



CITY OF KYLE

100 W. Center St.
Office (512) 262-3958

Kyle, Texas 78640
Fax (512) 262-3915

MEMORANDUM

TO: Scott Sellers, City Manager

FROM: Leon Barba, P.E., City Engineer *LB*

DATE: July 18, 2016

SUBJECT: 2016 Miscellaneous Streets Micro-Surfacing Project

Public bids were received on July 14, 2016 from two bidders for the referenced project. There are a limited number of contractors in the state who do this type of work.

The scope of the work is the application of a polymer-modified emulsion micro-surfacing seal and related striping to the following roads:

- Witte – FM 2770 to McNaughton
- Waterleaf Blvd. – FM 150 to New Bridge Drive
- City Lights Drive – Marketplace Avenue to IH 35
- Sledge Street – W. Center Street to Opal Lane
- Downing Way – Dacy Lane to Waterloo Drive
- Kyle Parkway – IH 35 to Dacy Lane

The low bid is from Viking Construction, Inc. and they have been in business for over 24 years. Their specialty is micro-surfacing and slurry seal. They completed the work on all of our previous contracts and have done good work.

Therefore, I recommend award of this contract to the low bidder, Viking Construction, Inc., in the amount of \$266,358.95

The contractor intends to complete this work later this year around October, 2016.

Please let me know if you need any additional information.

Xc: James Earp, Assistant City Manager
Harper Wilder, Public Works Dept.
Perwez Moheet, Finance Dept.

Attachments: Bid Tabulation Sheet and Maps of Project Area

BID TABULATION

CITY OF KYLE
MISCELLANEOUS MICRO SURFACING PROJECT
SN BID ITEM

DATE: July 14, 2016
TIME: 2:00 PM
Viking Construction Inc.
2592 Shell Road
Georgetown, TX 78626

ITEM DESCRIPTION

Intermountain Slurry Seal Inc
701 East Main Street
Lewisville, TX 75057

TOTAL AMOUNT BASE BID SCHEDULE
(Sum of Items 1 through 12)

