



STANDARD AGREEMENT

(Version 9-22-2023)

This AGREEMENT ("Agreement") is entered by and between **LDC Paving Incorporated** ("Contractor"), located at **10071 Windfern Rd. Houston, TX 77064** and the **City of League City** ("City"), a home-rule municipality, located at 300 W. Walker St., League City, Texas 77573 on the date set forth below.

Terms:

1. **Scope of Services:** Contractor will perform the services and/or provide the products as set forth in **Exhibit A**, which is attached and incorporated herein, and which can be generally described as **City Hall Annex to Helen Hall Library asphalt parking lots**. If there is a conflict between the terms of this Agreement and Exhibit A, the terms of this Agreement will prevail.
2. **Term and Termination:** This Agreement shall commence on **July 14, 2026** and shall expire on **September 14, 2026**. The period from commencement to expiration is the Contract Term. City reserves the right to terminate this Agreement for convenience upon seven (7) days written notice to Contractor. Upon such termination, City shall pay Contractor, at the rate set out in **Exhibit A**, for services satisfactorily performed or products satisfactorily provided up through the date of termination. Notwithstanding any provision in this Agreement to the contrary, City will not be required to pay or reimburse Contractor for any services performed or for expenses incurred by Contractor after the date of the termination notice that could have been avoided or mitigated by Contractor.
3. **Compensation:** Contractor shall be paid for the services/products as set forth in **Exhibit A**. In no event shall the total compensation exceed **\$98,750** during the term of this Agreement. City shall tender payment (including progress/partial payments) for services/goods only after such services are completed or goods are delivered and are deemed to be acceptable under this Agreement, in the sole reasonable discretion of City. Contractor must submit to City invoices for all goods delivered and services provided, which invoices must include details and dates of service or delivery. Payment by City shall be made within thirty (30) days of receipt of an invoice, except for any portion of the invoiced amount that City disapproves as not compliant under this Agreement, in the sole reasonable discretion of City. If City disapproves any amount submitted for payment by Contractor, City shall give Contractor specific reasons for disapproval in writing.
4. **Insurance:** Contractor **is** required during the Contract Term to maintain insurance as follows: (a) Comprehensive General Commercial Liability insurance covering bodily injury and property damage, with minimum coverage limits—exclusive of defense costs—of \$1,000,000 per occurrence and \$2,000,000 aggregate; (b) If Contractor will provide City "professional services," as that term is used in Chapter 252 of the Texas Local Government Code, Professional Liability (errors and omissions/malpractice) insurance with minimum coverage limits—exclusive of defense costs—of \$2,000,000 per occurrence; and (c) If at any point during the Contract Term it is foreseeable that Contractor will enter upon City premises: (i) Worker's Compensation coverage with statutory limits for the State of Texas, and (ii) Commercial Automobile Liability coverage with minimum coverage limits—exclusive of defense costs—of \$1,000,000 per occurrence and

\$2,000,000 aggregate. All policies must contain a waiver of subrogation against City. Comprehensive General Liability and Commercial Automobile Liability policies must name the City as Additional Insured. Contractor shall pay all insurance deductibles and deductibles must not exceed \$10,000 unless approved in advance by City. Contractor shall provide City Certificates of Insurance evidencing these insurance requirements prior to the start of work.

