



Town of Atherton

CITY COUNCIL STAFF REPORT – CONSENT AGENDA

**TO: HONORABLE MAYOR AND CITY COUNCIL
GEORGE RODERICKS, CITY MANAGER**

FROM: MICHAEL KASHIWAGI, COMMUNITY SERVICES DIRECTOR

DATE: FEBRUARY 19, 2014

**SUBJECT: APPROVAL OF PLANS AND SPECIFICATIONS AND
AUTHORIZATION TO ADVERTISE FOR THE 2014 MICRO-
SURFACE SEAL PROJECT**

RECOMMENDATION

Approve the plans and specifications and authorize advertisement for bids for the 2014 Micro-Surface Seal Project, Project No. 56058.

BACKGROUND | FINDINGS

The FY 2013-2014 Capital Improvement Program includes funds for street maintenance. This project entails performing a micro-surface seal along various streets in Atherton. It also includes replacement of all striping, raised pavement markers and other associated pavement markings within the project boundaries.

A micro-surface (oil and sand mixture) is applied over the top of the existing pavement, and is rolled into place with rubber tired rollers. Upon curing, the result is a street that is impervious to water as well as having about 1/4" of new wearing surface added to the top. This surface will remain flexible for years, and as cracks, if any, work their way up from the sub-base of the road they are filled by the pliable material. Micro-surface seals last approximately five years depending on the preventative maintenance treatment and the traffic impact on each street. The street drainage pattern will not change by this micro-surface seal application; storm-water runoff will continue to flow from the crown of the road to the edge of pavement and from there, flow downstream.

This project is a major component of the Town's preventative maintenance program, which assures that good streets (streets with a pavement condition index of 60+) receive treatments, which will increase their lifespan. These treatments prolong the street's useful

life and preclude the need for costly and disruptive street rehabilitation projects almost indefinitely.

The 2014 Micro-Surface Seal project is budgeted for construction in FY 2013-14. Project plans and specifications are ready to be advertised for construction. The project is expected to begin construction by June 2014 and be completed by August 2014.

Neighborhood Notifications and Performance

In response to concerns regarding road closure notification from City Council and some residents, staff will widely publicize the micro-surface seal program through a multi-media approach using the Athertonian, the Town's website and individual mailers. The contractor's responsibilities include: door-hanger notifications; signage; and the placement of barricades at 100-foot maximum intervals on each street at least forty-eight hours prior to work being performed. These barricades will include no parking signs and road closure schedules along with contact information. A list and map of the areas affected and timing of the project will be added to the Town's website and distributed via the Town's electronic news network.

The contractor's efforts will also include, for the first time, construction signage (4FTx6FT) at the ends of each street segment and at the entrance to each cul-de-sac stating the road closure date and time and the contractor's contact information. Also for the first time, an administrative penalty of \$1000 per street segment not completed on the date specified by the contractor's schedule will be incorporated into the construction contract.

The contract will also include a Town-specified construction schedule. This schedule will reflect a realistic schedule of work and provide a higher level of control of the contractor's activities. Failure to meet the daily schedules identified in the contract specifications will result in the assessment of the administrative penalty. Staff believes this change will create an improved system of contractor performance and accountability to help mitigate impacts to the community as a result of the project.

FISCAL IMPACT

Parcel Tax funds in the amount of \$350,000 are budgeted for this project in FY 2013-14. The Engineer's Estimate for the 2014 Cape Seal Project is \$333,000.

Prepared By:

Approved:

Michael Kashiwagi, P.E.
Community Service Director

George Rodericks
City Manager

Attachments: Attachment A – List of streets to be sealed/striped
Attachment B/C – Map of streets to be sealed (project Title Sheet)

Attachment A - Micro Slurry Street List

RoadName	BegLocation	EndLocation
AMADOR AV	STOCKBRIDGE AV	ALMENDRAL AV
ATHERTON AV	S/O ATHERTON AV	END
BRITTANY MEADOWS	ALEJANDRA AV	END
BROADACRES RD	WALSH RD	END
CAMINO A LOS CERROS	WEST CITY LIMIT	COWELL LN
CAMINO AL LAGO LN	ALAMEDA DE LAS PULGAS	BARNEY PVMT CHG
CATALPA DR	LINDEN	ACACIA (PVMT CHANGE)
CATALPA DR	JAMES AV	ACORN WY
CEBALO LN	SELBY LN	END
COGLAN LN	SELBY LN	END
DEODORA DR	GREENOAKS DR	GREENOAKS DR
ELENA AV	FAXON	PARK LN
ELENA AV	ATHERTON AV	ISABELLA AVE
ELENA AV	ISABELLA AV	FAXON
ENCINAL AV	MID LAUREL AV	PVMT CHANGE W/O SCHOOL
ENCINO RD	OAK GROVE AV	END
FAXON FORREST	FAXON RD (WEST)	WEST END
FAXON RD	BARRY LN	ELENA AV
IRVING AV	IRVING AV	END
JAMES AV	JAMES AV	END
JAMES AV	MAGNOLIA DR	GREENOAKS DR
LANE PL	MIDDLEFIELD RD	END
LANE PL	LANE PL	END
LLOYDEN DR	EL CAMINO REAL	BELLEAU AV
LLOYDEN DR	BELLEAU AV	FAIR OAKS LN
LOGAN LN	SELBY LN	END
MAGNOLIA DR	IRVING AV	JAMES AV
MANZANITA RD	OAK GROVE AV	END
MEADOW LN	WALSH RD	END
MT VERNON	FAIR OAKS LN	END
OAK DR	ENCINA AVENUE	SAN BENITO AVE
QUAIL CT	RINGWOOD AV	END
RIDGEVIEW DR	FLETCHER	ALTA VISTA DR
RINGWOOD AV	MIDDLEFIELD RD	430' E/O MIDDLEFIELD
RITTENHOUSE AV	WILBURN AV	LLOYDEN DR
SAN BENITO AV	MIDDLEFIELD RD	OAK AVENUE
SELBY LN	S/O 140 SELBY LN	WEST END
STOCKBRIDGE AV	PARKER AV	SELBY LN
STOCKBRIDGE AV	ALEMADA DE LAS PULGAS	PARKER AV
STOCKBRIDGE AV	SELBY LN	SERRANO DR
VIRGINIA LN	FAIR OAKS LN	END
WALSH RD	WALSH RD	END

