#### City of Northville Municipal Pavement Management System Report 2013 Update

# APPENDIX H





Engineering Consultant

frastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



(now what's **below**. **Call** before you dig

RICH METONAL TION LOSGLOSED TO THIS FIRM BY THE RANGOUS CHILLY COMPANES, CITY/COUNTY AGENCIES AND OTHER VARIOUS SCURES. UNDERROCKING UITLINES NO OTHER VARIOUS SCURES. UNDERROCKING UITLINES HER LISA LEY NOT ELIBEATED UPON A UTILLY COMPANY'S PUBLISHED FOR AUTHOR FOR UITLINES HER LISA LEY NOT HER SURPEY, FOR APPROMIATED FROM FOUND PAINT MARKS, STAKES TO ALC AS LOCATED BY THIS FIRM FROM SURVES WHICH ELIBEATED BY THIS FIRM FROM SURVES WHICH ELIBEATED ACQUIRACY EMPLOYED.

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

FINIOR! 9 2013 STALING DEVICER ASSOCIATES, INC.
S DRAMMG AND THE SUBJECT MATTER CONTAINED
EREON IS PROPRETARY AND IS NOT TO BE USED OR
PRODUCED WITHOUT WRITTEN PERMISSION OF
ALDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2014 WORK PLAN \$350K BUDGET PLAN

DATE	RE	VISION
		DATE 02-13-13
		DATE
NSLEY		02-13-13
ED		DATE
T MANAGER		BID PLAN DATE
OVEL		
IMENT MANAGER	APPROVAL	DATE
VERIFY SCALES		
BAR IS ONE INCH ON ORIGINAL DRAWING		
	R SJEY ER SJEY	R SULEY ER SULEY D T MANAGER OVEL WERITY SCALE:

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOR NO. | DRAWING NO.





Engineering Consultants

nfrastructure • Land Development • Sus

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



(now what's **below**. **Call** before you dig

NOW INFORMATION ON THIS DRAWN MAY BE ONCE. INFORMATION DECLORED TO THIS FIRM BY THE PROPERTY OF THE OWNER OF THE OWNER OF THE OWNER OWNER OF THE OWNER OWNER

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

PTRIGHT 9 2013 STALDING DEDECRET ASSOCIATES, INC.
IS DRAWING AND THE SUBJECT MATTER CONTAINES,
EREON IS PROPRIETARY AND IS NOT TO BE USED OR
PRODUCED WITHOUT WRITTEN PERMISSION OF
ALDING DODECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2015 WORK PLAN \$350K BUDGET PLAN

NO.	DATE	RE	VISION
DRAFTE J. E	er NSLEY		DATE 02-13-13
DESIGN	ER		DATE
	NSLEY		02-13-13 DATE
CHECK	ED		DATE
	T MANAGER		BID PLAN DATE
	OVEL TMENT MANAGER	ADDROVAL	DATE
VERIFY SCALES			S
BA	BAR IS ONE INCH ON ORIGINAL DRAWING		

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOR NO. | DRAWING NO.

1" = 900'





Engineering Consultant

frastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



(now what's **below**. **Call** before you dig

RICH METONAL TION LOSGLOSED TO THIS FIRM BY THE RANGOUS CHILLY COMPANES, CITY/COUNTY AGENCIES AND OTHER VARIOUS SCURES. UNDERROCKING UITLINES NO OTHER VARIOUS SCURES. UNDERROCKING UITLINES HER LISA LEY NOT ELIBEATED UPON A UTILLY COMPANY'S PUBLISHED FOR AUTHOR FOR UITLINES HER LISA LEY NOT HER SURPEY, FOR APPROMIATED FROM FOUND PAINT MARKS, STAKES TO ALC AS LOCATED BY THIS FIRM FROM SURVES WHICH ELIBEATED BY THIS FIRM FROM SURVES WHICH ELIBEATED ACQUIRACY EMPLOYED.

XISTING UTILITIES (IN CONFLICT WITH PROPOSED DVEMENTS) SHALL BE VERIFIED IN THE FIELD.

3 WORKING DAYS PRIOR TO CONSTRUCTION.

THOUTH & 2013 STALDING DUDGER ASSOLATES, INC.

5 DRAMING AND THE SUBJECT MATTER CONTAINED
BEON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2016 WORK PLAN \$350K BUDGET PLAN

O. DATE	REVISION		
AFTER ENSLEY SIGNER	DATE 02-13-13		
. ENSLEY	DATE 02-13-13		
ECKED	DATE		
OJECT MANAGER . SOVEL PARTMENT MANAGER	BID PLAN DATE		
PARTMENT MANAGER	APPROVAL DATE		
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.

1" = 900"





Engineering Consultants

frastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



(now what's **below. Call** before you dig

ROM INFORMATION DISCUSSED TO THIS FIRM BY THE ARROUS UTILITY COMPANIES, CITY/COMITY AGENCIS AROUS UTILITY COMPANIES, CITY/COMITY AGENCIS NO OTHER VARIOUS SCURCES UNDERROCKION UTILITIES HERD LARGE HER USINALLY NOT ELEMENTE UPON A UTILITY COMPANY'S PUBLISHED LANS. THER LOCATION, IF SHOWN UTION HIS SURVEY, BE APPROXIMATED FROM FOUND PAINT MARKS, STAKES. TO AS LOCATED BY THIS FIRM FROM SURVEYS WHICH ELEMENT OF UTILITY OF UTILITY

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

PYNICH! © 2013 SPALDING DODICRER ASSOCIATES, INC.
S DRAMING AND THE SUBJECT MATTER CONTAINED
EREON IS PROPRIETARY AND IS NOT TO BE USED OR
PRODUCED WITHOUT WRITTEN PERMISSION OF
ALDING DODICKER ASSOCIATES, INC.

#### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2017 WORK PLAN \$350K BUDGET PLAN

	NSLEY			DATE 02-13-13
DESIGN J. EI	er NSLEY			DATE 02-13-13
CHECK	ED	T		DATE
T. S	T MANAGER OVEL			BID PLAN DATE
DEPAR*	IMENT MANAGER	API	PROVAL	DATE
			SCALES	
BA	R IS ONE INCH	Ŧ O	ORIG	INAL DRAWING
	IF NOT ONE I	NCH ALE:	S ACCC	RDINGLY
JOB NO	λ.		DRAWIN	IG NO.





Engineering Consultant

Infrastructure • Land Development • S

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNE MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE ARRIDUS UTILITY COMPANIES, CITY/COUNTY AGENCIES NO OTHER WARDLES SURGES, UNDERSTOOM UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USUALLY NOT LEMEATED UPON A UTILITY COMPANIES PUBLISHED LEMEATED UPON A UTILITY COMPANIES PUBLISHED FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR ASSOCIATION OF THE PROPERTY OF THE PROPERTY FOR ASSOCIATION OF THE PROPERTY FOR ASS

EXISTING UTILITIES (IN CONFLICT WITH PROPOSED IOVEMENTS) SHALL BE VERIFIED IN THE FIELD.

3 WORKING DAYS PRIOR TO CONSTRUCTION.

INDITI 9 2013 FILDING DEDECER ASSOCIATES, INC.
DRAWING AND THE SUBJECT MATTER CONTAINED
REON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
DING DADECKER ASSOCIATES, INC.

#### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2018 WORK PLAN \$350K BUDGET PLAN

NO. DATE REVISION

FTÉR ENSLEY		02-13-13
IGNER ENSLEY		DATE 02-13-13
CKED		DATE
NECT MANAGER SOVEL		BID PLAN DATE
ARTMENT MANAGER APPROVAL		DATE
VEDIEN CONTEC		

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY
JOB NO. | DRAWING NO.

NP11-040 NP11040WP

SCALE: SHEET NO.

1" = 900' WP5-\$350K





Engineering Consultant

nfrastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



(now what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNIC MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE ARRIUGUS UTILITY COMPANIES, CITY/COUNTY AGENCIES NO OTHER WANDOUS SOURCES, UNDERFORMATION UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USUALLY NOT LEMEATED IPON A UTILITY COMPANY'S PUBLISHED INC. APPRODUMENT FROM FORMATION PUBLISHED FOR APPRODUMENT FROM FORMATION SOURCES WHICH WE APPRODUMENT FROM FORMATION SOURCES WHICH INC. AS LICACIATE OF YHIS FIRM FROM SOURCES WHICH INC. AS LICACIATE OF ADJECTATION SOURCES WHICH INC. AS LICACIATE OR ADJECTATION SOURCES WHICH INC. ADJECTATION OF ADJECTATION SOURCES WHICH WHITE ADJECTATION OF ADJECTATION OF

XISTING UTILITIES (IN CONFLICT WITH PROPOSED DVEMENTS) SHALL BE VERIFIED IN THE FIELD.

3 WORKING DAYS PRIOR TO CONSTRUCTION.

TRIGHT & 2013 PALDING DEDUCER ASSOCIATES, INC.
DRAWING AND THE SUBJECT MATTER CONTAINED
REON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
DING BADECKER ASSOCIATES, INC.

#### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2019 WORK PLAN \$350K BUDGET PLAN

NO.	DATE	RE	VISION
DRAFTE			DATE
	NSLEY		02-13-13
DESIGN J. E	ER NSLEY		DATE 02-13-13
CHECK	ED		DATE
PROJEC	T MANAGER		BID PLAN DATE
	OVEL		
DEPAR	TMENT MANAGER	APPROVAL	DATE
	VER	FY SCALES	S
B/	BAR IS ONE INCH ON ORIGINAL DRAWING		

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.

1" = 900"





Engineering Consultant

Infrastructure • Land Development • S

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNE MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE ARRIDUS UTILITY COMPANIES, CITY/COUNTY AGENCIES NO OTHER WARDLES SURGES, UNDERSTOOM UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USUALLY NOT LEMEATED UPON A UTILITY COMPANIES PUBLISHED LEMEATED UPON A UTILITY COMPANIES PUBLISHED FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR ASSOCIATION OF THE PROPERTY OF THE PROPERTY FOR ASSOCIATION OF THE PROPERTY FOR ASS

R TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS XISTING UTILITIES (IN CONFLICT WITH PROPOSED OVEMENTS) SHALL BE VERIFIED IN THE FIELD. X WINDRING DAYS BRIDE TO CONSTRUCTION

FINIOR! 9 2013 STALING DEVICER ASSOCIATES, INC.
S DRAMMG AND THE SUBJECT MATTER CONTAINED
EREON IS PROPRETARY AND IS NOT TO BE USED OR
PRODUCED WITHOUT WRITTEN PERMISSION OF
ALDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2020 WORK PLAN \$350K BUDGET PLAN

O. DATE	KE	VISION	
AFTER . ENSLEY		DATE 02-13-13	
SIGNER . ENSLEY		DATE 02-13-13	
ECKED		DATE	
OJECT MANAGER . SOVEL		BID PLAN DATE	
. SOVEL PARTMENT MANAGER APPROVAL		DATE	
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.