5. **Liquidated Damages:** Liquidated damages **are not** applicable to this transaction. Contractor acknowledges that time is of the essence in performing this Agreement. City and Contractor (collectively, the “Parties”) agree that if Contractor is late in performing any obligation of this Agreement, City will suffer loss, damages, or other harm from Contractor’s delay. The Parties agree that the amount of loss, damages, or harm likely to be incurred is incapable or difficult to precisely estimate, and therefore Contractor agrees to pay City liquidated damages for delay at a daily rate equal to the total compensation allowed under the Agreement divided by the number of days in the Contract Term. The Parties further agree that: (i) the liquidated damages specified herein are not a penalty but rather bear a reasonable relationship to, and is not plainly or grossly disproportionate to, the probable loss likely to be incurred by City as a result of Contractor’s delay; (ii) one of the reasons for City and Contractor to agree to such amounts is the uncertainty and cost of litigation regarding the question of actual damages; and (iii) City and Contractor are sophisticated business parties and negotiated this Agreement at arm’s length.
6. **Independent Contractor:** Contractor is an independent contractor and is not an employee, partner, joint venture, or agent of City. Contractor understands and agrees that he/she will not be entitled to any benefits generally available to City employees. Contractor shall be responsible for all expenses necessary to carry out the services under this Agreement and shall not be reimbursed by City for such expenses except as otherwise provided in this Agreement.
7. **Intellectual Property:** This Agreement shall be an Agreement for services and the parties intend and consider any work created as a result of this Agreement, including any and all documentation, images, products or results, to be a work (the “Work”) for hire under federal copyright law. Ownership of the Work shall belong to and remain the exclusive property of City. The Work may be edited at any time within City’s discretion. If the Work would not be considered a work-for-hire under applicable law, Contractor hereby assigns, transfers, and conveys any and all rights, title and interest to City, including without limitation all copyrights, patents, rights of reproduction, rights to ownership, and right to secure registrations, renewals, reissues and extensions thereof. As the sole copyright holder of the Work, City maintains and asserts the rights to use, reproduce, make derivative works from, and/or edit the Work in any form of medium, expression or technology now known or hereafter developed, at any time within City’s discretion. Contractor shall not sell, disclose or obtain any other compensation for the services provided herein or the Work. If the Work is one to which the provisions of 17 U.S.C. § 106A apply, Contractor hereby waives and appoints City to assert on Contractor's behalf Contractor's moral rights or any equivalent rights regarding the form or extent of any alteration to the Work (including, without limitation, removal or destruction) or the making of any derivative works based on the Work, including, without limitation, photographs, drawings or other visual reproductions of the work, in any medium, for City’s purposes.
8. **Confidentiality:** During the course of the services to be provided under this Agreement, Contractor may become privy to confidential information of City. Contractor agrees to treat as confidential the information or knowledge that becomes known to Contractor during performance of this Agreement and to not use, copy, or disclose such information to any third party unless authorized in writing by City. This provision does not restrict the disclosure of any

information that is required to be disclosed under applicable law. Contractor shall promptly notify City of any misuse or unauthorized disclosure of City's confidential information and upon expiration of this Agreement shall return to City all confidential information in Contractor's possession or control. Contractor shall further comply with all information security policies of City that may apply and shall not make any press releases, public statements or advertisement referring to the services provided under this Agreement or the engagement of Contractor without the prior written approval of City.

9. **Warranties and Representations:** Contractor warrants and agrees that Contractor shall perform its services and conduct all operations in conformity with all applicable federal, state, and local laws, rules, regulations, and ordinances. For any service performed on premises owned or controlled by City, Contractor warrants and agrees that Contractor will perform said services in compliance with all City rules, including but not limited to, prohibitions related to tobacco use, alcohol, and other drugs.
10. **Licenses/Certifications:** Contractor represents and warrants that it will obtain and maintain in effect, and pay the cost of, all licenses, permits or certifications that may be necessary for Contractor's performance of this Agreement. If Contractor is a business entity, Contractor warrants, represents, covenants, and agrees that it is duly organized, validly existing and in good standing under the laws of the state of its formation; and is duly authorized and in good standing to conduct business in the State of Texas, that it has all necessary power and has received all necessary approvals to execute and deliver the Agreement and is authorized to execute this Agreement according to its terms on behalf of Contractor.
11. **Performance/Qualifications:** Contractor agrees and represents that Contractor has the personnel, experience, and knowledge necessary to qualify Contractor for the particular duties to be performed under this Agreement. Contractor warrants that all services performed under this Agreement shall be performed consistent with generally prevailing professional or industry standards.
12. **Conflict of Interest:** Contractor warrants, represents, and agrees that Contractor presently has no interest and shall not acquire any interest, direct or indirect, that would conflict in any manner or degree with Contractor's performance of the services hereunder. Contractor further warrants and affirms that no relationship or affiliation exists between Contractor and City that could be construed as a conflict of interest with regard to this Agreement.
13. **INDEMNIFICATION: CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD HARMLESS CITY , AND EACH OF ITS OFFICIALS, OFFICERS, AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, ACTIONS, SUITS, DEMANDS, PROCEEDINGS, COSTS, DAMAGES AND LIABILITIES, INCLUDING WITHOUT LIMITATION ATTORNEYS' FEES AND REASONABLE LITIGATION COSTS, ARISING OUT OF, CONNECTED WITH, OR RESULTING FROM ANY ACTS OR OMISSIONS OF CONTRACTOR OR ANY AGENT, EMPLOYEE, SUBCONTRACTOR, OR SUPPLIER OF CONTRACTOR IN THE EXECUTION OR PERFORMANCE OF THIS CONTRACT, TO THE EXTENT THE CLAIM ARISES FROM**