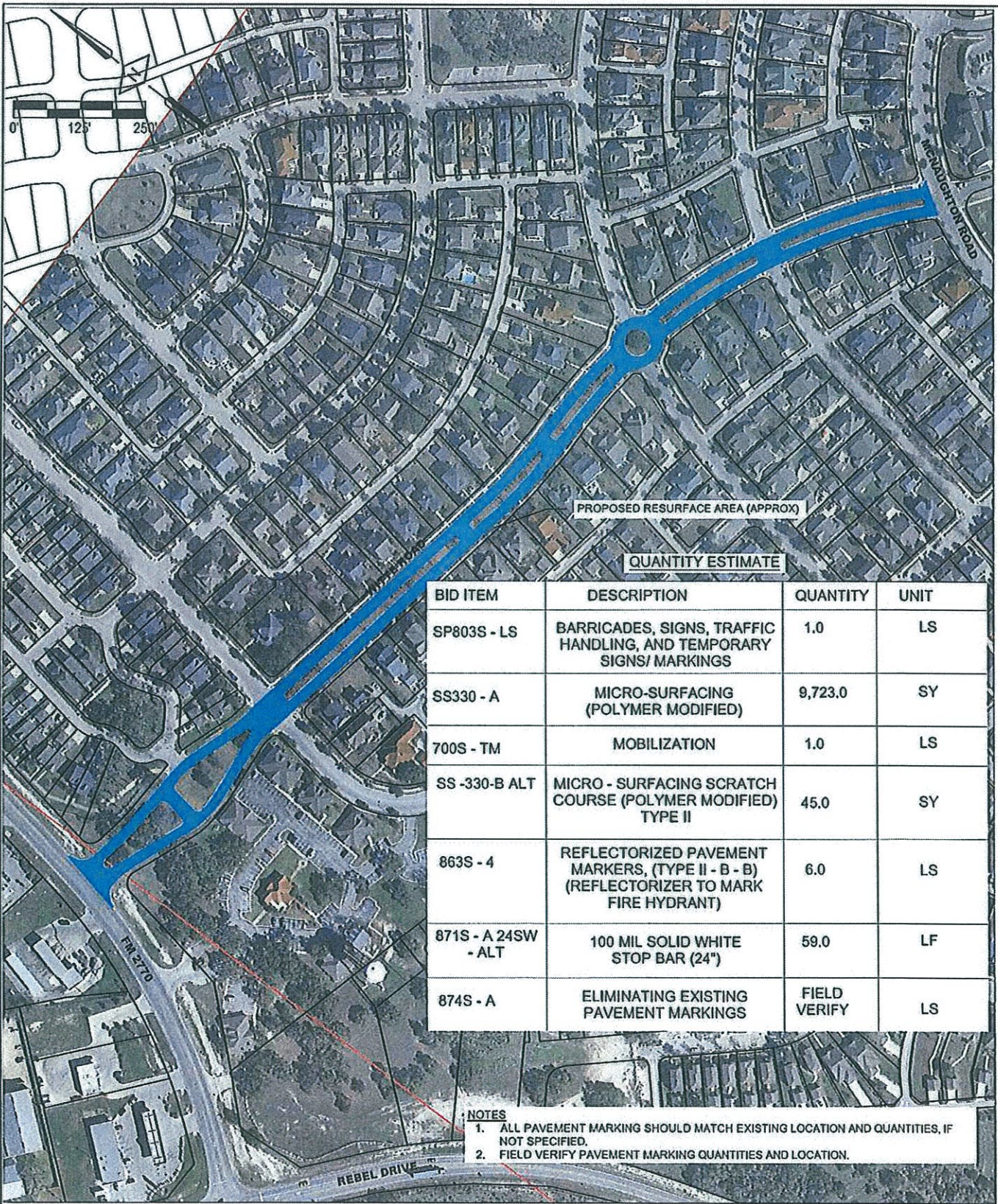
SN	BID ITEM	ITEM DESCRIPTION	PLAN QUANTITY	UNIT	PRICE (\$)	AMOUNT (\$)	PLAN QUANTITY	UNIT	PRICE (\$)	AMOUNT	
1	SP8035-LS	Barricades, Signs, Traffic Handling, and Temporary Signs/Markings	EA 5.0		330.00	1650.00			1000.00	5000.00	
2	SS330-A	Micro-Surfacing (Polymer Modified), Type II Mod., at rate of 25 lbs/SY	SY 53956.0		2.58	139206.48			2.90	156472.40	
3	700S-TM	Mobilization	LS 1.0		15000.00	15000.00			40000.00	40000.00	
4	SS330 - B - ALT	Micro-Surfacing scratch course (Polymer Modified) Type II	SY 435.0		5.00	2175.00			18.00	7830.00	
5	863S-4	ReflectORIZED pavement markers,(Type II-B-B) (ReflectORIZER to mark Fire Hydrant)	EA 24.0		7.87	188.88			7.50	180.00	
6	871S-A12SW-ALT	ReflectORIZED Type I pavement marking, 12 inch, 100 mil solid white (Pedestrian crossing)	LF 183.0		2.99	547.17			2.85	521.55	
7	871S-A24SW-ALT	ReflectORIZED Type I pavement marking, 24" wide, 100 mil solid white (stop bar)	LF 220.0		6.17	1357.40			8.00	1760.00	
8	871S-A45Y-ALT	ReflectORIZED Type I pavement markings, 4" solid Yellow, 100 mil (middle lane)	LF 1416.0		0.78	1104.48			1.00	1416.00	
9	871S-A-4YB	ReflectORIZED Type I pavement markings, ReflectORIZED 4" Dashed Yellow, 100 mil (middle lane)	LF 1416.0		0.78	1104.48			0.75	1062.00	
10	871S-C	ReflectORIZED Type I pavement markings, (arrow symbol), 8" in width, 100 mils thickness, white in color	EA 1.0		152.25	152.25			145.00	145.00	
11	871S-A45Y-ALT	ReflectORIZED Type I pavement markings, 4" solid yellow island (150 LF -hatch)	LS 1.0		157.50	157.50			150.00	150.00	
12	874S-A	Eliminating existing pavement markings, all widths (approx length = 1,000 ft)	LS 1.0		787.50	787.50			1000.00	1000.00	
						BASE BID SUM					\$ 163,431.14

ITEM DESCRIPTION

Viking Construction Inc.
2592 Shell Road
Georgetown, TX 78626

TOTAL AMOUNT ALTERNATE BID 1 SCHEDULE
(Sum of Items 1 through 14)

