STD. BM 1972-17 S.84TH ST. AND W. OKLAHOMA AVE. (SE CORNER) 9.1' W. AND 9.0' S. OF SE CORNER, 21.0' S. OF CURB AND 3.0' E. OF EAST CURB. ELEV.= 174.638

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 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 .12' MINIMUM COVER AT FLANGES, .17' AT BUTT JOINTS, AND .21' MINIMUM ELSEWHERE.*
- *PROJECT IS DESIGNED TO BE CONSTRUCTED WITH TWO DIFFERENT CROWN PASSES. A .16' CROWN PROVIDED ON THE WESTERN PASS, AND A .02' CROWN PROVIDED ON THE EASTERN PASS. (SEE PLAN)*

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.						
31" 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.)	TONS						
CRUSHED STONE BASE							
CRUSHED GRAVEL BASE							
GRAVEL FILLING	TON						
SODDING	S.Y.						
TOPSOIL	C.Y.						
PAVEMENT GRINDING	S.Y.						
PAVEMENT GRINDING	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						
JOINT & CRACK REPAIR	L.F.	700					
CRACK & SEAT	S.Y.						

STORM DRAINAGE UNITS		
C.B.W.- 0	RESET- 3	ABANDON- 0
PROJECT IN SEPARATED AREA		

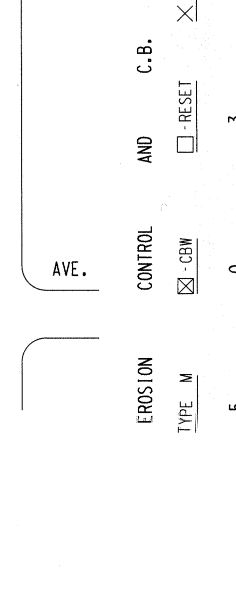
FILE NO. 396

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

PLAN OF: S. 81ST STREET (3400S, 8100W)
W. MORGAN AVE. TO W. HOLT AVE.
THIS SECTION:

DRAWN BY	C. BANACH	DATE: 4-30-13	PROJECT NO. ST211140138
DESCRIPTIONS BY	S. SALAPAT	DATE: 2-19-14	SHEET 1 OF 1
LEVELS BY	V. RIVERA	DATE: 4-26-13	SCALE 1" = 10' / 1/4 SEC. 527 / ALD. DIST. 11
LEVELS TRANSF. BY		DATE:	
DESIGNED BY	D. GEHRING	DATE: 06-02-14	OBSTRUCTIONS - SEE OBSTRUCTION LIST
GRADES TRANSF. BY	G. LANGE	DATE: 06-25-14	REVISED:
CHECKED BY	D. Ulatowski	DATE: 7/31/14	REVISED:
APPROVED BY	[signature]	DATE: 8/7/14	REVISED:
FILE: V:\PWELIB\PAVING\29351.FIN			
PLOT DATE: 25-JUL-2014			

TO / DATE	7/8/8	3/10/15
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	2
DISTRICT		
MEASURING		1
FORESTRY	1	
UND. GRD. COND.	1	
WATER DIST.	1	
UTILITY COOR.	1	
RM 506		6
PLAN SIZE	12" X 106"	



EROSION CONTROL AND C.B. REQUISITION PLAN

TYPE M	-CBW	-RESET	-ABANDON	NO WORK
5	0	3	0	

S. 81ST ST. - W. MORGAN AVE. TO W. HOLT AVE.
(1 OF 1) # 29351 12" X 106" ST211140138