

STORM DRAIN MANHOLE SCHEDULE

| M.H.# | I.D. | TYPE | STATION | OFFSET | COMMENTS |
|----------|------|----------|----------------|-----------|--------------------------|
| SDMH #1 | 60" | TYPE III | "BU": 11+00.00 | 6.0' RT | |
| SDMH #2 | 60" | TYPE III | "BU": 17+84.30 | 6.0' RT | |
| SDMH #3 | 60" | TYPE III | "BU": 21+36.36 | 6.0' RT | |
| SDMH #4 | 60" | TYPE III | "BU": 22+91.57 | 13.0' LT | |
| SDMH #5 | 60" | TYPE III | "BU": 25+63.05 | 13.0' LT | |
| SDMH #6 | 60" | TYPE I | "BU": 30+16.75 | 136.3' LT | IN GOWAN DETENTION BASIN |
| SDMH #7 | 60" | TYPE I | "BU": 34+16.35 | 154.0' LT | IN GOWAN DETENTION BASIN |
| SDMH #8 | 60" | TYPE III | "G": 13+44.98 | 14.0' LT | |
| SDMH #9 | 60" | TYPE III | "G": 17+44.98 | 14.0' LT | |
| SDMH #9A | 48" | TYPE I | "G": 17+30.35 | 22.0' RT | USE SLOTTED COVER |
| SDMH #10 | 60" | TYPE III | 1+20.66 * | 0.0' * | IN GOWAN DETENTION BASIN |
| SDMH #11 | 60" | TYPE III | 5+38.55 * | 0.0' * | IN GOWAN DETENTION BASIN |
| SDMH #12 | 60" | TYPE III | 9+62.27 * | 0.0' * | IN GOWAN DETENTION BASIN |

* ALIGNMENT DEFINED ALONG CENTERLINE OF PIPE RUN

| ITEM NO. | ITEM | UNIT | QUANTITY |
|----------|---|------|----------|
| 208.01 | PERMANENT PAVEMENT PATCH (4-INCH) | S.Y. | 4,090 |
| 208.02 | TRENCH OVER-EXCAVATION AND BACKFILL | C.Y. | 500 |
| 502.01 | CONCRETE ENCASEMENT | L.F. | 165 |
| 502.02 | DETENTION BASIN STRUCTURE MODIFICATIONS | L.S. | |
| 603.01 | 18-INCH RCP STORM DRAIN (1350-D) | L.F. | 229 |
| 603.02 | 24-INCH RCP STORM DRAIN (1350-D) | L.F. | 484 |
| 603.03 | 36-INCH RCP STORM DRAIN (1350-D) | L.F. | 1,225 |
| 603.04 | 60-INCH RCP STORM DRAIN (1350-D) | L.F. | 1,721 |
| 603.05 | 60-INCH RCP STORM DRAIN (2000-D) | L.F. | 1,274 |
| 603.06 | 18-INCH RCP PLUG | EA. | 1 |
| 603.07 | 60-INCH RCP PLUG | EA. | 2 |
| 609.01 | NDOT TYPE 2 DROP INLET | EA. | 2 |
| 609.02 | TYPE E DROP INLET | EA. | 5 |
| 609.03 | TYPE DM2 DROP INLET | EA. | 1 |
| 609.04 | TYPE I STORM DRAIN MANHOLE | EA. | 3 |
| 609.05 | TYPE III STORM DRAIN MANHOLE | EA. | 10 |
| 622.01 | CONSTRUCTION SURVEYING | L.S. | |
| 624.01 | TRAFFIC CONTROL AND MAINTENANCE | L.S. | |
| 625.01 | PORTABLE CHANGEABLE MESSAGE SIGN | DAY | 40 |
| 625.02 | ARROW BOARD | DAY | 40 |

NOTE: QUANTITIES ON THIS SHEET ARE FOR INFORMATION ONLY. FOR BIDDING REQUIREMENTS AND FORMS, SEE CONTRACT.

STORM DRAIN DROP INLET SCHEDULE

| LATERAL SYSTEM | DROP INLET STATION | DROP INLET | | | | COMMENTS |
|----------------|--------------------|------------|----------|-------|-------|----------|
| | | TYPE | OFFSET | "L" | "D" | |
| ① | "BU": 10+84.14 | E | 21.9' RT | N/A | 9.33' | |
| ② | "BU": 17+68.12 | DM2 | 25.0' RT | 10.0' | 8.43' | |
| | "BU": 17+76.34 | E | 25.0' LT | N/A | 4.01' | |
| ③ | "BU": 21+28.08 | NDOT 2 | 23.0' RT | N/A | N/A | |
| ④ | "BU": 22+87.62 | NDOT 2 | 23.0' LT | N/A | N/A | |
| ⑤ | "BU": 25+60.18 | E | 25.7' LT | N/A | 7.56' | |
| | "BU": 25+42.27 | E | 25.0' RT | N/A | 8.79' | |
| ⑥ | "G": 13+32.39 | E | 35.0' RT | N/A | 7.82' | |

NOTES:
 1. LATERALS SHOWN ON SHEETS SD8.
 2. STORM DRAIN INLET DETAIL SHOWN ON SHEETS SD10 AND SD11.

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QUANTITY ESTIMATE
 MANHOLE SCHEDULE

LOWER GOWAN SYSTEM
 BUFFALO BRANCH

SHEET 4 OF 17 SHEETS

DRAWN BY: SWS/ALT/DPH 12/28/08
 DESIGNED BY: SWS 12/28/08
 CHECKED BY: SWS
 PROJECT NO: 412-405

SCALE: NONE
 HOR: NONE
 VERT: NONE

PROFESSIONAL ENGINEER
 SCOTT R. WALLACE
 PLUMBER
 No. 7491

DRAWING NO.
327-V260

GCW PROJ # 412.405

2001