034 RELA BEG  END 0.0 -48.000    $ PIER 3
       1057 TO 1070 RELA BEG  END 0.0 -48.000    $ PIER 4
       1095 TO 1108 RELA BEG  END 0.0 -48.000    $ PIER 5
       1133 TO 1146 RELA BEG  END 0.0 -48.000    $ PIER 6
       1169 TO 1182 RELA BEG  END 0.0 -48.000    $ PIER 7
       1205 TO 1218 RELA BEG  END 0.0 -48.000    $ PIER 8
       1242 TO 1252 RELA BEG  END 0.0 -48.000    $ PIER 9
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       1280 TO 1289 RELA BEG  END 0.0 -48.000    $ PIER 10
$
$ GIRDER 2
       3021 TO 3034 RELA BEG  END 0.0 -48.000    $ PIER 3
       3057 TO 3070 RELA BEG  END 0.0 -48.000    $ PIER 4
       3095 TO 3108 RELA BEG  END 0.0 -48.000    $ PIER 5
       3133 TO 3146 RELA BEG  END 0.0 -48.000    $ PIER 6
       3169 TO 3182 RELA BEG  END 0.0 -48.000    $ PIER 7
       3205 TO 3218 RELA BEG  END 0.0 -48.000    $ PIER 8
       3242 TO 3252 RELA BEG  END 0.0 -48.000    $ PIER 9
       3281 TO 3290 RELA BEG  END 0.0 -48.000    $ PIER 10
$
$ GIRDER 3
       5021 TO 5034 RELA BEG  END 0.0 -48.000    $ PIER 3
       5057 TO 5070 RELA BEG  END 0.0 -48.000    $ PIER 4
       5095 TO 5108 RELA BEG  END 0.0 -48.000    $ PIER 5
       5133 TO 5146 RELA BEG  END 0.0 -48.000    $ PIER 6
       5169 TO 5182 RELA BEG  END 0.0 -48.000    $ PIER 7
       5205 TO 5218 RELA BEG  END 0.0 -48.000    $ PIER 8
       5241 TO 5252 RELA BEG  END 0.0 -48.000    $ PIER 9
       5279 TO 5288 RELA BEG  END 0.0 -48.000    $ PIER 10
$
$ GIRDER 4
       7021 TO 7034 RELA BEG  END 0.0 -48.000    $ PIER 3
       7057 TO 7070 RELA BEG  END 0.0 -48.000    $ PIER 4
       7095 TO 7108 RELA BEG  END 0.0 -48.000    $ PIER 5
       7133 TO 7146 RELA BEG  END 0.0 -48.000    $ PIER 6
       7169 TO 7182 RELA BEG  END 0.0 -48.000    $ PIER 7
       7205 TO 7218 RELA BEG  END 0.0 -48.000    $ PIER 8
       7241 TO 7251 RELA BEG  END 0.0 -48.000    $ PIER 9
       7277 TO 7286 RELA BEG  END 0.0 -48.000    $ PIER 10
$
$ GIRDER 5
       9021 TO 9034 RELA BEG  END 0.0 -48.000    $ PIER 3
       9057 TO 9070 RELA BEG  END 0.0 -48.000    $ PIER 4
       9095 TO 9108 RELA BEG  END 0.0 -48.000    $ PIER 5
       9133 TO 9146 RELA BEG  END 0.0 -48.000    $ PIER 6
       9169 TO 9182 RELA BEG  END 0.0 -48.000    $ PIER 7
       9205 TO 9218 RELA BEG  END 0.0 -48.000    $ PIER 8
       9242 TO 9252 RELA BEG  END 0.0 -48.000    $ PIER 9
       9277 TO 9286 RELA BEG  END 0.0 -48.000    $ PIER 10
$
$
$ GIRDERS 1 TO 5
$ TAPER AT START OR END OF DELTA
       1015 3015 5015 7015 9015 RELA BEG 0.0 -48.000 END 0.0 -49.125    $ PIER 3 START
       1016 3016 5016 7016 9016 RELA BEG 0.0 -49.125 END 0.0 -53.750
       1017 3017 5017 7017 9017 RELA BEG 0.0 -53.750 END 0.0 -63.438
       1018 3018 5018 7018 9018 RELA BEG 0.0 -63.438 END 0.0 -76.813
       1019 3019 5019 7019 9019 RELA BEG 0.0 -76.813 END 0.0 -94.375
       1020 3020 5020 7020 9020 RELA BEG 0.0 -48.000 END 0.0 -48.000
$
       1035 3035 5035 7035 9035 RELA BEG 0.0 -48.000 END 0.0 -48.000    $ PIER 3 END
       1036 3036 5036 7036 9036 RELA BEG 0.0 -94.375 END 0.0 -76.813
       1037 3037 5037 7037 9037 RELA BEG 0.0 -76.813 END 0.0 -63.438
       1038 3038 5038 7038 9038 RELA BEG 0.0 -63.438 END 0.0 -53.750
       1039 3039 5039 7039 9039 RELA BEG 0.0 -53.750 END 0.0 -49.125
       1040 3040 5040 7040 9040 RELA BEG 0.0 -49.125 END 0.0 -48.000
$
       1051 3051 5051 7051 9051 RELA BEG 0.0 -48.000 END 0.0 -49.125    $ PIER 4 START
       1052 3052 5052 7052 9052 RELA BEG 0.0 -49.125 END 0.0 -53.750
       1053 3053 5053 7053 9053 RELA BEG 0.0 -53.997 END 0.0 -63.711
       1054 3054 5054 7054 9054 RELA BEG 0.0 -63.711 END 0.0 -77.118
       1055 3055 5055 7055 9055 RELA BEG 0.0 -77.118 END 0.0 -94.713
       1056 3056 5056 7056 9056 RELA BEG 0.0 -48.229 END 0.0 -48.229
$
       1071 3071 5071 7071 9071 RELA BEG 0.0 -48.229 END 0.0 -48.229    $ PIER 4 END
       1072 3072 5072 7072 9072 RELA BEG 0.0 -94.713 END 0.0 -77.118
       1073 3073 5073 7073 9073 RELA BEG 0.0 -77.118 END 0.0 -63.711
       1074 3074 5074 7074 9074 RELA BEG 0.0 -63.711 END 0.0 -53.997
       1075 3075 5075 7075 9075 RELA BEG 0.0 -53.750 END 0.0 -49.125
       1076 3076 5076 7076 9076 RELA BEG 0.0 -49.125 END 0.0 -48.000
$
       1089 3089 5089 7089 9089 RELA BEG 0.0 -48.000 END 0.0 -49.125    $ PIER 5 START
       1090 3090 5090 7090 9090 RELA BEG 0.0 -49.125 END 0.0 -53.750
       1091 3091 5091 7091 9091 RELA BEG 0.0 -53.750 END 0.0 -63.438
       1092 3092 5092 7092 9092 RELA BEG 0.0 -63.438 END 0.0 -76.813
       1093 3093 5093 7093 9093 RELA BEG 0.0 -76.813 END 0.0 -94.375
       1094 3094 5094 7094 9094 RELA BEG 0.0 -48.000 END 0.0 -48.000
$
       1109 3109 5109 7109 9109 RELA BEG 0.0 -48.000 END 0.0 -48.000    $ PIER 5 END
       1110 3110 5110 7110 9110 RELA BEG 0.0 -94.375 END 0.0 -76.813
       1111 3111 5111 7111 9111 RELA BEG 0.0 -76.813 END 0.0 -63.438
       1112 3112 5112 7112 9112 RELA BEG 0.0 -63.438 END 0.0 -53.750
       1113 3113 5113 7113 9113 RELA BEG 0.0 -53.750 END 0.0 -49.125
       1114 3114 5114 7114 9114 RELA BEG 0.0 -49.125 END 0.0 -48.000
$
       1127 3127 5127 7127 9127 RELA BEG 0.0 -48.000 END 0.0 -49.125    $ PIER 6 START
       1128 3128 5128 7128 9128 RELA BEG 0.0 -49.125 END 0.0 -53.750
       1129 3129 5129 7129 9129 RELA BEG 0.0 -53.750 END 0.0 -63.438
       1130 3130 5130 7130 9130 RELA BEG 0.0 -63.438 END 0.0 -76.813
       1131 3131 5131 7131 9131 RELA BEG 0.0 -76.813 END 0.0 -94.375
       1132 3132 5132 7132 9132 RELA BEG 0.0 -48.000 END 0.0 -48.000
$
       1147 3147 5147 7147 9147 RELA BEG 0.0 -48.000 END 0.0 -48.000    $ PIER 6 END
       1148 3148 5148 7148 9148 RELA BEG 0.0 -94.375 END 0.0 -76.813
       1149 3149 5149 7149 9149 RELA BEG 0.0 -76.813 END 0.0 -63.438
       1150 3150 5150 7150 9150 RELA BEG 0.0 -63.438 END 0.0 -53.750
       1151 3151 5151 7151 9151 RELA BEG 0.0 -53.750 END 0.0 -49.125
       1152 3152 5152 7152 9152 RELA BEG 0.0 -49.125 END 0.0 -48.000
$
       1163 3163 5163 7163 9163 RELA BEG 0.0 -48.000 END 0.0 -49.125    $ PIER 7 START
       1164 3164 5164 7164 9164 RELA BEG 0.0 -49.125 END 0.0 -53.750
       1165 3165 5165 7165 9165 RELA BEG 0.0 -53.750 END 0.0 -63.438
       1166 3166 5166 7166 9166 RELA BEG 0.0 -63.438 END 0.0 -76.813
       1167 3167 5167 7167 9167 RELA BEG 0.0 -76.813 END 0.0 -94.375
       1168 3168 5168 7168 9168 RELA BEG 0.0 -48.000 END 0.0 -48.000
$
```



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       1183 3183 5183 7183 9183 RELA BEG 0.0 -48.000 END 0.0 -48.000    $ PIER 7 END
       1184 3184 5184 7184 9184 RELA BEG 0.0 -94.375 END 0.0 -76.813
       1185 3185 5185 7185 9185 RELA BEG 0.0 -76.813 END 0.0 -63.438
       1186 3186 5186 7186 9186 RELA BEG 0.0 -63.438 END 0.0 -53.750
       1187 3187 5187 7187 9187 RELA BEG 0.0 -53.750 END 0.0 -49.125
       1188 3188 5188 7188 9188 RELA BEG 0.0 -49.125 END 0.0 -48.000
$
       1199 3199 5199 7199 9199 RELA BEG 0.0 -49.673 END 0.0 -50.820    $ PIER 8 START
       1200 3200 5200 7200 9200 RELA BEG 0.0 -50.820 END 0.0 -55.532
       1201 3201 5201 7201 9201 RELA BEG 0.0 -55.311 END 0.0 -65.133
       1202 3202 5202 7202 9202 RELA BEG 0.0 -65.133 END 0.0 -78.665
       1203 3203 5203 7203 9203 RELA BEG 0.0 -78.665 END 0.0 -96.394
       1204 3204 5204 7204 9204 RELA BEG 0.0 -49.471 END 0.0 -49.471
$
       1219 3219 5219 7219 9219 RELA BEG 0.0 -49.471 END 0.0 -49.471    $ PIER 8 END
       1220 3220 5220 7220 9220 RELA BEG 0.0 -96.394 END 0.0 -78.665
       1221 3221 5221 7221 9221 RELA BEG 0.0 -78.665 END 0.0 -65.133
       1222 3222 5222 7222 9222 RELA BEG 0.0 -65.133 END 0.0 -55.311
       1223 3223 5223 7223 9223 RELA BEG 0.0 -55.532 END 0.0 -50.820
       1224 3224 5224 7224 9224 RELA BEG 0.0 -50.820 END 0.0 -49.673
$
$
$ GIRDER 1
       1234 RELA BEG 0.0 -48.000 END 0.0 -48.210    $ PIER 9 START
       1235 RELA BEG 0.0 -48.210 END 0.0 -50.705
       1236 RELA BEG 0.0 -50.705 END 0.0 -53.750
       1237 RELA BEG 0.0 -53.750 END 0.0 -56.710
       1238 RELA BEG 0.0 -56.710 END 0.0 -65.515
       1239 RELA BEG 0.0 -65.515 END 0.0 -77.625
       1240 RELA BEG 0.0 -77.625 END 0.0 -94.330
       1241 RELA BEG 0.0 -48.000 END 0.0 -48.000
$
       1253 RELA BEG 0.0 -48.000 END 0.0 -48.000    $ PIER 9 END
       1254 RELA BEG 0.0 -48.000 END 0.0 -48.000
       1255 RELA BEG 0.0 -94.355 END 0.0 -82.575
       1256 RELA BEG 0.0 -82.575 END 0.0 -73.475
       1257 RELA BEG 0.0 -73.475 END 0.0 -62.865
       1258 RELA BEG 0.0 -62.865 END 0.0 -53.750
       1259 RELA BEG 0.0 -53.750 END 0.0 -49.410
       1260 RELA BEG 0.0 -49.410 END 0.0 -48.000
$
$
       1272 RELA BEG 0.0 -48.000 END 0.0 -48.335    $ PIER 10 START
       1273 RELA BEG 0.0 -48.335 END 0.0 -50.235
       1274 RELA BEG 0.0 -50.235 END 0.0 -53.750
       1275 RELA BEG 0.0 -52.621 END 0.0 -55.139
       1276 RELA BEG 0.0 -55.139 END 0.0 -64.657
       1277 RELA BEG 0.0 -64.657 END 0.0 -79.107
       1278 RELA BEG 0.0 -79.107 END 0.0 -92.795
       1279 RELA BEG 0.0 -46.947 END 0.0 -46.947
$
       1290 RELA BEG 0.0 -46.947 END 0.0 -46.947    $ PIER 10 END
       1291 RELA BEG 0.0 -91.034 END 0.0 -80.945
       1292 RELA BEG 0.0 -80.945 END 0.0 -67.635
       1293 RELA BEG 0.0 -67.635 END 0.0 -59.995
       1294 RELA BEG 0.0 -59.995 END 0.0 -57.127
       1295 RELA BEG 0.0 -58.313 END 0.0 -57.070
       1296 RELA BEG 0.0 -57.070 END 0.0 -57.000
       1297 RELA BEG 0.0 -57.000 END 0.0 -57.000
$
$
$ GIRDER 2
       3234 RELA BEG 0.0 -48.000 END 0.0 -49.250    $ PIER 9 START
       3235 RELA BEG 0.0 -49.250 END 0.0 -51.220
       3236 RELA BEG 0.0 -51.220 END 0.0 -53.750
       3237 RELA BEG 0.0 -53.750 END 0.0 -60.540
       3238 RELA BEG 0.0 -60.540 END 0.0 -70.315
       3239 RELA BEG 0.0 -70.315 END 0.0 -83.550
       3240 RELA BEG 0.0 -83.550 END 0.0 -94.310
       3241 RELA BEG 0.0 -48.000 END 0.0 -48.000
$
       3253 RELA BEG 0.0 -48.000 END 0.0 -48.000    $ PIER 9 END
       3254 RELA BEG 0.0 -48.000 END 0.0 -48.000
       3255 RELA BEG 0.0 -94.370 END 0.0 -77.935
       3256 RELA BEG 0.0 -77.935 END 0.0 -68.535
       3257 RELA BEG 0.0 -68.535 END 0.0 -59.530
       3258 RELA BEG 0.0 -59.530 END 0.0 -53.750
       3259 RELA BEG 0.0 -53.750 END 0.0 -52.165
       3260 RELA BEG 0.0 -52.165 END 0.0 -49.390
       3261 RELA BEG 0.0 -49.390 END 0.0 -48.000
$
$
       3272 RELA BEG 0.0 -48.000 END 0.0 -49.405    $ PIER 10 START
       3273 RELA BEG 0.0 -49.405 END 0.0 -52.550