1" = 900"





Engineering Consultant

Infrastructure • Land Development • S

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

NOW INFORMATION ON THIS DRAWN MAY BE ONCE. INFORMATION DECLORED TO THIS FIRM BY THE PROPERTY OF THE OWNER OF THE OWNER OF THE OWNER OWNER OF THE OWNER OWNER

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

THOUTH & 2013 STALDING DUDGER ASSOLATES, INC.

5 DRAMING AND THE SUBJECT MATTER CONTAINED
BEON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2021 WORK PLAN \$350K BUDGET PLAN

O. DATE		ENDION	
AFTÉR . ENSLEY		DATE 02-13-13	
SIGNER . ENSLEY		DATE 02-13-13	
IECKED		DATE	
OJECT MANAGER . SOVEL		BID PLAN DATE	
. SOVEL PARTMENT MANAGER APPROVAL		DATE	
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOR NO. | DRAWING NO.

1" = 900"





Engineering Consultants

frastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

RICH METONAL TION LOSGLOSED TO THIS FIRM BY THE RANGOUS CHILLY COMPANES, CITY/COUNTY AGENCIES AND OTHER VARIOUS SCURES. UNDERROCKING UITLINES NO OTHER VARIOUS SCURES. UNDERROCKING UITLINES HER LISA LEY NOT ELIBEATED UPON A UTILLY COMPANY'S PUBLISHED FOR AUTHOR FOR UITLINES HER LISA LEY NOT HER SURPEY, FOR APPROMIATED FROM FOUND PAINT MARKS, STAKES TO ALC AS LOCATED BY THIS FIRM FROM SURVES WHICH ELIBEATED BY THIS FIRM FROM SURVES WHICH ELIBEATED ACQUIRACY EMPLOYED.

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

FINIOR! 9 2013 STALING DEVICER ASSOCIATES, INC.
S DRAMMG AND THE SUBJECT MATTER CONTAINED
EREON IS PROPRETARY AND IS NOT TO BE USED OR
PRODUCED WITHOUT WRITTEN PERMISSION OF
ALDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2022 WORK PLAN \$350K BUDGET PLAN

O. DATE	KEVISION		
AFTER . ENSLEY	02-13-13		
SIGNER . ENSLEY	DATE 02-13-13		
ECKED	DATE		
OJECT MANAGER . SOVEL PARTMENT MANAGER	BID PLAN DATE		
PARTMENT MANAGER	APPROVAL DATE		
VER	IFY SCALES		
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.

1" = 900"





Engineering Consultant

frastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

ROM INTERNATION DISCUSSED TO THIS FIRM BY THE ARROUS UILLIT COMPANES, CITY/COUNTY AGENCIS AND OTHER VARIOUS SCURCES. UNDERSHOUND UITLIES HOO THERE VARIOUS SCURCES. UNDERSHOUND UITLIES HERE LISBALLY NOT ELBEATED UPON A UILLIT COMPANY'S PUBLISHED THE AUGUST OF THE AUGUS

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

INDITI 9 2013 FILDING DEDECER ASSOCIATES, INC.
DRAWING AND THE SUBJECT MATTER CONTAINED
REON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
DING DADECKER ASSOCIATES, INC.

#### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2023 WORK PLAN \$350K BUDGET PLAN

NO. DATE REVISION		
ORAFER IDATE		
J. ENSLEY 02-13	-13	
DESIGNER J. ENSLEY DATE 02-13	-13	
CHECKED DATE		
PROJECT MANAGER BID PLAN T. SOVEL	DATE	
DEPARTMENT MANAGER APPROVAL DATE		
VERIFY SCALES		
BAR IS ONE INCH ON ORIGINAL DRAWING		
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY		
JOB NO. DRAWING NO.		





Engineering Consultant

frastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

RICH METONAL TION LOSGLOSED TO THIS FIRM BY THE RANGOUS CHILLY COMPANES, CITY/COUNTY AGENCIES AND OTHER VARIOUS SCURES. UNDERROCKING UITLINES NO OTHER VARIOUS SCURES. UNDERROCKING UITLINES HER LISA LEY NOT ELIBEATED UPON A UTILLY COMPANY'S PUBLISHED FOR AUTHOR FOR UITLINES HER LISA LEY NOT HER SURPEY, FOR APPROMIATED FROM FOUND PAINT MARKS, STAKES TO ALC AS LOCATED BY THIS FIRM FROM SURVES WHICH ELIBEATED BY THIS FIRM FROM SURVES WHICH ELIBEATED ACQUIRACY EMPLOYED.

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

FINIOR! 9 2013 STALING DEVICER ASSOCIATES, INC.
S DRAMMG AND THE SUBJECT MATTER CONTAINED
EREON IS PROPRETARY AND IS NOT TO BE USED OR
PRODUCED WITHOUT WRITTEN PERMISSION OF
ALDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2014 WORK PLAN \$950K BUDGET PLAN

DRAFTER			DATE
J. ENSLEY DESIGNER			02-13-13 DATE
J. ENSLEY			02-13-13
CHECKED	Ī	ĺ	DATE
PROJECT MANAGER T. SOVEL			BID PLAN DATE
DEPARTMENT MANAGER	AP	PROVAL	DATE
		SCALES	
BAR IS ONE INCH	1 0	n origi	NAL DRAWING
IF NOT ONE I	NCH ALE:	S ACCC	RDINGLY
JOB NO.		DRAWN	IG NO.





