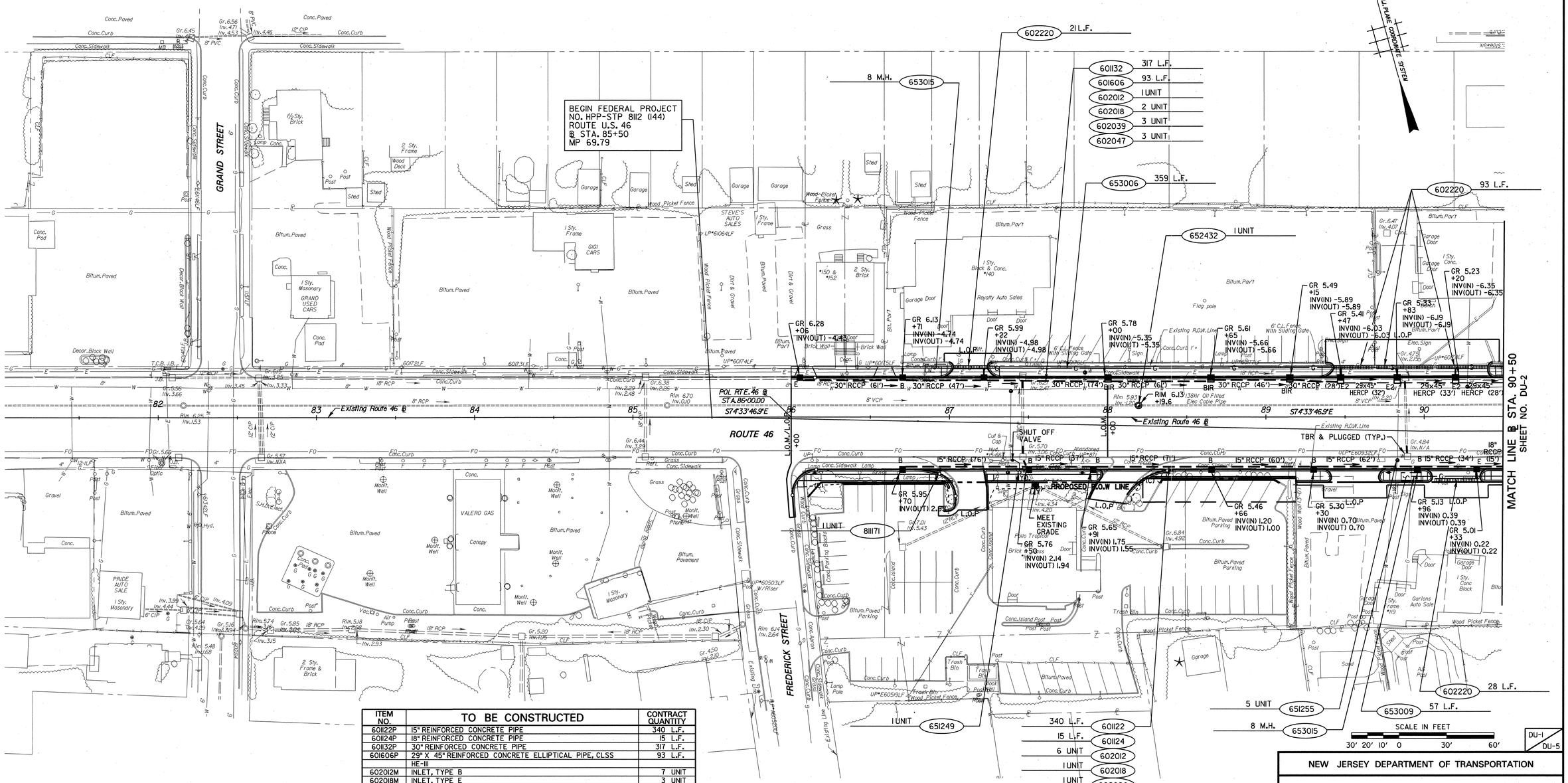
| STATE | FEDERAL PROJECT NO. |
|---|---|
| N.J. | HPP-STP 8112 (144) |

BOROUGH OF LITTLE FERRY

COUNTY OF BERGEN




| ITEM NO. | TO BE CONSTRUCTED | CONTRACT QUANTITY |
|---|---|---|
| 601122P | 15" REINFORCED CONCRETE PIPE | 340 L.F. |
| 601124P | 18" REINFORCED CONCRETE PIPE | 15 L.F. |
| 601132P | 30" REINFORCED CONCRETE PIPE | 317 L.F. |
| 601606P | 29" X 45" REINFORCED CONCRETE ELLIPTICAL PIPE, CLSS HE-III | 93 L.F. |
| 602012M | INLET, TYPE B | 7 UNIT |
| 602018M | INLET, TYPE E | 3 UNIT |
| 602039M | INLET, TYPE E-2 | 3 UNIT |
| 602047M | INLET, TYPE BIR | 3 UNIT |
| 602096M | INLET CONVERTED TO MANHOLE | 1 UNIT |
| 602220M | TRENCH DRAIN | 142 L.F. |
| 651249M | RELOCATE FIRE HYDRANT | 1 UNIT |
| 651255M | RESET WATER VALVE BOX | 5 UNIT |
| 652432M | RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING | 1 UNIT |
| 653006P | 4" GAS MAIN | 359 L.F. |
| 653009P | 6" GAS MAIN | 57 L.F. |
| 653015M | GAS MAIN, TIE-IN ASSISTANCE | 16 M.H. |
| 811171P | RESET IRRIGATION SYSTEM | 1 UNIT |
| | | |
| | | |

## RESET WATER VALVE BOX

| STATION | OFFSET |
|---|---|
| 87+36 | 34' RIGHT |
| 89+83 | 27' RIGHT |
| 87+39 | 16' LEFT |
| 87+84 | 28' LEFT |
| 90+28 | 19' LEFT |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

# DRAINAGE AND UTILITY PLANS

ROUTE U.S. 46 LITTLE FERRY CIRCLE

CONTRACT NO. 069950373

PARSONS BRINCKERHOFF, INC.

CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

MICHAEL D. HELMLINGER

N.J. PROFESSIONAL ENGINEER NO. 24GE03812100

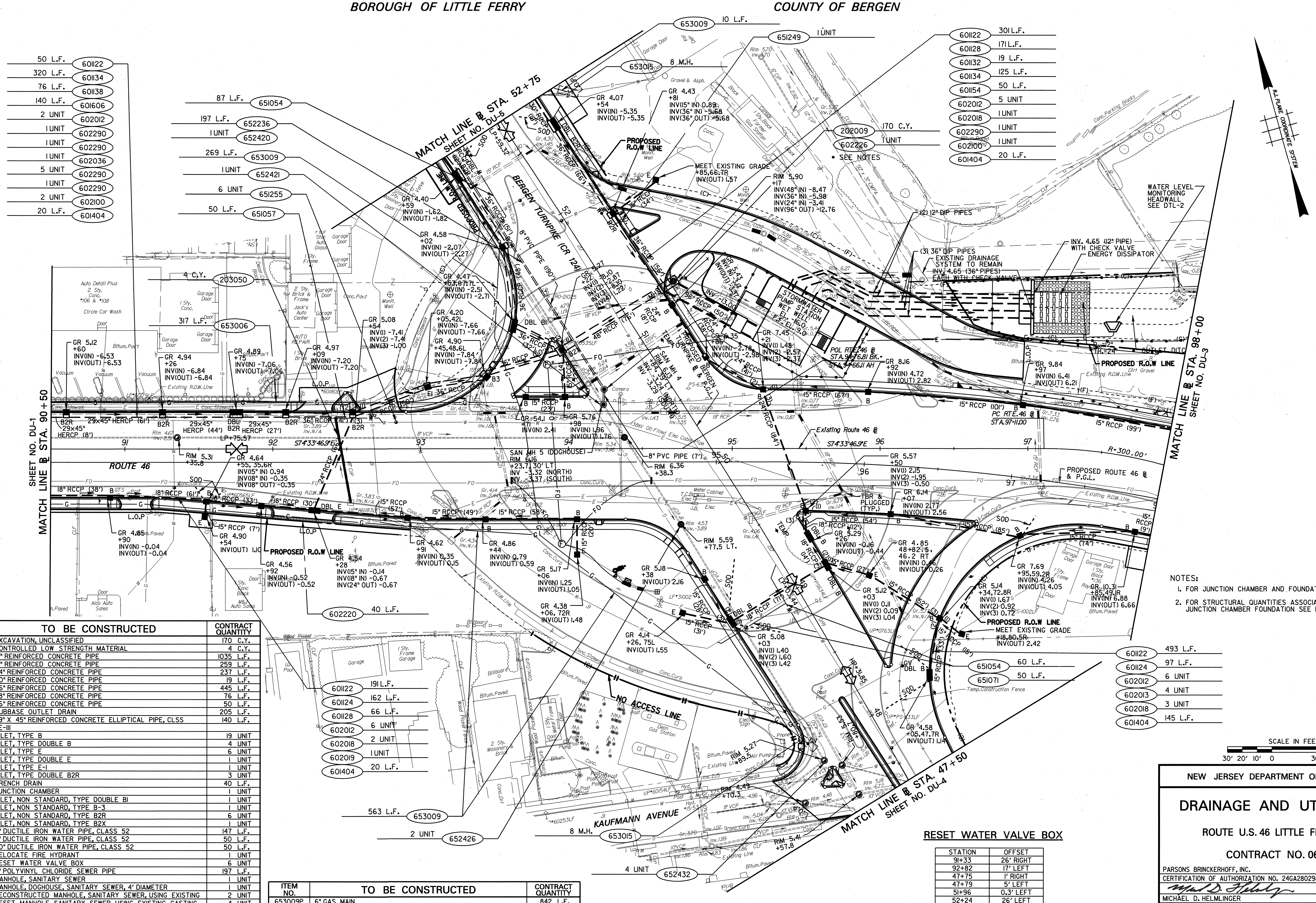


PARSONS BRINCKERHOFF CADD DATA

| | | | |
|---|---|---|---|
| OPERATOR | Runk | QUEUE | \\vampr1pr-t01\PRIPL03_BW_P_M |
| PLOT DATE | 04-JUN-2013 13:39 | | |
| PENTABLE | enx.tbl | | |
| DESIGN FILE | T:\20063\du01.dgn | | |

| STATE | FEDERAL PROJECT NO. |
|---|---|
| N.J. | HPP-STP 8112 (144) |

BOROUGH OF LITTLE FERRY — COUNTY OF BERGEN




NOTES:

1. FOR JUNCTION CHAMBER AND FOUNDATION DETAILS SEE DTL-37.
2. FOR STRUCTURAL QUANTITIES ASSOCIATED WITH JUNCTION CHAMBER FOUNDATION SEE DTL-37.

| ITEM NO. | TO BE CONSTRUCTED | CONTRACT QUANTITY |
|---|---|---|
| 202009P | EXCAVATION, UNCLASSIFIED | 170 C.Y. |
| 203050M | CONTROLLED LOW STRENGTH MATERIAL | 4 C.Y. |
| 601122P | 15" REINFORCED CONCRETE PIPE | 1035 L.F. |
| 601124P | 18" REINFORCED CONCRETE PIPE | 259 L.F. |
| 601128P | 24" REINFORCED CONCRETE PIPE | 237 L.F. |
| 601132P | 30" REINFORCED CONCRETE PIPE | 19 L.F. |
| 601134P | 36" REINFORCED CONCRETE PIPE | 445 L.F. |
| 601138P | 48" REINFORCED CONCRETE PIPE | 76 L.F. |
| 601154P | 96" REINFORCED CONCRETE PIPE | 50 L.F. |
| 601404P | SUBBASE OUTLET DRAIN | 205 L.F. |
