

**BASS CONSULTING, INC.**  
CONSTRUCTION INDUSTRY SINCE 1956

CONSTRUCTION SERVICES



## CONSTRUCTION SERVICES

- Constructibility Reviews
- Construction Management
- CPM Scheduling
- Construction Inspection
- Claims Avoidance & Resolution
- Partnering, DRB & Arbitration
- Claim Litigation Assistance
- Defective Construction Investigations
- Seminars & In-House Training
- Visual Graphics

## **BASS CONSULTING, INC.**

### **Introduction**

**F**or more than three decades, *Bass Consulting, Inc.*' personnel have been involved in the construction industry. *Bass Consulting, Inc.* have now combined their skills and experience in order to provide their clients a service which embraces professional competence and diversity. As a multidisciplinary firm whose personnel have managed projects from conception through construction, we are well qualified to assist in bringing programs to completion in the most cost effective, timely manner.

**O**ur construction management approach is pro-active. We identify potential problems and respond to them before they can impact the project. To accomplish this, we utilize the most aggressive, result-oriented construction management program possible.

**S**ince 1984, *Bass Consulting, Inc.* personnel have handled construction-related matters for a variety of clients, including industrial, commercial, municipal, owners, attorneys, and insurance companies. We assist our clients in Constructability Reviews, Construction Management, CPM Scheduling, Cost Controls, Construction Inspection, Claims Avoidance and Resolution, Partnering, DRB's and Arbitration, Claim Litigation Assistance, Defective Construction Investigations, Seminars, In-House Training, and Visual Graphics.

**I**n addition to our professional services, we offer our clients a diverse assortment of computerized services that includes data base management, presentation graphics, custom spreadsheets, and project management and scheduling. Some of the software programs we use include Microsoft FoxPro, Access, Excel, Word for Windows, Power Point, Primavera Project Planner For Windows™ P3, Expedition, Sure Track, Microsoft Project, Timberline, Word Perfect, Corel Draw, Micrografx Designer, and Autocad LT. We can customize any of these programs for easy client access and application.

**I**n today's fast-track construction environment, Owners and Contractors require a Construction Management consultant who can provide timely solutions to a multitude of diverse issues. The multidisciplinary team structure we employ ensures that problems will receive proper professional attention. Every effort will be focused on providing services which fully address the specific needs and requirements of the contract.

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## CONSTRUCTIBILITY REVIEWS

**A** constructibility review is a thorough comprehensive analysis of the drawings and specifications typically conducted prior to a project being bid. It identifies errors and inconsistencies which could result in added contract costs during construction or claims, during or after construction. Simply defined, constructibility is the "ease with which a designated project can be built, and the ease with which the contract document can be understood, bid, administered and enforced."

**O**ur staff will review the drawings and specifications, and perform an in-depth analysis of the various elements included in the construction packages associated with the work.

**D**uring the course of this review, a field visit will be made to thoroughly assess the site conditions and to ensure the site conditions are adequately represented on the construction plans. This site visit will include a review of available lay-down areas and access to construction areas for Contractors' heavy equipment which maintains existing traffic flow for Owners, deliveries and operations. Also, considered is the location of existing overhead utilities, adequate representation in the condition of existing facilities either owned by the client or outside agencies, as well as an assessment that the site conditions are generally well represented on the plans. These independent reviews will be conducted by our staff, who have detailed experience in construction as contractors, superintendents, arbitrators, disputes review board panelists, and claims consultants.

**T**hese independent reviews, while most effective in limiting unforeseen construction costs and in providing claims avoidance, also serve well as Quality Assurance initiatives by Owners or Contractors. Maximum benefits may be realized in projects where existing facilities are to be rehabilitated or upgraded and in situations where the design consultant has limited construction background. Our review comments will be communicated to the various design consultants on behalf of the Owner or Contractor, in a manner that encourages a cooperative effort in reconciling plan differences consistent with the client's goals to control construction time, cost, and quality.

## CONSTRUCTION MANAGEMENT

**C**onstruction management is the key to successful project implementation. This requires a commitment to performance, schedule and budget. The process of transforming an engineering project from concept to reality requires close monitoring of operations, coordination of working trades, control of costs and clear documentation of progress as the work proceeds. *Bass Consulting, Inc.* construction management personnel are equipped to provide these services.

**O**ur services for each construction management assignment are tailored to the specific needs of an Owner's organization with a focus on enhancing control of construction time, cost and quality. Our professional staff will provide detailed inspection, management and other consulting services for the project. Our goal is to ensure the work will be accomplished in conformance with acceptable construction industry standards, in compliance with the requirements of the contract documents and the needs of the Owner or Contractor and in a manner which avoids claims.

**P**roject control and scheduling are routinely conducted as an integral part of our construction management services. Professional evaluations of network schedules, computer generated on a regular basis, provide "hands-on" control of all aspects of the project. Our construction manager works closely with the client from the outset of the project to establish construction budgets, set realistic timetables and aid in making critical decisions governing cost and quality. All of which reduces and many times eliminates claims.

**I**n managing a construction project, *Bass Consulting, Inc.* establishes a positive system of communication and coordination between the Contractor, Owner, Designer, Utility Companies, and Public and Private Agencies. Clear lines of communication are set up, with single points of contact at each agency for direct and clear exchange of information. Written and oral communication are utilized as appropriate. Documentation is maintained for an accurate record of events.

**T**he *Bass Consulting, Inc.* CM team recognizes the need to effectively manage projects to a successful completion. Our staff is fully prepared to provide services which will allow your organization to enjoy improved control over capital programs.

## CPM SCHEDULING

*Bass Consulting, Inc.* offers another area of expertise, that of Planning and Construction Project Scheduling. We find these services essential when evaluating a project which involves a need for comprehensive project organization. Simply put, planning determines what has to be accomplished and scheduling determines when those tasks can be accomplished within certain given resource constraints. Scheduling contributes to good project control, which is based in part on the analysis of planned versus actual accomplishment.

*Bass Consulting, Inc.* personnel have provided planning and scheduling assistance to governmental, institutional, corporate and private clients, both from the Owner's perspective and that of the Contractor. These projects include the civil, mechanical and electrical aspects of nuclear power and hydro power plants, oil and gas production facilities and pipelines, medical facilities, commercial buildings, transit systems, highway and airport development, mining process plants, pulp and paper facilities, shipbuilding and airplane manufacturing facilities. Services included in planning and scheduling involve feasibility studies through directing field operations.

*Bass Consulting, Inc.* utilizes the latest project management and control systems to efficiently evaluate project data on both large and small projects in a cost effective manner. Primavera Project Planner for Windows™ P3 and Microsoft Project CPM scheduling software form the nucleus of our project control systems. These programs are supplemented with the effective use of both database and spreadsheet applications, as well as graphic and charting software to assist in clear and concise communication. Finally, one of the most effective forms of project management we use is timely communication with the parties involved in conjunction with frequent site reviews. Providing timely and accurate notice of a changed condition, as well as the extent of the damages, minimizes any negative aspects, while keeping the project moving forward within budget limits.

*Bass Consulting, Inc.* staff are well versed in all aspects of project scheduling, cost controls, resource loading, claims avoidance scheduling, and disputes resolution schedule analysis. We have a great deal of experience in scheduling and performing detailed impact analysis concerning cost and resource loading involving schedules in excess of 10,000 activities with volumes in excess of \$900,000,000.

## CONSTRUCTION INSPECTION

**O**ur professional staff is fully acquainted with the inspection procedures required to provide the high quality that construction Owners and Contractors demand. The close monitoring of a construction project is vital. Our inspection staff, working as your construction management team and reporting to your management personnel, will document the progress of work, verify plan compliance, as well as provide as-built plans at project completion.

**O**ur staff of Contractors and Project Managers will ensure that the most experienced level of support will be provided in the specialized areas of construction. Their experience in the disciplines of civil, mechanical, electrical, structural and architectural inspection assure that all facets of the construction process are monitored by a competent and well-rounded team of inspectors.

**D**uties the inspection team may perform are:

- Daily Inspection Reports
- Verify Materials
- Maintain Manpower Records by Trade
- Record Equipment Usage
- Document Field Conditions and Changes
- Provide Quality Assurance of Work in Progress
- Prepare Estimates for Owner's Payment to Contractor
- Review and Amend CPM Schedule to Conform to Updated Events

**O**ur inspection staff is prepared to provide services under a construction management assignment where we comprise the full representation on the site on behalf of Owners and Contractors or in a manner that supplements the client's management staff. These services are available on a full-time basis for larger projects or in the formal periodic monitoring of various construction activities or facilities, as the client's needs dictate.