NEGLIGENCE, WILLFUL ACT, BREACH OF CONTRACT OR VIOLATION OF LAW.

14. **Force Majeure:** Neither City nor Contractor shall be liable for any delay in the performance of this Agreement, nor for any other breach, nor for any loss or damage arising solely from uncontrollable forces such as fire, theft, storm, war, or any other force majeure that could not have been reasonably avoided by the exercise of due diligence.
15. **Notices:** Any notice given under this Agreement by either party to the other may be affected either by personal delivery in writing or by mail, registered or certified postage prepaid with return receipt requested. Mailed notices shall be addressed to the addresses of the Parties as they appear in the contract. Notices delivered personally shall be deemed communicated at the time of actual receipt. Mailed notices shall be deemed communicated three (3) days after mailing.
16. **Texas Family Code Child Support Certification:** Pursuant to Section 231.006 of the Texas Family Code, Contractor certifies that it is not ineligible to receive the award of or payments under the Agreement and acknowledges that the Agreement may be terminated, and payment may be withheld if this certification is inaccurate.
17. **State and/or City Auditor:** Contractor understands that acceptance of funds under the Agreement constitutes acceptance of the authority of the Texas State Auditor's Office, or any successor agency or the City's internal auditor (collectively, the "Auditor"), to conduct an audit or investigation in connection with those funds. Contractor agrees to cooperate with the Auditor in the conduct of the audit or investigation, including without limitation providing all records requested. Contractor will include this provision in all contracts with permitted subcontractors.
18. **Jurisdiction:** Any disputes under this Agreement shall be brought in a court of competent jurisdiction in Galveston, Texas and governed by Texas law.
19. **Alternative Dispute Resolution:** To the extent that Chapter 2260, Texas Government Code, is applicable to this Contract and is not preempted by other applicable law, the dispute resolution process provided for in Chapter 2260 and the related rules adopted by the Texas Attorney General Pursuant to Chapter 2260, shall be used by City and Contractor to attempt to resolve any claim for breach of contract made by Contractor that cannot be resolved in the ordinary course of business. The Director of Finance of City shall examine Contractor's claim and any counterclaim and negotiate with Contractor in an effort to resolve such claims. This provision shall not be construed as a waiver by City of its right to seek redress in the courts.
20. **Entire Agreement:** This Agreement contains the entire understanding between the Parties and supersedes all prior agreements, arrangements, and understanding, oral or written between the Parties relating to this Agreement. This Agreement may not be modified except by mutual written agreement of the Parties executed subsequent to this Agreement.
21. **Eligibility to Receive Payment:** Contractor certifies that, as a matter of state law, it is not ineligible to receive the Agreement and payments pursuant to the Agreement and acknowledges that the Agreement may be terminated, and payment withheld if this representation is inaccurate.
22. **Payment of Debt/Delinquency to State:** Contractor certifies that it is not indebted to the City of League City and is current on all taxes owed to the City of League City. Contractor agrees that any payments owing to Contractor under the Agreement may be applied directly toward any debt

or delinquency that Contractor owes the City of League City regardless of when it arises, until such debt or delinquency is paid in full.