Engineering Consultants

Infrastructure • Land Development • S

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

Fax: (734) 293-520 www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

THE METERAL TION LOSS CLOSED TO THIS FIRM BY THE ARROUS VILLITY COMPANES, CITY COUNTY A GENERAL STATEMENT OF THE ARROUS VILLITY COMPANES, CITY COUNTY A GENERAL SHOOTHER VARIOUS SCURCES UNDERROCKED UITLINES HOR LOSS AND THE SIDE OF THE ARROUS LITERAL SHOPE LOSS AND THE SIDE OF THE ARROUS LITERAL SHOPE LOSS OF THE SHOPE HAS TO THE UNKNOWN, NO GUARANTE IS GIVEN AS TO THE OWNER LITERAL SHOPE LITERAL SHO

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

THOUTH & 2013 STALDING DUDGER ASSOLATES, INC.

5 DRAMING AND THE SUBJECT MATTER CONTAINED
BEON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2015 WORK PLAN \$950K BUDGET PLAN

FTER ENSLEY		DATE 02-13-13	
ONER ENSLEY		DATE 02-13-13	
CKED		DATE	
JECT MANAGER SOVEL		BID PLAN DATE	
ARTMENT MANAGER APPROVAL		DATE	
VERIFY SCALES			
DAD IS ONE INCIL ON ODICINAL DOAWING			

BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY
JOB NO. DRAWING NO.

NP11-040 NP11040WP





Engineering Consultant

frastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

R TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS XISTING UTILITIES (IN CONFLICT WITH PROPOSED OVEMENTS) SHALL BE VERIFIED IN THE FIELD. X WINDRING DAYS BRIDE TO CONSTRUCTION

FINISH SOUTH SUBJECT MATTER CONTAINES, INC.
S DRAWING AND THE SUBJECT MATTER CONTAINES,
EREON IS PROPRIETARY AND IS NOT TO BE USED OR
PRODUCED WITHOUT WRITTEN PERMISSION OF
ALDING DODECKER ASSOCIATES, INC.

#### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2016 WORK PLAN \$950K BUDGET PLAN

NO. DATE REVISION

RAFTER I. ENSLEY		DATE 02-13-13	
ESIGNER I. ENSLEY		DATE 02-13-13	
HECKED		DATE	
ROJECT MANAGER C. SOVEL		BID PLAN DATE	
EPARTMENT MANAGER	APPROVAL	DATE	
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAWII

IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.

1" = 900"





Engineering Consultant

frastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

ROM INFORMATION DISCUSSED TO THIS FIRM BY THE ARROUS UTILITY COMPANIES, CITY/COMITY AGENCIS AROUS UTILITY COMPANIES, CITY/COMITY AGENCIS NO OTHER VARIOUS SCURCES UNDERROCKION UTILITIES HERD LARGE HER USINALLY NOT ELEMENTE UPON A UTILITY COMPANY'S PUBLISHED LANS. THER LOCATION, IF SHOWN UTION HIS SURVEY, BE APPROXIMATED FROM FOUND PAINT MARKS, STAKES. TO AS LOCATED BY THIS FIRM FROM SURVEYS WHICH ELEMENT OF UTILITY OF UTILITY

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

THOUTH & 2013 STALDING DUDGER ASSOLATES, INC.

5 DRAMING AND THE SUBJECT MATTER CONTAINED
BEON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2017 WORK PLAN \$950K BUDGET PLAN

NO. DATE REVISION

RAFTER J. ENSLEY		DATE 02-13-13	
SIGNER I. ENSLEY		DATE 02-13-13	
HECKED		DATE	
ROJECT MANAGER		BID PLAN DATE	
EPARTMENT MANAGER APPROVAL		DATE	
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.

1" = 900"





Engineering Consultant

frastructure • Land Development • Si

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

Fax: (734) 293-5202 www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNE MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE ARRIDUS UTILITY COMPANIES, CITY/COUNTY AGENCIES NO OTHER WARDLES SURGES, UNDERSTOOM UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USUALLY NOT LEMEATED UPON A UTILITY COMPANIES PUBLISHED LEMEATED UPON A UTILITY COMPANIES PUBLISHED FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR ASSOCIATION OF THE PROPERTY OF THE PROPERTY FOR ASSOCIATION OF THE PROPERTY FOR ASS

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

THOUTH & 2013 STALDING DUDGER ASSOLATES, INC.

5 DRAMING AND THE SUBJECT MATTER CONTAINED
BEON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2018 WORK PLAN \$950K BUDGET PLAN

O. DATE	REVISION		
AFTER . ENSLEY SIGNER	DATE 02-13-13		
. ENSLEY	DATE 02-13-13		
ECKED	DATE		
OJECT MANAGER . SOVEL PARTMENT MANAGER	BID PLAN DATE		
PARTMENT MANAGER	APPROVAL DATE		
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.

1" = 900"





Engineering Consultant

Infrastructure • Land Development • S

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



(now what's **below. Call** before you dig

ONLINE THE MAN THE MAN

XISTING UTILITIES (IN CONFLICT WITH PROPOSED DVEMENTS) SHALL BE VERIFIED IN THE FIELD.

3 WORKING DAYS PRIOR TO CONSTRUCTION.

THOUTH & 2013 STALDING DUDGER ASSOLATES, INC.