## CLAIMS AVOIDANCE AND RESOLUTION

As a leader in its field *Bass Consulting, Inc.*' personnel provide professional assistance to Owners, Contractors and agencies focused on claims avoidance and resolution.

Our claims avoidance strategies have included the implementation of a number of specific management tasks, all of which have as a goal the minimization of the risk associated with the project, thereby reducing the potential for claims. These reviews also reduce the potential for delays during construction which can lead to costly claims. We are able to assist in developing detailed specifications which clearly state Contractor requirements to develop a construction schedule and timely notification system which will allow the Owner to rapidly mitigate problems which arise.

Claims resolution techniques successfully utilized by our staff are focused on developing a clear understanding of the construction program at hand, whether it be during an active project or to resolve claims asserted upon completion of the program. Our staff will provide the Owner or Contractor with a fair analysis of the Contractor's as-planned schedule versus the actual schedule of work which occurred. Consistent with industry practices, we review job documentation and provide sound advice to Owners or Contractors on any potential liability they may have associated with the problem or dispute under review. Our personnel have been highly successful in reaching equitable and amicable settlements.

Our ability to limit risk to Owners and Contractors in resolving design and construction disputes has been demonstrated on many projects. This has been achieved through the application of alternative dispute resolution techniques, involving a fair analysis of all job records, issues and documentation. *Bass'* personnel using their Arbitration & Mediation experience have proved to be a material benefit to Owners and Contractors in avoiding claim avoidance.

## PARTNERING, DISPUTES REVIEW BOARDS & ARBITRATION

*Bass Consulting, Inc.* is committed to the promotion of Partnering. Partnering is not a method of dispute resolution, but a method of dispute avoidance. Partnering agreements are not legally binding, the value of partnering depends entirely on the will of the partners to make it work. Partnering encourages by agreement escalation of a dispute to the next level of management, and all the way to the top if necessary. It is agreed in advance by the parties involved that inaction is not an option and a decision must be made. It is the opinion of *Bass Consulting, Inc.* that Partnering has a much greater opportunity for success if it is supported by a Disputes Review Board (DRB). The DRB is brought into play when the normal Owner/Contractor disputes resolution or partnering agreement is unsuccessful, and prior to a formal adoption of a position or filing of litigation by either party. William Bass is actively involved in the disputes review process participating in over 34 DRBs. The combined contract value of these projects totals in excess of \$540 million.

**D**isputes Review Boards have proven to be very effective in eliminating formal claim litigation. In *Bass'* experience there have not been any formal claims litigation on projects involving DRB's where *Bass* personnel have been participants. The panels are, in most cases, advisory only. However, for some public agencies, DRB's are binding. Projects that have involved advisory DRB's have not only eliminated formal claims, but have caused the Owner and Contractor to formally and informally partner to avoid calling on the Board for a decision. *Bass Consulting, Inc.* also has found DRB's are the stronghold that keep Partnering alive by their availability for a hearing, which is generally a less desirable solution to the parties involved than the more informal process of Partnering, as it has been *Bass Consulting, Inc.* experience that the Owner and Contractor would prefer to work their problems out in the field, rather than call up the DRB.

*Bass Consulting, Inc.* personnel have been very active in the American Arbitration Association as members of the Arbitration Advisory Council for the State of Washington, and as individual panelists since 1981. Our personnel have acted as individual arbitrators and chairman on these individual panels for the American Association of Arbitration with over one thousand (1,700) hearing hours accumulated in cases related to heavy and light construction projects, where disputed amounts ranged from \$100,000 to \$8 million per hearing.

## CLAIM LITIGATION ASSISTANCE

In today's litigious society, there has been a significant increase in the number of claims filed involving Owners, Contractors and others in responsible charge of roadways, bridges, airports, bus terminals, buildings and plants, parking areas, etc. alleging negligence or some other failure to protect the public or the user from unnecessary risks. Very often the plaintiff files a claim, and makes representations which appears supported by a detailed engineering report prepared by a consultant which allegedly demonstrates the defendant was deficient.

Our personnel have been instrumental in working with various clients, in performing reviews of and preparation of claims and claim defenses on projects that are being litigated. To accomplish this we draw upon our depth of professional experience as Contractors, Project Managers and Arbitrators and focus on the specific allegations presented. Our professionals assess the representations made in the claim and after thorough review furnish an independent opinion. These assessments provide an understanding of the client's risks, potential liabilities and include detailed discussions on what defense posture may be appropriate.

Our firm has a wide network of sub consultants that specialize in particular fields and which we sometimes utilize in the preparation of certain specialty reports. We consolidate project information into a detailed report format stating the claim or defense positions along with complete cost calculations. We participate in settlement negotiations and provide expert testimony, both in deposition and at trial. In our 19-year history, our involvement in project disputes has been very conducive to achieving resolution, such that we have had only one case go to trial and that case is still under appeal. Our claim analysis assignments have ranged from \$10,000 to \$50 million.

The multidisciplinary nature of *Bass Consulting, Inc.* enables us to draw upon the professional skills of Contractors and Project Managers with experience in civil, structural, and electro-mechanical systems on a wide variety of projects. In addition, *Bass Consulting, Inc.* is staffed with professionals who have performed as Arbitrators for the American Arbitration Association in cases involving in excess of sixteen hundred (1,700) hours.

## **DEFECTIVE CONSTRUCTION INVESTIGATIONS**

*Bass Consulting, Inc.* personnel provide defective construction investigations services for Owners, developers, builders, property managers, and insurers. Our areas of expertise include, but are not limited to, on-site forensic investigation and research, analysis and quantification of defects, and omissions, remedial work estimates, and claim evaluation.

## **SEMINARS AND IN-HOUSE TRAINING**

At *Bass Consulting, Inc.*, we pride ourselves on our ability to furnish in-house training, special seminars and workshops on a wide variety of topics. These efforts are tailored to the needs of those associated with the construction industry to develop an on-going awareness and confidence with the various advances in our field. Training efforts in the form of workshops and seminars are available through *Bass Consulting, Inc.* on the following topics:

- Critical Path Method
- Documentation Control
- Claims Avoidance and Resolution
- Inspection Techniques
- Claim Review Procedures

These seminars and workshops, conducted at a client's location by senior members of our organization in areas of their professional expertise, are easy to follow and well organized. They are directed at enhancing the client's internal capabilities to control construction programs and/or activities.

## VISUAL GRAPHICS

The effective expression of ideas, as it pertains to the construction management disciplines, is of extreme importance.

Network diagrams derived from the Critical Path method of scheduling can be difficult to comprehend. To communicate these often complex logic representations, effective visual aids are essential. *Bass Consulting, Inc.* has invested a great deal in computer hardware and software, and employee training to provide our clients with what has been recognized as the finest Animated Computer Graphic Scheduling Techniques in the business and more importantly, in our opinion, the most intelligible to an uninformed audience.

In addition to Animated Schedule Graphics, our staff is capable of producing presentation quality charts, diagrams and other data. This service is focused on adequately and effectively satisfying any presentation needs, whether it be in a courtroom, before a board of directors, community group or employees.

## **SELECTED PROJECTS**

Owner defense of a \$50 M claim in Alaska from a prime contractor on a 400,000 s.f., \$100 M hospital regarding delays and disruptions resulting from asserted design and drawing coordination issues. Resolved in favor of the Owner for \$15 M for direct costs of contract changes (see enclosed unsolicited reference letters).

Construction management services for a Washington State Utility, Service and Operations Center, involving the rehab of an existing building and successful rejection of all claims from the Contractor for delays and disruptions. Also, secured liquidated damages for a late finish.

Contractor claim in Washington on a wastewater treatment plant for delays and disruptions resulting from design changes. Contractor prevailed.

Owner defense of a \$9 M claim in Oregon on a \$21 M tunneling project from the prime contractor regarding delays due to asserted changed conditions in which the Owner prevailed.

Owner defense of a claim in Washington from a prime contractor performing a GMP contract in which the General Contractor submitted a claim to increase the contingency amount. The Owner prevailed with no increase in GMP.

Subcontractor claim for extra costs in Eastern Washington for a highway project in which delays and disruptions occurred due to inadequate plans and specifications and poor General Contractor coordination. Subcontractor was paid extra costs and damages.