NO.	DATE	DESCRIPTION	BY
1		PLANS FOR BID	DOH

REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	
TOWN OF ATHERTON DEPARTMENT OF PUBLIC WORKS 31 ASPENFIELD ROAD ATHERTON, CA 94027	

THIS PLAN WAS PREPARED UNDER MY DIRECTION APPROVED BY:

DESIGN	By D. HUYNH	Checked M. KASHIWAGI
QUANTITIES	By D. HUYNH	Checked M. KASHIWAGI

TOWN OF ATHERTON
DEPARTMENT OF PUBLIC WORKS

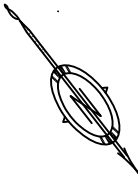
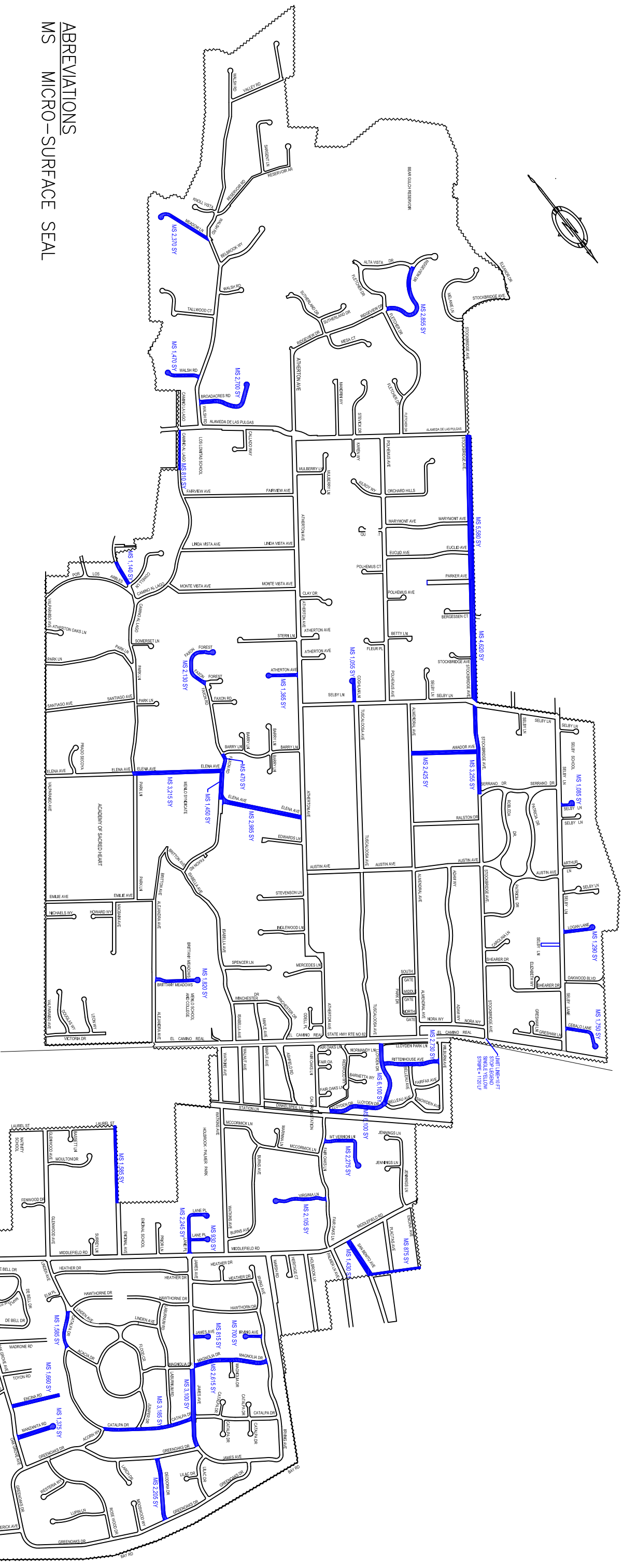


2013 MICRO-SURFACE SEAL PROJECT

TITLE SHEET

DWG NO. 01/27/14 SHEET 1 OF 2

ABBREVIATIONS
MS MICRO-SURFACE SEAL



TOWN OF ATHERTON
2014 MICRO-SURFACE SEAL
PROJECT #56058