       3274 RELA BEG 0.0 -52.550 END 0.0 -53.750
       3275 RELA BEG 0.0 -52.621 END 0.0 -58.340
       3276 RELA BEG 0.0 -58.340 END 0.0 -66.067
       3277 RELA BEG 0.0 -66.067 END 0.0 -77.933
       3278 RELA BEG 0.0 -77.933 END 0.0 -92.795
       3279 RELA BEG 0.0 -46.947 END 0.0 -46.947
       3280 RELA BEG 0.0 -46.947 END 0.0 -46.947
$
       3291 RELA BEG 0.0 -46.947 END 0.0 -46.947    $ PIER 10 END
       3292 RELA BEG 0.0 -46.947 END 0.0 -46.947
       3293 RELA BEG 0.0 -91.034 END 0.0 -78.626
       3294 RELA BEG 0.0 -78.626 END 0.0 -68.456
       3295 RELA BEG 0.0 -68.456 END 0.0 -60.647
       3296 RELA BEG 0.0 -60.647 END 0.0 -57.127
       3297 RELA BEG 0.0 -58.313 END 0.0 -57.390
       3298 RELA BEG 0.0 -57.390 END 0.0 -57.000
       3299 RELA BEG 0.0 -57.000 END 0.0 -57.000
$
$
$ GIRDER 3
       5233 RELA BEG 0.0 -48.000 END 0.0 -48.795    $ PIER 9 START
       5234 RELA BEG 0.0 -48.795 END 0.0 -51.175
       5235 RELA BEG 0.0 -51.175 END 0.0 -53.750
       5236 RELA BEG 0.0 -53.750 END 0.0 -59.385
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      5237 RELA BEG 0.0 -59.385 END 0.0 -65.085
      5238 RELA BEG 0.0 -65.085 END 0.0 -75.725
      5239 RELA BEG 0.0 -75.725 END 0.0 -94.310
      5240 RELA BEG 0.0 -48.000 END 0.0 -48.000
$
      5253 RELA BEG 0.0 -48.000 END 0.0 -48.000    $ PIER 9 END
      5254 RELA BEG 0.0 -94.370 END 0.0 -90.245
      5255 RELA BEG 0.0 -90.245 END 0.0 -73.580
      5256 RELA BEG 0.0 -73.580 END 0.0 -64.080
      5257 RELA BEG 0.0 -64.080 END 0.0 -58.625
      5258 RELA BEG 0.0 -58.625 END 0.0 -53.750
      5259 RELA BEG 0.0 -53.750 END 0.0 -50.310
      5260 RELA BEG 0.0 -50.310 END 0.0 -48.705
      5261 RELA BEG 0.0 -48.705 END 0.0 -48.000
$
$
      5271 RELA BEG 0.0 -48.000 END 0.0 -48.695    $ PIER 10 START
      5272 RELA BEG 0.0 -48.695 END 0.0 -50.710
      5273 RELA BEG 0.0 -50.710 END 0.0 -53.750
      5274 RELA BEG 0.0 -52.621 END 0.0 -60.331
      5275 RELA BEG 0.0 -60.331 END 0.0 -69.857
      5276 RELA BEG 0.0 -69.857 END 0.0 -81.505
      5277 RELA BEG 0.0 -81.505 END 0.0 -92.686
      5278 RELA BEG 0.0 -46.947 END 0.0 -46.947
$
      5289 RELA BEG 0.0 -46.947 END 0.0 -46.947    $ PIER 10 END
      5290 RELA BEG 0.0 -91.034 END 0.0 -77.348
      5291 RELA BEG 0.0 -77.348 END 0.0 -66.646
      5292 RELA BEG 0.0 -66.646 END 0.0 -60.138
      5293 RELA BEG 0.0 -60.138 END 0.0 -57.127
      5294 RELA BEG 0.0 -58.313 END 0.0 -57.045
      5295 RELA BEG 0.0 -57.045 END 0.0 -57.000
      5296 RELA BEG 0.0 -57.000 END 0.0 -57.000
$
$
$ GIRDER 4
      7233 RELA BEG 0.0 -48.000 END 0.0 -48.615    $ PIER 9 START
      7234 RELA BEG 0.0 -48.615 END 0.0 -51.065
      7235 RELA BEG 0.0 -51.065 END 0.0 -53.750
      7236 RELA BEG 0.0 -53.750 END 0.0 -61.235
      7237 RELA BEG 0.0 -61.235 END 0.0 -70.385
      7238 RELA BEG 0.0 -70.385 END 0.0 -81.785
      7239 RELA BEG 0.0 -81.785 END 0.0 -94.360
      7240 RELA BEG 0.0 -48.000 END 0.0 -48.000
$
      7252 RELA BEG 0.0 -48.000 END 0.0 -48.000    $ PIER 9 END
      7253 RELA BEG 0.0 -94.370 END 0.0 -83.695
      7254 RELA BEG 0.0 -83.695 END 0.0 -69.540
      7255 RELA BEG 0.0 -69.540 END 0.0 -60.140
      7256 RELA BEG 0.0 -60.140 END 0.0 -53.750
      7257 RELA BEG 0.0 -53.750 END 0.0 -50.500
      7258 RELA BEG 0.0 -50.500 END 0.0 -48.990
      7259 RELA BEG 0.0 -48.990 END 0.0 -48.000
$
$
      7269 RELA BEG 0.0 -48.000 END 0.0 -49.490    $ PIER 10 START
      7270 RELA BEG 0.0 -49.490 END 0.0 -53.750
      7271 RELA BEG 0.0 -52.621 END 0.0 -61.320
      7272 RELA BEG 0.0 -61.320 END 0.0 -74.174
      7273 RELA BEG 0.0 -74.174 END 0.0 -81.223
      7274 RELA BEG 0.0 -81.223 END 0.0 -92.810
      7275 RELA BEG 0.0 -46.947 END 0.0 -46.947
      7276 RELA BEG 0.0 -46.947 END 0.0 -46.947
$
      7287 RELA BEG 0.0 -46.947 END 0.0 -46.947    $ PIER 10 END
      7288 RELA BEG 0.0 -91.034 END 0.0 -76.457
      7289 RELA BEG 0.0 -76.457 END 0.0 -65.864
      7290 RELA BEG 0.0 -65.864 END 0.0 -60.885
      7291 RELA BEG 0.0 -60.885 END 0.0 -57.127
      7292 RELA BEG 0.0 -58.313 END 0.0 -57.395
      7293 RELA BEG 0.0 -57.395 END 0.0 -57.000
      7294 RELA BEG 0.0 -57.000 END 0.0 -57.000
$
$
$ GIRDER 5
      9232 RELA BEG 0.0 -48.000 END 0.0 -48.205    $ PIER 9 START
      9233 RELA BEG 0.0 -48.205 END 0.0 -50.405
      9234 RELA BEG 0.0 -50.405 END 0.0 -53.750
      9235 RELA BEG 0.0 -53.750 END 0.0 -57.725
      9236 RELA BEG 0.0 -57.725 END 0.0 -66.090
      9237 RELA BEG 0.0 -66.090 END 0.0 -76.395
      9238 RELA BEG 0.0 -76.395 END 0.0 -88.430
      9239 RELA BEG 0.0 -88.430 END 0.0 -94.360
      9240 RELA BEG 0.0 -48.000 END 0.0 -48.000
      9241 RELA BEG 0.0 -48.000 END 0.0 -48.000
$
      9253 RELA BEG 0.0 -48.000 END 0.0 -48.000    $ PIER 9 END
      9254 RELA BEG 0.0 -94.370 END 0.0 -77.660
      9255 RELA BEG 0.0 -77.660 END 0.0 -65.810
      9256 RELA BEG 0.0 -65.810 END 0.0 -56.730
      9257 RELA BEG 0.0 -56.730 END 0.0 -53.750
      9258 RELA BEG 0.0 -53.750 END 0.0 -49.535
      9259 RELA BEG 0.0 -49.535 END 0.0 -48.215
      9260 RELA BEG 0.0 -48.215 END 0.0 -48.000
$
$
      9269 RELA BEG 0.0 -48.000 END 0.0 -49.455    $ PIER 10 START
      9270 RELA BEG 0.0 -49.455 END 0.0 -53.750
      9271 RELA BEG 0.0 -52.621 END 0.0 -57.959
      9272 RELA BEG 0.0 -57.959 END 0.0 -62.219
      9273 RELA BEG 0.0 -62.219 END 0.0 -74.738
      9274 RELA BEG 0.0 -74.738 END 0.0 -92.795
      9275 RELA BEG 0.0 -46.947 END 0.0 -46.947
      9276 RELA BEG 0.0 -46.947 END 0.0 -46.947
$
      9287 RELA BEG 0.0 -46.947 END 0.0 -46.947    $ PIER 10 END
      9288 RELA BEG 0.0 -91.034 END 0.0 -77.046
      9289 RELA BEG 0.0 -77.046 END 0.0 -65.597
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      9290 RELA BEG 0.0 -65.597 END 0.0 -58.646
      9291 RELA BEG 0.0 -58.646 END 0.0 -57.127
      9292 RELA BEG 0.0 -58.313 END 0.0 -57.025
      9293 RELA BEG 0.0 -57.025 END 0.0 -57.000
      9294 RELA BEG 0.0 -57.000 END 0.0 -57.000
$
$
$
$
$
$ BEAM MEMBERS
$ STRINGERS
      2000 TO 2271 2372 TO 2400 2572 TO 2600 RELA BEG  END 0.0 -8.4
      4000 TO 4271 4372 TO 4400 4572 TO 4600 RELA BEG  END 0.0 -8.4
      6000 TO 6271 6372 TO 6399 6572 TO 6599 RELA BEG  END 0.0 -8.4
      8000 TO 8271 8372 TO 8398 8572 TO 8598 RELA BEG  END 0.0 -8.4
$
$
$
$
$
$
$
$
$
$ DECK MEMBERS
$ EXTERIOR GIRDERS  (GIRDERS 1, 5)
$ CONSTANT DEPTH SECTIONS
      31000 TO 31014 39000 TO 39014 RELA BEG  END 0.0 10.500    $ SPAN 3
      31041 TO 31050 39041 TO 39050 RELA BEG  END 0.0 10.500    $ SPAN 4
      31077 TO 31088 39077 TO 39088 RELA BEG  END 0.0 10.500    $ SPAN 5
      31115 TO 31126 39115 TO 39126 RELA BEG  END 0.0 10.500    $ SPAN 6
      31153 TO 31162 39153 TO 39162 RELA BEG  END 0.0 10.500    $ SPAN 7
      31189 TO 31198 39189 TO 39198 RELA BEG  END 0.0 10.000    $ SPAN 8
      31225 TO 31233 39225 TO 39231 RELA BEG  END 0.0 10.000    $ SPAN 9
      31261 TO 31271 39261 TO 39268 RELA BEG  END 0.0 10.000    $ SPAN 10
      31298 TO 31312 39295 TO 39311 RELA BEG  END 0.0 10.500    $ SPAN 11
$
$ INTERIOR GIRDERS (2, 3, AND 4)
      33000 TO 33014 35000 TO 35014 37000 TO 37014 RELA BEG  END 0.0 10.500    $ SPAN 3
      33041 TO 33050 35041 TO 35050 37041 TO 37050 RELA BEG  END 0.0 10.500    $ SPAN 4
      33077 TO 33088 35077 TO 35088 37077 TO 37088 RELA BEG  END 0.0 10.500    $ SPAN 5
      33115 TO 33126 35115 TO 35126 37115 TO 37126 RELA BEG  END 0.0 10.500    $ SPAN 6
      33153 TO 33162 35153 TO 35162 37153 TO 37162 RELA BEG  END 0.0 10.500    $ SPAN 7
      33189 TO 33198 35189 TO 35198 37189 TO 37198 RELA BEG  END 0.0 10.000    $ SPAN 8
      33225 TO 33233 35225 TO 35232 37225 TO 37232 RELA BEG  END 0.0 10.000    $ SPAN 9
      33262 TO 33271 35262 TO 35270 37260 TO 37268 RELA BEG  END 0.0 10.000    $ SPAN 10
      33300 TO 33315 35297 TO 35312 37295 TO 37310 RELA BEG  END 0.0 10.500    $ SPAN 11
$
$
$
$ EXTERIOR DECK (OVER PIERS)
      31021 TO 31034 39021 TO 39034 RELA BEG  END 0.0 10.500    $ PIER 3
      31057 TO 31070 39057 TO 39070 RELA BEG  END 0.0 10.500    $ PIER 4
      31095 TO 31108 39095 TO 39108 RELA BEG  END 0.0 10.500    $ PIER 5
      31133 TO 31146 39133 TO 39146 RELA BEG  END 0.0 10.500    $ PIER 6
      31169 TO 31182 39169 TO 39182 RELA BEG  END 0.0 10.500    $ PIER 7
      31205 TO 31218 39205 TO 39218 RELA BEG  END 0.0 10.000    $ PIER 8
      31242 TO 31252 39242 TO 39252 RELA BEG  END 0.0 10.000    $ PIER 9
      31280 39277 TO 39281 RELA BEG  END 0.0 10.000    $ PIER 10 Back
      31281 TO 31289 39282 TO 39286 RELA BEG  END 0.0 10.500    $ PIER 10 Ahead
$
$
$ INTERIOR DECK (OVER PIERS)
      33021 TO 33034 35021 TO 35034 37021 TO 37034 RELA BEG  END 0.0 10.500    $ PIER 3
      33057 TO 33070 35057 TO 35070 37057 TO 37070 RELA BEG  END 0.0 10.500    $ PIER 4
      33095 TO 33108 35095 TO 35108 37095 TO 37108 RELA BEG  END 0.0 10.500    $ PIER 5
      33133 TO 33146 35133 TO 35146 37133 TO 37146 RELA BEG  END 0.0 10.500    $ PIER 6
      33169 TO 33182 35169 TO 35182 37169 TO 37182 RELA BEG  END 0.0 10.500    $ PIER 7
      33205 TO 33218 35205 TO 35218 37205 TO 37218 RELA BEG  END 0.0 10.000    $ PIER 8
      33242 TO 33252 35241 TO 35252 37241 TO 37251 RELA BEG  END 0.0 10.000    $ PIER 9
      33281 TO 33282 35279 TO 35281 37277 TO 37280 RELA BEG  END 0.0 10.000    $ PIER 10 Back
      33283 TO 33290 35282 TO 35288 37281 TO 37286 RELA BEG  END 0.0 10.500    $ PIER 10 Ahead
$
$
$
$
$ EXTERIOR DECK (TRANSITION AT START OR END OF DELTA)
      31015 TO 31020 39015 TO 39020 RELA BEG  END 0.0 10.500    $ PIER 3 BACK
      31035 TO 31040 39035 TO 39040 RELA BEG  END 0.0 10.500    $ PIER 3 AHEAD
      31051 TO 31056 39051 TO 39056 RELA BEG  END 0.0 10.500    $ PIER 4 BACK
      31071 TO 31076 39071 TO 39076 RELA BEG  END 0.0 10.500    $ PIER 4 AHEAD
      31089 TO 31094 39089 TO 39094 RELA BEG  END 0.0 10.500    $ PIER 5 BACK
      31109 TO 31114 39109 TO 39114 RELA BEG  END 0.0 10.500    $ PIER 5 AHEAD
      31127 TO 31132 39127 TO 39132 RELA BEG  END 0.0 10.500    $ PIER 6 BACK
      31147 TO 31152 39147 TO 39152 RELA BEG  END 0.0 10.500    $ PIER 6 AHEAD
      31163 TO 31168 39163 TO 39168 RELA BEG  END 0.0 10.500    $ PIER 7 BACK
      31183 TO 31188 39183 TO 39188 RELA BEG  END 0.0 10.500    $ PIER 7 AHEAD
      31199 TO 31204 39199 TO 39204 RELA BEG  END 0.0 10.000    $ PIER 8 BACK
      31219 TO 31224 39219 TO 39224 RELA BEG  END 0.0 10.000    $ PIER 8 AHEAD
