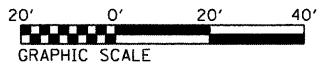
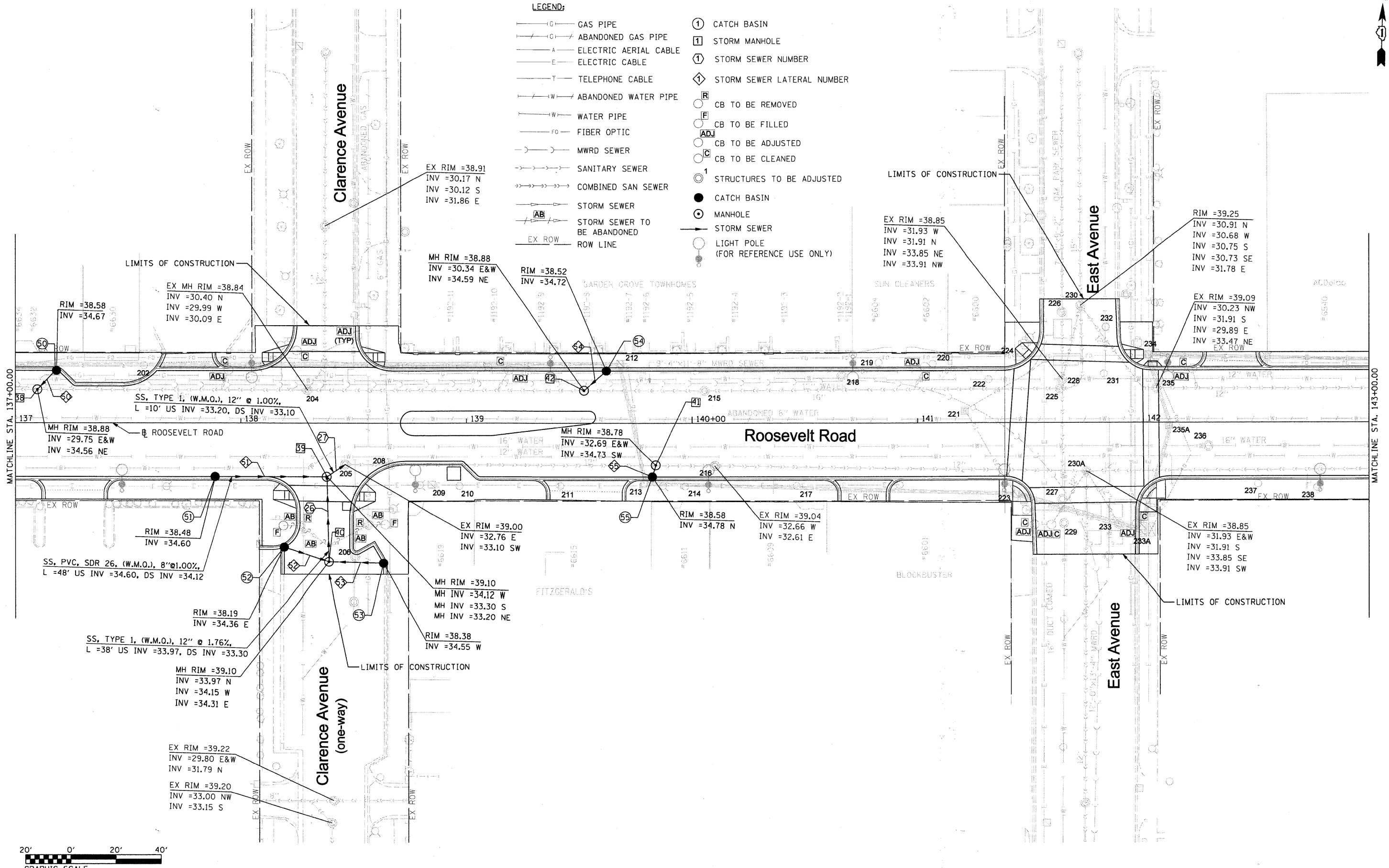




**LEGEND:**

- GAS PIPE
- ABANDONED GAS PIPE
- ELECTRIC AERIAL CABLE
- ELECTRIC CABLE
- TELEPHONE CABLE
- ABANDONED WATER PIPE
- WATER PIPE
- FIBER OPTIC
- MWRD SEWER
- SANITARY SEWER
- COMBINED SAN SEWER
- STORM SEWER
- STORM SEWER TO BE ABANDONED
- ROW LINE
- CATCH BASIN
- STORM MANHOLE
- STORM SEWER NUMBER
- STORM SEWER LATERAL NUMBER
- CB TO BE REMOVED
- CB TO BE FILLED
- CB TO BE ADJUSTED
- CB TO BE CLEANED
- STRUCTURES TO BE ADJUSTED
- CATCH BASIN
- MANHOLE
- LIGHT POLE (FOR REFERENCE USE ONLY)



|                                      |                             |               |           |
|--------------------------------------|-----------------------------|---------------|-----------|
| FILE NAME = DIRTE38-shst-drain08.dgn | USER NAME = 100T            | DESIGNED - DA | REVISED - |
|                                      |                             | DRAWN - CC    | REVISED - |
|                                      |                             | CHECKED - JB  | REVISED - |
|                                      |                             | DATE          | REVISED - |
|                                      | PLOT SCALE = 20.0000' / IN. |               |           |
|                                      | PLOT DATE = 3/23/2010       |               |           |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

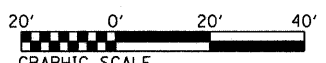
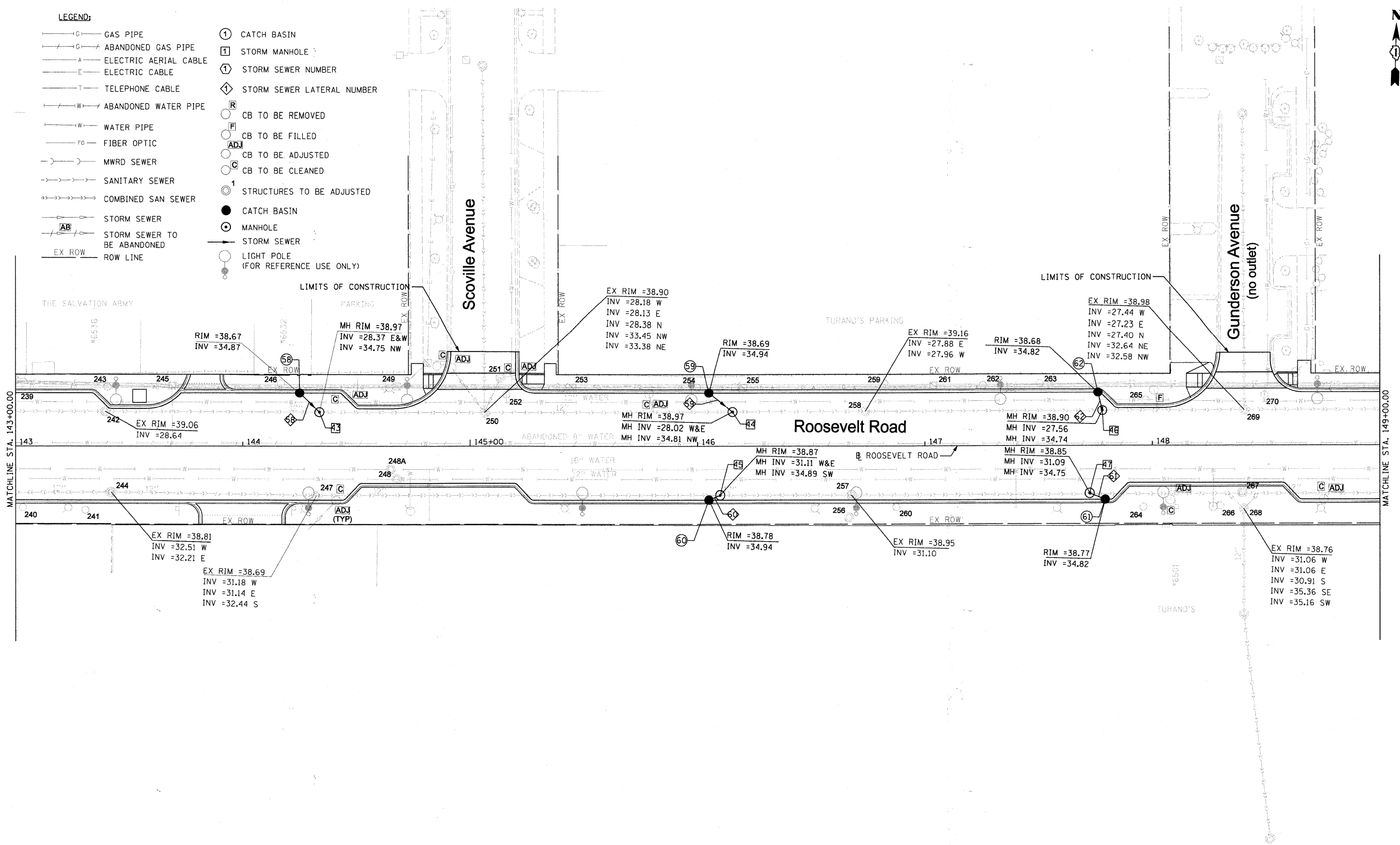
**DRAINAGE AND UTILITIES PLAN**

SCALE: 1" = 20' SHEET NO. 8 OF 30 SHEETS STA. 137+00.00 TO STA. 143+00.00

| F.A.P. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 347                | 09-00248-00-RS | COOK   | 274                       | 101       |
| CONTRACT NO. 63432 |                |        | ILLINOIS FED. AID PROJECT |           |

**LEGEND:**

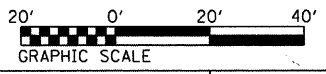
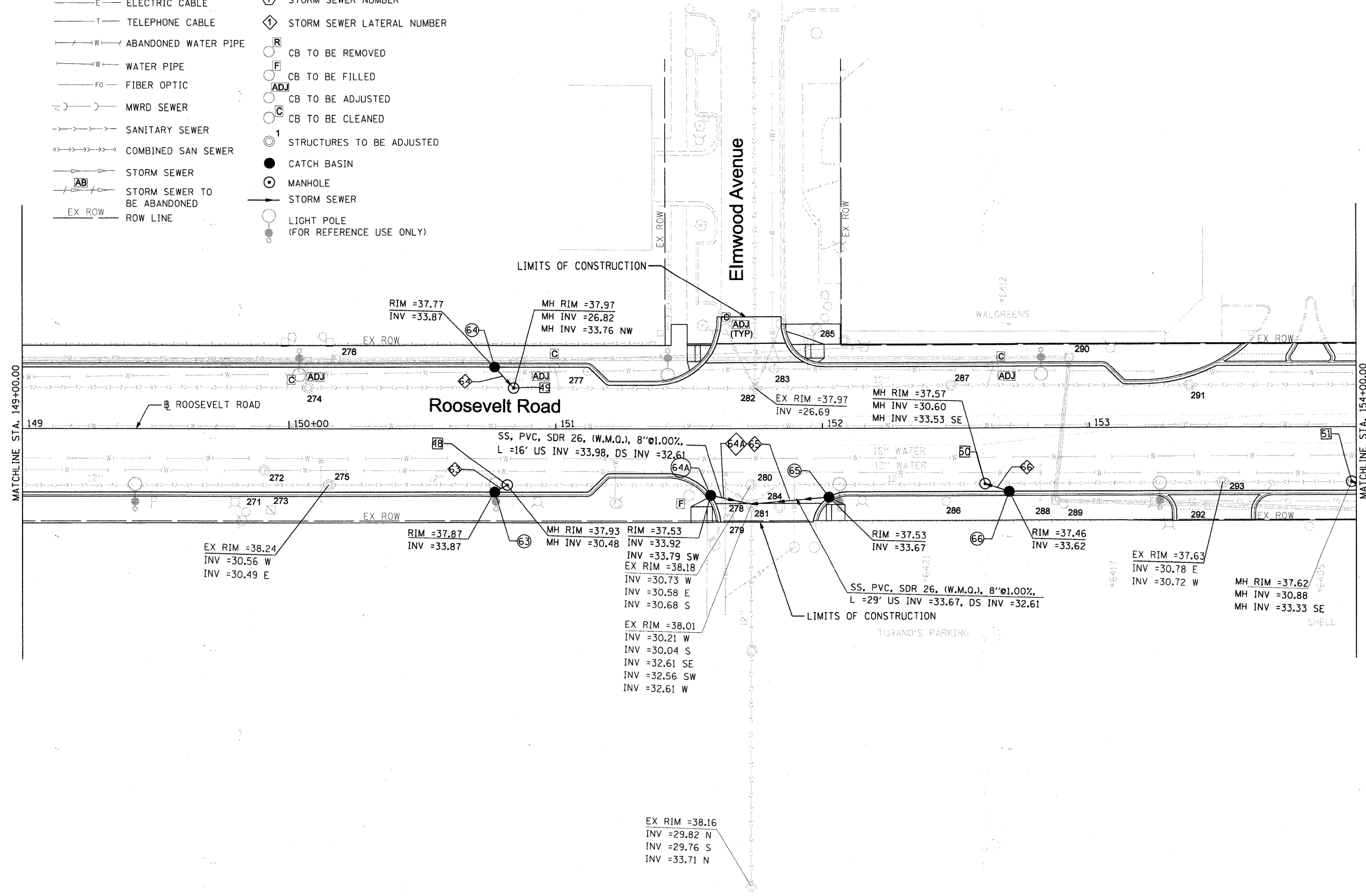
- GAS PIPE
- ABANDONED GAS PIPE
- ELECTRIC AERIAL CABLE
- ELECTRIC CABLE
- TELEPHONE CABLE
- ABANDONED WATER PIPE
- WATER PIPE
- FIBER OPTIC
- MWRD SEWER
- SANITARY SEWER
- COMBINED SAN SEWER
- STORM SEWER
- STORM SEWER TO BE ABANDONED
- ROW LINE
- CATCH BASIN
- STORM MANHOLE
- STORM SEWER NUMBER
- STORM SEWER LATERAL NUMBER
- CB TO BE REMOVED
- CB TO BE FILLED
- CB TO BE ADJUSTED
- CB TO BE CLEANED
- STRUCTURES TO BE ADJUSTED
- CATCH BASIN
- MANHOLE
- STORM SEWER
- LIGHT POLE (FOR REFERENCE USE ONLY)



|   |                  |               |           |   |                                    |   |                        |                          |                  |                                  |  |
|---|------------------|---------------|-----------|---|------------------------------------|---|------------------------|--------------------------|------------------|----------------------------------|--|
| FILE NAME =<br>DIRTE38-shst-drain@9.dgn | USER NAME = JBOT | DESIGNED - DA | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE AND UTILITIES PLAN</b> | F.A.P. RTE. 347                                 | SECTION 09-00248-00-RS | COUNTY COOK              | TOTAL SHEETS 274 | SHEET NO. 102                    |  |
| PLOT SCALE = 20.0000' / IN.             |                  | DRAWN - CC    | REVISED - |   |                                    | SCALE: 1" = 20'                                 |                        | SHEET NO. 9 OF 30 SHEETS |                  | STA. 143+00.00 TO STA. 149+00.00 |  |
| PLOT DATE = 3/23/2010                   |                  | CHECKED - JB  | REVISED - |   |                                    | CONTRACT NO. 63432<br>ILLINOIS FED. AID PROJECT |                        |                          |                  |                                  |  |



- LEGEND:**
- G— GAS PIPE
  - G— ABANDONED GAS PIPE
  - A— ELECTRIC AERIAL CABLE
  - E— ELECTRIC CABLE
  - T— TELEPHONE CABLE
  - W— ABANDONED WATER PIPE
  - W— WATER PIPE
  - FO— FIBER OPTIC
  - M— MWRD SEWER
  - S— SANITARY SEWER
  - CS— COMBINED SAN SEWER
  - SS— STORM SEWER
  - SS— STORM SEWER TO BE ABANDONED
  - EX ROW— ROW LINE
  - ① CATCH BASIN
  - ① STORM MANHOLE
  - ① STORM SEWER NUMBER
  - ① STORM SEWER LATERAL NUMBER
  - Ⓡ CB TO BE REMOVED
  - Ⓡ CB TO BE FILLED
  - Ⓡ CB TO BE ADJUSTED
  - Ⓡ CB TO BE CLEANED
  - ① STRUCTURES TO BE ADJUSTED
  - CATCH BASIN
  - ⊙ MANHOLE
  - STORM SEWER
  - LIGHT POLE (FOR REFERENCE USE ONLY)

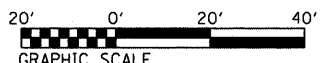
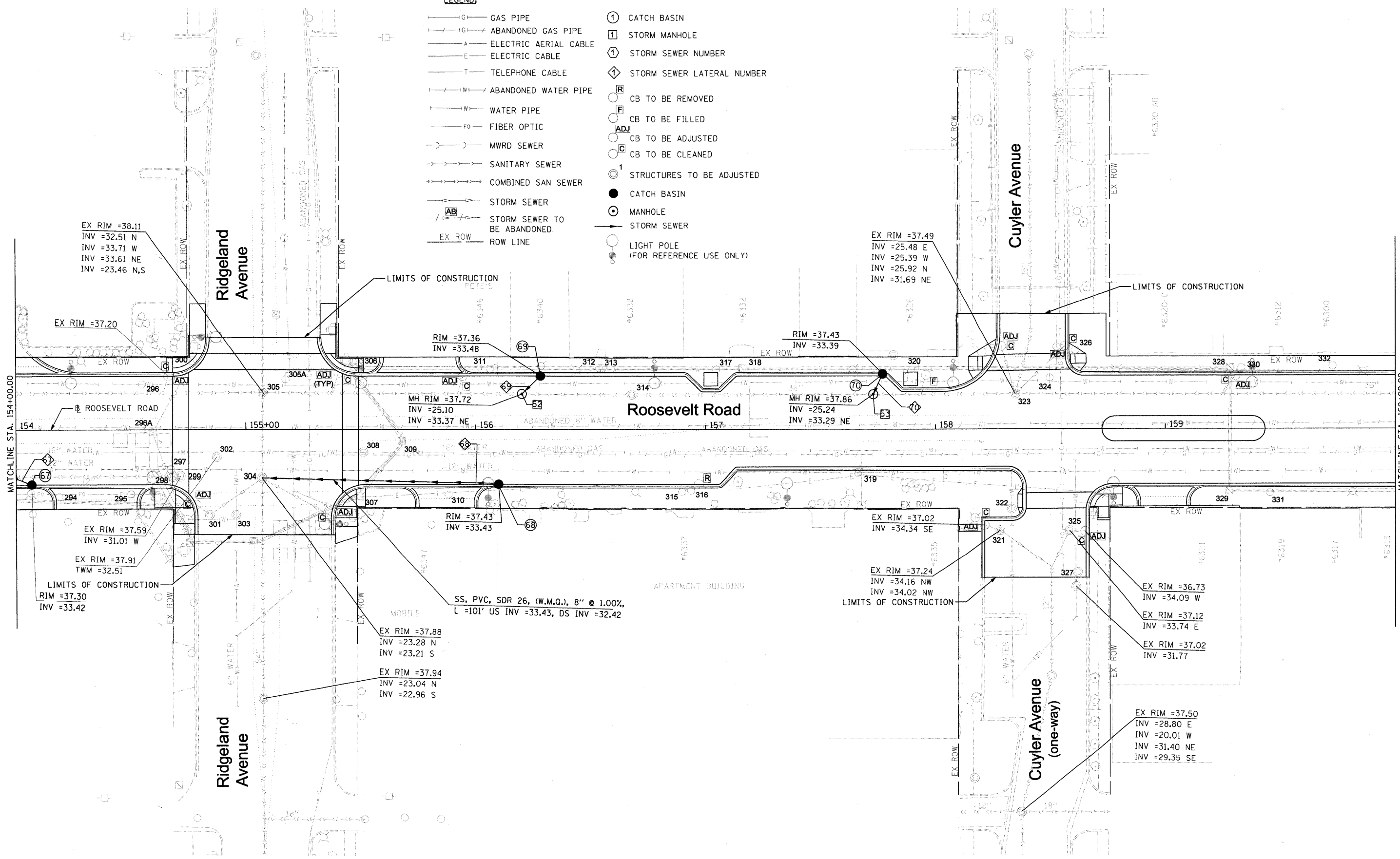


|                                     |                  |               |           |   |                                    |                           |                           |                                  |                    |               |  |  |
|-------------------------------------|------------------|---------------|-----------|---|------------------------------------|---------------------------|---------------------------|----------------------------------|--------------------|---------------|--|--|
| FILE NAME = DIRTE38-sht-drain10.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE AND UTILITIES PLAN</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS    | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 103 |  |  |
| PLOT SCALE = 20.0000' / IN.         | CHECKED - JB     | DATE -        | REVISED - |   |                                    | SCALE: 1" = 20'           | SHEET NO. 10 OF 30 SHEETS | STA. 149+00.00 TO STA. 154+00.00 | CONTRACT NO. 63432 |               |  |  |
| PLOT DATE = 3/23/2010               | DATE -           | REVISED -     | REVISED - |   |                                    | ILLINOIS FED. AID PROJECT |                           |                                  |                    |               |  |  |
|                                     |                  |               |           |   |                                    |                           |                           |                                  |                    |               |  |  |



**LEGEND:**

- GAS PIPE
- ABANDONED GAS PIPE
- ELECTRIC AERIAL CABLE
- ELECTRIC CABLE
- TELEPHONE CABLE
- ABANDONED WATER PIPE
- WATER PIPE
- FIBER OPTIC
- MWRD SEWER
- SANITARY SEWER
- COMBINED SAN SEWER
- STORM SEWER
- STORM SEWER TO BE ABANDONED
- ROW LINE
- CATCH BASIN
- STORM MANHOLE
- STORM SEWER NUMBER
- STORM SEWER LATERAL NUMBER
- CB TO BE REMOVED
- CB TO BE FILLED
- CB TO BE ADJUSTED
- CB TO BE CLEANED
- STRUCTURES TO BE ADJUSTED
- CATCH BASIN
- MANHOLE
- STORM SEWER
- LIGHT POLE (FOR REFERENCE USE ONLY)

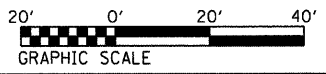
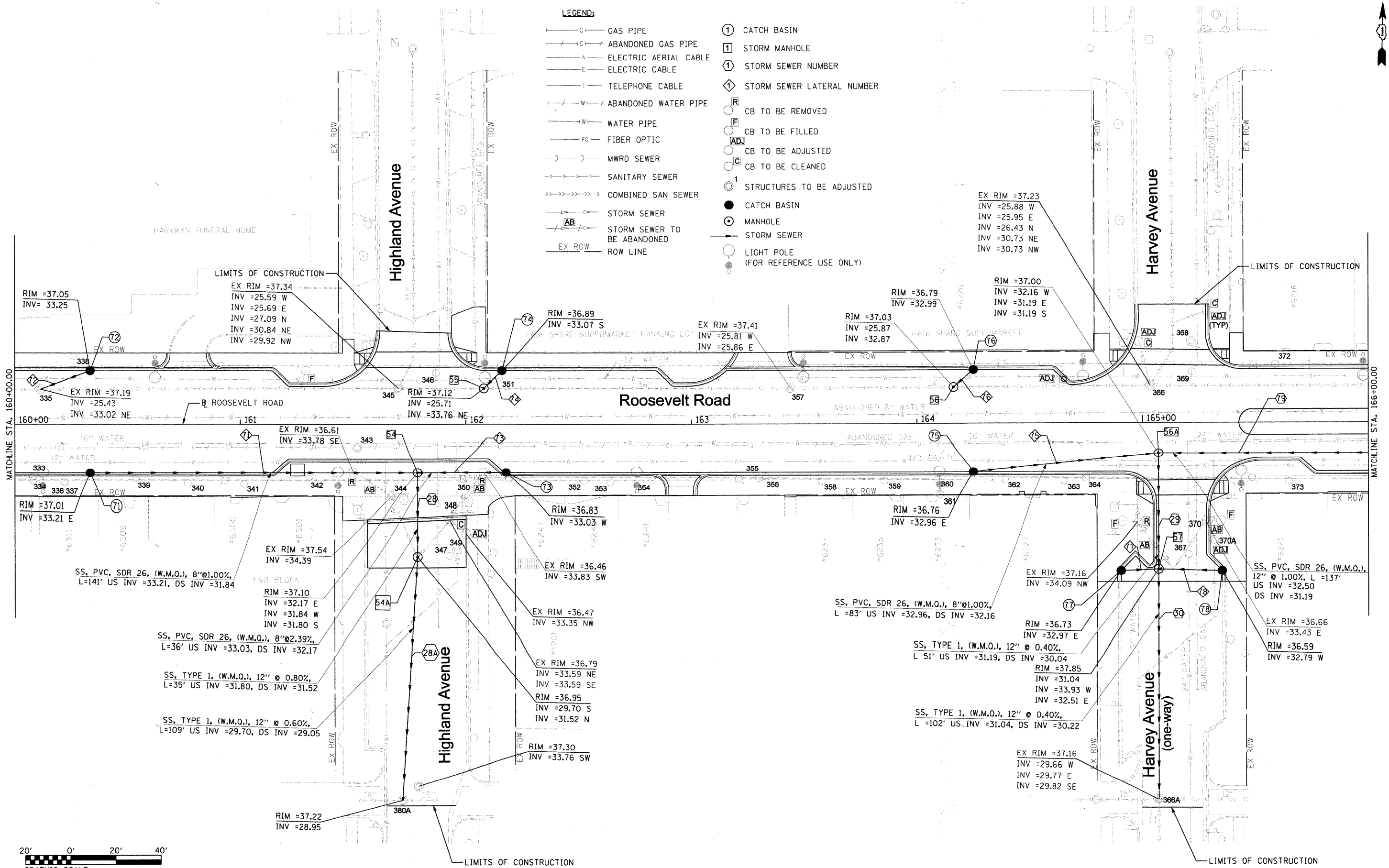


|                                     |                  |               |           |   |                                    |  |                        |             |                  |               |  |
|-------------------------------------|------------------|---------------|-----------|---|------------------------------------|--|------------------------|-------------|------------------|---------------|--|
| FILE NAME = DIRTE38-shr-draen11.dgn | USER NAME = IDOT | DESIGNED - DA | REvised - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE AND UTILITIES PLAN</b> | F.A.P. RTE. 347  | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 104 |  |
| PLOT SCALE = 20.0000' / IN.         | CHECKED - JB     | REvised -     | REvised - |   |                                    | SCALE: 1" = 20' SHEET NO. 11 OF 30 SHEETS STA. 154+00.00 TO STA. 160+00.00 |                        |             |                  |               |  |
| PLOT DATE = 3/23/2010               | DATE -           | REvised -     | REvised - |   |                                    | CONTRACT NO. 63432   |                        |             |                  |               |  |
| ILLINOIS FED. AID PROJECT           |                  |               |           |   |                                    |  |                        |             |                  |               |  |



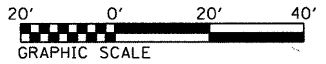
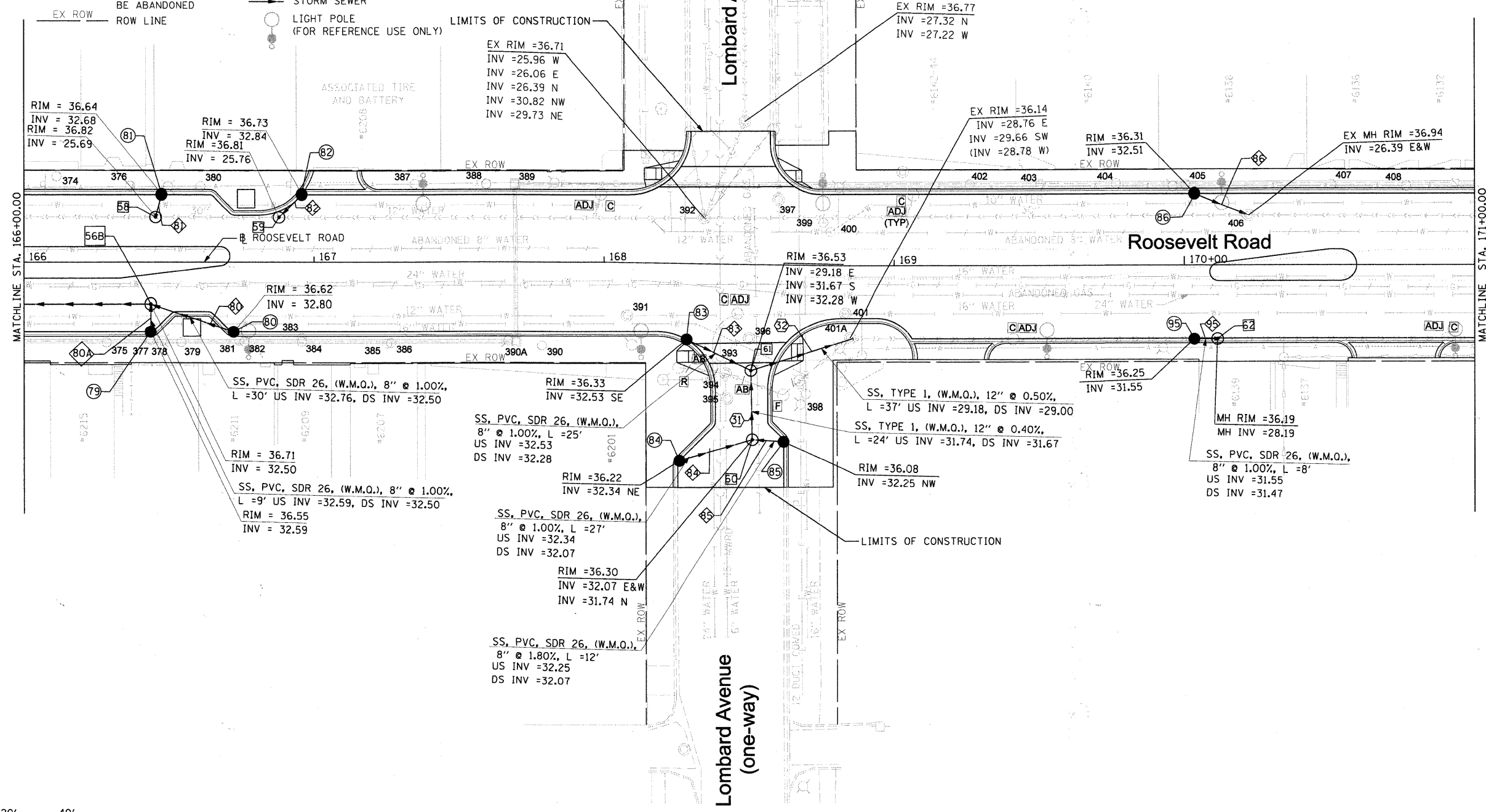
**LEGEND:**

- C— GAS PIPE
- C— ABANDONED GAS PIPE
- A— ELECTRIC AERIAL CABLE
- E— ELECTRIC CABLE
- T— TELEPHONE CABLE
- W— ABANDONED WATER PIPE
- W— WATER PIPE
- Fo— FIBER OPTIC
- ) — MWRD SEWER
- ) — SANITARY SEWER
- ) — COMBINED SAN SEWER
- ) — STORM SEWER
- ) — STORM SEWER TO BE ABANDONED
- EX ROW — ROW LINE
- ① CATCH BASIN
- ① STORM MANHOLE
- ① STORM SEWER NUMBER
- ① STORM SEWER LATERAL NUMBER
- R CB TO BE REMOVED
- F CB TO BE FILLED
- ADJ CB TO BE ADJUSTED
- C CB TO BE CLEANED
- ① STRUCTURES TO BE ADJUSTED
- CATCH BASIN
- MANHOLE
- STORM SEWER
- LIGHT POLE (FOR REFERENCE USE ONLY)



|  |                  |               |                           |   |                                    |                           |                                  |                    |                  |               |  |  |
|--|------------------|---------------|---------------------------|---|------------------------------------|---------------------------|----------------------------------|--------------------|------------------|---------------|--|--|
| FILE NAME =<br>DIRTE38-shd-drain12.dgn | USER NAME = IDDT | DESIGNED - DA | REVISED -                 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE AND UTILITIES PLAN</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS           | COUNTY COOK        | TOTAL SHEETS 274 | SHEET NO. 105 |  |  |
| PLOT SCALE = 20.0000' / IN.            | CHECKED - JB     | REVISED -     | SCALE: 1" = 20'           |   |                                    | SHEET NO. 12 OF 30 SHEETS | STA. 160+00.00 TO STA. 166+00.00 | CONTRACT NO. 63432 |                  |               |  |  |
| PLOT DATE = 3/23/2010                  | DATE             | REVISED -     | ILLINOIS FED. AID PROJECT |   |                                    |                           |                                  |                    |                  |               |  |  |
|  |                  |               |                           |   |                                    |                           |                                  |                    |                  |               |  |  |

- LEGEND:**
- GAS PIPE
  - ABANDONED GAS PIPE
  - ELECTRIC AERIAL CABLE
  - ELECTRIC CABLE
  - TELEPHONE CABLE
  - ABANDONED WATER PIPE
  - WATER PIPE
  - FIBER OPTIC
  - MWRD SEWER
  - SANITARY SEWER
  - COMBINED SAN SEWER
  - STORM SEWER
  - STORM SEWER TO BE ABANDONED
  - ROW LINE
  - CATCH BASIN
  - STORM MANHOLE
  - STORM SEWER NUMBER
  - STORM SEWER LATERAL NUMBER
  - CB TO BE REMOVED
  - CB TO BE FILLED
  - CB TO BE ADJUSTED
  - CB TO BE CLEANED
  - STRUCTURES TO BE ADJUSTED
  - CATCH BASIN
  - MANHOLE
  - STORM SEWER
  - LIGHT POLE (FOR REFERENCE USE ONLY)



|                                     |                             |               |           |
|-------------------------------------|-----------------------------|---------------|-----------|
| FILE NAME = DIRTE38-sht-drain13.dgn | USER NAME = IDOT            | DESIGNED - DA | REVISED - |
|                                     |                             | DRAWN - CC    | REVISED - |
|                                     | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |
|                                     | PLOT DATE = 3/23/2010       | DATE -        | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE AND UTILITIES PLAN**

SCALE: 1" = 20' SHEET NO. 13 OF 30 SHEETS STA. 166+00.00 TO STA. 171+00.00

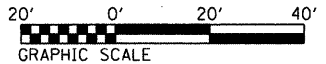
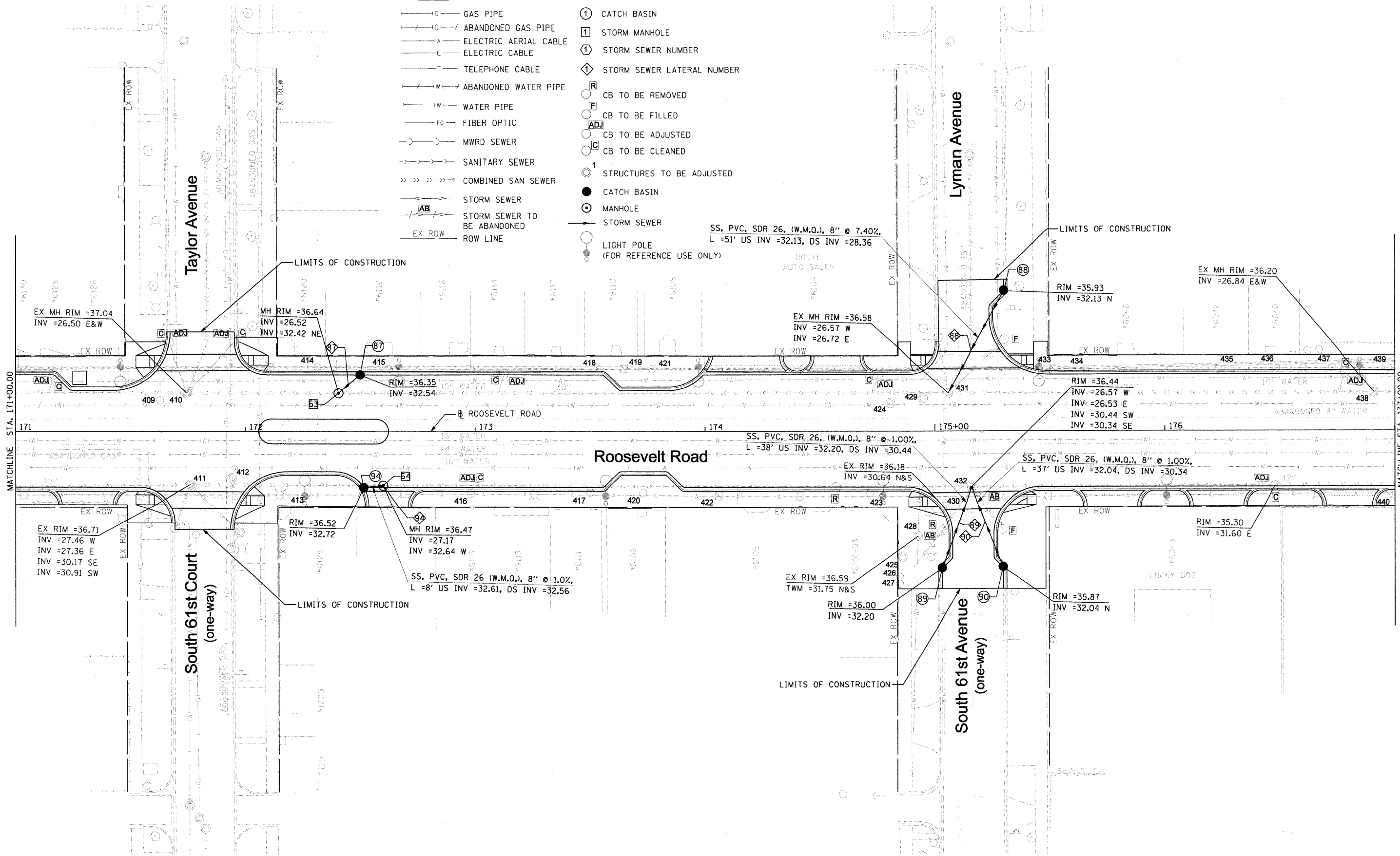
| F.A.P. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 347                       | 09-00248-00-RS | COOK   | 274          | 106       |
| CONTRACT NO. 63432        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |





**LEGEND:**

- GAS PIPE
- ABANDONED GAS PIPE
- ELECTRIC AERIAL CABLE
- ELECTRIC CABLE
- TELEPHONE CABLE
- ABANDONED WATER PIPE
- WATER PIPE
- FIBER OPTIC
- MWRD SEWER
- SANITARY SEWER
- COMBINED SAN SEWER
- STORM SEWER
- STORM SEWER TO BE ABANDONED
- ROW LINE
- CATCH BASIN
- STORM MANHOLE
- STORM SEWER NUMBER
- STORM SEWER LATERAL NUMBER
- CB TO BE REMOVED
- CB TO BE FILLED
- CB TO BE ADJUSTED
- CB TO BE CLEANED
- STRUCTURES TO BE ADJUSTED
- CATCH BASIN
- MANHOLE
- STORM SEWER
- LIGHT POLE (FOR REFERENCE USE ONLY)