SN	BID ITEM	ITEM DESCRIPTION	PLAN QUANTITY	UNIT	PRICE (\$)	AMOUNT (\$)	PLAN QUANTITY	UNIT	PRICE (\$)	AMOUNT	
1	SP8035-LS	Barricades, Signs, Traffic Handling, and Temporary Signs/Markings	EA 1.0		2000.00	2000.00			3000.00	3000.00	
2	SS330-A	Micro-Surfacing (Polymer Modified), Type II Mod., at rate of 25 lbs/SY	SY 28000.0		2.58	72240.00			2.60	72800.00	
3	700S-TM	Mobilization	LS 1.0		1.00	1.00			5000.00	5000.00	
4	SS330 - B - ALT	Micro-Surfacing scratch course (Polymer Modified) Type II	SY 78.0		5.00	390.00			18.00	1404.00	
5	863S-4	ReflectORIZED pavement markers,(Type II-B-B) (ReflectORIZER to mark Fire Hydrant)	EA 7.0		7.87	55.09			7.50	52.50	
6	871S-A12SW-ALT	ReflectORIZED Type I pavement marking, 12 inch, 100 mil solid white (Pedestrian crossing)	LF 1251.0		2.89	3615.39			2.75	3440.25	
7	871S-A24SW-ALT	ReflectORIZED Type I pavement marking, 24" wide, 100 mil solid white (stop bar)	LF 406.0		6.03	2448.18			8.00	3248.00	
8	871S-A4BW-ALT	ReflectORIZED Type I pavement markings, 4" broken white, 100 mil (Lane separator)	LF 13600.0		0.38	5168.00			0.40	5440.00	
9	871S-A4SW-ALT	ReflectORIZED Type I pavement markings, 4" solid white, 100 mil (Lane separator)	LF 745.0		0.42	312.90			0.40	298.00	
10	871S-88W	ReflectORIZED Type I (direction word "ONLY"), 8" white, 100 mil	EA 13.0		183.75	2388.75			175.00	2275.00	
11	871S-C	ReflectORIZED Type I arrow symbol, 8" white 100 mil	EA 16.0		152.25	2436.00			145.00	2320.00	
12	871S-A4BW-ALT	ReflectORIZED Type I pavement markings, 4" solid white (400 LF - hatch)	LS 2.0		525.00	1050.00			500.00	1000.00	
13	874S-A	Eliminating existing pavement markings, all widths (approx length = 16,002 ft)	LS 1.0		7822.50	7822.50			7450.00	7450.00	
14	6001	2 - Portable Changeable Message Sign	DAY 30.0		100.00	3000.00			50.00	1500.00	
						ALTERNATE BID 1 SUM					\$ 109,227.75
						TOTAL AMOUNT BID					\$ 266,358.95
						TOTAL AMOUNT					\$ 324,764.70



PROPOSED RESURFACE AREA (APPROX)

QUANTITY ESTIMATE

BID ITEM	DESCRIPTION	QUANTITY	UNIT
SP803S - LS	BARRICADES, SIGNS, TRAFFIC HANDLING, AND TEMPORARY SIGNS/ MARKINGS	1.0	LS
SS330 - A	MICRO-SURFACING (POLYMER MODIFIED)	9,723.0	SY
700S - TM	MOBILIZATION	1.0	LS
SS -330-B ALT	MICRO - SURFACING SCRATCH COURSE (POLYMER MODIFIED) TYPE II	45.0	SY
863S - 4	REFLECTORIZED PAVEMENT MARKERS, (TYPE II - B - B) (REFLECTORIZER TO MARK FIRE HYDRANT)	6.0	LS
871S - A 24SW - ALT	100 MIL SOLID WHITE STOP BAR (24")	59.0	LF
874S - A	ELIMINATING EXISTING PAVEMENT MARKINGS	FIELD VERIFY	LS

NOTES

1. ALL PAVEMENT MARKING SHOULD MATCH EXISTING LOCATION AND QUANTITIES, IF NOT SPECIFIED.
2. FIELD VERIFY PAVEMENT MARKING QUANTITIES AND LOCATION.

WITTE ROAD RESURFACING (FM 2770 TO MCNAUGHTON)

S:\Engineering Dept\ROAD RESURFACING\RESURFACING - L.dwg, 6/20/2016 3:56:10 PM

 CITY OF KYLE ENGINEERING DEPARTMENT 120 W CENTER STREET KYLE, TX 78840 PH (817) 262-1216	ROAD RESURFACING PROJECT	WITTE ROAD (FM 2770 TO MCNAUGHTON) KYLE, TX	PROJECT: <u>15-16.4</u> DRAWN: <u>KYLE ENGINEERING</u> DATE: <u>5-31-2016</u>	SHEET 1
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QUANTITY ESTIMATE

PROPOSED RESURFACE AREA (APPROX)

BID ITEM	DESCRIPTION	QUANTITY	UNIT
SP803S - LS	BARRICADES, SIGNS, TRAFFIC HANDLING, AND TEMPORARY SIGNS/ MARKINGS	1.0	LS
SS330 - A	MICRO-SURFACING (POLYMER MODIFIED)	14,455.0	SY
700S - TM	MOBILIZATION	1.0	LS
SS -330-B ALT	MICRO - SURFACING SCRATCH COURSE (POLYMER MODIFIED) TYPE II	178.0	SY
863S - 4	REFLECTORIZED PAVEMENT MARKERS, (TYPE II - B - B) (REFLECTORIZER TO MARK FIRE HYDRANT)	7.0	LS
871S - A 24SW - ALT	100 MIL SOLID WHITE STOP BAR (24")	18.0	LF
874S - A	ELIMINATING EXISTING PAVEMENT MARKINGS	FIELD VERIFY	LS

NOTES

1. ALL PAVEMENT MARKING SHOULD MATCH EXISTING LOCATION AND QUANTITIES, IF NOT SPECIFIED.
2. FIELD VERIFY PAVEMENT MARKING QUANTITIES AND LOCATION.