Specification editing and revisions provided for a Washington State Public Utility with special emphasis on dispute resolution and claim procedures, on a major sewer project.

Subcontractor claim for extra costs and delays of nine months on a originally planned three month project, in Kemmerer Wyoming on a major hospital project. Subcontractor prevailed and was paid costs and extended overhead.

Owner defense of a claim from a General Contractor on five Oregon State Prisons in which the Contractor had been overpaid on CM/GC Contract. Owner prevailed and recovered overpayments in excess of \$650,000.

Contractor claim in Oregon for delays and impacts during construction of a federally funded bridge and highway re-hab in which the final negotiations have not been completed.

Subcontractor claim for extra cost due to changed site conditions and resulting delay on a major high school project in the State of Washington. Subcontractor was paid for extended overhead and equipment standby.

Owner defense of a claim in Oregon from a Prime Contractor requesting reimbursement of asserted impact costs incurred due to change order work. Owner prevailed and paid direct costs only.

Contractor claim for extra direct and indirect costs incurred due to design changes and interference from Owner on a major high school project in the State of Washington. Contractor was paid for extended overhead and requested impact costs.

Subcontractor claim for access impacts due to changed conditions and lack of coordination on a Washington State Commercial Project. Subcontractor prevailed and was paid impact costs.

Contractor claim in the State of Oregon for an Oregon National Guard Base involving changed conditions and direct costs and impacts. Contractor prevailed and was paid direct costs and impacts.

Contractor claim in California on a Public Library involving 800 days of delay for disruptions caused by design errors and omissions. Contractor prevailed and was paid impact costs for his delay.

**PRINCIPALS' RESUMES**

**REGISTRATIONS & CERTIFICATIONS**

Panelist - American Arbitration Association  
Licensed General Contractor - Washington (1968 - 1986)

**EDUCATION**

B.A., Business Administration/Economics, Seattle Pacific University, 1966

**EXPERIENCE**

From 1993 - Present: Bass Consulting, Inc., President/General Manager. Provide claims consulting and dispute resolution services to virtually the entire spectrum of the construction industry. Prepare claims on behalf of general contractors, subcontractors and sureties. Defend claims on behalf of sureties, public owners, private owners, architects and engineers, general contractors and subcontractors. Provide complete construction management services.

Perform site inspection, review project documents, perform schedule analysis, review costs, including direct costs, impact costs, change order costs and overhead costs. Consolidate information into a detailed report stating the claim or defense position along with complete cost calculations. Participate in settlement negotiations. Provide expert testimony at deposition and at trial. Past projects have included: Schools, hospitals, prisons, public buildings, office buildings, power plants, light industrial facilities, water and wastewater treatment plants, and material handling facilities. Highway projects include: Construction of new highways, realignments, resurfacing, bridge structures, bank stabilization, seismic retrofit, traffic control systems, blasting, rock crushing and hauling. Other projects include: earthmoving, concrete structures, precast, steel structures, highway electrical, building electrical, transmission line, control systems, mechanical, HVAC, fire alarm, fire suppression and other building specialties.

Have been actively involved in dispute resolution since 1981 by serving as a Claims Consultant, Expert Witness, Arbitrator, Mediator and member of forty-six Dispute Review Boards (DRB). The combined contract value of these projects totals in excess of \$920 million.

Have acted as a Mediator, individual Arbitrator and Chairman of three-person panels for the American Arbitration Association, with over 1,750 hearing hours on cases related to heavy and light construction projects where the disputed amount ranged from \$100,000 to \$8 million and as a claims consultant on projects where the disputed amounts were in excess of \$50 million.

From 1986 - 1992: Independent Consultant. Provided construction management expertise to a range of construction and development companies and effectively managed multiple projects simultaneously. Developed cost estimates, prepared and submitted bids, negotiated with subcontractors, created and implemented construction schedules, and supervised construction through completion. Also developed and implemented accurate project costing systems, highly respected by bonding and lending institutions, which consistently reduced overhead costs while enabling specific information to be easily recalled for future bidding purposes.

From 1960 - 1986: Bass Construction Company, Owner/General Manager. Owned and managed a general contracting firm after serving as mechanic's helper, laborer, equipment operator, foreman and general superintendent. Specializing in public works contracts including all phases of heavy construction such as roads and streets, highways, freeway interchanges, and airports. Projects included clearing, grading, paving, and installation of underground utilities such as watermain, sanitary sewer, and stormwater systems. The company was also extensively involved in the construction of private developments.

**PROFESSIONAL AFFILIATIONS**

Associated General Contractors of America  
American Arbitration Association

**SR 504, GEOTECH RIDGE TO ELK ROCK VICINITY** **CONTRACT #3533**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: WEST CONSTRUCTION, INC.**

This contract provides for the improvement of 5.633 miles of SR 504 in Cowlitz County. MP 30.34 to MP 35.97 Geotech Ridge to Elk Rock Vicinity, by clearing and grubbing, grading, draining, constructing a steel plate girder bridge at Bear Creek, constructing a truck escape ramp, performing erosion control, seeding, fertilizing and mulching; and from Hoffstadt Creek to Elk Rock Vicinity by surfacing, placing bituminous surface treatment signing, and placing guardrail and other work, all in accordance with the attached Plans, these Special Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$8,314,000.00**

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**SR 504 HOFFSTADT BLUFF TO HOFFSTADT CREEK** **CONTRACT #3672**  
**ER-80-5 (129) & ER-80-5 (131)**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MAX J. KUNEY COMPANY**

This contract provides for the improvement of 3.533 miles of SR504, MP 26.30 to MP 29.82 in Cowlitz County, Hoffstadt Bluffs to Hoffstadt Creek by clearing and grubbing, grading, draining, surfacing, stockpiling crushed screenings, placing bituminous surface treatment, wire mesh slope protection, constructing a gabion wall, soil nailing, performing erosion control, controlled blasting, construction a steel plate girder bridge at Hoffstadt Bluffs and a steel plate girder bridge at Cow Creek, seeding, fertilizing, mulching, installing guardrail, and other work, all in accordance with the attached Plans, these Special Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$12,317,000.00**

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**SR 504 CS 0832 ELK ROCK VICINITY TO MARATTA CREEK** **CONTRACT # 3731**  
**VICINITY ER-80-5 (139) AND ER-80-5 (141)**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: KIEWIT PACIFIC COMPANY**

This contract provides for the improvement of 6.367 miles of SR 504, MP 35.93 to MP 42.30 in Cowlitz County, Elk Rock Vicinity to Maratta Creek Vicinity by clearing and grubbing, grading, draining, surfacing, paving with asphalt concrete, constructing 2 fill walls, performing erosion control, controlled blasting, constructing ridges at Elk Creek, East Fork Elk Creek, and Maratta Creek, seeding, fertilizing and mulching, placing riprap and quarry spalls, constructing gabion cribbing, rock protection fence, dust abatement, installing guardrail and other work, all in accordance with the attached Plans, these Special Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$27,930,000.00**

**SR 504 CS 0832 MARATTA CREEK TO COLDWATER LAKE  
ER-80-5 (143)****CONTRACT #3986****OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
CONTRACTOR: KIEWIT PACIFIC COMPANY**

This contract provides for the improvement of 3.201 miles of SR 504, MP 42.26 to MP 45.46 in Cowlitz County, Maratta Creek to Coldwater Lake, by clearing and grubbing, grading, draining, constructing a prestressed concrete girder structure, constructing cement concrete bridge approaches, paving with asphalt concrete Class A, erosion control and planting, constructing weathering steel beam guardrail Type 1 and Type 1 with 8-foot long post, constructing flexible guide post, recessed raised pavement markers Type 2, permanent signing, surveying, provide a field office building and other work, all in accordance with the attached Contract Plans, these Contract Provisions and the Standard Specifications.

**CONTRACT AMOUNT: \$6,827,000.00****TACOMA LANDFILL STAGE II****CONTRACT #AU6810****OWNER: CITY OF TACOMA  
CONTRACTOR: KIEWIT PACIFIC COMPANY**

The work to be performed under these contract documents consists of constructing a cap over the Stage 2 area of the Tacoma Landfill. The work shall include earthwork and the installation of two layers of high-density polyethylene cap, modifications to the landfill gas collection system, installation of a condensate collection system, and access road construction.

