



REPORT TO COUNCIL City of Sacramento

915 I Street, Sacramento, CA 95814-2671
www.CityofSacramento.org

CONSENT
February 28, 2006

Honorable Mayor and
Members of the City Council

Subject: Contract: Richards Boulevard at 12th and 16th Streets Intersection
Improvement Project (PN: TU22)

Location/Council District: 12th Street and 16th Street at Richards Boulevard. Location
map - Exhibit A of Resolution. (District 1)

Recommendation:

Adopt a Resolution: 1) approving plans and specifications, 2) appropriating funds 3) accepting the lowest and responsive bid of C & C Construction, Inc in the amount of \$3,817,710, and 4) authorizing and directing the City Manager to execute a contract in the amount of \$3,817,710 with C & C Construction, Inc for the Richards Boulevard at 12th and 16th Streets Intersection Improvement Project (PN: TU22).

Contact: Ricky Chuck, Senior Civil Engineer, (916) 808-5050; Tim Mar, Supervising Engineer, (916) 808-7531

Presenters: None

Department: Department of Transportation

Division: Engineering Services

Organization No: 3434

Summary:

This project will construct a new signalized intersection at Richards Boulevard and 12th and 16th Streets to improve access to and from the Richards Boulevard area and reduce traffic congestion at the intersection of Sproule Avenue and 16th Street (see Exhibit B attached). The improvements include curbs, gutters, sidewalks, curb ramps, pavement widening and reconstruction, drainage, traffic signal installation, street lighting, crossing gates, signaling and railroad grade crossing warning system, signing and striping, landscape and irrigation.

Committee/Commission Action: None.

Background Information:

The Richards Boulevard at 12th and 16th Streets Intersection Improvement Project (PN: TU22) will construct a new signalized, at-grade intersection to improve access to the Richards Boulevard area. The project will reduce traffic congestion at the Sproule Avenue and 16th Street intersection and provide improved access to and from the Richards Boulevard area. Furthermore, the project will provide safe pedestrian, bicycles, vehicle crossings at 12th and 16th Streets.

The project was advertised and one bid was received on November 2, 2005. On December 6, 2005, City Council rejected the bid due to the considerably high bid amount and approved the project for re-bidding. The project was re-advertised and bids were received on January 18, 2006. The bids are summarized below:

Contractor	Bid Amount	DBE Participation (25% Goal)	Good Faith Effort (GFE)	Prime Participation (30%)	Responsive
Martin Brothers	\$3,625,439	24.8%	No	24.8%	No
C & C Construction, Inc	\$3,817,710	14.44%	Yes	85.56%	Yes
McGuire Hester Company	\$3,866,614	14.0%	Yes	86%	Yes
JA Gonsalves	\$4,794,879	39%	No	39%	No

The engineer's construction estimate was \$3,330,000.

The apparent low bidder, Martin Brothers Construction, was not responsive because they did not achieve the DBE goal of 25% or demonstrate adequate GFE submission to meet the goal. An administrative reconsideration took place and again, Martin Brothers Construction was not responsive due to not achieving the DBE goal of 25% or demonstrating GFE. Furthermore, Martin Brothers Construction did not satisfy the federal requirement for federal-aid construction contracts that require prime contractors to perform not less than thirty percent (30%) of the original contract work with the contractor's own forces.

C & C Construction, Inc did satisfactorily demonstrate Good Faith Effort (GFE) with respect to required outreach and met the requirement for performing not less than thirty percent (30%) of the contract work with their own forces. Accordingly, it is deemed the lowest responsive and responsible bidder.

C & C Construction's bid was \$180,903 less than the bid received on November 2, 2005.

It is recommended that the contract be awarded to C & C Construction, Inc for its lowest responsive and responsible bid.

Construction is anticipated to begin March 2006 and be completed by December 2006.

Financial Considerations:

On August 16, 2005 the City and Regional Transit (RT) entered into a Supplemental Agreement with RT agreeing to contribute \$1,192,000 (\$896,859 in federal funds and \$295,141 in Fund 248) or the actual cost of their share of the project. The RT share of the project has increased to \$2,455,790. RT has notified the City via email that they will program an additional \$498,625 in their FY07/08 budget to pay for the additional costs on the project. The City and RT are negotiating over what terms RT will pay their remaining balance of approximately \$770,000. Staff is recommending that the City use local funds to cover this gap until negotiations are complete.