23. **Products and Materials Produced in Texas:** If Contractor will provide services under the Agreement, Contractor covenants and agrees that in performing its duties and obligations under the Agreement, it will purchase products and materials produced in Texas when such products and materials are available at a price and delivery time comparable to products and materials produced outside of Texas.
24. **Risk of Loss:** If applicable, all work performed by Contractor pursuant to the Agreement will be at Contractor's exclusive risk until final and complete acceptance of the work by City. In the case of any loss or damage to the work prior to City's acceptance, bearing such loss or damage will be Contractor's responsibility.
25. **Publicity:** Contractor shall not use City's name, logo or likeness in any press release, marketing materials or other public announcement without receiving City's prior written approval.
26. **Legal Construction/Severability:** In the event that any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision, and this Agreement shall be construed as if such invalid, illegal or unenforceable provisions had never been contained in it. To this end, the provisions of this Agreement are declared to be severable. The Parties may mutually agree to renegotiate the Agreement to cure such illegality/invalidity or unconstitutionality if such may be reasonably accomplished.
27. **Limitations:** The Parties are aware that there are constitutional and statutory limitations on the authority of City to enter into certain terms and conditions of the Agreement, including, but not limited to, those terms and conditions relating to liens on City's property; disclaimers and limitations of warranties; disclaimers and limitations of liability for damages; waivers, disclaimers and limitations of legal rights, remedies, requirements and processes; limitations of periods to bring legal action; granting control of litigation or settlement to another party; liability for acts or omissions of third parties; payment of attorneys' fees; dispute resolution; indemnities; and confidentiality (collectively, the "Limitations"). Any terms and conditions related to the Limitations will not be binding on City except to the extent authorized by the laws and Constitution of the State of Texas.
28. **Sovereign Immunity:** The Parties agree that neither the execution of the Agreement by City nor any other conduct, action or inaction of any City representative relating to the Agreement constitutes a waiver of sovereign immunity by City. The Parties also agree that this Agreement constitutes a governmental function and is not a proprietary function.
29. **Authority:** The Parties stipulate that in entering into this Agreement, the City is performing a solely governmental function and not a proprietary function. Contractor warrants and represents that Contractor has full power and authority to enter into and perform this Agreement and to make the grant of rights contained herein. The person signing on behalf of City represents that he/she has authority to sign this Agreement on behalf of City.
30. **Non-Waiver:** The Parties specifically agree that neither the occurrence of an event giving rise to a breach of contract claim nor the pendency of a claim constitute grounds for the suspension of performance by Contractor. No covenant or condition of this Agreement may be waived except

by written consent of the waiving party. Forbearance or indulgence by one party in any regard whatsoever shall not constitute a waiver of the covenant or condition to be performed by the other party.

31. **Prohibitions Pursuant to Texas Government Code:** By executing this Agreement Contractor verifies that Contractor (1) does not boycott Israel and will not during the term of this Agreement per Section 2274.002; (2) is not engaged in business with Iran, Sudan, or any company on the list referenced in Section 2252.152; (3) does not boycott energy companies and will not during the term of this Agreement per 2274.002; and (4) does not have a practice, policy, guidance, or directive of this Agreement against a firearm entity or firearm trade association and will not during the term of this Agreement per 2274.002.

(signature block on next page)

Executed on _____. *(date to be filled in by City Secretary)*

LDC PAVING INCORPORATED - “Contractor”

Chad Davis – President

CITY OF LEAGUE CITY – “City”

John Baumgartner – City Manager

Attest:

Diana Stapp, City Secretary

Approved as to Form:

Office of the City Attorney

Exhibit A

Scope of Services/Description of Products/Payment Schedule

(There are **9** pages for Exhibit A, including this page)

Proposal



PARKING LOT LIQUID ROAD PROJECT

Official Presentation Proposal

PREPARED FOR: City of League City Public Works

LOCATION: City Hall Annex to The Library

DATE: April 10, 2026

ESTIMATE NUMBER: #18766

Proposed Service Area



Aerial view of designated 125,000 SF project area.

