NOTES :

- 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.
- IN AREAS OF GRINDING, GRIND TO ACHIEVE .12'MINIMUM COVER AT THE FLANGES,.17'AT BUTTS JOINTS AND .21' MINIMUM ELSEWHERE.
- PROJECT IS DESIGNED TO BE CONSTRUCTED IN TWO EQUAL PASSES WITH A 0.08 CROWN IN EACH PASS, REDUCING THROUGH THE INTERSECTION AS SHOWN.

CONTROL POINTS

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

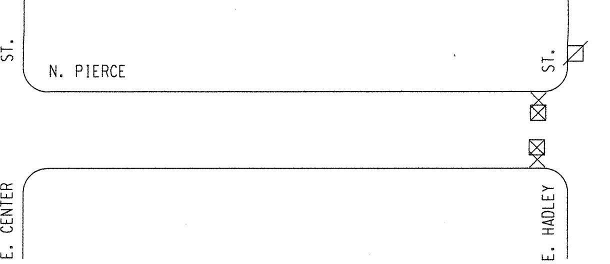
ESTIMATE / CERTIFICATE QUANTITIES

	DESCRIPTION	UNIT	ASSESS.	X-ING			PLAN TOT.	PROJ.TOT.
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.						
X	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	31" CONCRETE CURB & GUTTER	L.F.						
X	V.T. CONC.WALK &/OR DRIVEWAY	C.Y.						
X	5" CONCRETE WALK	S.F.						
X	7" CONCRETE DRIVEWAY	S.F.						
X	7" CONCRETE PAVEMENT	S.Y.						
	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.						
	CRUSHED STONE BASE							
	CRUSHED GRAVEL BASE							
X	GRAVEL FILLING	TON						
X	SODDING	S.Y.						
X	TOPSOIL	C.Y.						
	PAVEMENT GRINDING (ASPHALT)	S.Y.						
X	PAVEMENT GRINDING (CONCRETE)	S.Y.						
X	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						

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN			FILE NO. 382	
PLAN OF: N. PIERCE ST. (700E,2700N-3100N)				
E. CENTER ST. TO E. BURLEIGH ST.				
THIS SECTION: E. CENTER ST. TO E. HADLEY ST.				
DRAWN BY	D.BEKELE	DATE: 12-1-13	PROJECT NO. ST211120159	SHEET 1 OF 4
DESCRIPTIONS BY	D.BEKELE	DATE: 12-5-13		
LEVELS BY	B. HOFFMANN	DATE: 11-6-13	SCALE 1"=10'	1/4 SEC. 314 / ALD.DIST. 6
LEVELS TRANSF. BY	B. HOFFMANN	DATE: 11-6-13		
DESIGNED BY	R. DUCHOW	DATE: 02-05-14	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	B. SNYDER	DATE: 11-11-14	REVISED: HADLEY INT ADDED 2-18-16	
CHECKED BY	[signature]	DATE: 2/24/16	REVISED:	
APPROVED BY	[signature]	DATE: 2/24/16	REVISED:	
FILE: V:\PWELIB\PAVING\27690.FIN				
PLOT DATE: 22-FEB-2016				

THIS SHEET

STORM DRAIN	
C.B.W.- 2	RESET-
PROJECT IN (COMB) AREA	



EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	⊠ - CBW	□ - RESET	X - ABANDON	⊘
THIS SHEET	3	2	0	2	NO WORK
PROJECT TOTAL	16	10	0	8	NO WORK