WATERLEAF BLVD RESURFACING (FM 150 TO APRICOT DRIVE)



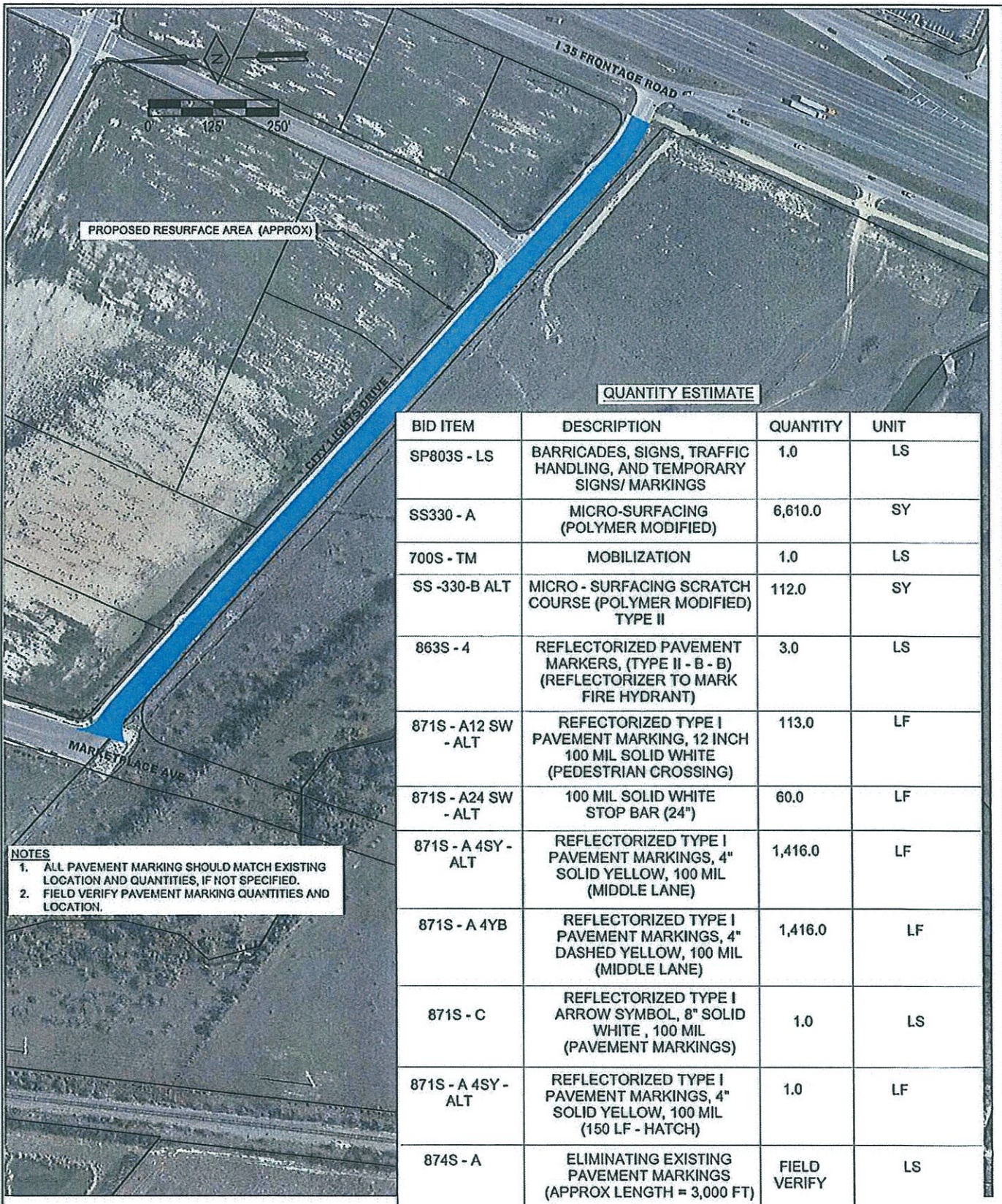
CITY OF KYLE
ENGINEERING DEPARTMENT
100 W CENTER STREET
KYLE, TX 78640
PH (817) 262-1225