The total estimated project cost is \$5,100,000. The current project budget is \$3,241,102 with an unobligated balance of \$2,571,365 (as of January 27, 2006). Transferring match funds in the amount of \$57,000 (Fund 209) from the State and Federal Grant Match Program (PN: TX01), appropriating \$860,273 from Major Street Construction Tax Contingency (Fund 209) and appropriating \$498,625 from the RT agreement (Fund 248) will increase the project budget to \$4,657,000 and the unobligated balance to \$3,987,263 which is sufficient to execute the contract in the amount of \$3,817,710 with C & C Construction, Inc. There is an additional \$443,000 in federal funds that has been appropriated to the project but is awaiting completion of the federal paperwork prior to loading the budget. These funds will cover project management and construction engineering costs.

Environmental Considerations:

The Development Services Department, Environmental Planning Services has reviewed the project and determined that the project is exempt from the provisions of the California Environmental Quality Act (CEQA) under Class 1, Section 15301(c) and Class 4, Section 15304. Projects exempted under Class 1, Section 15301(c) consist of the operation, repair, maintenance, and minor alteration of existing highways, streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities involving negligible or no expansion of use. Projects exempted under Class 4, Section 15304 consist of minor alterations to land.

Also, a Categorical Exclusion was approved by the Federal Highway Administration (FHWA) in May 2003, in compliance with the National Environmental Policy Act (NEPA).

Policy Considerations:


Approval of the agreement is consistent with Sacramento City Code, Title 3. The proposed project supports the City's Strategic Plan goal of achieving sustainability and

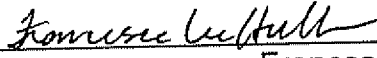
enhancing livability. Furthermore, the project will support the City's goal of promoting and supporting economic development.

Emerging Small Business Development (ESBD):

The Disadvantaged Business Enterprise (DBE) project participation goal of 25% applies to all Federal aid projects. C & C Construction, Inc did not meet the DBE goal, but did satisfactorily demonstrate a Good Faith Effort (GFE) in attempting to meet the goal.

To encourage small and emerging business participation, plans and specifications were sent to 16 plan rooms and construction service organizations for publication. Project notices were sent to 30 organizations involved in DBE recruitment. The project was advertised on the City's Internet site at www.cityofsacramento.org.

Respectfully Submitted by: 
Nicholas Theocharides
Engineering Services Manager

Approved by: 
Francesca Lee Halbakken
Interim Director, Department of Transportation

Recommendation Approved:


RAY KERRIDGE
Interim City Manager

Table of Contents:

Pg	1	Report
Pg	5	Resolution
Pg	8	Resolution Exhibit A – Location Map
Pg	9	Resolution Exhibit B – Project Plan

RESOLUTION NO.

Adopted by the Sacramento City Council

APPROVING PLANS AND SPECIFICATIONS, APPROPRIATING FUNDS, ACCEPTING BID AND AWARDING CONTRACT FOR RICHARDS BOULEVARD AT 12TH AND 16TH STREETS INTERSECTION PROJECT (PN: TU22)

BACKGROUND

- A. The Richards Boulevard at 12th and 16th Streets Intersection Improvement Project (PN: TU22) will construct a new signalized, at-grade intersection to improve access to the Richards Boulevard area. The improvements include curbs, gutters, sidewalks, curb ramps, pavement widening and reconstruction, drainage, traffic signal installation, street lighting, crossing gates, signaling and railroad grade crossing warning system, signing and striping, landscape and irrigation.
- B. The project was advertised and one bid was received on November 2, 2005. On December 6, 2005, City Council rejected the bid due to the considerably high bid amount and approved the project for rebidding. The project was re-advertised and bids were received on January 18, 2006. The bids are summarized below:

[REDACTED]					
Martin Brothers	\$3,625,439	24.8%	No	24.8%	No
C & C Construction, Inc	\$3,817,710	14.44%	Yes	85.56%	Yes
McGuire Hester Company	\$3,866,614	14.0%	Yes	86%	Yes
JA Gonsalves	\$4,794,879	39%	No	39%	No

The apparent low bidder, Martin Brothers Construction, was not responsive due to not achieving the DBE goal of 25% or demonstrating adequate GFE submission to meet the goal. An administrative reconsideration took place and

again Martin Brothers Construction was not responsive due to not achieving the DBE goal of 25% of demonstrating GFE. Martin Brothers Construction did not satisfy the federal requirement for federal-aid construction contracts for prime contractors to perform not less than thirty percent (30%) of the original contract work with the contractor's own forces.