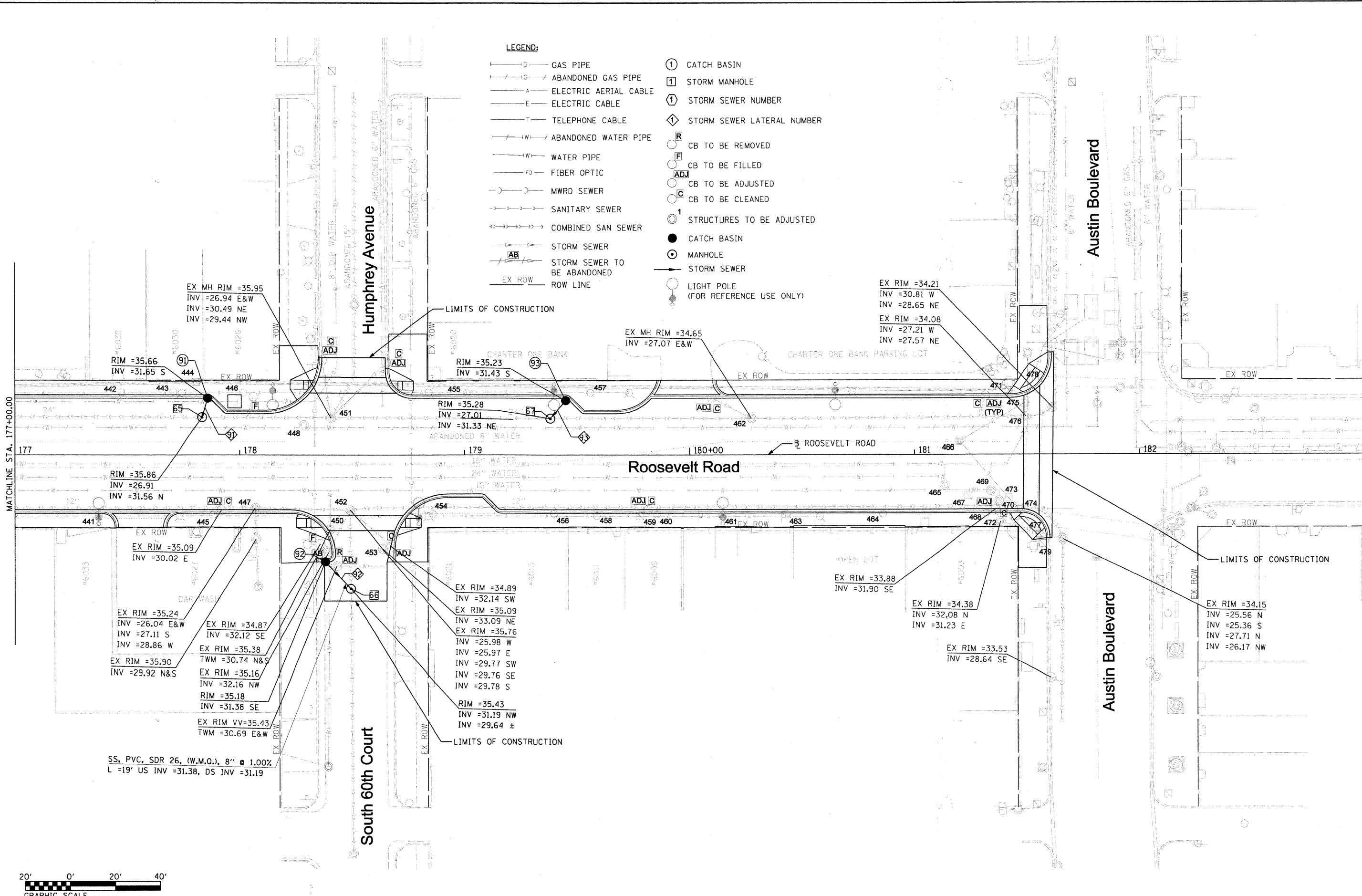


|                                     |                  |               |           |  |                                    |                           |                        |             |                  |               |
|-------------------------------------|------------------|---------------|-----------|--|------------------------------------|---------------------------|------------------------|-------------|------------------|---------------|
| FILE NAME = DIRTE08-aht-drain14.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b>                        | <b>DRAINAGE AND UTILITIES PLAN</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 107 |
| PLOT SCALE = 20,000' / IN.          |                  | DRAWN - CC    |           | SCALE: 1" = 20'    SHEET NO. 14 OF 30 SHEETS    STA. 171+00.00 TO STA. 177+00.00 |                                    | CONTRACT NO. 63432        |                        |             |                  |               |
| PLOT DATE = 3/23/2010               |                  | CHECKED - JB  |           |  |                                    | ILLINOIS FED. AID PROJECT |                        |             |                  |               |
|                                     |                  | DATE -        |           |  |                                    |                           |                        |             |                  |               |



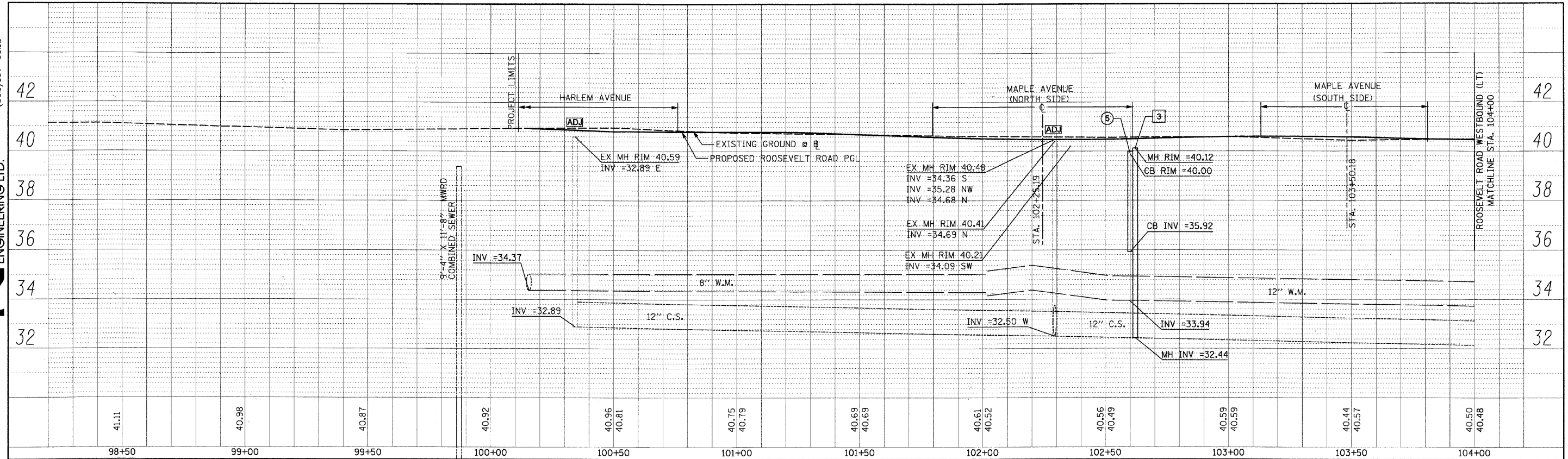
**LEGEND:**

- G — GAS PIPE
- G — ABANDONED GAS PIPE
- A — ELECTRIC AERIAL CABLE
- E — ELECTRIC CABLE
- T — TELEPHONE CABLE
- W — ABANDONED WATER PIPE
- W — WATER PIPE
- FO — FIBER OPTIC
- M — MWRD SEWER
- S — SANITARY SEWER
- CS — COMBINED SAN SEWER
- SS — STORM SEWER
- AB — STORM SEWER TO BE ABANDONED
- EX ROW — ROW LINE
- ① CATCH BASIN
- ① STORM MANHOLE
- ① STORM SEWER NUMBER
- ◇ STORM SEWER LATERAL NUMBER
- <sup>R</sup> CB TO BE REMOVED
- <sup>F</sup> CB TO BE FILLED
- <sup>ADJ</sup> CB TO BE ADJUSTED
- <sup>C</sup> CB TO BE CLEANED
- <sup>1</sup> STRUCTURES TO BE ADJUSTED
- CATCH BASIN
- MANHOLE
- STORM SEWER
- LIGHT POLE (FOR REFERENCE USE ONLY)

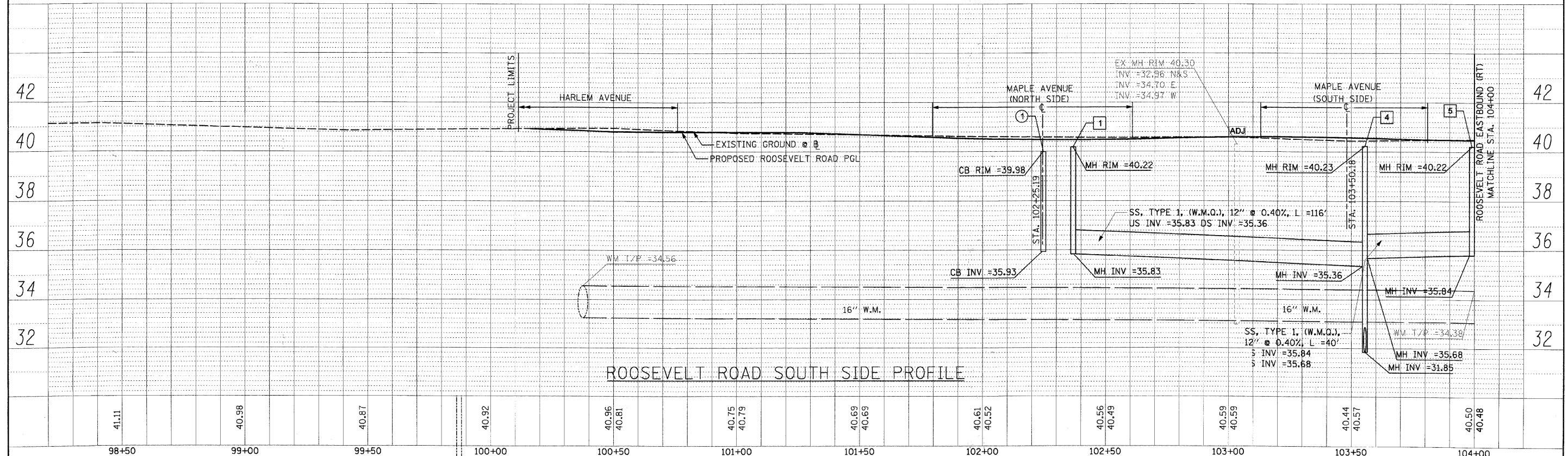


|  |                  |               |                 |   |                                    |                     |                                 |                    |                     |                           |  |
|--|------------------|---------------|-----------------|---|------------------------------------|---------------------|---------------------------------|--------------------|---------------------|---------------------------|--|
| FILE NAME =<br>DIRTE38-shr-drain15.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED -       | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE AND UTILITIES PLAN</b> | F.A.P. RTE.<br>347  | SECTION<br>09-00248-00-RS       | COUNTY<br>COOK     | TOTAL SHEETS<br>274 | SHEET NO.<br>108          |  |
| PLOT SCALE = 20,0000' / IN.            | DRAWN - CC       | REVISED -     | SCALE: 1" = 20' |   |                                    | SHEET NO. OF SHEETS | STA. 177+00.00 TO STA. 181+61.4 | CONTRACT NO. 63432 |                     | ILLINOIS FED. AID PROJECT |  |
| PLOT DATE = 3/23/2010                  | CHECKED - JB     | REVISED -     |                 |   |                                    |                     |                                 |                    |                     |                           |  |
| DATE -                                 |                  | REVISED -     |                 |   |                                    |                     |                                 |                    |                     |                           |  |



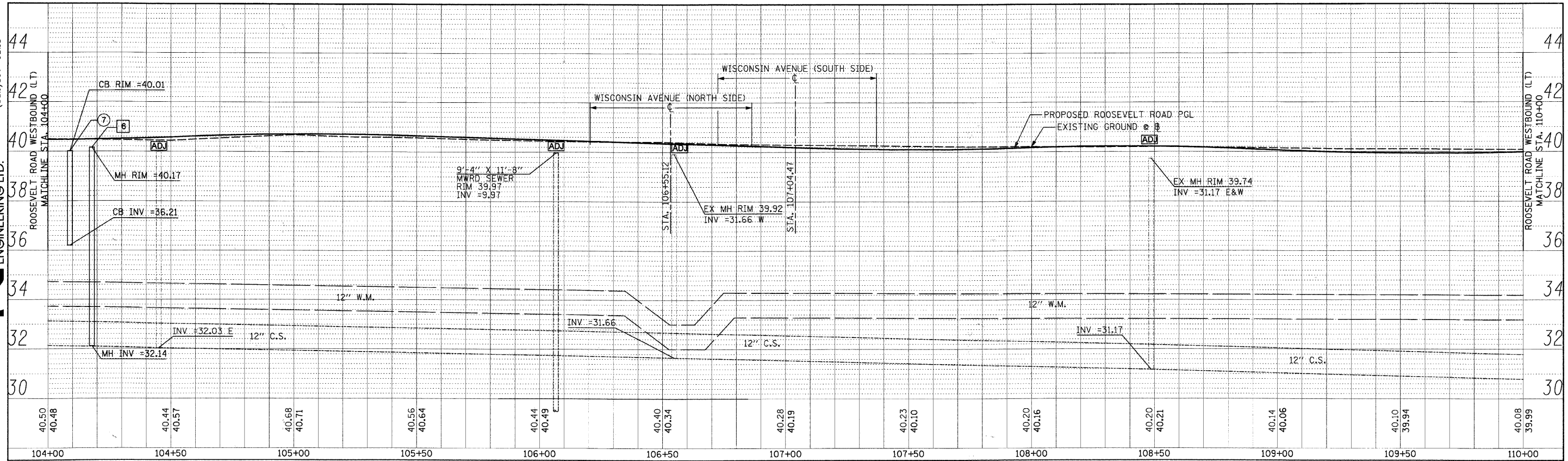


Roosevelt Road North Side Profile

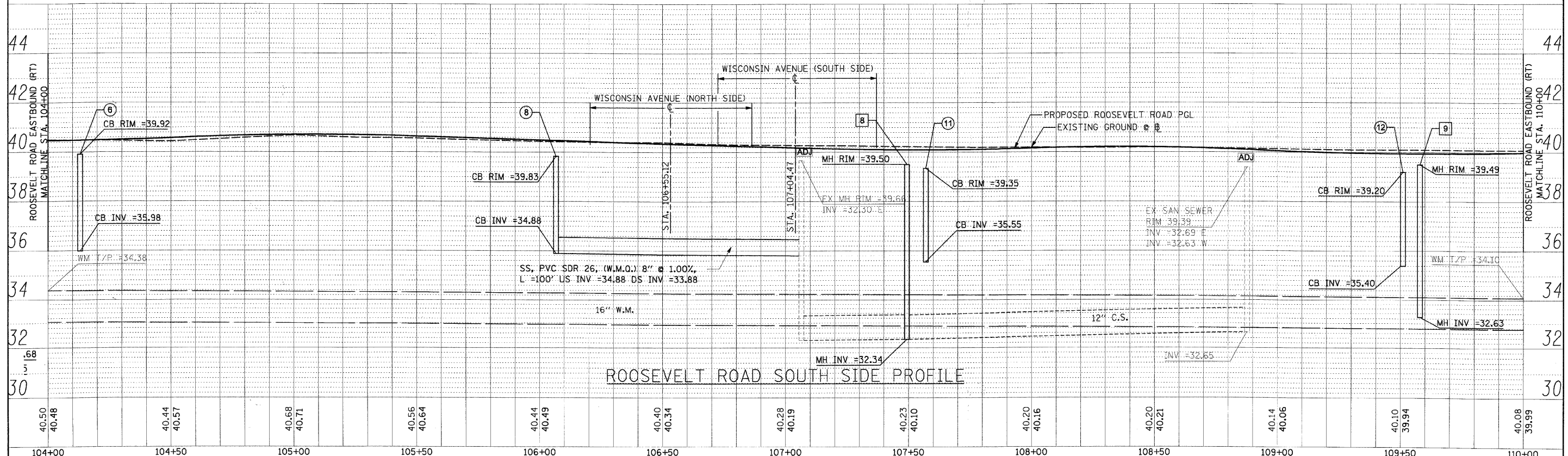


Roosevelt Road South Side Profile

|   |                  |               |           |   |                         |                           |                        |               |                   |                    |  |
|---|------------------|---------------|-----------|---|-------------------------|---------------------------|------------------------|---------------|-------------------|--------------------|--|
| FILE NAME = DIRTE38-shr-dr-ajnpnf01.dgn | USER NAME = IDDT | DESIGNED - DA | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS | COUNTY COOK   | TOTAL SHEETS 274  | SHEET NO. 109      |  |
| PLOT SCALE = 20.0000' / IN.             | CHECKED - JB     | REVISED -     | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. OF 30 SHEETS | STA. 100+16.2 | TO STA. 104+00.00 | CONTRACT NO. 63432 |  |
| PLOT DATE = 3/11/2010                   | DATE             | REVISED -     | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                        |               |                   |                    |  |
|   |                  |               |           |   |                         |                           |                        |               |                   |                    |  |

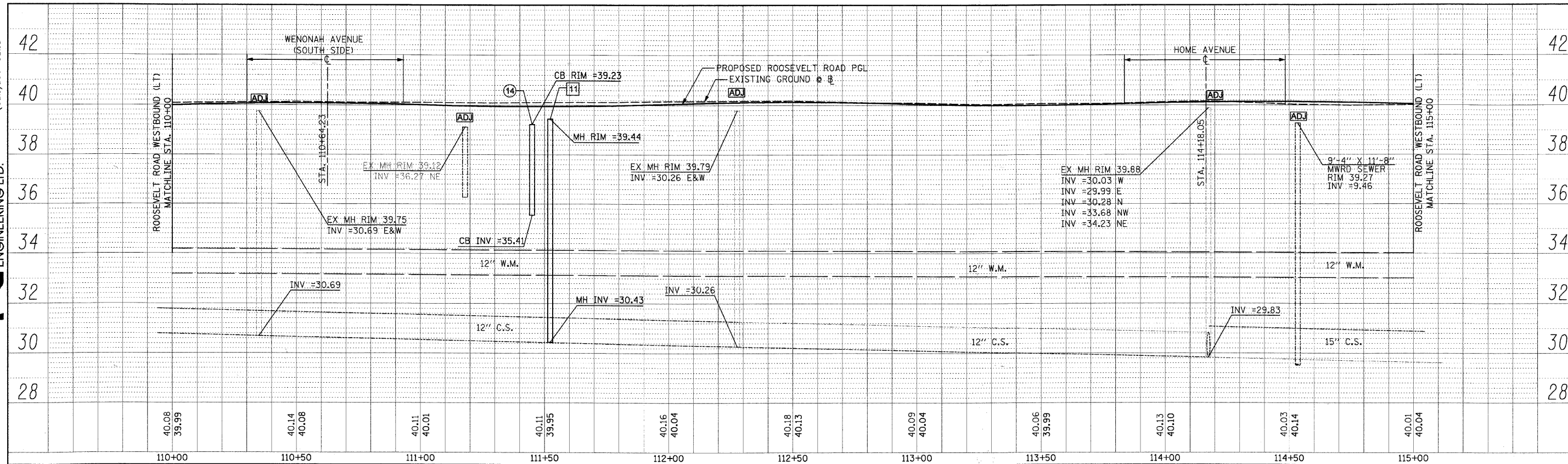


Roosevelt Road North Side Profile

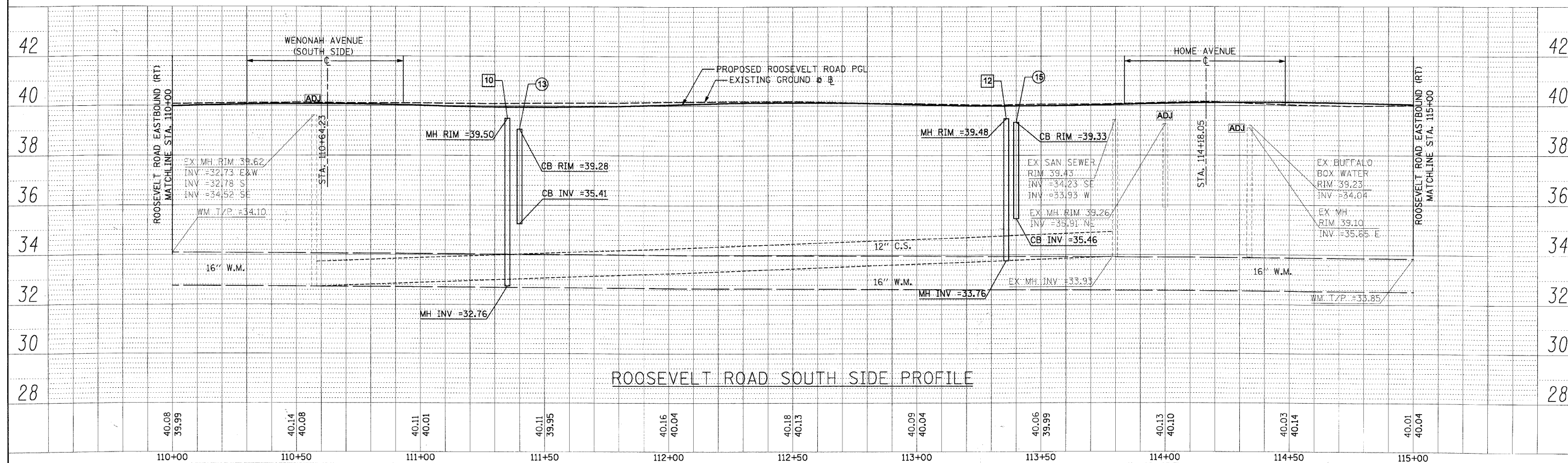


Roosevelt Road South Side Profile

|  |                  |               |           |   |                         |                           |                        |                                  |                    |               |  |  |
|--|------------------|---------------|-----------|---|-------------------------|---------------------------|------------------------|----------------------------------|--------------------|---------------|--|--|
| FILE NAME = DIRTE38-sh1-drainprf02.dgn | USER NAME = IDDT | DESIGNED - DA | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 110 |  |  |
| PLT SCALE = 20,0000' / IN.             | CHECKED - JB     | REVISED -     | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. OF 30 SHEETS | STA. 100+04.00 TO STA. 110+00.00 | CONTRACT NO. 63432 |               |  |  |
| PLT DATE = 3/1/2010                    | DATE -           | REVISED -     | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                        |                                  |                    |               |  |  |
|  |                  |               |           |   |                         |                           |                        |                                  |                    |               |  |  |

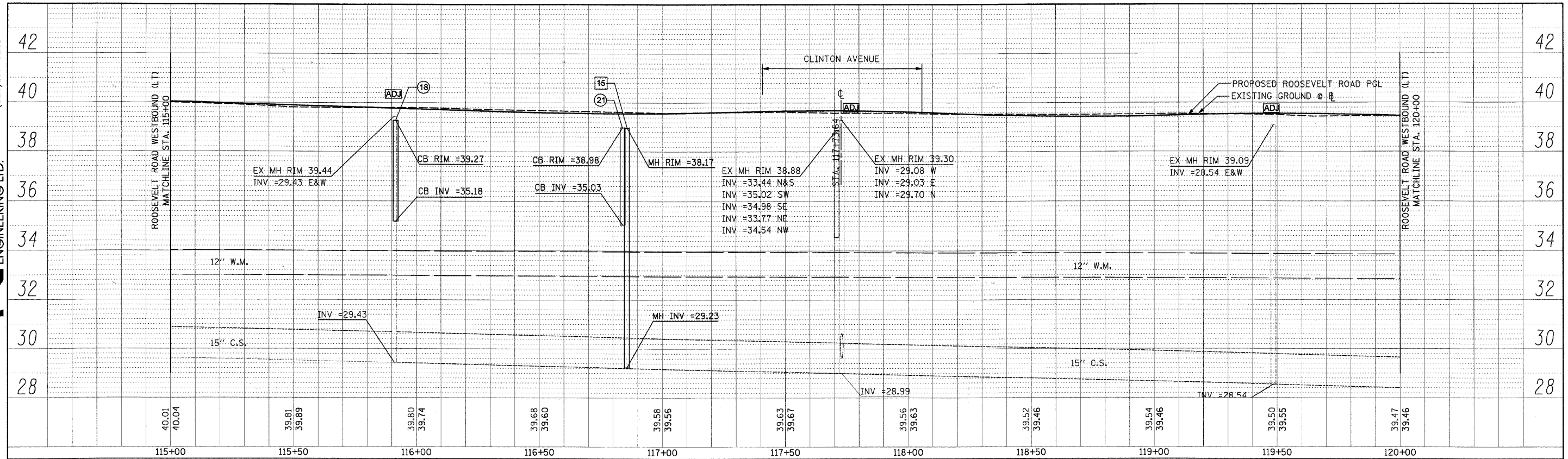


Roosevelt Road North Side Profile

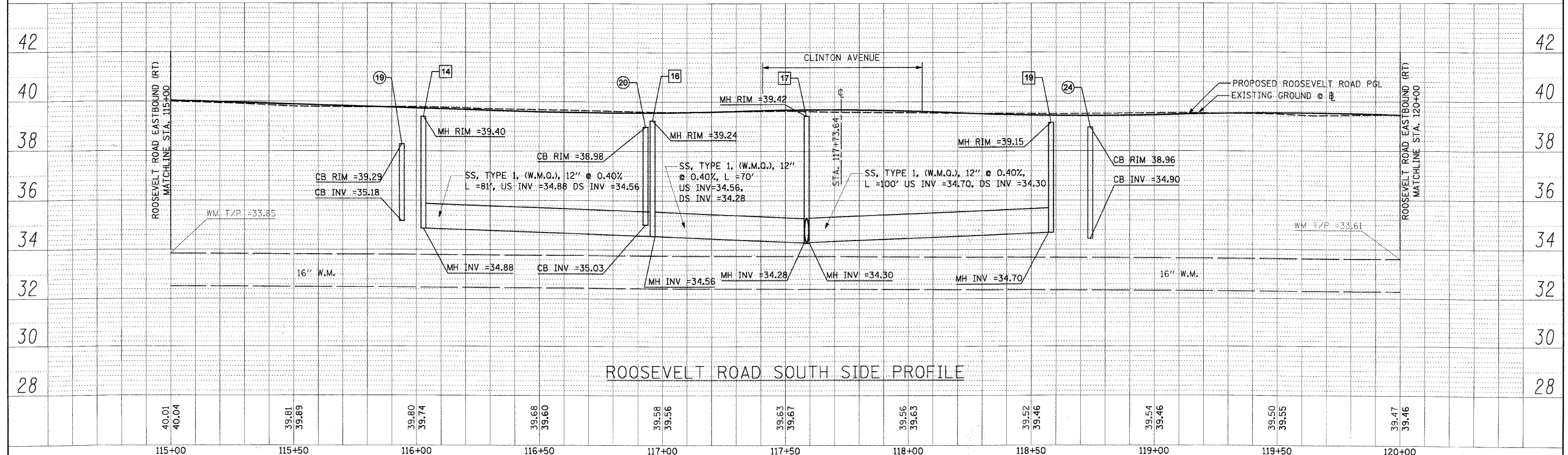


Roosevelt Road South Side Profile

|   |                  |               |                           |   |                         |                        |                                  |                    |                  |               |  |  |
|---|------------------|---------------|---------------------------|---|-------------------------|------------------------|----------------------------------|--------------------|------------------|---------------|--|--|
| FILE NAME =<br>DIRTE30-shr-drainar#03.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED -                 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347        | SECTION 09-00248-00-RS           | COUNTY COOK        | TOTAL SHEETS 274 | SHEET NO. 111 |  |  |
| PLOT SCALE = 20.0000' / IN.               | CHECKED - JB     | REVISED -     | SCALE: 1" = 20'           |   |                         | SHEET NO. OF 30 SHEETS | STA. 110+00.00 TO STA. 115+00.00 | CONTRACT NO. 63432 |                  |               |  |  |
| PLOT DATE = 3/11/2012                     | DATE -           | REVISED -     | ILLINOIS FED. AID PROJECT |   |                         |                        |                                  |                    |                  |               |  |  |
|   |                  |               |                           |   |                         |                        |                                  |                    |                  |               |  |  |

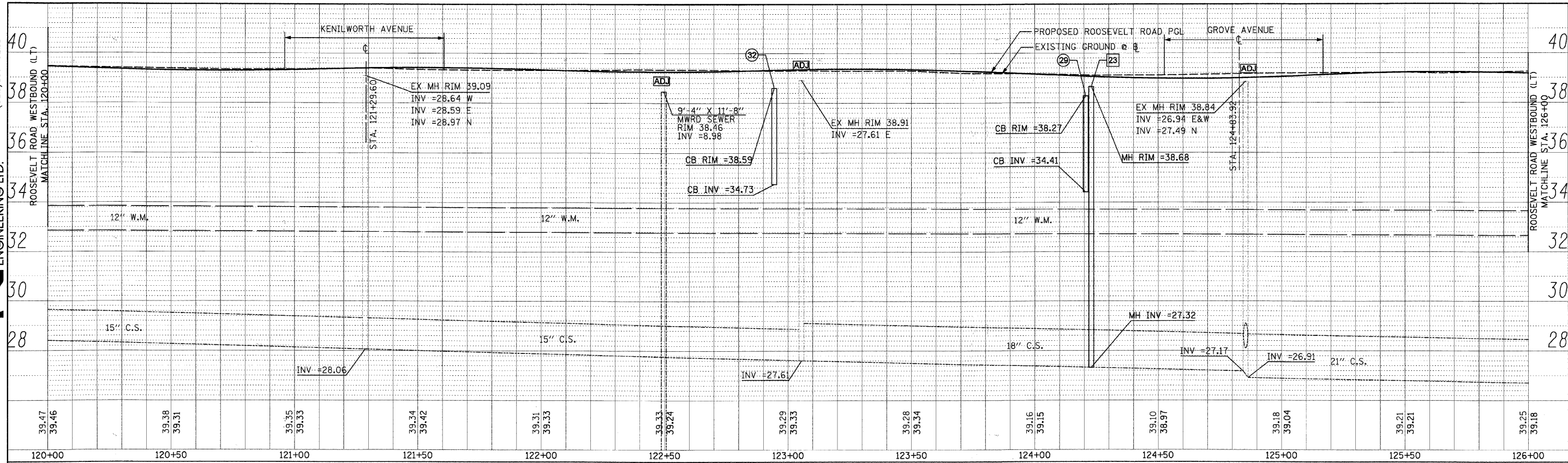


Roosevelt Road North Side Profile

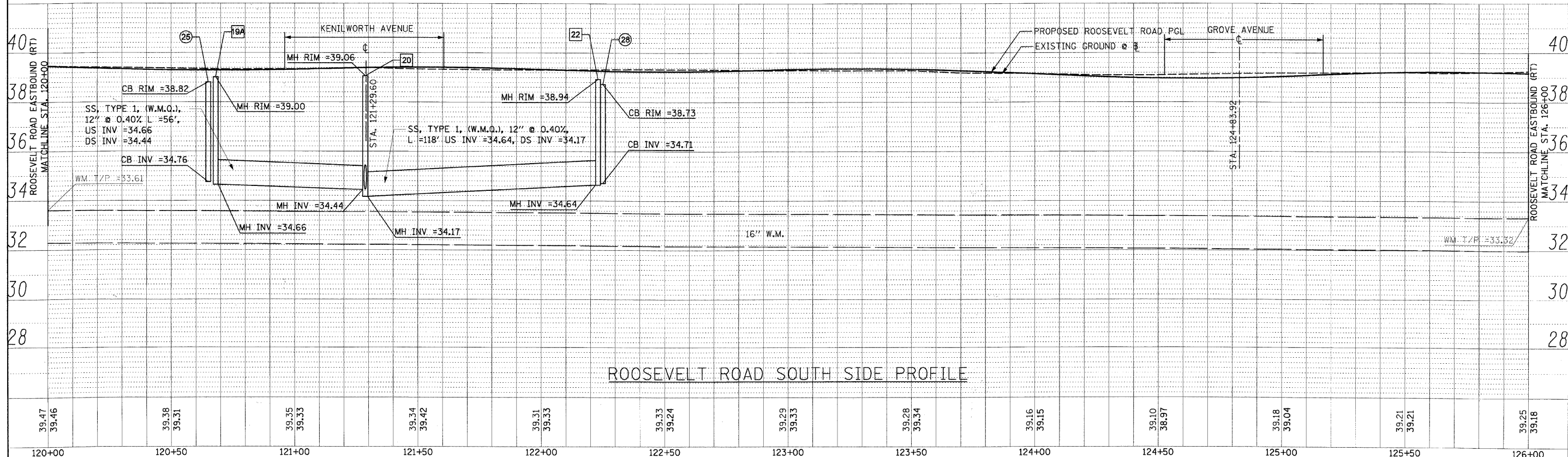


Roosevelt Road South Side Profile

|  |                  |               |                 |   |                         |                        |                                  |                    |                  |                           |  |  |
|--|------------------|---------------|-----------------|---|-------------------------|------------------------|----------------------------------|--------------------|------------------|---------------------------|--|--|
| FILE NAME = DIRTE30-shc-drainprf24.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED -       | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347        | SECTION 09-00248-00-R5           | COUNTY COOK        | TOTAL SHEETS 274 | SHEET NO. 112             |  |  |
| PLOT SCALE = 20,0000' / IN.            | CHECKED - JB     | REVISED -     | SCALE: 1" = 20' |   |                         | SHEET NO. OF 30 SHEETS | STA. 115+00.00 TO STA. 120+00.00 | CONTRACT NO. 63432 |                  | ILLINOIS FED. AID PROJECT |  |  |
| PLOT DATE = 3/11/2012                  | DATE -           | REVISED -     |                 |   |                         |                        |                                  |                    |                  |                           |  |  |
|  |                  |               |                 |   |                         |                        |                                  |                    |                  |                           |  |  |

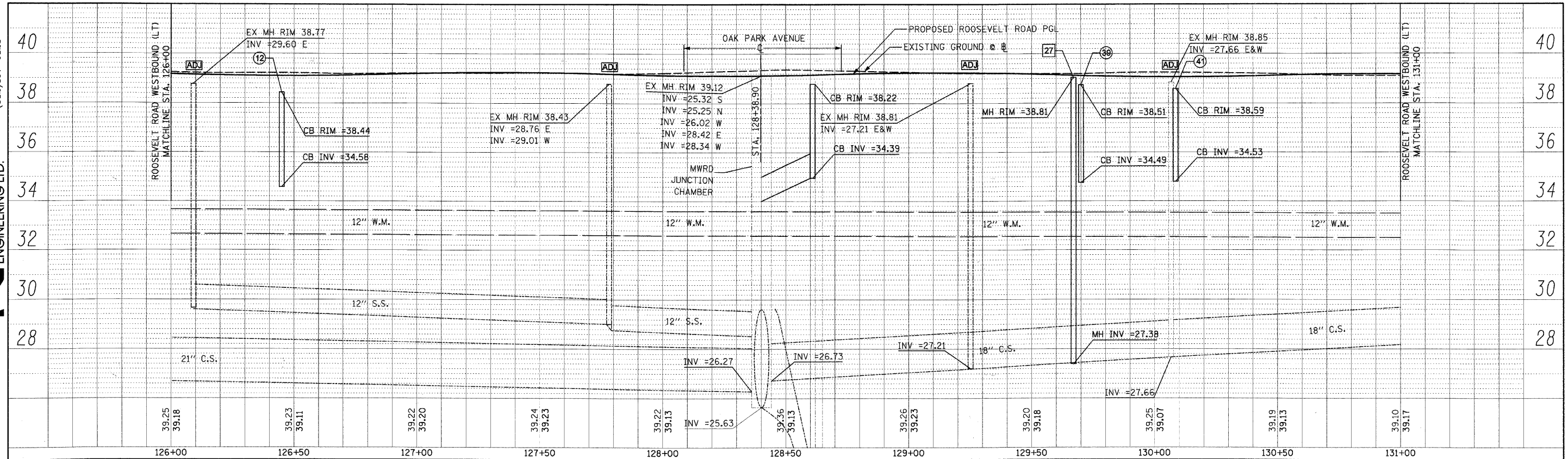


Roosevelt Road North Side Profile

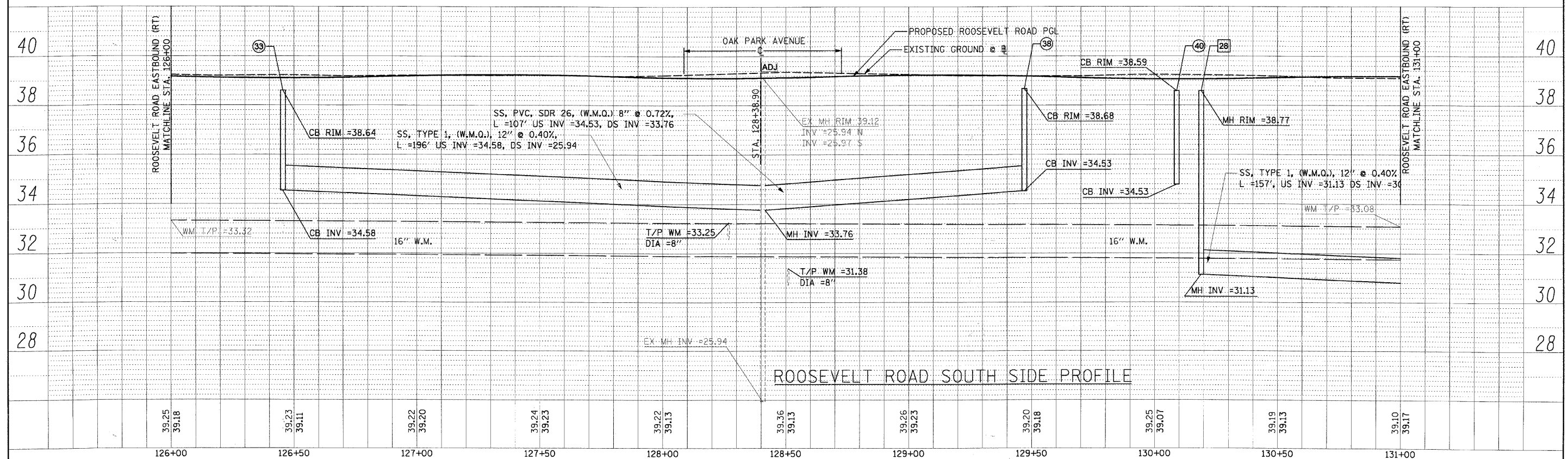


Roosevelt Road South Side Profile

|                                       |                  |               |                           |   |                         |                        |                                  |                    |                  |               |  |  |
|---------------------------------------|------------------|---------------|---------------------------|---|-------------------------|------------------------|----------------------------------|--------------------|------------------|---------------|--|--|
| FILE NAME = DIRTE38-shd-dra\prf25.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED -                 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347        | SECTION 09-00248-00-RS           | COUNTY COOK        | TOTAL SHEETS 274 | SHEET NO. 113 |  |  |
| PLCT SCALE = 20.0000' / IN.           | CHECKED - JB     | REVISED -     | SCALE: 1" = 20'           |   |                         | SHEET NO. OF 30 SHEETS | STA. 120+00.00 TO STA. 126+00.00 | CONTRACT NO. 63432 |                  |               |  |  |
| PLCT DATE = 3/11/2012                 | DATE -           | REVISED -     | ILLINOIS FED. AID PROJECT |   |                         |                        |                                  |                    |                  |               |  |  |
|                                       |                  |               |                           |   |                         |                        |                                  |                    |                  |               |  |  |