Scope of Work

- Power broom sweep parking lot to remove all loose rocks, debris, and dirt.
- High-pressure air blow surface and apply two (2) squeegee coats of high-performance Liquid Road® polymer-modified fiber-reinforced emulsion.
- Mixture includes specialized aggregate (400 lbs sand per 100 gal) for maximum durability and skid resistance.
- Precise application following the 125,000 SF service area boundaries outlined above.

Investment & Terms

Work Description	Coverage	Rate	Total
Liquid Road® Asphalt Preservation Complete 2-coat system including surface preparation and manufacturer-spec aggregate mix.	125,000 SF	\$0.59	\$73,750.00
GRAND TOTAL			\$73,750.00

Project Terms & Conditions

- **Timeline:** 5 working day job completion required.
- **Preparation:** Owner is responsible for removing all vehicles and obstructions.
- **Mobilization:** Delays extending the project will result in a **\$1,000.00** charge per additional mobilization.
- **Maintenance:** Final coat requires 24 hours of curing before returning to traffic service.
- **Payment:** Due in full immediately upon job completion.



BEFORE



THE SMART CHOICE FOR
PAVEMENT PRESERVATION



SP 300 SQUEEGEE
MACHINE
PAGE 45

Liquid Road Uses:

- Low Traffic Roads
- Neighborhoods
- Gated Communities
- Parking Lots
- Airport Taxiways
- Highway Shoulders

MIXING PROCEDURES:

(Based on 100 gallons of Liquid Road)

Liquid Road..... 100 gallons
Sand 400 lbs.

A 20-30 mesh AFS sand is recommended for parking lot applications. An 11-15 mesh AFS sand is recommended for road applications.

NOTE: A small amount of water may be added to facilitate application.

MATERIAL REQUIREMENTS: For parking lot application
(20-30 mesh sand) - 55-66 square feet (6.11-7.33 square yards) per gallon per coat.

For road application (11-15 mesh sand) - 20-25 square feet (2.22-2.77 square yards) per gallon per coat.

LIQUID ROAD®

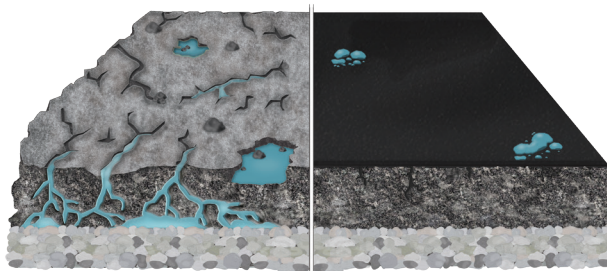
ASPHALT BASED PAVEMENT COATING

THE ULTIMATE COATING FOR ROADS, STREETS, & OTHER
PAVEMENT SURFACES

Advantages:

- Polymer-modified and fiber-reinforced for ultimate durability
- A tough, aggregate-filled bituminous coating provides skid resistance and lasting protection

UNCOATED VS. COATED



Liquid Road is mixed with specially graded aggregate and applied to the road surface. The result is a highly durable, slip-resistant surface treatment that greatly extends pavement service life. Liquid Road is cost-effective and easy to apply with minimal impact on traffic flow.

PRODUCT #	DESCRIPTION	WEIGHT	PRICE
S1045P	5 - Gallon Pail	53 lbs.	\$45.99
S1045D	55 - Gallon Drum	580 lbs.	\$467.99
S1045B	Bulk	-	- quoted -

ASK ABOUT
**LIQUID ROAD
ULTRA**

FACTORY BLENDED
WITH SAND ADDED

AFTER

LIQUID ROAD

For Application on Parking Lots

SMT-332

REVISED 04/06/23

PRODUCT DESCRIPTION

Liquid Road is a polymer-modified, fiber reinforced asphalt emulsion coating that is job-mixed with specially graded aggregate and applied to pavement surfaces. The result is a highly durable, slip-resistant surface treatment that greatly extends pavement service life. Liquid Road meets ASTM D8099/D8099M-17 Standard Specification for Asphalt Emulsion Pavement Sealer.