      31234 TO 31241 39232 TO 39241 RELA BEG  END 0.0 10.000    $ PIER 9 BACK
      31253 TO 31260 39253 TO 39260 RELA BEG  END 0.0 10.000    $ PIER 9 AHEAD
      31272 TO 31279 39269 TO 39276 RELA BEG  END 0.0 10.000    $ PIER 10 BACK
      31290 TO 31297 39287 TO 39294 RELA BEG  END 0.0 10.500    $ PIER 10 AHEAD
$
$
$ INTERIOR DECK (TRANSITION AT START OR END OF DELTA)
      33015 TO 33020 35015 TO 35020 37015 TO 37020 RELA BEG  END 0.0 10.500    $ PIER 3 BACK
      33035 TO 33040 35035 TO 35040 37035 TO 37040 RELA BEG  END 0.0 10.500    $ PIER 3 AHEAD
      33051 TO 33056 35051 TO 35056 37051 TO 37056 RELA BEG  END 0.0 10.500    $ PIER 4 BACK
      33071 TO 33076 35071 TO 35076 37071 TO 37076 RELA BEG  END 0.0 10.500    $ PIER 4 AHEAD
      33089 TO 33094 35089 TO 35094 37089 TO 37094 RELA BEG  END 0.0 10.500    $ PIER 5 BACK
      33109 TO 33114 35109 TO 35114 37109 TO 37114 RELA BEG  END 0.0 10.500    $ PIER 5 AHEAD
      33127 TO 33132 35127 TO 35132 37127 TO 37132 RELA BEG  END 0.0 10.500    $ PIER 6 BACK
      33147 TO 33152 35147 TO 35152 37147 TO 37152 RELA BEG  END 0.0 10.500    $ PIER 6 AHEAD
      33163 TO 33168 35163 TO 35168 37163 TO 37168 RELA BEG  END 0.0 10.500    $ PIER 7 BACK
      33183 TO 33188 35183 TO 35188 37183 TO 37188 RELA BEG  END 0.0 10.500    $ PIER 7 AHEAD
      33199 TO 33204 35199 TO 35204 37199 TO 37204 RELA BEG  END 0.0 10.000    $ PIER 8 BACK
      33219 TO 33224 35219 TO 35224 37219 TO 37224 RELA BEG  END 0.0 10.000    $ PIER 8 AHEAD
```

```
       33234 TO 33241 35233 TO 35240 37233 TO 37240 RELA BEG  END 0.0 10.000    $ PIER 9 BACK
       33253 TO 33261 35253 TO 35261 37252 TO 37259 RELA BEG  END 0.0 10.000    $ PIER 9 AHEAD
       33272 TO 33280 35271 TO 35278 37269 TO 37276 RELA BEG  END 0.0 10.000    $ PIER 10 BACK
       33291 TO 33299 35289 TO 35296 37287 TO 37294 RELA BEG  END 0.0 10.500    $ PIER 10 AHEAD
$
$
$
$
$ DECK MEMBERS
$ STRINGERS  (STRINGERS 1 AND 2)
$ INTERIOR DECK (CONSTANT DEPTH SECTIONS)
       32000 TO 32014 34000 TO 34014 RELA BEG  END 0.0 10.500    $ SPAN 3
       32041 TO 32050 34041 TO 34050 RELA BEG  END 0.0 10.500    $ SPAN 4
       32077 TO 32088 34077 TO 34088 RELA BEG  END 0.0 10.500    $ SPAN 5
       32115 TO 32126 34115 TO 34126 RELA BEG  END 0.0 10.500    $ SPAN 6
       32153 TO 32162 34153 TO 34162 RELA BEG  END 0.0 10.500    $ SPAN 7
       32189 TO 32198 34189 TO 34198 RELA BEG  END 0.0 10.000    $ SPAN 8
       32225 TO 32232 34225 TO 34232 RELA BEG  END 0.0 10.000    $ SPAN 9
       32256 TO 32264 34255 TO 34263 RELA BEG  END 0.0 10.000    $ SPAN 10
$
       32386 TO 32400 34385 TO 34400 RELA BEG  END 0.0 10.500    $ SPAN 11
       32586 TO 32600 34585 TO 34600 RELA BEG  END 0.0 10.500    $ SPAN 11
$
$ STRINGERS  (STRINGERS 3 AND 4)
$ INTERIOR DECK (CONSTANT DEPTH SECTIONS)
       36000 TO 36014 38000 TO 38014 RELA BEG  END 0.0 10.500    $ SPAN 3
       36041 TO 36050 38041 TO 38050 RELA BEG  END 0.0 10.500    $ SPAN 4
       36077 TO 36088 38077 TO 38088 RELA BEG  END 0.0 10.500    $ SPAN 5
       36115 TO 36126 38115 TO 38126 RELA BEG  END 0.0 10.500    $ SPAN 6
       36153 TO 36162 38153 TO 38162 RELA BEG  END 0.0 10.500    $ SPAN 7
       36189 TO 36198 38189 TO 38198 RELA BEG  END 0.0 10.000    $ SPAN 8
       36225 TO 36232 38225 TO 38231 RELA BEG  END 0.0 10.000    $ SPAN 9
       36255 TO 36262 38254 TO 38261 RELA BEG  END 0.0 10.000    $ SPAN 10
$
       36384 TO 36399 38383 TO 38398 RELA BEG  END 0.0 10.500    $ SPAN 11
       36584 TO 36599 38583 TO 38598 RELA BEG  END 0.0 10.500    $ SPAN 11
$
$
$ STRINGERS  (STRINGERS 1 AND 2)
$ INTERIOR DECK (OVER PIERS)
       32021 TO 32034 34021 TO 34034 RELA BEG  END 0.0 10.500    $ PIER 3
       32057 TO 32070 34057 TO 34070 RELA BEG  END 0.0 10.500    $ PIER 4
       32095 TO 32108 34095 TO 34108 RELA BEG  END 0.0 10.500    $ PIER 5
       32133 TO 32146 34133 TO 34146 RELA BEG  END 0.0 10.500    $ PIER 6
       32169 TO 32182 34169 TO 34182 RELA BEG  END 0.0 10.500    $ PIER 7
       32205 TO 32218 34205 TO 34218 RELA BEG  END 0.0 10.000    $ PIER 8
       32240 TO 32248 34239 TO 34248 RELA BEG  END 0.0 10.000    $ PIER 9
       32271 34270 TO 34271 RELA BEG  END 0.0 10.000    $ PIER 10 Back
       32372 TO 32379 34372 TO 34378 RELA BEG  END 0.0 10.500    $ PIER 10 Ahead
       32572 TO 32579 34572 TO 34578 RELA BEG  END 0.0 10.500    $ PIER 10 Ahead
$
$ STRINGERS  (STRINGERS 3 AND 4)
$ INTERIOR DECK (OVER PIERS)
       36021 TO 36034 38021 TO 38034 RELA BEG  END 0.0 10.500    $ PIER 3
       36057 TO 36070 38057 TO 38070 RELA BEG  END 0.0 10.500    $ PIER 4
       36095 TO 36108 38095 TO 38108 RELA BEG  END 0.0 10.500    $ PIER 5
       36133 TO 36146 38133 TO 38146 RELA BEG  END 0.0 10.500    $ PIER 6
       36169 TO 36182 38169 TO 38182 RELA BEG  END 0.0 10.500    $ PIER 7
       36205 TO 36218 38205 TO 38218 RELA BEG  END 0.0 10.000    $ PIER 8
       36239 TO 36248 38238 TO 38247 RELA BEG  END 0.0 10.000    $ PIER 9
       36269 TO 36271 38268 TO 38271 RELA BEG  END 0.0 10.000    $ PIER 10 Back
       36372 TO 36377 38372 TO 38376 RELA BEG  END 0.0 10.500    $ PIER 10 Ahead
       36572 TO 36577 38572 TO 38576 RELA BEG  END 0.0 10.500    $ PIER 10 Ahead
$
$
$ STRINGERS  (STRINGERS 1 AND 2)
$ INTERIOR DECK (TRANSITION AT START OR END OF DELTA)
       32015 TO 32020 34015 TO 34020 RELA BEG  END 0.0 10.500    $ PIER 3 BACK
       32035 TO 32040 34035 TO 34040 RELA BEG  END 0.0 10.500    $ PIER 3 AHEAD
       32051 TO 32056 34051 TO 34056 RELA BEG  END 0.0 10.500    $ PIER 4 BACK
       32071 TO 32076 34071 TO 34076 RELA BEG  END 0.0 10.500    $ PIER 4 AHEAD
       32089 TO 32094 34089 TO 34094 RELA BEG  END 0.0 10.500    $ PIER 5 BACK
       32109 TO 32114 34109 TO 34114 RELA BEG  END 0.0 10.500    $ PIER 5 AHEAD
       32127 TO 32132 34127 TO 34132 RELA BEG  END 0.0 10.500    $ PIER 6 BACK
       32147 TO 32152 34147 TO 34152 RELA BEG  END 0.0 10.500    $ PIER 6 AHEAD
       32163 TO 32168 34163 TO 34168 RELA BEG  END 0.0 10.500    $ PIER 7 BACK
       32183 TO 32188 34183 TO 34188 RELA BEG  END 0.0 10.500    $ PIER 7 AHEAD
       32199 TO 32204 34199 TO 34204 RELA BEG  END 0.0 10.000    $ PIER 8 BACK
       32219 TO 32224 34219 TO 34224 RELA BEG  END 0.0 10.000    $ PIER 8 AHEAD
       32233 TO 32239 34233 TO 34238 RELA BEG  END 0.0 10.000    $ PIER 9 BACK
       32249 TO 32255 34249 TO 34254 RELA BEG  END 0.0 10.000    $ PIER 9 AHEAD
       32265 TO 32270 34264 TO 34269 RELA BEG  END 0.0 10.000    $ PIER 10 BACK
       32380 TO 32385 34379 TO 34384 RELA BEG  END 0.0 10.500    $ PIER 10 AHEAD
       32580 TO 32585 34579 TO 34584 RELA BEG  END 0.0 10.500    $ PIER 10 AHEAD
$
$ STRINGERS  (STRINGERS 3 AND 4)
$ INTERIOR DECK (TRANSITION AT START OR END OF DELTA)
       36015 TO 36020 38015 TO 38020 RELA BEG  END 0.0 10.500    $ PIER 3 BACK
       36035 TO 36040 38035 TO 38040 RELA BEG  END 0.0 10.500    $ PIER 3 AHEAD
       36051 TO 36056 38051 TO 38056 RELA BEG  END 0.0 10.500    $ PIER 4 BACK
       36071 TO 36076 38071 TO 38076 RELA BEG  END 0.0 10.500    $ PIER 4 AHEAD
       36089 TO 36094 38089 TO 38094 RELA BEG  END 0.0 10.500    $ PIER 5 BACK
       36109 TO 36114 38109 TO 38114 RELA BEG  END 0.0 10.500    $ PIER 5 AHEAD
       36127 TO 36132 38127 TO 38132 RELA BEG  END 0.0 10.500    $ PIER 6 BACK
       36147 TO 36152 38147 TO 38152 RELA BEG  END 0.0 10.500    $ PIER 6 AHEAD
       36163 TO 36168 38163 TO 38168 RELA BEG  END 0.0 10.500    $ PIER 7 BACK
       36183 TO 36188 38183 TO 38188 RELA BEG  END 0.0 10.500    $ PIER 7 AHEAD
       36199 TO 36204 38199 TO 38204 RELA BEG  END 0.0 10.000    $ PIER 8 BACK
       36219 TO 36224 38219 TO 38224 RELA BEG  END 0.0 10.000    $ PIER 8 AHEAD
       36233 TO 36238 38232 TO 38237 RELA BEG  END 0.0 10.000    $ PIER 9 BACK
       36249 TO 36254 38248 TO 38253 RELA BEG  END 0.0 10.000    $ PIER 9 AHEAD
       36263 TO 36268 38262 TO 38267 RELA BEG  END 0.0 10.000    $ PIER 10 BACK
       36378 TO 36383 38377 TO 38382 RELA BEG  END 0.0 10.500    $ PIER 10 AHEAD
       36578 TO 36583 38577 TO 38582 RELA BEG  END 0.0 10.500    $ PIER 10 AHEAD
$
$
$
$
```



```
$
$
$
$ DIAPHRAGMS
$ PIER 2, END DIAPHRAGMS
       10000 TO 10007 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ END (DELTA) DIAPHRAGMS
$ SPAN 3
       10008 TO 10079 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 3 BACK DELTA DIAPHRAGMS
       10080 TO 10087 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 3
       10088 TO 10119 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 3 AHEAD DELTA DIAPHRAGMS
       10120 TO 10127 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ SPAN 4
       10128 TO 10199 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 4 BACK DELTA DIAPHRAGMS
       10200 TO 10207 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 4
       10208 TO 10239 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 4 AHEAD DELTA DIAPHRAGMS
       10240 TO 10247 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ SPAN 5
       10248 TO 10327 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 5 BACK DELTA DIAPHRAGMS
       10328 TO 10335 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 5
       10336 TO 10367 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 5 AHEAD DELTA DIAPHRAGMS
       10368 TO 10375 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ SPAN 6
       10376 TO 10455 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 6 BACK DELTA DIAPHRAGMS
       10456 TO 10463 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 6
       10464 TO 10495 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 6 AHEAD DELTA DIAPHRAGMS
       10496 TO 10503 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ SPAN 7
       10504 TO 10575 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 7 BACK DELTA DIAPHRAGMS
       10576 TO 10583 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 7
       10584 TO 10615 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 7 AHEAD DELTA DIAPHRAGMS
       10616 TO 10623 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ SPAN 8
       10624 TO 10695 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 8 BACK DELTA DIAPHRAGMS
       10696 TO 10703 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ OVER PIER 8
       10704 TO 10735 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 8 AHEAD DELTA DIAPHRAGMS
       10736 TO 10743 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P2-8