5 DRAMING AND THE SUBJECT MATTER CONTAINED
BEON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2019 WORK PLAN \$950K BUDGET PLAN

NO.	DATE		RE	VISION
	NSLEY			DATE 02-13-13
DESIGN J. E	er NSLEY			DATE 02-13-13
CHECK	<del></del> '			DATE
	OVEL	Ī		BID PLAN DATE
DEPAR	TMENT MANAGER	AP	PROVAL	DATE
	VERIFY SCALES			
BA	BAR IS ONE INCH ON ORIGINAL DRAWING			
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY				
JOB NO	D		DRAWN	IG NO.

NP11040WP

1" = 900"





Engineering Consultant

Infrastructure • Land Development • Se

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



(now what's **below. Call** before you dig

NOW INFORMATION COORDINGTON TO THIS FIRM BY THE REVOLUTION COMMANIS, CITY, CAUNTY A GENERAL SOLUTION OF THE REVOLUTION COMMANIS, CITY, CAUNTY A GENERAL SOLUTION COMPANY'S PUBLISHED AND A UTILITY COMPANY'S PUBLISHED AND. THE HEAD AND THE STATEMENT OF THE STATEME

XISTING UTILITIES (IN CONFLICT WITH PROPOSED DVEMENTS) SHALL BE VERIFIED IN THE FIELD.

3 WORKING DAYS PRIOR TO CONSTRUCTION.

THIGHT 'S 2013 PAILDING DEVICER ASSOCIATES, INC.
DRAWING AND THE SUBJECT MATTER CONTAINED
REON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING BODECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2020 WORK PLAN \$950K BUDGET PLAN

O. DATE		ENDION	
AFTÉR . ENSLEY		DATE 02-13-13	
SIGNER . ENSLEY		DATE 02-13-13	
IECKED		DATE	
OJECT MANAGER . SOVEL		BID PLAN DATE	
. SOVEL PARTMENT MANAGER APPROVAL		DATE	
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.

1" = 900'





Engineering Consultants

nirastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNE MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE ARRIDUS UTILITY COMPANIES, CITY/COUNTY AGENCIES NO OTHER WARDLES SURGES, UNDERSTOOM UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USUALLY NOT LEMEATED UPON A UTILITY COMPANIES PUBLISHED LEMEATED UPON A UTILITY COMPANIES PUBLISHED FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR ASSOCIATION OF THE PROPERTY OF THE PROPERTY FOR ASSOCIATION OF THE PROPERTY FOR ASS

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

RIGHT & 2013 FALDING DEDUCER ASSOCIALES, INC DRAWING AND THE SUBJECT MATTER CONTAINED EON IS PROPRIETARY AND IS NOT TO BE USED OR ODUCED WITHOUT WRITTEN PERMISSION OF DING DIEDECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2021 WORK PLAN \$950K BUDGET PLAN

NO.	DATE	RE	VISION
DRAFTE J. E	er NSLEY		DATE 02-13-13
DESIGN	ER		DATE
	NSLEY		02-13-13 DATE
CHECK	ED		DATE
	T MANAGER		BID PLAN DATE
	OVEL TMENT MANAGER	ADDROVAL	DATE
VERIFY SCALES		S	
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOR NO. | DRAWING NO.

1" = 900'





Engineering Consultant

Infrastructure • Land Development • S

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

RICH METONAL TION LOSGLOSED TO THIS FIRM BY THE RANGOUS CHILLY COMPANES, CITY/COUNTY AGENCIES AND OTHER VARIOUS SCURES. UNDERROCKING UITLINES NO OTHER VARIOUS SCURES. UNDERROCKING UITLINES HER LISA LEY NOT ELIBEATED UPON A UTILLY COMPANY'S PUBLISHED FOR AUTHOR FOR UITLINES HER LISA LEY NOT HER SURPEY, FOR APPROMIATED FROM FOUND PAINT MARKS, STAKES TO ALC AS LOCATED BY THIS FIRM FROM SURVES WHICH ELIBEATED BY THIS FIRM FROM SURVES WHICH ELIBEATED ACQUIRACY EMPLOYED.

XISTING UTILITIES (IN CONFLICT WITH PROPOSED DVEMENTS) SHALL BE VERIFIED IN THE FIELD.

3 WORKING DAYS PRIOR TO CONSTRUCTION.

THOUTH & 2013 STALDING DUDGER ASSOLATES, INC.

5 DRAMING AND THE SUBJECT MATTER CONTAINED
BEON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2022 WORK PLAN \$950K BUDGET PLAN

NO.	DATE	RE	VISION
	NSLEY		DATE 02-13-13
	NSLEY		DATE 02-13-13
CHECK	ED		DATE
T. S	PROJECT MANAGER T. SOVEL		BID PLAN DATE
DEPAR	TMENT MANAGER	APPROVAL	DATE

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY
JOB NO. | DRAWING NO.

NP11-040 NP11040WP

SCALE: SHEET NO.

1" = 900' WP9-\$950K





Engineering Consultant

nfrastructure • Land Development • Sur

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

ROM INTERNATION DISCUSSED TO THIS FIRM BY THE ARROUS UILLIT COMPANES, CITY/COUNTY AGENCIS AND OTHER VARIOUS SCURCES. UNDERSHOUND UITLIES HOO THERE VARIOUS SCURCES. UNDERSHOUND UITLIES HERE LISBALLY NOT ELBEATED UPON A UILLIT COMPANY'S PUBLISHED THE AUGUST OF THE AUGUS

R TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS XISTING UTILITIES (IN CONFLICT WITH PROPOSED DVEMENTS) SHALL BE VERIFIED IN THE FIELD.