C & C Construction, Inc did satisfactorily demonstrate a Good Faith Effort (GFE) with respect to required DBE outreach and met the requirement for performing not less than thirty percent of the contract work with their own forces. Accordingly, it is deemed the lowest responsive and responsible bidder.

- C. Construction is anticipated to begin March 2006 and be completed by December 2006.
- D. On August 16, 2005 the City and Regional Transit (RT) entered into a Supplemental Agreement specifying that RT would contribute \$1,192,000 (\$896,859 in federal funds and \$295,141 in Fund 248) or the actual cost of their share of the project. The RT share of the project has increased to \$2,455,790. RT has notified the City via email that they will program an additional \$498,625 in their FY07/08 to pay for additional costs on the project. The City and RT are negotiating over what terms RT will pay their remaining balance of approximately \$770,000. Staff is recommending that the City use local funds to cover this gap until negotiations are complete.

BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL RESOLVES AS FOLLOWS:

- Section 1. Plans and specifications for the Richards Boulevard at 12th and 16th Streets Intersection Improvement Project (PN: TU22) are approved.
- Section 2. Staff is directed to amend the Capital Improvement Program revenue and expenditure budgets by transferring \$57,000 (Fund 209) from the State and Federal Grant Match Program (PN: TX01), appropriating \$860,273 from Major Street Construction Tax Contingency (Fund 209) and appropriating \$498,625 from the RT agreement (Fund 248) to the Richards Boulevard at 12th and 16th Streets Intersection Improvement Project (PN: TU22).
- Section 3. When negotiations with RT are concluded, staff is directed to amend the Capital Improvement Program revenue and expenditure budgets by increasing the amount of the appropriation in Fund 248 by the amount that RT agrees to pay up to \$770,000 and decreasing the amount of the appropriation in Fund 209 by the amount that RT agrees to pay up to \$770,000.

Section 4. The lowest responsive and responsible bid of C & C Construction, Inc in the amount of \$3,817,710 is accepted.

Section 5. The City Manager is authorized and directed to execute a contract in the amount of \$3,817,945 with C & C Construction, Inc for the Richards Boulevard at 12th and 16th Street Intersection Improvement Project (PN: TU22).

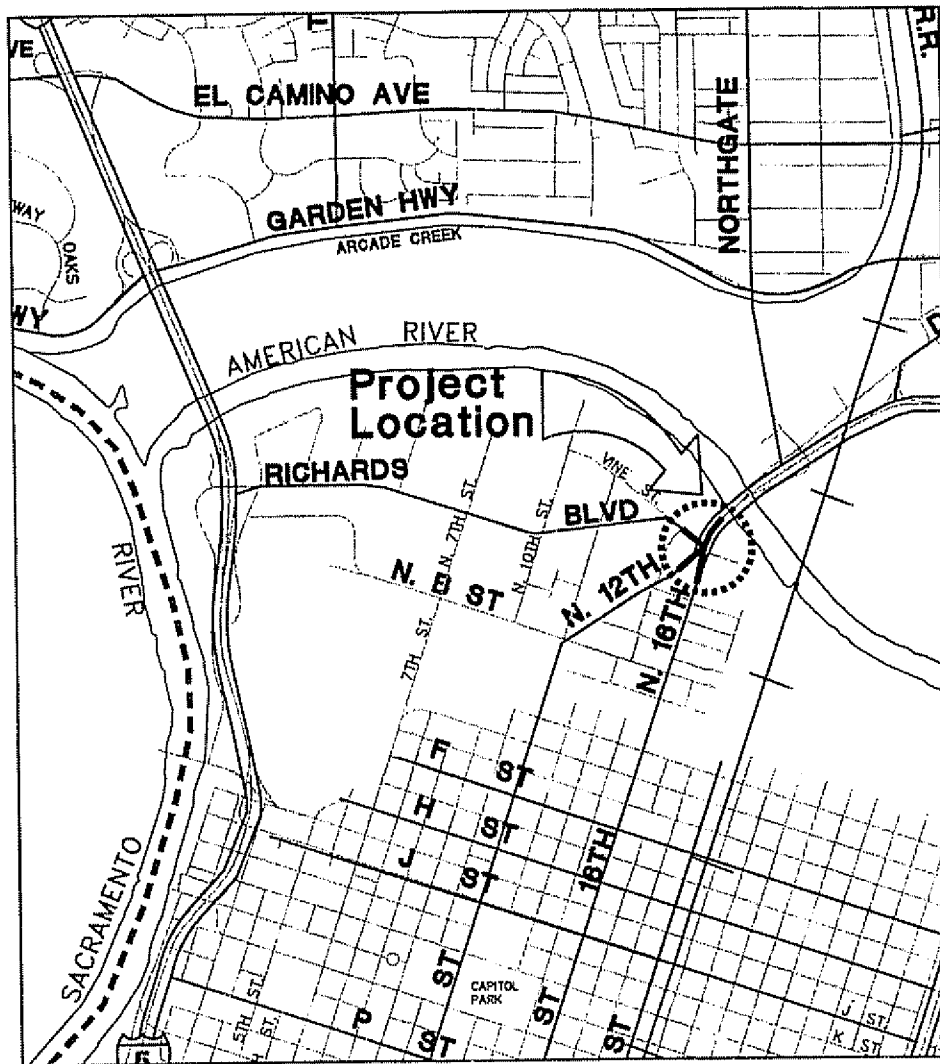
Table of Contents:

