NOTES :

- (I), (II), (III), DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.
- GRADE AND PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTUCTION AND IN ENTIRE AREA BETWEEN WALK AND CURB UNLESS OTHERWISE DIRECTED.
- ANY TREE TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- NEW ASPHALTIC CONCRETE PAVEMENT (STAGE CONSTRUCTION) SHALL CONSIST OF:
  1-1/2" ASPHALT CONCRETE PAVEMENT ON
  3" ASPHALTIC BINDER ON
  6" CRUSHED STONE BASE
- GRIND THE ROADWAY AS NECESSARY TO ACHIEVE .12' MINMUM COVER AT FLANGES, .17' AT BUTT JTS AND .21' MINIMUM ELSEWHERE

CONDITION OF CONCRETE	
B	BROKEN
BL	BLUE LINED
BP	BACK PITCHED
C	CRACKED
H	HEAVED
JF	JOINT FAILURE
MJ	MUD JACKED
P	PATCHED
PC	POOR CONDITION
S	SETTLED
SP	SPALLED
VGC	VERY GOOD
VPC	VERY POOR

ESTIMATE / CERTIFICATE QUANTITIES

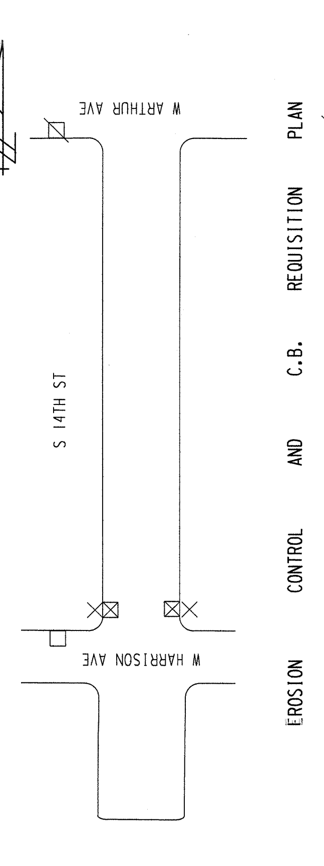
	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ.TOT.
X	MOBILIZATION	L.S.						
X	FINISHING ROADWAY	L.S.						
X	BARRICADING AND SIGNING	L.S.						
X	CUTTING	C.Y.						
X	ROADWAY CUTTING	C.Y.						
X	FILLING	C.Y.						
X	ROADWAY FILLING	C.Y.						
	PAVEMENT REMOVAL	S.Y.						
	BITUMINOUS SURFACE REMOVAL	S.Y.						
X	CURB &/OR CURB & GUTTER REMOVAL	L.F.						
X	CONC.WALK &/OR DRIVEWAY REMOVAL	S.F.						
X	SAWING (FULL DEPTH)	L.F.						
X	SAWING	L.F.						
	TREES CLEARING	I.D.						
	TREES GRUBBING	I.D.						
X	CONCRETE CURB & GUTTER	L.F.						
	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
X	5" CONCRETE WALK	S.F.						
X	7" CONCRETE DRIVEWAY	S.F.						
	CONCRETE PAVEMENT	S.Y.						
X	7" CONCRETE ALLEY PAVEMENT	S.Y.						
X	V.T. CONCRETE BASE	C.Y.						
	CONCRETE BASE	S.Y.						
X	TACK COAT	GAL.						
X	BASE PREP. FOR ASPHALT SURFACE	L.S.						
X	V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
X								
X	6" CRUSHED STONE BASE	S.Y.						
	CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
X	PAVEMENT GRINDING (ASPHALT)	S.Y.						
	PAVEMENT GRINDING (CONCRETE)	S.Y.						
	SEALING PAV'T JOINTS & CRACKS	S.Y.						
	MANHOLE RINGS	EACH						
X	SEWER FRAME ADJUSTMENT	V.F.						
	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	EROSION CONTROL (TYPE M)	EACH						