**CONTRACT AMOUNT: \$15,562,000.00****SR 405 MP 10.40 TO MP 13.82 COAL CREEK I/C  
TO NE 8<sup>TH</sup> STREET I/C HOV LANES F.A. NO. I-IR-405-3 786****CONTRACT #4076****OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
CONTRACTOR: LEDCOR INDUSTRIES**

This contract provides for the improvement of SR 405 in King County, MP 10.40 to MP 13.82 by constructing northbound and southbound HOV lanes. Work includes, but is not limited to widening five bridges, gabion and tieback walls, clearing and grubbing, grading, drainage, surfacing, paving with asphalt concrete pavement and cement concrete pavement, illumination, signing, signals, channelization, barrier and other rework, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$12,450,000.00**

**SR 169, 196<sup>TH</sup> AVE. S.E. / JONES ROAD TO MAPLEWOOD** **CONTRACT #4298**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: KIEWIT PACIFIC COMPANY**

This contract provides for the improvement of 4 miles of SR 169, in King County and City of Renton MP 19.22 to MP 23.88, 196<sup>TH</sup> Ave. S.E./Jones Rd. to Maplewood by clearing and grubbing, grading, drainage, relocating leachate line, storm sewer, water line, concrete box culverts, concrete fishway, surfacing, paving, erosion control and planting, wetland mitigation, prestressed girder, bridge construction, constructing structural earth retaining wall, gabion and rock walls, noise wall, concrete barrier, installing pavement marking, permanent signing, illumination, traffic signal systems and other work, all in accordance with the attached Contract Plans, these Contract Provisions and the Standard Specifications.

**CONTRACT AMOUNT: \$11,890,000.00**

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**SR 5, N.E. 195<sup>TH</sup> TO 164<sup>TH</sup> S.W., STAGE 2** **CONTRACT #4326**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MAX J. KUNEY COMPANY**

This contract provides for the improvement of 6.982 miles of SR 5, in King and Snohomish Counties MP 176.96 to MP 183.94, N.E. 195th to 164th S.W. Stage 2, except the southbound lanes between MP 178.25 and MP 180.71, by clearing and grubbing, grading, draining, surfacing, paving with cement concrete pavement and asphalt concrete pavement classes A, B, and G and with reinforced concrete pavement at approaches to five bridges, constructing three reinforced concrete bridges, widening eight reinforced concrete bridges, overlaying nine bridges with modified concrete, constructing fifteen retaining walls with alternates for reinforced concrete, metal cribbing, soil nail, mechanically stabilized earth and others, constructing eight noise walls, constructing two detour roadway ramps, erosion control, installing beam guardrail traffic barrier, pre-cast concrete barrier, channelization, pavement markings, illumination systems, permanent signing, modifying a traffic signal, traffic control system and other work, all in accordance with the attached Contract Plans, these Contract Provisions and the Standard Specifications.

**CONTRACT AMOUNT: \$29,873,000.00**

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**SR 18 - AUBURN/BLACK DIAMOND ROAD TO SE 312TH** **CONTRACT #4354**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: ROBISON CONSTRUCTION, INC.**

This contract provides for the improvement of \*\*\* 2.064 miles of SR 18 in King County, MP 5.85 to MP 7.92 Auburn-Black Diamond Road to SE 312th Way, by widening the existing two-lane roadway to a four-lane divided highway. Work includes clearing and grubbing, roadway excavation and embankment, grading, paving with asphalt concrete pavement, drainage, storm sewer detention basins, erosion control, steel plate girder bridge, prestressed girder bridge, retaining wall, modified concrete, expansion joint retrofit, overlay, cast-in-place barrier, fencing, guardrail, precast concrete barrier, channelization, signing, illumination, \*\*\* and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$12,087,000.00**

**SR 520, W. LAKE SAMMAMISH PARKWAY TO SR 202** **CONTRACT #4444**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MOWAT CONSTRUCTION COMPANY**

This contract provides for the improvement of \*\*\* 1,238 miles of SR 520 in King County, MP 11.52 to MP 12.80, W. Lake Sammamish Parkway to SR 202, by clearing and grubbing, roadway excavation and embankment, grading, paving with asphalt concrete, drainage, water quality ponds, erosion control, wetland mitigation, construction of the Sammamish River Overcrossing, the NE 76th St. Overcrossing, and the SR 202 Overcrossing, structural earth walls, cast-in-place barrier, fencing, guardrail, precast concrete barrier, channelization, signing, illumination, \*\*\* and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$15,685,000.00**

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**FIRST AVE. SO. BRIDGE/SR 99 CROSSING THE DUWAMISH RIVER -** **CONTRACT #1-B**  
**SO. INTERCHANGE AND 2ND AVE. S.W. IMPROVEMENTS**  
**OWNER: CITY OF SEATTLE ENGINEERING DEPT.**  
**CONTRACTOR: ROBISON CONSTRUCTION, INC.**

This project includes the following major items of work: clearing & grubbing, grading, draining, installing 36" city water main and 36" reservoir overflow line, surfacing, paving with asphalt concrete pavement classes A & E, installing traffic signal systems, illumination, signing, striping, demolition of existing timber and concrete structures, and such other related and incidental work as may be necessary in conjunction therewith.

**CONTRACT AMOUNT: \$ 7,800,000.00**

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**SR 509 MP 0.77 TO MP 0.96. DOCK STREET TO EAST "D" STREET** **CONTRACT #4507**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MAX J. KUNEY COMPANY**

This contract provides for the improvement of \*\*\* 0.193 mile of SR 509 in Pierce County, MP 0.77 to MP 0.96, Dock Street to East "D" Street, by clearing and grubbing, hazardous material testing and handling, draining, constructing a post tensioned box girder bridge (Foss Waterway approach), and a cabled stayed bridge (Foss Waterway), cast-in-place concrete barrier, cement concrete bridge approach slab, signing, permanent illumination and signal systems, pavement marking, erosion control, \*\*\* and other work, all in accordance with the attached Contract Plans, these contract provision, and the standard specifications.

**CONTRACT AMOUNT: \$ 16,466,000.00**

**SR 509 MP 1.50 TO 1.78 RR YARD TO PORTLAND AVENUE** **CONTRACT #4520**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MAX J. KUNEY COMPANY**

This contract provides for the improvement of \*\*\* 0.282 mile of SR 509 in Pierce County, MP 1.50 to 1.78 RR Yard to Portland Avenue, by grading, draining, surfacing, paving with modified asphalt concrete Class E, constructing a 1,490 foot long prestressed concrete girder bridge(Puyallup River Bridge West Approach), a 1,155 foot long prestressed concrete girder bridge (RA2 Ramp), a 1,005 foot long prestressed concrete girder bridge (RA1 Ramp), modifying 505 feet of existing bridge (Portland Avenue Viaduct), erosion control, illumination revisions, surveying, furnishing a field office building, pavement marking, \*\*\* and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$ 12,052,000.00**

**SR 5, TUKWILA TO LUCILE ST. - HOV AND SC & DI - STAGE 2** **CONTRACT #4543**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MOWAT CONSTRUCTION COMPANY**

This contract provides for the improvement of \*\*\* SR 5 in King County, MP 155.98 to 158.32, Tukwila to Lucile St. HOV and SC&DI - Stage 2, by clearing and grubbing, grading, draining, constructing storm sewers, widening 4 bridges, constructing 1 new bridge, constructing reinforced concrete retaining walls and a noise wall, surfacing, constructing cement concrete pavement, paving with asphalt concrete Class B, roadside seeding and planting, installing beam guardrail, precast and cast-in-place concrete barrier, pavement marking, sign bridges, cantilever sign structures, permanent signing, variable message signing, illumination, surveillance control and driver information system, \*\*\* and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$ 20,753,600.00**

**SR 14, SR 5 TO BLANFORD DRIVE** **CONTRACT #4662**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: KIEWIT PACIFIC COMPANY**

This contract provides for the improvement of \*\*\* 2.093 miles of SR 14, MP .029 to MP 2.38, in Clark county, SR 5 to Blanford Drive, by clearing and grubbing, grading, draining, constructing storm sewers, installing water lines, constructing a post tensioned concrete box girder bridge, surfacing, planing bituminous pavement preleveling and paving with asphalt concrete, installing irrigation, erosion control, landscaping, installing beam guardrail, precast and cast-in-place concrete barrier, pavement markings, permanent signing, illumination, traffic sign systems, fencing, \*\*\* and other work.