THIS DRAWING AND THE SUBJECT MATTER CONTAINED THEREON IS PROPRIETARY AND IS NOT TO BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION OF SPALDING DODGER ASSOCIATES, INC.

# CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2023 WORK PLAN \$950K BUDGET PLAN

D.	DATE	R	EVISION
	SLEY		DATE 02-13-13
	SLEY		DATE 02-13-13
CKE	=		DATE
NECT MANAGER SOVEL		BID PLAN DATE	
ARTI	MENT MANAGER	APPROVA	L DATE

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY
JOB NO. | DRAWING NO.

1" = 900'





Engineering Consultant

Infrastructure • Land Development • Sur

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

ROM INFORMATION DISCUSSED TO THIS FIRM BY THE ARROUS UTILITY COMPANIES, CITY/COMITY AGENCIS AROUS UTILITY COMPANIES, CITY/COMITY AGENCIS NO OTHER VARIOUS SCURCES UNDERROCKION UTILITIES HERD LARGE HER USINALLY NOT ELEMENTE UPON A UTILITY COMPANY'S PUBLISHED LANS. THER LOCATION, IF SHOWN UTION HIS SURVEY, BE APPROXIMATED FROM FOUND PAINT MARKS, STAKES. TO AS LOCATED BY THIS FIRM FROM SURVEYS WHICH ELEMENT OF UTILITY OF UTILITY

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

Tright © 2013 Palding Dibecter Associates, inc. Drawing and the subject matter contained beon is proprietary and is not to be used or roduced without written permission of Ding Dibecker Associates, inc.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2014 WORK PLAN BOND BUDGET PLAN

O. DATE	RE	VISION	
AFTER ENSLEY SIGNER		DATE 02-13-13	
. Ensley		DATE 02-13-13	
IECKED		DATE	
OJECT MANAGER . SOVEL PARTMENT MANAGER APPROVAL		BID PLAN DATE	
PARTMENT MANAGER APPROVAL		DATE	
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.





Engineering Consultant

Infrastructure • Land Development • 5

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNE MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE ARRIDUS UTILITY COMPANIES, CITY/COUNTY AGENCIES NO OTHER WARDLES SURGES, UNDERSTOOM UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USUALLY NOT LEMEATED UPON A UTILITY COMPANIES PUBLISHED LEMEATED UPON A UTILITY COMPANIES PUBLISHED FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR ASSOCIATION OF THE PROPERTY OF THE PROPERTY FOR ASSOCIATION OF THE PROPERTY FOR ASS

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

THIGHT 'S 2013 PAILDING DEVICER ASSOCIATES, INC.
DRAWING AND THE SUBJECT MATTER CONTAINED
REON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING BODECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2015 WORK PLAN BOND BUDGET PLAN

NO. DATE REVISION

RAFTER J. ENSLEY		DATE 02-13-13	
SIGNER I. ENSLEY		DATE 02-13-13	
HECKED		DATE	
ROJECT MANAGER		BID PLAN DATE	
PARTMENT MANAGER APPROVAL		DATE	
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.





Engineering Consultants

nfrastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNE MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE ARRIDUS UTILITY COMPANIES, CITY/COUNTY AGENCIES NO OTHER WARDLES SURGES, UNDERSTOOM UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USUALLY NOT LEMEATED UPON A UTILITY COMPANIES PUBLISHED LEMEATED UPON A UTILITY COMPANIES PUBLISHED FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR ASSOCIATION OF THE PROPERTY OF THE PROPERTY FOR ASSOCIATION OF THE PROPERTY FOR ASS

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

FINIOR! 9 2013 FALDING DEVOCER ASSOCIALES, INC.
S DRAMING AND THE SUBJECT MATTER CONTAINED
EREON IS PROPRIETARY AND IS NOT TO BE USED OR
PRODUCED WITHOUT WRITTEN PERMISSION OF
ALDING DADEOKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2016 WORK PLAN BOND BUDGET PLAN

O. DATE		ENDION	
AFTÉR . ENSLEY		DATE 02-13-13	
SIGNER . ENSLEY		DATE 02-13-13	
IECKED		DATE	
OJECT MANAGER . SOVEL		BID PLAN DATE	
. SOVEL PARTMENT MANAGER APPROVAL		DATE	
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.





Engineering Consultant

Infrastructure • Land Development • S

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

RICH METONAL TION LOSGLOSED TO THIS FIRM BY THE RANGOUS CHILLY COMPANES, CITY/COUNTY AGENCIES AND OTHER VARIOUS SCURES. UNDERROCKING UITLINES NO OTHER VARIOUS SCURES. UNDERROCKING UITLINES HER LISA LEY NOT ELIBEATED UPON A UTILLY COMPANY'S PUBLISHED FOR AUTHOR FOR UITLINES HER LISA LEY NOT HER SURPEY, FOR APPROMIATED FROM FOUND PAINT MARKS, STAKES TO ALC AS LOCATED BY THIS FIRM FROM SURVES WHICH ELIBEATED BY THIS FIRM FROM SURVES WHICH ELIBEATED ACQUIRACY EMPLOYED.