RECOMMENDED USES

Liquid Road is a premium grade pavement coating that is ideal for all types of pavement surfaces including parking lots, shopping malls, airports, driveways, roadways and more. This specification pertains to Liquid Road application on parking lots. For Road and street applications please refer to technical data sheet SMT-333.

ESTIMATING MATERIAL REQUIREMENTS

One gallon of Liquid Road will cover approximately 55-66 square feet (6-7.5 square yards) per coat when properly mixed and applied.

APPLICATION RATE OF MIXED MATERIALS

Apply properly mixed Liquid Road (Liquid Road and Aggregate) at a rate of 45-55 square feet (5-6 square yards) per gallon per coat. Application rates may vary due to pavement porosity and method of application. Multi-coat application is recommended for optimum durability (See APPLICATION PROCEDURES below.)

PERFORMANCE CHARACTERISTICS

Table 1 - Physical Properties Of Liquid Road As Supplied Without Sand		
ASTM	Test Description	Result
D5	Penetration of Bituminous Materials-Base Asphalt	12-45 Pen
D6937	Density of Emulsified Asphalt	1,000 -1300 g/l
D6930	Settlement and Storage Stability of Emulsified Asphalts	20% max./24 hr.
D113	Ductility of Bituminous Materials-Base Asphalt	5-15 cm
Std. %	Percent Polymer Solids to Asphalt by wt.	3% min.
E70	PH of Aqueous Solutions with Glass Electrodes	6-10 PH
D6378	Vapor Pressure (VPX), mm Hg @ 25° C (77° F)	22-26 mm Hg
D36	Softening Point of Emulsion Residue (Ring and Ball Apparatus)	> 200° F
D562	Viscosity using a Stormer-Type Viscometer	60-110 KU
D4060	Abrasion Resistance- Taber Abraser Dry Method	< 1% Loss
D522	Mandrel Bend Test of Attached Coatings	No Cracking
D870	Water Resistance of Coatings using Water Immersion	No Delamination
D6904	Resistance to Wind-Driven Rain	No Delamination
D4585	Water Resistance of Coatings Using Controlled Condensation	No Delamination

D1735	Water Resistance of Coatings Using Water Fog Apparatus	No Delamination
D2247	Water Resistance of Coatings in 100% Relative Humidity	No Delamination
D4541	Adhesion Strength over Asphalt Pavement	> 200 PSI
D3910-6.4	Wet Track Abrasion Test	< 15 g/ft² Loss
D2939-5	Uniformity of Emulsified Bituminous Coatings	PASS
D2939-7	Weight per Gallon	9-11 lbs./gal
D2939-8	Residue by Evaporation, %	40-60%
D2939-13	Drying Time- 50% humidity, 73.4 ± 3.6°F. Firm in 24 hrs.,	PASS
D2939-14	Resistance to Heat- No Blistering, sagging or slipping	PASS
D2939-15	Resistance to water- No softening, delamination or re-emulsification	PASS
D2939-10	Ash Content of Residue, %	40-65%
D95	Water Content %	40-60%
D2939-22	Wet Film Continuity	PASS
D2939-16	Flexibility- No Cracking or Delamination	PASS
D2939-26	Resistance to Impact- No Chipping, Cracking or Delamination	PASS
D2939-27	Resistance to Impact After Accelerated Weathering	PASS
D2172	Asphalt Content by Weight, %	Min. 16%
D4799	QUV UV Aging-1,000 Hours	No Color Fade
D3359	Measuring Adhesion by Tape- No More than a Trace of Peeling	PASS
Volatile Organic Compounds	Determination of Volatile Organic Compounds (VOC) in various Coatings	< 10 g/l
PAH Content (Percentage)	Polycyclic Aromatic Hydrocarbon Content (Percentage)	Less than one-tenth of 1% (< .10%)