**CONTRACT AMOUNT: \$ 8,500,000.00**

**SR 509, PACIFIC AVENUE TO DOCK STREET**

**CONTRACT #4747**

**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MAX J. KUNEY COMPANY**

This contract provides for the improvement of \*\*\* 0.157 mile of SR 509 in Pierce County, Pacific Avenue to Dock Street. MP .061 to MP .77, by removing building, concrete retaining walls, and bridge footings, hazardous material handling, testing and disposing, grading, draining, constructing a retention pond, surfacing, planning bituminous pavement, paving with asphalt concrete pavement Class E modified, Portland cement concrete paving, construction three post tensioned box girder bridges, (705/SR 509 Undercrossing, S-EW Ramp, and EW-N Ramp) reinforced concrete retaining walls, cement concrete bridge approach slab, cement concrete curb and gutter, cement concrete sidewalk, removing and replacing precast concrete barrier, installing cast-in-place concrete barrier, tubular steel fencing, lane markers, pavement marking, sign structures, signing interim signing, temporary and permanent illumination, permanent signal systems, placing top soil, erosion control, \*\*\* and other work.

**CONTRACT AMOUNT: \$ 11,900,000.00**

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**SR 509, PORTLAND AVE. TO MILWAUKEE WAY**

**CONTRACT #4409**

**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: SCI ENGINEERS & CONSTRUCTION**

This contract provides for the improvement of \*\*\* 0.422 mile of SR 509 (future) in Pierce County, MP 1.78 to MP 2.37, Portland Avenue Vicinity to Milwaukee Way - Structures, by grading, drainage, surfacing, paving, constructing a pre-stressed concrete girder bridge at Milwaukee Way and a concrete segmental or steel girder bridge over the Puyallup River, erosion control, utility adjustments.

**CONTRACT AMOUNT: \$ 20,850,000.00**

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**SR 167, 15TH NW TO 84TH AVE. SO. HOV AND SC & DI - STAGE 2**

**CONTRACT #4771**

**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MAX J. KUNEY COMPANY**

This contract provides for the improvement of \*\*\* 5.62 miles of SR 167 in King County, MP 15.77 to MP 21.39 consisting of clearing and grubbing, excavating, grading, drainage, surfacing, placing asphalt treated base, preleveling with asphalt concrete Class G, paving with asphalt concrete Class A, widening existing bridges, constructing noise walls and concrete median barrier, installing communications systems, pavement markings, guide posts, beam guardrail, extruded curb, constructing a wetland mitigation site, water quality features.

**CONTRACT AMOUNT: \$ 23,600,000.00**

**BALLARD HIGH SCHOOL****CONTRACT #BEX5011-97****OWNER: SEATTLE SCHOOL DISTRICT NO. 1.  
CONTRACTOR: KIEWIT CONSTRUCTION COMPANY**

This Contract provides for demolition of the existing structure, and the development of a 240,000 square foot High School. The School will consist of one main structure and two ancillary structures: High School Building, Fields Storage Building and Control Plant Building. The Project includes site development, excavation, grading, athletic field construction, site furnishings, asphalt/concrete driveways, parking and sidewalks and landscaping, cast-in-place concrete, structural steel fabrication and assemble, masonry veneer, metal stud partitions, roofing, insulation, finishes, electrical and mechanical.

**CONTRACT AMOUNT: \$35,000,000.00**

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**SR 105, NORTH COVE VICINITY EMERGENCY STABILIZATION – STAGE 2    CONTRACT #5363  
A SOUTHWEST REGION PROJECT****OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
CONTRACTOR: KIEWIT PACIFIC COMPANY**

This contract provides for the improvement of \*\*\* SR 105, Vicinity MP 20.35 in Pacific County, North Cove Vicinity Emergency Stabilization – Stage 2, by groin construction, dredging, and placement of beach nourishment fill, \*\*\* and other work.

**CONTRACT AMOUNT: \$8,302,870.00**

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**GRAND TETON 2330 RESERVOIR,  
RATE OF FLOW CONTROL STATION, PUMPING STATION  
AND LATERAL TO LAMB CNLV OUTLET PIPELINE****CONTRACT #SNWA 130-F****OWNER: SOUTHERN NEVADA WATER AUTHORITY  
CONTRACTOR: MORRISON KNUDSEN CORPORATION**

This Grand Teton 2330 Reservoir comprises clearing and grubbing sitework, mass excavation and structure backfill, construction of an underground reinforced concrete 10 MG, 2 bay reservoir with 48” inlet and 42” outlet cement mortar lined and coated steel piping, 48” overflow and structure, control valves, site grading and paving, site restoration, perimeter fencing, disinfection/electrical building and associated mechanical, electrical, instrumentation and control.

The Grand Teton Rate of Flow Control Station consists of clearing and grubbing sitework, mass excavation and structure backfill, construction of an underground, reinforced concrete structure, venturi meters, sleeve and butterfly valves, large diameter cement mortar lined steel piping, overhead crane, water sampling facilities, site grading, and associated mechanical, electrical, instrumentation and control.

East Valley Lateral, Line "S" and Line "S1" (Lamb Pumping Station to Grand Teton 2330 Reservoir) consists of approximately 5,318 lineal feet of 78-inch and 346 lineal feet of 42-inch cement mortar lined and coated steel water pipeline, including manway access vaults, control valve, cathodic protection test stations, fiber optic conduit and pull boxes, parallel electrical duct bank, pressure testing and appurtenant work required by the Contract.

The City of North Las Vegas Outlet Pipeline, Line "C", consists of approximately 5,340 lineal feet of 36-inch/42-inch cement mortar lined and coated steel water pipeline, including manway access vaults, cathodic protection test stations, fiber optic conduit and pull boxes, pressure testing and appurtenant work required by the Contract.

**CONTRACT AMOUNT: \$11,500,000.00**

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**AFRICAN AMERICAN ACADEMY****CONTRACT #BEX-5022-99**

**OWNER: SEATTLE SCHOOL DISTRICT NO. 1**  
**CONTRACTOR: SOLTEK PACIFIC**

This contract provides for the demolition of existing structures and construction of a new 101,000 square foot African American Academy Elementary and Middle School (kindergarten through 8<sup>th</sup> grade), in Seattle, Washington. This project includes all civil, landscape, architectural, structural, food services, mechanical and electrical work required to construct the new facility. Included are off-site improvements to South Rose Street and 34<sup>th</sup> Avenue South, Thistle Street, construction of sidewalks, curbs and gutters, firewater loop, and street drainage system, with sidewalk and curb cuts and miscellaneous sidewalk improvements at Beacon Avenue.

**CONTRACT AMOUNT: \$ 16,800,000.00**

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**SR 525, SR 99 INTERCHANGE****CONTRACT #5688**

**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MAX J. KUNEY COMPANY**

This contract provides for the improvement of \*\*\* SR 525, MP 2.22 to 3.41 in Snohomish County, SR 99 Interchange, by constructing a new interchange at SR 99 grinding and paving asphalt concrete pavement, building embankments, installing drainage facilities and detention ponds, installing temporary and permanent signal systems and illumination, installing SC&DI equipment, prestressed concrete bridge, 3 cantilever sign structures, bridge mounted sign bracket, noise walls, installing guardrail, concrete barrier and impact attenuators, installing permanent signing, constructing sidewalks, striping, traffic control, \*\*\* and other work, all in accordance with the attached Contract Plans, these Contract Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$ 20,000,000.00**

**EMERSON ELEMENTARY SCHOOL**

**CONTRACT #BEX-1288-2000**

**OWNER: SEATTLE SCHOOL DISTRICT NO. 1**  
**CONTRACTOR: VK POWELL CONSTRUCTION**

This contract provides for the demolition of an existing “1930building” and existing site improvements and construction of a new 73,578 square foot Emerson Elementary School (kindergarten through 8<sup>th</sup> grade), in Seattle, Washington. This project includes all civil, landscape, architectural, structural, food services, mechanical and electrical work required to construct the new facility. Included are off-site and on-site improvements and utility connections, clearing, grubbing, grading, temporary storm water drainage/control, along with off-site utility and sidewalk/road work.

**CONTRACT AMOUNT: \$ 10,906,000.00**

**I 90 SUNSET I/C MODIFICATIONS STAGE 2**

**CONTRACT #6010**

**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: KIEWIT CONSTRUCTION COMPANY**

This contract provides for the improvement of SR 90, in King County, Vicinity MP 18.07, I-90 Sunset I/C Modifications Stage 2, by grading, draining, storm sewer, water line, paving, construction of soldier pile retaining walls structural earth retaining walls, bridges, cement concrete pavement, paving with asphalt concrete, erosion control and planting, pavement marking, permanent signing, illumination, traffic signals, ITS, traffic control, and other work.