| 601606P | 29" X 45" REINFORCED CONCRETE ELLIPTICAL PIPE, CLSS HE-III | 140 L.F. |
| 602012M | INLET, TYPE B | 19 UNIT |
| 602013M | INLET, TYPE DOUBLE B | 4 UNIT |
| 602018M | INLET, TYPE E | 6 UNIT |
| 602019M | INLET, TYPE DOUBLE E | 1 UNIT |
| 602036M | INLET, TYPE E-1 | 1 UNIT |
| 602100M | INLET, TYPE DOUBLE B2R | 3 UNIT |
| 602220M | TRENCH DRAIN | 40 L.F. |
| 602226M | JUNCTION CHAMBER | 1 UNIT |
| 602290M | INLET, NON STANDARD, TYPE DOUBLE B1 | 1 UNIT |
| 602290M | INLET, NON STANDARD, TYPE B-3 | 1 UNIT |
| 602290M | INLET, NON STANDARD, TYPE B2R | 6 UNIT |
| 602290M | INLET, NON STANDARD, TYPE B2X | 1 UNIT |
| 651054P | 6" DUCTILE IRON WATER PIPE, CLASS 52 | 147 L.F. |
| 651057P | 8" DUCTILE IRON WATER PIPE, CLASS 52 | 50 L.F. |
| 651071P | 20" DUCTILE IRON WATER PIPE, CLASS 52 | 50 L.F. |
| 651249M | RELOCATE FIRE HYDRANT | 1 UNIT |
| 651255M | RESET WATER VALVE BOX | 6 UNIT |
| 652236P | 8" POLYVINYL CHLORIDE SEWER PIPE | 197 L.F. |
| 652420M | MANHOLE, SANITARY SEWER | 1 UNIT |
| 652421M | MANHOLE, DOGHOUSE, SANITARY SEWER, 4' DIAMETER | 1 UNIT |
| 652426M | RECONSTRUCTED MANHOLE, SANITARY SEWER, USING EXISTING | 2 UNIT |
| 652432M | RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING | 4 UNIT |
| 653006P | 4" GAS MAIN | 317 L.F. |