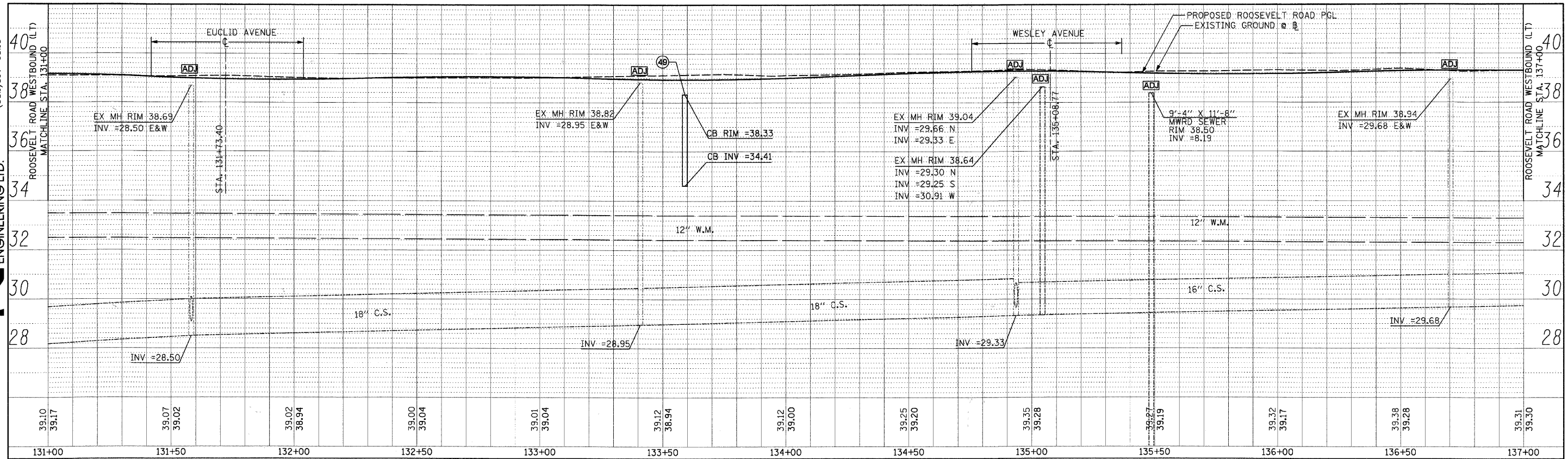


Roosevelt Road North Side Profile

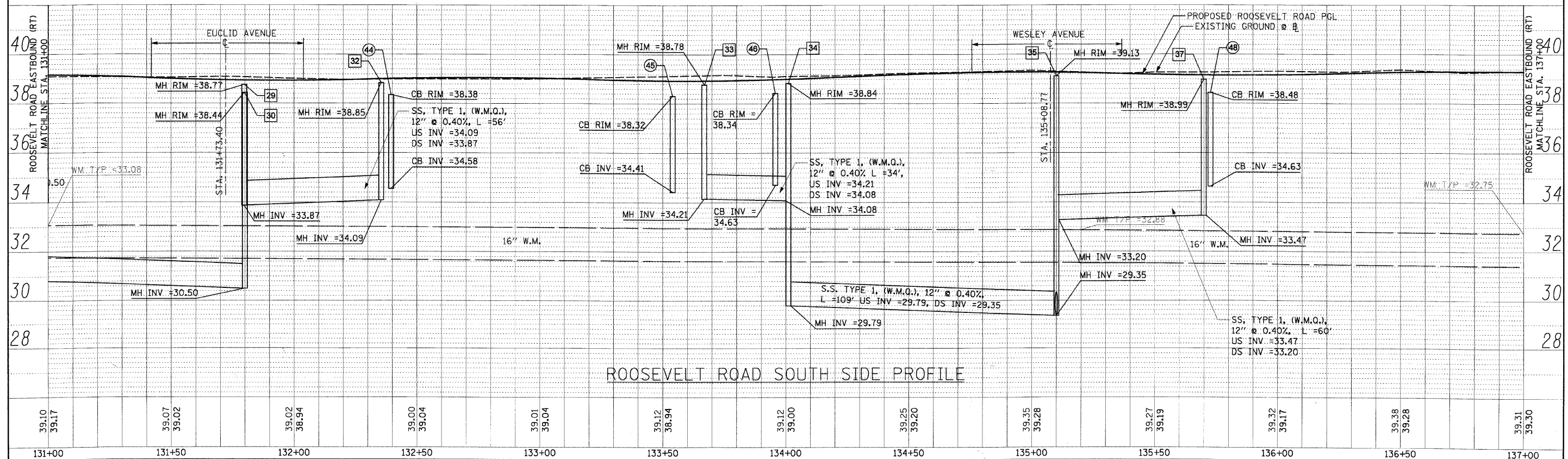


Roosevelt Road South Side Profile

|   |                  |               |                 |   |                         |                        |                                  |                    |                  |                           |  |
|---|------------------|---------------|-----------------|---|-------------------------|------------------------|----------------------------------|--------------------|------------------|---------------------------|--|
| FILE NAME = DIRTE38-sh-t-drainprf26.dgn | USER NAME = IDDT | DESIGNED - DA | REVISED -       | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347        | SECTION 09-00248-00-RS           | COUNTY COOK        | TOTAL SHEETS 274 | SHEET NO. 114             |  |
| PLOT SCALE = 20.0000' / IN.             | CHECKED - JB     | REVISED -     | SCALE: 1" = 20' |   |                         | SHEET NO. OF 30 SHEETS | STA. 126+00.00 TO STA. 131+00.00 | CONTRACT NO. 63432 |                  | ILLINOIS FED. AID PROJECT |  |
| PLOT DATE = 3/11/2018                   | DATE -           | REVISED -     |                 |   |                         |                        |                                  |                    |                  |                           |  |
|   |                  |               |                 |   |                         |                        |                                  |                    |                  |                           |  |

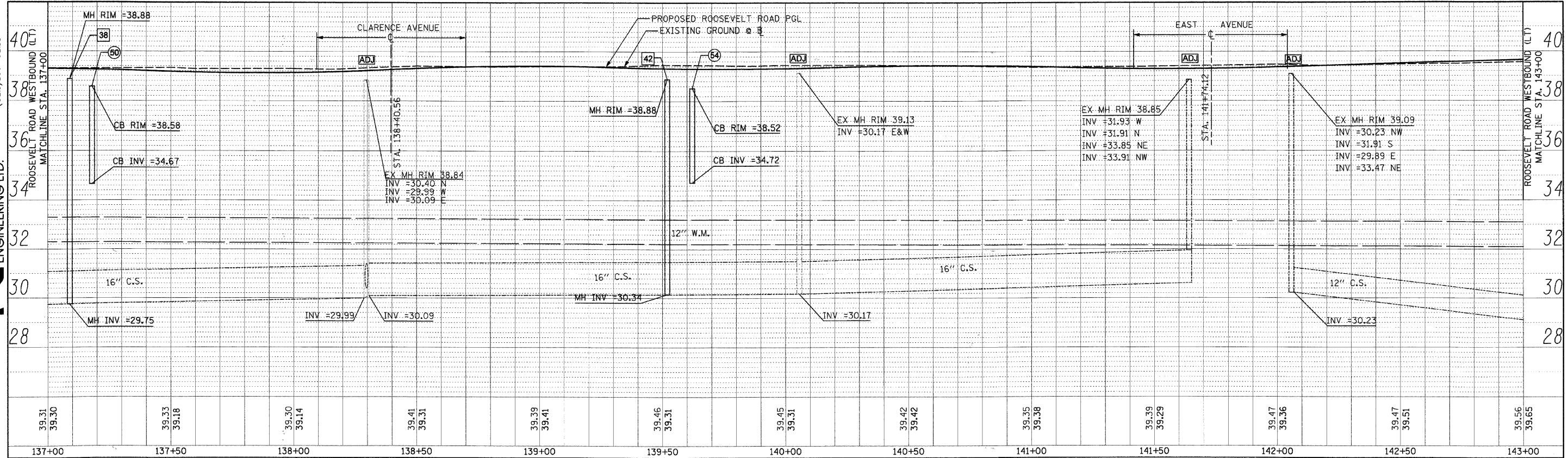


Roosevelt Road North Side Profile

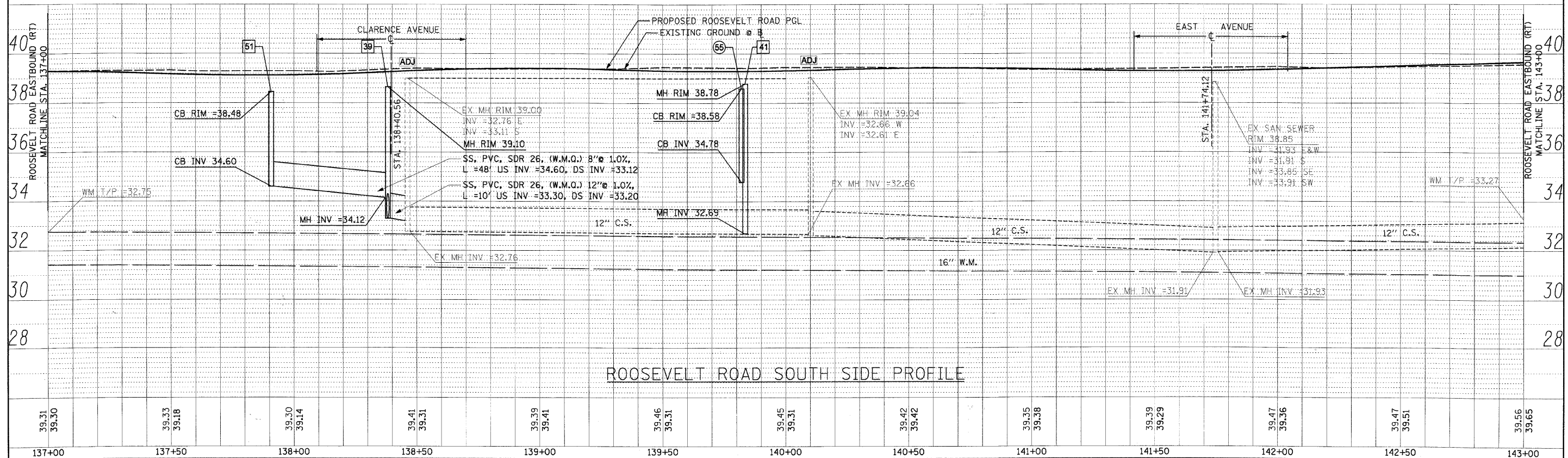


Roosevelt Road South Side Profile

|                                       |                  |               |           |   |                         |                           |                           |                                  |                    |               |  |  |
|---------------------------------------|------------------|---------------|-----------|---|-------------------------|---------------------------|---------------------------|----------------------------------|--------------------|---------------|--|--|
| FILE NAME = DIRTE38-shr-draupr107.dgn | USER NAME = 1001 | DESIGNED - DA | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-R5    | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 115 |  |  |
| PLOT SCALE = 20.0000' / IN.           | CHECKED - JB     | REVISED -     | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. 07 OF 30 SHEETS | STA. 131+00.00 TO STA. 137+00.00 | CONTRACT NO. 63432 |               |  |  |
| PLOT DATE = 3/11/2010                 | DATE             | REVISED -     | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                           |                                  |                    |               |  |  |
|                                       |                  |               |           |   |                         |                           |                           |                                  |                    |               |  |  |



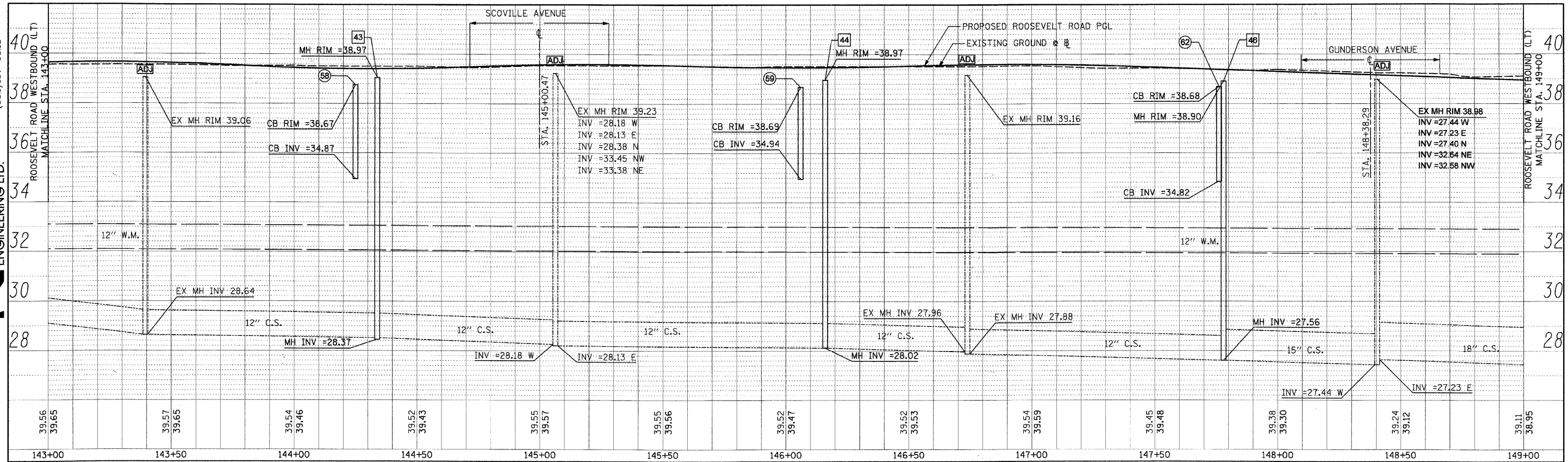
Roosevelt Road North Side Profile



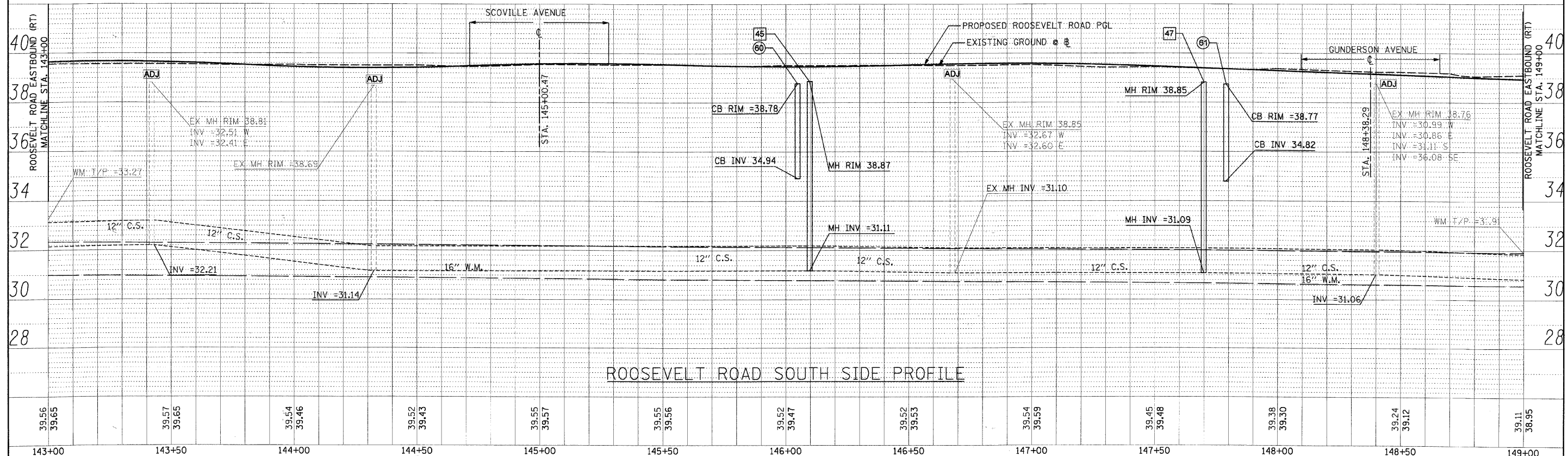
Roosevelt Road South Side Profile

|                                       |                  |               |           |   |                         |                           |                        |                                  |                    |               |  |  |
|---------------------------------------|------------------|---------------|-----------|---|-------------------------|---------------------------|------------------------|----------------------------------|--------------------|---------------|--|--|
| FILE NAME = DIRTE38-shd-drauprf28.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 116 |  |  |
| PLOT SCALE = 20.0000' / IN.           | CHECKED - JB     | REVISED -     | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. OF 30 SHEETS | STA. 137+00.00 TO STA. 143+00.00 | CONTRACT NO. 63432 |               |  |  |
| PLOT DATE = 3/11/2010                 | DATE -           | REVISED -     | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                        |                                  |                    |               |  |  |
|                                       |                  |               |           |   |                         |                           |                        |                                  |                    |               |  |  |



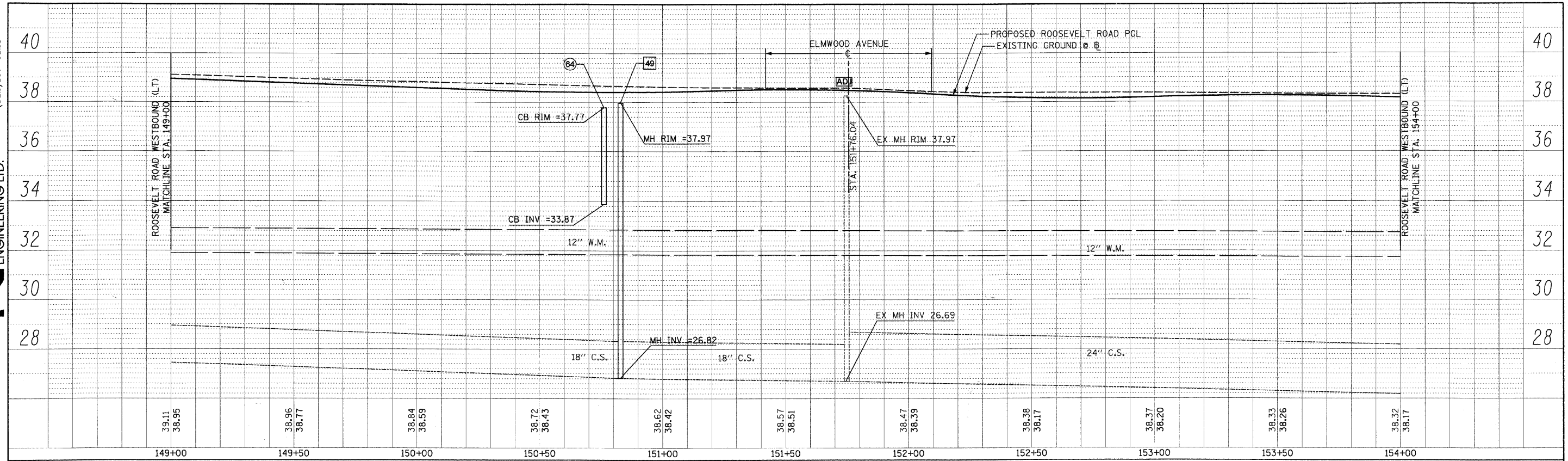


Roosevelt Road North Side Profile

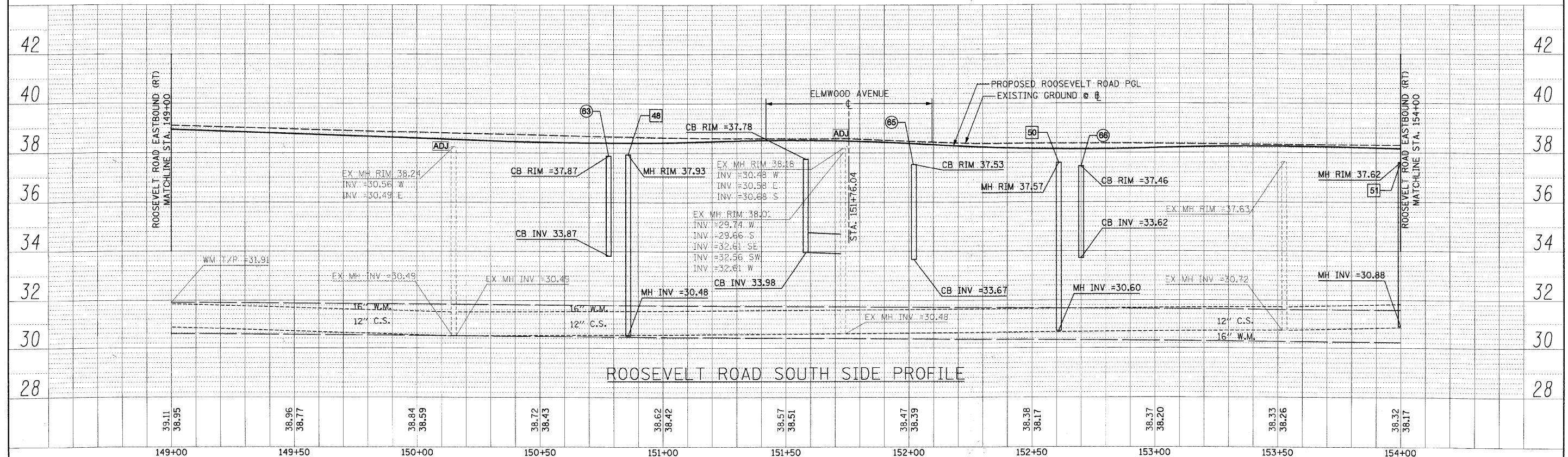


Roosevelt Road South Side Profile

|  |                  |               |                 |   |                         |                        |                                  |                    |                    |                           |  |
|--|------------------|---------------|-----------------|---|-------------------------|------------------------|----------------------------------|--------------------|--------------------|---------------------------|--|
| FILE NAME = DIRTE38-shr-drainprf03.dgn | USER NAME = TDDT | DESIGNED - DA | REVISED -       | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. = 347      | SECTION = 09-00248-00-R5         | COUNTY = COOK      | TOTAL SHEETS = 274 | SHEET NO. = 117           |  |
| PLOT SCALE = 20.0000' / IN.            | CHECKED - JB     | REVISED -     | SCALE: 1" = 20' |   |                         | SHEET NO. OF 30 SHEETS | STA. 143+00.00 TO STA. 149+00.00 | CONTRACT NO. 63432 |                    | ILLINOIS FED. AID PROJECT |  |
| PLOT DATE = 3/11/2010                  | DATE -           | REVISED -     |                 |   |                         |                        |                                  |                    |                    |                           |  |
|  |                  |               |                 |   |                         |                        |                                  |                    |                    |                           |  |

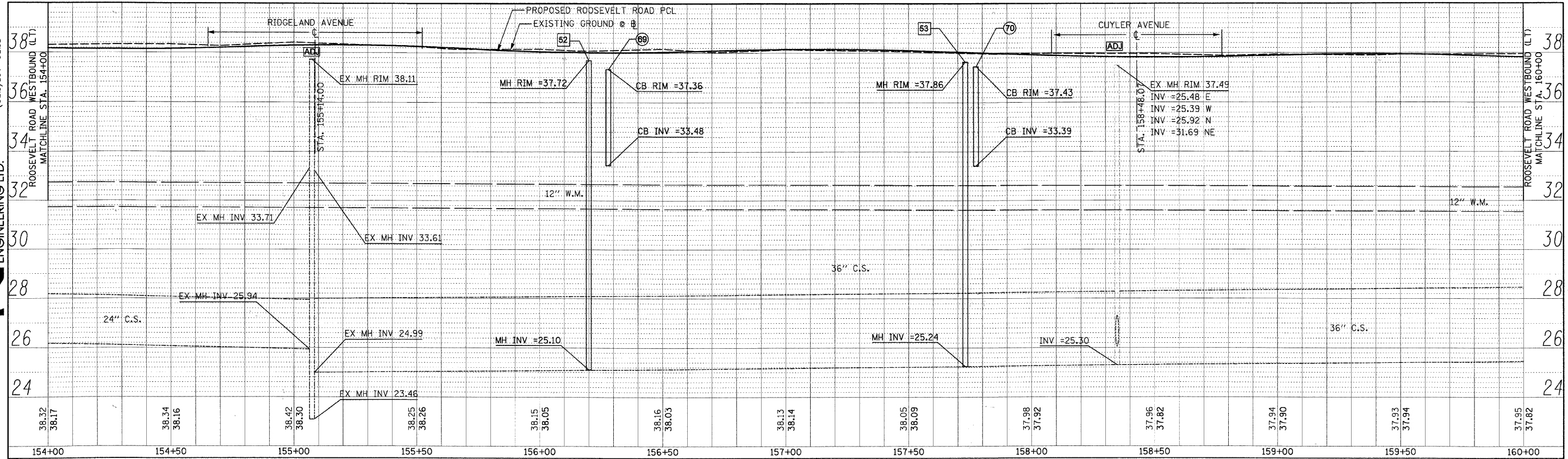


Roosevelt Road North Side Profile

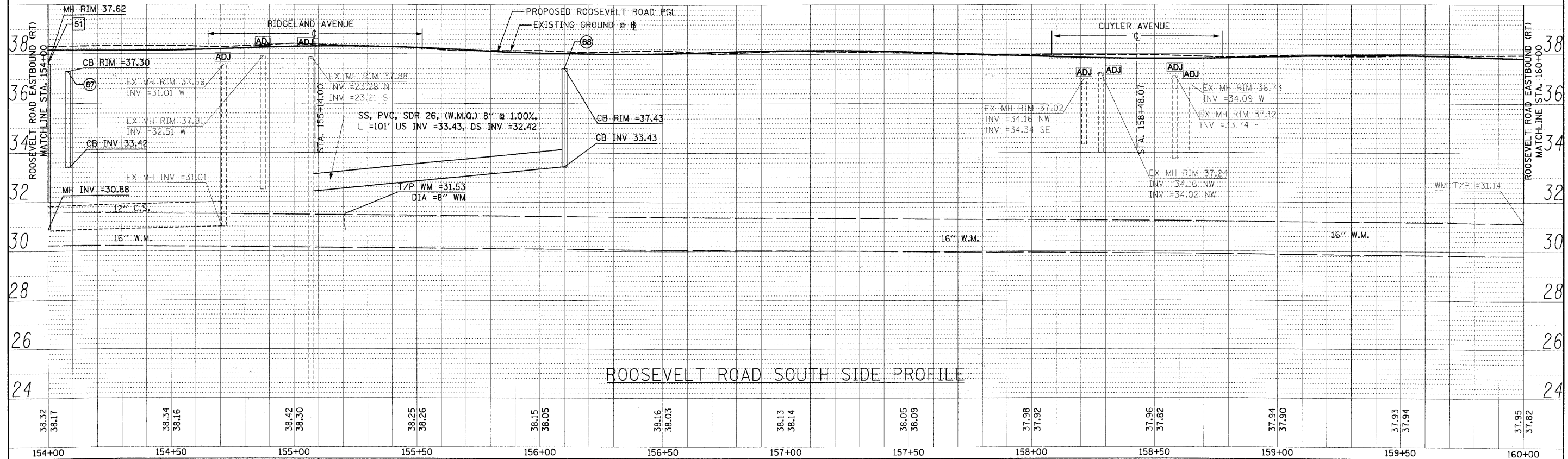


Roosevelt Road South Side Profile

|   |                  |               |           |   |                         |                           |                        |                                  |                    |               |  |  |
|---|------------------|---------------|-----------|---|-------------------------|---------------------------|------------------------|----------------------------------|--------------------|---------------|--|--|
| FILE NAME = DIRTE38-shd-dr-ainp-f10.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RITE. 347          | SECTION 09-00248-00-R5 | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 118 |  |  |
| PLOT SCALE = 20.0000' / IN.             | CHECKED - JB     | REVISED -     | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. OF 30 SHEETS | STA. 149+00.00 TO STA. 154+00.00 | CONTRACT NO. 63432 |               |  |  |
| PLOT DATE = 3/11/2010                   | DATE -           | REVISED -     | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                        |                                  |                    |               |  |  |
|   |                  |               |           |   |                         |                           |                        |                                  |                    |               |  |  |

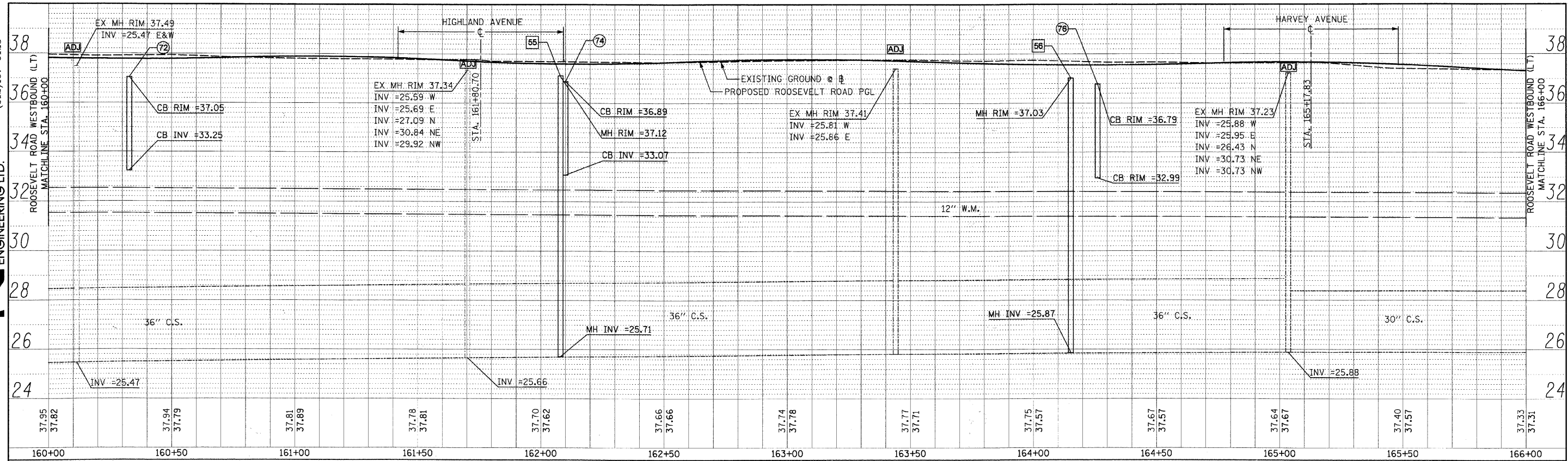


Roosevelt Road North Side Profile

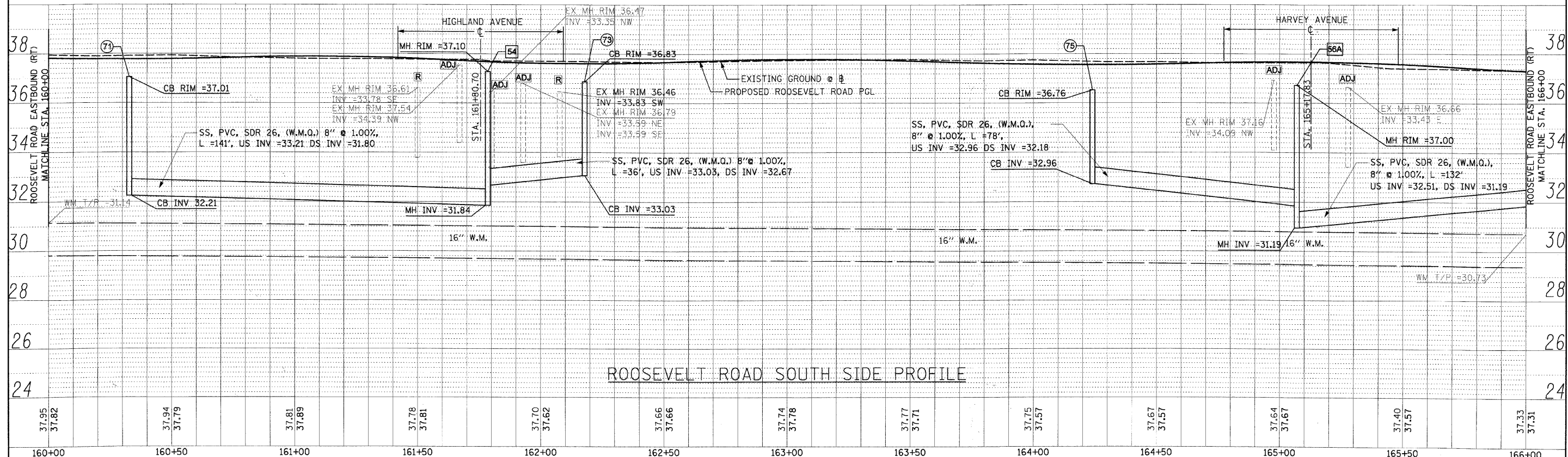


Roosevelt Road South Side Profile

|                                       |                  |               |                           |   |                         |                        |                                  |                    |                  |               |  |  |
|---------------------------------------|------------------|---------------|---------------------------|---|-------------------------|------------------------|----------------------------------|--------------------|------------------|---------------|--|--|
| FILE NAME = DIRTE38-sh-dra-npr111.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED -                 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347        | SECTION 09-00248-00-RS           | COUNTY COOK        | TOTAL SHEETS 274 | SHEET NO. 119 |  |  |
| PLOT SCALE = 20.0000' / IN.           | CHECKED - JB     | REVISED -     | SCALE: 1" = 20'           |   |                         | SHEET NO. OF 30 SHEETS | STA. 154+00.00 TO STA. 160+00.00 | CONTRACT NO. 63432 |                  |               |  |  |
| PLOT DATE = 3/11/2010                 | DATE -           | REVISED -     | ILLINOIS FED. AID PROJECT |   |                         |                        |                                  |                    |                  |               |  |  |
|                                       |                  |               |                           |   |                         |                        |                                  |                    |                  |               |  |  |

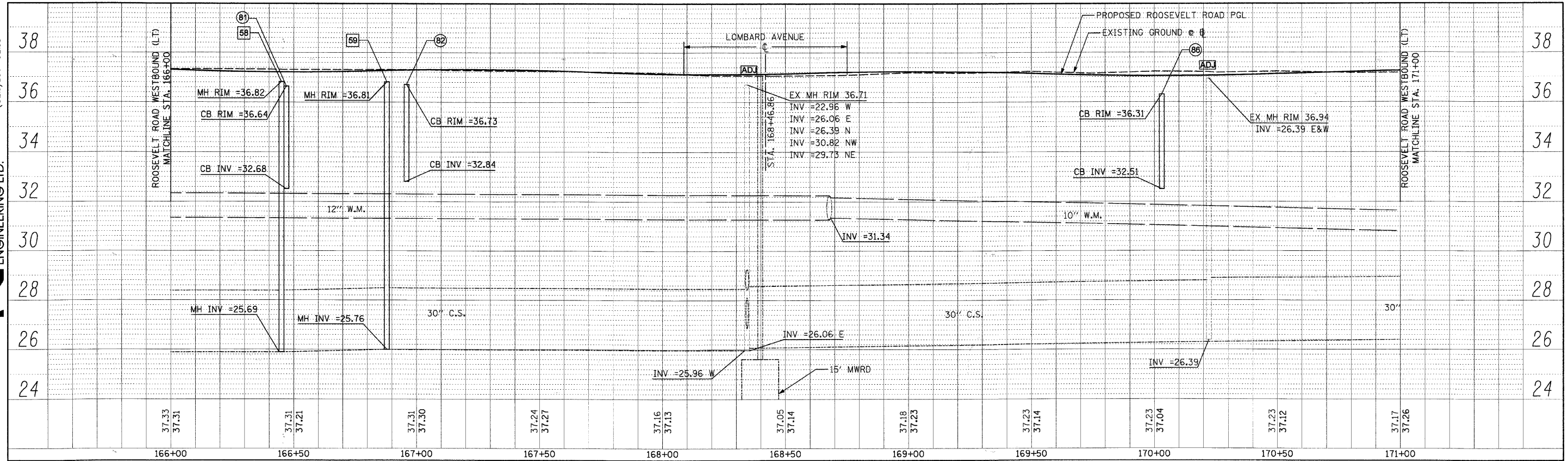


Roosevelt Road North Side Profile

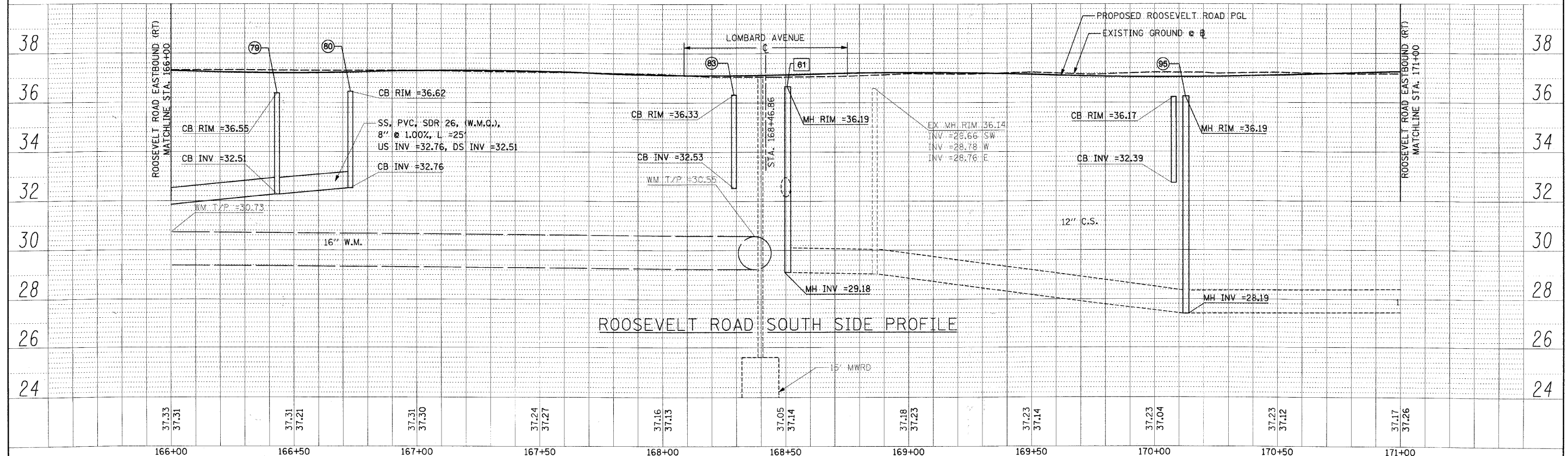


Roosevelt Road South Side Profile

|   |                  |               |                 |   |                         |                        |                                  |                    |                  |                           |  |
|---|------------------|---------------|-----------------|---|-------------------------|------------------------|----------------------------------|--------------------|------------------|---------------------------|--|
| FILE NAME = DIRTE38-sh-t-drainprf12.dgn | USER NAME = IDDT | DESIGNED - DA | REVISED -       | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. 347        | SECTION 09-00248-00-RS           | COUNTY COOK        | TOTAL SHEETS 274 | SHEET NO. 120             |  |
| PLOT SCALE = 20.0002' / IN.             | CHECKED - JB     | REVISED -     | SCALE: 1" = 20' |   |                         | SHEET NO. OF 30 SHEETS | STA. 160+00.00 TO STA. 166+00.00 | CONTRACT NO. 63432 |                  | ILLINOIS FED. AID PROJECT |  |
| PLOT DATE = 3/11/2010                   | DATE -           | REVISED -     |                 |   |                         |                        |                                  |                    |                  |                           |  |
|   |                  |               |                 |   |                         |                        |                                  |                    |                  |                           |  |

