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 & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION UNLESS OTHERWISE DIRECTED.
- ANY TREE TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS.
- INTERNAL MANHOLE SEALS ARE REQUIRED IN ALL MANHOLES MARKED 'SAN' (SANITARY).
- IN AREAS OF GRINDING, GRIND TO ACHIEVE 0.12' MINIMUM COVER AT FLANGES, 0.17' AT BUTT JOINTS AND 0.25' MINIMUM ELSEWHERE.
- THIS PROJECT IS DESIGNED FOR (4) 10 FT. WIDE ASPHALT PASSES.

CONDITION OF CONCRETE

- B BROKEN
- BL BLUE LINED
- BP BACK PITCHED
- C CRACKED
- EP EXCESSIVE PITCH
- 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.						
22' CONCRETE CURB & GUTTER	L.F.						
V.T. CONC. WALK &/OR DRIVEWAY	C.Y.						
5' CONCRETE WALK	S.F.						
8' CONCRETE DRIVEWAY	S.F.						
9' CONCRETE PAVEMENT	S.Y.						
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						
CRACK & JOINT REPAIR	L.F.						2000
CRACK & SEAT	S.Y.						

FILE NO. 341

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

PLAN OF: N. HOLTON ST. (4000N, 300E)
E. CAPITOL DR. TO E. HOPE AVE.
THIS SECTION: E. CAPITOL DR. TO STA. 7 + 00

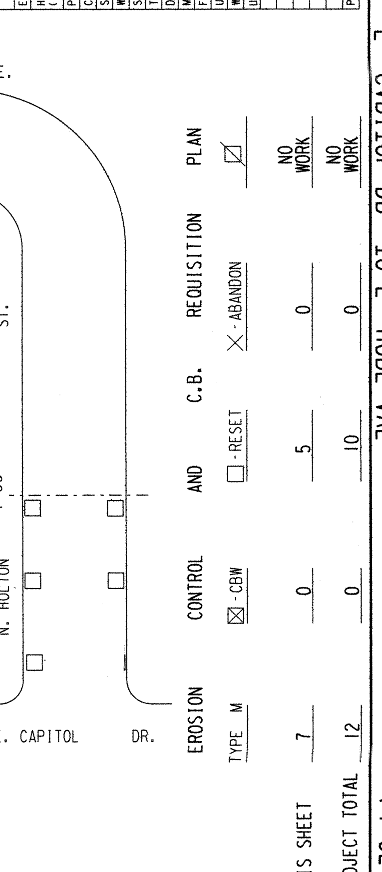
DRAWN BY	ML	DATE: 10-29-14	PROJECT NO. ST211150173
DESCRIPTIONS BY	ML	DATE: 10-29-14	SHEET 1 OF 2
LEVELS BY	B. HOFFMANN	DATE: 8-8-14	SCALE 1" = 10'
LEVELS TRANSF. BY	B. HOFFMANN	DATE: 10-8-14	1/4 SEC. 241 / ALD. DIST. 6
DESIGNED BY	D. GEHRING	DATE: 09-28-15	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	SNYDER	DATE: 11-13-15	REVISED: 3/22/16 ELIM CBW
CHECKED BY		DATE: 3/22/16	REVISED:
APPROVED BY		DATE: 3/22/16	REVISED:

FILE: V:\PWELIB\PAVING\29559.FIN
PLOT DATE: 22-MAR-2016

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W. - 0	RESET - 5	ABANDON - 0
PROJECT IN (SEPARATED) AREA		

DATE / TO	10/11/15	3/17/16
ESTIMATING	1	
HOLLOW WALKS (STREETS ONLY)	1	
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER ENG	1	
WATER ENG	1	
STREET LIGHTING	1	
TRAFFIC ENG	1	
DISTRICT	2	
MEASURING	1	
FORESTRY	1	
UND. GRD. COND.	1	
WATER DIST.	1	
UTILITY COOR.		6
PLAN SIZE	12" X 100'	



	EROSION CONTROL	AND C.B.	REQUISITION	PLAN
	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON
THIS SHEET	7	0	5	0	NO WORK
PROJECT TOTAL	12	0	10	0	NO WORK

N. HOLTON ST. - E. CAPITOL DR. TO E. HOPE AVE.
E. CAPITOL DR. TO STA. 7+00
(1 OF 2) #341 29559 12" X 100' ST211150173

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
EP EXCESSIVE PITCH
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.						
CONCRETE PAVEMENT	S.Y.						
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. 342

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

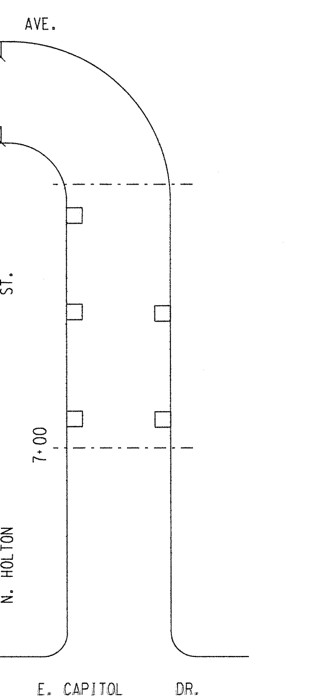
PLAN OF: N. HOLTON ST. (4200N, 300E)
E. CAPITOL DR. TO E. HOPE AVE.
THIS SECTION: STA. 7 + 00 TO E. HOPE AVE.

DRAWN BY	ML	DATE: 10-29-14	PROJECT NO. ST211150173	SHEET 2 OF 2
DESCRIPTIONS BY	ML	DATE: 10-29-14		
LEVELS BY	B. HOFFMANN	DATE: 8-8-14	SCALE 1"=10'	1/4 SEC. 241 / ALD. DIST. 6
LEVELS TRANSF. BY	B. HOFFMANN	DATE: 10-8-14		
DESIGNED BY	D. GEHRING	DATE: 9/28/15	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	SNYDER	DATE: 11-13-15	REVISED:	
CHECKED BY	S. Walczak	DATE: 3/22/16	REVISED:	
APPROVED BY	[signature]	DATE: 3/22/16	REVISED:	

FILE: V:\PWELIB\PAVING\29559.FIN
PLOT DATE: 22-MAR-2016

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W. - 0	RESET - 5	ABANDON - 0
PROJECT IN (SEPARATED) AREA		



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

DATE / TO	10/11/15	3/17/16
ESTIMATING	1	
HOLLOW WALKS (STREETS ONLY)	1	
PUBLIC HEARING	1	
CONSTRUCTION	1	6
SEWER ENG	1	
WATER ENG	1	
STREET LIGHTING	1	
TRAFFIC ENG	1	
DISTRICT	2	
MEASURING		1
FORESTRY	1	
UND. GRD. COND.	1	
WATER DIST.	1	
UTILITY COOR.	1	6
PLAN SIZE	12" X 100"	

N. HOLTON ST. - E. CAPITOL DR. TO E. HOPE AVE.
STA. 7 + 00 TO E. HOPE AVE.
(2 OF 2) #345 29559 12" X 120" ST211150173