| ITEM NO. | TO BE CONSTRUCTED | CONTRACT QUANTITY |
|---|---|---|
| 653009P | 6" GAS MAIN | 842 L.F. |
| 653015M | GAS MAIN, TIE-IN ASSISTANCE | 16 M.H. |

RESET WATER VALVE BOX

| STATION | OFFSET |
|---|---|
| 91+33 | 26' RIGHT |
| 92+82 | 17' LEFT |
| 47+75 | 1' RIGHT |
| 47+79 | 5' LEFT |
| 51+96 | 0.3' LEFT |
| 52+24 | 26' LEFT |

SCALE IN FEET: 30' 20' 10' 0 30' 60'

DU-2 / DU-5

NEW JERSEY DEPARTMENT OF TRANSPORTATION

# DRAINAGE AND UTILITY PLANS

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PARSONS BRINCKERHOFF, INC.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800
MICHAEL D. HELMLINGER
N.J. PROFESSIONAL ENGINEER NO. 24GE03812100



| PARSONS BRINCKERHOFF CADD DATA | |
|---|---|
| OPERATOR | Runk |
| QUEUE | \\amprlprt01\PRIPL03_BW_IP_M |
| PLOT DATE | 04-JUN-2013 13:39 |
| PENTABLE | ehx.tbl |
| DESIGN FILE | T:\20063\du02.dgn |

| STATE | FEDERAL PROJECT NO. |
|---|---|
| N.J. | HPP-STP 8112 (144) |

BOROUGH OF LITTLE FERRY

COUNTY OF BERGEN

SCALE IN FEET

30' 20' 10' 0 30' 60'

DU-4 / DU-5

| ITEM NO. | TO BE CONSTRUCTED | CONTRACT QUANTITY |
|---|---|---|
| 602099M | RESET EXISTING CASTING | 2 UNIT |
| 651255M | RESET WATER VALVE BOX | 2 UNIT |
| 652432M | RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING | 1 UNIT |
| | | |
| | | |

## RESET WATER VALVE BOX

| STATION | OFFSET |
|---|---|
| 45+78 | 10' RIGHT |
| 47+02 | 2' RIGHT |

NEW JERSEY DEPARTMENT OF TRANSPORTATION

# DRAINAGE AND UTILITY PLANS

ROUTE U.S. 46 LITTLE FERRY CIRCLE

CONTRACT NO. 069950373

PARSONS BRINCKERHOFF, INC.
CERTIFICATION OF AUTHORIZATION NO. 24GA28029800

MICHAEL D. HELMLINGER
N.J. PROFESSIONAL ENGINEER NO. 24GE03812100

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PARSONS BRINCKERHOFF CADD DATA

| | | | |
|---|---|---|---|
| OPERATOR | Runk | QUEUE | \\ampriprt01\PRIPL03_BW_IP_M |
| PLOT DATE | 04-JUN-2013 13:39 | | |
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