Table 2 - Physical Properties Of Liquid Road Job-Mixed With Specified Aggregate And Ready For Parking Lots Application (See Table 3 For Aggregate Specifications)		
ASTM	Test Description	Result
D2939-8	Residue by Evaporation, %	45-65%
E303	Measuring Surface Frictional Properties- British Pendulum Tester	Min. 60 BPN
E274	Locked Wheel Skid Testing	> 30 SN
D4060	Abrasion Resistance- Taber Abraser Dry Method	< 1% Loss
D3910-6.4	Wet Track Abrasion Test	< 25g/ft² Loss
D5	Penetration of Bituminous Materials-Base Asphalt	12-45 Pen
D113	Ductility of Bituminous Materials-Base Asphalt	5-15 cm
Std. %	Percent Polymer Solids to Asphalt by wt.	3% min.
E70	PH of Aqueous Solutions with Glass Electrodes	6-10 PH
D6378	Vapor Pressure (VPX), mm Hg @ 25° C (77° F)	22-26 mm Hg
D36	Softening Point of Emulsion Residue (Ring and Ball Apparatus)	> 200° F
Table 2 - Physical Properties Of Liquid Road Job-Mixed With Specified Aggregate And Ready For Parking Lots Application Continued (See Table 3 For Aggregate Specifications)		

LIQUID ROAD For Application on Parking Lots

SMT-332

REVISED 04/06/23

ASTM	Test Description	Result
D562	Viscosity using a Stormer-Type Viscometer	60-110 KU
D870	Water Resistance of Coatings using Water Immersion	No Delamination
D6904	Resistance to Wind-Driven Rain	No Delamination
D4585	Water Resistance of Coatings Using Controlled Condensation	No Delamination
D1735	Water Resistance of Coatings Using Water Fog Apparatus	No Delamination
D2247	Water Resistance of Coatings in 100% Relative Humidity	No Delamination
D4541	Adhesion Strength over Asphalt Pavement	> 200 PSI
D2939-7	Weight per Gallon	10-12 lbs./gal
D2939-13	Drying Time- 50% humidity, 73.4 ± 3.6°F. Firm in 24 hrs.	2-6 Hrs.
D2939-14	Resistance to Heat- No Blistering, sagging or slipping	PASS
D2939-15	Resistance to water- No softening, delamination or re-emulsification	PASS
D2939-16	Flexibility- No Cracking or Delamination	PASS
D2939-26	Resistance to Impact- No Chipping, Cracking or Delamination	PASS
D2939-27	Resistance to Impact After Accelerated Weathering	PASS
D4799	QUV UV Aging-1,000 Hours	No Color Fade
D3359	Measuring Adhesion by Tape- No More than a Trace of Peeling	PASS
Volatile Organic Compounds	Determination of Volatile Organic Compounds (VOC) in various Coatings	< 10 g/l
D2935-5	Uniformity	PASS
D2935-22	Wet Film Continuity	PASS
D95	Water Content, %	35-55%
D2939-10	Ash Content of Residue, %	60-75%

SURFACE PREPARATIONS

Surface must be clean and free from loose material and dirt. Cracks should be filled with SealMaster Cold Pour or Hot-Applied Crack Filler. Oil stains should be cleaned and primed with SealMaster Oil Spot Primer.

APPLICATION EQUIPMENT

Liquid Road shall be applied by mechanical squeegee/brush equipment and spray equipment capable of spraying coatings with sand. Equipment shall have continuous agitation or mixing capabilities to maintain homogenous consistency of Liquid Road and Aggregate mixture throughout the application process. Truck mount or self-propelled squeegee/brush equipment shall have at least 2 squeegee or brush devices (one behind the other) to assure adequate distribution and penetration of Liquid Road into bituminous pavement. Hand squeegees and brushes shall be acceptable in areas where practicality prohibits the use of mechanized equipment.