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

RIGHT & 2013 FALDING DEDUCER ASSOCIALES, INC DRAWING AND THE SUBJECT MATTER CONTAINED EON IS PROPRIETARY AND IS NOT TO BE USED OR ODUCED WITHOUT WRITTEN PERMISSION OF DING DIEDECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2017 WORK PLAN BOND BUDGET PLAN

NO. DATE REVISION

RAFTER J. ENSLEY		DATE 02-13-13
SIGNER		DATE
I. ENSLEY HECKED		02-13-13 DATE
ROJECT MANAGER		BID PLAN DATE
EPARTMENT MANAGER A	PPROVAL	DATE
VERIFY SCALES		
BAR IS ONE INCH ON ORIGINAL DRAWING		

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.





Engineering Consultant

frastructure • Land Development • Si

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

Phone: (734) 293-5200 Fax: (734) 293-5200 www.sda-eng.com (800) 598-1600

M. Know

Know what's **below. Call** before you dig

ONLINE THE MAN THE MAN

XISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.
3 WORKING DAYS PRIOR TO CONSTRUCTION.

right & 2013 Palding Diguecrer Associales, inc Drawing and the subject matter contained eon is proprietary and is not to be used or Oduced without written permission of Ding Dødecker Associates, inc.

CITY OF NORTHVILLE
PAVEMENT MANAGEMENT
PROGRAM

2013 UPDATE

FY 2018 WORK PLAN BOND BUDGET PLAN

1						
ı	NO.	DATE	Г	RE	VISION	
ı						
ı						
ı						
ı						
ı						
ı						
ı						
ı						
ı						
ı						
ı						
ı						
ı						
ı						
ı	DRAFT		_		DATE	-
ı	J. ENSLEY DESIGNER			02-13-13 DATE		
ı	J. ENSLEY			02-13-13		
ı	CHECKED			DATE	_	
ı	PROJECT MANAGER			BID PLAN DATE	-	
ı	T. SOVEL					
ı	DEPARTMENT MANAGER APPROVAL			DATE		

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY
JOB NO. | DRAWING NO.

1" = 900"





Engineering Consultant

frastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

Fax: (734) 293-5202 www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNS MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE PROPULY UTILITY COMPANIES, CITY/COUNTY REPORTED MO OTHER WANDES SURGES. UNDERSKOUND UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USED LICENATED UPON A UTILITY COMPANY'S PUBLISHED LY LICENATED UPON A UTILITY COMPANY'S PUBLISHED LY LICENATED UPON A UTILITY COMPANY FIRE STORY LICENATED UPON A UTILITY COMPANY FIRE STORY LICENATED UPON A UTILITY CONTROL LICENATED UPON A UTILITY CON

R TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS
EXISTING UTILITIES (IN CONFLICT WITH PROPOSED
OVEMENTS) SHALL BE VERIFIED IN THE FIELD.

3 WORKING DAYS BEING TO CONSTRUCTION

S DRAMING AND THE SUBJECT MATTER CONTAINED
REON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LIDING DODCKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2019 WORK PLAN BOND BUDGET PLAN

O. DATE	REVISION		
AFTER . ENSLEY SIGNER	DATE 02-13-13		
. ENSLEY	DATE 02-13-13		
ECKED	DATE		
OJECT MANAGER . SOVEL PARTMENT MANAGER	BID PLAN DATE		
PARTMENT MANAGER	APPROVAL DATE		
VERIFY SCALES			
BAR IS ONE INCH ON ORIGINAL DRAWING			

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.





Engineering Consultant

nirastructure • Land Development • Su

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNS MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE PROPULY UTILITY COMPANIES, CITY/COUNTY REPORTED MO OTHER WANDES SURGES. UNDERSKOUND UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USED LICENATED UPON A UTILITY COMPANY'S PUBLISHED LY LICENATED UPON A UTILITY COMPANY'S PUBLISHED LY LICENATED UPON A UTILITY COMPANY FIRE STORY LICENATED UPON A UTILITY COMPANY FIRE STORY LICENATED UPON A UTILITY CONTROL LICENATED UPON A UTILITY CON

R TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS XISTING UTILITIES (IN CONFLICT WITH PROPOSED OVEMENTS) SHALL BE VERIFIED IN THE FIELD. X WINDRING DAYS BRIDE TO CONSTRUCTION

COPTRIGHT & 2013 SPAIDING DEBECKER ASSOCIATES, INC THIS DRAWING AND THE SUBJECT MATTER CONTAINED THEREON IS PROPRIETARY AND IS NOT TO BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION OF SPAIDING DADECKER ASSOCIATES, INC.

# CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2020 WORK PLAN BOND BUDGET PLAN

D.	DATE	R	EVISION
	SLEY	DATE 02-13-13	
	SLEY	DATE 02-13-13	
CKE	=	DATE	
SC	MANAGER OVEL	BID PLAN DATE	
ARTI	MENT MANAGER	L DATE	

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY
JOB NO. | DRAWING NO.

1" = 900"





Engineering Consultants

Infrastructure • Land Development • S

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

ROM INTERNATION DISCUSSED TO THIS FIRM BY THE ARROUS UILLIT COMPANES, CITY/COUNTY AGENCIS AND OTHER VARIOUS SCURCES. UNDERSHOUND UITLIES HOO THERE VARIOUS SCURCES. UNDERSHOUND UITLIES HERE LISBALLY NOT ELBEATED UPON A UILLIT COMPANY'S PUBLISHED THE AUGUST OF THE AUGUS

R TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS XISTING UTILITIES (IN CONFLICT WITH PROPOSED DVEMENTS) SHALL BE VERIFIED IN THE FIELD.