Exhibit A: Map of Richards Boulevard at 12th and 16th Streets Intersection Improvement Project (PN: TU22) – 1 page

Exhibit B: Striping and Signing Plan for Boulevard at 12th and 16th Streets Intersection Improvement Project (PN: TU22) – 1 page

EXHIBIT A

RICHARDS BOULEVARD AT 12TH AND 16TH STREETS INTERSECTION IMPROVEMENT PROJECT



0 1000 2500 5000 FEET

PN: TU22 LOCATION MAP

MAP CONTACT: B CAMERON
DATE: 10/21/05



LEGEND:

- INSTALL ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- EXISTING ROADSIDE SIGN TO REMAIN
- RELOCATE ROADSIDE SIGN
- EXISTING ROADSIDE SIGN LOCATION
- ROADSIDE SIGN LOCATION
- CSP CALVAIRED STEEL POST USE DETAIL A ON THIS SHEET
- SSM STRIP AND SADDLE BRACKET METHOD
- WOOD POST
- SIGNAL MAST ARM SKR
- BACK TO BLACK
- STREET NAME SIGN
- TYPE (COLOR) PAVERS SIGN
- TYPE V PAVERS SIGN
- TYPE W PAVERS SIGN
- CHANGE IN PAVEMENT DEPTH DETAIL
- TYPE O OBJECT MARKER
- PAVEMENT DELINEATION DETAIL, INL
- RAILROAD CROSSING PAVEMENT MARKING
- "TELL" PAVEMENT MARKING
- "SQUALL" PAVEMENT MARKING
- "SQUALL" PAVEMENT MARKING
- "KEEP" PAVEMENT MARKING
- "CLEAR" PAVEMENT MARKING
- DO NOT STOP ON THICKS SIGN (MUTED)
- SPOTS LOCATED BACK TO BLACK (DOUBLE SIDED)
- TYPE (INDUSTRIAL) OBJECT MARKER SIGN SHALL BE MOUNTED ON THE PAVEMENT (SEE DETAIL B)