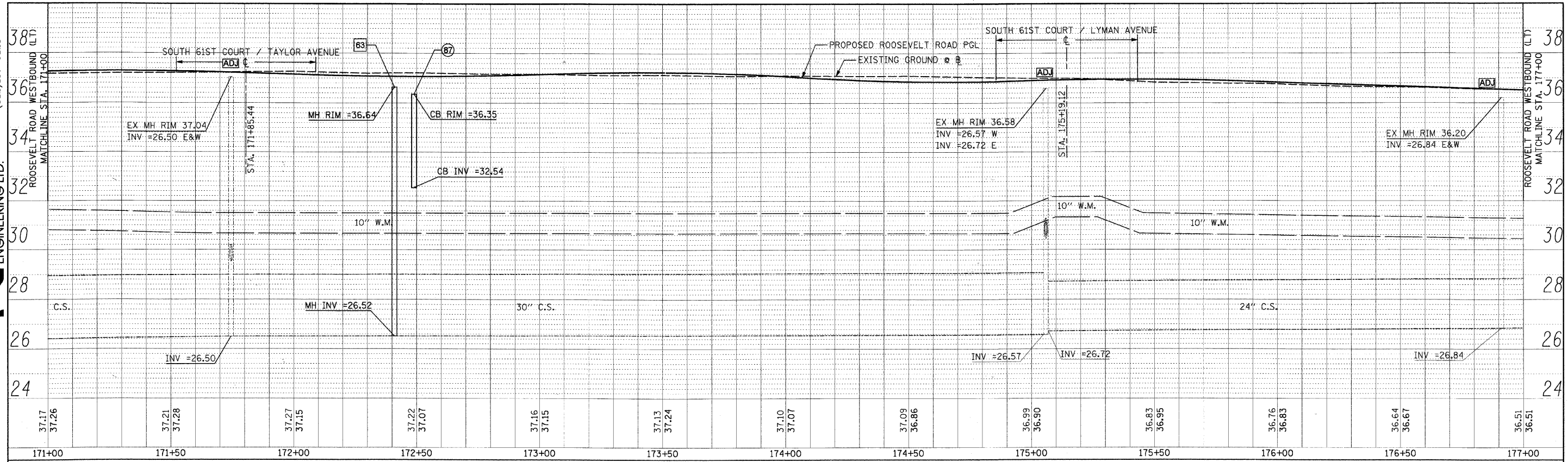


Roosevelt Road North Side Profile

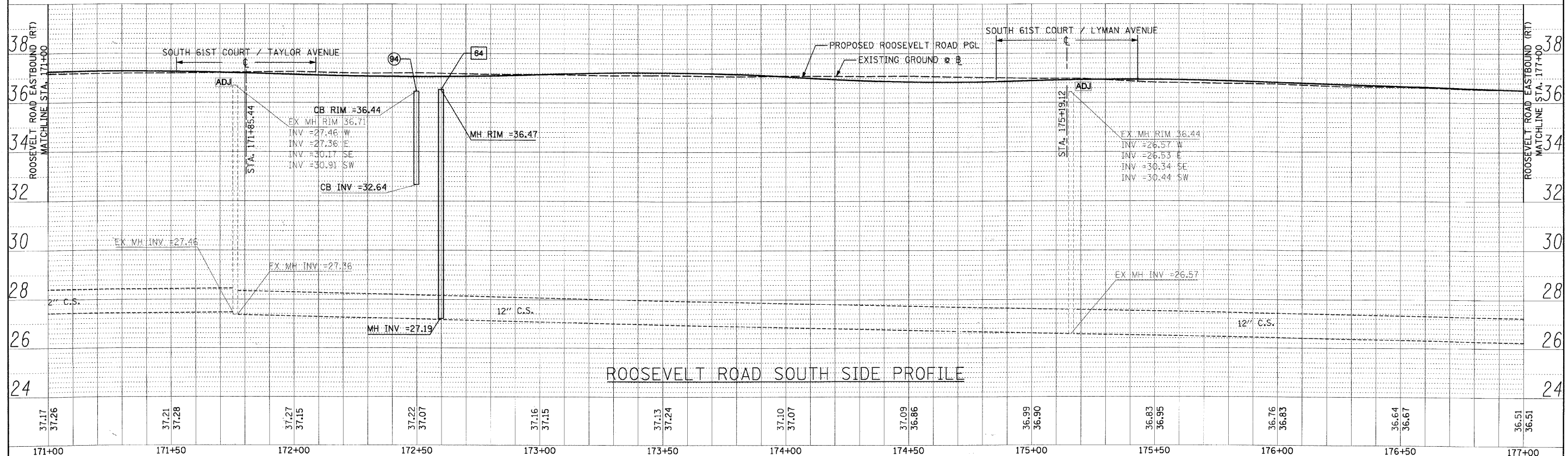


Roosevelt Road South Side Profile

|                                       |                  |               |                           |   |                         |                 |                        |                                  |                  |                        |             |                  |               |
|---------------------------------------|------------------|---------------|---------------------------|---|-------------------------|-----------------|------------------------|----------------------------------|------------------|------------------------|-------------|------------------|---------------|
| FILE NAME = DIRTE38-shr-drainpr13.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED -                 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | SCALE: 1" = 20' | SHEET NO. OF 30 SHEETS | STA. 166+00.00 TO STA. 171+00.00 | F.A.P. RITE. 347 | SECTION 09-00248-00-R5 | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 121 |
| PLOT SCALE = 20.0000' / IN.           | CHECKED - JB     | REVISED -     | CONTRACT NO. 63432        |   |                         |                 |                        |                                  |                  |                        |             |                  |               |
| PLOT DATE = 3/11/2010                 | DATE -           | REVISED -     | ILLINOIS FED. AID PROJECT |   |                         |                 |                        |                                  |                  |                        |             |                  |               |

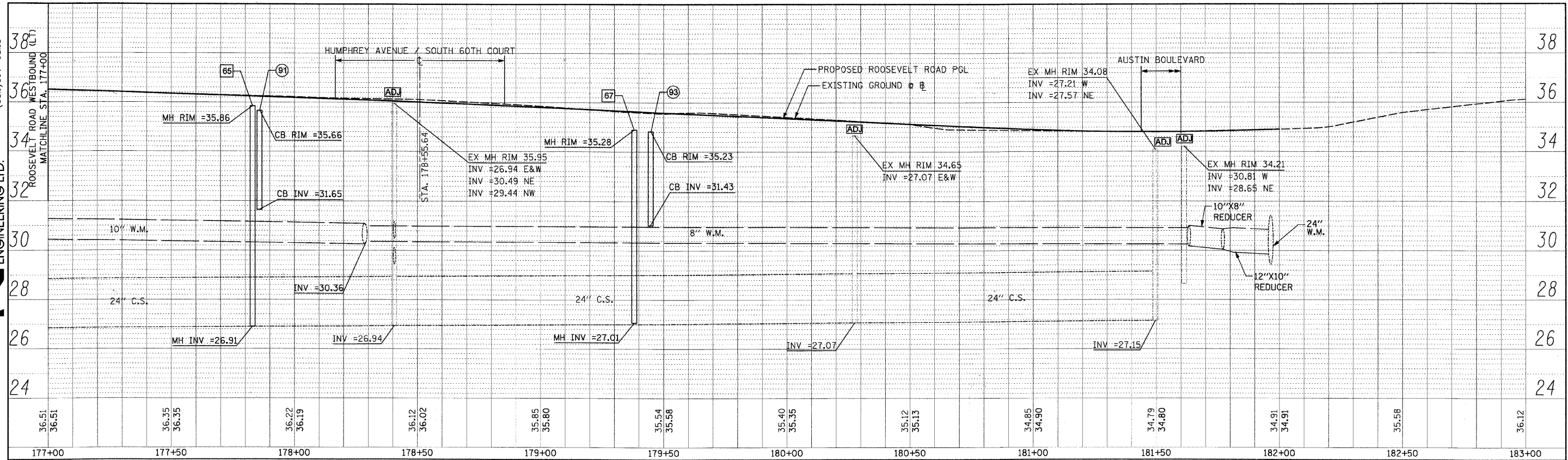


Roosevelt Road North Side Profile

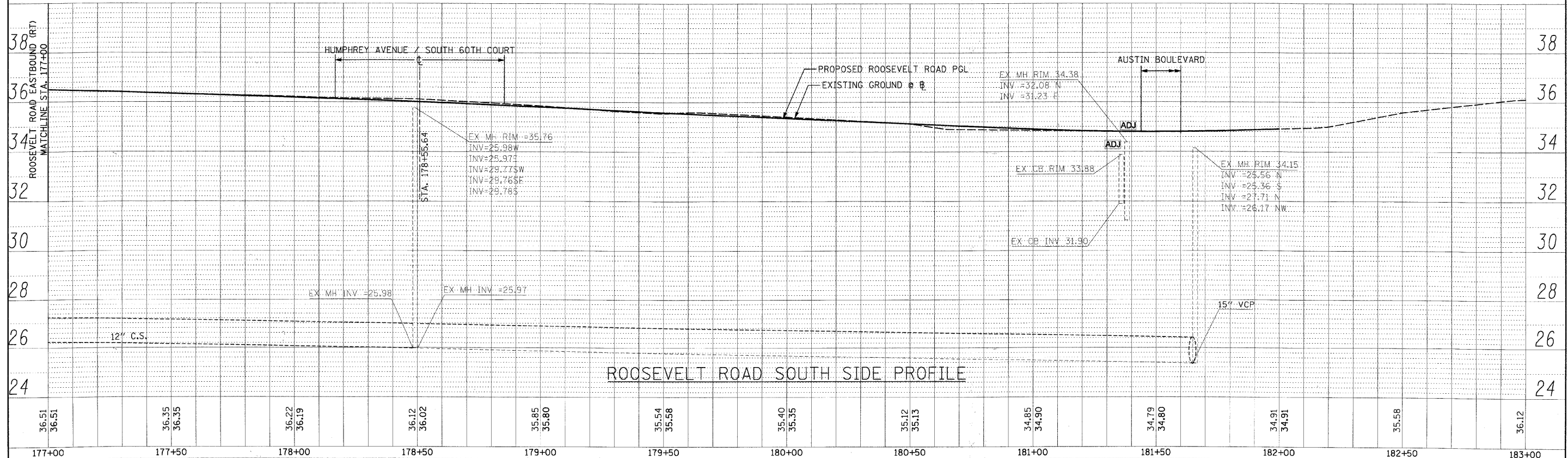


Roosevelt Road South Side Profile

|                                       |                  |               |                 |   |                         |                        |                                  |                    |                    |                           |  |
|---------------------------------------|------------------|---------------|-----------------|---|-------------------------|------------------------|----------------------------------|--------------------|--------------------|---------------------------|--|
| FILE NAME = DIRTE38-shd-drainpr14.dgn | USER NAME = IDOT | DESIGNED - DA | REVISED -       | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DRAINAGE PROFILE</b> | F.A.P. RTE. = 347      | SECTION = 09-00248-00-RS         | COUNTY = COOK      | TOTAL SHEETS = 274 | SHEET NO. = 122           |  |
| PLOT SCALE = 20,0000' / IN.           | CHECKED - JB     | REVISED -     | SCALE: 1" = 20' |   |                         | SHEET NO. OF 30 SHEETS | STA. 171+00.00 TO STA. 177+00.00 | CONTRACT NO. 63432 |                    | ILLINOIS FED. AID PROJECT |  |
| PLOT DATE = 3/11/2010                 | DATE -           | REVISED -     |                 |   |                         |                        |                                  |                    |                    |                           |  |
|                                       |                  |               |                 |   |                         |                        |                                  |                    |                    |                           |  |



Roosevelt Road North Side Profile



Roosevelt Road South Side Profile

FILE NAME =  
DIRTE38-sh-draunprf15.dgn

USER NAME = ID01  
PLOT SCALE = 28.0000' / IN.  
PLOT DATE = 3/11/2010

|               |           |
|---------------|-----------|
| DESIGNED - DA | REVISED - |
| DRAWN - CC    | REVISED - |
| CHECKED - JB  | REVISED - |
| DATE -        | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILE  
SCALE: 1" = 20'  
SHEET NO. OF 30 SHEETS STA. 177+00.00 TO STA. 181+61.4

|                    |                        |             |                  |                           |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 347    | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 123             |
| CONTRACT NO. 63432 |                        |             |                  | ILLINOIS FED. AID PROJECT |

**REMOVING CATCH BASINS 60500050 AND REMOVING MANHOLES 60500040**

| STATION   | OFFSET (FT) | LT/RT | EXISTING STRUCTURE | REMOVING CATCH BASINS 60500050 EACH | REMOVING MANHOLES 60500040 EACH | INLET FILTER 28000510 EACH | COMMENTS |
|-----------|-------------|-------|--------------------|-------------------------------------|---------------------------------|----------------------------|----------|
| 102+43.16 | 35.81       | LT    | CB                 | 1                                   |                                 | 1                          |          |
| 103+70.01 | 37.11       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 113+93.43 | 36.44       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 114+00.07 | 38.83       | RT    | MH                 |                                     | 1                               |                            |          |
| 114+00.07 | 44.78       | RT    | MH                 |                                     | 1                               |                            |          |
| 117+57.63 | 42.74       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 117+95.67 | 40.56       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 101+05.99 | 45.42       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 121+05.99 | 45.42       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 121+13.49 | 45.02       | RT    | MH                 |                                     | 1                               |                            |          |
| 124-69.50 | 45.43       | RT    | MH                 |                                     | 1                               |                            |          |
| 124+99.54 | 45.97       | RT    | MH                 |                                     | 1                               |                            |          |
| 134+93.23 | 43.93       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 135+31.20 | 43.47       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 138+26.36 | 45.30       | RT    | MH                 |                                     | 1                               |                            |          |
| 138+56.63 | 44.84       | RT    | MH                 |                                     | 1                               |                            |          |
| 156+97.08 | 23.35       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 161+49.97 | 23.14       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 162+07.68 | 23.34       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 164+97.69 | 45.35       | RT    | MH                 |                                     | 1                               |                            |          |
| 168+26.19 | 35.65       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 168+50.37 | 25.04       | RT    | MH                 |                                     | 1                               |                            |          |
| 174+57.04 | 24.79       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| 175+03.20 | 43.42       | RT    | CB                 | 1                                   |                                 | 1                          |          |
| TOTAL     |             |       |                    | 15                                  | 9                               | 14                         |          |

**FILLING EXISTING STRUCTURES X0323434**

| STATION   | OFFSET (FT) | LT/RT | EXISTING STRUCTURE | FILLING EXISTING STRUCTURES X0323434 EACH | COMMENTS |
|-----------|-------------|-------|--------------------|---|----------|
| 101+48.95 | 25.00       | RT    | MH                 | 1   |          |
| 101+54.30 | 28.55       | RT    | CB                 | 1   |          |
| 102+40.39 | 38.80       | LT    | CB                 | 1   |          |
| 102+05.44 | 44.69       | LT    | CB                 | 1   |          |
| 103+25.15 | 41.36       | RT    | CB                 | 1   |          |
| 106+81.71 | 43.01       | RT    | CB                 | 1   |          |
| 106+84.64 | 34.93       | RT    | MH                 | 1   |          |
| 107+20.61 | 43.68       | RT    | MH                 | 1   |          |
| 107+27.19 | 42.63       | RT    | CB                 | 1   |          |
| 114+00.07 | 38.83       | RT    | MH                 | 1   |          |
| 117+15.06 | 24.61       | LT    | CB                 | 1   |          |
| 117+50.03 | 41.41       | RT    | CB                 | 1   |          |
| 121+46.08 | 44.81       | RT    | MH                 | 1   |          |
| 121+51.63 | 44.71       | RT    | CB                 | 1   |          |
| 124+25.44 | 24.26       | LT    | CB                 | 1   |          |
| 124+61.77 | 46.05       | RT    | CB                 | 1   |          |
| 125+07.18 | 45.86       | RT    | CB                 | 1   |          |
| 131+06.16 | 24.22       | LT    | CB                 | 1   |          |
| 131+52.24 | 44.42       | RT    | CB                 | 1   |          |
| 131+59.78 | 44.22       | RT    | MH                 | 1   |          |
| 131+89.58 | 44.12       | RT    | MH                 | 1   |          |
| 131+96.69 | 43.91       | RT    | CB                 | 1   |          |
| 138+18.80 | 45.20       | RT    | CB                 | 1   |          |
| 138+64.03 | 44.69       | RT    | CB                 | 1   |          |
| 148+00.72 | 24.43       | LT    | CB                 | 1   |          |
| 151+49.92 | 24.74       | RT    | CB                 | 1   |          |
| 157+95.88 | 23.91       | LT    | CB                 | 1   |          |
| 161+29.04 | 23.66       | LT    | CB                 | 1   |          |
| 164+91.06 | 44.97       | RT    | CB                 | 1   |          |
| 165+34.68 | 44.81       | RT    | CB                 | 1   |          |
| 168+62.45 | 44.57       | RT    | CB                 | 1   |          |
| 175+29.38 | 42.95       | RT    | CB                 | 1   |          |
| 175+30.14 | 39.66       | LT    | CB                 | 1   |          |
| 178+06.01 | 25.59       | LT    | CB                 | 1   |          |
| 178+36.50 | 39.50       | RT    | CB                 | 1   |          |
| TOTAL     |             |       |                    | 35  |          |

**MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID 60218300**

| STRUCTURE NUMBER | LOCATION      | STATION   | OFFSET (FT) | LT/RT | RIM ELEVATION | LOWEST INVERT ELEVATION | ADDITIONAL INVERT ELEVATION | ADDITIONAL INVERT ELEVATION | MANHOLES TYPE A, 4' DIA. TYPE 1 FRAME CLOSED LID 60218400 EACH | MANHOLES TYPE A, 5' DIA. TYPE 1 FRAME CLOSED LID 60222100 EACH |
|------------------|---------------|-----------|-------------|-------|---------------|-------------------------|-----------------------------|-----------------------------|--|--|
| 01               | ROOSEVELT RD  | 102+37.65 | 13.00       | RT    | 40.22         | 35.83 SW&E              |                             |                             | 1  |  |
| 02               | ROOSEVELT RD  | 102+29.38 | 67.80       | LT    | 40.50         | 34.49 N,S&E             |                             |                             | 1  |  |
| 03               | ROOSEVELT RD  | 102+62.02 | 17.55       | LT    | 40.12         | 32.44 W&E               | 35.84 N                     |                             | 1  |  |
| 04               | ROOSEVELT RD  | 103+55.45 | 13.00       | RT    | 40.23         | 35.36 W&S               | 35.68 E                     |                             | 1  |  |
| 05               | ROOSEVELT RD  | 103+99.00 | 13.00       | RT    | 40.22         | 35.84 W                 | 35.88 SE                    |                             | 1  |  |
| 06               | ROOSEVELT RD  | 104+08.90 | 17.13       | LT    | 40.17         | 32.14 W&E               | 36.12 NW                    |                             | 1  |  |
| 07               | WISCONSIN     | 107+06.42 | 49.05       | RT    | 39.85         | 32.13 N&S               | 34.98 W                     | 35.78 E                     | 1  |  |
| 08               | ROOSEVELT RD  | 107+47.00 | 18.50       | RT    | 39.38         | 32.36 W&E               | 35.49 SE                    |                             | 1  |  |
| 09               | ROOSEVELT RD  | 107+55.00 | 18.50       | RT    | 39.36         | 32.69 W&E               | 35.33 SE                    |                             | 1  |  |
| 10               | ROOSEVELT RD  | 111+36.26 | 18.64       | RT    | 39.50         | 33.01 W&E               | 35.31 SE                    |                             | 1  |  |
| 11               | ROOSEVELT RD  | 111+52.39 | 16.76       | LT    | 39.44         | 30.43 W&E               | 35.31 NW                    |                             | 1  |  |
| 12               | ROOSEVELT RD  | 113+34.13 | 18.21       | RT    | 39.48         | 33.76 W&E               | 35.38 SE                    |                             | 1  |  |
| 13               | HOME AVE      | 114+16.99 | 68.40       | RT    | 39.95         | 34.63                   | 35.11 W                     | 34.64 E                     | 1  |  |
| 14               | ROOSEVELT RD  | 116+02.70 | 13.50       | RT    | 39.40         | 34.88 E                 | 35.05 W                     |                             | 1  |  |
| 15               | ROOSEVELT RD  | 116+85.57 | 16.24       | LT    | 39.17         | 29.23 W&E               | 34.96 S                     |                             | 1  |  |
| 16               | ROOSEVELT RD  | 116+87.87 | 13.50       | RT    | 39.24         | 34.56 W&E               | 34.93 S                     |                             | 1  |  |
| 17               | ROOSEVELT RD  | 117+57.73 | 13.50       | RT    | 39.42         | 34.28 W&S               | 34.30 E                     |                             | 1  |  |
| 18               | CLINTON AVE   | 117+70.35 | 57.45       | RT    | 39.20         | 33.33 N&S               | 34.55 W                     | 34.45 E                     | 1  |  |
| 18A              | CLINTON AVE   | 117+55.00 | 156.77      | RT    | 39.51         | 32.51 N&SE              |                             |                             | 1  |  |
| 19               | ROOSEVELT RD  | 118+58.00 | 13.50       | RT    | 39.15         | 34.70 W                 | 34.71 SE                    |                             | 1  |  |
| 19A              | ROOSEVELT RD  | 120+72.58 | 14.00       | RT    | 39.00         | 34.66 S&E               |                             |                             | 1  |  |
| 20               | ROOSEVELT RD  | 121+28.65 | 14.00       | RT    | 39.06         | 34.17 S                 | 34.66 W                     | 34.64                       | 1  |  |
| 21               | KENILWORTH    | 121+28.64 | 67.00       | RT    | 39.25         | 33.96 N&S               | 34.43 W                     | 34.33                       | 1  |  |
| 22               | ROOSEVELT RD  | 122+46.51 | 13.99       | RT    | 38.94         | 34.64 W&SE              |                             |                             | 1  |  |
| 23               | ROOSEVELT RD  | 124+22.89 | 14.00       | LT    | 38.68         | 27.32 W&E               | 34.32 N                     |                             | 1  |  |
| 25               | ROOSEVELT RD  | 124+84.60 | 64.00       | RT    | 38.80         | 33.68                   | 33.96 NW                    | 34.2                        | 1  |  |
| 27               | ROOSEVELT RD  | 129+67.11 | 13.30       | LT    | 38.81         | 27.38 W&E               | 34.39 N                     |                             | 1  |  |
| 28               | ROOSEVELT RD  | 130+18.80 | 15.83       | RT    | 38.77         | 31.13 E                 | 34.40 SW                    |                             | 1  |  |
| 29               | ROOSEVELT RD  | 131+80.02 | 8.00        | RT    | 38.77         | 33.87 E&S               |                             |                             | 1  |  |
| 30               | ROOSEVELT RD  | 131+80.00 | 16.00       | RT    | 38.44         | 30.50 W&S               | 33.80 N                     |                             | 1  |  |
| 31               | EUCLID AVE    | 131+80.00 | 61.00       | RT    | 38.69         | 30.33 S&N               |                             |                             | 1  |  |
| 32               | ROOSEVELT RD  | 132+35.53 | 8.00        | RT    | 38.85         | 34.09 W                 | 34.43 S                     |                             | 1  |  |
| 33               | ROOSEVELT RD  | 133+67.20 | 6.00        | RT    | 38.78         | 34.21 E                 | 34.29 SW                    |                             | 1  |  |
| 34               | ROOSEVELT RD  | 134+01.00 | 6.00        | RT    | 38.84         | 29.79 E                 | 34.08 W                     | 34.41 SW                    | 1  |  |
| 35               | ROOSEVELT RD  | 135+10.00 | 6.00        | RT    | 39.13         | 29.35 W&S               | 34.20 E                     |                             | 1  |  |
| 36               | WESLEY AVE    | 135+10.00 | 56.00       | RT    | 38.90         | 29.15 N&S               | 29.72 SW                    |                             | 1  |  |
| 37               | ROOSEVELT RD  | 135+70.00 | 6.00        | RT    | 38.99         | 34.47 W                 | 34.48 SE                    |                             | 1  |  |
| 38               | ROOSEVELT RD  | 137+09.62 | 14.88       | LT    | 38.88         | 29.75 W                 | 34.56 SE                    |                             | 1  |  |
| 39               | ROOSEVELT RD  | 138+38.23 | 23.50       | RT    | 39.10         | 33.20 NE                | 33.30 S                     | 34.12 W                     | 1  |  |
| 40               | CLARENCE AVE  | 138+39.00 | 61.50       | RT    | 39.10         | 33.97 N                 | 34.15 W                     | 34.31 E                     | 1  |  |
| 41               | ROOSEVELT RD  | 139+83.90 | 18.24       | RT    | 38.78         | 32.69 W&E               | 34.73 N                     |                             | 1  |  |
| 42               | ROOSEVELT RD  | 139+52.10 | 14.56       | LT    | 38.88         | 30.34 W&E               | 34.59 NE                    |                             | 1  |  |
| 43               | ROOSEVELT RD  | 144+33.70 | 14.92       | LT    | 38.97         | 28.37 W&E               | 34.75 NW                    |                             | 1  |  |
| 43A              | EUCLID AVE    | 131+85.08 | 168.04      | RT    | 38.78         | 29.93 SW&N              | 28.03 E                     |                             | 1  |  |
| 44               | ROOSEVELT RD  | 146-15.40 | 15.01       | RT    | 38.97         | 28.02 W&E               | 34.81 NW                    |                             | 1  |  |
| 45               | ROOSEVELT RD  | 146+09.96 | 21.45       | RT    | 38.87         | 31.11 W&E               | 34.89 SW                    |                             | 1  |  |
| 46               | ROOSEVELT RD  | 147+78.00 | 15.40       | LT    | 38.90         | 27.56 W&E               | 34.74 N                     |                             | 1  |  |
| 47               | ROOSEVELT RD  | 147+72.47 | 20.82       | RT    | 38.85         | 31.09 W&E               | 34.75 SE                    |                             | 1  |  |
| 48               | ROOSEVELT RD  | 150+81.83 | 20.78       | RT    | 37.93         | 30.48 W&E               | 33.79 SW                    |                             | 1  |  |
| 49               | ROOSEVELT RD  | 150+84.27 | 15.43       | LT    | 37.97         | 26.82 W&E               | 33.76 NW                    |                             | 1  |  |
| 50               | ROOSEVELT RD  | 152+60.95 | 20.57       | RT    | 37.57         | 30.60 W&E               | 33.53 SE                    |                             | 1  |  |
| 51               | ROOSEVELT RD  | 153+98.33 | 20.13       | RT    | 37.62         | 30.88 W&E               | 33.33 SE                    |                             | 1  |  |
| 52               | ROOSEVELT RD  | 156+20.15 | 15.52       | LT    | 37.72         | 25.10 W&E               | 33.37 NE                    |                             | 1  |  |
| 53               | ROOSEVELT RD  | 157+73.00 | 15.40       | LT    | 37.86         | 25.24 W&E               | 33.29 NE                    |                             | 1  |  |
| 54               | ROOSEVELT RD  | 161+78.50 | 23.50       | RT    | 37.10         | 31.80 S                 | 31.84 W                     | 32.17 E                     | 1  |  |
| 54A              | HIGHLAND AVE  | 161+78.50 | 58.00       | RT    | 36.95         | 29.05 S&N               | 31.52 N                     |                             |  | 1  |
| 55               | ROOSEVELT RD  | 162+08.00 | 15.50       | LT    | 37.2          | 25.71 W&E               | 33.96 NE                    |                             |  | 1  |
| 56               | ROOSEVELT RD  | 164+16.22 | 15.74       | LT    | 37.03         | 25.87 W&E               | 32.87 NE                    |                             |  | 1  |
| 56A              | HARVEY AVE    | 165+07.00 | 23.50       | RT    | 37.00         | 31.19 E&S               | 32.16 W                     |                             |  | 1  |
| 56B              | ROOSEVELT RD  | 166+43.76 | 13.98       | RT    | 36.71         | 32.5 W&SE               |                             |                             |  | 1  |
| 57               | HARVEY AVE    | 165+07.00 | 65.00       | RT    | 37.85         | 31.04 S&N               | 33.93 W                     | 32.51                       |  | 1  |
| 58               | ROOSEVELT RD  | 166+45.43 | 15.84       | LT    | 36.82         | 25.69 W&E               |                             |                             |  | 1  |
| 59               | ROOSEVELT RD  | 166+87.96 | 15.76       | LT    | 36.81         | 25.76 W&E               |                             |                             |  | 1  |
| 60               | LOMBARD AVE   | 168+51.90 | 59.29       | RT    | 36.30         | 31.74 N                 | 32.07 E&W                   |                             |  | 1  |
| 61               | LOMBARD AVE   | 168+51.20 | 36.29       | RT    | 36.63         | 29.18 NE                | 31.67 S                     | 32.28 W                     |  | 1  |
| 62               | ROOSEVELT RD  | 170+11.46 | 25.00       | RT    | 36.19         | 28.19 W&E               | 31.47 W                     |                             |  | 1  |
| 63               | ROOSEVELT RD  | 172-40.61 | 16.65       | LT    | 36.64         | 26.52 W&E               | 32.42 NE                    |                             |  | 1  |
| 64               | ROOSEVELT RD  | 172+60.00 | 23.60       | RT    | 36.47         | 27.17 E&W               | 32.64 W                     |                             |  | 1  |
| 65               | ROOSEVELT RD  | 177+83.00 | 16.20       | LT    | 35.86         | 26.91 W&E               | 31.56 N                     |                             |  | 1  |
| 66               | SOUTH 60TH CT | 178+49.46 | 59.90       | RT    | 35.43         | 29.64 W&E               | 31.19 NW                    |                             |  | 1  |
| 67               | ROOSEVELT RD  | 179+38.16 | 15.65       | LT    | 35.28         | 27.01 W&E               | 31.33 NE                    |                             |  | 1  |
| TOTAL            |               |           |             |       |               |                         |                             |                             | 61   | 9  |

FILE NAME = DIRTE38-shr-schedule01.dgn

USER NAME = IDOT  
PLOT SCALE = 22,0000' / IN.  
PLOT DATE = 3/23/2018

DESIGNED - DA  
DRAWN - CC  
CHECKED - JB  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: 1" = 20' SHEET NO. OF SHEETS STA. TO STA.

| F.A.P. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 347                | 09-00248-00-RS | COOK   | 274                       | 124       |
| CONTRACT NO. 63432 |                |        | ILLINOIS FED. AID PROJECT |           |





**CATCH BASINS, TYPE 1 FRAME, 4'-DIAMETER, OPEN LID 60200105**

| STRUCTURE NUMBER | LOCATIONS      | STATION   | OFFSET | LT/RT | RIM ELEVATION | INVERT | CATCH BASINS, TYPE 1 FRAME 4'-DIAMETER OPEN LID 60200105 EACH | COMMENTS |
|------------------|----------------|-----------|--------|-------|---------------|--------|---|----------|
| 01               | ROOSEVELT RD   | 102+29.93 | 22.74  | RT    | 39.98         | 35.93  | 1   |          |
| 02               | MAPLE AVE      | 102+42.29 | 67.80  | LT    | 39.81         | 36.01  | 1   |          |
| 03               | MAPLE AVE      | 103+26.16 | 55.14  | RT    | 39.53         | 35.70  | 1   |          |
| 04               | MAPLE AVE      | 103+70.16 | 64.33  | RT    | 39.73         | 35.90  | 1   |          |
| 05               | ROOSEVELT RD   | 102+60.00 | 26.10  | LT    | 40.00         | 35.92  | 1   |          |
| 06               | ROOSEVELT RD   | 104+12.86 | 23.50  | RT    | 39.92         | 35.98  | 1   |          |
| 07               | ROOSEVELT RD   | 104+01.62 | 23.50  | LT    | 40.01         | 36.21  | 1   |          |
| 08               | ROOSEVELT RD   | 107+49.36 | 14.44  | RT    | 39.38         | 32.36  | 1   |          |
| 09               | WISCONSIN AVE  | 106+82.00 | 54.81  | RT    | 39.06         | 35.23  | 1   |          |
| 10               | WISCONSIN AVE  | 107+26.00 | 54.81  | RT    | 38.98         | 35.98  | 1   |          |
| 11               | ROOSEVELT RD   | 107+57.00 | 23.50  | RT    | 39.35         | 35.55  | 1   |          |
| 12               | ROOSEVELT RD   | 109+51.20 | 23.50  | RT    | 39.20         | 35.40  | 1   |          |
| 13               | ROOSEVELT RD   | 111+45.00 | 23.50  | RT    | 39.28         | 35.41  | 1   |          |
| 14               | ROOSEVELT RD   | 111+45.00 | 23.50  | LT    | 39.23         | 35.41  | 1   |          |
| 15               | ROOSEVELT RD   | 113+40.00 | 23.50  | RT    | 39.33         | 35.46  | 1   |          |
| 16               | HOME AVE       | 113+94.29 | 68.29  | RT    | 39.16         | 35.33  | 1   |          |
| 17               | HOME AVE       | 114+38.29 | 68.29  | RT    | 39.18         | 34.85  | 1   |          |
| 18               | ROOSEVELT RD   | 115+92.03 | 23.63  | LT    | 39.27         | 35.18  | 1   |          |
| 19               | ROOSEVELT RD   | 115+93.90 | 23.50  | RT    | 39.29         | 35.18  | 1   |          |
| 20               | ROOSEVELT RD   | 116+85.00 | 23.50  | RT    | 38.98         | 35.03  | 1   |          |
| 21               | ROOSEVELT RD   | 116+83.86 | 23.50  | LT    | 38.98         | 35.03  | 1   |          |
| 22               | CLINTON AVE    | 117+50.74 | 54.33  | RT    | 38.44         | 34.61  | 1   |          |
| 23               | CLINTON AVE    | 117+94.74 | 64.33  | RT    | 38.64         | 34.81  | 1   |          |
| 24               | ROOSEVELT RD   | 118+74.17 | 13.50  | RT    | 38.93         | 34.70  | 1   |          |
| 25               | ROOSEVELT RD   | 120+69.59 | 23.50  | RT    | 38.82         | 34.76  | 1   |          |
| 26               | KENILWORTH AVE | 121+06.72 | 66.83  | RT    | 38.48         | 34.65  | 1   |          |
| 27               | KENILWORTH AVE | 121+50.72 | 62.13  | RT    | 38.38         | 34.55  | 1   |          |
| 28               | ROOSEVELT RD   | 122+48.46 | 23.50  | RT    | 38.73         | 34.71  | 1   |          |
| 29               | ROOSEVELT RD   | 124+20.65 | 23.50  | LT    | 38.27         | 34.41  | 1   |          |
| 30               | GROVE AVE      | 124+62.73 | 54.33  | RT    | 38.03         | 34.20  | 1   |          |
| 31               | GROVE AVE      | 125+06.73 | 64.33  | RT    | 38.25         | 34.42  | 1   |          |
| 32               | ROOSEVELT RD   | 122+94.39 | 23.53  | LT    | 38.59         | 34.73  | 1   |          |
| 33               | ROOSEVELT RD   | 126+45.00 | 23.50  | RT    | 38.64         | 34.58  | 1   |          |
| 34               | ROOSEVELT RD   | 126+45.00 | 23.61  | LT    | 38.44         | 34.58  | 1   |          |
| 35               | OAK PARK AVE   | 128+19.12 | 89.87  | RT    | 38.23         | 33.85  | 1   |          |
| 36               | OAK PARK AVE   | 128+63.57 | 83.92  | RT    | 38.20         | 34.35  | 1   |          |
| 37               | OAK PARK AVE   | 128+64.68 | 38.35  | LT    | 38.22         | 34.39  | 1   |          |
| 38               | ROOSEVELT RD   | 129+47.05 | 23.50  | RT    | 38.68         | 34.53  | 1   |          |
| 39               | ROOSEVELT RD   | 129+70.17 | 23.50  | LT    | 38.51         | 34.49  | 1   |          |
| 40               | ROOSEVELT RD   | 130+08.43 | 23.49  | RT    | 38.59         | 34.53  | 1   |          |
| 41               | ROOSEVELT RD   | 130+08.46 | 23.50  | LT    | 38.59         | 34.53  | 1   |          |
| 42               | EUCLID AVE     | 131+52.10 | 58.27  | RT    | 38.16         | 30.61  | 1   |          |
| 43               | EUCLID AVE     | 131+96.90 | 60.70  | RT    | 38.01         | 34.18  | 1   |          |
| 44               | ROOSEVELT RD   | 132+39.51 | 22.50  | RT    | 38.38         | 34.58  | 1   |          |
| 45               | ROOSEVELT RD   | 133+54.18 | 23.50  | RT    | 38.32         | 34.41  | 1   |          |
| 46               | ROOSEVELT RD   | 133+87.33 | 23.50  | RT    | 38.34         | 34.63  | 1   |          |
| 47               | WESLEY AVE     | 134+85.46 | 70.92  | RT    | 38.27         | 30.00  | 1   |          |
| 48               | ROOSEVELT RD   | 135+80.00 | 23.50  | RT    | 38.48         | 34.63  | 1   |          |
| 49               | ROOSEVELT RD   | 133+58.57 | 23.50  | LT    | 38.33         | 34.41  | 1   |          |
| 50               | ROOSEVELT RD   | 137+18.33 | 23.39  | LT    | 38.58         | 34.67  | 1   |          |
| 51               | ROOSEVELT RD   | 137+88.71 | 23.50  | RT    | 38.48         | 34.60  | 1   |          |
| 52               | CLARENCE AVE   | 138+19.21 | 54.85  | RT    | 38.19         | 34.36  | 1   |          |
| 53               | CLARENCE AVE   | 138+63.21 | 62.13  | RT    | 38.38         | 34.55  | 1   |          |
| 54               | ROOSEVELT RD   | 139+62.01 | 23.50  | LT    | 38.52         | 34.72  | 1   |          |
| 54A              | HIGHLAND AVE   | 161+78.50 | 59.00  | RT    | 36.95         | 29.70  | 1   |          |
| 55               | ROOSEVELT RD   | 139+82.40 | 23.50  | RT    | 38.58         | 34.78  | 1   |          |
| 58               | ROOSEVELT RD   | 144+25.00 | 23.50  | LT    | 38.67         | 34.87  | 1   |          |
| 59               | ROOSEVELT RD   | 146+05.00 | 23.50  | LT    | 38.69         | 34.94  | 1   |          |
| 60               | ROOSEVELT RD   | 146+05.00 | 23.50  | RT    | 38.78         | 34.94  | 1   |          |
| 61               | ROOSEVELT RD   | 147+79.25 | 23.50  | RT    | 38.77         | 34.82  | 1   |          |
| 62               | ROOSEVELT RD   | 147+76.12 | 23.50  | LT    | 38.68         | 34.82  | 1   |          |
| 63               | ROOSEVELT RD   | 150+76.97 | 23.46  | RT    | 37.87         | 33.87  | 1   |          |
| 63A              | ROOSEVELT RD   | 151+58.00 | 24.50  | RT    | 37.80         | 33.98  | 1   |          |
| 64               | ROOSEVELT RD   | 150+77.10 | 23.43  | LT    | 37.77         | 33.87  | 1   |          |
| 65               | ROOSEVELT RD   | 152+02.41 | 25.49  | RT    | 37.53         | 33.67  | 1   |          |
| 66               | ROOSEVELT RD   | 152+70.00 | 23.50  | RT    | 37.46         | 33.62  | 1   |          |
| 67               | ROOSEVELT RD   | 154+06.83 | 23.51  | RT    | 37.30         | 33.42  | 1   |          |
| 68               | ROOSEVELT RD   | 156+10.00 | 23.50  | RT    | 37.43         | 33.43  | 1   |          |
| 69               | ROOSEVELT RD   | 156+28.24 | 23.50  | LT    | 37.36         | 33.48  | 1   |          |
| 70               | ROOSEVELT RD   | 157+77.06 | 24.34  | LT    | 37.43         | 33.39  | 1   |          |

**CATCH BASINS, TYPE 1 FRAME, 4'-DIAMETER, OPEN LID 60200105**

| STRUCTURE NUMBER | LOCATIONS        | STATION   | OFFSET | LT/RT | RIM ELEVATION | INVERT | CATCH BASINS, TYPE 1 FRAME 4'-DIAMETER OPEN LID 60200105 EACH | COMMENTS |
|------------------|------------------|-----------|--------|-------|---------------|--------|---|----------|
| 71               | ROOSEVELT RD     | 160+33.46 | 23.50  | RT    | 37.01         | 33.21  | 1   |          |
| 72               | ROOSEVELT RD     | 160+33.46 | 23.50  | LT    | 37.05         | 33.25  | 1   |          |
| 73               | ROOSEVELT RD     | 162+17.79 | 23.50  | RT    | 36.83         | 33.03  | 1   |          |
| 74               | ROOSEVELT RD     | 162+16.06 | 23.48  | LT    | 36.89         | 33.07  | 1   |          |
| 75               | ROOSEVELT RD     | 164+25.00 | 23.50  | RT    | 36.76         | 32.96  | 1   |          |
| 76               | ROOSEVELT RD     | 164+25.00 | 23.50  | LT    | 36.79         | 32.99  | 1   |          |
| 77               | HARVEY AVE       | 164+90.36 | 65.73  | RT    | 36.73         | 32.97  | 1   |          |
| 78               | HARVEY AVE       | 165+35.16 | 65.73  | RT    | 36.59         | 32.79  | 1   |          |
| 79               | ROOSEVELT RD     | 166+43.71 | 23.50  | RT    | 36.55         | 32.59  | 1   |          |
| 80               | ROOSEVELT RD     | 166+72.28 | 23.50  | RT    | 36.62         | 32.80  | 1   |          |
| 81               | ROOSEVELT RD     | 166+47.47 | 23.50  | LT    | 36.64         | 32.68  | 1   |          |
| 82               | ROOSEVELT RD     | 166+95.81 | 23.50  | LT    | 36.73         | 32.84  | 1   |          |
| 83               | LOMBARD AVE      | 168+28.81 | 25.74  | RT    | 36.33         | 32.53  | 1   |          |
| 84               | LOMBARD AVE      | 168+27.00 | 67.54  | RT    | 36.22         | 32.34  | 1   |          |
| 85               | LOMBARD AVE      | 168+62.80 | 60.44  | RT    | 36.08         | 32.25  | 1   |          |
| 86               | ROOSEVELT RD     | 170+03.46 | 24.83  | LT    | 36.31         | 32.51  | 1   |          |
| 87               | ROOSEVELT RD     | 172+50.00 | 24.83  | LT    | 36.35         | 32.54  | 1   |          |
| 88               | LYMAN AVE        | 175+29.94 | 24.83  | LT    | 35.93         | 32.13  | 1   |          |
| 89               | SOUTH 61ST AVE   | 175+03.14 | 59.87  | RT    | 36.00         | 32.20  | 1   |          |
| 90               | SOUTH 61ST AVE   | 175+29.68 | 59.41  | RT    | 35.87         | 32.04  | 1   |          |
| 91               | ROOSEVELT RD     | 177+85.53 | 24.83  | LT    | 35.66         | 31.65  | 1   |          |
| 92               | SOUTH 60TH COURT | 178+38.05 | 47.71  | RT    | 35.18         | 31.38  | 1   |          |
| 93               | ROOSEVELT RD     | 179+44.96 | 23.77  | LT    | 35.23         | 31.43  | 1   |          |
| 94               | ROOSEVELT RD     | 172+51.51 | 24.83  | RT    | 36.44         | 32.64  | 1   |          |
| 95               | ROOSEVELT RD     | 170+03.46 | 24.83  | RT    | 36.25         | 32.37  | 1   |          |
| TOTAL            |                  |           |        |       |               |        | 95  |          |

\*\* OFFSET DISTANCE PROVIDED IS TO EDGE OF PAVEMENT.