PROJECT TOTAL

STORM DRAINAGE UNITS		
C.B.W.- 9	RESET- 2	ABANDON- 10
PROJECT IN (COMBINED AREA		

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN			FILE NO. 366
PLAN OF: S. 14TH ST.			
FROM 80' S OF W. HARRISON AVE. TO W. LINCOLN AVE.			
THIS SECTION: FROM 80' S OF W. HARRISON AVE. TO W. ARTHUR AVE.			
DRAWN BY	D.BEKEL	DATE: 4-10-13	PROJECT NO. ST211130138
DESCRIPTIONS BY	D.BEKEL	DATE: 4-10-13	SHEET 1 OF 3
LEVELS BY	W. ALVEY	DATE: 4/2012	SCALE 1"=10' / 1/4 SEC. 496 / ALD.DIST. 12
LEVELS TRANSF. BY	S. CULL	DATE: 10/23/12	
DESIGNED BY	S. CULL	DATE: 2/15/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	S. CULL	DATE: 2/15/13	REVISED:
CHECKED BY	[signature]	DATE: 7/18/13	REVISED:
APPROVED BY	[signature]	DATE: 2/19/13	REVISED:
FILE: V:\PWELIB\PAVING\26315.FIN			
PLOT DATE: 08-JUL-2013			

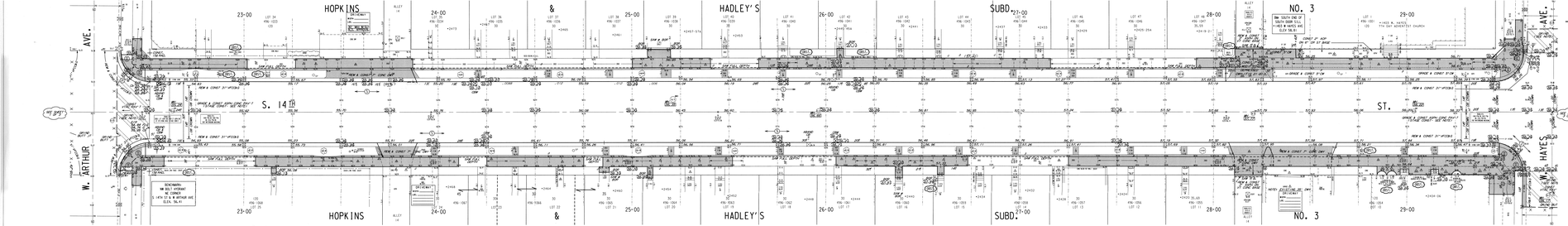
TO \ DATE	7/22/13	1/9/14
ESTIMATING	1	
HOLLOW WALKS		
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. SEWERS		
MEASURING		1
FIELD		1
DISTRICT FILE	2	
FORESTRY	1	
W.E. / G.O.	1	
WIS. GAS CO.	1	
TRANSIT SYSTEM		
CABLE TV		
UND. GRD. COND.	1	
WATER DIST.	1	
WEPCO N/S		
WEPCO S/S	1	
SEWER SERVICES		
UTILITY COOR.	1	
Traffic Eng	1	
Rm 506	15	
PLAN SIZE	12" X 110'	



EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	NO WORK	
SHEET 1 OF 3: 4	2	1	2		
PROJECT TOTAL: 17	9	2	10		

