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.
- GRIND THE ROADWAY AS NECESSARY TO ACHIEVE A .12' MINIMUM COVER AT FLANGES, .17' AT BUTT JOINTS AND .21' MINIMUM ELSEWHERE.
- REMOVE ALL ASPHALT PATCHES WITHIN LIMITS OF CONSTRUCTION.
- ANY SAWING ALONG THE CURB FLANGE SHALL BE INCLUDED IN THE BID PRICE FOR CURB & GUTTER.
- GRADE & PLACE 1.5' WIDTH OF SOD IN LAWN AREAS DISTURBED BY CONSTRUCTION, UNLESS OTHERWISE NOTED OR DIRECTED.
- GRADE AND SOD ENTIRE AREA BETWEEN WALK AND CURB.
- REDUCE CURB FACE TO "ZERO FACE" THROUGH DRIVEWAYS.

| 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. |
|---|---|---|---|---|---|---|---|---|
| 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 | 9" CONCRETE DRIVEWAY | S.F. | | | | | | |
| X | 7" CONCRETE PAVEMENT | S.Y. | | | | | | |
| | 7" CONCRETE ALLEY PAVEMENT | S.Y. | | | | | | |
| X | V.T. CONCRETE BASE | C.Y. | | | | | | |
| X | 6" CONCRETE BASE | S.Y. | | | | | | |
| X | TACK COAT | GAL. | | | | | | |
| X | BASE PREP. FOR ASPHALT SURFACE | L.S. | | | | | | |
| X | V.T.ASPH.CONC.PAV'T.(1/4 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. | | | | | | |
| | 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 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |

FILE NO. 176

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

PLAN OF: S. 28TH ST.
A POINT SOUTH OF W. CLEVELAND AVE. TO W. CLEVELAND AVE.

| THIS SECTION: | | PROJECT NO. ST211130137 | SHEET 1 OF 1 |
|---|---|---|---|
| DRAWN BY | DATE: | SCALE 1" = 10' | 1/4 SEC. 510 / ALD.DIST. 8 |
| DESCRIPTIONS BY | DATE: | | |
| LEVELS BY SILESHI | DATE: 12/20/12 | | |
| LEVELS TRANSF. BY SILESHI, CULL | DATE: 02/19/13 | | |
| DESIGNED BY S.CULL | DATE: 04/19/13 | OBSTRUCTIONS - SEE OBSTRUCTION LIST | |
| GRADES TRANSF. BY S.CULL | DATE: 04/19/13 | REVISED: 11/26/13 ELIM WALK E/S SOUTH OF 8+00 | |
| CHECKED BY | DATE: 12/16/13 | | |
| APPROVED BY | DATE: 12/17/13 | REVISED: | |
| FILE: V:\PWELIB\PAVING\29332.FIN | | | |
| PLOT DATE: 09-DEC-2013 | | | |

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

| DATE / TO | 7/1/13 | 12/18/13 | 2/31/14 |
|---|---|---|---|
| ESTIMATING | 1 | 1 | |
| HOLLOW WALKS | 1 | 1 | |
| PUBLIC HEARING | 1 | 1 | |
| CONSTRUCTION | 1 | 1 | 6 |
| SEWER | 1 | 1 | |
| WATER | 1 | 1 | |
| STREET LIGHTING | 1 | 1 | |
| BLDG. SEWERS | 1 | 1 | |
| MEASURING | | | 1 |
| FIELD | | | 1 |
| DISTRICT FILE | 2 | 2 | |
| FORESTRY | 1 | 1 | |
| W.E. / G.O. | | | |
| WIS. GAS CO. | 1 | 1 | |
| TRANSIT SYSTEM | | | |
| CABLE TV | | | |
| UND. GRD. COND. | 1 | 1 | |
| WATER DIST. | 1 | 1 | |
| WEPCO N/S | | | |
| WEPCO S/S | 1 | 1 | |
| SEWER SERVICES | | | |
| UTILITY COOR. | 1 | 1 | |
| TRAF. ENG. | 1 | | |
| RM 506 | | 15 | |
| PLAN SIZE | 12" X 99" | | |

EROSION CONTROL AND C.B. REQUISITION PLAN

| TYPE M | ☒-CBW | ☐-RESET | X-ABANDON | NO WORK |
|---|---|---|---|---|
| 6 | 0 | 4 | 0 | |

S. 28TH ST. - A POINT SOUTH OF W. CLEVELAND AVE. TO W. CLEVELAND AVE. (1 OF 1)

29332 12" X 99" ST211130137 #176