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.
- PITCH FLANGE 0.08' UNLESS OTHERWISE SHOWN
- GRADE & SOD ENTIRE AREA BETWEEN CURB & CONCRETE WALK
- GRADE & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE DIRECTED
- IN AREAS OF GRINDING, GRIND TO ACHIEVE .12' MINIMUM COVER AT FLANGES, .17' AT BUTT JOINTS, AND .21' MINIMUM ELSEWHERE
- ANY TREE TO BE REMOVED AS PART OF THIS PROJECT WILL BE INDICATED IN THE CONTRACT SPECIAL PROVISIONS

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	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.						
X	8" CONCRETE PAVEMENT	S.Y.						
	7" CONCRETE ALLEY PAVEMENT	S.Y.						
X	V.T. CONCRETE BASE	C.Y.						
	CONCRETE BASE	S.Y.						
	TACK COAT	GAL.						
	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.						
X	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.						
X	MANHOLE SEAL (CITY FURNISHED)	EACH						
X	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. 192

PLAN OF: E. STEWART ST. (2000S, 300E)

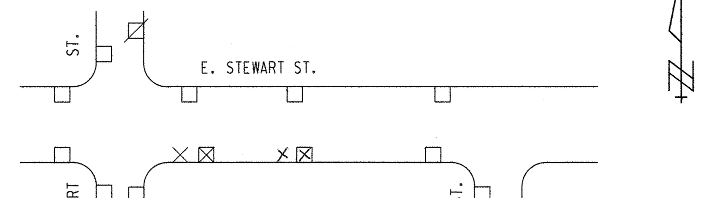
S. MARINA DR. TO S. HILBERT ST.

THIS SECTION: S. HILBERT ST. TO S. ALLIS ST.

DRAWN BY	W. SNYDER	DATE: 2-25-15	PROJECT NO. ST21100147	SHEET 1 OF 2
DESCRIPTIONS BY	W. SNYDER	DATE: 2-25-15		
LEVELS BY	S. TEKLESS.	DATE: 6-4-14	SCALE 1"=10'	1/4 SEC. 466 / ALD.DIST. 14
LEVELS TRANSF. BY		DATE:		
DESIGNED BY	M. SCHULTZ	DATE: 3-2-15	OBSTRUCTIONS - SEE OBSTRUCTION LIST	
GRADES TRANSF. BY	M. LEE	DATE: 3-23-15	REVISED:	
CHECKED BY	D. Ulafowsk	DATE: 10/1/15	REVISED:	
APPROVED BY	[signature]	DATE: 10/1/15	REVISED:	
FILE: V:\PWELIB\PAVING\25238.FIN				
PLOT DATE: 24-SEP-2015				