ROAD RESURFACING PROJECT

WATERLEAF BLVD (FM 150 TO APRICOT DRIVE)
KYLE, TX

PROJECT: 15 - 16.4
DRAWN: KYLE ENGINEERING
DATE: 5-31-2016

SHEET 2



PROPOSED RESURFACE AREA (APPROX)

QUANTITY ESTIMATE

BID ITEM	DESCRIPTION	QUANTITY	UNIT
SP803S - LS	BARRICADES, SIGNS, TRAFFIC HANDLING, AND TEMPORARY SIGNS/ MARKINGS	1.0	LS
SS330 - A	MICRO-SURFACING (POLYMER MODIFIED)	6,610.0	SY
700S - TM	MOBILIZATION	1.0	LS
SS -330-B ALT	MICRO - SURFACING SCRATCH COURSE (POLYMER MODIFIED) TYPE II	112.0	SY
863S - 4	REFLECTORIZED PAVEMENT MARKERS, (TYPE II - B - B) (REFLECTORIZER TO MARK FIRE HYDRANT)	3.0	LS
871S - A12 SW -ALT	REFECTORIZED TYPE I PAVEMENT MARKING, 12 INCH 100 MIL SOLID WHITE (PEDESTRIAN CROSSING)	113.0	LF
871S - A24 SW -ALT	100 MIL SOLID WHITE STOP BAR (24")	60.0	LF
871S - A 4SY - ALT	REFLECTORIZED TYPE I PAVEMENT MARKINGS, 4" SOLID YELLOW, 100 MIL (MIDDLE LANE)	1,416.0	LF
871S - A 4YB	REFLECTORIZED TYPE I PAVEMENT MARKINGS, 4" DASHED YELLOW, 100 MIL (MIDDLE LANE)	1,416.0	LF
871S - C	REFLECTORIZED TYPE I ARROW SYMBOL, 8" SOLID WHITE, 100 MIL (PAVEMENT MARKINGS)	1.0	LS
871S - A 4SY - ALT	REFLECTORIZED TYPE I PAVEMENT MARKINGS, 4" SOLID YELLOW, 100 MIL (150 LF - HATCH)	1.0	LF
874S - A	ELIMINATING EXISTING PAVEMENT MARKINGS (APPROX LENGTH = 3,000 FT)	FIELD VERIFY	LS

NOTES

1. ALL PAVEMENT MARKING SHOULD MATCH EXISTING LOCATION AND QUANTITIES, IF NOT SPECIFIED.
2. FIELD VERIFY PAVEMENT MARKING QUANTITIES AND LOCATION.

CITY LIGHTS DRIVE (MARKET PLACE AVE TO I 35)