S. 14TH ST. - FROM 80' S OF W. HARRISON AVE. TO W. LINCOLN AVE. (1 OF 3)

FROM 80' S OF W. HARRISON AVE. TO W. ARTHUR AVE. ST211130138 12" X 110' 26315 #



ESTIMATE / CERTIFICATE QUANTITIES

DESCRIPTION	UNIT	ESTIMATED	PLAN TOT.
MOBILIZATION	L.S.		
SAWCUTTING AND CORING	L.S.		
TESTING	L.S.		
SUBGRADE PREPARATION	L.S.		
ROADWAY EXCAVATION	L.S.		
PAVEMENT REMOVAL	L.S.		
CURB AND GUTTER REMOVAL	L.S.		
WALK AND DRIVE REMOVAL	L.S.		
CURB WALK AND DRIVEWAY REMOVAL	L.S.		
CONCRETE PAVEMENT REMOVAL	L.S.		
TREE REMOVAL	L.S.		
TREE GUARDS	L.S.		
CONCRETE CURB & GUTTER	L.F.		
CONCRETE CURB & GUTTER REPAIR	L.F.		
8" CONCRETE WALK	S.Y.		
CONCRETE DRIVEWAY	S.Y.		
6" CONCRETE PAVEMENT	S.Y.		
8" CONCRETE PAVEMENT	S.Y.		
9" CONCRETE BASE	S.Y.		
9" CONCRETE PAVEMENT	S.Y.		
BASE PREP. FOR CONC. SURFACE	S.Y.		
CONCRETE PAVEMENT REPAIR	S.Y.		
CONCRETE STAMP BAND			
CONCRETE STAMP BAND REPAIR			
GRASS, TYPE I	TON		
GRASS, TYPE II	TON		
PAVEMENT GRADING, CONTROL	L.S.		
PAVEMENT GRADING, CONTROL	L.S.		
MAILBOX REMOVAL	EACH		
MAILBOX RESET	EACH		
ADJUSTING CONCRETE CURB	EACH		
ADJUSTING CONCRETE WALK	EACH		
ADJUSTING CONCRETE DRIVEWAY	EACH		
CONCRETE CURB, TYPE 1A	EACH		
CONCRETE CURB, TYPE 1B	EACH		

CONCRETE CONDITIONS	
1	BRAKING
2	BLUE / RED
3	BADLY PITTED
4	CRACKED
5	WEAKED
6	JOINT FAILURE
7	MAP CRACKED
8	POOR CONDITION
9	SETTLED
10	SPALLED
11	ACRY-SEAL
12	ACRY-FOAM

NOTES :
1. CONSTRUCT ALL CURB/GUTTER, WALKS AND DRIVEWAYS PER CITY OF WILMINGTON SPECIFICATIONS.
2. OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE EXISTING PAVEMENT.
3. OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.

NOTES :

- (I), (II), (III), DENOTES RAMP TYPE.
- CONSTRUCT ALL CARRIAGE WALKS AND DRIVEWAYS PER CITY OF MILWAUKEE SPECIFICATIONS.
- OFFSET MEASUREMENTS TO TREES, WOOD POLES AND LIGHT POLES ARE TAKEN TO EDGE NEAREST THE CENTERLINE.
- OFFSET MEASUREMENTS TO HYDRANTS ARE TAKEN TO THE OPERATING NUT.

CONDITION OF CONCRETE
B BROKEN
BL BLUE LINED
BP BACK PITCHED
C CRACKED
H HEAVED
JF JOINT FAILURE
MJ MUD JACKED
P PATCHED
PC POOR CONDITION
S SETTLED
SP SPALLED
VGC VERY GOOD
VPC VERY POOR

ESTIMATE / CERTIFICATE QUANTITIES

DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ.TOT.
MOBILIZATION	L.S.						
FINISHING ROADWAY	L.S.						
BARRICADING AND SIGNING	L.S.						
CUTTING	C.Y.						
ROADWAY CUTTING	C.Y.						
FILLING	C.Y.						
ROADWAY FILLING	C.Y.						
PAVEMENT REMOVAL	S.Y.						
BITUMINOUS SURFACE REMOVAL	S.Y.						
CURB &/OR CURB & GUTTER REMOVAL	L.F.						
CONC.WALK &/OR DRIVEWAY REMOVAL	S.F.						
SAWING (FULL DEPTH)	L.F.						
SAWING	L.F.						
TREES CLEARING	I.D.						
TREES GRUBBING	I.D.						
CONCRETE CURB & GUTTER	L.F.						
V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
5" CONCRETE WALK	S.F.						
7" CONCRETE DRIVEWAY	S.F.						
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7" CONCRETE ALLEY PAVEMENT	S.Y.						
V.T. CONCRETE BASE	C.Y.						
CONCRETE BASE	S.Y.						
TACK COAT	GAL.						
BASE PREP. FOR ASPHALT SURFACE	L.S.						
V.T.ASPH.CONC.PAV'T.(MAX.)	S.Y.						
CRUSHED STONE BASE							
CRUSHED GRAVEL BASE							
GRAVEL FILLING	TON						
SODDING	S.Y.						
TOPSOIL	C.Y.						
PAVEMENT GRINDING (ASPHALT)	S.Y.						
PAVEMENT GRINDING (CONCRETE)	S.Y.						
SEALING PAV'T JOINTS & CRACKS	S.Y.						
MANHOLE RINGS	EACH						
SEWER FRAME ADJUSTMENT	V.F.						
MANHOLE SEAL (CITY FURNISHED)	EACH						
EROSION CONTROL (TYPE M)	EACH						