**SANITARY SEWER PVC SDR 26, (WATER MAIN QUALITY PIPE), 8" X0326737**

| PIPE NUMBER | FROM STRUCTURE | UPSTREAM INVERT | TO STRUCTURE | SLOPE % | STORM SEWER PVC, SDR 26 (W.M.Q.), 8" X0326737 FOOT | PR SS CONNECTION TO EX MH X0322917 EACH | EARTH EXCAVATION 35200600 CU YD | TRENCH BACKFILL 20800150 CU YD |
|-------------|----------------|-----------------|--------------|---------|--|---|---------------------------------|--------------------------------|
| 1           | CB 1           | 35.93           | MH 1         | 1.00    | 10   |   | 7.59                            | 7.56                           |
| 2           | CB 2           | 36.01           | MH 2         | 1.00    | 13   |   | 9.87                            | 9.83                           |
| 3           | CB 3           | 35.70           | EX MH 19     | 1.00    | 22   | 1                                       | 16.70                           | 16.63                          |
| 4           | CB 4           | 35.90           | EX MH 19     | 1.00    | 23   | 1                                       | 17.46                           | 17.39                          |
| 5           | CB 5           | 35.92           | MH 3         | 1.00    | 8  |   | 6.07                            | 6.05                           |
| 6           | CB 6           | 35.98           | MH 5         | 1.00    | 24   |   | 18.22                           | 18.14                          |
| 7           | CB 7           | 36.21           | MH 6         | 1.00    | 9  |   | 6.83                            | 6.80                           |
| 8           | CB 8           | 34.88           | EX MH 39     | 1.00    | 100  | 1                                       | 75.91                           | 75.60                          |
| 9           | CB 9           | 35.23           | MH 7         | 1.00    | 25   |   | 18.98                           | 18.90                          |
| 10          | CB 10          | 35.98           | MH 7         | 1.00    | 20   |   | 15.18                           | 15.12                          |
| 11          | CB 11          | 35.55           | MH 8         | 1.00    | 6  |   | 4.55                            | 4.54                           |
| 12          | CB 12          | 35.40           | MH 9         | 1.00    | 7  |   | 5.31                            | 5.29                           |
| 13          | CB 13          | 35.41           | MH 10        | 1.00    | 10   |   | 7.59                            | 7.56                           |
| 14          | CB 14          | 35.41           | MH 11        | 1.00    | 10   |   | 7.59                            | 7.56                           |
| 15          | CB 15          | 35.46           | MH 12        | 1.00    | 8  |   | 6.07                            | 6.05                           |
| 16          | CB 16          | 35.33           | MH 13        | 1.00    | 22   |   | 16.70                           | 16.63                          |
| 17          | CB 17          | 34.85           | MH 13        | 1.00    | 21   |   | 15.94                           | 15.88                          |
| 18          | CB 18          | 35.18           | EX MH 80     | 1.00    | 7  | 1                                       | 5.31                            | 5.29                           |
| 19          | CB 19          | 35.18           | MH 14        | 1.00    | 13   |   | 9.87                            | 9.83                           |
| 20          | CB 20          | 35.03           | MH 16        | 1.00    | 10   |   | 7.59                            | 7.56                           |
| 21          | CB 21          | 35.03           | MH 15        | 1.00    | 7  |   | 5.31                            | 5.29                           |
| 22          | CB 22          | 34.61           | MH 18        | 1.00    | 6  |   | 5.10                            | 5.02                           |
| 23          | CB 23          | 34.81           | MH 18        | 1.00    | 36   |   | 24.90                           | 24.77                          |
| 24          | CB 24          | 34.90           | MH 19        | 1.00    | 19   |   | 14.42                           | 14.36                          |
| 25          | CB 25          | 34.76           | MH 19A       | 1.00    | 10   |   | 7.59                            | 7.56                           |
| 26          | CB 26          | 34.65           | MH 21        | 1.00    | 22   |   | 16.70                           | 16.63                          |
| 27          | CB 27          | 34.55           | MH 21        | 1.00    | 22   |   | 16.70                           | 16.63                          |
| 28          | CB 28          | 34.71           | MH 22        | 1.00    | 9  |   | 6.83                            | 6.80                           |
| 29          | CB 29          | 34.41           | MH 23        | 1.00    | 9  |   | 6.83                            | 6.80                           |
| 30          | CB 30          | 34.20           | MH 25        | 1.00    | 24   |   | 18.22                           | 18.14                          |
| 31          | CB 31          | 34.42           | MH 25        | 1.00    | 22   |   | 16.70                           | 16.63                          |
| 32          | CB 32          | 34.73           | EX MH 118    | 1.00    | 13   | 1                                       | 9.87                            | 9.83                           |
| 34          | CB 34          | 29.60           | EX MH 132    | 0.70    | 25   | 1                                       | 18.98                           | 18.90                          |
| 36          | CB 36          | 34.35           | CB 35        | 1.00    | 45   |   | 34.16                           | 34.02                          |
| 37          | CB 37          | 34.39           | EX MH 156    | 1.00    | 35   | 1                                       | 26.52                           | 26.45                          |
| 38          | CB 38          | 34.53           | EX MH 157    | 1.00    | 106  | 1                                       | 80.47                           | 80.14                          |
| 39          | CB 39          | 34.49           | MH 27        | 1.00    | 10   |   | 7.59                            | 7.56                           |
| 40          | CB 40          | 34.53           | MH 28        | 1.00    | 13   |   | 9.87                            | 9.83                           |
| 41          | CB 41          | 34.53           | EX MH 170    | 1.00    | 9  | 1                                       | 6.83                            | 6.80                           |
| 42          | CB 42          | 30.61           | MH 31        | 1.00    | 28   |   | 22.33                           | 22.25                          |
| 43          | CB 43          | 30.33           | MH 31        | 1.00    | 11   |   | 8.35                            | 8.32                           |
| 44          | CB 44          | 34.58           | MH 32        | 1.00    | 15   |   | 11.39                           | 11.34                          |
| 45          | CB 45          | 34.41           | MH 33        | 1.00    | 22   |   | 16.70                           | 16.63                          |
| 46          | CB 46          | 34.63           | MH 34        | 1.00    | 22   |   | 16.70                           | 16.63                          |
| 47          | CB 47          | 30.00           | MH 36        | 1.00    | 28   |   | 22.33                           | 22.25                          |
| 48          | CB 48          | 34.68           | MH 37        | 1.00    | 20   |   | 15.18                           | 15.12                          |
| 49          | CB 49          | 34.41           | EX MH 187    | 1.00    | 20   | 1                                       | 15.18                           | 15.12                          |
| 50          | CB 50          | 34.67           | MH 38        | 1.00    | 11   |   | 8.35                            | 8.32                           |
| 51          | CB 51          | 34.60           | MH 39        | 1.00    | 48   |   | 36.44                           | 36.29                          |
| 52          | CB 52          | 34.36           | MH 40        | 1.00    | 21   |   | 15.94                           | 15.88                          |
| 53          | CB 53          | 34.55           | MH 40        | 1.00    | 24   |   | 18.22                           | 18.14                          |
| 54          | CB 54          | 34.72           | MH 42        | 1.00    | 13   |   | 9.87                            | 9.83                           |
| 55          | CB 55          | 34.78           | MH 41        | 1.00    | 5  |   | 3.80                            | 3.78                           |
| 58          | CB 58          | 34.87           | MH 43        | 1.00    | 12   |   | 9.11                            | 9.07                           |
| 59          | CB 59          | 34.94           | MH 44        | 1.00    | 13   |   | 9.87                            | 9.83                           |
| 60          | CB 60          | 34.94           | MH 45        | 1.00    | 5  |   | 3.80                            | 3.78                           |
| 61          | CB 61          | 34.82           | MH 47        | 1.00    | 7  |   | 5.31                            | 5.29                           |
| 62          | CB 62          | 34.82           | MH 46        | 1.00    | 8  |   | 6.07                            | 6.05                           |
| 63          | CB 63          | 33.87           | MH 48        | 1.00    | 8  |   | 6.07                            | 6.05                           |
| 63A         | CB 63A         | 33.98           | EX MH 281    | 1.00    | 16   | 1                                       | 12.15                           | 12.10                          |
| 64          | CB 64          | 33.87           | MH 49        | 1.00    | 11   |   | 8.35                            | 8.32                           |
| 64A         | CB 64A         | 33.92           | EX MH 281    | 1.00    | 16   | 1                                       | 12.15                           | 12.10                          |
| 65          | CB 65          | 33.67           | EX MH 281    | 1.00    | 29   | 1                                       | 22.01                           | 21.92                          |
| 66          | CB 66          | 33.62           | MH 50        | 1.00    | 9  |   | 6.83                            | 6.80                           |
| 67          | CB 67          | 33.42           | MH 51        | 1.00    | 9  |   | 6.83                            | 6.80                           |
| 68          | CB 68          | 33.43           | EX MH 304    | 1.00    | 101  | 1                                       | 76.67                           | 76.36                          |
| 69          | CB 69          | 33.48           | MH 52        | 1.00    | 11   |   | 8.35                            | 8.32                           |
| 70          | CB 70          | 33.39           | MH 53        | 1.00    | 10   |   | 7.59                            | 7.56                           |
| 71          | CB 71          | 33.21           | MH 54        | 1.00    | 141  |   | 107.03                          | 106.60                         |
| 72          | CB 72          | 33.25           | EX MH 335    | 1.00    | 23   | 1                                       | 17.46                           | 17.39                          |

**SANITARY SEWER PVC SDR 26, (WATER MAIN QUALITY), 8" X0326737**

| PIPE NUMBER | FROM STRUCTURE | UPSTREAM INVERT | TO STRUCTURE | SLOPE % | STORM SEWER PVC, SDR 26 (W.M.Q.), 8" X0326737 FOOT | PR SS CONNECTION TO EX MH X0322917 EACH | EARTH EXCAVATION 35200600 CU YD | TRENCH BACKFILL 20800150 CU YD |
|-------------|----------------|-----------------|--------------|---------|--|---|---------------------------------|--------------------------------|
| 73          | CB 73          | 33.03           | MH 54        | 2.39    | 39   |   | 29.61                           | 29.48                          |
| 74          | CB 74          | 33.07           | MH 55        | 1.00    | 11   |   | 8.35                            | 8.32                           |
| 75          | CB 75          | 32.96           | MH 56A       | 1.00    | 83   |   | 63.00                           | 62.75                          |
| 76          | CB 76          | 32.99           | MH 56        | 1.00    | 12   |   | 9.11                            | 9.07                           |
| 77          | CB 77          | 32.97           | MH 57        | 1.00    | 16   |   | 12.15                           | 12.10                          |
| 78          | CB 78          | 32.79           | MH 57        | 1.00    | 28   |   | 21.26                           | 21.17                          |
| 79          | CB 79          | 32.51           | MH 56A       | 1.00    | 137  |   | 104.00                          | 103.57                         |
| 80          | CB 80          | 32.76           | CB 79        | 1.00    | 30   |   | 22.78                           | 22.68                          |
| 80A         | CB 79          | 32.59           | MH 56B       | 1.00    | 9  |   | 6.83                            | 6.80                           |
| 81          | CB 81          | 32.68           | MH 58        | 1.00    | 7  |   | 5.31                            | 5.29                           |
| 82          | CB 82          | 32.84           | MH 59        | 1.00    | 11   |   | 8.35                            | 8.32                           |
| 83          | CB 83          | 32.28           | MH 61        | 1.00    | 25   |   | 18.97                           | 18.90                          |
| 84          | CB 84          | 32.07           | MH 60        | 1.00    | 27   |   | 20.49                           | 20.41                          |
| 85          | CB 85          | 32.07           | MH 60        | 1.80    | 10   |   | 7.59                            | 7.56                           |
| 86          | CB 86          | 32.51           | EX MH 406    | 1.00    | 20   | 1                                       | 15.18                           | 15.12                          |
| 87          | CB 87          | 32.54           | MH 63        | 1.00    | 12   |   | 9.11                            | 9.07                           |
| 88          | CB 88          | 32.13           | EX MH 431    | 7.40    | 51   | 1                                       | 38.71                           | 38.56                          |
| 89          | CB 89          | 32.20           | EX MH 432    | 1.00    | 38   | 1                                       | 28.85                           | 28.73                          |
| 90          | CB 90          | 32.04           | EX MH 432    | 1.00    | 37   | 1                                       | 28.09                           | 27.97                          |
| 91          | CB 91          | 31.65           | MH 65        | 1.00    | 9  |   | 6.83                            | 6.80                           |
| 92          | CB 92          | 31.38           | MH 66        | 1.00    | 19   |   | 14.42                           | 14.36                          |
| 93          | CB 93          | 31.43           | MH 67        | 1.00    | 10   |   | 7.59                            | 7.56                           |
| 94          | CB 94          | 32.64           | MH 64        | 1.00    | 8  |   | 6.07                            | 6.05                           |
| 95          | CB 95          | 32.37           | MH 62        | 1.00    | 8  |   | 6.07                            | 6.05                           |
| TOTAL       |                |                 |              |         | 2184   | 19                                      | 1658.1                          | 1651.3                         |

**STORM SEWERS, TYPE 1, (WATER MAIN QUALITY) PIPE, 12" X0321905**

| PIPE NUMBER | FROM STRUCTURE | UPSTREAM INVERT | TO STRUCTURE | SLOPE % | STORM SEWER TYPE 1, (W.M.Q.) 12" X0321905 FOOT | PROPOSED SS CONNECTION TO EXISTING MH X0322917 EACH | EARTH EXCAVATION 35200600 CU YD | TRENCH BACKFILL 20800150 CU YD |
|-------------|----------------|-----------------|--------------|---------|--|---|---------------------------------|--------------------------------|
| 1           | MH 1           | 35.36           | MH 4         | 0.40    | 116  |   | 79.57                           | 73.31                          |
| 2           | MH 5           | 35.68           | MH 4         | 0.40    | 40   |   | 27.41                           | 25.28                          |
| 3           | MH 4           | 35.26           | EX MH 18     | 0.40    | 25   | 1   | 18.35                           | 17.40                          |
| 4           | MH 14          | 34.56           | MH 16        | 0.40    | 81   |   | 55.20                           | 51.19                          |
| 4A          | MH 13          | 34.23           | EX MH 69A    | 0.40    | 99   | 1   | 73.70                           | 68.90                          |
| 5           | MH 16          | 34.28           | MH 17        | 0.40    | 70   |   | 56.27                           | 53.44                          |
| 6           | MH 19          | 34.30           | MH 17        | 0.40    | 100  |   | 78.40                           | 74.82                          |
| 7           | MH 17          | 33.33           | MH 18        | 0.40    | 44   |   | 36.05                           | 34.85                          |
| 8           | MH 18          | 32.92           | MH 18A       | 0.40    | 102  |   | 79.57                           | 75.16                          |
| 8A          | MH18A          | 32.82           | EX MH 91A    | 0.40    | 24   | 1   | 15.52                           | 15.31                          |
| 9           | MH 19A         | 34.44           | MH 20        | 0.40    | 56   |   | 37.17                           | 21.45                          |
| 10          | MH 20          | 33.96           | MH 21        | 0.40    | 53   |   | 39.97                           | 36.89                          |
| 11          | MH 21          | 33.56           | EX MH 109A   | 0.40    | 101  | 1   | 82.15                           | 79.99                          |
| 12          | MH 22          | 34.17           | MH 20        | 0.40    | 118  |   | 80.33                           | 74.58                          |
| 14          | MH 25          | 33.27           | EX MH 122A   | 0.40    | 103  | 1   | 80.34                           | 78.28                          |
| 16          | MH 28          | 30.50           | MH 30        | 0.40    | 157  |   | 119.35                          | 114.19                         |
| 15          | CB 33          | 33.76           | EX MH 157    | 0.42    | 194  | 1   | 133.21                          | 122.61                         |
| 17          | MH 29          | 33.80           | MH 30        | 0.40    | 5  |   | 7.88                            | 7.69                           |
| 18          | MH 30          | 30.33           | MH 31        | 0.40    | 42   |   | 31.05                           | 29.23                          |
| 19          | MH 31          | 29.93           | MH 43A       | 0.40    | 99   |   | 77.94                           | 75.73                          |
| 19A         | MH 43A         | 28.99           | EX MH        | 0.40    | 11   | 1   | 15.76                           | 15.53                          |
| 20          | MH 32          | 33.87           | MH 29        | 0.40    | 56   |   | 44.01                           | 42.46                          |
| 21          | MH 33          | 34.08           | MH 34        | 0.40    | 34   |   | 23.50                           | 21.49                          |
| 22          | MH 34          | 29.79           | MH 35        | 0.40    | 109  |   | 168.35                          | 137.01                         |
| 23          | MH 35          | 29.15           | MH 36        | 0.40    | 50   |   | 72.33                           | 73.35                          |
| 24          | MH 36          | 28.70           | EX MH 191A   | 0.40    | 112  | 1   | 162.94                          | 164.30                         |
| 25          | MH 37          | 34.20           | MH 35        | 0.40    | 60   |   | 42                              | 39.84                          |
| 26          | MH 40          | 33.30           | MH 39        | 1.76    | 38   |   | 28.46                           | 26.45                          |
| 27          | MH 39          | 33.20           | EX MH 205    | 1.00    | 10   | 1   | 7.49                            | 7.48                           |
| 28          | MH 54          | 31.80           | MH 54A       | 0.80    | 35   |   | 24.03                           | 21.88                          |
| 28A         | MH 54A         | 31.01           | EX MH 480A   | 0.60    | 109  | 1   | 168.35                          | 137.01                         |
| 29          | MH 56A         | 30.04           | MH 57        | 0.40    | 51   |   | 51.46                           | 50.24                          |
| 30          | MH 57          | 30.73           | EX MH 366A   | 0.40    | 102  | 1   | 99.28                           | 97.21                          |
| 31          | MH 60          | 32.03           | MH 61        | 0.50    | 24   |   | 21.05                           | 19.24                          |
| 32          | MH 61          | 29.00           | EX MH 401A   | 0.50    | 36   | 1   | 35.20                           | 34.70                          |
| 35          | CB 35          | 35.85           | EX MH 457    | 1.00    | 68   | 1   | 51.62                           | 51.41                          |
| TOTAL       |                |                 |              |         | 2534   | 13  | 2225.2                          | 2069.9                         |

FILE NAME = DIRTE38-sht-schedu1e03.dgn  
USER NAME = IDOT  
PLOT SCALE = 20.0000' / IN.  
PLOT DATE = 3/23/2010

DESIGNED - DA  
DRAWN - CC  
CHECKED - JB  
DATE

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 347 SECTION 09-00248-00-RS COUNTY COOK TOTAL SHEETS 274 SHEET NO. 126 CONTRACT NO. 63432 ILLINOIS FED. AID PROJECT

**CATCH BASINS TO BE ADJUSTED 60250200**

| STATION   | LOCATIONS     | OFFSET | LT/RT | EXISTING STRUCTURE | EXISTING RIM ELEVATION | PROPOSED RIM ELEVATION | CATCH BASINS TO BE ADJUSTED 60250200 EACH | DRAINAGE STRUCTURES TO BE CLEANED Z0018500 EACH |
|-----------|---------------|--------|-------|--------------------|------------------------|------------------------|---|---|
| 100+25.93 | HARLEM AVE    | 49.80  | RT    | CB                 | 39.36                  | 39.50                  | 1   | 1   |
| 100+95.47 | ROOSEVELT RD  | 39.89  | LT    | CB                 | 40.03                  | 40.65                  | 1   | 1   |
| 101+94.89 | ROOSEVELT RD  | 37.54  | LT    | CB                 | 39.70                  | 40.34                  | 1   | 1   |
| 106+12.42 | ROOSEVELT RD  | 24.82  | LT    | CB                 | 39.10                  | 39.63                  | 1   | 1   |
| 106+37.98 | WISCONSIN AVE | 39.47  | LT    | CB                 | 38.76                  | 38.92                  | 1   | 1   |
| 106+68.34 | WISCONSIN AVE | 35.89  | LT    | CB                 | 38.81                  | 38.88                  | 1   | 1   |
| 107+51.56 | ROOSEVELT RD  | 24.59  | LT    | CB                 | 38.64                  | 39.29                  | 1   | 1   |
| 109+73.53 | ROOSEVELT RD  | 23.53  | LT    | CB                 | 38.70                  | 39.12                  | 1   | 1   |
| 110+26.00 | ROOSEVELT RD  | 23.50  | RT    | CB                 | 38.73                  | 39.42                  | 1   | 1   |
| 111+19.45 | ROOSEVELT RD  | 24.46  | LT    | CB                 | 38.65                  | 39.27                  | 1   | 1   |
| 113+40.08 | ROOSEVELT RD  | 24.55  | LT    | CB                 | 38.66                  | 39.33                  | 1   | 1   |
| 113+99.92 | HOME AVE      | 41.96  | LT    | CB                 | 38.70                  | 38.93                  | 1   | 1   |
| 114+02.33 | HOME AVE      | 38.12  | LT    | CB                 | 39.05                  | 38.93                  | 1   | 1   |
| 114+33.60 | HOME AVE      | 36.57  | LT    | CB                 | 38.76                  |                        | 1   | 1   |
| 114+57.02 | ROOSEVELT RD  | 24.44  | LT    | CB                 | 38.79                  | 39.41                  | 1   | 1   |
| 117+59.34 | CLINTON AVE   | 40.78  | LT    | CB                 | 38.36                  | 38.38                  | 1   | 1   |
| 117+87.27 | CLINTON AVE   | 41.29  | LT    | CB                 | 38.29                  | 38.60                  | 1   | 1   |
| 118+58.73 | ROOSEVELT RD  | 24.18  | LT    | CB                 | 38.12                  | 38.80                  | 1   | 1   |
| 120+63.72 | ROOSEVELT RD  | 24.10  | LT    | CB                 | 38.07                  | 38.82                  | 1   | 1   |
| 122+25.92 | ROOSEVELT RD  | 23.63  | LT    | CB                 | 38.02                  | 38.70                  | 1   | 1   |
| 125+72.50 | ROOSEVELT RD  | 23.26  | LT    | CB                 | 37.91                  | 38.76                  | 1   | 1   |
| 127+90.84 | ROOSEVELT RD  | 23.25  | LT    | CB                 | 37.86                  | 38.47                  | 1   | 1   |
| 128+18.89 | OAK PARK AVE  | 44.47  | RT    | CB                 | 37.63                  | 38.43                  | 1   | 1   |
| 128+63.32 | OAK PARK AVE  | 46.50  | RT    | CB                 | 37.62                  | 38.48                  | 1   | 1   |
| 128+99.97 | OAK PARK AVE  | 23.21  | LT    | CB                 | 37.83                  | 38.60                  | 1   | 1   |
| 132+06.69 | ROOSEVELT RD  | 24.14  | LT    | CB                 | 37.73                  | 38.35                  | 1   | 1   |
| 134+02.28 | ROOSEVELT RD  | 24.60  | LT    | CB                 | 38.01                  | 38.39                  | 1   | 1   |
| 135+31.20 | WESLEY AVE    | 43.47  | RT    | CB                 | 38.19                  | 38.17                  | 1   | 1   |
| 135+71.47 | ROOSEVELT RD  | 23.03  | LT    | CB                 | 37.91                  | 38.47                  | 1   | 1   |
| 137+94.58 | ROOSEVELT RD  | 23.82  | LT    | CB                 | 38.12                  | 38.48                  | 1   | 1   |
| 138+24.76 | CLARENCE AVE  | 32.60  | LT    | CB                 | 38.35                  | 38.33                  | 1   | 1   |
| 138+51.59 | CLARENCE AVE  | 39.33  | LT    | CB                 | 38.36                  | 38.39                  | 1   | 1   |
| 139+18.76 | ROOSEVELT RD  | 23.74  | LT    | CB                 | 38.11                  | 38.63                  | 1   | 1   |
| 141+03.15 | ROOSEVELT RD  | 25.20  | LT    | CB                 | 38.15                  | 38.64                  | 1   | 1   |
| 141+51.74 | EAST AVE      | 44.94  | RT    | CB                 | 37.94                  | 38.18                  | 1   | 1   |
| 141+59.23 | EAST AVE      | 45.06  | RT    | CB                 | 38.30                  | 38.85                  | 1   | 1   |
| 141+97.01 | EAST AVE      | 44.79  | RT    | CB                 | 37.20                  | 38.08                  | 1   | 1   |
| 142+21.74 | ROOSEVELT RD  | 24.20  | LT    | CB                 | 38.25                  | 38.60                  | 1   | 1   |
| 144+41.28 | ROOSEVELT RD  | 23.29  | RT    | CB                 | 38.38                  | 38.91                  | 1   | 1   |
| 144+45.36 | ROOSEVELT RD  | 23.06  | LT    | CB                 | 38.33                  | 38.63                  | 1   | 1   |
| 144+91.89 | SCOVILLE AVE  | 34.47  | LT    | CB                 | 38.24                  | 38.43                  | 1   | 1   |
| 145+19.90 | SCOVILLE AVE  | 31.47  | LT    | CB                 | 38.11                  | 38.96                  | 1   | 1   |
| 145+78.61 | ROOSEVELT RD  | 23.27  | LT    | CB                 | 38.24                  | 38.70                  | 1   | 1   |
| 148+07.94 | ROOSEVELT RD  | 23.76  | RT    | CB                 | 38.31                  | 39.32                  | 1   | 1   |
| 148+75.35 | ROOSEVELT RD  | 23.63  | RT    | CB                 | 37.98                  | 38.48                  | 1   | 1   |
| 150+05.07 | ROOSEVELT RD  | 23.20  | LT    | CB                 | 38.06                  | 37.99                  | 1   | 1   |
| 150+99.65 | ROOSEVELT RD  | 23.18  | LT    | CB                 | 37.77                  | 37.84                  | 1   | 1   |
| 151+63.77 | ELMWOOD AVE   | 37.38  | LT    | CB                 | 37.54                  | 37.52                  | 1   | 1   |
| 152+64.07 | ROOSEVELT RD  | 23.57  | LT    | CB                 | 37.23                  | 37.70                  | 1   | 1   |
| 154+66.39 | ROOSEVELT RD  | 23.53  | LT    | CB                 | 36.90                  | 37.28                  | 1   | 1   |
| 154+78.45 | RIDGELAND AVE | 32.60  | RT    | CB                 | 37.13                  | 37.21                  | 1   | 1   |
| 155+37.51 | RIDGELAND AVE | 37.76  | RT    | CB                 | 36.84                  | 37.04                  | 1   | 1   |
| 155+40.29 | ROOSEVELT RD  | 24.87  | LT    | CB                 | 36.96                  | 37.23                  | 1   | 1   |
| 155+94.44 | ROOSEVELT RD  | 23.39  | LT    | CB                 | 36.77                  | 37.53                  | 1   | 1   |
| 158+21.35 | CUYLER AVE    | 41.82  | RT    | CB                 | 37.02                  | 37.05                  | 1   | 1   |
| 158+28.65 | CUYLER AVE    | 36.34  | LT    | CB                 | 36.63                  | 36.78                  | 1   | 1   |
| 158+56.42 | CUYLER AVE    | 36.48  | LT    | CB                 | 36.38                  | 36.58                  | 1   | 1   |
| 158+65.08 | CUYLER AVE    | 44.59  | RT    | CB                 | 36.73                  | 36.81                  | 1   | 1   |
| 159+30.52 | ROOSEVELT RD  | 23.43  | LT    | CB                 | 36.59                  | 37.32                  | 1   | 1   |
| 162+00.04 | HIGHLAND AVE  | 49.22  | RT    | CB                 | 36.47                  | 37.61                  | 1   | 1   |
| 164+62.79 | ROOSEVELT RD  | 23.51  | LT    | CB                 | 36.28                  | 36.89                  | 1   | 1   |
| 164+98.39 | ROOSEVELT RD  | 35.88  | LT    | CB                 | 36.12                  | 36.48                  | 1   | 1   |
| 165+28.44 | HARVEY AVE    | 49.39  | LT    | CB                 | 35.95                  | 36.08                  | 1   | 1   |
| 167+98.96 | ROOSEVELT RD  | 23.68  | LT    | CB                 | 36.11                  | 36.46                  | 1   | 1   |
| 168+46.27 | ROOSEVELT RD  | 16.49  | RT    | CB                 | 36.72                  | 36.48                  | 1   | 1   |
| 169+06.61 | ROOSEVELT RD  | 24.54  | LT    | CB                 | 36.05                  | 36.58                  | 1   | 1   |
| 169+41.13 | ROOSEVELT RD  | 25.03  | RT    | CB                 | 35.76                  | 36.43                  | 1   | 1   |
| 170+90.60 | ROOSEVELT RD  | 24.95  | RT    | CB                 | 36.00                  | 36.08                  | 1   | 1   |
| 171+16.85 | ROOSEVELT RD  | 24.79  | LT    | CB                 | 36.06                  | 36.71                  | 1   | 1   |
| 171+66.99 | TAYLOR AVE    | 38.55  | LT    | CB                 | 35.94                  | 36.00                  | 1   | 1   |
| 171+94.96 | TAYLOR AVE    | 38.74  | LT    | CB                 | 35.97                  | 36.03                  | 1   | 1   |
| 173+00.96 | ROOSEVELT RD  | 24.66  | RT    | CB                 | 35.78                  | 36.67                  | 1   | 1   |

**CATCH BASINS TO BE ADJUSTED 60250200**

| STATION   | LOCATIONS     | OFFSET | LT/RT | EXISTING STRUCTURE | EXISTING RIM ELEVATION | PROPOSED RIM ELEVATION | CATCH BASINS TO BE ADJUSTED 60250200 EACH | DRAINAGE STRUCTURES TO BE CLEANED Z0018500 EACH |
|-----------|---------------|--------|-------|--------------------|------------------------|------------------------|---|---|
| 173+12.56 | ROOSEVELT RD  | 25.22  | LT    | CB                 | 35.87                  | 36.46                  | 1   | 1   |
| 174+75.43 | ROOSEVELT RD  | 24.88  | LT    | CB                 | 35.83                  | 36.21                  | 1   | 1   |
| 176+47.82 | ROOSEVELT RD  | 24.57  | RT    | CB                 | 35.30                  | 36.07                  | 1   | 1   |
| 176+78.28 | ROOSEVELT RD  | 25.45  | LT    | CB                 | 35.45                  | 36.00                  | 1   | 1   |
| 177+91.88 | ROOSEVELT RD  | 24.99  | RT    | CB                 | 35.09                  | 35.67                  | 1   | 1   |
| 178+36.69 | HUMPHREY AVE  | 41.81  | LT    | CB                 | 35.05                  | 35.21                  | 1   | 1   |
| 178+65.11 | HUMPHREY AVE  | 40.83  | LT    | CB                 | 35.12                  | 35.26                  | 1   | 1   |
| 178+67.33 | SOUTH 60TH CT | 40.94  | RT    | CB                 | 34.89                  | 35.05                  | 1   | 1   |
| 179+81.45 | ROOSEVELT RD  | 24.79  | RT    | CB                 | 34.21                  | 34.89                  | 1   | 1   |
| 180+09.90 | ROOSEVELT RD  | 24.90  | LT    | CB                 | 34.32                  | 34.75                  | 1   | 1   |
| 181+31.49 | ROOSEVELT RD  | 25.70  | LT    | CB                 | 33.20                  | 34.28                  | 1   | 1   |
| 181+35.88 | ROOSEVELT RD  | 24.92  | RT    | CB                 | 33.88                  | 34.12                  | 1   | 1   |
| TOTAL     |               |        |       |                    |                        |                        | 80  | 84  |

**STRUCTURES TO BE ADJUSTED XX002258 AND DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED 6500600**

| STRUCTURE NUMBER | STRUCTURE TYPE | STATION   | OFFSET |       | EXIST RIM ELEV | TYPE OF WORK TO BE COMPLETED | STRUCTURES TO BE ADJUSTED XX002258 * EACH | DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED 6500600 EACH |
|------------------|----------------|-----------|--------|-------|----------------|------------------------------|---|--|
|                  |                |           | FT     | LT/RT |                |                              |   |  |
| 1                | VV             | 100+23.02 | 37.34  | RT    |                | VV TO BE ADJUSTED            | 1   |  |
| 2                | MH             | 100+34.34 | 19.75  | LT    |                | MH TO BE ADJUSTED            | 1   |  |
| 3                | WV             | 100+44.21 | 38.94  | RT    |                | WV TO BE ADJUSTED            | 1   |  |
| 3A               | VV             | 100+37.49 | 24.06  | RT    |                | VV TO BE ADJUSTED            | 1   |  |
| 4                | MH             | 101+63.32 | 34.88  | LT    |                | MH TO BE ADJUSTED            | 1   |  |
| 5                | MH             | 101+93.20 | 23.10  | LT    |                | MH TO BE ADJUSTED            | 1   |  |
| 7                | MH             | 102+28.83 | 47.38  | LT    |                | MH TO BE ADJUSTED            | 1   |  |
| 8                | MH             | 102+29.28 | 17.64  | LT    |                | MH TO BE ADJUSTED            | 1   |  |
| 13               | BBW            | 102+40.61 | 66.70  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 14               | BBW            | 102+53.66 | 65.61  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 15               | BBW            | 102+72.57 | 21.46  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 16               | BBW            | 102+91.72 | 28.58  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 18               | MH             | 103+48.20 | 41.16  | RT    |                | MH TO BE ADJUSTED            | 1   |  |
| 19               | MH             | 103+48.20 | 55.15  | RT    |                | MH TO BE ADJUSTED            | 1   |  |
| 20               | MH             | 103+48.45 | 62.01  | RT    |                | MH TO BE ADJUSTED            | 1   |  |
| 22               | BBW            | 103+51.60 | 28.74  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 23               | MH             | 103+65.79 | 24.03  | LT    |                | MH TO BE ADJUSTED            | 1   |  |
| 25               | BBW            | 104+07.80 | 28.67  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 26               | MH             | 104+45.11 | 17.03  | LT    |                | MH TO BE ADJUSTED            | 1   |  |
| 27               | BBW            | 104+58.94 | 29.04  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 28               | BBW            | 104+76.63 | 27.25  | RT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 29               | BBW            | 104+79.28 | 28.48  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 30               | SAN MH         | 106+06.00 | 20.51  | LT    |                | SAN MH TO BE ADJUSTED        | 1   |  |
| 31               | BBW            | 106+32.89 | 32.52  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 32               | MH             | 106+54.74 | 16.66  | LT    |                | MH TO BE ADJUSTED            | 1   |  |
| 33               | BBW            | 106+68.19 | 22.52  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 36               | MH             | 106+84.64 | 34.93  | RT    |                | MH TO BE ADJUSTED            | 1   |  |
| 37               | MH             | 106+87.94 | 43.58  | RT    |                | MH TO BE ADJUSTED            | 1   |  |
| 38               | TEL MH         | 106+92.14 | 22.38  | RT    |                | TEL MH TO BE ADJUSTED        | 1   |  |
| 39               | MH             | 107+06.42 | 19.61  | RT    |                | MH TO BE ADJUSTED            | 1   |  |
| 40               | BBW            | 107+10.47 | 27.44  | LT    |                | BBW TO BE ADJUSTED           |   | 1  |
| 42               | MH             | 107-21.90 | 56.33  | RT    |                | MH TO BE ADJUSTED            | 1   |  |

FILE NAME = DIRTE38-shr-schedule24.dgn

USER NAME = IDOT

DESIGNED - DA

REVISED -

PLOT SCALE = 20,0000 "/ IN.