$ SPAN 9
       10744 TO 10799 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 9 BACK DELTA DIAPHRAGMS
       10800 TO 10823 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P9-10
$ OVER PIER 9
       10824 TO 10847 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 9 AHEAD DELTA DIAPHRAGMS
       10848 TO 10871 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P9-10
$ SPAN 10
       10872 TO 10919 RELA BEG 0.0 -29.300 END 0.0 -29.300    $ STANDARD INTERMEDIATE DIAPHRAGMS
$ PIER 10 BACK DELTA DIAPHRAGMS
       10920 TO 10943 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA DIAPHRAGMS P9-10
$ PIER 10 BACK DELTA DIAPHRAGMS
       10944 TO 10959 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA 2 STRINGER DIAPHRAGMS
$ OVER PIER 10
       10960 TO 10983 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA 2 STRINGER DIAPHRAGMS
$ PIER 10 AHEAD DELTA DIAPHRAGMS
       10984 TO 11019 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ DELTA 2 STRINGER DIAPHRAGMS
$ SPAN 11
       11020 TO 11121 RELA BEG 0.0 -41.000 END 0.0 -41.000    $ STD 2 STRINGER DIAPHRAGMS
$ PIER 11, END DIAPHRAGMS
       11122 TO 11133 RELA BEG 0.0 -46.000 END 0.0 -46.000    $ END (DELTA) DIAPHRAGMS
$
$
$
$
$
UNITS DEG
MEMBER BETA
       101000 TO 109000 BY 2000 BETA 3.6311
       101313 BETA -5.3276
       103316 BETA -5.3276
       105313 BETA -5.3276
       107311 BETA -5.3276
       109312 BETA -5.3276
       101409 BETA 2.7911
       101429 BETA 1.8100
       101449 BETA 0.9597
       101509 BETA 0.5781
       101529 BETA -0.6593
       101549 BETA -2.9800
       103409 BETA 2.7911
       103429 BETA 1.8100
       103449 BETA 0.9597
       103509 BETA 0.5781
       103529 BETA -0.6593
       103549 BETA -2.9800
       105409 BETA 2.7911
       105429 BETA 1.8100
       105449 BETA 0.9597
       105509 BETA 0.5781
       105529 BETA -0.6593
       105549 BETA -2.9800
       107409 BETA 2.7911
```

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       107429 BETA 1.8100
       107449 BETA 0.9597
       107509 BETA 0.5781
       107529 BETA -0.6593
       107549 BETA -2.9800
       109409 BETA 2.7911
       109429 BETA 1.8100
       109449 BETA 0.9597
       109509 BETA 0.5781
       109529 BETA -0.6593
       109549 BETA -2.9800
$
$  END OF INCLUDE FILE
```

```
$-------------------------------------------------------------------$
$  THE FOLLOWING IS THE SECTION PROPERTIES INPUT                    $
$  FOR THE CLEVELAND INNERBELT UNIT 2 3D MODEL                      $
$                                                                   $
$                                                                   $
$                                                                   $
$    TO INCLUDE THESE SECTIONS AND THEIR RESPECTIVE PROPERTIES      $
$    USE THE COMMAND:                                               $
$"INCLUDE UNIT 2 3D ANALYSIS MODEL SECTION PROP.DAT" IN THE INPUT FILE$
$                                                                   $
$-------------------------------------------------------------------$
$
$-----------------------------------------------------------
$  Revisions:
$  Initials   Date          Reason
$    SJL      12-14-10      Created File
$    DJG      03-07-11      Checked
$    DJG      03-08-11      Revise for final Check
$    SJL     05-24-11      Revised for final diaphragms
$    DJG      07-16-11      REVISED FOR LATERAL BRACING CHANGE
$
$-----------------------------------------------------------
$
$  INTERIOR AND EXTERIOR GIRDER SECTION PROPERTIES ARE THE SAME
$  FOR SPANS 1 TO 9.  IN SPANS 10 AND 11, SKEWED PIERS CAUSE
$  CORRESPONDING NODES TO BE DIFFERENT.  FOR THIS REASON,
$  SECTION PROPERTIES ARE DETERMINED FOR ALL NODES ON EACH
$  GIRDER IN THE TAPERED REGIONS BEFORE AND AFTER PIERS 9 AND 10
$
UNIT KIP INCHES
SECTION PROPERTIES
$   STEEL GIRDER CONSTANT DEPTH SECTIONS
       TABLE 1 AX 334.5 IX 623.5 IY 41547.5 IZ 636294.2  YD 99.000 -
         YC 55.431  $ SPAN 3
       TABLE 2 AX 224.0 IX 202.7 IY 10930.7 IZ 381098.7  YD 98.000 -
         YC 48.000  $ SPAN 4
       TABLE 3 AX 275.0 IX 448.2 IY 17526.7 IZ 505877.6  YD 98.750 -
         YC 51.491  $ SPAN 5
       TABLE 4 AX 240.0 IX 284.0 IY 12296.0 IZ 418649.4  YD 98.500 -
         YC 51.450  $ SPAN 6
       TABLE 5 AX 208.0 IX 146.3 IY 9565.3 IZ 341298.3  YD 97.750 -
         YC 48.000  $ SPAN 7
       TABLE 6 AX 232.0 IX 238.8 IY 11613.3 IZ 400465.1  YD 98.000 -
         YC 46.220  $ SPAN 8
       TABLE 7 AX 272.0 IX 475.7 IY 15026.7 IZ 502907.7  YD 98.750 -
         YC 48.000  $ SPAN 9
       TABLE 8 AX 274.5 IX 371.8 IY 21114.1 IZ 503242.9  YD 98.500 -
         YC 51.041  $ SPAN 10
       TABLE 9 AX 459.0 IX 992.3 IY 55328.1 IZ 1171017.0  YD 117.000 -
         YC 57.000  $ SPAN 11
$
$   STEEL GIRDER OVER PIERS
$
       TABLE 10 AX 248.0 IX 234.7 IY 18298.7 IZ 438730.7  YD 98.000 -
         YC 48.000  $ PIER 3
       TABLE 11 AX 296.0 IX 506.2 IY 15034.3 IZ 521339.7  YD 98.750 -
         YC 48.000  $ PIER 4
       TABLE 12 AX 294.0 IX 531.1 IY 21392.0 IZ 556555.1  YD 98.750 -
         YC 48.000  $ PIER 5
       TABLE 13 AX 240.0 IX 275.0 IY 12296.0 IZ 421299.0  YD 98.250 -
         YC 48.000  $ PIER 6
       TABLE 14 AX 231.0 IX 259.8 IY 10133.0 IZ 399575.8  YD 98.250 -
         YC 48.000  $ PIER 7
       TABLE 15 AX 276.0 IX 407.0 IY 19448.0 IZ 510423.0  YD 98.500 -
         YC 48.000  $ PIER 8
       TABLE 16 AX 390.0 IX 872.5 IY 45578.1 IZ 753930.0  YD 99.000 -
         YC 48.000  $ PIER 9
       TABLE 17 AX 366.0 IX 842.0 IY 45570.5 IZ 735498.0  YD 99.000 -
         YC 48.000  $ PIER 10
$
$
$
$
$
$
$
$   GIRDERS 1 TO 5
$   TAPER AT START OR END OF DELTA
$   PIER 3
       TABLE 20 AX 288.0 IX 286.5 IY 24711.6 IZ 495584.0  YD 98.000 -
         YC 48.000  $NODE 3015
       TABLE 21 AX 290.8 IX 288.0 IY 24712.0 IZ 520951.7  YD 100.250 -
         YC 49.125  $NODE 3016
       TABLE 22 AX 302.4 IX 294.0 IY 24713.5 IZ 633052.4  YD 109.500 -
         YC 53.750  $NODE 3017 END
       TABLE 23 AX 329.3 IX 344.9 IY 24726.2 IZ 658933.6  YD 109.500 -
         YC 53.750  $NODE 3017 BEGIN
       TABLE 24 AX 358.3 IX 366.7 IY 24731.7 IZ 952916.7  YD 128.875 -
         YC 63.438  $NODE 3018
       TABLE 25 AX 398.4 IX 396.8 IY 24739.2 IZ 1470466.0  YD 155.625 -
         YC 76.813  $NODE 3019
       TABLE 26 AX 451.1 IX 436.3 IY 24749.1 IZ 2368813.8  YD 190.750 -
         YC 94.375  $NODE 3020 BACK
       TABLE 27 AX 312.0 IX 332.0 IY 24723.0 IZ 514016.0  YD 98.000 -
         YC 48.000  $NODE 3020 AHEAD
       TABLE 28 AX 312.0 IX 332.0 IY 24723.0 IZ 514016.0  YD 98.000 -
         YC 48.000  $NODE 3021
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       TABLE 29 AX 312.0 IX 332.0 IY 24723.0 IZ 514016.0  YD 98.000 -
         YC 48.000  $NODE 3035
       TABLE 30 AX 312.0 IX 332.0 IY 24723.0 IZ 514016.0  YD 98.000 -
         YC 48.000  $NODE 3036 BACK
       TABLE 31 AX 451.1 IX 436.3 IY 24749.1 IZ 2368813.8  YD 190.750 -
         YC 94.375  $NODE 3036 AHEAD
       TABLE 32 AX 398.4 IX 396.8 IY 24739.2 IZ 1470466.0  YD 155.625 -
         YC 76.813  $NODE 3037
       TABLE 33 AX 358.3 IX 366.7 IY 24731.7 IZ 952916.7  YD 128.875 -
         YC 63.438  $NODE 3038
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       TABLE 34 AX 329.3 IX 344.9 IY 24726.2 IZ 658933.6  YD 109.500 -
         YC 53.750  $NODE 3039 END
       TABLE 35 AX 302.4 IX 294.0 IY 24713.5 IZ 633052.4  YD 109.500 -
         YC 53.750  $NODE 3039 BEGIN
       TABLE 36 AX 290.8 IX 288.0 IY 24712.0 IZ 520951.7  YD 100.250 -
         YC 49.125  $NODE 3040
       TABLE 37 AX 288.0 IX 286.5 IY 24711.6 IZ 495584.0  YD 98.000 -
         YC 48.000  $NODE 3041
$
$   PIER 4
       TABLE 38 AX 240.0 IX 275.0 IY 12296.0 IZ 421299.0  YD 98.250 -
         YC 48.000  $NODE 3051
       TABLE 39 AX 242.3 IX 275.8 IY 12296.2 IZ 442704.2  YD 100.500 -
         YC 49.125  $NODE 3052
       TABLE 40 AX 251.5 IX 278.8 IY 12297.0 IZ 537207.7  YD 109.750 -
         YC 53.750  $NODE 3053 END
       TABLE 41 AX 325.8 IX 502.5 IY 17252.6 IZ 682092.6  YD 110.000 -
         YC 53.997  $NODE 3053 BEGIN
       TABLE 42 AX 352.5 IX 519.3 IY 17256.8 IZ 980357.4  YD 129.375 -
         YC 63.711  $NODE 3054
       TABLE 43 AX 389.2 IX 542.5 IY 17262.6 IZ 1501915.2  YD 156.125 -
         YC 77.118  $NODE 3055
       TABLE 44 AX 437.5 IX 572.9 IY 17270.2 IZ 2400335.8  YD 191.250 -
         YC 94.713  $NODE 3056 BACK
       TABLE 45 AX 310.0 IX 492.5 IY 17250.1 IZ 534299.1  YD 98.500 -
         YC 48.229  $NODE 3056 AHEAD
       TABLE 46 AX 310.0 IX 492.5 IY 17250.1 IZ 534299.1  YD 98.500 -
         YC 48.229  $NODE 3057
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       TABLE 47 AX 310.0 IX 492.5 IY 17250.1 IZ 534299.1  YD 98.500 -
         YC 48.229  $NODE 3071
       TABLE 48 AX 310.0 IX 492.5 IY 17250.1 IZ 534299.1  YD 98.500 -
         YC 48.229  $NODE 3072 BACK
       TABLE 49 AX 437.5 IX 572.9 IY 17270.2 IZ 2400335.8  YD 191.250 -
         YC 94.713  $NODE 3072 AHEAD
       TABLE 50 AX 389.2 IX 542.5 IY 17262.6 IZ 1501915.2  YD 156.125 -
         YC 77.118  $NODE 3073
       TABLE 51 AX 352.5 IX 519.3 IY 17256.8 IZ 980357.4  YD 129.375 -
         YC 63.711  $NODE 3074
       TABLE 52 AX 325.8 IX 502.5 IY 17252.6 IZ 682092.6  YD 110.000 -
         YC 53.997  $NODE 3075 END
       TABLE 53 AX 251.5 IX 278.8 IY 12297.0 IZ 537207.7  YD 109.750 -
         YC 53.750  $NODE 3075 BEGIN
       TABLE 54 AX 242.3 IX 275.8 IY 12296.2 IZ 442704.2  YD 100.500 -
         YC 49.125  $NODE 3076
       TABLE 55 AX 240.0 IX 275.0 IY 12296.0 IZ 421299.0  YD 98.250 -
         YC 48.000  $NODE 3077
$
$   PIER 5
       TABLE 56 AX 272.0 IX 475.7 IY 15026.7 IZ 502907.7  YD 98.750 -
         YC 48.000  $NODE 3089
       TABLE 57 AX 274.3 IX 476.4 IY 15026.9 IZ 527989.4  YD 101.000 -
         YC 49.125  $NODE 3090
       TABLE 58 AX 283.5 IX 479.5 IY 15027.6 IZ 638458.4  YD 110.250 -
         YC 53.750  $NODE 3091 END
       TABLE 59 AX 327.8 IX 468.2 IY 19463.3 IZ 686940.3  YD 110.000 -
         YC 53.750  $NODE 3091 BEGIN
       TABLE 60 AX 354.5 IX 484.9 IY 19467.5 IZ 987317.0  YD 129.375 -
         YC 63.438  $NODE 3092
       TABLE 61 AX 391.2 IX 508.1 IY 19473.3 IZ 1512408.3  YD 156.125 -
         YC 76.813  $NODE 3093
       TABLE 62 AX 439.5 IX 538.6 IY 19480.9 IZ 2416556.3  YD 191.250 -
         YC 94.375  $NODE 3094 BACK
