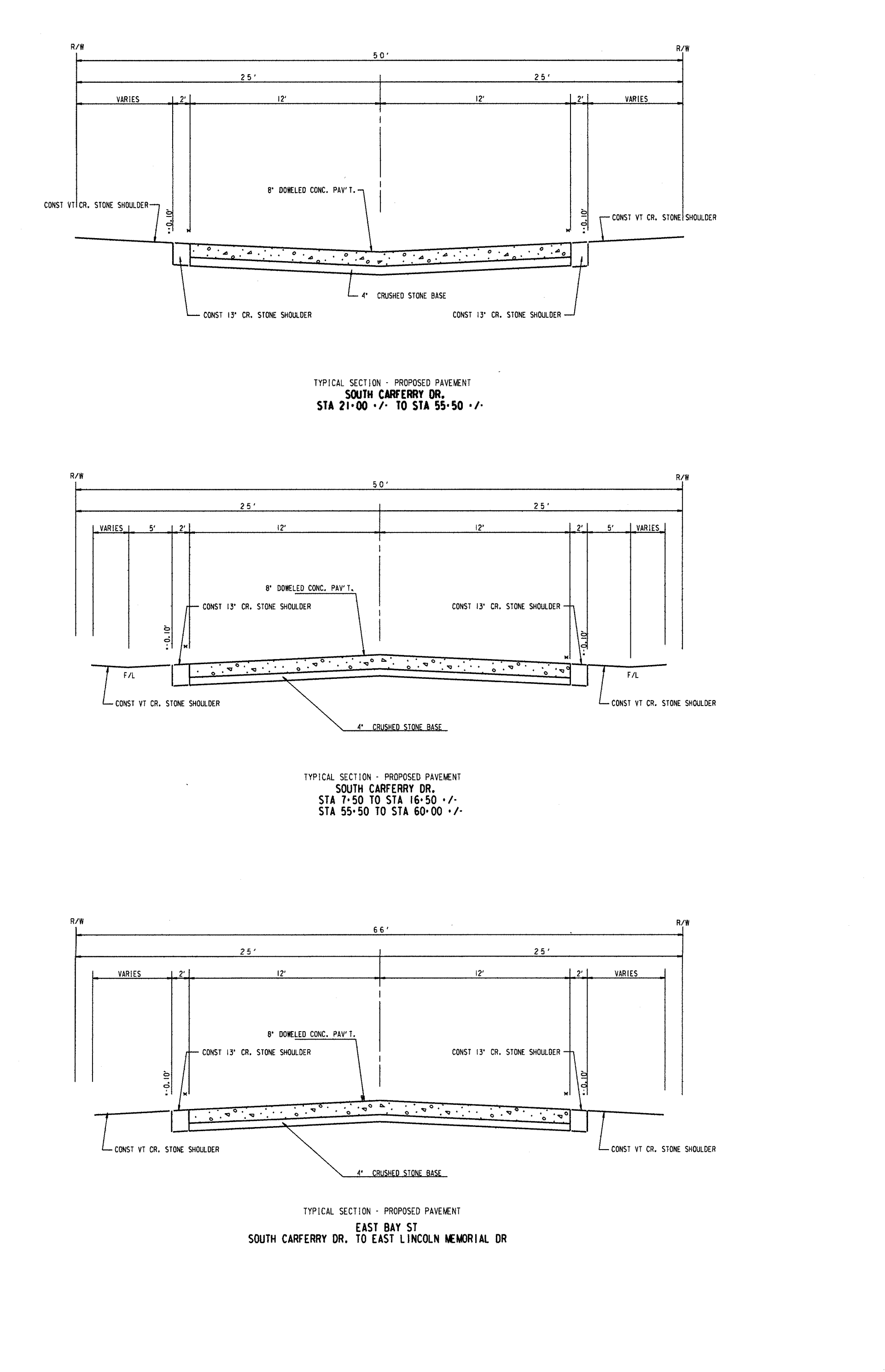


NOTES :

- Ⓘ, Ⓘⓘ, Ⓘⓘⓘ, 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.
- IN AREAS OF GRINDING, GRIND TO OBTAIN 0.25' MINIMUM SUBGRADE INCLUDING BUTT JTS.