CITY OF KYLE
ENGINEERING DEPARTMENT
 100W CENTER STREET
 KYLE, TX 75540
 PH (957) 262-1210

ROAD RESURFACING PROJECT

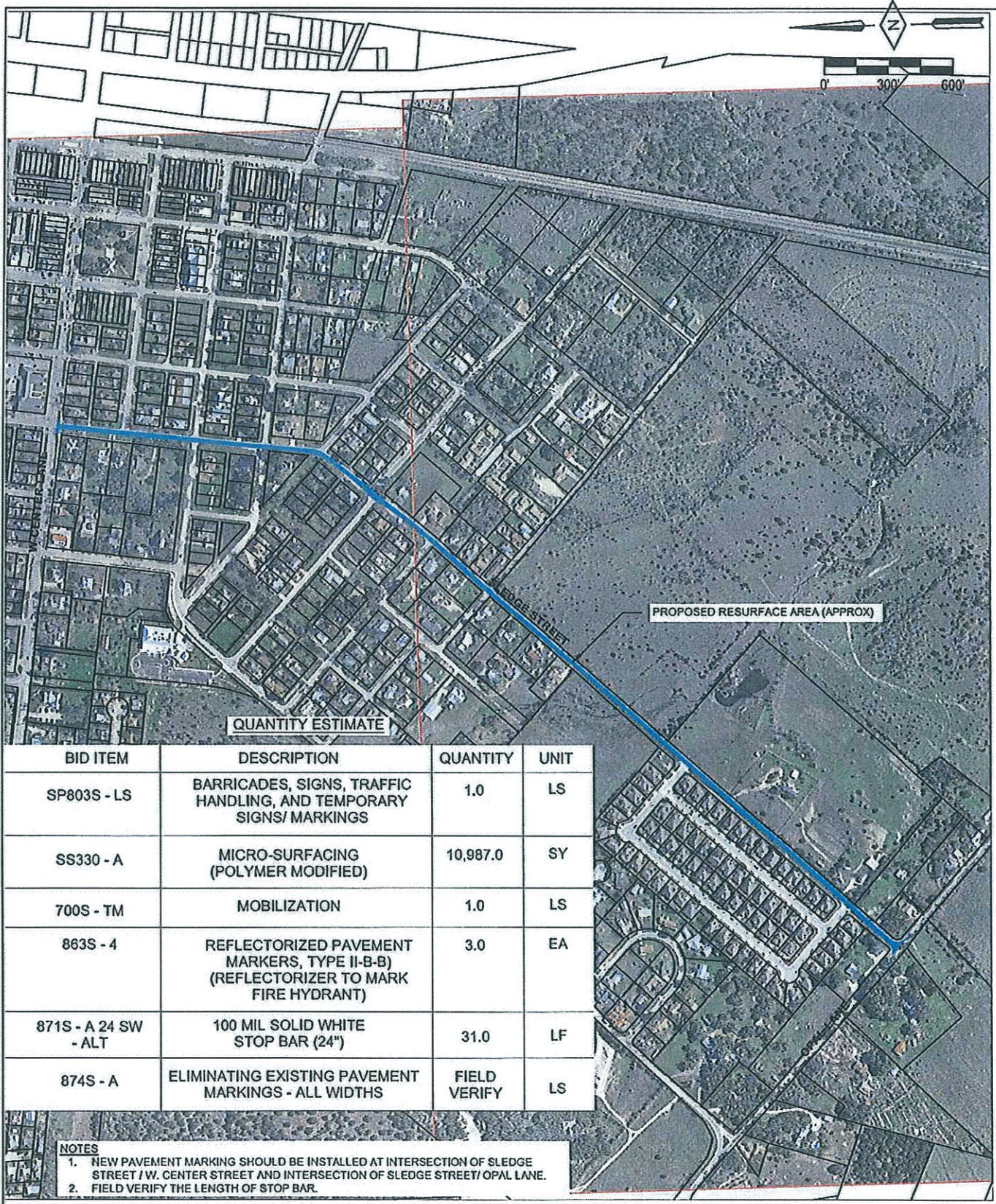
CITY LIGHTS DRIVE
(MARKET PLACE AVE TO I 35)
KYLE, TX

PROJECT: 15 - 16.4

DRAWN: KYLE ENGINEERING

DATE: 5-31-2016

SHEET 4



QUANTITY ESTIMATE

PROPOSED RESURFACE AREA (APPROX)

BID ITEM	DESCRIPTION	QUANTITY	UNIT
SP803S - LS	BARRICADES, SIGNS, TRAFFIC HANDLING, AND TEMPORARY SIGNS/ MARKINGS	1.0	LS
SS330 - A	MICRO-SURFACING (POLYMER MODIFIED)	10,987.0	SY
700S - TM	MOBILIZATION	1.0	LS
863S - 4	REFLECTORIZED PAVEMENT MARKERS, TYPE II-B-B) (REFLECTORIZER TO MARK FIRE HYDRANT)	3.0	EA
871S - A 24 SW - ALT	100 MIL SOLID WHITE STOP BAR (24")	31.0	LF
874S - A	ELIMINATING EXISTING PAVEMENT MARKINGS - ALL WIDTHS	FIELD VERIFY	LS

- NOTES**
1. NEW PAVEMENT MARKING SHOULD BE INSTALLED AT INTERSECTION OF SLEDGE STREET / W. CENTER STREET AND INTERSECTION OF SLEDGE STREET/ OPAL LANE.
 2. FIELD VERIFY THE LENGTH OF STOP BAR.

SLEDGE ROAD (W CENTER STREET TO ROLAND LANE)