       TABLE 63 AX 312.0 IX 458.2 IY 19460.8 IZ 538071.0  YD 98.500 -
         YC 48.000  $NODE 3094 AHEAD
       TABLE 64 AX 312.0 IX 458.2 IY 19460.8 IZ 538071.0  YD 98.500 -
         YC 48.000  $NODE 3095
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       TABLE 65 AX 312.0 IX 458.2 IY 19460.8 IZ 538071.0  YD 98.500 -
         YC 48.000  $NODE 3109
       TABLE 66 AX 312.0 IX 458.2 IY 19460.8 IZ 538071.0  YD 98.500 -
         YC 48.000  $NODE 3110 BACK
       TABLE 67 AX 439.5 IX 538.6 IY 19480.9 IZ 2416556.3  YD 191.250 -
         YC 94.375  $NODE 3110 AHEAD
       TABLE 68 AX 391.2 IX 508.1 IY 19473.3 IZ 1512408.3  YD 156.125 -
         YC 76.813  $NODE 3111
       TABLE 69 AX 354.5 IX 484.9 IY 19467.5 IZ 987317.0  YD 129.375 -
         YC 63.438  $NODE 3112
       TABLE 70 AX 327.8 IX 468.2 IY 19463.3 IZ 686940.3  YD 110.000 -
         YC 53.750  $NODE 3113 END
       TABLE 71 AX 283.5 IX 479.5 IY 15027.6 IZ 638458.4  YD 110.250 -
         YC 53.750  $NODE 3113 BEGIN
       TABLE 72 AX 274.3 IX 476.4 IY 15026.9 IZ 527989.4  YD 101.000 -
         YC 49.125  $NODE 3114
       TABLE 73 AX 272.0 IX 475.7 IY 15026.7 IZ 502907.7  YD 98.750 -
         YC 48.000  $NODE 3115
$
$   PIER 6
       TABLE 74 AX 224.0 IX 202.7 IY 10930.7 IZ 381098.7  YD 98.000 -
         YC 48.000  $NODE 3127
       TABLE 75 AX 226.3 IX 203.4 IY 10930.9 IZ 400679.1  YD 100.250 -
         YC 49.125  $NODE 3128
       TABLE 76 AX 235.5 IX 206.5 IY 10931.6 IZ 487255.4  YD 109.500 -
         YC 53.750  $NODE 3129 END
       TABLE 77 AX 307.8 IX 426.5 IY 13676.6 IZ 626429.9  YD 110.000 -
         YC 53.750  $NODE 3129 BEGIN
       TABLE 78 AX 334.5 IX 443.3 IY 13680.8 IZ 903617.1  YD 129.375 -
         YC 63.438  $NODE 3130
       TABLE 79 AX 371.2 IX 466.5 IY 13686.6 IZ 1390522.8  YD 156.125 -
         YC 76.813  $NODE 3131
       TABLE 80 AX 419.5 IX 496.9 IY 13694.2 IZ 2233663.0  YD 191.250 -
         YC 94.375  $NODE 3132 BACK
       TABLE 81 AX 292.0 IX 416.5 IY 13674.1 IZ 489549.3  YD 98.500 -
         YC 48.000  $NODE 3132 AHEAD
       TABLE 82 AX 292.0 IX 416.5 IY 13674.1 IZ 489549.3  YD 98.500 -
         YC 48.000  $NODE 3133
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      TABLE 83 AX 292.0 IX 416.5 IY 13674.1 IZ 489549.3  YD 98.500 -
        YC 48.000  $NODE 3147
      TABLE 84 AX 292.0 IX 416.5 IY 13674.1 IZ 489549.3  YD 98.500 -
        YC 48.000  $NODE 3148 BACK
      TABLE 85 AX 419.5 IX 496.9 IY 13694.2 IZ 2233663.0  YD 191.250 -
        YC 94.375  $NODE 3148 AHEAD
      TABLE 86 AX 371.2 IX 466.5 IY 13686.6 IZ 1390522.8  YD 156.125 -
        YC 76.813  $NODE 3149
      TABLE 87 AX 334.5 IX 443.3 IY 13680.8 IZ 903617.1  YD 129.375 -
        YC 63.438  $NODE 3150
      TABLE 88 AX 307.8 IX 426.5 IY 13676.6 IZ 626429.9  YD 110.000 -
        YC 53.750  $NODE 3151 END
      TABLE 89 AX 235.5 IX 206.5 IY 10931.6 IZ 487255.4  YD 109.500 -
        YC 53.750  $NODE 3151 BEGIN
      TABLE 90 AX 226.3 IX 203.4 IY 10930.9 IZ 400679.1  YD 100.250 -
        YC 49.125  $NODE 3152
      TABLE 91 AX 224.0 IX 202.7 IY 10930.7 IZ 381098.7  YD 98.000 -
        YC 48.000  $NODE 3153
$
$   PIER 7
      TABLE 92 AX 224.0 IX 202.7 IY 10930.7 IZ 381098.7  YD 98.000 -
        YC 48.000  $NODE 3163
      TABLE 93 AX 226.3 IX 203.4 IY 10930.9 IZ 400679.1  YD 100.250 -
        YC 49.125  $NODE 3164
      TABLE 94 AX 235.5 IX 206.5 IY 10931.6 IZ 487255.4  YD 109.500 -
        YC 53.750  $NODE 3165 END
      TABLE 95 AX 291.8 IX 336.2 IY 12311.3 IZ 576029.5  YD 109.750 -
        YC 53.750  $NODE 3165 BEGIN
      TABLE 96 AX 318.5 IX 352.9 IY 12315.5 IZ 834316.5  YD 129.125 -
        YC 63.438  $NODE 3166
      TABLE 97 AX 355.2 IX 376.1 IY 12321.3 IZ 1290192.2  YD 155.875 -
        YC 76.813  $NODE 3167
      TABLE 98 AX 403.5 IX 406.6 IY 12328.9 IZ 2083893.9  YD 191.000 -
        YC 94.375  $NODE 3168 BACK
      TABLE 99 AX 276.0 IX 326.2 IY 12308.8 IZ 448947.0  YD 98.250 -
        YC 48.000  $NODE 3168 AHEAD
      TABLE 100 AX 276.0 IX 326.2 IY 12308.8 IZ 448947.0  YD 98.250 -
        YC 48.000  $NODE 3169
$
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      TABLE 101 AX 276.0 IX 326.2 IY 12308.8 IZ 448947.0  YD 98.250 -
        YC 48.000  $NODE 3183
      TABLE 102 AX 276.0 IX 326.2 IY 12308.8 IZ 448947.0  YD 98.250 -
        YC 48.000  $NODE 3184 BACK
      TABLE 103 AX 403.5 IX 406.6 IY 12328.9 IZ 2083893.9  YD 191.000 -
        YC 94.375  $NODE 3184 AHEAD
      TABLE 104 AX 355.2 IX 376.1 IY 12321.3 IZ 1290192.2  YD 155.875 -
        YC 76.813  $NODE 3185
      TABLE 105 AX 318.5 IX 352.9 IY 12315.5 IZ 834316.5  YD 129.125 -
        YC 63.438  $NODE 3186
      TABLE 106 AX 291.8 IX 336.2 IY 12311.3 IZ 576029.5  YD 109.750 -
        YC 53.750  $NODE 3187 END
      TABLE 107 AX 235.5 IX 206.5 IY 10931.6 IZ 487255.4  YD 109.500 -
        YC 53.750  $NODE 3187 BEGIN
      TABLE 108 AX 226.3 IX 203.4 IY 10930.9 IZ 400679.1  YD 100.250 -
        YC 49.125  $NODE 3188
      TABLE 109 AX 224.0 IX 202.7 IY 10930.7 IZ 381098.7  YD 98.000 -
        YC 48.000  $NODE 3189
$
$   PIER 8
      TABLE 110 AX 248.0 IX 320.2 IY 12978.7 IZ 440907.2  YD 98.500 -
        YC 49.673  $NODE 3199
      TABLE 111 AX 250.3 IX 320.9 IY 12978.9 IZ 463204.4  YD 100.750 -
        YC 50.820  $NODE 3200
      TABLE 112 AX 259.5 IX 324.0 IY 12979.6 IZ 561585.5  YD 110.000 -
        YC 55.532  $NODE 3201 END
      TABLE 113 AX 336.0 IX 530.2 IY 20435.3 IZ 714724.9  YD 110.250 -
        YC 55.311  $NODE 3201 BEGIN
      TABLE 114 AX 363.5 IX 547.0 IY 20439.5 IZ 1025552.8  YD 129.625 -
        YC 65.133  $NODE 3202
      TABLE 115 AX 400.2 IX 570.2 IY 20445.3 IZ 1567831.4  YD 156.375 -
        YC 78.665  $NODE 3203
      TABLE 116 AX 448.5 IX 600.6 IY 20452.9 IZ 2499413.6  YD 191.500 -
        YC 96.394  $NODE 3204 BACK
      TABLE 117 AX 321.0 IX 520.3 IY 20432.8 IZ 560444.7  YD 98.750 -
        YC 49.471  $NODE 3204 AHEAD
      TABLE 118 AX 321.0 IX 520.3 IY 20432.8 IZ 560444.7  YD 98.750 -
        YC 49.471  $NODE 3205
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      TABLE 119 AX 321.0 IX 520.3 IY 20432.8 IZ 560444.7  YD 98.750 -
        YC 49.471  $NODE 3219
      TABLE 120 AX 321.0 IX 520.3 IY 20432.8 IZ 560444.7  YD 98.750 -
        YC 49.471  $NODE 3220 BACK
      TABLE 121 AX 448.5 IX 600.6 IY 20452.9 IZ 2499413.6  YD 191.500 -
        YC 96.394  $NODE 3220 AHEAD
      TABLE 122 AX 400.2 IX 570.2 IY 20445.3 IZ 1567831.4  YD 156.375 -
        YC 78.665  $NODE 3221
      TABLE 123 AX 363.5 IX 547.0 IY 20439.5 IZ 1025552.8  YD 129.625 -
        YC 65.133  $NODE 3222
      TABLE 124 AX 336.8 IX 530.2 IY 20435.3 IZ 714724.9  YD 110.250 -
        YC 55.311  $NODE 3223 END
      TABLE 125 AX 259.5 IX 324.0 IY 12979.6 IZ 561585.5  YD 110.000 -
        YC 55.532  $NODE 3223 BEGIN
      TABLE 126 AX 250.3 IX 320.9 IY 12978.9 IZ 463204.4  YD 100.750 -
        YC 50.820  $NODE 3224
      TABLE 127 AX 248.0 IX 320.2 IY 12978.7 IZ 440907.2  YD 98.500 -
        YC 49.673  $NODE 3225
$
$
$   GIRDER 1
$   TAPER AT START OR END OF DELTA
$   PIER 9
      TABLE 128 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 1234
      TABLE 129 AX 285.4 IX 351.1 IY 27791.0 IZ 534794.7  YD 98.670 -
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        YC 48.210  $NODE 1235
      TABLE 130 AX 290.4 IX 352.7 IY 27791.5 IZ 594707.9  YD 103.660 -
        YC 50.705  $NODE 1236
      TABLE 131 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 1237 END
      TABLE 132 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 1237 BEGIN
      TABLE 133 AX 426.0 IX 908.3 IY 45587.1 IZ 1082253.9  YD 116.420 -
        YC 56.710  $NODE 1238
      TABLE 134 AX 450.2 IX 923.5 IY 45590.9 IZ 1470546.0  YD 134.030 -
        YC 65.515  $NODE 1239
      TABLE 135 AX 483.5 IX 944.5 IY 45596.1 IZ 2119371.2  YD 158.250 -
        YC 77.625  $NODE 1240
      TABLE 136 AX 529.4 IX 973.5 IY 45603.4 IZ 3249133.0  YD 191.660 -
        YC 94.330  $NODE 1241 BACK
      TABLE 137 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 1241 AHEAD
      TABLE 138 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 1242
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      TABLE 139 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 1253
      TABLE 140 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 1254
      TABLE 141 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 1255 BACK
      TABLE 142 AX 529.5 IX 973.5 IY 45603.4 IZ 3251038.8  YD 191.710 -
        YC 94.355  $NODE 1255 AHEAD
      TABLE 143 AX 497.1 IX 953.1 IY 45598.3 IZ 2424853.7  YD 168.150 -
        YC 82.575  $NODE 1256
      TABLE 144 AX 472.1 IX 937.3 IY 45594.3 IZ 1881545.5  YD 149.950 -
        YC 73.475  $NODE 1257
      TABLE 145 AX 442.9 IX 918.9 IY 45589.7 IZ 1346512.3  YD 128.730 -
        YC 62.865  $NODE 1258
      TABLE 146 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 1259 END
      TABLE 147 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 1259 BEGIN
      TABLE 148 AX 287.8 IX 351.9 IY 27791.2 IZ 563163.3  YD 101.070 -
        YC 49.410  $NODE 1260
      TABLE 149 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 1261
$
$
$   GIRDER 1
$   TAPER AT START AND END OF DELTA AT PIER 10
      TABLE 150 AX 330.0 IX 500.0 IY 30885.6 IZ 601637.5  YD 98.500 -
        YC 48.000  $NODE 1272
      TABLE 151 AX 330.8 IX 500.4 IY 30885.7 IZ 610533.6  YD 99.170 -
        YC 48.335  $NODE 1273
      TABLE 152 AX 335.6 IX 502.9 IY 30886.4 IZ 662399.8  YD 102.970 -
        YC 50.235  $NODE 1274
      TABLE 153 AX 344.4 IX 507.5 IY 30887.5 IZ 764765.3  YD 110.000 -
        YC 53.750  $NODE 1275 END
      TABLE 154 AX 440.3 IX 957.9 IY 50459.5 IZ 1006599.7  YD 110.500 -
        YC 52.621  $NODE 1275 BEGIN
      TABLE 155 AX 447.9 IX 963.7 IY 50460.9 IZ 1110153.0  YD 115.600 -
        YC 55.139  $NODE 1276
      TABLE 156 AX 476.8 IX 985.3 IY 50466.3 IZ 1554577.6  YD 134.860 -
        YC 64.657  $NODE 1277
      TABLE 157 AX 520.6 IX 1018.2 IY 50474.5 IZ 2398448.7  YD 164.050 -
        YC 79.107  $NODE 1278
      TABLE 158 AX 562.0 IX 1049.2 IY 50482.3 IZ 3400413.5  YD 191.660 -
        YC 92.795  $NODE 1279 BACK
      TABLE 159 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 1279 AHEAD
      TABLE 160 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 1280
$
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      TABLE 161 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 1290