THIS SHEET

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

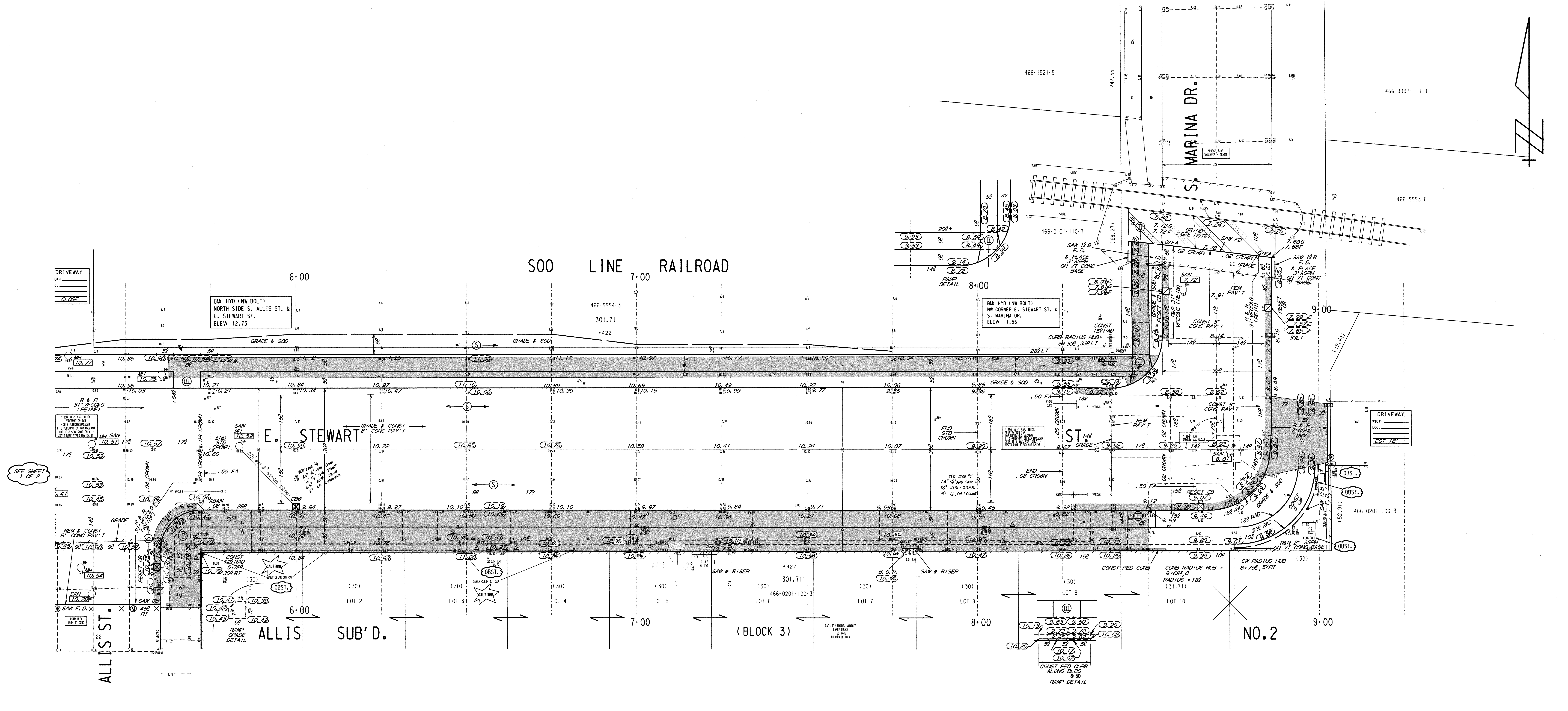


EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	⊠ - CBW	- RESET	X - ABANDON	PLAN
THIS SHEET	13	2	10	2	NO WORK
PROJECT TOTAL	18	3	14	2	NO WORK

TO \ DATE	10/2/15
ESTIMATING	1
HOLLOW WALKS (STREETS ONLY)	1
PUBLIC HEARING	1
CONSTRUCTION	1
SEWER ENG	1
WATER ENG	1
STREET LIGHTING	1
TRAFFIC ENG	1
DISTRICT	2
MEASURING	Ø
FORESTRY	1
UND. GRD. COND.	Ø
WATER DIST.	1
UTILITY COOR.	1
PLAN SIZE	22" X 102"

E. STEWART ST., S. MARINA DR. TO S. HILBERT ST. — S. HILBERT ST. TO S. ALLIS ST. — ST21100147 — 22" X 102" — 25238 # (1 OF 2)



NOTES :

- Ⓘ, Ⓘ Ⓘ, Ⓘ Ⓘ Ⓘ, 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.						
8" 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						

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

FILE NO. 193

PLAN OF: E. STEWART ST. (2000S, 400E)

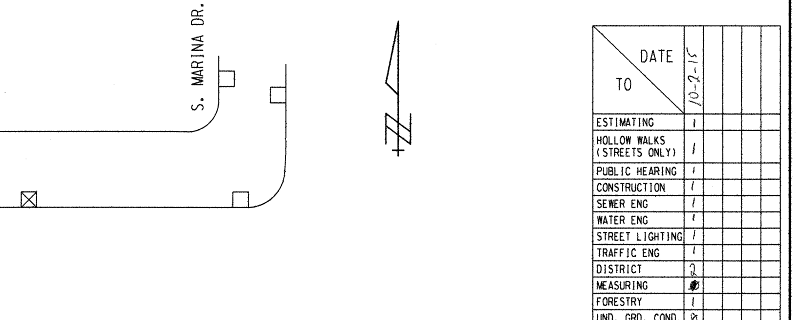
S. MARINA DR. TO S. HILBERT ST.

THIS SECTION: S. ALLIS ST. TO S. MARINA DR.

DRAWN BY	W. SNYDER	DATE: 2-25-15	PROJECT NO. ST21100147	SHEET 2 OF 2	
DESCRIPTIONS BY	W. SNYDER	DATE: 2-25-15			
LEVELS BY	S. TEKLESS.	DATE: 6-4-14	SCALE	1/4 SEC.	ALD.DIST.
LEVELS TRANSF. BY		DATE:	1" = 10'	466	14
DESIGNED BY	M. SCHULTZ	DATE: 3-2-15	OBSTRUCTIONS - SEE OBSTRUCTION LIST		
GRADES TRANSF. BY	M. LEE	DATE: 3-23-15	REVISED:		
CHECKED BY	D. Ulatowski	DATE: 10/1/15	REVISED:		
APPROVED BY	[signature]	DATE: 10/1/15	REVISED:		
FILE: V:\PWELIB\PAVING\25238.FIN					
PLOT DATE: 24-SEP-2015					

THIS SHEET

STORM DRAINAGE UNITS		
C.B.W.- 1	RESET- 4	ABANDON- 1
PROJECT IN (SEPARATED) AREA		



EROSION CONTROL AND C.B. REQUISITION PLAN

	TYPE M	☒ - CBW	☐ - RESET	✕ - ABANDON	NO WORK
THIS SHEET	5	1	4	1	

TO / DATE	10-2-15
HOLLOW WALKS (STREETS ONLY)	1
PUBLIC HEARING	1
CONSTRUCTION	1
SEWER ENG	1
WATER ENG	1
STREET LIGHTING	1
TRAFFIC ENG	1
DISTRICT	2
MEASURING	[illegible]
FORESTRY	1
UND. GRD. COND.	[illegible]
WATER DIST.	1
UTILITY COOR.	1
PLAN SIZE	22" X 80"

E. STEWART ST., S. MARINA DR. TO S. HILBERT ST.

ST21100147

22" X 80"

25238 # (2 OF 2)