| 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 |

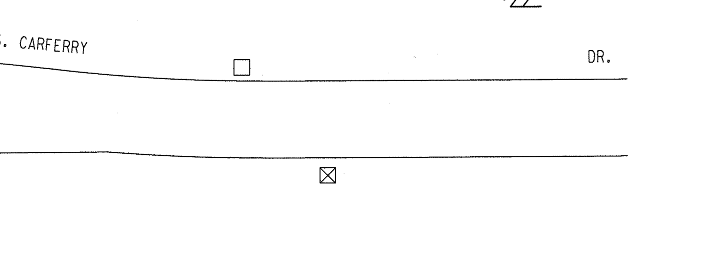
## ESTIMATE / CERTIFICATE QUANTITIES

| | 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. | | | | | | |
| ☒ | 13" CRUSHED STONE SHOULDER | S.F. | | | | | | |
| | 7" CONCRETE DRIVEWAY | S.F. | | | | | | |
| | | | | | | | | |
| ☒ | 8" DOWELED 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. | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| ☒ | 4" CRUSHED STONE BASE | S.Y. | | | | | | |
| | 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<br>INFRASTRUCTURE SERVICES DIVISION<br>FIELD OPERATIONS<br>FIELD & DESIGN ENGINEERING<br>MILWAUKEE, WISCONSIN | | | FILE NO. 307 | |
|---|---|---|---|---|
| PLAN OF: S, CARFERRY DR. | | | | |
| E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE. | | | | |
| THIS SECTION: E. LINCOLN AVE. TO A PT. 600' N. OF E. LINCOLN AVE. | | | | |
| DRAWN BY | | DATE: | PROJECT NO. ST211120144 | SHEET 1 OF 10 |
| DESCRIPTIONS BY | S.BIEGANSKI | DATE: 1-3-12 | | |
| LEVELS BY | KLINKIEWICZ | DATE: 2-26-13 | SCALE 1"=10' | 1/4 SEC. 465 / ALD.DIST. 14 |
| LEVELS TRANSF. BY | | DATE: | | |
| DESIGNED BY | S.WALCZAK | DATE: 2-26-13 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | |
| GRADES TRANSF. BY | B.MATHENY | DATE: 3-6-13 | REVISED: VARIOUS SHEETS REVISED, 9/4/13 | |
| CHECKED BY | D. Ulabuh | DATE: 9/4/13 | | |
| APPROVED BY | [signature] | DATE: 9/4/13 | REVISED: | |
| FILE: V:\PWELIB\PAVING\29124.FIN | | | | |
| PLOT DATE: 04-SEP-2013 | | | | |

PROJECT TOTAL

| STORM DRAINAGE UNITS | | |
|---|---|---|
| C.B.W.- 17 | RESET- 1 | ABANDON- 0 |
| PROJECT IN (SEPARATED) AREA | | |




EROSION CONTROL AND C.B. REQUISITION PLAN

| | TYPE M | ☒ - CBW | ☐ - RESET | X - ABANDON | ☐ |
|---|---|---|---|---|---|
| THIS SHEET | 2 | 1 | 1 | 0 | NO WORK |
| PROJECT TOTAL | 19 | ~~17~~ 16 | 1 | 0 | |

| TO \ DATE | 6-3-13 |
|---|---|
| ESTIMATING | 1 |
| HOLLOW WALKS | 1 |
| PUBLIC HEARING | 1 |
| CONSTRUCTION | 1 |
| SEWER | 1 |
| WATER | 1 |
| STREET LIGHTING | 1 |
| BLDG. SERVICES | 1 |
| MEASURING | |
| FIELD | |
| 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 | 1 |
| WEPCO S/S | 1 |
| SEWER SERVICES | |
| UTILITY COOR. | 1 |
| PORT OF MILW | 1 |
| TRAF. ENG. | 1 |
| PLAN SIZE | |

#307 S. CARFERRY DR. - E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE. ST211120144 18" X 120" 29124 E. LINCOLN AVE. TO A PT. 600' N. OF E. LINCOLN AVE. (1 OF 10)

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.

## 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 |
| 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. 308

PLAN OF: S. CARFERRY DR.

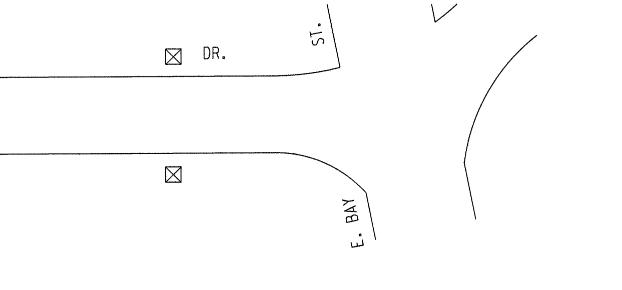
E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE.

THIS SECTION: A PT. 600' N. OF E. LINCOLN AVE. TO E. BAY ST.

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY | | DATE: | PROJECT NO. ST211120144 | | SHEET 2 OF 10 |
| DESCRIPTIONS BY | S.BIEGANSKI | DATE: 1-3-12 | | | |
| LEVELS BY | KLINKIEWICZ | DATE: 2-26-13 | SCALE | 1/4 SEC. | ALD. DIST. |
| LEVELS TRANSF. BY | | DATE: | 1" = 10' | 465 | 14 |
| DESIGNED BY | S.WALCZAK | DATE: 2-26-13 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | | |
| GRADES TRANSF. BY | B.MATHENY | DATE: 3-6-13 | REVISED: | | |
| CHECKED BY | D. Ulnfouch | DATE: 9/4/13 | REVISED: | | |
| APPROVED BY | [signature] | DATE: 9/4/13 | REVISED: | | |
| FILE: V:\PWELIB\PAVING\29124.FIN | | | | | |
| PLOT DATE: 03-SEP-2013 | | | | | |

THIS SHEET

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




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

| DATE / TO | | | | | |
|---|---|---|---|---|---|
| ESTIMATING | | | | | |
| HOLLOW WALKS | | | | | |
| PUBLIC HEARING | | | | | |
| CONSTRUCTION | | | | | |
| SEWER | | | | | |
| WATER | | | | | |
| STREET LIGHTING | | | | | |
| BLDG. SERVICES | | | | | |
| MEASURING | | | | | |
| FIELD | | | | | |
| DISTRICT FILE | | | | | |
| FORESTRY | | | | | |
| W.E. / G.O. | | | | | |
| WIS. GAS CO. | | | | | |
| TRANSIT SYSTEM | | | | | |
| CABLE TV | | | | | |
| UND. GRD. COND. | | | | | |
| WATER DIST. | | | | | |
| WEPCO N/S | | | | | |
| WEPCO S/S | | | | | |
| SEWER SERVICES | | | | | |
| UTILITY COOR. | | | | | |
| | | | | | |
| | | | | | |
| PLAN SIZE | | | | | |