      TABLE 162 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 1291 BACK
      TABLE 163 AX 556.7 IX 1045.2 IY 50481.3 IZ 3259917.5  YD 188.110 -
        YC 91.034  $NODE 1291 AHEAD
      TABLE 164 AX 526.1 IX 1022.4 IY 50475.6 IZ 2521198.4  YD 167.760 -
        YC 80.945  $NODE 1292
      TABLE 165 AX 485.8 IX 992.1 IY 50468.0 IZ 1711375.2  YD 140.880 -
        YC 67.635  $NODE 1293
      TABLE 166 AX 462.6 IX 974.7 IY 50463.7 IZ 1326264.9  YD 125.430 -
        YC 59.995  $NODE 1294
      TABLE 167 AX 453.9 IX 968.2 IY 50462.1 IZ 1195986.0  YD 119.625 -
        YC 57.127  $NODE 1295 END
      TABLE 168 AX 355.8 IX 513.4 IY 30889.0 IZ 910360.2  YD 119.125 -
        YC 58.313  $NODE 1295 BEGIN
      TABLE 169 AX 352.7 IX 511.8 IY 30888.6 IZ 869262.9  YD 116.640 -
        YC 57.070  $NODE 1296
      TABLE 170 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 1297
      TABLE 171 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 1298
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$
$   GIRDER 2
$   TAPER AT START OR END OF DELTA
$   PIER 9
      TABLE 172 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 3234
      TABLE 173 AX 287.5 IX 351.8 IY 27791.2 IZ 559333.1  YD 100.750 -
        YC 49.250  $NODE 3235
      TABLE 174 AX 291.4 IX 353.1 IY 27791.5 IZ 607522.9  YD 104.690 -
        YC 51.220  $NODE 3236
      TABLE 175 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 3237 END
      TABLE 176 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 3237 BEGIN
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      TABLE 177 AX 436.5 IX 914.9 IY 45588.7 IZ 1242816.4  YD 124.080 -
        YC 60.540  $NODE 3238
      TABLE 178 AX 463.4 IX 931.9 IY 45593.0 IZ 1711379.4  YD 143.630 -
        YC 70.315  $NODE 3239
      TABLE 179 AX 499.8 IX 954.8 IY 45598.7 IZ 2487875.1  YD 170.100 -
        YC 83.550  $NODE 3240
      TABLE 180 AX 529.4 IX 973.4 IY 45603.4 IZ 3247608.9  YD 191.620 -
        YC 94.310  $NODE 3241 BACK
      TABLE 181 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 3241 AHEAD
      TABLE 182 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 3242
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      TABLE 183 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 3253
      TABLE 184 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 3254
      TABLE 185 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 3255 BACK
      TABLE 186 AX 529.5 IX 973.6 IY 45603.4 IZ 3252182.6  YD 191.740 -
        YC 94.370  $NODE 3255 AHEAD
      TABLE 187 AX 484.3 IX 945.1 IY 45596.3 IZ 2137800.1  YD 158.870 -
        YC 77.935  $NODE 3256
      TABLE 188 AX 458.5 IX 928.8 IY 45592.2 IZ 1619611.9  YD 140.070 -
        YC 68.535  $NODE 3257
      TABLE 189 AX 433.7 IX 913.2 IY 45588.3 IZ 1199244.3  YD 122.060 -
        YC 59.530  $NODE 3258
      TABLE 190 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 3259 END
      TABLE 191 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 3259 BEGIN
      TABLE 192 AX 293.3 IX 353.7 IY 27791.7 IZ 631440.3  YD 106.580 -
        YC 52.165  $NODE 3260
      TABLE 193 AX 287.8 IX 351.9 IY 27791.2 IZ 562683.8  YD 101.030 -
        YC 49.390  $NODE 3261
      TABLE 194 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 3262
$
$
$   GIRDER 2
$   TAPER AT START AND END OF DELTA AT PIER 10
      TABLE 195 AX 330.0 IX 500.0 IY 30885.6 IZ 601637.5  YD 98.500 -
        YC 48.000  $NODE 3272
      TABLE 196 AX 333.5 IX 501.8 IY 30886.1 IZ 639446.5  YD 101.310 -
        YC 49.405  $NODE 3273
      TABLE 197 AX 341.4 IX 505.9 IY 30887.1 IZ 728872.6  YD 107.600 -
        YC 52.550  $NODE 3274
      TABLE 198 AX 344.4 IX 507.5 IY 30887.5 IZ 764765.3  YD 110.000 -
        YC 53.750  $NODE 3275 END
      TABLE 199 AX 440.3 IX 957.9 IY 50459.5 IZ 1006599.7  YD 110.500 -
        YC 52.621  $NODE 3275 BEGIN
      TABLE 200 AX 457.6 IX 971.0 IY 50462.7 IZ 1250140.7  YD 122.080 -
        YC 58.340  $NODE 3276
      TABLE 201 AX 481.1 IX 988.5 IY 50467.1 IZ 1627722.2  YD 137.710 -
        YC 66.067  $NODE 3277
      TABLE 202 AX 517.0 IX 1015.5 IY 50473.9 IZ 2321912.1  YD 161.680 -
        YC 77.933  $NODE 3278
      TABLE 203 AX 562.0 IX 1049.2 IY 50482.3 IZ 3400413.5  YD 191.660 -
        YC 92.795  $NODE 3279 BACK
      TABLE 204 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 3279 AHEAD
      TABLE 205 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 3280
      TABLE 206 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 3281
$
$
      TABLE 207 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 3291
      TABLE 208 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 3292
      TABLE 209 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 3293 BACK
      TABLE 210 AX 556.7 IX 1045.2 IY 50481.3 IZ 3259917.5  YD 188.110 -
        YC 91.034  $NODE 3293 AHEAD
      TABLE 211 AX 519.1 IX 1017.1 IY 50474.3 IZ 2366947.5  YD 163.080 -
        YC 78.626  $NODE 3294
      TABLE 212 AX 488.3 IX 994.0 IY 50468.5 IZ 1756153.0  YD 142.540 -
        YC 68.456  $NODE 3295
      TABLE 213 AX 464.6 IX 976.2 IY 50464.1 IZ 1356971.4  YD 126.750 -
        YC 60.647  $NODE 3296
      TABLE 214 AX 453.9 IX 968.2 IY 50462.1 IZ 1195986.0  YD 119.625 -
        YC 57.127  $NODE 3297 END
      TABLE 215 AX 355.8 IX 513.4 IY 30889.0 IZ 910360.2  YD 119.125 -
        YC 58.313  $NODE 3297 BEGIN
      TABLE 216 AX 353.5 IX 512.2 IY 30888.7 IZ 879742.8  YD 117.280 -
        YC 57.390  $NODE 3298
      TABLE 217 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 3299
      TABLE 218 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 3300
$
$
$   GIRDER 3
$   TAPER AT START OR END OF DELTA
$   PIER 9
      TABLE 219 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 5233
      TABLE 220 AX 286.6 IX 351.5 IY 27791.1 IZ 548521.3  YD 99.840 -
        YC 48.795  $NODE 5234
      TABLE 221 AX 291.4 IX 353.1 IY 27791.5 IZ 606397.0  YD 104.600 -
        YC 51.175  $NODE 5235
      TABLE 222 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 5236 END
      TABLE 223 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 5236 BEGIN
      TABLE 224 AX 433.3 IX 912.9 IY 45588.2 IZ 1193061.7  YD 121.770 -
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        YC 59.385  $NODE 5237
      TABLE 225 AX 449.0 IX 922.8 IY 45590.7 IZ 1449992.8  YD 133.170 -
        YC 65.085  $NODE 5238
      TABLE 226 AX 478.2 IX 941.2 IY 45595.3 IZ 2008444.0  YD 154.450 -
        YC 75.725  $NODE 5239
      TABLE 227 AX 529.4 IX 973.4 IY 45603.4 IZ 3247608.9  YD 191.620 -
        YC 94.310  $NODE 5240 BACK
      TABLE 228 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 5240 AHEAD
      TABLE 229 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 5241
$
$
      TABLE 230 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 5253
      TABLE 231 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 5254 BACK
      TABLE 232 AX 529.5 IX 973.6 IY 45603.4 IZ 3252182.6  YD 191.740 -
        YC 94.370  $NODE 5254 AHEAD
      TABLE 233 AX 518.2 IX 966.4 IY 45601.6 IZ 2946553.9  YD 183.490 -
        YC 90.245  $NODE 5255
      TABLE 234 AX 472.3 IX 937.5 IY 45594.4 IZ 1887360.6  YD 150.160 -
        YC 73.580  $NODE 5256
      TABLE 235 AX 446.2 IX 921.1 IY 45590.3 IZ 1402602.2  YD 131.160 -
        YC 64.080  $NODE 5257
      TABLE 236 AX 431.2 IX 911.6 IY 45587.9 IZ 1160953.8  YD 120.250 -
        YC 58.625  $NODE 5258
      TABLE 237 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 5259 END
      TABLE 238 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 5259 BEGIN
      TABLE 239 AX 289.6 IX 352.5 IY 27791.4 IZ 584983.4  YD 102.870 -
        YC 50.310  $NODE 5260
      TABLE 240 AX 286.4 IX 351.4 IY 27791.1 IZ 546396.8  YD 99.660 -
        YC 48.705  $NODE 5261
      TABLE 241 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 5262
$
$
$   GIRDER 3
$   TAPER AT START AND END OF DELTA AT PIER 10
      TABLE 242 AX 330.0 IX 500.0 IY 30885.6 IZ 601637.5  YD 98.500 -
        YC 48.000  $NODE 5271
      TABLE 243 AX 331.7 IX 500.9 IY 30885.9 IZ 620176.5  YD 99.890 -
        YC 48.695  $NODE 5272
      TABLE 244 AX 336.8 IX 503.5 IY 30886.5 IZ 675743.6  YD 103.920 -
        YC 50.710  $NODE 5273
      TABLE 245 AX 344.4 IX 507.5 IY 30887.5 IZ 764765.3  YD 110.000 -
        YC 53.750  $NODE 5274 END
      TABLE 246 AX 440.3 IX 957.9 IY 50459.5 IZ 1006599.7  YD 110.500 -
        YC 52.621  $NODE 5274 BEGIN
      TABLE 247 AX 463.7 IX 975.5 IY 50463.9 IZ 1342033.0  YD 126.110 -
        YC 60.331  $NODE 5275
      TABLE 248 AX 492.6 IX 997.2 IY 50469.3 IZ 1834044.0  YD 145.370 -
        YC 69.857  $NODE 5276
      TABLE 249 AX 527.8 IX 1023.6 IY 50475.9 IZ 2559303.3  YD 168.890 -
        YC 81.505  $NODE 5277
      TABLE 250 AX 561.7 IX 1049.0 IY 50482.2 IZ 3391604.2  YD 191.440 -
        YC 92.686  $NODE 5278 BACK
      TABLE 251 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 5278 AHEAD
      TABLE 252 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 5279
$
$
      TABLE 253 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 5289
      TABLE 254 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 5290 BACK
      TABLE 255 AX 556.7 IX 1045.2 IY 50481.3 IZ 3259917.5  YD 188.110 -
        YC 91.034  $NODE 5290 AHEAD
      TABLE 256 AX 515.3 IX 1014.2 IY 50473.5 IZ 2284347.3  YD 160.500 -
        YC 77.348  $NODE 5291
      TABLE 257 AX 482.8 IX 989.9 IY 50467.5 IZ 1658314.6  YD 138.880 -
        YC 66.646  $NODE 5292
      TABLE 258 AX 463.1 IX 975.1 IY 50463.8 IZ 1332976.4  YD 125.720 -
        YC 60.138  $NODE 5293
      TABLE 259 AX 453.9 IX 968.2 IY 50462.1 IZ 1195986.0  YD 119.625 -
        YC 57.127  $NODE 5294 END
      TABLE 260 AX 355.8 IX 513.4 IY 30889.0 IZ 910360.2  YD 119.125 -
        YC 58.313  $NODE 5294 BEGIN
      TABLE 261 AX 352.6 IX 511.8 IY 30888.6 IZ 868447.2  YD 116.590 -
        YC 57.045  $NODE 5295
      TABLE 262 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 5296
      TABLE 263 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 5297
$
$
$
$   GIRDER 4
$   TAPER AT START OR END OF DELTA
$   PIER 9
      TABLE 264 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 7233
      TABLE 265 AX 286.2 IX 351.3 IY 27791.1 IZ 544276.9  YD 99.480 -
        YC 48.615  $NODE 7234
      TABLE 266 AX 291.1 IX 353.0 IY 27791.5 IZ 603649.8  YD 104.380 -
        YC 51.065  $NODE 7235