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						

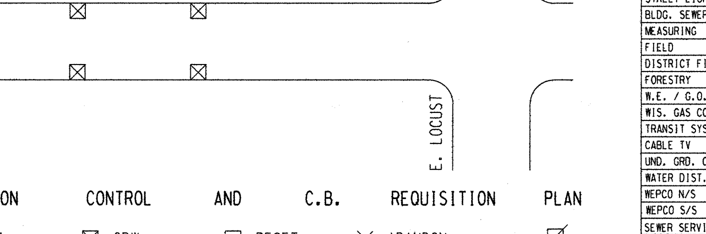
CONDITION OF CONCRETE

- 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

DEPARTMENT OF PUBLIC WORKS INFRASTRUCTURE SERVICES DIVISION FIELD OPERATIONS FIELD & DESIGN ENGINEERING MILWAUKEE, WISCONSIN			FILE NO. 383		
PLAN OF: N. PIERCE ST.					
E. CENTER ST. TO E. BURLEIGH ST.					
THIS SECTION: E. HADLEY ST. TO E. LOCUST ST.					
DRAWN BY	D.BEKELE	DATE: 12-1-13	PROJECT NO.		
DESCRIPTIONS BY	D.BEKELE	DATE: 12-5-13	ST211120159	SHEET 2 OF 4	
LEVELS BY	B. HOFFMANN	DATE: 11-6-13	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY	B. HOFFMANN	DATE: 11-6-13	1" = 10'	314	6
DESIGNED BY	R. DUCHOW	DATE: 02-05-14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	B. SNYDER	DATE: 11-11-14	REVISED: HADLEY INT ADDED 2-18-16		
CHECKED BY	[signature]	DATE: 2/24/16	REVISED:		
APPROVED BY	[signature]	DATE: 2/24/16	REVISED:		
FILE: V:\PWELIB\PAVING\27690.FIN					
PLOT DATE: 22-FEB-2016					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W. - 4	RESET - 0	ABANDON - 2
PROJECT IN (COMB) AREA		

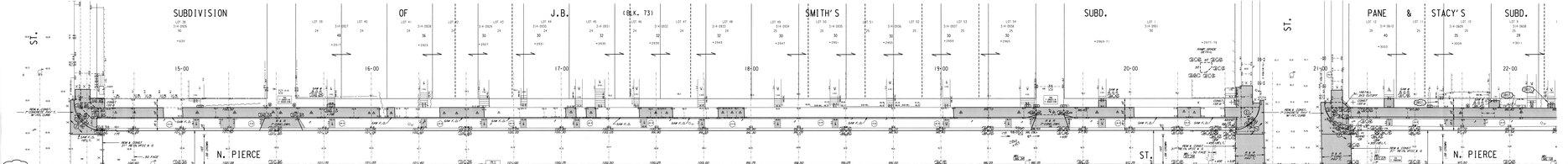


EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	☒ - CBW	☐ - RESET	X - ABANDON	☐ (struck)
THIS SHEET	6	4	0	2	NO WORK

TO \ DATE	2/24/16	2/24/16			
ESTIMATING	1				
HOLLOW WALKS	1				
PUBLIC HEARING	1				
CONSTRUCTION	1	6			
SEWER	1				
WATER	1				
STREET LIGHTING	1				
BLDG. SEWERS					
MEASURING		1			
FIELD					
DISTRICT FILE	2				
FORESTRY	1				
W.E. / G.O.					
WIS. GAS CO.					
TRANSIT SYSTEM					
CABLE TV					
UND. GRD. COND.					
WATER DIST.	1				
WEPCO N/S					
WEPCO S/S					
SEWER SERVICES					
UTILITY COOR.	1				
Traffic Eng	1				
Rm 506		6			
PLAN SIZE	17" X 114"				