ROADSIDE SIGN PANEL SIZES

- R-2 1030mm x 1100mm
- R-4 1030mm x 1400mm
- R-6 1030mm x 1700mm
- R-8 1030mm x 2000mm
- R-10 1030mm x 2300mm
- R-12 1030mm x 2600mm
- R-14 1030mm x 2900mm
- R-16 1030mm x 3200mm
- R-18 1030mm x 3500mm
- R-20 1030mm x 3800mm
- R-22 1030mm x 4100mm
- R-24 1030mm x 4400mm
- R-26 1030mm x 4700mm
- R-28 1030mm x 5000mm
- R-30 1030mm x 5300mm
- R-32 1030mm x 5600mm
- R-34 1030mm x 5900mm
- R-36 1030mm x 6200mm
- R-38 1030mm x 6500mm
- R-40 1030mm x 6800mm
- R-42 1030mm x 7100mm
- R-44 1030mm x 7400mm
- R-46 1030mm x 7700mm
- R-48 1030mm x 8000mm
- R-50 1030mm x 8300mm
- R-52 1030mm x 8600mm
- R-54 1030mm x 8900mm
- R-56 1030mm x 9200mm
- R-58 1030mm x 9500mm
- R-60 1030mm x 9800mm
- R-62 1030mm x 10100mm
- R-64 1030mm x 10400mm
- R-66 1030mm x 10700mm
- R-68 1030mm x 11000mm
- R-70 1030mm x 11300mm
- R-72 1030mm x 11600mm
- R-74 1030mm x 11900mm
- R-76 1030mm x 12200mm
- R-78 1030mm x 12500mm
- R-80 1030mm x 12800mm
- R-82 1030mm x 13100mm
- R-84 1030mm x 13400mm
- R-86 1030mm x 13700mm
- R-88 1030mm x 14000mm
- R-90 1030mm x 14300mm
- R-92 1030mm x 14600mm
- R-94 1030mm x 14900mm
- R-96 1030mm x 15200mm
- R-98 1030mm x 15500mm
- R-100 1030mm x 15800mm
- R-102 1030mm x 16100mm
- R-104 1030mm x 16400mm
- R-106 1030mm x 16700mm
- R-108 1030mm x 17000mm
- R-110 1030mm x 17300mm
- R-112 1030mm x 17600mm
- R-114 1030mm x 17900mm
- R-116 1030mm x 18200mm
- R-118 1030mm x 18500mm
- R-120 1030mm x 18800mm
- R-122 1030mm x 19100mm
- R-124 1030mm x 19400mm
- R-126 1030mm x 19700mm
- R-128 1030mm x 20000mm
- R-130 1030mm x 20300mm
- R-132 1030mm x 20600mm
- R-134 1030mm x 20900mm
- R-136 1030mm x 21200mm
- R-138 1030mm x 21500mm
- R-140 1030mm x 21800mm
- R-142 1030mm x 22100mm
- R-144 1030mm x 22400mm
- R-146 1030mm x 22700mm
- R-148 1030mm x 23000mm
- R-150 1030mm x 23300mm
- R-152 1030mm x 23600mm
- R-154 1030mm x 23900mm
- R-156 1030mm x 24200mm
- R-158 1030mm x 24500mm
- R-160 1030mm x 24800mm
- R-162 1030mm x 25100mm
- R-164 1030mm x 25400mm
- R-166 1030mm x 25700mm
- R-168 1030mm x 26000mm
- R-170 1030mm x 26300mm
- R-172 1030mm x 26600mm
- R-174 1030mm x 26900mm
- R-176 1030mm x 27200mm
- R-178 1030mm x 27500mm
- R-180 1030mm x 27800mm
- R-182 1030mm x 28100mm
- R-184 1030mm x 28400mm
- R-186 1030mm x 28700mm
- R-188 1030mm x 29000mm
- R-190 1030mm x 29300mm
- R-192 1030mm x 29600mm
- R-194 1030mm x 29900mm
- R-196 1030mm x 30200mm
- R-198 1030mm x 30500mm
- R-200 1030mm x 30800mm
- R-202 1030mm x 31100mm
- R-204 1030mm x 31400mm
- R-206 1030mm x 31700mm
- R-208 1030mm x 32000mm
- R-210 1030mm x 32300mm
- R-212 1030mm x 32600mm
- R-214 1030mm x 32900mm
- R-216 1030mm x 33200mm
- R-218 1030mm x 33500mm
- R-220 1030mm x 33800mm
- R-222 1030mm x 34100mm
- R-224 1030mm x 34400mm
- R-226 1030mm x 34700mm
- R-228 1030mm x 35000mm
- R-230 1030mm x 35300mm
- R-232 1030mm x 35600mm
- R-234 1030mm x 35900mm
- R-236 1030mm x 36200mm
- R-238 1030mm x 36500mm
- R-240 1030mm x 36800mm
- R-242 1030mm x 37100mm
- R-244 1030mm x 37400mm
- R-246 1030mm x 37700mm
- R-248 1030mm x 38000mm
- R-250 1030mm x 38300mm