CHECKED - JB

REVISED -

PLOT DATE = 3/11/2018

DATE -

REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE SCHEDULE**

SCALE: NTS SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 347

SECTION 09-00248-00-RS

COUNTY COOK

TOTAL SHEETS 274 SHEET NO. 127

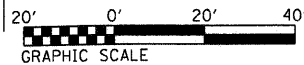
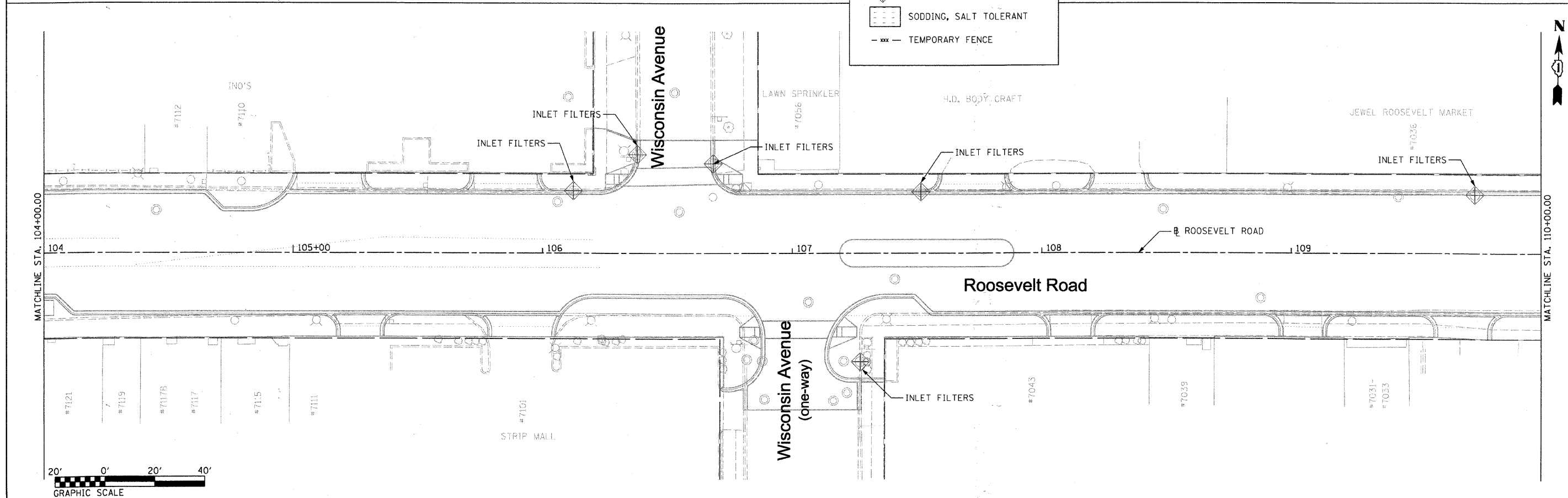
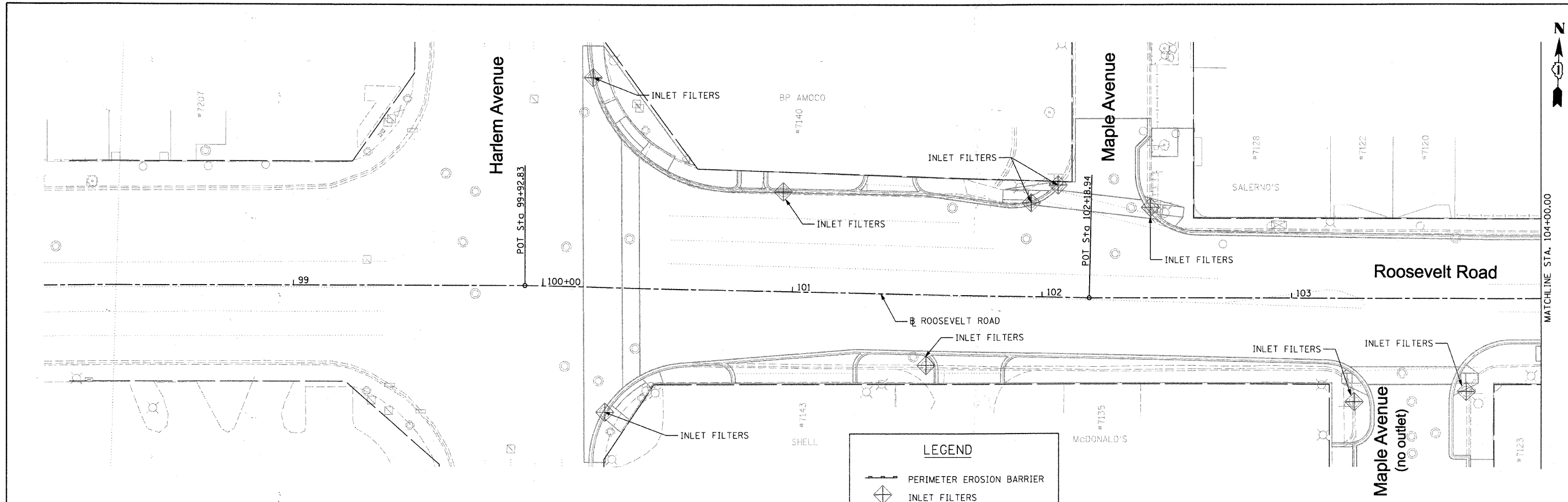
CONTRACT NO. 63432

ILLINOIS FED. AID PROJECT

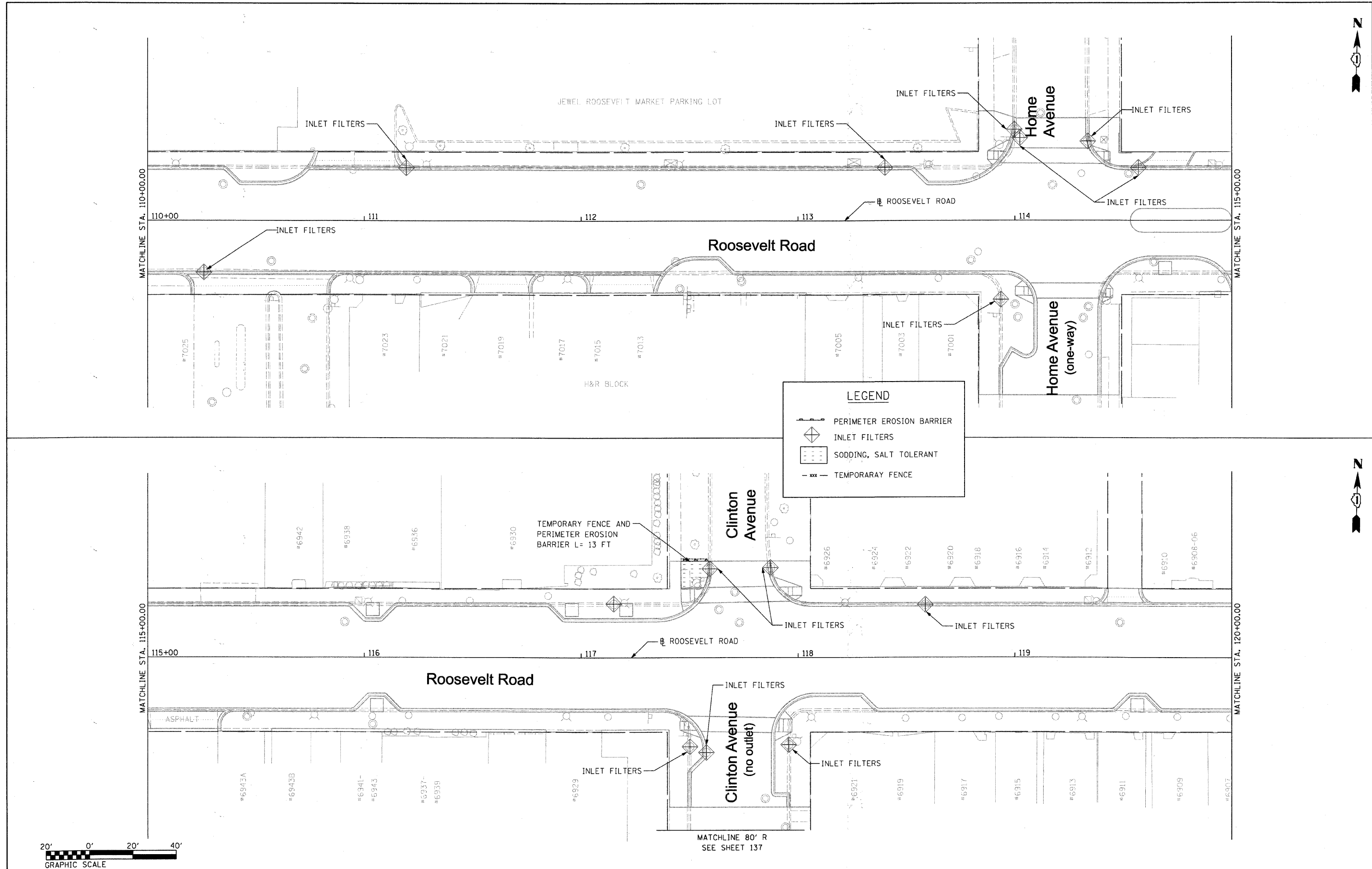
| XX002258 AND 56500600 |           |           |        |       |                |                              |                           |   |          | XX002258 AND 56500600 |           |        |       |                |                              |                           |   |          |           | XX002258 AND 56500600 |        |       |                |                              |                           |   |  |  |  |
|-----------------------|-----------|-----------|--------|-------|----------------|------------------------------|---------------------------|---|----------|-----------------------|-----------|--------|-------|----------------|------------------------------|---------------------------|---|----------|-----------|-----------------------|--------|-------|----------------|------------------------------|---------------------------|---|--|--|--|
| STR. NO.              | STR. TYPE | STATION   | OFFSET |       | EXIST RIM ELEV | TYPE OF WORK TO BE COMPLETED | BE ADJUSTED XX002258 EACH | SERVICE BOXES TO BE ADJUSTED 56500600, EACH | STR. NO. | STR. TYPE             | STATION   | OFFSET |       | EXIST RIM ELEV | TYPE OF WORK TO BE COMPLETED | BE ADJUSTED XX002258 EACH | SERVICE BOXES TO BE ADJUSTED 56500600, EACH | STR. NO. | STR. TYPE | STATION               | OFFSET |       | EXIST RIM ELEV | TYPE OF WORK TO BE COMPLETED | BE ADJUSTED XX002258 EACH | SERVICE BOXES TO BE ADJUSTED 56500600, EACH |  |  |  |
|                       |           |           | FT     | LT/RT |                |                              |                           |   |          |                       |           | FT     | LT/RT |                |                              |                           |   |          |           |                       | FT     | LT/RT |                |                              |                           |   |  |  |  |
| 43                    | VV        | 107+41.11 | 10.39  | RT    | 39.67          | VV TO BE ADJUSTED            | 1                         |   | 125      | MH                    | 124+95.29 | 60.14  | RT    | 38.52          | MH TO BE ADJUSTED            | 1                         |   | 220      | BBW       | 141+06.66             | 26.58  | LT    | 38.87          | BBW TO BE ADJUSTED           | 1                         |   |  |  |  |
| 44                    | BBW       | 108+05.75 | 26.86  | LT    | 39.51          | BBW TO BE ADJUSTED           |                           | 1   | 126      | MH                    | 124+99.54 | 45.97  | RT    | 38.41          | MH TO BE ADJUSTED            |                           |   | 222      | BBW       | 141+31.41             | 19.46  | LT    | 38.83          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 45                    | MH        | 108+48.64 | 17.49  | LT    | 39.74          | MH TO BE ADJUSTED            | 1                         |   | 127      | BBG                   | 125+07.18 | 49.43  | RT    | 38.12          | BBG TO BE ADJUSTED           |                           |   | 225      | MH        | 141+63.02             | 15.13  | LT    | 38.89          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 46                    | BBW       | 108+52.06 | 26.94  | RT    | 39.54          | BBW TO BE ADJUSTED           |                           | 1   | 128      | MH                    | 125+16.28 | 15.21  | LT    | 38.84          | MH TO BE ADJUSTED            |                           |   | 226      | MH        | 141+63.92             | 49.22  | LT    | 39.17          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 47                    | MH        | 108+87.72 | 17.98  | RT    | 39.39          | MH TO BE ADJUSTED            | 1                         |   | 129      | MH                    | 125+22.50 | 19.82  | RT    | 38.55          | MH TO BE ADJUSTED            |                           |   | 227      | MH        | 141+64.12             | 33.71  | RT    | 38.61          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 48                    | BBW       | 109+24.39 | 27.15  | RT    | 39.35          | BBW TO BE ADJUSTED           |                           | 1   | 131      | BBW                   | 126+07.56 | 26.40  | LT    | 38.67          | BBW TO BE ADJUSTED           |                           | 1   | 228      | MH        | 141+64.13             | 19.35  | LT    | 38.85          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 49                    | MH        | 109+42.91 | 22.73  | LT    | 38.89          | MH TO BE ADJUSTED            | 1                         |   | 132      | MH                    | 126+20.92 | 14.93  | LT    | 38.77          | MH TO BE ADJUSTED            |                           |   | 229      | MH        | 141+64.78             | 44.40  | RT    | 38.44          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 50                    | MH        | 110+34.93 | 16.72  | LT    | 39.75          | MH TO BE ADJUSTED            | 1                         |   | 133      | BBW                   | 126+43.89 | 27.72  | RT    | 38.69          | MH TO BE ADJUSTED            |                           | 1   | 230A     | SAN SEWER | 141+74.76             | 21.17  | RT    | 38.85          | SS TO BE ADJUSTED            | 1                         |   |  |  |  |
| 51                    | MH        | 110+57.17 | 18.77  | RT    | 39.62          | MH TO BE ADJUSTED            | 1                         |   | 135      | BBW                   | 126+62.32 | 27.17  | LT    | 38.64          | BBW TO BE ADJUSTED           |                           | 1   | 230      | MH        | 141+72.18             | 52.15  | LT    | 39.25          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 54                    | BBW       | 110+94.84 | 23.29  | LT    | 38.77          | BBW TO BE ADJUSTED           |                           | 1   | 136      | MH                    | 126+63.53 | 12.58  | LT    | 38.95          | MH TO BE ADJUSTED            |                           |   | 231      | BBW       | 141+82.61             | 21.88  | LT    | 38.90          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 55                    | BBW       | 111+24.35 | 27.33  | RT    | 39.47          | BBW TO BE ADJUSTED           |                           | 1   | 137      | BBW                   | 126+77.99 | 26.40  | LT    | 38.59          | BBW TO BE ADJUSTED           |                           | 1   | 232      | BBW       | 141+83.40             | 42.78  | LT    | 38.71          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 56                    | BBW       | 111+81.23 | 26.48  | RT    | 39.28          | BBW TO BE ADJUSTED           |                           | 1   | 138      | BBW                   | 126+96.85 | 28.00  | RT    | 38.68          | MH TO BE ADJUSTED            |                           | 1   | 233      | MH        | 141+89.23             | 44.82  | RT    | 38.42          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 57                    | MH        | 112+27.59 | 16.87  | LT    | 39.79          | MH TO BE ADJUSTED            | 1                         |   | 139      | BBW                   | 126+98.12 | 25.62  | LT    | 38.60          | MH TO BE ADJUSTED            |                           | 1   | 235      | MH        | 142+05.73             | 15.32  | LT    | 39.09          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 58                    | MH        | 112+43.58 | 18.86  | RT    | 39.37          | MH TO BE ADJUSTED            | 1                         |   | 140      | MH                    | 127+16.79 | 15.53  | LT    | 38.79          | MH TO BE ADJUSTED            |                           |   | 236      | VV        | 142+28.82             | 10.12  | RT    | 39.23          | VV TO BE ADJUSTED            | 1                         |   |  |  |  |
| 59                    | MH        | 112+45.48 | 31.51  | RT    | 39.81          | MH TO BE ADJUSTED            | 1                         |   | 141      | BBW                   | 127+18.33 | 26.23  | LT    | 38.59          | BBW TO BE ADJUSTED           |                           | 1   | 237      | BBW       | 142+50.92             | 26.95  | RT    | 38.87          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 60                    | BBW       | 112+73.44 | 26.59  | RT    | 39.46          | BBW TO BE ADJUSTED           |                           | 1   | 142      | BBW                   | 127+28.43 | 28.44  | RT    | 38.77          | BBW TO BE ADJUSTED           |                           | 1   | 238      | BBW       | 142+77.09             | 28.62  | RT    | 28.62          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 61                    | VV        | 112+73.98 | 28.10  | RT    | 39.53          | VV TO BE ADJUSTED            | 1                         |   | 143      | BBW                   | 127+52.37 | 25.65  | LT    | 38.45          | BBW TO BE ADJUSTED           |                           | 1   | 239      | BBW       | 143+01.49             | 26.44  | LT    | 39.07          | BBW TO BE ADJUSTED           | 1                         |   |  |  |  |
| 62                    | BBW       | 113+64.75 | 26.75  | RT    | 39.55          | BBW TO BE ADJUSTED           |                           | 1   | 144      | BBW                   | 127+63.26 | 28.16  | RT    | 38.77          | BBW TO BE ADJUSTED           |                           | 1   | 240      | BBW       | 143+03.22             | 26.80  | RT    | 38.91          | BBW TO BE ADJUSTED           | 1                         |   |  |  |  |
| 63                    | MH        | 113+79.78 | 18.37  | RT    | 39.43          | MH TO BE ADJUSTED            | 1                         |   | 145      | BBW                   | 127+70.71 | 27.18  | LT    | 38.59          | BBW TO BE ADJUSTED           |                           | 1   | 241      | BBW       | 143+30.77             | 27.97  | RT    | 38.94          | BBW TO BE ADJUSTED           | 1                         |   |  |  |  |
| 64                    | BBW       | 113+82.23 | 20.40  | LT    | 39.28          | BBW TO BE ADJUSTED           |                           | 1   | 146      | MH                    | 127+78.15 | 13.96  | LT    | 38.43          | MH TO BE ADJUSTED            |                           |   | 242      | MH        | 143+39.52             | 15.20  | LT    | 39.36          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 65                    | BBW       | 113+83.07 | 14.56  | RT    | 40.00          | BBW TO BE ADJUSTED           |                           | 1   | 148      | BBW                   | 127+95.02 | 26.89  | LT    | 38.51          | BBW TO BE ADJUSTED           |                           | 1   | 243      | BBW       | 143+40.47             | 26.34  | LT    | 39.04          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 68                    | MH        | 114+11.90 | 49.47  | LT    | 39.71          | MH TO BE ADJUSTED            | 1                         |   | 151      | VV                    | 128+17.55 | 19.20  | LT    | 38.74          | VV TO BE ADJUSTED            |                           | 1   | 244      | MH        | 143+42.12             | 20.13  | RT    | 38.81          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 69A                   | MH        | 114+16.99 | 166.88 | RT    | 39.96          | MH TO BE ADJUSTED            | 1                         |   | 152      | VV                    | 128+23.50 | 16.19  | LT    | 38.93          | VV TO BE ADJUSTED            |                           |   | 246      | BBW       | 144+16.77             | 27.79  | LT    | 38.90          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 69                    | MH        | 114+17.41 | 16.49  | LT    | 39.88          | MH TO BE ADJUSTED            | 1                         |   | 153      | MH                    | 128+27.25 | 50.64  | RT    | 38.69          | MH TO BE ADJUSTED            |                           |   | 247      | MH        | 144+32.41             | 21.48  | RT    | 38.69          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 70                    | BBW       | 114+30.71 | 21.74  | LT    | 39.38          | BBW TO BE ADJUSTED           |                           | 1   | 154      | VV                    | 128+31.10 | 35.07  | RT    | 38.87          | VV TO BE ADJUSTED            |                           | 1   | 248      | MH        | 144+67.67             | 14.63  | RT    | 39.25          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 71                    | VV        | 114+31.57 | 45.01  | RT    | 39.18          | VV TO BE ADJUSTED            | 1                         |   | 156      | MH                    | 128+40.15 | 12.28  | LT    | 39.12          | MH TO BE ADJUSTED            |                           |   | 248A     | SAN SEWER | 144+65.00             | 10.28  | RT    | 39.19          | SS TO BE ADJUSTED            |                           | 1   |  |  |  |
| 72                    | MH        | 114+33.97 | 39.85  | RT    | 39.10          | MH TO BE ADJUSTED            | 1                         |   | 157      | MH                    | 128+40.57 | 24.97  | RT    | 39.12          | MH TO BE ADJUSTED            |                           |   | 250      | MH        | 145+06.29             | 14.71  | LT    | 39.23          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 73                    | BBW       | 114+34.12 | 61.89  | RT    | 39.23          | BBW TO BE ADJUSTED           |                           | 1   | 158      | MH                    | 128+42.97 | 27.87  | LT    | 38.79          | MH TO BE ADJUSTED            |                           |   | 251      | MH        | 145+13.38             | 30.37  | LT    | 38.86          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 74                    | MWRD      | 114+52.56 | 21.79  | LT    | 39.27          | MH TO BE ADJUSTED            | 1                         |   | 159      | VV                    | 128+50.80 | 62.00  | RT    | 38.80          | MH TO BE ADJUSTED            |                           |   | 252      | VV        | 145+15.97             | 22.71  | LT    | 38.88          | VV TO BE ADJUSTED            | 1                         |   |  |  |  |
| 75                    | VV        | 114+64.07 | 19.15  | RT    | 39.19          | VV TO BE ADJUSTED            | 1                         |   | 160      | MH                    | 128+55.73 | 45.84  | LT    | 38.29          | VV TO BE ADJUSTED            |                           |   | 254      | BBW       | 145+99.76             | 26.07  | LT    | 38.96          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 77                    | BBW       | 114+95.12 | 27.41  | RT    | 39.61          | BBW TO BE ADJUSTED           |                           | 1   | 161      | VV                    | 128+61.11 | 19.47  | LT    | 38.77          | MH TO BE ADJUSTED            |                           |   | 256      | MH        | 146+66.71             | 31.32  | RT    | 39.08          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 78                    | VV        | 115+45.96 | 27.34  | RT    | 39.64          | VV TO BE ADJUSTED            | 1                         |   | 162      | MH                    | 128+65.72 | 26.14  | LT    | 38.42          | MH TO BE ADJUSTED            |                           |   | 257      | MH        | 146+67.73             | 21.41  | RT    | 38.95          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 79                    | BBW       | 115+47.76 | 25.75  | RT    | 39.40          | BBW TO BE ADJUSTED           |                           | 1   | 166      | MH                    | 128+91.66 | 19.48  | RT    | 38.34          | MH TO BE ADJUSTED            |                           |   | 258      | MH        | 146+73.79             | 15.21  | LT    | 39.16          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 80                    | MH        | 115+90.97 | 16.32  | LT    | 39.44          | MH TO BE ADJUSTED            | 1                         |   | 166A     | MH                    | 129+27.03 | 12.12  | LT    | 38.60          | MH TO BE ADJUSTED            |                           |   | 259      | BBW       | 146+82.20             | 27.72  | LT    | 39.10          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 82                    | BBW       | 116+03.72 | 27.08  | RT    | 39.56          | VV TO BE ADJUSTED            |                           | 1   | 167      | BBW                   | 129+39.32 | 27.45  | RT    | 38.39          | BBW TO BE ADJUSTED           |                           | 1   | 260      | BBW       | 146+87.44             | 26.67  | RT    | 38.90          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 83                    | VV        | 116+03.92 | 30.80  | RT    | 39.56          | MH TO BE ADJUSTED            | 1                         |   | 168      | BBW                   | 129+52.12 | 28.31  | RT    | 38.60          | BBW TO BE ADJUSTED           |                           |   | 262      | BBW       | 147+25.52             | 26.77  | LT    | 39.26          | BBW TO BE ADJUSTED           | 1                         |   |  |  |  |
| 84                    | BBW       | 116+17.53 | 25.97  | LT    | 39.35          | BBW TO BE ADJUSTED           |                           | 1   | 169      | BBW                   | 129+92.08 | 28.32  | RT    | 38.77          | BBW TO BE ADJUSTED           |                           | 1   | 263      | BBW       | 147+50.19             | 27.56  | LT    | 39.11          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 85                    | BBW       | 116+20.45 | 26.68  | RT    | 39.37          | BBW TO BE ADJUSTED           |                           | 1   | 170      | MH                    | 130+06.68 | 14.46  | LT    | 38.55          | MH TO BE ADJUSTED            |                           |   | 264      | BBW       | 147+96.02             | 26.86  | RT    | 38.92          | BBW TO BE ADJUSTED           |                           | 1   |  |  |  |
| 86                    | BBW       | 116+48.69 | 26.07  | LT    | 39.16          | BBW TO BE ADJUSTED           |                           | 1   | 171      | BBW                   | 130+07.95 | 26.69  | RT    | 38.98          | BBW TO BE ADJUSTED           |                           | 1   | 265      | VV        | 147+96.98             | 19.96  | LT    | 38.64          | VV TO BE ADJUSTED            | 1                         |   |  |  |  |
| 87                    | BBW       | 116+84.80 | 28.32  | LT    | 39.22          | BBW TO BE ADJUSTED           |                           | 1   | 172      | MH                    | 130+27.64 | 27.34  | RT    | 38.82          | MH TO BE ADJUSTED            |                           |   | 266      | VV        | 148+29.84             | 26.27  | RT    | 38.77          | VV TO BE ADJUSTED            | 1                         |   |  |  |  |
| 88                    | BBW       | 117+12.36 | 27.13  | RT    | 39.03          | BBW TO BE ADJUSTED           |                           | 1   | 173      | BBW                   | 130+32.70 | 27.49  | RT    | 38.93          | BBW TO BE ADJUSTED           |                           | 1   | 267      | MH        | 148+39.33             | 20.95  | RT    | 38.62          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 89                    | VV        | 117+63.14 | 22.14  | LT    | 38.92          | VV TO BE ADJUSTED            | 1                         |   | 175      | MH                    | 130+81.41 | 30.61  | LT    | 38.59          | MH TO BE ADJUSTED            |                           |   | 268      | MH        | 148+40.20             | 27.75  | RT    | 38.76          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 90                    | MH        | 117+70.87 | 30.21  | LT    | 38.88          | MH TO BE ADJUSTED            | 1                         |   | 176      | BBW                   | 130+86.02 | 28.78  | RT    | 38.83          | BBW TO BE ADJUSTED           |                           | 1   | 269      | MH        | 148+40.40             | 15.53  | LT    | 38.98          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 91                    | MH        | 117+72.91 | 16.17  | LT    | 39.30          | MH TO BE ADJUSTED            | 1                         |   | 177      | BBW                   | 131+4.82  | 27.85  | RT    | 38.32          | BBW TO BE ADJUSTED           |                           | 1   | 270      | VV        | 148+49.30             | 22.26  | LT    | 38.59          | VV TO BE ADJUSTED            | 1                         |   |  |  |  |
| 91A                   | MH        | 117+76.46 | 167.31 | RT    | 39.01          | MH TO BE ADJUSTED            | 1                         |   | 178      | MH                    | 131+58.17 | 15.24  | LT    | 38.69          | MH TO BE ADJUSTED            |                           |   | 271      | VV        | 149+83.85             | 30.85  | RT    | 38.50          | VV TO BE ADJUSTED            | 1                         |   |  |  |  |
| 92                    | MH        | 117+84.93 | 65.27  | RT    | 38.89          | MH TO BE ADJUSTED            | 1                         |   | 179A     | MH                    | 131+73.63 | 172.33 | RT    | 38.90          | MH TO BE ADJUSTED            |                           |   | 272      | VV        | 149+90.72             | 15.14  | RT    | 38.58          | VV TO BE ADJUSTED            | 1                         |   |  |  |  |
| 93                    | BBW       | 118+49.58 | 28.12  | RT    | 39.28          | BBW TO BE ADJUSTED           |                           | 1   | 180      | VV                    | 131+85.55 | 57.61  | RT    | 38.43          | VV TO BE ADJUSTED            |                           |   | 274      | MH        | 150+07.21             | 15.62  | LT    | 38.35          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 94                    | BBW       | 118+75.66 | 27.96  | RT    | 39.14          | BBW TO BE ADJUSTED           |                           | 1   | 181      | BBW                   | 131+87.28 | 21.64  | LT    | 38.41          | BBW TO BE ADJUSTED           |                           | 1   | 275      | MH        | 150+14.91             | 20.71  | RT    | 38.24          | MH TO BE ADJUSTED            | 1                         |   |  |  |  |
| 95                    | BBW       | 118+92.64 | 27.27  | RT    | 39.10          | BBW TO BE ADJUSTED           |                           | 1   | 183      | BBW                   | 132+21.43 | 27.29  | RT    | 38.40          | BBW TO BE ADJUSTED           |                           | 1   | 277      | VV        | 151+11.99             | 21.88  | LT    | 37.76          | VV TO BE ADJUSTED            | 1                         |   |  |  |  |
| 96                    | BBW       | 119+18.85 | 27.56  | RT    | 39.11          | BBW TO BE ADJUSTED           |                           | 1   | 184      | MH                    | 132+25.08 | 26.95  | RT    | 38.37          | MH TO BE ADJUSTED            |                           |   | 278      | VV        | 151+63.52             | 28.01  | RT    | 37.90          | VV TO BE ADJUSTED            | 1                         |   |  |  |  |
| 98                    | MH        | 119+48.51 | 16.04  | LT    | 39.09          | MH TO BE ADJUSTED            | 1                         |   | 185      | BBW                   | 132+71.28 | 28.16  | RT    | 38.47          | BBW TO BE ADJUSTED           |                           | 1   | 279      |           |                       |        |       |                |                              |                           |   |  |  |  |

| XX002258 AND 56500600 |           |           |        |       |                 |                              | STRUCTURES TO DOMESTIC WATER |   |
|-----------------------|-----------|-----------|--------|-------|-----------------|------------------------------|------------------------------|---|
| STR. NO.              | STR. TYPE | STATION   | OFFSET |       | EXIST TRIM ELEV | TYPE OF WORK TO BE COMPLETED | BE ADJUSTED XX002258 EACH    | SERVICE BOXES TO BE ADJUSTED 56500600, EACH |
|                       |           |           | FT     | LT/RT |                 |                              |                              |   |
| 312                   | BBW       | 156+53.81 | 26.95  | LT    | 37.67           | BBW TO BE ADJUSTED           |                              | 1   |
| 313                   | BBW       | 156+55.27 | 27.04  | LT    | 37.70           | BBW TO BE ADJUSTED           |                              | 1   |
| 314                   | MH        | 156+67.91 | 15.22  | LT    | 37.61           | MH TO BE ADJUSTED            |                              | 1   |
| 315                   | WV        | 156+89.86 | 26.80  | RT    | 37.57           | WV TO BE ADJUSTED            |                              | 1   |
| 316                   | WV        | 156+93.77 | 26.31  | RT    | 37.56           | WV TO BE ADJUSTED            |                              | 1   |
| 317                   | BBW       | 157+04.72 | 26.35  | LT    | 37.56           | BBW TO BE ADJUSTED           |                              | 1   |
| 319                   | WVV       | 157+66.31 | 18.77  | RT    | 37.82           | WVV TO BE ADJUSTED           |                              | 1   |
| 320                   | BBW       | 157+87.83 | 25.91  | LT    | 37.59           | BBW TO BE ADJUSTED           |                              | 1   |
| 321                   | MH        | 158+28.21 | 44.22  | RT    | 37.24           | MH TO BE ADJUSTED            |                              | 1   |
| 322                   | MH        | 158+33.14 | 34.64  | RT    | 37.57           | MH TO BE ADJUSTED            |                              | 1   |
| 323                   | MH        | 158+34.75 | 15.41  | LT    | 37.49           | MH TO BE ADJUSTED            |                              | 1   |
| 324                   | WV        | 158+49.78 | 22.54  | LT    | 37.36           | WV TO BE ADJUSTED            |                              | 1   |
| 325                   | MH        | 158+58.36 | 44.24  | RT    | 37.12           | MH TO BE ADJUSTED            |                              | 1   |
| 326                   | GV        | 158+60.82 | 34.51  | LT    | 37.13           | GV TO BE ADJUSTED            |                              | 1   |
| 327                   | MH        | 158+61.89 | 62.2   | RT    | 37.03           | MH TO BE ADJUSTED            |                              | 1   |
| 330                   | BBW       | 159+33.12 | 26.85  | LT    | 37.28           | BBW TO BE ADJUSTED           |                              | 1   |
| 331                   | BBW       | 159+45.48 | 27.63  | RT    | 34.76           | BBW TO BE ADJUSTED           |                              | 1   |
| 332                   | BBW       | 159+72.79 | 27.52  | LT    | 37.31           | BBW TO BE ADJUSTED           |                              | 1   |
| 333                   | BBW       | 160+08.00 | 25.51  | RT    | 37.28           | BBW TO BE ADJUSTED           |                              | 1   |
| 334                   | IW        | 160+08.16 | 27.32  | RT    | 37.28           | IW TO BE ADJUSTED            |                              | 1   |
| 335                   | MH        | 160+11.44 | 15.18  | LT    | 37.49           | MH TO BE ADJUSTED            |                              | 1   |
| 336                   | GV        | 160+21.94 | 27.84  | RT    | 37.26           | GV TO BE ADJUSTED            |                              | 1   |
| 337                   | BBW       | 160+22.48 | 28.33  | RT    | 37.30           | BBW TO BE ADJUSTED           |                              | 1   |
| 338                   | BBW       | 160+26.14 | 30.17  | RT    | 45.95           | BBW TO BE ADJUSTED           |                              | 1   |
| 339                   | BBW       | 160+53.69 | 26.34  | RT    | 37.23           | BBW TO BE ADJUSTED           |                              | 1   |
| 340                   | BBW       | 160+76.64 | 28.46  | RT    | 37.17           | BBW TO BE ADJUSTED           |                              | 1   |
| 341                   | BBW       | 161+01.64 | 28.96  | RT    | 37.17           | BBW TO BE ADJUSTED           |                              | 1   |
| 342                   | BBW       | 161+30.64 | 25.56  | RT    | 37.13           | BBW TO BE ADJUSTED           |                              | 1   |
| 343                   | MH        | 161+51.77 | 10.54  | RT    | 37.24           | MH TO BE ADJUSTED            |                              | 1   |
| 344                   | MH        | 161+66.99 | 34.52  | RT    | 37.54           | MH TO BE ADJUSTED            |                              | 1   |
| 345                   | MH        | 161+70.15 | 15.57  | LT    | 37.34           | MH TO BE ADJUSTED            |                              | 1   |
| 346                   | WVV       | 161+86.69 | 22.46  | LT    | 37.12           | WVV TO BE ADJUSTED           |                              | 1   |
| 347                   | VV        | 161+92.62 | 58.80  | RT    | 36.63           | VV TO BE ADJUSTED            |                              | 1   |
| 348                   | MH        | 161+92.81 | 43.99  | RT    | 36.79           | MH TO BE ADJUSTED            |                              | 1   |
| 349                   | MH        | 161+96.00 | 56.34  | RT    | 36.57           | MH TO BE ADJUSTED            |                              | 1   |
| 351                   | WVV       | 162+14.78 | 19.97  | LT    | 36.88           | WVV TO BE ADJUSTED           |                              | 1   |
| 352                   | BBW       | 162+52.34 | 27.58  | RT    | 37.04           | BBW TO BE ADJUSTED           |                              | 1   |
| 353                   | BBW       | 162+63.92 | 28.32  | RT    | 37.17           | BBW TO BE ADJUSTED           |                              | 1   |
| 354                   | BBW       | 162+82.67 | 27.32  | RT    | 37.07           | BBW TO BE ADJUSTED           |                              | 1   |
| 355                   | IW        | 163+29.89 | 26.34  | RT    | 37.01           | IW TO BE ADJUSTED            |                              | 1   |
| 356                   | BBW       | 163+33.00 | 25.83  | RT    | 36.98           | BBW TO BE ADJUSTED           |                              | 1   |
| 357                   | MH        | 163+44.03 | 15.44  | LT    | 37.41           | MH TO BE ADJUSTED            |                              | 1   |
| 358                   | BBW       | 163+57.69 | 27.96  | RT    | 37.23           | BBW TO BE ADJUSTED           |                              | 1   |
| 359                   | BBW       | 163+85.55 | 27.73  | RT    | 37.15           | BBW TO BE ADJUSTED           |                              | 1   |
| 360                   | BBW       | 164+09.41 | 27.42  | RT    | 37.07           | BBW TO BE ADJUSTED           |                              | 1   |
| 361                   | GV        | 164+10.33 | 34.08  | RT    | 37.28           | GV TO BE ADJUSTED            |                              | 1   |
| 362                   | GV        | 164+38.88 | 27.24  | RT    | 37.05           | GV TO BE ADJUSTED            |                              | 1   |
| 363                   | BBW       | 164+65.32 | 28.10  | RT    | 36.98           | BBW TO BE ADJUSTED           |                              | 1   |
| 366                   | MH        | 165+03.46 | 16.10  | LT    | 37.23           | MH TO BE ADJUSTED            |                              | 1   |
| 366A                  | MH        | 165+06.74 | 167.35 | RT    | 37.16           | MH TO BE ADJUSTED            |                              | 1   |
| 367                   | VV        | 165+20.23 | 58.50  | RT    | 37.02           | VV TO BE ADJUSTED            |                              | 1   |
| 368                   | MH        | 165+21.48 | 35.92  | LT    | 36.78           | MH TO BE ADJUSTED            |                              | 1   |
| 369                   | WV        | 165+21.85 | 22.40  | LT    | 37.06           | WV TO BE ADJUSTED            |                              | 1   |
| 370                   | MH        | 165+27.81 | 44.70  | RT    | 36.66           | MH TO BE ADJUSTED            |                              | 1   |
| 370A                  | WVV       | 165+31.56 | 52.67  | RT    | 36.67           | WVV TO BE ADJUSTED           |                              | 1   |
| 372                   | BBW       | 165+58.75 | 25.65  | LT    | 36.95           | BBW TO BE ADJUSTED           |                              | 1   |
| 373                   | BBW       | 165+64.86 | 28.52  | RT    | 36.62           | BBW TO BE ADJUSTED           |                              | 1   |
| 374                   | BBW       | 166+11.32 | 29.46  | LT    | 36.97           | BBW TO BE ADJUSTED           |                              | 1   |
| 375                   | BBW       | 166+28.55 | 27.27  | RT    | 36.81           | BBW TO BE ADJUSTED           |                              | 1   |
| 376                   | BBW       | 166+36.68 | 26.19  | LT    | 36.95           | BBW TO BE ADJUSTED           |                              | 1   |
| 377                   | BBW       | 166+43.33 | 26.00  | RT    | 36.97           | BBW TO BE ADJUSTED           |                              | 1   |
| 378                   | IW        | 166+43.80 | 26.41  | RT    | 36.90           | IW TO BE ADJUSTED            |                              | 1   |
| 379                   | BBW       | 166+54.30 | 27.15  | RT    | 36.90           | BBW TO BE ADJUSTED           |                              | 1   |
| 380                   | BBW       | 16660.91  | 26.09  | LT    | 36.88           | BBW TO BE ADJUSTED           |                              | 1   |
| 381                   | BBW       | 166+74.28 | 26.56  | RT    | 36.78           | BBW TO BE ADJUSTED           |                              | 1   |
| 382                   | GV        | 166+76.06 | 26.98  | RT    | 36.78           | GV TO BE ADJUSTED            |                              | 1   |
| 383                   | BBW       | 166+95.78 | 25.74  | RT    | 36.68           | BBW TO BE ADJUSTED           |                              | 1   |
| 384                   | IW        | 166+95.85 | 26.97  | RT    | 36.72           | IW TO BE ADJUSTED            |                              | 1   |
| 385                   | BBW       | 167+25.17 | 27.7   | RT    | 36.77           | BBW TO BE ADJUSTED           |                              | 1   |
| 386                   | IW        | 167+26.56 | 27.41  | RT    | 36.81           | IW TO BE ADJUSTED            |                              | 1   |
| 387                   | BBW       | 167+34.82 | 26.86  | LT    | 36.96           | BBW TO BE ADJUSTED           |                              | 1   |
| 388                   | BBW       | 167+59.48 | 26.84  | LT    | 36.86           | BBW TO BE ADJUSTED           |                              | 1   |
| 390                   | BBW       | 167+78.56 | 28.38  | RT    | 36.82           | BBW TO BE ADJUSTED           |                              | 1   |
| 391                   | MH        | 168+08.18 | 17.75  | RT    | 36.73           | MH TO BE ADJUSTED            |                              | 1   |
| 392                   | MH        | 168+34.34 | 16.06  | LT    | 36.71           | MH TO BE ADJUSTED            |                              | 1   |
| 393                   | WV        | 168+38.10 | 34.98  | RT    | 36.62           | WV TO BE ADJUSTED            |                              | 1   |
| 394                   | MH        | 168+42.48 | 37.44  | RT    | 36.77           | MH TO BE ADJUSTED            |                              | 1   |
| 395                   | MH        | 168+43.15 | 46.13  | RT    | 36.70           | MH TO BE ADJUSTED            |                              | 1   |