N. PIERCE ST. - E. CENTER ST. TO E. BURLEIGH ST.
ST211120159 17" X 114" # (2 OF 4)



ESTIMATE / CERTIFICATE QUANTITIES

DESCRIPTION	UNITS	ESTIMATED	ACTUAL	PLAN TO FINAL	%C
MOBILIZATION	LS.				
CLEARING, ROUGHLY	LS.				
DEMOLISHING AND REMOVING	LS.				
GRADING	L.S.				
GRADING	L.S.				
PAVEMENT FULLDEPTH	L.S.				
PAVEMENT REMOVAL	L.S.				
EXTENSION PORTLAND REMOVAL	L.S.				
PORTLAND CONCRETE PAVEMENT	L.S.				
PORTLAND CONCRETE PAVEMENT	L.S.				
SAMPLE FULL DEPTH	L.S.				
TRUCK CLEARANCE	L.S.				
TRUCK CLEARANCE	L.S.				
CONCRETE CURB & GUTTER	L.F.				
CONCRETE CURB & GUTTER	L.F.				
6" CONCRETE WALK	S.F.				
8" CONCRETE WALK	S.F.				
6" CONCRETE DRIVEWAY	S.Y.				
8" CONCRETE DRIVEWAY	S.Y.				
8" CONCRETE DRIVEWAY	S.Y.				
CONCRETE BASE	S.Y.				
BASE COURSE (ROAD)	S.Y.				
BASE COURSE (ROAD) (CAPITAL)	S.Y.				
PROJECT CONC BASE					
PROJECT CONC BASE (CAPITAL)	S.Y.				
CONCRETE	S.Y.				
CONCRETE	S.Y.				
PAVEMENT OVERLAY (CAPITAL)	S.Y.				
PAVEMENT OVERLAY (CONCRETE)	S.Y.				
PAVEMENT OVERLAY (CONCRETE)	S.Y.				
SAMPLE FULL DEPTH	S.Y.				
SAMPLE FULL DEPTH	S.Y.				
CONCRETE CURB & GUTTER	L.F.				
CONCRETE CURB & GUTTER (CAPITAL)	L.F.				
6" CONCRETE WALK	S.F.				
8" CONCRETE WALK	S.F.				
6" CONCRETE DRIVEWAY	S.Y.				
8" CONCRETE DRIVEWAY	S.Y.				
8" CONCRETE DRIVEWAY	S.Y.				
CONCRETE BASE	S.Y.				
BASE COURSE (ROAD)	S.Y.				
BASE COURSE (ROAD) (CAPITAL)	S.Y.				
PROJECT CONC BASE					
PROJECT CONC BASE (CAPITAL)	S.Y.				
CONCRETE	S.Y.				
CONCRETE	S.Y.				
PAVEMENT OVERLAY (CAPITAL)	S.Y.				
PAVEMENT OVERLAY (CONCRETE)	S.Y.				
PAVEMENT OVERLAY (CONCRETE)	S.Y.				
SAMPLE FULL DEPTH	S.Y.				
SAMPLE FULL DEPTH	S.Y.				
CONCRETE CURB & GUTTER	L.F.				
CONCRETE CURB & GUTTER (CAPITAL)	L.F.				

DIRECTION CONCRETE
1 BRASS
2 BLUE (.1MIL)
3 BLUE PLITHOD
4 ORANGE
5 EXCESSIVE PITTING
6 ADHERED
7 JOINT FAILURE
8 MIXED (ADHERED)
9 PATCHED
10 POOR CONSTRUCTION
11 BUTTERED
12 SPALLED
13 DRY SAND
14 DEEP PEEL

DEPARTMENT OF PUBLIC WORKS
INFRASTRUCTURE SERVICES DIVISION
CITY OF HUMBOLDT
P.O. BOX 1270, HUMBOLDT
HUMBOLDT, WISCONSIN

PLAN OF N. PIERCE ST. (TRACK "DONE")

REV. SECTION	REVISED	C.O.	COMMENTS		
PROJECT NO.					SHEET 5 OF 8
1.0	1.0	SEPTEMBER	1.0	1.0	1.0
1.0	1.0	SEPTEMBER	1.0	1.0	1.0
1.0	1.0	SEPTEMBER	1.0	1.0	1.0
1.0	1.0	SEPTEMBER	1.0	1.0	1.0
1.0	1.0	SEPTEMBER	1.0	1.0	1.0
1.0	1.0	SEPTEMBER	1.0	1.0	1.0
1.0	1.0	SEPTEMBER	1.0	1.0	1.0
1.0	1.0	SEPTEMBER	1.0	1.0	1.0