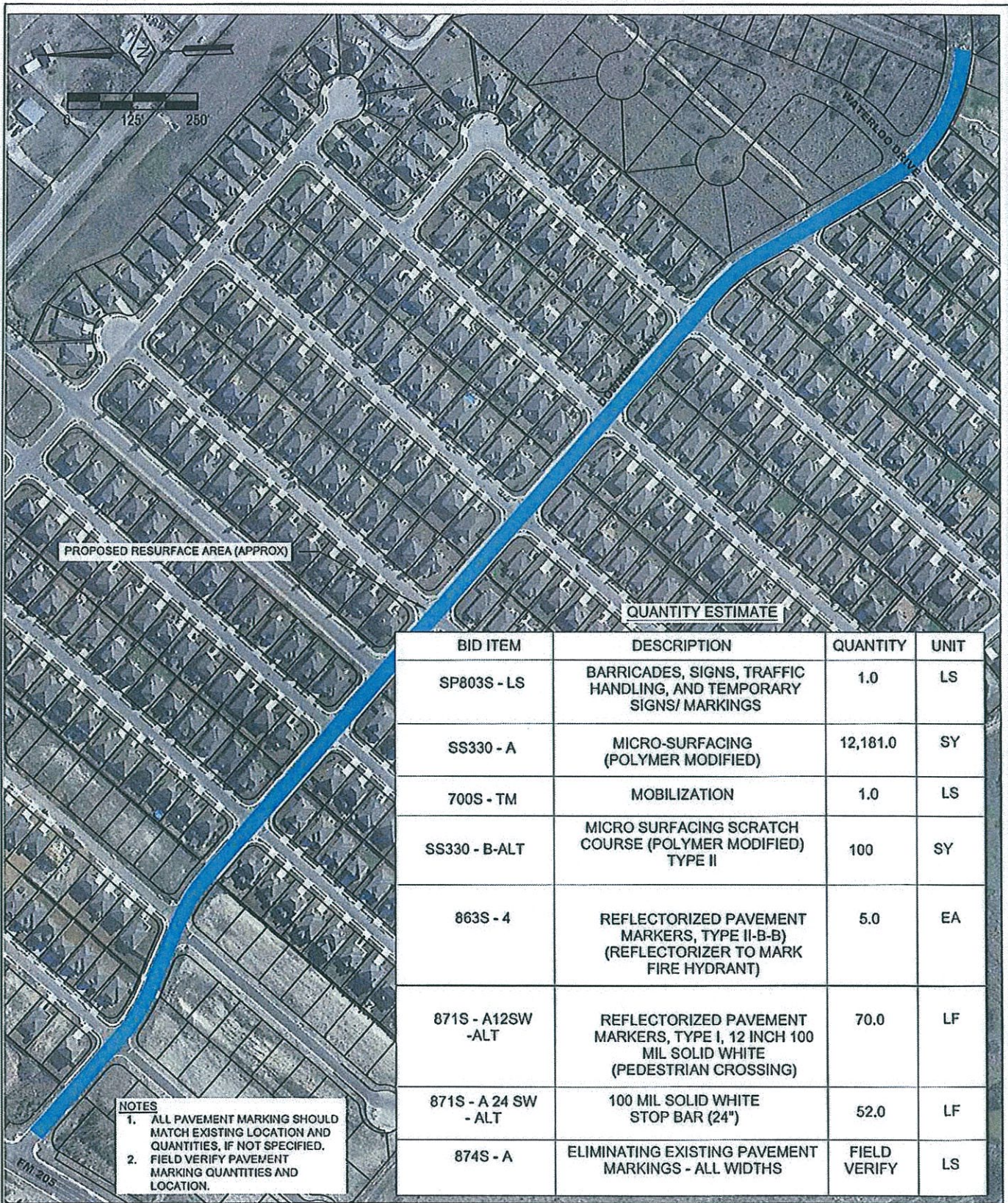
CITY OF KYLE
ENGINEERING DEPARTMENT
133W CENTER STREET
KYLE, TX 75141
PH (972) 262-1216

ROAD RESURFACING PROJECT

**SLEDGE ROAD
(W CENTER STREET TO ROLAND LANE)
KYLE, TX**

PROJECT: 15-16.4
DRAWN: KYLE ENGINEERING
DATE: 5-31-2016

SHEET 5



BID ITEM	DESCRIPTION	QUANTITY	UNIT
SP803S - LS	BARRICADES, SIGNS, TRAFFIC HANDLING, AND TEMPORARY SIGNS/ MARKINGS	1.0	LS
SS330 - A	MICRO-SURFACING (POLYMER MODIFIED)	12,181.0	SY
700S - TM	MOBILIZATION	1.0	LS
SS330 - B-ALT	MICRO SURFACING SCRATCH COURSE (POLYMER MODIFIED) TYPE II	100	SY
863S - 4	REFLECTORIZED PAVEMENT MARKERS, TYPE II-B-B) (REFLECTORIZER TO MARK FIRE HYDRANT)	5.0	EA
871S - A12SW -ALT	REFLECTORIZED PAVEMENT MARKERS, TYPE I, 12 INCH 100 MIL SOLID WHITE (PEDESTRIAN CROSSING)	70.0	LF
871S - A 24 SW - ALT	100 MIL SOLID WHITE STOP BAR (24")	52.0	LF
874S - A	ELIMINATING EXISTING PAVEMENT MARKINGS - ALL WIDTHS	FIELD VERIFY	LS

- NOTES**
1. ALL PAVEMENT MARKING SHOULD MATCH EXISTING LOCATION AND QUANTITIES, IF NOT SPECIFIED.
 2. FIELD VERIFY PAVEMENT MARKING QUANTITIES AND LOCATION.