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
- 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 | | | | | | |

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

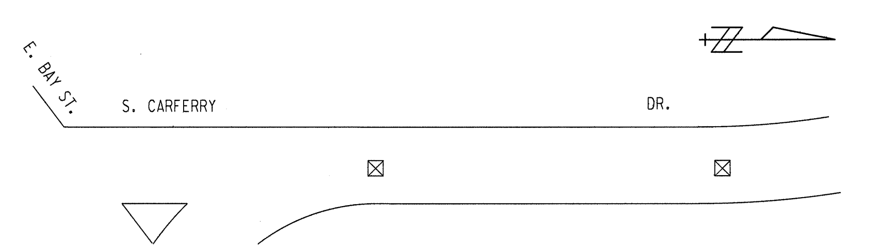
FILE NO. 309

PLAN OF: S. CARFERRY DR.
E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE.
THIS SECTION: E. BAY ST. TO A PT. 800' N. OF E. BAY

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY | | DATE: | PROJECT NO. | | |
| DESCRIPTIONS BY | S.BIEGANSKI | DATE: 1-3-12 | ST211120144 | SHEET 3 OF 10 | |
| LEVELS BY | KLINKIEWICZ | DATE: 2-26-13 | SCALE | 1/4 SEC. | ALD. DIST. |
| LEVELS TRANSF. BY | | DATE: | 1" = 10' | 465 | 14 |
| DESIGNED BY | S.WALCZAK | DATE: 2-26-13 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | | |
| GRADES TRANSF. BY | B.MATHENY | DATE: 3-6-13 | REVISED: | | |
| CHECKED BY | D. Ulatowski | DATE: 9/4/13 | REVISED: | | |
| APPROVED BY | [illegible] | DATE: 9/4/13 | REVISED: | | |
| FILE: V:\PWELIB\PAVING\29124.FIN | | | | | |
| PLOT DATE: 03-SEP-2013 | | | | | |

THIS SHEET

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




EROSION CONTROL AND C.B. REQUISITION PLAN

| | TYPE M | ☒ - CBW | ☐ - RESET | ✕ - ABANDON | NO WORK |
|---|---|---|---|---|---|
| THIS SHEET | 2 | 2 | 0 | 0 | |

| DATE / TO | | | | | |
|---|---|---|---|---|---|
| ESTIMATING | | | | | |
| HOLLOW WALKS | | | | | |
| PUBLIC HEARING | | | | | |
| CONSTRUCTION | | | | | |
| SEWER | | | | | |
| WATER | | | | | |
| STREET LIGHTING | | | | | |
| BLDG. SERVICES | | | | | |
| MEASURING | | | | | |
| FIELD | | | | | |
| DISTRICT FILE | | | | | |
| FORESTRY | | | | | |
| W.E. / G.O. | | | | | |
| WIS. GAS CO. | | | | | |
| TRANSIT SYSTEM | | | | | |
| CABLE TV | | | | | |
| UND. GRD. COND. | | | | | |
| WATER DIST. | | | | | |
| WEPCO N/S | | | | | |
| WEPCO S/S | | | | | |
| SEWER SERVICES | | | | | |
| UTILITY COOR. | | | | | |
| | | | | | |
| PLAN SIZE | | | | | |

E. BAY ST. TO A PT. 800' N. OF E. BAY
S. CARFERRY DR. - E. LINCOLN AVE. TO A PT. 5100' ± N. OF E. LINCOLN
ST211120144 18" X 120" 29124
(3 OF 10) #309

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.

## 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
- H HEAVED
- JF JOINT FAILURE
- MJ MUD JACKED
- P PATCHED
- PC POOR CONDITION
- S SETTLED
- SP SPALLED
- VG VERY GOOD
- VP VERY POOR

THIS SHEET
STORM DRAINAGE UNITS
C.B.W.- 1 RESET- 0 ABANDON- 0
PROJECT IN (SEPARATED) AREA

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

PLAN OF: S. CARFERRY DR.
E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE.
THIS SECTION: PTS. 800' TO 1600' N. OF E. BAY ST.

| | | |
|---|---|---|
| DRAWN BY | | DATE: |
| DESCRIPTIONS BY | S.BIECANSKI | DATE: 1-3-12 |
| LEVELS BY | KLINKIEWICZ | DATE: 2-26-13 |
| LEVELS TRANSF. BY | | DATE: |
| DESIGNED BY | S.WALCZAK | DATE: 2-26-13 |
| GRADES TRANSF. BY | B.MATHENY | DATE: 3-6-13 |
| CHECKED BY | D. [illegible] | DATE: 4/4/13 |
| APPROVED BY | | DATE: |

FILE: V:\PMELIB\PAVING\29124.FIN
PLOT DATE: 03-SEP-2013

PROJECT NO. ST211120144 | SCALE 1"=10' | SHEET 4 OF 10 | 1/4 SEC. 465 | ALD.DIST. 14 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | REVISED:

FILE NO. 310

DATE | TO | ESTIMATING | HOLLOW WALKS | PUBLIC HEARING | CONSTRUCTION | SEWER | WATER | STREET LIGHTING | BLDG. SERVICES | MEASURING | FIELD | DISTRICT FILE | FORESTRY | W.E. / G.O. | WIS. GAS CO. | TRANSIT SYSTEM | CABLE TV | UND. GRD. COND. | WATER DIST. | WEPCO W/S | WEPCO S/S | SEWER SERVICES | UTILITY COOR. | PLAN SIZE

THIS SHEET — EROSION CONTROL AND C.B. REQUISITION PLAN
TYPE M: 1 | ☒ - CBW: 1 | ☐ - RESET: 0 | ╳ - ABANDON: 0 | NO WORK

S. CARFERRY

S. CARFERRY DR. - E. LINCOLN AVE. TO A PT. 5100' ± N. OF E. LINCOLN AVE. - 800' TO 1600' N. OF E. BAY ST.
ST211120144 1/4 SEC. 465 29124 #310 (4 OF 10)

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.