      TABLE 267 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 7236 END
      TABLE 268 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 7236 BEGIN
      TABLE 269 AX 438.4 IX 916.1 IY 45589.0 IZ 1273316.0  YD 125.470 -
        YC 61.235  $NODE 7237
      TABLE 270 AX 463.6 IX 932.0 IY 45593.0 IZ 1715048.0  YD 143.770 -
        YC 70.385  $NODE 7238
      TABLE 271 AX 494.9 IX 951.7 IY 45597.9 IZ 2374483.6  YD 166.570 -
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        YC 81.785  $NODE 7239
      TABLE 272 AX 529.5 IX 973.5 IY 45603.4 IZ 3251420.0  YD 191.720 -
        YC 94.360  $NODE 7240 BACK
      TABLE 273 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 7240 AHEAD
      TABLE 274 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 7241
$
$
      TABLE 275 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 7252
      TABLE 276 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 7253 BACK
      TABLE 277 AX 529.5 IX 973.6 IY 45603.4 IZ 3252182.6  YD 191.740 -
        YC 94.370  $NODE 7253 AHEAD
      TABLE 278 AX 500.2 IX 955.0 IY 45598.8 IZ 2497328.5  YD 170.390 -
        YC 83.695  $NODE 7254
      TABLE 279 AX 461.2 IX 930.5 IY 45592.6 IZ 1671065.3  YD 142.080 -
        YC 69.540  $NODE 7255
      TABLE 280 AX 435.4 IX 914.2 IY 45588.6 IZ 1225453.9  YD 123.280 -
        YC 60.140  $NODE 7256
      TABLE 281 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 7257 END
      TABLE 282 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 7257 BEGIN
      TABLE 283 AX 290.0 IX 352.6 IY 27791.4 IZ 589649.7  YD 103.250 -
        YC 50.500  $NODE 7258
      TABLE 284 AX 287.0 IX 351.6 IY 27791.2 IZ 553140.4  YD 100.230 -
        YC 48.990  $NODE 7259
      TABLE 285 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 7260
$
$
$   GIRDER 4
$   TAPER AT START AND END OF DELTA AT PIER 10
      TABLE 286 AX 330.0 IX 500.0 IY 30885.6 IZ 601637.5  YD 98.500 -
        YC 48.000  $NODE 7269
      TABLE 287 AX 333.7 IX 501.9 IY 30886.1 IZ 641775.9  YD 101.480 -
        YC 49.490  $NODE 7270
      TABLE 288 AX 344.4 IX 507.5 IY 30887.5 IZ 764765.3  YD 110.000 -
        YC 53.750  $NODE 7271 END
      TABLE 289 AX 440.3 IX 957.9 IY 50459.5 IZ 1006599.7  YD 110.500 -
        YC 52.621  $NODE 7271 BEGIN
      TABLE 290 AX 466.7 IX 977.7 IY 50464.4 IZ 1389031.8  YD 128.110 -
        YC 61.320  $NODE 7272
      TABLE 291 AX 505.6 IX 1007.0 IY 50471.7 IZ 2086522.2  YD 154.090 -
        YC 74.174  $NODE 7273
      TABLE 292 AX 527.0 IX 1023.0 IY 50475.7 IZ 2540040.2  YD 168.320 -
        YC 81.223  $NODE 7274
      TABLE 293 AX 562.0 IX 1049.3 IY 50482.3 IZ 3401615.9  YD 191.690 -
        YC 92.810  $NODE 7275 BACK
      TABLE 294 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 7275 AHEAD
      TABLE 295 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 7276
      TABLE 296 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 7277
$
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      TABLE 297 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 7287
      TABLE 298 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 7288 BACK
      TABLE 299 AX 556.7 IX 1045.2 IY 50481.3 IZ 3259917.5  YD 188.110 -
        YC 91.034  $NODE 7288 AHEAD
      TABLE 300 AX 512.6 IX 1012.2 IY 50473.0 IZ 2227735.5  YD 158.700 -
        YC 76.457  $NODE 7289
      TABLE 301 AX 480.5 IX 988.1 IY 50467.0 IZ 1617079.8  YD 137.300 -
        YC 65.864  $NODE 7290
      TABLE 302 AX 465.3 IX 976.8 IY 50464.2 IZ 1368237.7  YD 127.230 -
        YC 60.885  $NODE 7291
      TABLE 303 AX 453.9 IX 968.2 IY 50462.1 IZ 1195986.0  YD 119.625 -
        YC 57.127  $NODE 7292 END
      TABLE 304 AX 355.8 IX 513.4 IY 30889.0 IZ 910360.2  YD 119.125 -
        YC 58.313  $NODE 7292 BEGIN
      TABLE 305 AX 353.5 IX 512.2 IY 30888.7 IZ 879907.1  YD 117.290 -
        YC 57.395  $NODE 7293
      TABLE 306 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 7294
      TABLE 307 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 7295
$
$
$
$   GIRDER 5
$   TAPER AT START OR END OF DELTA
$   PIER 9
      TABLE 308 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 9232
      TABLE 309 AX 285.4 IX 351.1 IY 27791.0 IZ 534678.3  YD 98.660 -
        YC 48.205  $NODE 9233
      TABLE 310 AX 289.8 IX 352.5 IY 27791.4 IZ 587313.9  YD 103.060 -
        YC 50.405  $NODE 9234
      TABLE 311 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 9235 END
      TABLE 312 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 9235 BEGIN
      TABLE 313 AX 428.7 IX 910.0 IY 45587.5 IZ 1123575.4  YD 118.450 -
        YC 57.725  $NODE 9236
      TABLE 314 AX 451.7 IX 924.5 IY 45591.1 IZ 1498290.3  YD 135.180 -
        YC 66.090  $NODE 9237
      TABLE 315 AX 480.1 IX 942.4 IY 45595.6 IZ 2047164.4  YD 155.790 -
        YC 76.395  $NODE 9238
      TABLE 316 AX 513.2 IX 963.3 IY 45600.8 IZ 2817686.6  YD 179.860 -
        YC 88.430  $NODE 9239
      TABLE 317 AX 529.5 IX 973.5 IY 45603.4 IZ 3251420.0  YD 191.720 -
        YC 94.360  $NODE 9240 BACK
      TABLE 318 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
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        YC 48.000  $NODE 9240 AHEAD
      TABLE 319 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 9241
      TABLE 320 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 9242
$
$
      TABLE 321 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 9253
      TABLE 322 AX 402.0 IX 893.2 IY 45583.3 IZ 763146.0  YD 99.000 -
        YC 48.000  $NODE 9254 BACK
      TABLE 323 AX 529.5 IX 973.6 IY 45603.4 IZ 3252182.6  YD 191.740 -
        YC 94.370  $NODE 9254 AHEAD
      TABLE 324 AX 483.6 IX 944.6 IY 45596.1 IZ 2121447.2  YD 158.320 -
        YC 77.660  $NODE 9255
      TABLE 325 AX 451.0 IX 924.1 IY 45591.0 IZ 1484742.8  YD 134.620 -
        YC 65.810  $NODE 9256
      TABLE 326 AX 426.0 IX 908.3 IY 45587.1 IZ 1083059.7  YD 116.460 -
        YC 56.730  $NODE 9257
      TABLE 327 AX 417.8 IX 903.2 IY 45585.8 IZ 966740.9  YD 110.500 -
        YC 53.750  $NODE 9258 END
      TABLE 328 AX 296.5 IX 354.8 IY 27792.0 IZ 672733.7  YD 109.750 -
        YC 53.750  $NODE 9258 BEGIN
      TABLE 329 AX 288.1 IX 352.0 IY 27791.3 IZ 566166.0  YD 101.320 -
        YC 49.535  $NODE 9259
      TABLE 330 AX 285.4 IX 351.1 IY 27791.0 IZ 534911.2  YD 98.680 -
        YC 48.215  $NODE 9260
      TABLE 331 AX 285.0 IX 350.9 IY 27791.0 IZ 529914.9  YD 98.250 -
        YC 48.000  $NODE 9261
$
$
$   GIRDER 5
$   TAPER AT START AND END OF DELTA AT PIER 10
      TABLE 332 AX 330.0 IX 500.0 IY 30885.6 IZ 601637.5  YD 98.500 -
        YC 48.000  $NODE 9269
      TABLE 333 AX 333.6 IX 501.9 IY 30886.1 IZ 640816.2  YD 101.410 -
        YC 49.455  $NODE 9270
      TABLE 334 AX 344.4 IX 507.5 IY 30887.5 IZ 764765.3  YD 110.000 -
        YC 53.750  $NODE 9271 END
      TABLE 335 AX 440.3 IX 957.9 IY 50459.5 IZ 1006599.7  YD 110.500 -
        YC 52.621  $NODE 9271 BEGIN
      TABLE 336 AX 456.5 IX 970.1 IY 50462.5 IZ 1233007.4  YD 121.310 -
        YC 57.959  $NODE 9272
      TABLE 337 AX 469.4 IX 979.8 IY 50464.9 IZ 1432611.6  YD 129.930 -
        YC 62.219  $NODE 9273
      TABLE 338 AX 507.3 IX 1008.3 IY 50472.1 IZ 2120939.8  YD 155.230 -
        YC 74.738  $NODE 9274
      TABLE 339 AX 562.0 IX 1049.2 IY 50482.3 IZ 3400413.5  YD 191.660 -
        YC 92.795  $NODE 9275 BACK
      TABLE 340 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 9275 AHEAD
      TABLE 341 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 9276
      TABLE 342 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 9277
$
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      TABLE 343 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 9287
      TABLE 344 AX 423.0 IX 945.0 IY 50456.3 IZ 793951.8  YD 99.000 -
        YC 46.947  $NODE 9288 BACK
      TABLE 345 AX 556.7 IX 1045.2 IY 50481.3 IZ 3259917.5  YD 188.110 -
        YC 91.034  $NODE 9288 AHEAD
      TABLE 346 AX 514.3 IX 1013.5 IY 50473.4 IZ 2265068.9  YD 159.890 -
        YC 77.046  $NODE 9289
      TABLE 347 AX 479.6 IX 987.5 IY 50466.9 IZ 1603124.5  YD 136.760 -
        YC 65.597  $NODE 9290
      TABLE 348 AX 458.6 IX 971.7 IY 50462.9 IZ 1264034.9  YD 122.700 -
        YC 58.646  $NODE 9291
      TABLE 349 AX 453.9 IX 968.2 IY 50462.1 IZ 1195986.0  YD 119.625 -
        YC 57.127  $NODE 9292 END
      TABLE 350 AX 355.8 IX 513.4 IY 30889.0 IZ 910360.2  YD 119.125 -
        YC 58.313  $NODE 9292 BEGIN
      TABLE 351 AX 352.6 IX 511.8 IY 30888.6 IZ 867794.9  YD 116.550 -
        YC 57.025  $NODE 9293
      TABLE 352 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 9294
      TABLE 353 AX 352.5 IX 511.7 IY 30888.6 IZ 866980.0  YD 116.500 -
        YC 57.000  $NODE 9295
$
$
$
$
$   STEEL GIRDER DELTA LEG SECTIONS
      TABLE 354 AX 237.0 IX 334.9 IY 27787.0 IZ 128604.9  YD 50.250 -
        YC 26.250  $ PIER 3 DELTA
      TABLE 355 AX 210.0 IX 289.4 IY 17500.0 IZ 111549.4  YD 50.250 -
        YC 26.250  $ PIER 4 DELTA
      TABLE 356 AX 208.0 IX 349.3 IY 13657.3 IZ 111309.3  YD 50.500 -
        YC 26.500  $ PIER 5 DELTA
      TABLE 357 AX 208.0 IX 349.3 IY 13657.3 IZ 111309.3  YD 50.500 -
        YC 26.500  $ PIER 6 DELTA
      TABLE 358 AX 208.0 IX 349.3 IY 13657.3 IZ 111309.3  YD 50.500 -
        YC 26.500  $ PIER 7 DELTA
      TABLE 359 AX 246.0 IX 515.1 IY 21388.0 IZ 136831.1  YD 50.750 -
        YC 26.750  $ PIER 8 DELTA
      TABLE 360 AX 295.5 IX 639.9 IY 41769.6 IZ 168734.9  YD 50.750 -
        YC 26.750  $ PIER 9 DELTA
      TABLE 361 AX 318.0 IX 826.0 IY 45566.5 IZ 184986.0  YD 51.000 -
        YC 27.000  $ PIER 10 DELTA
$
$   STEEL GIRDER DELTA LEG SECTIONS AT BEARING
      TABLE 362 AX 249.0 IX 350.2 IY 27790.8 IZ 130908.9  YD 50.250 -
        YC 26.250  $ PIER 3 DELTA AT BRG
      TABLE 363 AX 222.0 IX 304.6 IY 17503.8 IZ 113853.4  YD 50.250 -
        YC 26.250  $ PIER 4 DELTA AT BRG
      TABLE 364 AX 220.0 IX 364.6 IY 13661.1 IZ 113613.3  YD 50.500 -
        YC 26.500  $ PIER 5 DELTA AT BRG
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       TABLE 365 AX 220.0 IX 364.6 IY 13661.1 IZ 113613.3  YD 50.500 -
         YC 26.500  $ PIER 6 DELTA AT BRG
       TABLE 366 AX 220.0 IX 364.6 IY 13661.1 IZ 113613.3  YD 50.500 -
         YC 26.500  $ PIER 7 DELTA AT BRG
       TABLE 367 AX 258.0 IX 530.4 IY 21391.8 IZ 139135.1  YD 50.750 -
         YC 26.750  $ PIER 8 DELTA AT BRG
       TABLE 368 AX 307.5 IX 655.2 IY 41773.4 IZ 171038.9  YD 50.750 -