| XX002258 AND 56500600 |           |           |        |       |                 |                              | STRUCTURES TO DOMESTIC WATER |   |
|-----------------------|-----------|-----------|--------|-------|-----------------|------------------------------|------------------------------|---|
| STR. NO.              | STR. TYPE | STATION   | OFFSET |       | EXIST TRIM ELEV | TYPE OF WORK TO BE COMPLETED | BE ADJUSTED XX002258 EACH    | SERVICE BOXES TO BE ADJUSTED 56500600, EACH |
|                       |           |           | FT     | LT/RT |                 |                              |                              |   |
| 396                   | MH        | 168+50.37 | 25.04  | RT    | 36.41           | MH TO BE ADJUSTED            |                              | 1   |
| 396A                  | WVV       | 168+46.27 | 16.49  | RT    | 36.72           | WVV TO BE ADJUSTED           |                              | 1   |
| 397                   | MH        | 168+59.82 | 22.85  | LT    | 36.58           | MH TO BE ADJUSTED            |                              | 1   |
| 398                   | WVV       | 168+70.23 | 44.15  | RT    | 36.92           | WVV TO BE ADJUSTED           |                              | 1   |
| 399                   | WVV       | 168+75.38 | 15.00  | LT    | 36.75           | WVV TO BE ADJUSTED           |                              | 1   |
| 400                   | WVV       | 168+77.86 | 11.83  | LT    | 36.93           | WVV TO BE ADJUSTED           |                              | 1   |
| 401                   | MH        | 168+83.18 | 16.07  | RT    | 36.84           | BBW TO BE ADJUSTED           |                              | 1   |
| 402                   | BBW       | 169+26.09 | 27.84  | LT    | 36.70           | BBW TO BE ADJUSTED           |                              | 1   |
| 403                   | BBW       | 169+50.52 | 27.83  | LT    | 36.64           | BBW TO BE ADJUSTED           |                              | 1   |
| 404                   | BBW       | 169+76.50 | 28.01  | LT    | 36.65           | BBW TO BE ADJUSTED           |                              | 1   |
| 405                   | BBW       | 170+00.46 | 27.67  | LT    | 36.66           | BBW TO BE ADJUSTED           |                              | 1   |
| 406                   | MH        | 170+22.15 | 17.44  | LT    | 36.95           | MH TO BE ADJUSTED            |                              | 1   |
| 407                   | BBW       | 170+50.67 | 27.58  | LT    | 36.60           | BBW TO BE ADJUSTED           |                              | 1   |
| 408                   | BBW       | 170+76.46 | 27.20  | LT    | 36.66           | BBW TO BE ADJUSTED           |                              | 1   |
| 409                   | WVV       | 171+62.97 | 13.51  | LT    | 36.96           | WVV TO BE ADJUSTED           |                              | 1   |
| 410                   | MH        | 171+74.51 | 16.65  | LT    | 37.04           | MH TO BE ADJUSTED            |                              | 1   |
| 411                   | MH        | 171+76.14 | 23.62  | RT    | 36.71           | MH TO BE ADJUSTED            |                              | 1   |
| 412                   | MH        | 171+94.35 | 20.54  | RT    | 36.82           | MH TO BE ADJUSTED            |                              | 1   |
| 413                   | BBW       | 172+26.96 | 26.98  | RT    | 36.81           | BBW TO BE ADJUSTED           |                              | 1   |
| 414                   | BBW       | 172+31.46 | 28.17  | LT    | 36.77           | BBW TO BE ADJUSTED           |                              | 1   |
| 415                   | BBW       | 172+62.59 | 27.44  | LT    | 36.67           | BBW TO BE ADJUSTED           |                              | 1   |
| 416                   | BBW       | 172+98.19 | 27.26  | RT    | 36.83           | BBW TO BE ADJUSTED           |                              | 1   |
| 417                   | BBW       | 173+50.05 | 26.83  | RT    | 36.73           | BBW TO BE ADJUSTED           |                              | 1   |
| 418                   | BBW       | 173+54.16 | 27.26  | LT    | 36.49           | BBW TO BE ADJUSTED           |                              | 1   |
| 420                   | BBW       | 173+73.08 | 27.03  | RT    | 36.74           | BBW TO BE ADJUSTED           |                              | 1   |
| 421                   | BBW       | 173+77.07 | 27.54  | LT    | 36.50           | BBW TO BE ADJUSTED           |                              | 1   |
| 423                   | BBW       | 174+71.77 | 27.13  | RT    | 36.81           | BBW TO BE ADJUSTED           |                              | 1   |
| 424                   | MH        | 174+80.56 | 12.35  | LT    | 36.70           | MH TO BE ADJUSTED            |                              | 1   |
| 425                   | V         | 174+66.00 | 55.02  | RT    | 36.91           | V TO BE ADJUSTED             |                              | 1   |
| 426                   | GV        | 174+84.69 | 63.98  | RT    | 36.88           | GV TO BE ADJUSTED            |                              | 1   |
| 427                   | GV        | 174+84.73 | 63.91  | RT    | 36.90           | GV TO BE ADJUSTED            |                              | 1   |
| 428                   | MH        | 174+92.65 | 45.87  | RT    | 36.59           | MH TO BE ADJUSTED            |                              | 1   |
| 429                   | MH        | 174+94.85 | 14.33  | LT    | 36.61           | MH TO BE ADJUSTED            |                              | 1   |
| 430                   | MH        | 175+03.80 | 32.88  | RT    | 36.18           | MH TO BE ADJUSTED            |                              | 1   |
| 431                   | MH        | 175+05.81 | 16.53  | LT    | 36.56           | MH TO BE ADJUSTED            |                              | 1   |
| 432                   | MH        | 175+16.00 | 24.74  | RT    | 36.44           | MH TO BE ADJUSTED            |                              | 1   |
| 433                   | BBW       | 175+51.58 | 27.28  | LT    | 36.52           | BBW TO BE ADJUSTED           |                              | 1   |
| 434                   | BBW       | 175+65.26 | 27.14  | LT    | 36.43           | BBW TO BE ADJUSTED           |                              | 1   |
| 435                   | BBW       | 176+23.31 | 26.96  | LT    | 36.32           | BBW TO BE ADJUSTED           |                              | 1   |
| 436                   | BBW       | 176+48.44 | 27.36  | LT    | 36.37           | BBW TO BE ADJUSTED           |                              | 1   |
| 437                   | BBW       | 176+72.82 | 27.49  | LT    | 36.27           | BBW TO BE ADJUSTED           |                              | 1   |
| 438                   | MH        | 176+90.98 | 16.63  | LT    | 36.20           | MH TO BE ADJUSTED            |                              | 1   |
| 439                   | BBW       | 176+97.10 | 27.52  | LT    | 36.19           | BBW TO BE ADJUSTED           |                              | 1   |
| 441                   | BBW       | 177+37.26 | 26.94  | RT    | 36.01           | BBW TO BE ADJUSTED           |                              | 1   |
| 442                   | BBW       | 177+47.53 | 27.51  | LT    | 36.10           | BBW TO BE ADJUSTED           |                              | 1   |
| 443                   | BBW       | 177+70.56 | 27.68  | LT    | 36.01           | BBW TO BE ADJUSTED           |                              | 1   |
| 445                   | BBW       | 177+88.26 | 27.07  | RT    | 36.04           | BBW TO BE ADJUSTED           |                              | 1   |
| 446                   | BBW       | 178+01.60 | 27.43  | LT    | 35.98           | BBW TO BE ADJUSTED           |                              | 1   |
| 447                   | MH        | 178+06.92 | 23.98  | RT    | 35.24           | MH TO BE ADJUSTED            |                              | 1   |
| 448                   | MH        | 178+28.56 | 12.84  | LT    | 35.96           | MH TO BE ADJUSTED            |                              | 1   |
| 450                   | MH        | 178+40.21 | 33.70  | RT    | 35.38           | MH TO BE ADJUSTED            |                              | 1   |
| 451                   | MH        | 178+40.59 | 15.79  | LT    | 36.95           | MH TO BE ADJUSTED            |                              | 1   |
| 452                   | MH        | 178+49.13 | 25.00  | RT    | 35.76           | MH TO BE ADJUSTED            |                              | 1   |
| 453                   | MH        | 178+63.68 | 41.96  | RT    | 35.09           | MH TO BE ADJUSTED            |                              | 1   |
| 454                   | BBW       | 178+85.85 | 26.70  | RT    | 35.57           | BBW TO BE ADJUSTED           |                              | 1   |
| 455                   | BBW       | 179+00.99 | 27.38  | LT    | 35.54           | BBW TO BE ADJUSTED           |                              | 1   |
| 456                   | BBW       | 179+39.78 | 26.67  | RT    | 35.11           | BBW TO BE ADJUSTED           |                              | 1   |
| 457                   | BBW       | 179+55.83 | 27.35  | LT    | 35.17           | BBW TO BE ADJUSTED           |                              | 1   |
| 458                   | BBW       | 179+58.64 | 27.66  | RT    | 35.20           | BBW TO BE ADJUSTED           |                              | 1   |
| 460                   | BBW       | 179+85.51 | 26.98  | RT    | 34.67           | BBW TO BE ADJUSTED           |                              | 1   |
| 461                   | BBW       | 180+14.49 | 27.44  | RT    | 34.36           | BBW TO BE ADJUSTED           |                              | 1   |
| 462                   | MH        | 180+27.52 | 15.66  | LT    | 34.65           | MH TO BE ADJUSTED            |                              | 1   |
| 463                   | BBW       | 180+43.20 | 26.76  | RT    | 34.28           | BBW TO BE ADJUSTED           |                              | 1   |
| 464                   | BBW       | 180+85.94 | 26.84  | RT    | 34.27           | BBW TO BE ADJUSTED           |                              | 1   |
| 465                   | MH        | 181+13.43 | 14.01  | RT    | 34.64           | MH TO BE ADJUSTED            |                              | 1   |
| 468                   | BBW       | 181+31.77 | 26.64  | RT    | 34.23           | BBW TO BE ADJUSTED           |                              | 1   |
| 469                   | MH        | 181+33.93 | 16.41  | RT    | 34.62           | MH                           |                              |   |

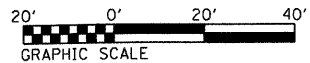


|                                    |                              |               |           |   |                                     |                         |                                  |                    |                        |                           |                  |               |
|------------------------------------|------------------------------|---------------|-----------|---|-------------------------------------|-------------------------|----------------------------------|--------------------|------------------------|---------------------------|------------------|---------------|
| FILE NAME = DIRTE36-shr-eros01.dgn | USER NAME = 1001             | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EROSION AND SEDIMENT CONTROL</b> |                         |                                  | F.A.P. RTE. 347    | SECTION 09-00248-00-RS | COUNTY COOK               | TOTAL SHEETS 274 | SHEET NO. 130 |
|                                    | PLOT SCALE = 20,0000 "/> IN. | CHECKED - JB  | REVISED - |   | SCALE: 1" = 20'                     | SHEET NO. 1 OF 8 SHEETS | STA. 100+00.00 TO STA. 110+00.00 | CONTRACT NO. 63432 |                        | ILLINOIS FED. AID PROJECT |                  |               |
|                                    | PLOT DATE = 3/17/2010        | DATE -        | REVISED - |   |                                     |                         |                                  |                    |                        |                           |                  |               |

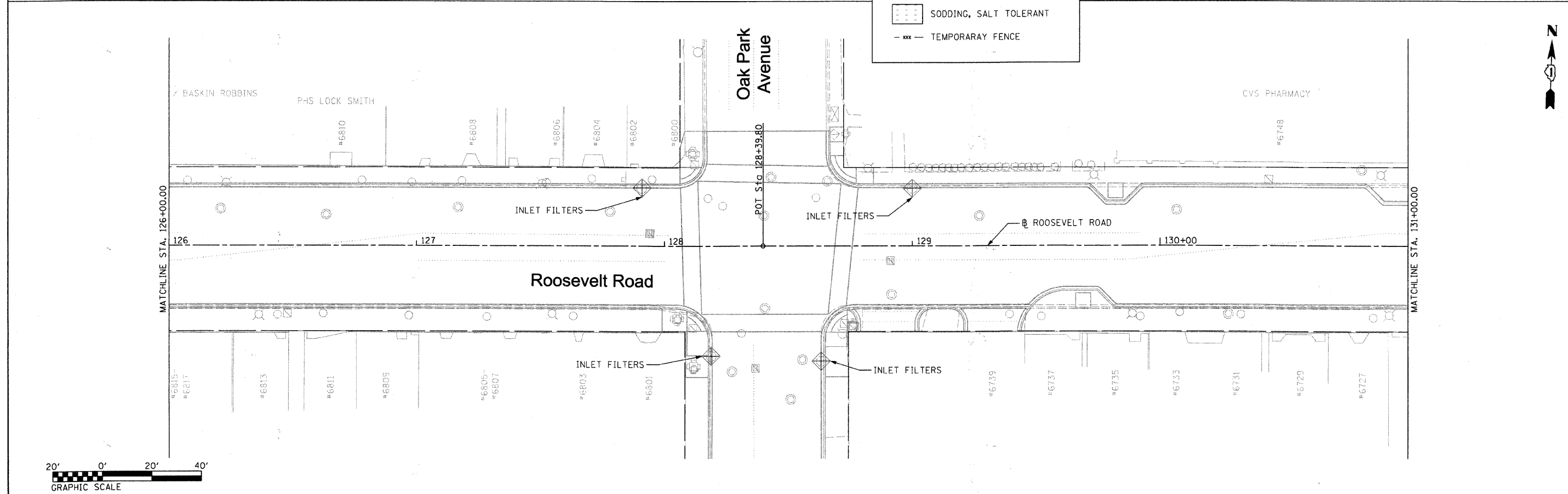
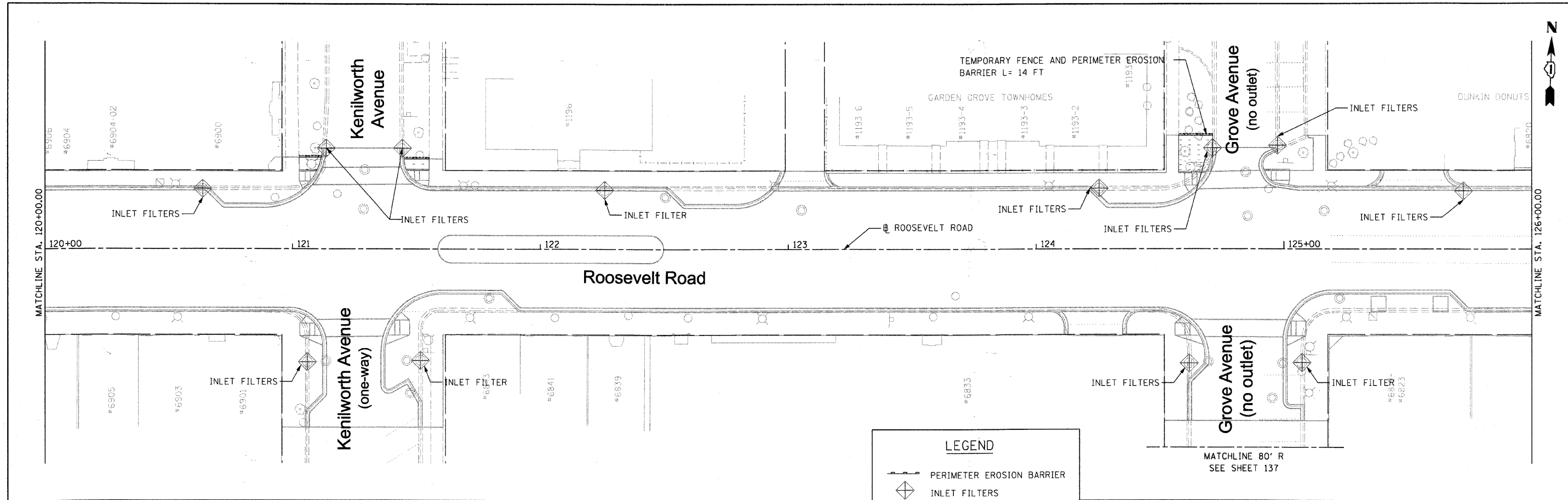


**LEGEND**

- PERIMETER EROSION BARRIER
- INLET FILTERS
- SODDING, SALT TOLERANT
- TEMPORARAY FENCE

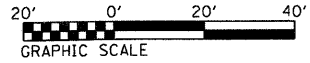


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|-------------------------------------|---------------------------|---------------|-----------|---|-------------------------------------|--|--|--|------------------------|-------------|------------------|--------------------|--|
| FILE NAME =<br>DIRTE38-ah-eros2.dgn | USER NAME = IDDT          | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EROSION AND SEDIMENT CONTROL</b> |  |  | F.A.P. RTE. 347  | SECTION 09-00248-00-R5 | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 131      |  |
|                                     | PLT SCALE = 20,0000 / IN. | CHECKED - JB  | REVISED - |   |                                     |  |  | SCALE: 1" = 20' SHEET NO. 2 OF 8 SHEETS STA. 110+00.00 TO STA. 120+00.00 |                        |             |                  | CONTRACT NO. 63432 |  |
|                                     | PLT DATE = 3/11/2018      | DATE -        | REVISED - |   |                                     |  |  | ILLINOIS FED. AID PROJECT  |                        |             |                  |                    |  |



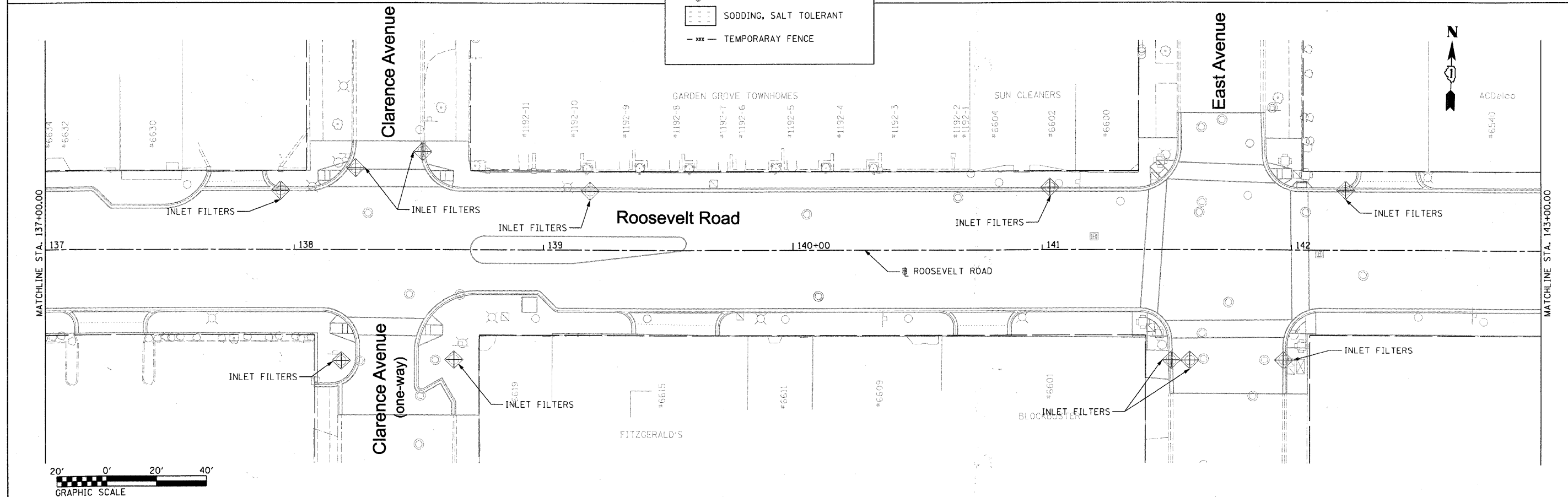
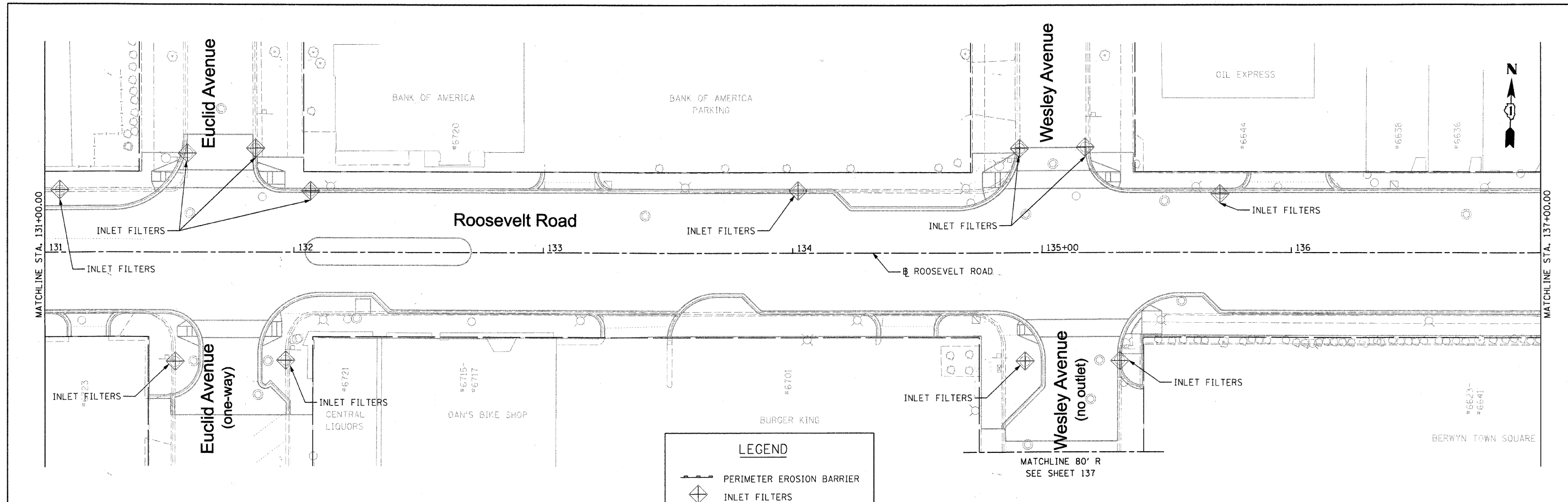
**LEGEND**

- PERIMETER EROSION BARRIER
- INLET FILTERS
- SODDING, SALT TOLERANT
- TEMPORARY FENCE







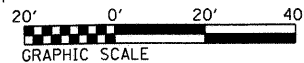
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|------------------------------------|-----------------------------|---------------|-----------|---|-------------------------------------|-------------------------|----------------------------------|--------------------|------------------------|---------------------------|------------------|---------------|
| FILE NAME = DIRTE3B-sh1-eros03.dgn | USER NAME = 100T            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EROSION AND SEDIMENT CONTROL</b> |                         |                                  | F.A.P. RTE. 347    | SECTION 09-00248-00-RS | COUNTY COOK               | TOTAL SHEETS 274 | SHEET NO. 132 |
|                                    | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   | SCALE: 1" = 20'                     | SHEET NO. 3 OF 8 SHEETS | STA. 120+00.00 TO STA. 131+00.00 | CONTRACT NO. 63432 |                        | ILLINOIS FED. AID PROJECT |                  |               |
|                                    | PLOT DATE = 3/11/2010       | DATE -        | REVISED - |   |                                     |                         |                                  |                    |                        |                           |                  |               |



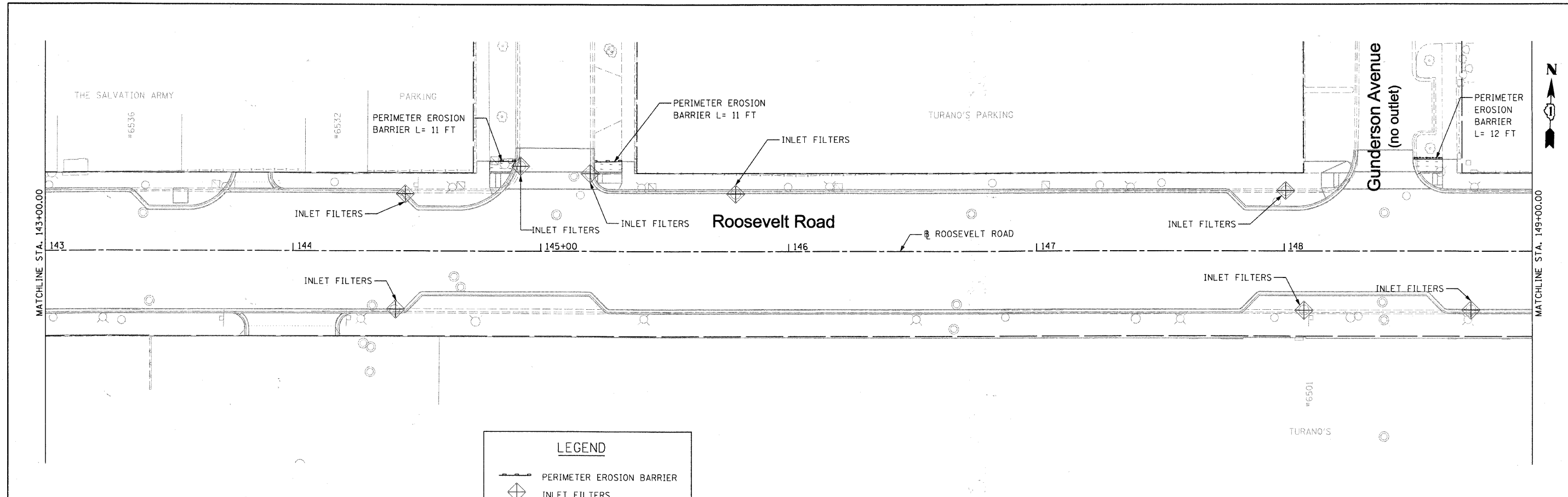


**LEGEND**

-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  SODDING, SALT TOLERANT
-  TEMPORARY FENCE

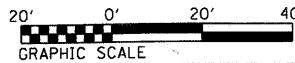
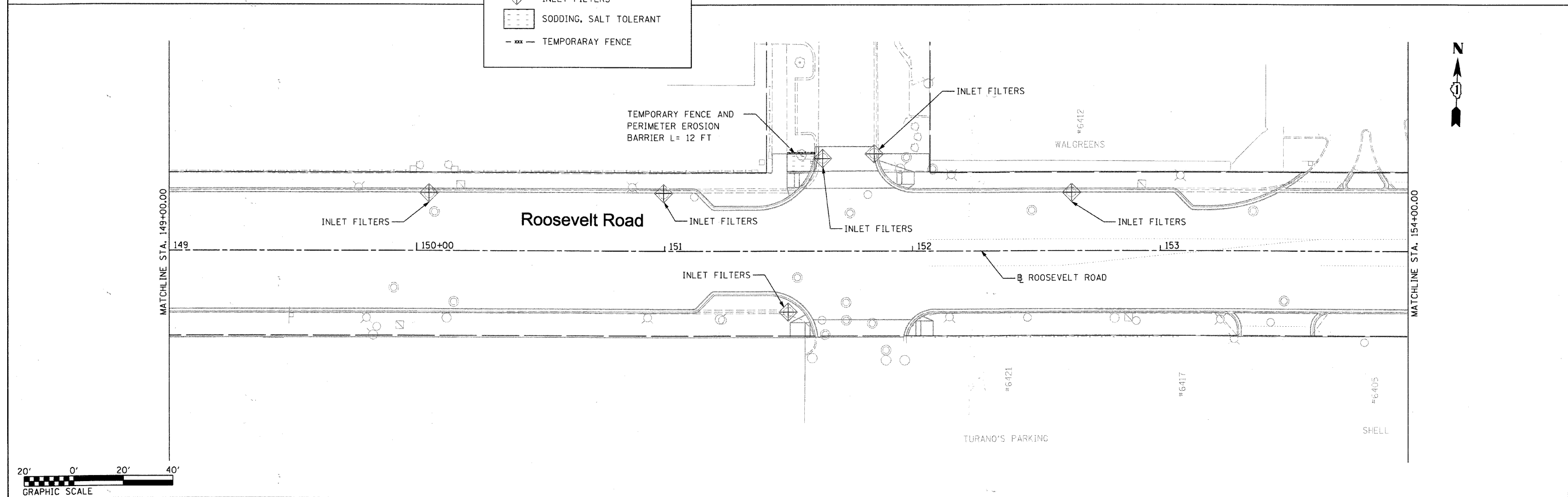


|                                    |                              |               |           |   |                                     |  |  |                                  |                        |             |                    |               |
|------------------------------------|------------------------------|---------------|-----------|---|-------------------------------------|--|--|----------------------------------|------------------------|-------------|--------------------|---------------|
| FILE NAME = DIRTE3B-shr-eros04.dgn | USER NAME = 1007             | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EROSION AND SEDIMENT CONTROL</b> |  |  | F.A.P. RTE. 347                  | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274   | SHEET NO. 133 |
|                                    | PLOT SCALE = 20,0000 "/> IN. | CHECKED - JB  | REVISED - |   | SCALE: 1" = 20'                     |  |  | SHEET NO. OF SHEETS STA. TO STA. |                        |             | CONTRACT NO. 63432 |               |
|                                    | PLOT DATE = 3/17/2010        | DATE -        | REVISED - |   | ILLINOIS FED. AID PROJECT           |  |  |                                  |                        |             |                    |               |
|                                    |                              |               |           |   |                                     |  |  |                                  |                        |             |                    |               |

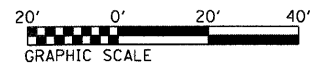
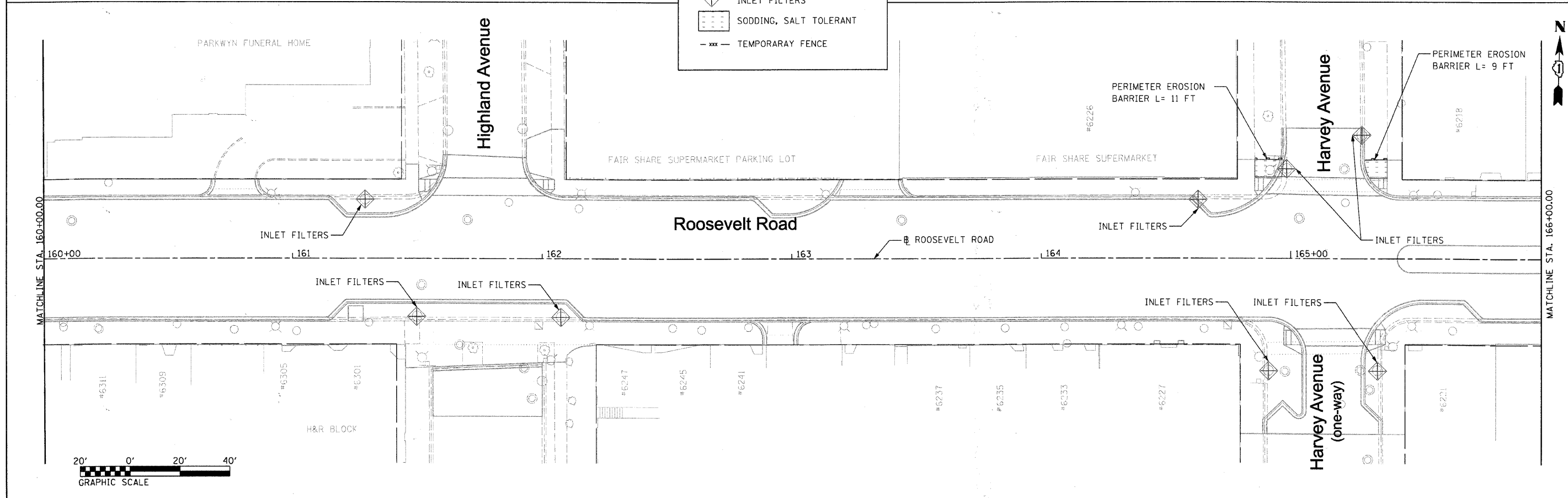
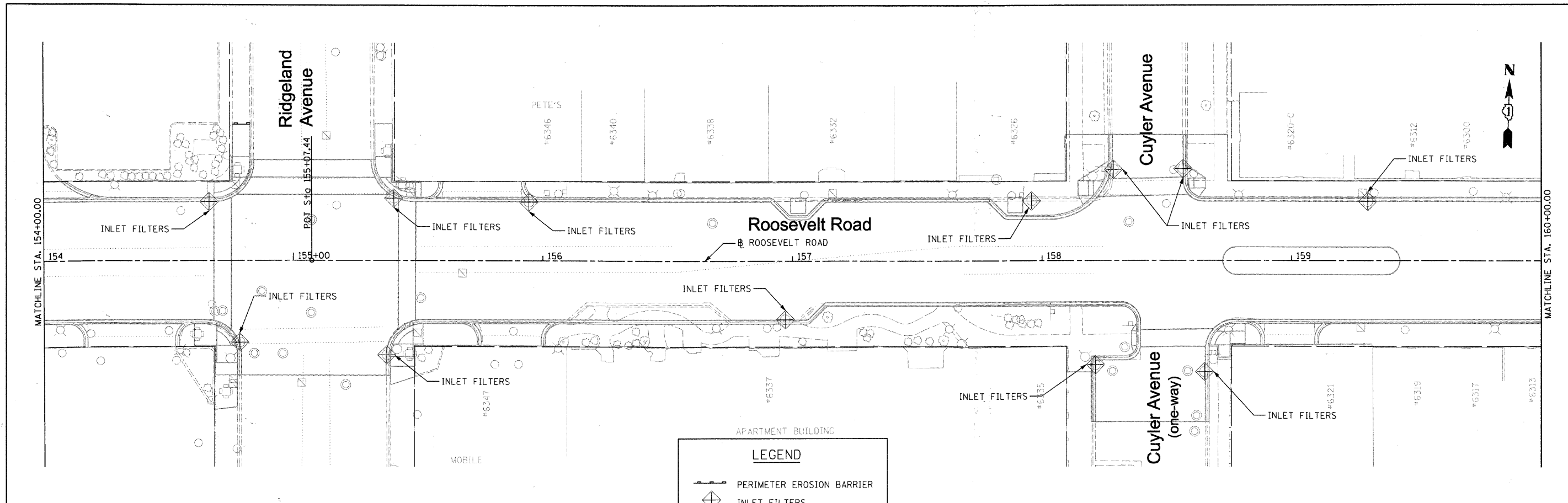