**CONTRACT AMOUNT: \$ 40,000,000.00**

**EVERETT STATION PROJECT**

**CONTRACT #**

**(None)**

**OWNER: CITY OF EVERETT**  
**CONTRACTOR: WILDER CONSTRUCTION COMPANY**

This contract provides for the building of a multimodal transportation center (transit project) to meet a variety of transit and transportation needs. This project will consist of a transportation hub serving private automobiles, taxis, buses, intercity rail, commuter rail, bicycles, pedestrians, and possibly light rail, serving local and regional transportation needs, including in-city, intercity, interstate, and international (US and Canada) requirements. The station is to consist of a multi story building with full basement, a bus concourse, and three parking lots. The station will also house an adult education facility on the upper floor.

**CONTRACT AMOUNT: \$ 27,700,000.00**

**PACIFIC AVENUE OVERCROSSING****CONTRACT # 2925-2****OWNER: CITY OF EVERETT**  
**CONTRACTOR: GUY F. ATKINSON CONSTRUCTION CORP.**

This contract provides for the furnishing of all labor, materials and equipment necessary to construct approximately 750 lineal feet of concrete overpass, structure, 204 lineal feet of concrete ramp structure, retaining walls, signing illumination, signals, street improvements, grading, storm and sanitary sewer, cement concrete pavement, cement concrete curbs, pavement marking, permanent concrete sidewalks, landscaping and other work.

**CONTRACT AMOUNT: \$ 10,200,000.00****3<sup>RD</sup> STREET SW GRADE SEPARATION PROJECT****CONTRACT #PR529****OWNER: CITY OF AUBURN**  
**CONTRACTOR: RCI CONSTRUCTION GROUP**

This contract provides for the construction of roadway, drainage, paving, curb, gutter, sidewalk, four (4) traffic signals, street and pedestrian illumination, geosynthetic retaining walls, soil nail wall, two (2) rigid frame cast-in-place concrete bridges, one (1) prestressed post-tensioned concrete bridge and two (2) steel girder bridges, storm sewers, sanitary sewers, water lines, roadside planting, irrigation system, SC & DI system and utility relocations.

**CONTRACT AMOUNT: \$ 15,100,000.00****THRUSTON WAY INTERCHANGE****CONTRACT #6027****OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MAX J. KUNEY COMPANY**

This project consists of a design-build contract for the design and construction of a grade separation structure with on ramps and off ramps for the Thurston Way intersection with State Route 500 (SR 500), and the realignment of the eastbound on ramp from Andresen Rd. and westbound off ramp to Andresen Rd. in Vancouver, Washington. In addition, the SR 500 mainline will be overlaid with asphalt concrete pavement from Milepost (MP) 3.51 to MP 4.73.

**CONTRACT AMOUNT: \$ 20,000,000.00****MADRONA ELEMENTARY SCHOOL****CONTRACT #BEX-****OWNER: SEATTLE SCHOOL DISTRICT NO. 1**  
**CONTRACTOR: LYDIG**

This contract consists of all Civil, Landscape, Architectural, Structural, Food Services, Mechanical, and Electrical work required to construct the Modernization and Additions to the Madrona Elementary School. Also included is the demolition of an existing "1917 building" and existing site improvements, clearing, grubbing, grading, temporary storm water drainage/control, along with "off-site" utility and sidewalk/road work.

**CONTRACT AMOUNT: \$ 10,250,580.00**

**PIERCE COUNTY LINE TO TUKWILA HOV & ITS-STAGE 3** **CONTRACT #5981**  
**OWNER:** WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
**CONTRACTOR:** TRI-STATE CONSTRUCTION, INC.

This contract provides for the improvement of \*\*\* 5.66 miles of SR 5, MP 143.22 to MP 148.88, Pierce county line to Tukwila HOV Lane and SC&DI – Stage 3, by grading and paving, drainage, retaining walls, bridge widening, ramp widening, illumination Surveillance, Control and Driver Information system.

**CONTRACT AMOUNT: \$ 22,000,000.00**

**EVERETT STATION TI PROJECT** **CONTRACT #WA-90-X218**  
**OWNER:** CITY OF EVERETT  
**CONTRACTOR:** SCHUCHART CORPORATION

This contract provides for the building of selected interior construction (Tenant Improvements) inside the new Everett Station Multi-Modal Transportation Center building located in the City of Everett, Washington. The work will be done in two phases, phase 1 being an Education Resource Center – Floors 2 & 3 and phase 2 being Café; Food service equipment installation.

**CONTRACT AMOUNT: \$ 1,200,000.00**

**CLEAR LAKE DAM MODIFICATION** **CONTRACT #01CC202101**  
**OWNER:** U.S. DEPT. OF THE INTERIOR BUREAU OF RECLAMATION  
**CONTRACTOR:** ASI CIVIL CONSTRUCTORS

This contract provides for the roller compacted concrete dam located approximately 40 miles southeast of Klamath Falls, Oregon in Modoc County, California. The work includes applying water for dust abatement; relocating spillway bridge; fencing; removing concrete; clearing and grubbing; dewatering; excavation, rockfill and compacting backfill; furnishing and installing instrumentation: piezometers, joint meter installations, collimation installations; measuring flumes; strong motion earthquake system housing; drain piping; wire fence and quardrail.

**CONTRACT AMOUNT: \$ 6,000,000.00**

**SR 5, ASH WAY PARK AND RIDE** **CONTRACT #6483**  
**OWNER:** WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
**CONTRACTOR:** TRI-STATE CONSTRUCTION, INC.

This contract provides for the improvement of \*\*\*I-5 in Snohomish County, MP 183.22 vicinity to MP 184.33 vicinity, by clearing and grubbing, grading, drainage, storm sewer, pier construction, bridge construction, retaining wall construction, new transit ramp construction, surfacing, paving with cement concrete and asphalt concrete CI. Superpave and CI, A, erosion control, landscaping, intelligent permanent siging, sign structure, illumination, traffic control\*\*\* and other work.

**CONTRACT AMOUNT: \$ 7,600,000.00**

**SR161, JOVITA BLVD TO S 360th** **CONTRACT #6858**  
**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: TRI-STATE CONSTRUCTION, INC.**

This contract provides for the improvement of \*\*\*SR 161 in King and Pierce Counties, MP 31.95 to 34.20, Jovita Blvd to S 360<sup>th</sup> Widen to Five Lanes – Stage 2, by clearing and grubbing, drainage, surfacing, paving with Hot Mix Asphalt, erosion control, constructing cement curb, gutter, and sidewalk, surveying, constructiong structural earth, reinforcing concrete, soil nail, and soldier pile walls, noise walls, precast concrete barrier, fencing, pavement marking, permanent signing, under ground utility conduits, illumination, traffic signal systems, enterconnection, mitigation planting, wetland creation and restoration, plant establishment, traffic control\*\*\* and other work.

**CONTRACTAMOUNT: \$ 16,000,000.00**

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**MADISON MIDDLE SCHOOL PHASE II** **CONTRACT #BEX-**  
**OWNER: SEATTLE SCHOOL DISTRICT NO. 1**  
**CONTRACTOR: GARCO CONSTRUCTION, INC.**

The Work consists of constructing and modernizing the Madison Middle School Phase 2 in Seattle, Washington. All Civil, Landscape, Architectural, Structural, Food Services, Mechanical, and Electrical work required to construct the Madison Middle School Phase 2 for Seattle School District. This work also includes selective demolition, and site improvements, grading, temporary storm water drainage/control, along with “off-site” sidewalk/road work producing a complete 135,000 square foot Addition and Modernization plus related on-site and off-site improvements , including all civil, architectural, structural, mechanical, electrical and site improvements.

**CONTRACT AMOUNT: \$ 22,200,000.00**

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**MAPLE ELEMENTARY SCHOOL** **CONTRACT #A5023**  
**OWNER: SEATTLE SCHOOL DISTRICT NO. 1**  
**CONTRACTOR: KASSEL CONSTRUCTION, INC.**

The Work consists of constructing the Maple Elementary School addition in Seattle, Washington. All Civil, Landscape, Architectural, Structural, Food Services, Mechanical, and Electrical work required to construct the Maple Elementary School addition for Seattle School District. The Contractor shall understand that this work also includes demolition of all existing buildings and portables, and existing site improvements, clearing, grubbing, grading, temporary storm water drainage/control, along with “off-site” utility and sidewalk/road work.