COPTRIGHT & 2013 SPAIDING DEBECKER ASSOCIATES, INC THIS DRAWING AND THE SUBJECT MATTER CONTAINED THEREON IS PROPRIETARY AND IS NOT TO BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION OF SPAIDING DADECKER ASSOCIATES, INC.

# CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2021 WORK PLAN BOND BUDGET PLAN

	Ž.	DATE		K.	NOION	
	DRAFTE	R NSLEY			DATE 02-13-13	-
	DESIGNER J. ENSLEY				DATE 02-13-13	_
	CHECK	ED			DATE	
	PROJECT MANAGER T. SOVEL			BID PLAN DATE	_	
	DEPARTMENT MANAGER		API	PROVAL	DATE	_
	VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DR. IF NOT ONE INCH ON THIS SHEE ADJUST SCALES ACCORDINGLY				_	
				N ORIG	NAL DRAWING	
				RDINGLY		
	JOB NO			DRAWN		_
		MD11_040		l N	ID11040WD	





Engineering Consultant

irastructure • Land Development • Si

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

OTE: UTILITY INFORMATION ON THIS DRAWNE MAY BE KORN INFORMATION DISCUSSED TO THIS FIRM BY THE ARRIDUS UTILITY COMPANIES, CITY/COUNTY AGENCIES NO OTHER WARDLES SURGES, UNDERSTOOM UTILITIES HIGH AREA OF PRIVATE PROPERTY ARE USUALLY NOT LEMEATED UPON A UTILITY COMPANIES PUBLISHED LEMEATED UPON A UTILITY COMPANIES PUBLISHED FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR APPRODUCTION OF THE PROPERTY AND USUAL STORT FOR ASSOCIATION OF THE PROPERTY OF THE PROPERTY FOR ASSOCIATION OF THE PROPERTY FOR ASS

R TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS XISTING UTILITIES (IN CONFLICT WITH PROPOSED DVEMENTS) SHALL BE VERIFIED IN THE FIELD.

THIS DRAWING AND THE SUBJECT MATTER CONTAINED. IN THEREON IS PROPRIETARY AND IS NOT TO BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION OF SPALDING DADECKER ASSOCIATES, INC.

# CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2022 WORK PLAN BOND BUDGET PLAN

O. DATE		KEVISION		
AFTÉR . ENSLEY	DATE 02-13-13			
SIGNER . ENSLEY	DATE 02-13-13			
IECKED	DATE			
OJECT MANAGER . SOVEL PARTMENT MANAGE	BID PLAN DATE			
PARTMENT MANAGE	AL DATE			
VERIFY SCALES				
BAR IS ONE INCH ON ORIGINAL DRAWING				

IF NOT ONE INCH ON ORIGINAL DRAW

IF NOT ONE INCH ON THIS SHEET,

ADJUST SCALES ACCORDINGLY

JOB NO. | DRAWING NO.





Engineering Consultants

nfrastructure • Land Development • Sur

905 South Blvd. East Rochester Hills, MI 48307 Phone: (248) 844-5400 Fax: (248) 844-5404

1435 Randolph, Suite 404 Detroit, MI 48226 Phone: (313) 967-4700 Fax: (313) 967-4707

39293 Plymouth, Suite 102 Livonia, MI 48150 Phone: (734) 293-5200 Fax: (734) 293-5202

www.sda-eng.com (800) 598-1600



Know what's **below. Call** before you dig

ROM INFORMATION DISCUSSED TO THIS FIRM BY THE ARROUS UTILITY COMPANIES, CITY/COMITY AGENCIS AROUS UTILITY COMPANIES, CITY/COMITY AGENCIS NO OTHER VARIOUS SCURCES UNDERROCKION UTILITIES HERD LARGE HER USINALLY NOT ELEMENTE UPON A UTILITY COMPANY'S PUBLISHED LANS. THER LOCATION, IF SHOWN UTION HIS SURVEY, BE APPROXIMATED FROM FOUND PAINT MARKS, STAKES. TO AS LOCATED BY THIS FIRM FROM SURVEYS WHICH ELEMENT OF UTILITY OF UTILITY

XISTING UTILITIES (IN CONFLICT WITH PROPOSED DVEMENTS) SHALL BE VERIFIED IN THE FIELD.

3 WORKING DAYS PRIOR TO CONSTRUCTION.

THOUTH & 2013 STALDING DUDGER ASSOLATES, INC.

5 DRAMING AND THE SUBJECT MATTER CONTAINED
BEON IS PROPRIETARY AND IS NOT TO BE USED OR
RODUCED WITHOUT WRITTEN PERMISSION OF
LDING DADECKER ASSOCIATES, INC.

### CITY OF NORTHVILLE PAVEMENT MANAGEMENT PROGRAM

2013 UPDATE

FY 2023 WORK PLAN BOND BUDGET PLAN

O. DATE	l r	EVISION		
AFTÉR , ENSLEY	DATE 02-13-13			
SIGNER . ENSLEY	DATE 02-13-13			
IECKED	DATE			
OJECT MANAGER . SOVEL PARTMENT MANA	BID PLAN DATE			
PARTMENT MANA	DATE			
VERIFY SCALES				
BAR IS ONE INCH ON ORIGINAL DRAWING				

IF NOT ONE INCH ON ORIGINAL DRAWN
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY
JOB NO. | DRAWNG NO.

1" = 900"