## 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
- H HEAVED
- JF JOINT FAILURE
- MJ MUD JACKED
- P PATCHED
- PC POOR CONDITION
- S SETTLED
- SP SPALLED
- VGC VERY GOOD
- VPC VERY POOR

THIS SHEET

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

| | |
|---|---|
| FILE NO. | 311 |

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

PLAN OF: S. CARFERRY DR.

E. LINCOLN AVE. TO A PT. 5100' ± N. OF E. LINCOLN AVE.

THIS SECTION: PTS. 1600' TO 2400' N. OF E. BAY ST.

| | | | |
|---|---|---|---|
| DRAWN BY | | DATE: | PROJECT NO. ST211120144 |
| DESCRIPTIONS BY | S. BIEGANSKI | DATE: 1-3-12 | SHEET 5 OF 10 |
| LEVELS BY | KLINKIEWICZ | DATE: 2-26-13 | SCALE 1"=10' / 1/4 SEC. 465 / ALD. DIST. 14 |
| LEVELS TRANSF. BY | | DATE: | |
| DESIGNED BY | S. WALCZAK | DATE: 2-26-13 | OBSTRUCTIONS - SEE OBSTRUCTION LIST |
| GRADES TRANSF. BY | B. MATHENY | DATE: 3-6-13 | REVISED: |
| CHECKED BY | D. Ulashek | DATE: 9/4/13 | REVISED: |
| APPROVED BY | [signature] | DATE: 9/4/13 | REVISED: |
| FILE: V:\PWELIB\PAVING\29124.FIN | | | |
| PLOT DATE: 03-SEP-2013 | | | |

| DATE / TO | | | | | |
|---|---|---|---|---|---|
| ESTIMATING | | | | | |
| HOLLOW WALKS | | | | | |
| PUBLIC HEARING | | | | | |
| CONSTRUCTION | | | | | |
| SEWER | | | | | |
| WATER | | | | | |
| STREET LIGHTING | | | | | |
| BLDG. SERVICES | | | | | |
| MEASURING | | | | | |
| FIELD | | | | | |
| DISTRICT FILE | | | | | |
| FORESTRY | | | | | |
| W.E. / G.O. | | | | | |
| WIS. GAS CO. | | | | | |
| TRANSIT SYSTEM | | | | | |
| CABLE TV | | | | | |
| UND. GRD. COND. | | | | | |
| WATER DIST. | | | | | |
| WEPCO N/S | | | | | |
| WEPCO S/S | | | | | |
| SEWER SERVICES | | | | | |
| UTILITY COOR. | | | | | |
| | | | | | |
| PLAN SIZE | | | | | |

S. CARFERRY DR.

| | EROSION CONTROL | C.B. | REQUISITION | PLAN |
|---|---|---|---|---|
| | TYPE M | ☒ - CBW | ☐ - RESET | X - ABANDON | NO WORK |
| THIS SHEET | 3 | 3 | 0 | 0 | |

#311 (5 OF 10) 29124 120" X 12" S. CARFERRY DR. - E. LINCOLN AVE. TO A PT. 5100' ± N. OF E. LINCOLN AVE. ST211120144 PTS. 1600' TO 2400' N. OF E. BAY ST.

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.

## 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 | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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

FILE NO. 312

PLAN OF: S. CARFERRY DR.
E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE.
THIS SECTION: PTS. 2400' TO 3400' N. OF E. BAY ST.

| | | | |
|---|---|---|---|
| DRAWN BY | | DATE: | PROJECT NO. ST211120144 |
| DESCRIPTIONS BY | S. BIEGANSKI | DATE: 1-3-12 | SHEET 6 OF 10 |
| LEVELS BY | KLINKIEWICZ | DATE: 2-26-13 | SCALE 1" = 10' |
| LEVELS TRANSF. BY | | DATE: | 1/4 SEC. 465 / ALD. DIST. 14 |
| DESIGNED BY | S. WALCZAK | DATE: 2-26-13 | OBSTRUCTIONS - SEE OBSTRUCTION LIST |
| GRADES TRANSF. BY | B. MATHENY | DATE: 3-6-13 | REVISED: GRADE CHANGES AROUND 50+00 S. WALCZAK 7/29/2013 |
| CHECKED BY | | DATE: 9/4/13 | |
| APPROVED BY | | DATE: 9/4/13 | REVISED: |
| FILE: V:\PWELIB\PAVING\29124.FIN | | | |
| PLOT DATE: 03-SEP-2013 | | | |