Table 3 - Liquid Road Aggregate Specifications For Parking Lot Application	
Mesh-Sieve Size (ASTM E11)	Typical Mean Retained On Individual Sieves %
No. 12 Mesh (1.68 mm)	-0-
No. 16 Mesh (1.19 mm)	0-5%
No. 20 Mesh (.841 mm)	5-15%
No. 30 Mesh (.595 mm)	30-50%
No. 40 Mesh (.420 mm)	30-50%
No. 50 Mesh (.297 mm)	2-10%
No. 70 Mesh (.210 mm)	1-5%
No. 100 Mesh (.149 mm)	0-5%
Sand or Aggregate shall have a typical AFS of 23-27 Mesh	

MIXING PROCEDURES

For application on parking lots mix Liquid Road in accordance with the following mix design (based on 100 gallons of Liquid Road for ease of calculation):
 Liquid Road..... 100 gallons
 Sand (20-30 mesh)..... 400 lbs.

NOTE: See Table 3 – Liquid Road Aggregate Specification for Parking Lot Application

APPLICATION PROCEDURES

To achieve optimum performance and the desired results for Liquid Road it is important to follow proper application procedures. Liquid Road is a three coat process.

1.) Apply, by squeegee application, the first coat of mixed Liquid Road and Sand to all drive lanes, entrances, exits and high traffic areas (excluding parking stalls) at a rate of 45-55 square feet (5-6 square yards) per gallon. Allow first coat to dry thoroughly before applying the second coat.
 2.) Apply, by squeegee, the second coat of mixed Liquid Road and Sand to the entire pavement surface at a rate of 45-55 square feet (5-6 square yards) per gallon. Allow second coat to dry thoroughly before applying the third finish coat.

3.) Apply, by spray application, the third coat (finish coat) of mixed Liquid Road and Sand to the entire pavement surface at a rate of 45-55 square feet (5-6 square yards) per gallon. Allow final coat of Liquid Road to dry 24 hours prior to opening to traffic.

APPLICATION CONDITIONS

Liquid Road shall not be applied when temperature is expected to drop below 50°F during application and for a period of at least 24 hours after application.

LINE STRIPING AND TRAFFIC MARKINGS

Use SealMaster 100% Acrylic Traffic paint for line striping and traffic markings.

LIQUID ROAD

For Application on Parking Lots

SMT-332

REVISED 04/06/23

CAUTIONS

Both surface and ambient temperature shall be a minimum of 50°F and rising during Liquid Road application. Do not apply if temperature is expected to drop below 50°F within a 24 hour period after Liquid Road application.

PACKAGING AND AVAILABILITY

Liquid Road is available in 5-gallon pails, 55-gallon drums and bulk tanker load quantities. Liquid Road is supported by a national network of SealMaster manufacturing facilities along with a national network of qualified applicators.

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.

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Phone: 1-800-395-7325

www.sealmaster.net

LDC Paving Incorporated

10071 Windfern Rd
Houston, TX 77064-5812 USA
+18324070144
estimates@ldcpaving.com



Estimate

ADDRESS	SHIP TO	ESTIMATE	18804
City of League City	City of League City	DATE	05/06/2026
Accounts Payable Dept	Accounts Payable Dept		
300 West Walker St	300 West Walker St		
League City, TX 77573	League City, TX 77573		
SALES REP	JOB LOCATION		
Chad	City Hall Annex to The Library		

ACTIVITY	QTY	RATE	AMOUNT
City Hall Annex to The Library asphalt parking lots			
Asphalt Patch	5,000	5.00	25,000.00
AREAS TO BE DETERMINED 5000sf TOTAL MINIMUM			
1. Mill, remove severely deteriorated asphalt where necessary and haul off debris.			
2. Inspect and repair subgrade at full depth where necessary.			
3. Apply prime tack coat to subgrade.			
4. Install and compact 2 inches of Type D hot mix asphalt to areas prepared for repair.			
5. Pricing is based on a flat rate price/sf 5000sf minimum.			
❖ Terms	1	0.00	0.00
4 working day job completion required. Payment per terms upon job completion.			

City representative responsible to remove any vehicles and/or obstructions from parking areas to be serviced. Any vehicles/obstructions extending the job completion will result in a \$2500.00 mobilization charge (per additional mobilization) to complete the above project

SUBTOTAL	25,000.00
TAX	0.00
TOTAL	\$25,000.00

Accepted By

Accepted Date