- R-252 1030mm x 38600mm
- R-254 1030mm x 38900mm
- R-256 1030mm x 39200mm
- R-258 1030mm x 39500mm
- R-260 1030mm x 39800mm
- R-262 1030mm x 40100mm
- R-264 1030mm x 40400mm
- R-266 1030mm x 40700mm
- R-268 1030mm x 41000mm
- R-270 1030mm x 41300mm
- R-272 1030mm x 41600mm
- R-274 1030mm x 41900mm
- R-276 1030mm x 42200mm
- R-278 1030mm x 42500mm
- R-280 1030mm x 42800mm
- R-282 1030mm x 43100mm
- R-284 1030mm x 43400mm
- R-286 1030mm x 43700mm
- R-288 1030mm x 44000mm
- R-290 1030mm x 44300mm
- R-292 1030mm x 44600mm
- R-294 1030mm x 44900mm
- R-296 1030mm x 45200mm
- R-298 1030mm x 45500mm
- R-300 1030mm x 45800mm
- R-302 1030mm x 46100mm
- R-304 1030mm x 46400mm
- R-306 1030mm x 46700mm
- R-308 1030mm x 47000mm
- R-310 1030mm x 47300mm
- R-312 1030mm x 47600mm
- R-314 1030mm x 47900mm
- R-316 1030mm x 48200mm
- R-318 1030mm x 48500mm
- R-320 1030mm x 48800mm
- R-322 1030mm x 49100mm
- R-324 1030mm x 49400mm
- R-326 1030mm x 49700mm
- R-328 1030mm x 50000mm
- R-330 1030mm x 50300mm
- R-332 1030mm x 50600mm
- R-334 1030mm x 50900mm
- R-336 1030mm x 51200mm
- R-338 1030mm x 51500mm
- R-340 1030mm x 51800mm
- R-342 1030mm x 52100mm
- R-344 1030mm x 52400mm
- R-346 1030mm x 52700mm
- R-348 1030mm x 53000mm
- R-350 1030mm x 53300mm
- R-352 1030mm x 53600mm
- R-354 1030mm x 53900mm
- R-356 1030mm x 54200mm
- R-358 1030mm x 54500mm
- R-360 1030mm x 54800mm
- R-362 1030mm x 55100mm
- R-364 1030mm x 55400mm
- R-366 1030mm x 55700mm
- R-368 1030mm x 56000mm
- R-370 1030mm x 56300mm
- R-372 1030mm x 56600mm
- R-374 1030mm x 56900mm
- R-376 1030mm x 57200mm
- R-378 1030mm x 57500mm
- R-380 1030mm x 57800mm
- R-382 1030mm x 58100mm
- R-384 1030mm x 58400mm
- R-386 1030mm x 58700mm
- R-388 1030mm x 59000mm
- R-390 1030mm x 59300mm
- R-392 1030mm x 59600mm
- R-394 1030mm x 59900mm
- R-396 1030mm x 60200mm
- R-398 1030mm x 60500mm
- R-400 1030mm x 60800mm
- R-402 1030mm x 61100mm
- R-404 1030mm x 61400mm
- R-406 1030mm x 61700mm
- R-408 1030mm x 62000mm
- R-410 1030mm x 62300mm
- R-412 1030mm x 62600mm
- R-414 1030mm x 62900mm
- R-416 1030mm x 63200mm
- R-418 1030mm x 63500mm
- R-420 1030mm x 63800mm
- R-422 1030mm x 64100mm
- R-424 1030mm x 64400mm
- R-426 1030mm x 64700mm
- R-428 1030mm x 65000mm
- R-430 1030mm x 65300mm
- R-432 1030mm x 65600mm
- R-434 1030mm x 65900mm
- R-436 1030mm x 66200mm
- R-438 1030mm x 66500mm
- R-440 1030mm x 66800mm
- R-442 1030mm x 67100mm
- R-444 1030mm x 67400mm
- R-446 1030mm x 67700mm
- R-448 1030mm x 68000mm
- R-450 1030mm x 68300mm
- R-452 1030mm x 68600mm
- R-454 1030mm x 68900mm
- R-456 1030mm x 69200mm
- R-458 1030mm x 69500mm
- R-460 1030mm x 69800mm
- R-462 1030mm x 70100mm
- R-464 1030mm x 70400mm
- R-466 1030mm x 70700mm
- R-468 1030mm x 71000mm
- R-470 1030mm x 71300mm
- R-472 1030mm x 71600mm
- R-474 1030mm x 71900mm
- R-476 1030mm x 72200mm
- R-478 1030mm x 72500mm
- R-480 1030mm x 72800mm
- R-482 1030mm x 73100mm
- R-484 1030mm x 73400mm
- R-486 1030mm x 73700mm
- R-488 1030mm x 74000mm
- R-490 1030mm x 74300mm
- R-492 1030mm x 74600mm
- R-494 1030mm x 74900mm