THIS SHEET

1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
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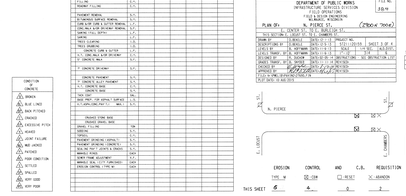
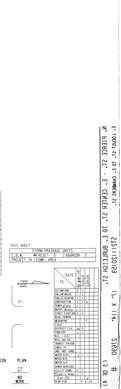
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0





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						

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

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

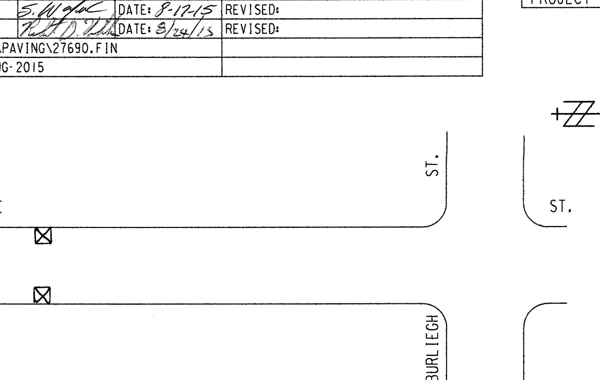
FILE NO. 385

PLAN OF: N. PIERCE ST. (3000 N, 700 E)
E. CENTER ST. TO E. BURLEIGH ST.
THIS SECTION: E. CHAMBERS ST. TO E. BURLEIGH ST.

DRAWN BY	D. BEKELE	DATE: 12-1-13	PROJECT NO. ST211120159		SHEET 4 OF 4
DESCRIPTIONS BY	D. BEKELE	DATE: 12-5-13			
LEVELS BY	B. HOFFMANN	DATE: 11-6-13	SCALE	1/4 SEC.	ALD. DIST.
LEVELS TRANSF. BY	B. HOFFMANN	DATE: 11-6-13	1" = 10'	314	6
DESIGNED BY	R. DUCHOW	DATE: 02-05-14	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	B. SNYDER	DATE: 11-11-14	REVISED:		
CHECKED BY	S. W[illegible]	DATE: 8-17-15	REVISED:		
APPROVED BY	[illegible signature]	DATE: 8/24/15	REVISED:		
FILE: V:\PWELIB\PAVING\27690.FIN					
PLOT DATE: 10-AUG-2015					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 4	RESET- 0	ABANDON- 2
PROJECT IN (COMB) AREA		



EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	⊠ - CBW	☐ - RESET	X - ABANDON	NO WORK
THIS SHEET	6	4	0	2	

TO \ DATE	8-28-15	2/24/16	2/24/16	
ESTIMATING	1	1		
HOLLOW WALKS	1	1		
PUBLIC HEARING	1	1		
CONSTRUCTION	1	1	6	
SEWER ENG.	1	1		
WATER ENG.	1	1		
STREET LIGHTING	1	1		
BLDG. SEWERS				
MEASURING			1	
FIELD				
DISTRICT FILE	2	2		
FORESTRY	1	1		
W.E. / G.O.				
WIS. GAS CO.				
TRANSIT SYSTEM				
CABLE TV				
UND. GRD. COND.				
WATER DIST.	1	1		
WEPCO N/S				
WEPCO S/S				
SEWER SERVICES				
UTILITY COOR.	1	1		
Traffic ENG	1	1		
Rm 506			6	
PLAN SIZE	17" X 114"			

(4 OF 4) # 27690 17" X 114" ST211120159 E. CENTER ST. TO E. BURLEIGH ST. - E. BURLEIGH ST.