DOWNING WAY (FM 205 TO WATERLOO DRIVE)



CITY OF KYLE
 ENGINEERING DEPARTMENT
 100 W CENTER STREET
 KYLE, TX 78143
 PH (512) 263-1515

ROAD RESURFACING PROJECT

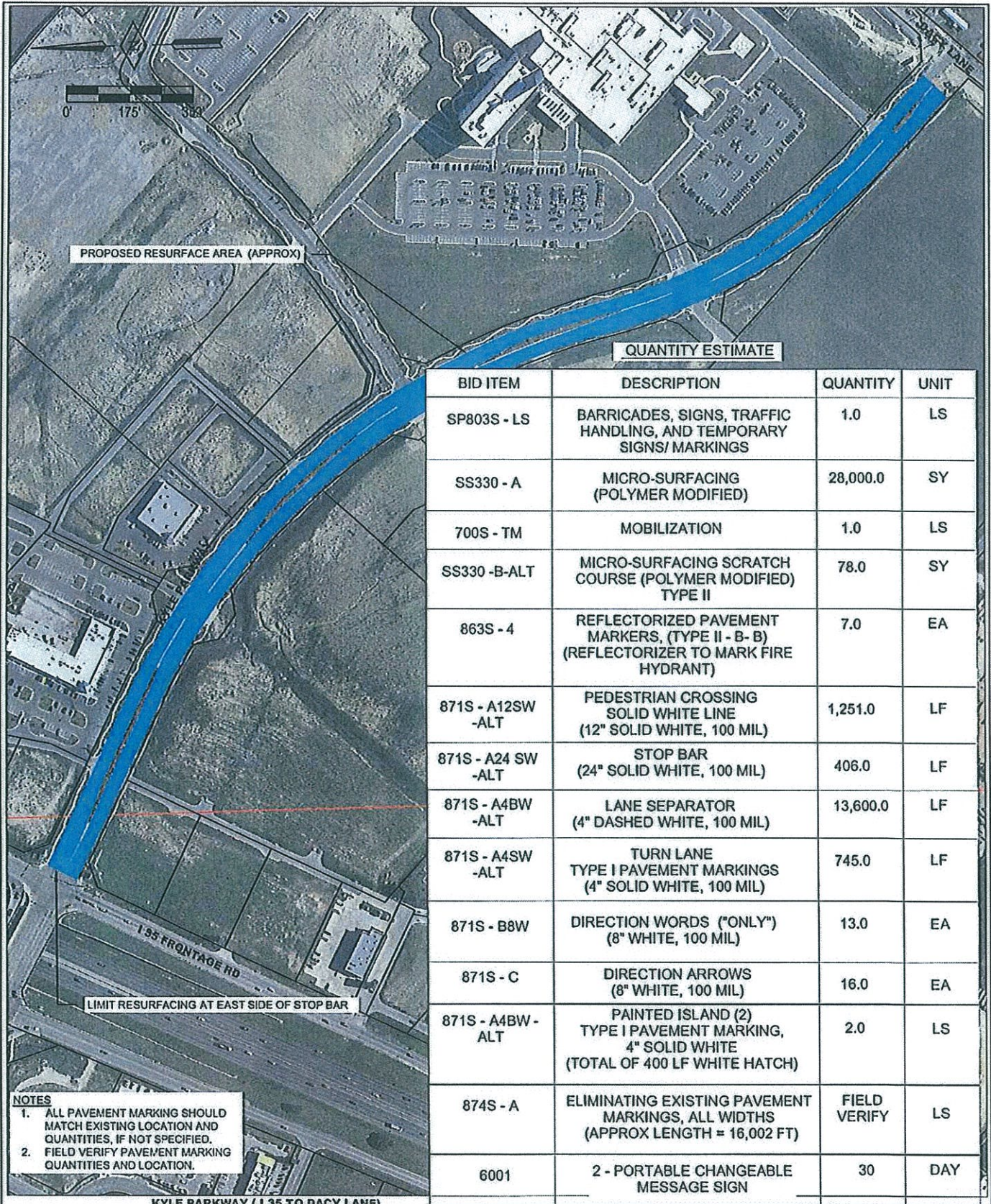
DOWNING WAY
 (FM 205 TO WATERLOO DRIVE)
 KYLE, TX

PROJECT: 15 - 16.4

DRAWN: KYLE ENGINEERING

DATE: 5-31-2016

SHEET 6



NOTES
 1. ALL PAVEMENT MARKING SHOULD MATCH EXISTING LOCATION AND QUANTITIES, IF NOT SPECIFIED.
 2. FIELD VERIFY PAVEMENT MARKING QUANTITIES AND LOCATION.

KYLE PARKWAY (I 35 TO DACY LANE)



ROAD RESURFACING PROJECT

**KYLE PARKWAY (I 35 TO DACY LANE)
 KYLE, TX**

**PROJECT: 15 - 16.4
 DRAWN: KYLE ENGINEERING
 DATE: 5-31-2016**

SHEET 3

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