- R-496 1030mm x 75200mm
- R-498 1030mm x 75500mm
- R-500 1030mm x 75800mm
- R-502 1030mm x 76100mm
- R-504 1030mm x 76400mm
- R-506 1030mm x 76700mm
- R-508 1030mm x 77000mm
- R-510 1030mm x 77300mm
- R-512 1030mm x 77600mm
- R-514 1030mm x 77900mm
- R-516 1030mm x 78200mm
- R-518 1030mm x 78500mm
- R-520 1030mm x 78800mm
- R-522 1030mm x 79100mm
- R-524 1030mm x 79400mm
- R-526 1030mm x 79700mm
- R-528 1030mm x 80000mm
- R-530 1030mm x 80300mm
- R-532 1030mm x 80600mm
- R-534 1030mm x 80900mm
- R-536 1030mm x 81200mm
- R-538 1030mm x 81500mm
- R-540 1030mm x 81800mm
- R-542 1030mm x 82100mm
- R-544 1030mm x 82400mm
- R-546 1030mm x 82700mm
- R-548 1030mm x 83000mm
- R-550 1030mm x 83300mm
- R-552 1030mm x 83600mm
- R-554 1030mm x 83900mm
- R-556 1030mm x 84200mm
- R-558 1030mm x 84500mm
- R-560 1030mm x 84800mm
- R-562 1030mm x 85100mm
- R-564 1030mm x 85400mm
- R-566 1030mm x 85700mm
- R-568 1030mm x 86000mm
- R-570 1030mm x 86300mm
- R-572 1030mm x 86600mm
- R-574 1030mm x 86900mm
- R-576 1030mm x 87200mm
- R-578 1030mm x 87500mm
- R-580 1030mm x 87800mm
- R-582 1030mm x 88100mm
- R-584 1030mm x 88400mm
- R-586 1030mm x 88700mm
- R-588 1030mm x 89000mm
- R-590 1030mm x 89300mm
- R-592 1030mm x 89600mm
- R-594 1030mm x 89900mm
- R-596 1030mm x 90200mm
- R-598 1030mm x 90500mm
- R-600 1030mm x 90800mm
- R-602 1030mm x 91100mm
- R-604 1030mm x 91400mm
- R-606 1030mm x 91700mm
- R-608 1030mm x 92000mm
- R-610 1030mm x 92300mm
- R-612 1030mm x 92600mm
- R-614 1030mm x 92900mm
- R-616 1030mm x 93200mm
- R-618 1030mm x 93500mm
- R-620 1030mm x 93800mm
- R-622 1030mm x 94100mm
- R-624 1030mm x 94400mm
- R-626 1030mm x 94700mm
- R-628 1030mm x 95000mm
- R-630 1030mm x 95300mm
- R-632 1030mm x 95600mm
- R-634 1030mm x 95900mm
- R-636 1030mm x 96200mm
- R-638 1030mm x 96500mm
- R-640 1030mm x 96800mm
- R-642 1030mm x 97100mm
- R-644 1030mm x 97400mm
- R-646 1030mm x 97700mm
- R-648 1030mm x 98000mm
- R-650 1030mm x 98300mm
- R-652 1030mm x 98600mm
- R-654 1030mm x 98900mm
- R-656 1030mm x 99200mm
- R-658 1030mm x 99500mm
- R-660 1030mm x 99800mm
- R-662 1030mm x 100100mm
- R-664 1030mm x 100400mm
- R-666 1030mm x 100700mm
- R-668 1030mm x 101000mm
- R-670 1030mm x 101300mm
- R-672 1030mm x 101600mm
- R-674 1030mm x 101900mm
- R-676 1030mm x 102200mm
- R-678 1030mm x 102500mm
- R-680 1030mm x 102800mm
- R-682 1030mm x 103100mm
- R-684 1030mm x 103400mm
- R-686 1030mm x 103700mm
- R-688 1030mm x 104000mm
- R-690 1030mm x 104300mm
- R-692 1030mm x 104600mm
- R-694 1030mm x 104900mm
- R-696 1030mm x 105200mm
- R-698 1030mm x 105500mm
- R-700 1030mm x 105800mm
- R-702 1030mm x 106100mm
- R-704 1030mm x 106400mm
- R-706 1030mm x 106700mm
- R-708 1030mm x 107000mm
- R-710 1030mm x 107300mm
- R-712 1030mm x 107600mm
- R-714 1030mm x 107900mm
- R-716 1030mm x 108200mm
- R-718 1030mm x 108500mm
- R-720 1030mm x 108800mm
- R-722 1030mm x 109100mm
- R-724 1030mm x 109400mm
- R-726 1030mm x 109700mm
- R-728 1030mm x 110000mm
- R-730 1030mm x 110300mm
- R-732 1030mm x 110600mm
- R-734 1030mm x 110900mm
- R-736 1030mm x 111200mm