         YC 26.750  $ PIER 9 DELTA AT BRG
       TABLE 369 AX 330.0 IX 841.3 IY 45570.3 IZ 187290.0  YD 51.000 -
         YC 27.000  $ PIER 10 DELTA AT BRG
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$  INTERIOR DECK MEMBER SECTION PROPERTIES ARE THE SAME (GIRDERS 2, 3, AND 4)
$  EXTERIOR DECK MEMBER SECTION PROPERTIES ARE THE SAME (GIRDERS 1 AND 5)
$
UNIT KIP INCHES
SECTION PROPERTIES
$   INTERIOR DECK (CONSTANT DEPTH SECTIONS)
$
       TABLE 400 AX 1179.0 IX 31833.1 IY 1686083.7 IZ 7958.3  YD 15.000 -
         YC 4.500  VSR 4.500  $ SPAN 3
       TABLE 401 AX 1134.0 IX 30618.0 IY 1500282.0 IZ 7654.5  YD 15.000 -
         YC 4.500  VSR 4.500  $ SPAN 4
       TABLE 402 AX 1080.0 IX 29160.0 IY 1296000.0 IZ 7290.0  YD 15.000 -
         YC 4.500  VSR 4.500  $ SPAN 5
       TABLE 403 AX 1053.0 IX 28431.0 IY 1201209.8 IZ 7107.8  YD 15.000 -
         YC 4.500  VSR 4.500  $ SPAN 6
       TABLE 404 AX 1107.0 IX 29889.0 IY 1395650.3 IZ 7472.3  YD 15.000 -
         YC 4.500  VSR 4.500  $ SPAN 7
       TABLE 405 AX 1335.0 IX 44500.0 IY 1982725.3 IZ 11125.0  YD 15.000 -
         YC 5.000  VSR 5.000  $ SPAN 8
       TABLE 406 AX 1470.0 IX 49000.0 IY 2647102.5 IZ 12250.0  YD 15.000 -
         YC 5.000  VSR 5.000  $ SPAN 9
       TABLE 407 AX 1660.0 IX 55333.2 IY 3811885.8 IZ 13833.3  YD 15.000 -
         YC 5.000  VSR 5.000  $ SPAN 10
       TABLE 408 AX 1080.0 IX 29160.0 IY 1296000.0 IZ 7290.0  YD 15.000 -
         YC 4.500  VSR 4.500  $ SPAN 11
$
$
$   INTERIOR DECK (OVER PIERS)
$
       TABLE 409 AX 1134.0 IX 30618.0 IY 1500282.0 IZ 7654.5  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 3
       TABLE 410 AX 1107.0 IX 29889.0 IY 1395650.3 IZ 7472.3  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 4
       TABLE 411 AX 1044.0 IX 28188.1 IY 1170684.1 IZ 7047.0  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 5
       TABLE 412 AX 1053.0 IX 28431.0 IY 1201209.8 IZ 7107.8  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 6
       TABLE 413 AX 1152.0 IX 31104.1 IY 1572878.7 IZ 7776.0  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 7
       TABLE 414 AX 1410.0 IX 47000.0 IY 2336017.5 IZ 11750.0  YD 15.000 -
         YC 5.000  VSR 5.000  $ PIER 8
       TABLE 415 AX 1600.0 IX 53333.2 IY 3413307.7 IZ 13333.3  YD 15.000 -
         YC 5.000  VSR 5.000  $ PIER 9
       TABLE 416 AX 1710.0 IX 57000.0 IY 4166842.5 IZ 14250.0  YD 15.000 -
         YC 5.000  VSR 5.000  $ PIER 10 Back
       TABLE 417 AX 1035.0 IX 27944.9 IY 1140644.3 IZ 6986.2  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 10 Ahead
$
$
$   INTERIOR DECK (TRANSITION AT START OR END OF DELTA)
$
       TABLE 418 AX 1147.5 IX 30982.5 IY 1554503.9 IZ 7745.6  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 3 BACK
       TABLE 419 AX 1134.0 IX 30618.0 IY 1500282.0 IZ 7654.5  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 3 AHEAD
       TABLE 420 AX 1116.0 IX 30131.9 IY 1429954.2 IZ 7533.0  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 4 BACK
       TABLE 421 AX 1093.5 IX 29524.5 IY 1345210.0 IZ 7381.1  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 4 AHEAD
       TABLE 422 AX 1066.5 IX 28795.5 IY 1248005.0 IZ 7198.9  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 5 BACK
       TABLE 423 AX 1053.0 IX 28431.0 IY 1201209.8 IZ 7107.8  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 5 AHEAD
       TABLE 424 AX 1053.0 IX 28431.0 IY 1201209.8 IZ 7107.8  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 6 BACK
       TABLE 425 AX 1080.0 IX 29160.0 IY 1296000.0 IZ 7290.0  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 6 AHEAD
       TABLE 426 AX 1134.0 IX 30618.0 IY 1500282.0 IZ 7654.5  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 7 BACK
       TABLE 427 AX 1179.0 IX 31833.1 IY 1686083.7 IZ 7958.3  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 7 AHEAD
       TABLE 428 AX 1360.0 IX 45333.2 IY 2096194.8 IZ 11333.3  YD 15.000 -
         YC 5.000  VSR 5.000  $ PIER 8 BACK
       TABLE 429 AX 1425.0 IX 47500.0 IY 2411367.2 IZ 11875.0  YD 15.000 -
         YC 5.000  VSR 5.000  $ PIER 8 AHEAD
       TABLE 430 AX 1540.0 IX 51333.2 IY 3043529.6 IZ 12833.3  YD 15.000 -
         YC 5.000  VSR 5.000  $ PIER 9 BACK
       TABLE 431 AX 1635.0 IX 54500.0 IY 3642269.1 IZ 13625.0  YD 15.000 -
         YC 5.000  VSR 5.000  $ PIER 9 AHEAD
       TABLE 432 AX 1700.0 IX 56666.8 IY 4094195.6 IZ 14166.7  YD 15.000 -
         YC 5.000  VSR 5.000  $ PIER 10 BACK
       TABLE 433 AX 1062.0 IX 28673.9 IY 1232261.5 IZ 7168.5  YD 15.000 -
         YC 4.500  VSR 4.500  $ PIER 10 AHEAD
$
$
$
$
$
$
$
$   EXTERIOR DECK (CONSTANT DEPTH SECTIONS)
$
       TABLE 434 AX 1075.5 IX 29038.5 IY 1279873.8 IZ 7259.6  YD 15.000 -
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         YC 4.500  VSR 4.337  $ SPAN 3
       TABLE 435 AX 1053.0 IX 28431.0 IY 1201209.8 IZ 7107.8  YD 15.000 -
         YC 4.500  VSR 4.333  $ SPAN 4
       TABLE 436 AX 1026.0 IX 27702.0 IY 1111158.0 IZ 6925.5  YD 15.000 -
         YC 4.500  VSR 4.329  $ SPAN 5
       TABLE 437 AX 1012.5 IX 27337.5 IY 1067871.1 IZ 6834.4  YD 15.000 -
         YC 4.500  VSR 4.327  $ SPAN 6
       TABLE 438 AX 1039.5 IX 28066.5 IY 1155599.2 IZ 7016.6  YD 15.000 -
         YC 4.500  VSR 4.331  $ SPAN 7
       TABLE 439 AX 1207.5 IX 40250.0 IY 1467169.1 IZ 10062.5  YD 15.000 -
         YC 5.000  VSR 4.801  $ SPAN 8
       TABLE 440 AX 1275.0 IX 42500.0 IY 1727226.6 IZ 10625.0  YD 15.000 -
         YC 5.000  VSR 4.811  $ SPAN 9
       TABLE 441 AX 1370.0 IX 45666.6 IY 2142784.8 IZ 11416.7  YD 15.000 -
         YC 5.000  VSR 4.824  $ SPAN 10
       TABLE 442 AX 1026.0 IX 27702.0 IY 1111158.0 IZ 6925.5  YD 15.000 -
         YC 4.500  VSR 4.329  $ SPAN 11
$
$
$   EXTERIOR DECK (OVER PIERS)
$
       TABLE 443 AX 1053.0 IX 28431.0 IY 1201209.8 IZ 7107.8  YD 15.000 -
         YC 4.500  VSR 4.333  $ PIER 3
       TABLE 444 AX 1039.5 IX 28066.5 IY 1155599.2 IZ 7016.6  YD 15.000 -
         YC 4.500  VSR 4.331  $ PIER 4
       TABLE 445 AX 1008.0 IX 27216.0 IY 1053701.6 IZ 6804.0  YD 15.000 -
         YC 4.500  VSR 4.326  $ PIER 5
       TABLE 446 AX 1012.5 IX 27337.5 IY 1067871.1 IZ 6834.4  YD 15.000 -
         YC 4.500  VSR 4.327  $ PIER 6
       TABLE 447 AX 1062.0 IX 28674.0 IY 1232280.3 IZ 7168.5  YD 15.000 -
         YC 4.500  VSR 4.335  $ PIER 7
       TABLE 448 AX 1245.0 IX 41500.0 IY 1608150.9 IZ 10375.0  YD 15.000 -
         YC 5.000  VSR 4.807  $ PIER 8
       TABLE 449 AX 1340.0 IX 44666.6 IY 2005077.7 IZ 11166.7  YD 15.000 -
         YC 5.000  VSR 4.820  $ PIER 9
       TABLE 450 AX 1395.0 IX 46500.0 IY 2262254.1 IZ 11625.0  YD 15.000 -
         YC 5.000  VSR 4.827  $ PIER 10 Back
       TABLE 451 AX 1003.5 IX 27094.5 IY 1039641.3 IZ 6773.6  YD 15.000 -
         YC 4.500  VSR 4.325  $ PIER 10 Ahead
$
$
$
$   EXTERIOR DECK (TRANSITION AT START OR END OF DELTA)
$
       TABLE 452 AX 1059.8 IX 28613.3 IY 1224458.3 IZ 7153.3  YD 15.000 -
         YC 4.500  VSR 4.334  $ PIER 3 BACK
       TABLE 453 AX 1053.0 IX 28431.0 IY 1201209.8 IZ 7107.8  YD 15.000 -
         YC 4.500  VSR 4.333  $ PIER 3 AHEAD
       TABLE 454 AX 1044.0 IX 28188.0 IY 1170665.9 IZ 7047.0  YD 15.000 -
         YC 4.500  VSR 4.332  $ PIER 4 BACK
       TABLE 455 AX 1032.8 IX 27884.3 IY 1133233.3 IZ 6971.1  YD 15.000 -
         YC 4.500  VSR 4.330  $ PIER 4 AHEAD
       TABLE 456 AX 1019.3 IX 27519.8 IY 1089371.2 IZ 6879.9  YD 15.000 -
         YC 4.500  VSR 4.328  $ PIER 5 BACK
       TABLE 457 AX 1012.5 IX 27337.5 IY 1067871.1 IZ 6834.4  YD 15.000 -
         YC 4.500  VSR 4.327  $ PIER 5 AHEAD
       TABLE 458 AX 1012.5 IX 27337.5 IY 1067871.1 IZ 6834.4  YD 15.000 -
         YC 4.500  VSR 4.327  $ PIER 6 BACK
       TABLE 459 AX 1026.0 IX 27702.0 IY 1111158.0 IZ 6925.5  YD 15.000 -
         YC 4.500  VSR 4.329  $ PIER 6 AHEAD
       TABLE 460 AX 1053.0 IX 28431.0 IY 1201209.8 IZ 7107.8  YD 15.000 -
         YC 4.500  VSR 4.333  $ PIER 7 BACK
       TABLE 461 AX 1075.5 IX 29038.5 IY 1279873.8 IZ 7259.6  YD 15.000 -
         YC 4.500  VSR 4.337  $ PIER 7 AHEAD
       TABLE 462 AX 1220.0 IX 40666.6 IY 1513199.2 IZ 10166.7  YD 15.000 -
         YC 5.000  VSR 4.803  $ PIER 8 BACK
       TABLE 463 AX 1252.5 IX 41750.0 IY 1637389.3 IZ 10437.5  YD 15.000 -
         YC 5.000  VSR 4.808  $ PIER 8 AHEAD
       TABLE 464 AX 1310.0 IX 43666.6 IY 1873400.6 IZ 10916.7  YD 15.000 -
         YC 5.000  VSR 4.816  $ PIER 9 BACK
       TABLE 465 AX 1357.5 IX 45250.0 IY 2084674.6 IZ 11312.5  YD 15.000 -
         YC 5.000  VSR 4.822  $ PIER 9 AHEAD
       TABLE 466 AX 1390.0 IX 46333.4 IY 2238025.5 IZ 11583.4  YD 15.000 -
         YC 5.000  VSR 4.826  $ PIER 10 BACK
       TABLE 467 AX 1017.0 IX 27459.0 IY 1082167.0 IZ 6864.7  YD 15.000 -
         YC 4.500  VSR 4.328  $ PIER 10 AHEAD
$
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$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
$
$  STRINGER SECTION PROPERTIES
$
$   STRINGERS - W18x97
UNIT KIP INCHES
SECTION PROPERTIES
       TABLE 470 AX 28.5 IX 5.9 IY 201.0 IZ 1750.0  YD 17.7  YC 8.4  $ STRINGERS
$
$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
UNIT KIP INCHES
SECTION PROPERTIES
$   DIAPHRAGMS
       TABLE 475 AX 64.0 IX 37.6 IY 704.0 IZ 8910.0  $ STANDARD INTERMEDIATE DIAPHRAGMS
       TABLE 476 AX 65.5 IX 12.0 IY 598.6 IZ 37192.1  $ DELTA DIAPHRAGMS P2-8
       TABLE 477 AX 65.5 IX 12.0 IY 598.6 IZ 37192.1  $ DELTA DIAPHRAGMS P9-10
       TABLE 478 AX 49.9 IX 8.5 IY 597.7 IZ 22676.9  $ STD 2 STRINGER DIAPHRAGMS
       TABLE 479 AX 65.5 IX 12.0 IY 598.6 IZ 37192.1  $ DELTA 2 STRINGER DIAPHRAGMS
       TABLE 480 AX 65.5 IX 12.0 IY 598.6 IZ 37192.1  YC 50.0  $ END (DELTA) DIAPHRAGMS
$
$
$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
$
$  LATERAL BRACING SECTION PROPERTIES
       TABLE 1000 AX 39.7 IX 7.0 IY 225.0 IZ 7800.0 $ W36 X 135 LATERAL BRACING
       TABLE 2000 AX 12.7 $  TRUSS MEMBER WT 9 X 43
$
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$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
$
$   BEARING SUPPORT MEMBERS
       TABLE 10000 AX 60.0 IX 72000. IY 72000.0 IZ 1.25
$
$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$
$
$    TEMPORARY SUPPORT COLUMNS AND CAP USE W40 X 264
       TABLE 90000 AX 77.6 IX 56.1 IY 19400.0 IZ 493.0
$     TEMPORARY SUPPORT DIAGONALS USE WT 9X96
       TABLE 90001 AX 28.2
$
$ END INCLUDE FILE
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