**CONTRACT AMOUNT: \$ 4,520,100**

**DEARBORN PARK ELEMENTARY SCHOOL  
#A5024****CONTRACT****OWNER: SEATTLE SCHOOL DISTRICT NO. 1  
CONTRACTOR: KASSEL CONSTRUCTION, INC.**

The Work consists of constructing the Dearborn Park Elementary School addition in Seattle, Washington. All Civil, Landscape, Architectural, Structural, Food Services, Mechanical, and Electrical work required to construct the Dearborn Park Elementary School addition for Seattle School District. The Contractor shall understand that this work also includes demolition of gymnasium and portable #1, and existing site improvements, clearing, grubbing, grading, temporary storm water drainage/control, along with "off-site" utility and sidewalk/road work.

**CONTRACT AMOUNT: \$ 4,622,540****ROOSEVELT HIGH SCHOOL****CONTRACT #A5001****OWNER: SEATTLE SCHOOL DISTRICT NO. 1  
CONTRACTOR: HOFFMAN CONSTRUCTION CO.**

The work consists of all on-site work associated with the demolition of the two 1960's buildings housing the District's production kitchen, cafeteria, studios, shops, gymnasium, locker rooms, and classrooms. The project includes the modernization of the existing 1922 original building and 1928 addition including a seismic retrofit of the existing structural systems, replacement of existing plumbing, electrical, mechanical, lighting, interior finishes, restoration of existing exterior brick and terracotta, and replacement of window and roofing systems. The project will also consist of the construction of a large addition on the north and northeast sides of the remaining 1920's buildings to house new classrooms, gymnasiums, locker rooms, performing arts facilities, kitchen and cafeteria. On the exterior the existing athletic facilities on the west side of the site will be rebuilt to include a new track and football/soccer field, parking areas and the area surrounding the 1920's buildings will include the re-landscaping and rebuilding of existing sidewalks, steps, and planter areas. Off-site work will include the replacement of existing utilities serving the site including water, sewer, storm sewer, electrical, phone, and cable. The work includes civil, landscaping, architectural, structural, mechanical, electrical systems and all necessary and required work to complete the project as described in the contract documents

**CONTRACT AMOUNT: \$ 56,940,961****CLEVELAND HIGH SCHOOL****CONTRACT #A5009****OWNER: SEATTLE SCHOOL DISTRICT NO. 1  
CONTRACTOR: ABSHER CONSTRUCTION CO..**

The 1927 structure has been designated a Seattle Historic Landmark. The District has proposed significant renovations to the buildings' exterior elevations. The work consists of all on-site work associated with the demolition of the attached single story portions (the music / shop addition) is also planned. The retained portions of the building will have modernized interiors. The existing gymnasium building will have modernization / additions. The athletic facilities share common site resources with the City of Seattle Parks Department at the base of a steeply sloped hill adjacent to 13th Avenue. Improvements to the athletic facilities will be part of this project. The renovated high school will have a capacity of 1,000 students and require a minimum of 187,000 GSF. Off-site work will include the replacement of existing utilities serving the site including water, sewer, storm sewer, electrical, phone, and cable. The work includes civil, landscaping, architectural, structural, mechanical, electrical systems and all necessary and required work to complete the project as described in the contract documents.

**CONTRACT AMOUNT: \$ 44,141,144**

**GARFIELD HIGH SCHOOL****CONTRACT #A5013****OWNER: SEATTLE SCHOOL DISTRICT NO. 1**  
**CONTRACTOR: LEASE CRUTCHER LEWIS..**

The work consists of all on-site work associated with the demolition of the 1962 gymnasium, the modernization of the existing 1923 original building and 1929 addition including a seismic retrofit of the existing structural systems, replacement of existing plumbing, electrical, mechanical, lighting, interior finishes, restoration of existing exterior brick and terracotta, and replacement of window and roofing systems. The project will also consist of the construction of a new gymnasium, locker rooms, performing arts facilities, and teen center. On the exterior the existing athletic facilities on the east side of the site will be rebuilt to include a new track and football/soccer field, parking areas and the area surrounding the 1920's buildings will include the re-landscaping and rebuilding of existing sidewalks, steps, and planter areas. Off-site work will include the replacement of existing utilities serving the site including water, sewer, storm sewer, electrical, phone, and cable. The work includes civil, landscaping, architectural, structural, mechanical, electrical systems and all necessary and required work to complete the project as described in the contract documents.

**CONTRACT AMOUNT: \$ 71,340,375****I-405 TOTEM LAKE/NE 128<sup>TH</sup> ST HOV DIRECT ACCESS FWY STATION #6932****CONTRACT****OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: MAX J. KUNEY COMPANY**

This contract provides for the improvement of I-405, in King County, in the vicinity of MP 20.04 to MP 21.27, Totem Lake/NE 128<sup>th</sup> Street and at NE 132<sup>nd</sup> Stret; improvements at NE 124<sup>th</sup> Street interchange, at 116<sup>th</sup> Way NE/116<sup>th</sup> Ave NE, and ta Totem Lake Boulevards, and includes retaining walls, drainage, surfacing, paving with hot mix asphalt and cement concrete pavement, covered walkway, utility relocation, erosion control and seeding, landscaping, sidewalk, curb and gutter, concrete barrier, pavement marking, permanent signing, illumination, traffic signal, ITS, surveying and other work, all in accordance with the Coontract Plans, Contract Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$ 42,000,000.00****SR 16 UNION AVE. TO JACKSON AVE. - HOV #6767****CONTRACT****OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION**  
**CONTRACTOR: TRI-STATE CONSTRUCTION, INC.**

This contract provides for the improvement of 3.32 miles of SR 16 in Pierce County, MP 0.85 to MP 4.67, Union Ave. to Jackson Ave; by clearing and grubbing; two conc. Box girder bridges; two prestressed conc. Girder bridges; one steel plate girder bridge; one pedestrian tunnel; grading; surfacing; paving wit cement conc. Pavement and hot mix asphalt; drainage; sign structures; noise, soil nail, structural earth and soldier pile retaining walls; illuminatin systems; traffic signal systems; intelligent transportation systems; ramp metering; permanent signing; pavement markings; traffic control and other work, all in accordance with the Contract Plans and provisions, and the Standard Specifications.

**CONTRACTAMOUNT: \$ 47,300,000.00**

**WILLIAM L. BASS, JR.**

**DISPUTE REVIEW BOARD PROJECTS**

**Page Fifteen**

**SR 520 W LAKE SAMMAMISH PKWY TO SR 202 FLYOVER RAMP  
#7272**

**CONTRACT**

**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
CONTRACTOR: TRI-STATE CONSTRUCTION, INC.**

This contract provides for the improvement of SR 520 W Lake Sammamish Pkwy to SR 202-flyover ramp, which includes tow interim on ramps to south bound SR 520 from SR 202, a three span bridge over SR 202, a shared bike/pedestrian path, storm water runoff improvements, erosion control, traffic signal modifications, ramp meters, MSE and cast-in-place retaining walls, traffic control and other work, all in accordance with the Contract Plans, Contract Provisions, and the Stancard Specifications.

**CONTRACTAMOUNT: \$ 10,000,000.00**

**US -95, WORLEY TO SETTERS – STAGE 1**

**CONTRACT # 7018**

**OWNER: STATE OF IDAHO TRANSPERTATION DEPARTMENT  
CONTRACTOR: M.A. DEATLEY CONSTRUCTION, INC.**

This contract provides for improving the alingment of US-95 from MP 403.5 to MP 408.75, involving realignment, reconstruction and widening to include five miles of divided four lanes, four structures, retaining wall and various accessories and roadside impromements all in accordance with the Contract Plans, Contract Provisions, and the Stancard Specifications.

**CONTRACT AMOUNT: \$ 40,000,000.00**

**I-90 TWO-WAY TRANSIT & HOV OPERATIONS STAGE 1**

**CONTRACT**

**#7217**

**OWNER: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION  
CONTRACTOR: MAX J. KUNEY COMPANY**

This contract provides for the improvement of 7.57 miles of I-90, in King county MP 2.76 to MP 10.34, I-90 Two-Way Transit & HOV Operations, Stage 1, by clearing and grubbing, grading, draining, surfacing, paving with hot mix asphalt and cement concrete pavement, constructing structural earth walls, reinforced concrete retaining walls, soldier pile walls, a reinforced concrete box girder bridge, erosion control, seeding and fertilizing, landscaping, other work, all in accordance with the Contract plans, Contract Provisions, and the Standard Specifications.