- R-738 1030mm x 111500mm
- R-740 1030mm x 111800mm
- R-742 1030mm x 112100mm
- R-744 1030mm x 112400mm
- R-746 1030mm x 112700mm
- R-748 1030mm x 113000mm
- R-750 1030mm x 113300mm
- R-752 1030mm x 113600mm
- R-754 1030mm x 113900mm
- R-756 1030mm x 114200mm
- R-758 1030mm x 114500mm
- R-760 1030mm x 114800mm
- R-762 1030mm x 115100mm
- R-764 1030mm x 115400mm
- R-766 1030mm x 115700mm
- R-768 1030mm x 116000mm
- R-770 1030mm x 116300mm
- R-772 1030mm x 116600mm
- R-774 1030mm x 116900mm
- R-776 1030mm x 117200mm
- R-778 1030mm x 117500mm
- R-780 1030mm x 117800mm
- R-782 1030mm x 118100mm
- R-784 1030mm x 118400mm
- R-786 1030mm x 118700mm
- R-788 1030mm x 119000mm
- R-790 1030mm x 119300mm
- R-792 1030mm x 119600mm
- R-794 1030mm x 119900mm
- R-796 1030mm x 120200mm
- R-798 1030mm x 120500mm
- R-800 1030mm x 120800mm
- R-802 1030mm x 121100mm
- R-804 1030mm x 121400mm
- R-806 1030mm x 121700mm
- R-808 1030mm x 122000mm
- R-810 1030mm x 122300mm
- R-812 1030mm x 122600mm
- R-814 1030mm x 122900mm
- R-816 1030mm x 123200mm
- R-818 1030mm x 123500mm
- R-820 1030mm x 123800mm
- R-822 1030mm x 124100mm
- R-824 1030mm x 124400mm
- R-826 1030mm x 124700mm
- R-828 1030mm x 125000mm
- R-830 1030mm x 125300mm
- R-832 1030mm x 125600mm
- R-834 1030mm x 125900mm
- R-836 1030mm x 126200mm
- R-838 1030mm x 126500mm
- R-840 1030mm x 126800mm
- R-842 1030mm x 127100mm
- R-844 1030mm x 127400mm
- R-846 1030mm x 127700mm
- R-848 1030mm x 128000mm
- R-850 1030mm x 128300mm
- R-852 1030mm x 128600mm
- R-854 1030mm x 128900mm
- R-856 1030mm x 129200mm
- R-858 1030mm x 129500mm
- R-860 1030mm x 129800mm
- R-862 1030mm x 130100mm
- R-864 1030mm x 130400mm
- R-866 1030mm x 130700mm
- R-868 1030mm x 131000mm
- R-870 1030mm x 131300mm
- R-872 1030mm x 131600mm
- R-874 1030mm x 131900mm
- R-876 1030mm x 132200mm
- R-878 1030mm x 132500mm
- R-880 1030mm x 132800mm
- R-882 1030mm x 133100mm
- R-884 1030mm x 133400mm
- R-886 1030mm x 133700mm
- R-888 1030mm x 134000mm
- R-890 1030mm x 134300mm
- R-892 1030mm x 134600mm
- R-894 1030mm x 134900mm
- R-896 1030mm x 135200mm
- R-898 1030mm x 135500mm
- R-900 1030mm x 135800mm
- R-902 1030mm x 136100mm
- R-904 1030mm x 136400mm
- R-906 1030mm x 136700mm
- R-908 1030mm x 137000mm
- R-910 1030mm x 137300mm
- R-912 1030mm x 137600mm
- R-914 1030mm x 137900mm
- R-916 1030mm x 138200mm
- R-918 1030mm x 138500mm
- R-920 1030mm x 138800mm
- R-922 1030mm x 139100mm
- R-924 1030mm x 139400mm
- R-926 1030mm x 139700mm
- R-928 1030mm x 140000mm
- R-930 1030mm x 140300mm
- R-932 1030mm x 140600mm
- R-934 1030mm x 140900mm
- R-936 1030mm x 141200mm
- R-938 1030mm x 141500mm
- R-940 1030mm x 141800mm
- R-942 1030mm x 142100mm
- R-944 1030mm x 142400mm
- R-946 1030mm x 142700mm
- R-948 1030mm x 143000mm
- R-950 1030mm x 143300mm
- R-952 1030mm x 143600mm
- R-954 1030mm x 143900mm
- R-956 1030mm x 144200mm
- R-958 1030mm x 144500mm
- R-960 1030mm x 144800mm
- R-962 1030mm x 145100mm
- R-964 1030mm x 145400mm
- R-966 1030mm x 145700mm
- R-968 1030mm x 146000mm
- R-970 1030mm x 146300mm
- R-972 10