FILE NO. 368

DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
FIELD OPERATIONS
FIELD & DESIGN ENGINEERING
MILWAUKEE, WISCONSIN

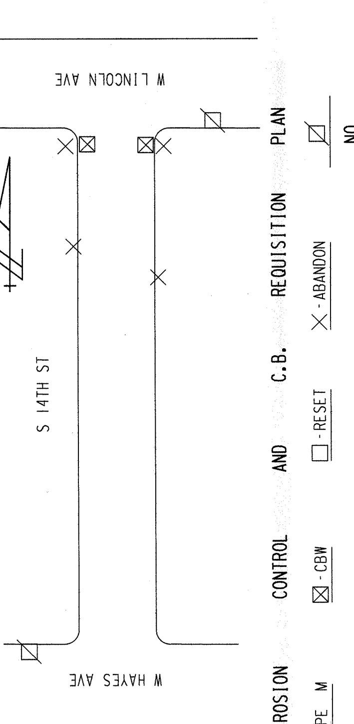
PLAN OF: S. 14TH ST.
FROM 80' S OF W. HARRISON AVE. TO W. LINCOLN AVE.
THIS SECTION: W. HAYES AVE. TO W. LINCOLN AVE.

DRAWN BY	D.BEKEL	DATE: 4-10-13	PROJECT NO. ST211130138
DESCRIPTIONS BY	D.BEKEL	DATE: 4-10-13	SHEET 3 OF 3
LEVELS BY	W. ALVEY	DATE: 4/2012	SCALE 1"=10' ; 1/4 SEC. 496 ; ALD.DIST. 12
LEVELS TRANSF. BY	S. CULL	DATE: 10/23/12	
DESIGNED BY	S. CULL	DATE: 2/15/13	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	S. CULL	DATE: 2/15/13	REVISED:
CHECKED BY	[illegible]	DATE: 7/18/13	REVISED:
APPROVED BY	[illegible]	DATE: 7/19/13	REVISED:

FILE: V:\PWELIB\PAVING\26315.FIN
PLOT DATE: 08-JUL-2013

STORM DRAINAGE UNITS		
C.B.W.-	RESET-	ABANDON-
PROJECT IN (COMB)	(SEPARATED)	AREA

TO \ DATE	7/23/13	11/9/13
ESTIMATING	1	
HOLLOW WALKS	1	
PUBLIC HEARING	1	
CONSTRUCTION	1 6	
SEWER	1	
WATER	1	
STREET LIGHTING	1	
BLDG. SEWERS	1	
MEASURING	1	
FIELD	1	
DISTRICT FILE	2	
FORESTRY	1	
W.E. / G.O.		
WIS. GAS CO.	1	
TRANSIT SYSTEM		
CABLE TV		
UND. GRD. COND.	1	
WATER DIST.	1	
WEPCO N/S		
WEPCO S/S	1	
SEWER SERVICES		
UTILITY COOR.	1	
Traffic Eng	1	
[illegible]		15
PLAN SIZE	12" X 106"	



EROSION	CONTROL	AND	C.B.	REQUISITION	PLAN
TYPE M	☒ - CBW	☐ - RESET	X - ABANDON		NO WORK
5	2	0	4		

SHEET 3 OF 3

S. 14TH ST. - FROM 80' S OF W. HARRISON AVE. TO W. LINCOLN AVE. (3 OF 3)
W. HAYES AVE. TO W. LINCOLN AVE.
26315 12" X 106" ST211130138