THIS SHEET

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

| DATE / TO | | | | |
|---|---|---|---|---|
| ESTIMATING | | | | |
| HOLLOW WALKS | | | | |
| PUBLIC HEARING | | | | |
| CONSTRUCTION | | | | |
| SEWER | | | | |
| WATER | | | | |
| STREET LIGHTING | | | | |
| BLDG. SERVICES | | | | |
| MEASURING | | | | |
| FIELD | | | | |
| DISTRICT FILE | | | | |
| FORESTRY | | | | |
| W.E. / G.O. | | | | |
| WIS. GAS CO. | | | | |
| TRANSIT SYSTEM | | | | |
| CABLE TV | | | | |
| UND. GRD. COND. | | | | |
| WATER DIST. | | | | |
| WEPCO N/S | | | | |
| WEPCO S/S | | | | |
| SEWER SERVICES | | | | |
| UTILITY COOR. | | | | |
| PLAN SIZE | | | | |

S. CARFERRY DR.

| | EROSION CONTROL | AND C.B. | REQUISITION | PLAN |
|---|---|---|---|---|
| | TYPE M | ☒ - CBW | ☐ - RESET | X - ABANDON | NO WORK |
| THIS SHEET | 4 | 3 | 0 | 0 | |

S. CARFERRY DR. - E. LINCOLN AVE. TO A PT. 5100' ± N. OF E. LINCOLN AVE. (6 OF 10)
PTS. 2400' TO 3400' N. OF E. BAY ST. ST211120144 12" X 126" 29124 #312

*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.*

## 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 |
| 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<br>INFRASTRUCTURE SERVICES DIVISION<br>FIELD OPERATIONS<br>FIELD & DESIGN ENGINEERING<br>MILWAUKEE, WISCONSIN | | | FILE NO. 313 | | |
|---|---|---|---|---|---|
| PLAN OF: S. CARFERRY DR. | | | | | |
| E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE. | | | | | |
| THIS SECTION: PTS. 3400' TO 4200' N. OF E. BAY ST. | | | | | |
| DRAWN BY | | DATE: | PROJECT NO. | | |
| DESCRIPTIONS BY | S.BIEGANSKI | DATE: 1-3-12 | ST211120144 | SHEET 7 OF 10 | |
| LEVELS BY | KLINKIEWICZ | DATE: 2-26-13 | SCALE | 1/4 SEC. | ALD.DIST. |
| LEVELS TRANSF. BY | | DATE: | 1" = 10' | 465 | 14 |
| DESIGNED BY | S.WALCZAK | DATE: 2-26-13 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | | |
| GRADES TRANSF. BY | B.MATHENY | DATE: 3-6-13 | REVISED: 7/29/13 GRADE CHANGES | | |
| CHECKED BY | D. Urbanski | DATE: 9/4/13 | 53+00 TO 56+00- WALCZAK | | |
| APPROVED BY | [signature] | DATE: 9/4/13 | | | |
| FILE: V:\PWELIB\PAVING\29124.FIN | | | | | |
| PLOT DATE: 04-SEP-2013 | | | | | |

THIS SHEET

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

S. CARFERRY DR.

EROSION CONTROL AND C.B. REQUISITION PLAN

| | TYPE M | ☒ - CBW | ☐ - RESET | ✕ - ABANDON | ∅ |
|---|---|---|---|---|---|
| THIS SHEET | 2 | 2 | 0 | 0 | NO WORK |

| TO \ DATE | | | | | |
|---|---|---|---|---|---|
| ESTIMATING | | | | | |
| HOLLOW WALKS | | | | | |
| PUBLIC HEARING | | | | | |
| CONSTRUCTION | | | | | |
| SEWER | | | | | |
| WATER | | | | | |
| STREET LIGHTING | | | | | |
| BLDG. SERVICES | | | | | |
| MEASURING | | | | | |
| FIELD | | | | | |
| DISTRICT FILE | | | | | |
| FORESTRY | | | | | |
| W.E. / G.O. | | | | | |
| WIS. GAS CO. | | | | | |
| TRANSIT SYSTEM | | | | | |
| CABLE TV | | | | | |
| UND. GRD. COND. | | | | | |
| WATER DIST. | | | | | |
| WEPCO N/S | | | | | |
| WEPCO S/S | | | | | |
| SEWER SERVICES | | | | | |
| UTILITY COOR. | | | | | |
| PLAN SIZE | | | | | |

#313 (7 OF 10) 29124 18" X 126" ST211120144 S. CARFERRY DR. - E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE. PTS. 3400' TO 4200' N. OF E. BAY ST.

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.

## 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
- 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

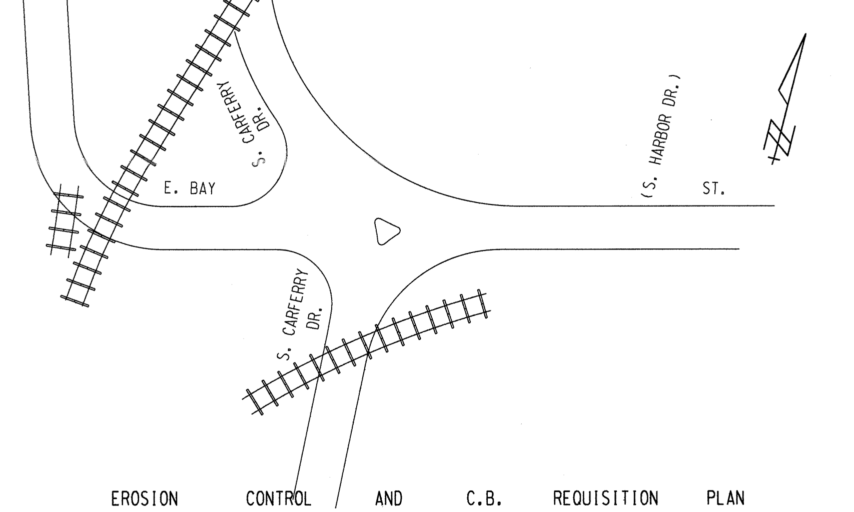
FILE NO. 314

PLAN OF: S. CARFERRY DR.
E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE.
THIS SECTION:

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY | | DATE: | PROJECT NO. | | |
| DESCRIPTIONS BY | S.BIEGANSKI | DATE: 1-3-12 | ST211120144 | SHEET 8 OF 10 | |
| LEVELS BY | KLINKIEWICZ | DATE: 2-26-13 | SCALE | 1/4 SEC. | ALD.DIST. |
| LEVELS TRANSF. BY | | DATE: | 1"=10' | 465 | 14 |
| DESIGNED BY | S.WALCZAK | DATE: 2-26-13 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | | |
| GRADES TRANSF. BY | B.MATHENY | DATE: 3-6-13 | REVISED: 8/2013 REVISED - WALCZAK | | |
| CHECKED BY | D. Ulrbach | DATE: 9/4/13 | REVISED: | | |
| APPROVED BY | [signature] | DATE: 9/4/13 | REVISED: | | |
| FILE: V:\PWELIB\PAVING\29124.FIN | | | | | |
| PLOT DATE: 04-SEP-2013 | | | | | |

THIS SHEET

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




EROSION CONTROL AND C.B. REQUISITION PLAN

| | TYPE M | ☒ - CBW | ☐ - RESET | ✕ - ABANDON | ⌀ |
|---|---|---|---|---|---|
| THIS SHEET | 3 | 3 | 0 | 0 | NO WORK |

| DATE / TO | | | | | | |
|---|---|---|---|---|---|---|
| ESTIMATING | | | | | | |
| HOLLOW WALKS | | | | | | |
| PUBLIC HEARING | | | | | | |
| CONSTRUCTION | | | | | | |
| SEWER | | | | | | |
| WATER | | | | | | |
| STREET LIGHTING | | | | | | |
| BLDG. SERVICES | | | | | | |
| MEASURING | | | | | | |
| FIELD | | | | | | |
| DISTRICT FILE | | | | | | |
| FORESTRY | | | | | | |
| W.E. / G.O. | | | | | | |
| WIS. GAS CO. | | | | | | |
| TRANSIT SYSTEM | | | | | | |
| CABLE TV | | | | | | |
| UND. GRD. COND. | | | | | | |
| WATER DIST. | | | | | | |
| WEPCO N/S | | | | | | |
| WEPCO S/S | | | | | | |
| SEWER SERVICES | | | | | | |
| UTILITY COOR. | | | | | | |
| PLAN SIZE | | | | | | |

S. CARFERRY DR. - E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE. ST211120144 18" X 120" 29124 #314 (8 OF 10)

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. | | | | | | |
| | | | | | | | |
| 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. 315

PLAN OF: S. CARFERRY DR.

E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN AVE.

THIS SECTION: E. BAY ST. - S. HARBOR DR. TO S. LINCOLN MEMORIAL DR.

| | | | | | |
|---|---|---|---|---|---|
| DRAWN BY | | DATE: | PROJECT NO. ST211120144 | | SHEET 9 OF 10 |
| DESCRIPTIONS BY | S.BIEGANSKI | DATE: 1-3-12 | | | |
| LEVELS BY | KLINKIEWICZ | DATE: 2-26-13 | SCALE | 1/4 SEC. | ALD. DIST. |
| LEVELS TRANSF. BY | | DATE: | 1" = 10' | 465 | 14 |
| DESIGNED BY | S.WALCZAK | DATE: 2-26-13 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | | |
| GRADES TRANSF. BY | B.MATHENY | DATE: 3-6-13 | REVISED: | | |
| CHECKED BY | D. Ulatowski | DATE: 9/4/13 | REVISED: | | |
| APPROVED BY | [signature] | DATE: 9/4/13 | REVISED: | | |
| FILE: V:\PWELIB\PAVING\29124.FIN | | | | | |
| PLOT DATE: 04-SEP-2013 | | | | | |