**CONTRACT AMOUNT: \$ 22,460,000.00**

**GARY O. CRAWFORD**

**PROJECT MANAGER**

**REGISTRATION**

Professional - International Conference of Building Officials  
Licensed General Contractor - (1991 - 1992)

**EDUCATION**

A.S.'s Construction & Business Management, Edmonds Comm. College, 1983  
Certificate's - Project Management, Building Inspection, Materials Management

**EXPERIENCE**

From 1991 to Present: Independent Consultant - Provided construction management expertise to a variety of construction companies with multiple projects. These past projects included concrete construction, high rise buildings, hi-tech & biotech facilities, underground utilities, and a major, multiple hanger expansion at a large aircraft/aerospace company. The responsibilities included cost estimates, preparing and analyzing schedules, prepared cost accounting and analysis systems, negotiated subcontracts, prepared contracts, change orders and managed construction progress through tenant completion. The cost systems have included both the System and CSI formats to match accounting and construction cost systems for a common understanding. Scheduling and analysis experience ranges from planned construction to as-built and compressed as-builts derived from the contemporaneous records on projects as large as \$800 million. Construction management experience has included mechanical/electrical coordinator, project engineer, project manager and construction manager. In addition, Mr. Crawford has experience in Value Engineering assignments along with constructibility reviews and commercial projects. Some of the major projects involved were Boeing's Peace Shield and P3-IV Update programs, McNeil Island Correction Facility, Filmore Center - San Francisco, Peterson School - Kodiak, Manhattan Square, Henry Jackson High School, Mt. Baker Development and First Ave. Bridge Duwamish Water Pipe.

Performed review of contemporaneous project records, inspection reports, compile schedule information and analyze, review cost data (overhead, directs, delay, change orders) and assemble into a detailed report consistent with the claim presentation.

From 1971 to 2007: Construction Projects - Performed construction duties that included mechanic, operator, master mechanic, equipment manager, project engineer, mechanical/electrical coordinator, estimator, scheduler, project manager, construction manager and vice president of operations. The projects included schools, hospitals, hi-tech and bio-tech facilities, mid rises, office buildings, recreation parks, manufacturing plants, process piping, tenant improvements, malls, specialty aircraft facility and banks. These projects have included concrete construction, post tensioning steel, structural steel and detailing, shotcreteing, earthwork, mechanical and process piping, HVAC, electrical, fire-protection, utilities, control systems and specialty equipment. These projects have ranged in value from \$1 million to \$800 million. Mr. Crawford has been innovative in tenant improvement projects in the biotech industry producing on time or ahead of schedule projects, under budget, with award winning performance.

**AWARDS**

Associated General Contractors of America - The Biomembrane Institute. Award for construction excellence in the respective class for design, type of construction, and project cost range.

**ACHIEVEMENTS**

Constructed the first Class 1 Clean Facility (hi-tech) in the Pacific Northwest at National Semiconductor.  
Constructed the first AIDS Test-Manufacturing lab with FDA approval at Genetic Systems.

**PROFESSIONAL AFFILIATIONS**

Associated General Contractors of America - International Conference of Building Officials

**Selected Past Projects**

- Contractor defense of construction management project controls at a 14 building (low rise, mid-rise, high rise) complex in a economically depressed area of a major city. Three-phase claim comprised of construction liability and delay, damage by subcontractors with finished product and deficient warranties.
- Contractor claim for delay due to steel delivery and submittal turnaround at a school on an island in Alaska. Schedule analysis of plan vs. as-built data for delay time and associated costs.
- Contractor claim for delay due to added rework of building construction because of improper quality lumber that had to be removed and replaced. Condominium project in Bellevue.
- Contractor claim for delay and cost overruns at a correctional facility due to weather and site conditions and project inaccessibility. The project was located on a small island in Puget Sound.
- Contractor claim for delay and cost overruns at a development near Bellingham because of unforeseen earth conditions that created increased blasting and spoils removal.
- Contractor claim for delay and cost overruns on a federal contract for the updating of the P3 Orion aircraft with anti-submarine warfare technology. \$800 million dollar claim with schedule analysis and compressed as-built data included with cost information.
- Contractor claim for delay and cost overruns on a federal contract for the air defense warning system for Saudi Arabia. \$1.2 billion dollar claim with schedule analysis and compressed as-built data included with cost information.
- Contracted to project engineer the steel fabrication and erection on a \$71 million high school building project for the Seattle School District. Prepare submittals, shop drawings and erection drawings for the steel installation on an existing building restoration and a new PE/PAC building for the general contractor, Lease Crutcher Lewis.
- Contracted to cost engineer on a \$80 million GC/CM building project for the City of Bellevue. Maintain cost accounting records, cost proposals, subcontract changes, and budget proposals for presentation to City of Bellevue and the general contractor, Lease Crutcher Lewis.
- Contracted to maintain a cost and schedule analysis on a hi-tech building project for the Masca Corporation semiconductor plant. Maintain cost accounting records, cost proposals, subcontract changes, and budget proposals for presentation to Masca Corporation and the general contractor, Obayashi Corporation of America.
- Contracted to create cost control and resource scheduling documentation for a nationwide cost accounting program for Enserch Environmental on the Primavera program within the specific guidelines furnished by corporate staff.
- Contracted for construction management procedures, schedule analysis, and change order cost controls in a claim investigation for an earthwork contractor on a large school project. Review plans, specifications, and bid estimates for concurrence with the scope of work.
- High Bay Airplane Factory Complex (5 buildings @ 777 Program) -Team leader in the construction review, scheduling, and cost control analyses for a major expansion project at the Boeing Everett plant. The areas of responsibility for reviews included design, permits, construction, computing, equipment, tooling, relocates, and support services for the 777 program.

**Selected Past Projects**

High Bay ASAT Factory Bldg. (Boeing 777 Program) - Scheduled a 9-month fast track project on an automated spar building. Produced an integrated schedule, work breakdown structures, and cost reports to meet Boeing specifications. This project was started with 60% drawings and constructed as the design progressed to a completed building for ASAT tool assembly in the time scheduled.

Immunex GMP Bio Tech Plant (2 buildings) - Produced schedule and cost analysis for the entire project along with producing a data base (Paradox software) for document control that was maintained for review and compliance by the FDA. Also, reviewed specifications and material procurement by the mechanical/electrical subcontractors and Flour Daniel's for the above FDA compliance.

Continental Plaza - Kirkland On site management and cost control of the construction activities with cast in place P/T slabs in a 4 story office building with an exterior gunite garage area. Duties included bidding, take-offs, estimating, cost scheduling, administration, materials, contracts, and T.I. design and construction.

The Biomembrane Institute. - On site cost and construction management for Otsuka Pharmaceutical in design, permits, and construction of a Bio-medical facility. Duties included design of facilities, administration of construction, cost analyses, and contracting of work. Laboratories included GMP, Organic, and General Lab space with equipment and maintenance areas. This laboratory space won an AGC award for design and construction in tenant improvements within a dollar category.

National Semiconductor - Scheduled construction work, coordinated mechanical/electrical work, detailed finish work, and maintained administration field logs. This was a fast track remodel of an existing building into a 35,000 s.f. Class 1 Clean facility, the first in the Pacific Northwest. This project was completed in 8 months, ahead of schedule and under budget.

Otsuka Pharmaceutical - Installed 100,000 s.f. of tenant construction of Bio-chemical laboratories and animal laboratory space. Transition of office space into labs with emphasis on Class P3 & P4 Clean rooms. Duties included administration, bidding, take-offs, scheduling, cost controls, materials, change orders and subcontract negotiations. Marketed for future expansion of Biomembrane Institute on a construction management basis with value engineering.

Genetic Systems - Constructed the first Aids Test Manufacturing Facility, approved by the Federal Drug Administration, for Genetic Systems. This was a remodel of an office/warehouse space that was converted into P1 labs and manufacturing space. Duties included administration, site operations, take-offs, equipment, scheduling, cost controls, materials, change orders and subcontract negotiations within a three month schedule to get an edge on the competition for this type of facility.