THIS SHEET

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

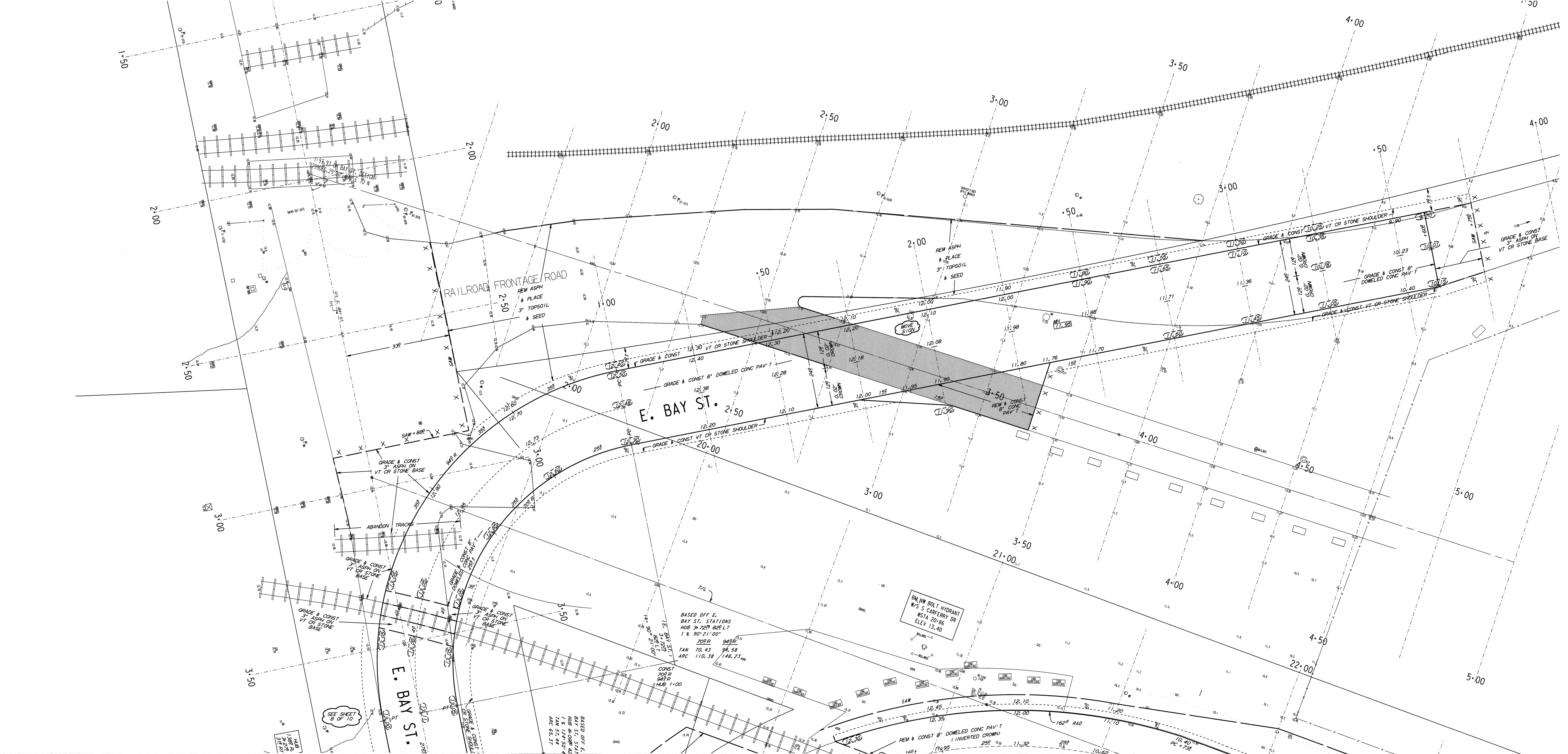
S. HARBOR DR.
E. BAY ST.

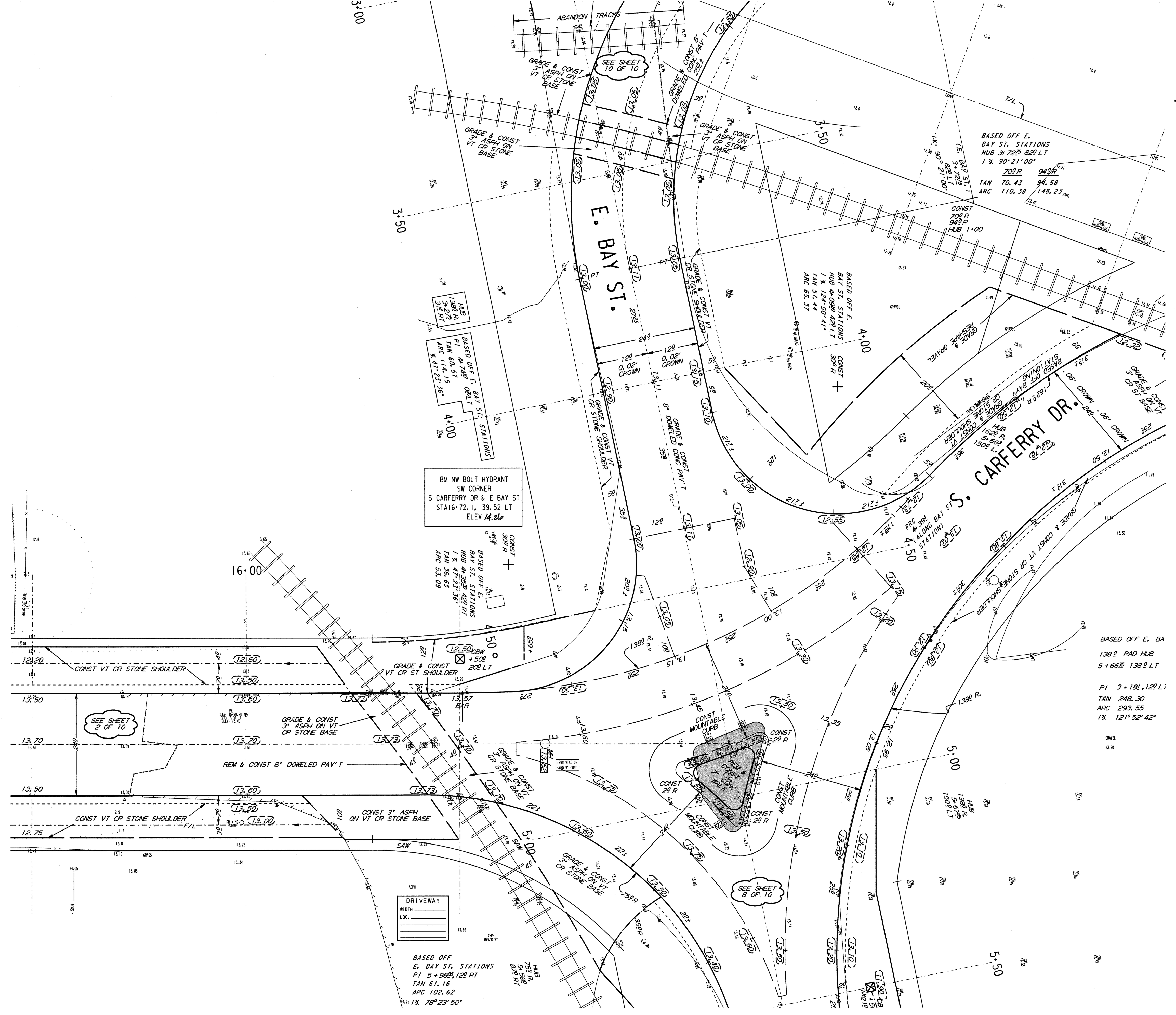
EROSION CONTROL AND C.B. REQUISITION PLAN

| | TYPE M | ⊠ - CBW | ☐ - RESET | X - ABANDON | PLAN |
|---|---|---|---|---|---|
| THIS SHEET | 0 | 0 | 0 | 0 | NO WORK |

| TO \ DATE | | | | | |
|---|---|---|---|---|---|
| ESTIMATING | | | | | |
| HOLLOW WALKS | | | | | |
| PUBLIC HEARING | | | | | |
| CONSTRUCTION | | | | | |
| SEWER | | | | | |
| WATER | | | | | |
| STREET LIGHTING | | | | | |
| BLDG. SERVICES | | | | | |
| MEASURING | | | | | |
| FIELD | | | | | |
| DISTRICT FILE | | | | | |
| FORESTRY | | | | | |
| W.E. / G.O. | | | | | |
| WIS. GAS CO. | | | | | |
| TRANSIT SYSTEM | | | | | |
| CABLE TV | | | | | |
| UND. GRD. COND. | | | | | |
| WATER DIST. | | | | | |
| WEPCO N/S | | | | | |
| WEPCO S/S | | | | | |
| SEWER SERVICES | | | | | |
| UTILITY COOR. | | | | | |
| | | | | | |
| | | | | | |
| PLAN SIZE | | | | | |

S. CARFERRY DR. - E. LINCOLN AVE. TO A PT. 5100'± N. OF E. LINCOLN (9 OF 10)
E. BAY ST. - S. HARBOR TO S. LINCOLN MEMORIAL ST211120144 18" X 108"




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 | | | | | | |

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

FILE NO.

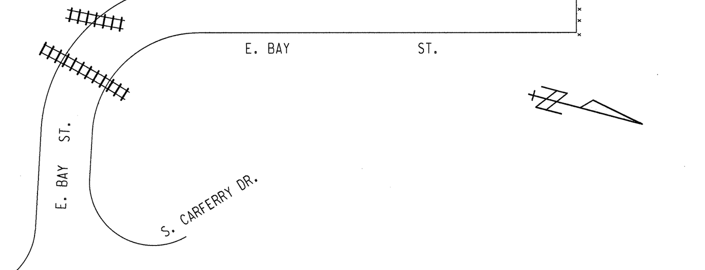
PLAN OF: E. BAY ST.

A PT. WEST OF S. CARFERRY DR.

THIS SECTION:

| | | | | |
|---|---|---|---|---|
| DRAWN BY | G. LANGE | DATE: 8/1/13 | PROJECT NO. ST214130102 | SHEET 10 OF 10 |
| DESCRIPTIONS BY | G. LANGE | DATE: 8/1/13 | | |
| LEVELS BY | | DATE: | SCALE 1"=10' | 1/4 SEC. 465 500 · ALD.DIST. 14 |
| LEVELS TRANSF. BY | | DATE: | | |
| DESIGNED BY | WALCZAK | DATE: 8/2013 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | |
| GRADES TRANSF. BY | G. LANGE | DATE: 8/2/13 | REVISED: 8/2013 WALCZAK | |
| CHECKED BY | D. [signature] | DATE: 9/4/13 | REVISED: | |
| APPROVED BY | [signature] | DATE: 9/4/13 | REVISED: | |
| FILE: V:\PWELIB\PAVING\29124.FIN | | | | |
| PLOT DATE: 04-SEP-2013 | | | | |

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




EROSION CONTROL AND C.B. REQUISITION PLAN

TYPE M · CBW · RESET · ABANDON · NO WORK

| TO \ DATE | | | | | |
|---|---|---|---|---|---|
| ESTIMATING | | | | | |
| HOLLOW WALKS | | | | | |
| PUBLIC HEARING | | | | | |
| CONSTRUCTION | | | | | |
| SEWER | | | | | |
| WATER | | | | | |
| STREET LIGHTING | | | | | |
| BLDG. SEWERS | | | | | |
| MEASURING | | | | | |
| FIELD | | | | | |
| DISTRICT FILE | | | | | |
| FORESTRY | | | | | |
| W.E. / G.O. | | | | | |
| WIS. GAS CO. | | | | | |
| TRANSIT SYSTEM | | | | | |
| CABLE TV | | | | | |
| UND. GRD. COND. | | | | | |
| WATER DIST. | | | | | |
| WEPCO N/S | | | | | |
| WEPCO S/S | | | | | |
| SEWER SERVICES | | | | | |
| UTILITY COOR. | | | | | |
| | | | | | |
| PLAN SIZE | | | | | |