**LEGEND**

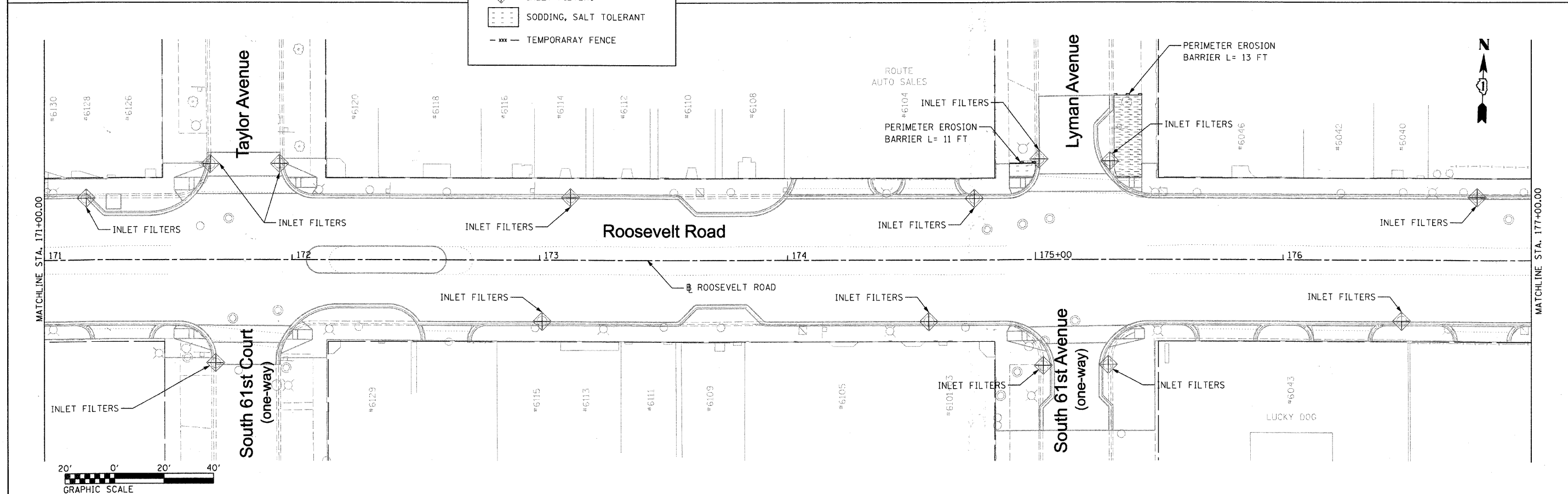
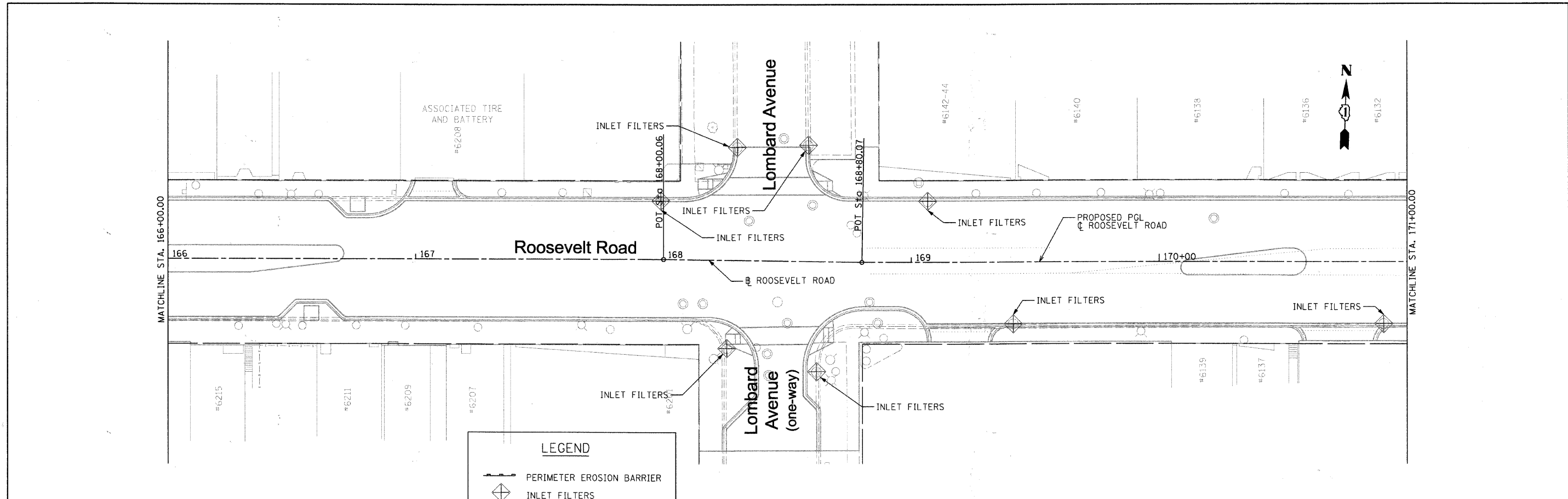
|  |                           |
|--|---------------------------|
|  | PERIMETER EROSION BARRIER |
|  | INLET FILTERS             |
|  | SODDING, SALT TOLERANT    |
|  | TEMPORARAY FENCE          |



|                                    |                             |               |           |   |                                     |                           |                        |              |                    |               |  |  |
|------------------------------------|-----------------------------|---------------|-----------|---|-------------------------------------|---------------------------|------------------------|--------------|--------------------|---------------|--|--|
| FILE NAME = DIRTE38-shr-eros05.dgn | USER NAME = JDDT            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EROSION AND SEDIMENT CONTROL</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS | COUNTY COOK  | TOTAL SHEETS 274   | SHEET NO. 134 |  |  |
|                                    | PLOT SCALE = 20.0000' / IN. | DRAWN - BL    | REVISED - |   |                                     | SCALE: 1" = 20'           | SHEET NO. OF SHEETS    | STA. TO STA. | CONTRACT NO. 63432 |               |  |  |
|                                    | PLOT DATE = 3/11/2010       | CHECKED - JB  | REVISED - |   |                                     | ILLINOIS FED. AID PROJECT |                        |              |                    |               |  |  |
|                                    |                             | DATE -        | REVISED - |   |                                     |                           |                        |              |                    |               |  |  |

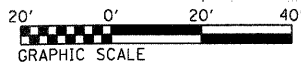


|                                    |                             |               |           |   |                                     |                                  |  |                           |                        |             |                  |               |
|------------------------------------|-----------------------------|---------------|-----------|---|-------------------------------------|----------------------------------|--|---------------------------|------------------------|-------------|------------------|---------------|
| FILE NAME = DIRTE06-shi-eros06.dgn | USER NAME = 1001            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EROSION AND SEDIMENT CONTROL</b> |                                  |  | F.A.P. RTE. 347           | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 135 |
|                                    | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   |                                     |                                  |  | CONTRACT NO. 63432        |                        |             |                  |               |
|                                    | PLOT DATE = 3/17/2010       | DATE -        | REVISED - |   |                                     |                                  |  | ILLINOIS FED. AID PROJECT |                        |             |                  |               |
|                                    |                             |               |           | SCALE: 1" = 20'   |                                     | SHEET NO. OF SHEETS STA. TO STA. |  |                           |                        |             |                  |               |

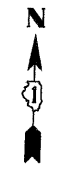
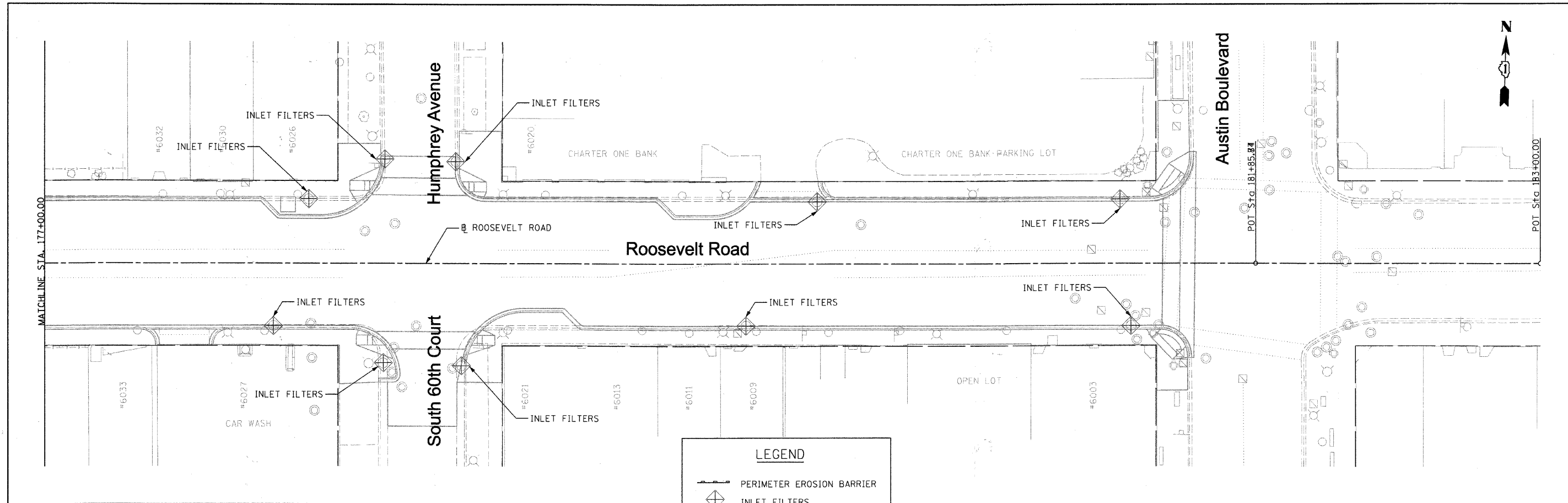


**LEGEND**

- PERIMETER EROSION BARRIER
- INLET FILTERS
- SODDING, SALT TOLERANT
- TEMPORARY FENCE



|                                    |                  |               |           |   |                                     |                           |                        |                                  |                  |                    |  |
|------------------------------------|------------------|---------------|-----------|---|-------------------------------------|---------------------------|------------------------|----------------------------------|------------------|--------------------|--|
| FILE NAME = DIRTE38-shr-aros07.dgn | USER NAME = 1007 | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EROSION AND SEDIMENT CONTROL</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS | COUNTY COOK                      | TOTAL SHEETS 274 | SHEET NO. 136      |  |
| PLOT SCALE = 22.0228" = 1" IN.     |                  | CHECKED - JB  | REVISED - |   |                                     | SCALE: 1" = 20'           |                        | SHEET NO. OF SHEETS STA. TO STA. |                  | CONTRACT NO. 63432 |  |
| PLOT DATE = 3/11/2010              |                  | DATE -        | REVISED - |   |                                     | ILLINOIS FED. AID PROJECT |                        |                                  |                  |                    |  |

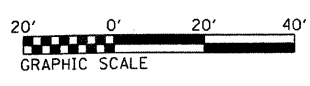
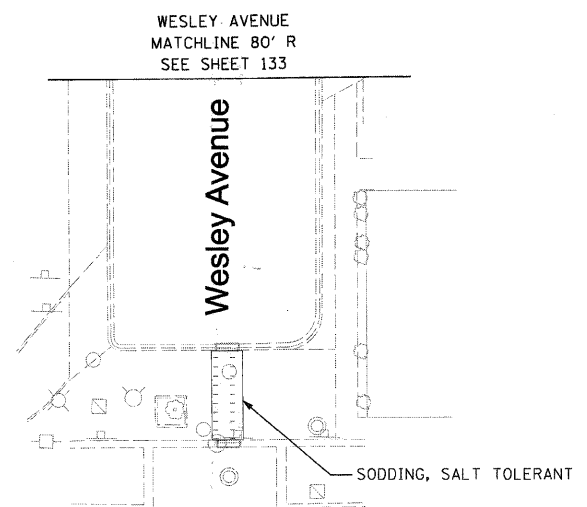
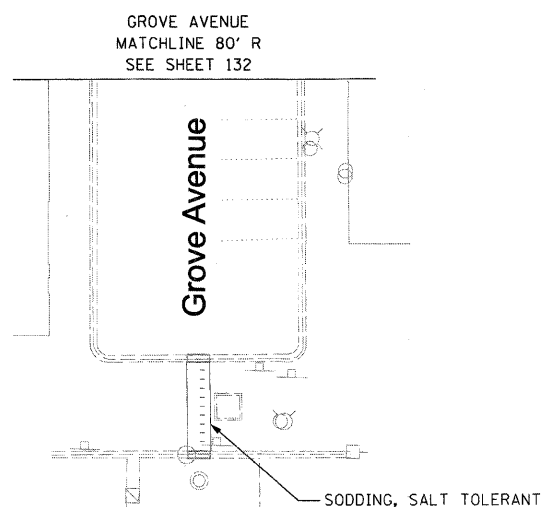
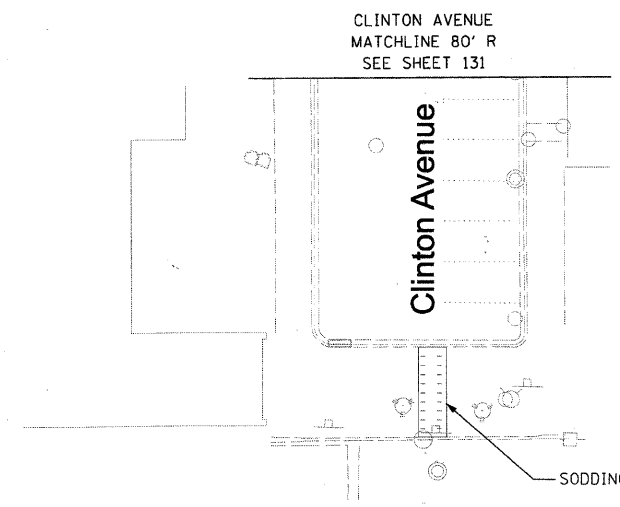


**LEGEND**

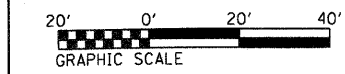
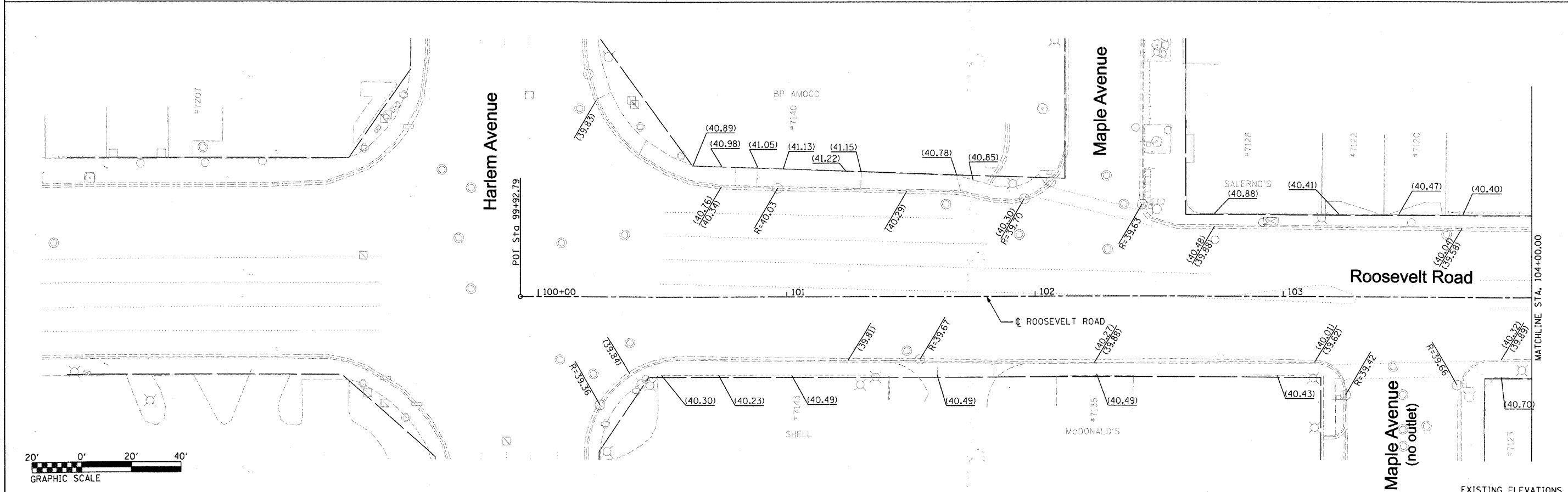
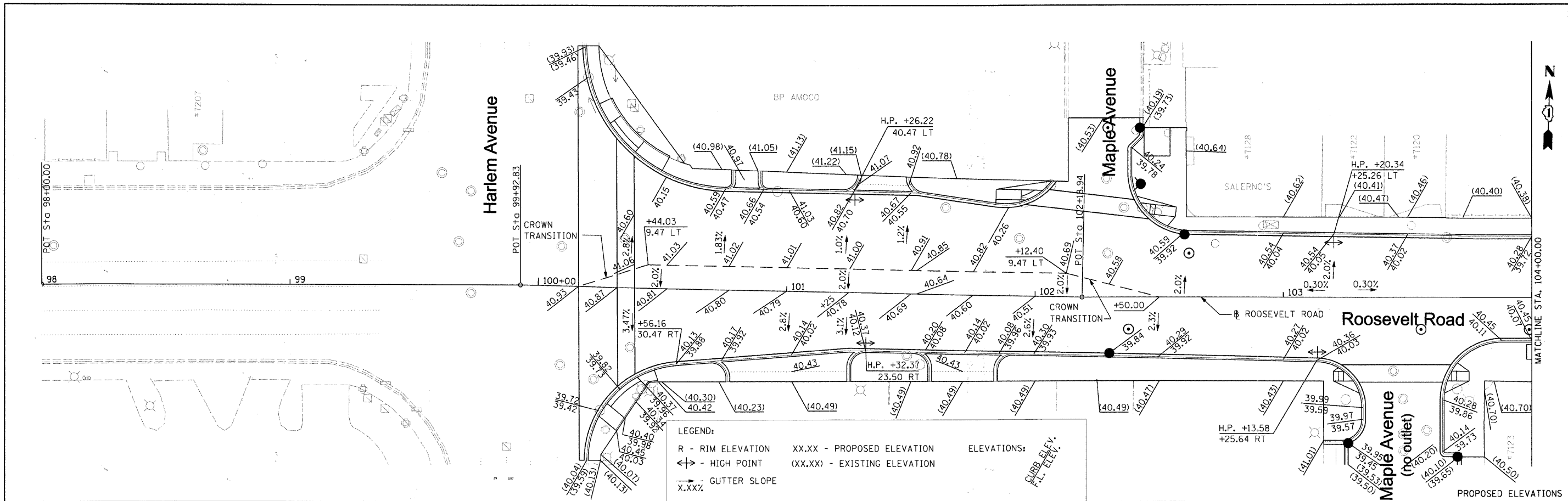
|  |                           |
|--|---------------------------|
|  | PERIMETER EROSION BARRIER |
|  | INLET FILTERS             |
|  | SODDING, SALT TOLERANT    |
|  | TEMPORARY FENCE           |

**SUMMARY OF QUANTITIES**

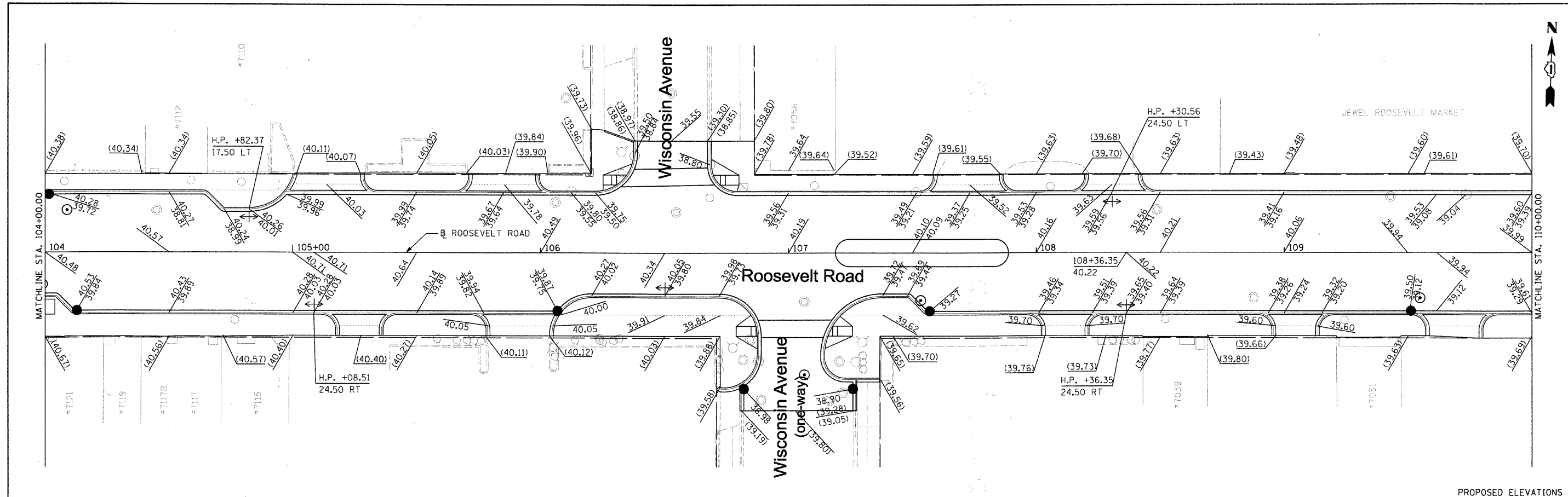
| ITEM NO  | ITEM                      | UNIT  | QUANTITY |
|----------|---------------------------|-------|----------|
| 28000400 | PERIMETER EROSION BARRIER | FOOT  | 117      |
| 28000500 | INLET FILTERS             | EACH  | 135      |
| 25200110 | SODDING, SALT TOLERANT    | SQ.YD | 130      |
| 20101000 | TEMPORARY FENCE           | FOOT  | 39       |



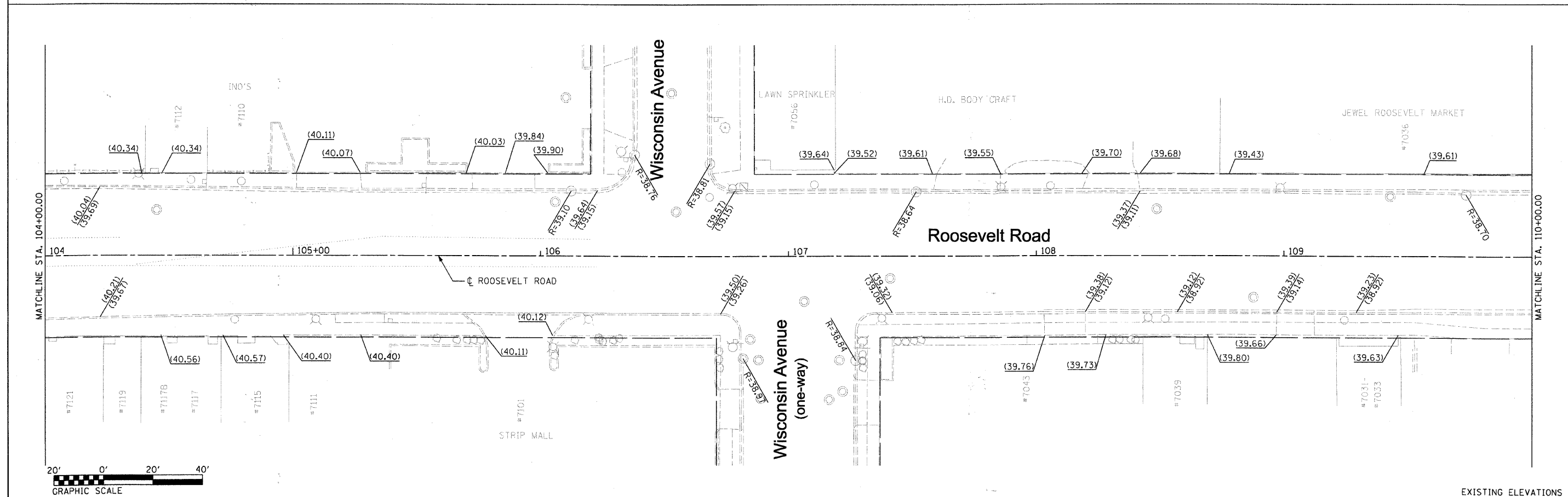
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| FILE NAME = DIRTE30-aht-eros08.dgn | USER NAME = 1001 | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>EROSION AND SEDIMENT CONTROL</b> | DRAWN - BL                | REVISED - | F.A.P. RTE. 347                  | SECTION 09-00248-00-RS | COUNTY COOK        | TOTAL SHEETS 250 | SHEET NO. 137 |  |
| PLOT SCALE = 20.0000 1/4 IN.       |                  | CHECKED - JB  | REVISED - |   |                                     | SCALE: 1" = 20'           |           | SHEET NO. OF SHEETS STA. TO STA. |                        | CONTRACT NO. 63432 |                  |               |  |
| PLOT DATE = 3/11/2010              |                  | DATE -        | REVISED - |   |                                     | ILLINOIS FED. AID PROJECT |           |                                  |                        |                    |                  |               |  |
|                                    |                  |               |           |   |                                     |                           |           |                                  |                        |                    |                  |               |  |



|                                    |  |               |           |   |   |                 |                        |              |                           |               |  |  |
|------------------------------------|--|---------------|-----------|---|---|-----------------|------------------------|--------------|---------------------------|---------------|--|--|
| FILE NAME = DIRTE38-shr-elev01.dgn | USER NAME = IDOT   | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> | F.A.P. RTE. 347 | SECTION 09-00248-00-RS | COUNTY COOK  | TOTAL SHEETS 274          | SHEET NO. 138 |  |  |
|                                    | PLOT SCALE = 20.0000 "/> <td>DRAWN - RP</td> <td>REVISED -</td> <td>SCALE: 1" = 20'</td> <td>SHEET NO. OF SHEETS</td> <td>STA. TO STA.</td> <td colspan="4" style="text-align: center;">ILLINOIS FED. AID PROJECT</td> | DRAWN - RP    | REVISED - |   |   | SCALE: 1" = 20' | SHEET NO. OF SHEETS    | STA. TO STA. | ILLINOIS FED. AID PROJECT |               |  |  |
|                                    | PLOT DATE = 3/11/2010  | CHECKED - JB  | REVISED - |   |   |                 |                        |              |                           |               |  |  |
|                                    |  | DATE          | REVISED - |   |   |                 |                        |              |                           |               |  |  |

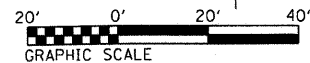
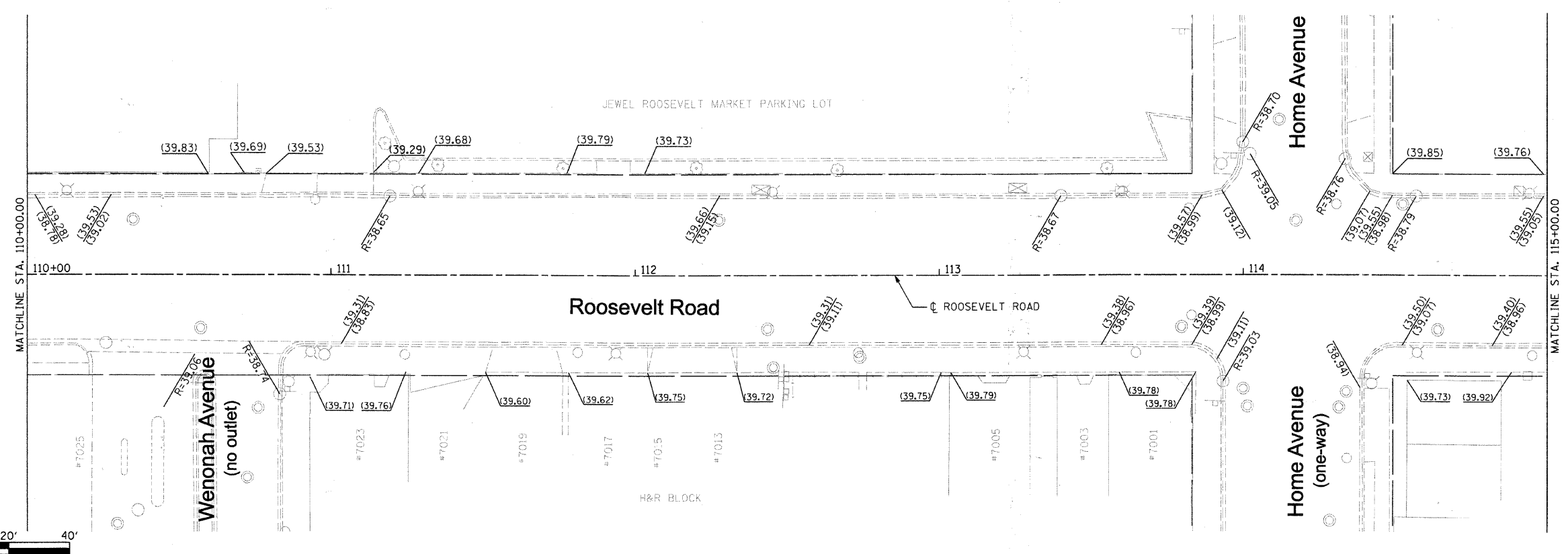
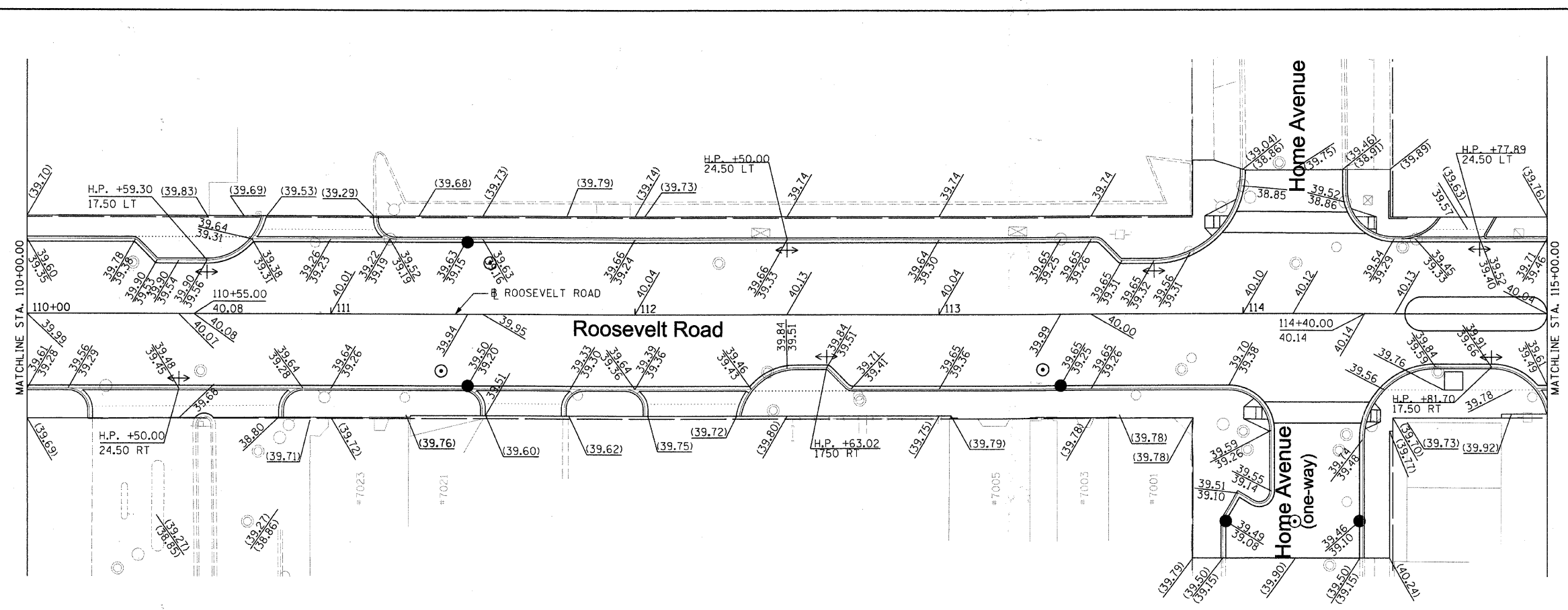
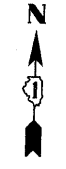


PROPOSED ELEVATIONS



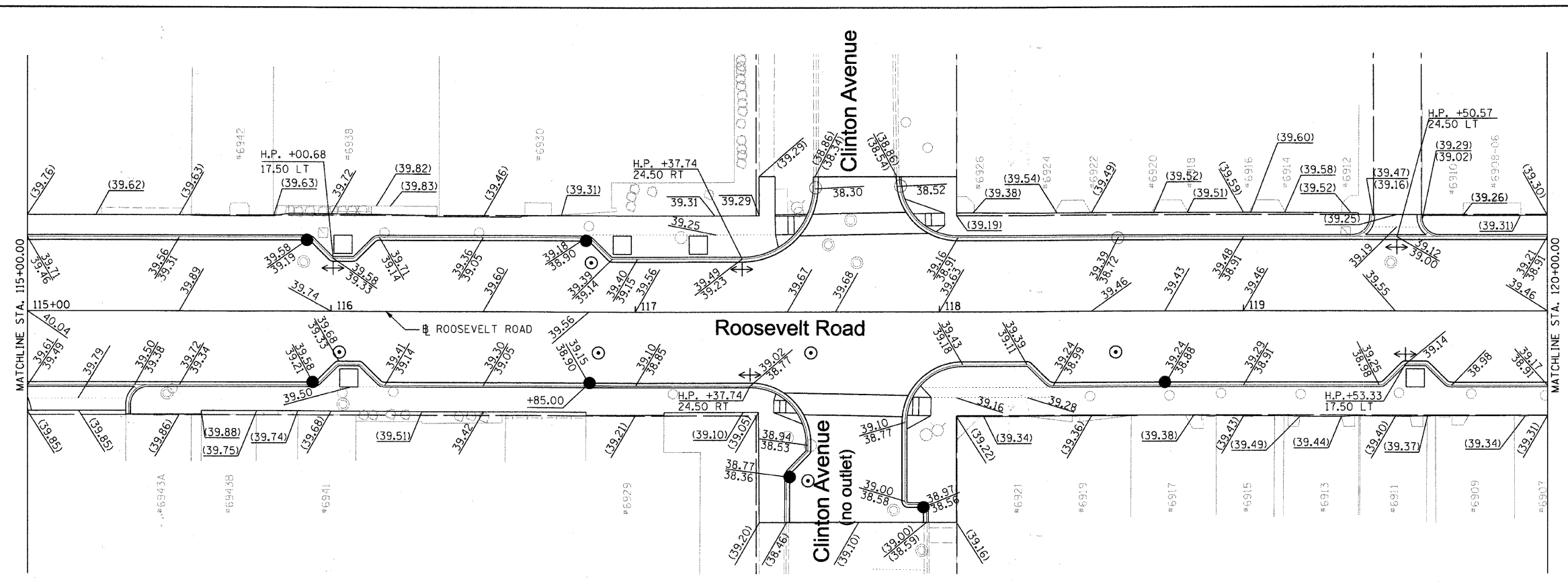
EXISTING ELEVATIONS

|  |                             |  |   |   |   |  |   |
|--|-----------------------------|--|---|---|---|--|---|
| FILE NAME = DIRTE08-shr-elev02.dgn<br>USER NAME = 1001<br>PLOT SCALE = 20.0000' / IN.<br>PLOT DATE = 3/11/2010 | DESIGNED - BB<br>DRAWN - RP | REVISED -<br>REVISED -<br>REVISED -<br>REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b>   |   |  | F.A.P. RTE. 347<br>SECTION 09-00248-00-R5<br>COUNTY COOK<br>TOTAL SHEETS 274<br>SHEET NO. 139 |
|  | CHECKED - JB<br>DATE -      | REVISED -<br>REVISED -                           |   | SCALE: 1" = 20'<br>SHEET NO. 2 OF 15 SHEETS<br>STA. 104+00.00 TO STA. 110+00.00 | CONTRACT NO. 63432<br>ILLINOIS FED. AID PROJECT |  |   |
|  |                             |  |   |   |   |  |   |

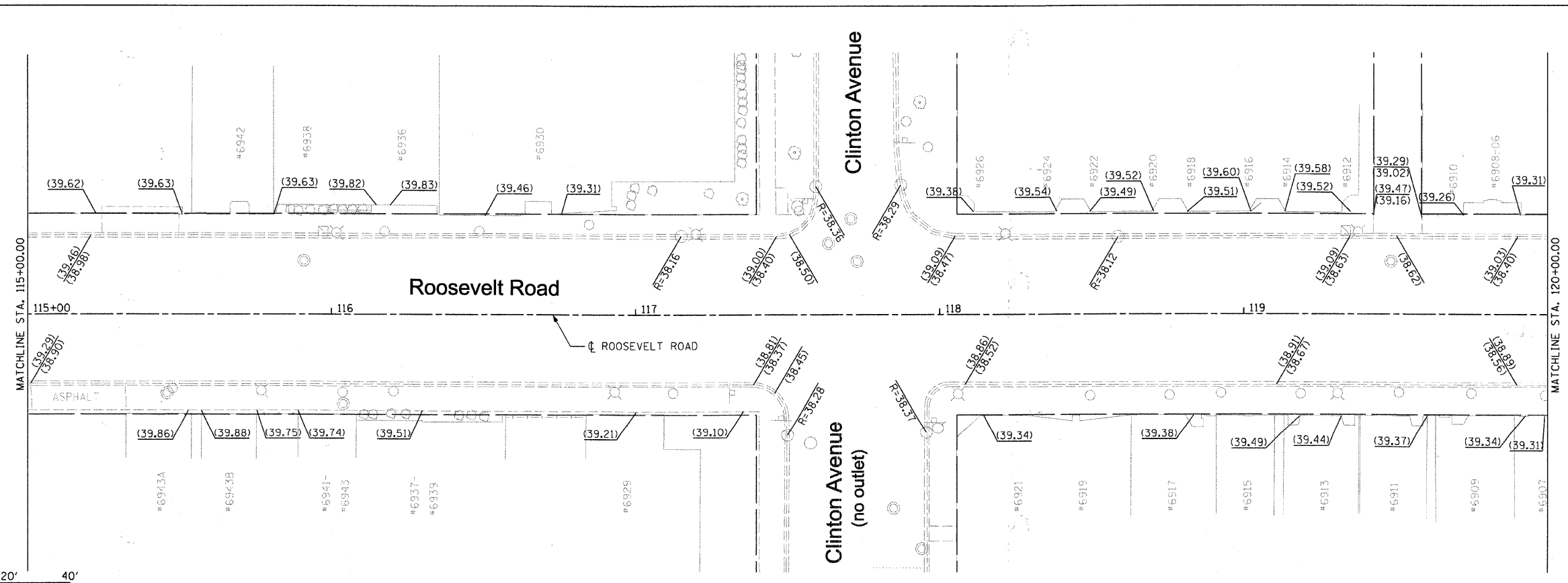


|                                  |                             |               |           |   |   |                 |                          |                                  |   |               |
|----------------------------------|-----------------------------|---------------|-----------|---|---|-----------------|--------------------------|----------------------------------|---|---------------|
| FILE NAME = DIRTE38-ht-lev03.dgn | USER NAME = IOOT            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> | F.A.P. RTE. 347 | SECTION 09-00248-00-RS   | COUNTY COOK                      | TOTAL SHEETS 274                                | SHEET NO. 140 |
|                                  | PLOT SCALE = 20.0000 "/ IN. | CHECKED - JB  | REVISED - |   |   | SCALE: 1" = 20' | SHEET NO. 3 OF 15 SHEETS | STA. 110+00.00 TO STA. 115+00.00 | CONTRACT NO. 63432<br>ILLINOIS FED. AID PROJECT |               |
| PLOT DATE = 3/11/2010            | DATE -                      | REVISED -     | REVISED - |   |   |                 |                          |                                  |   |               |

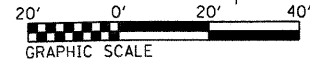




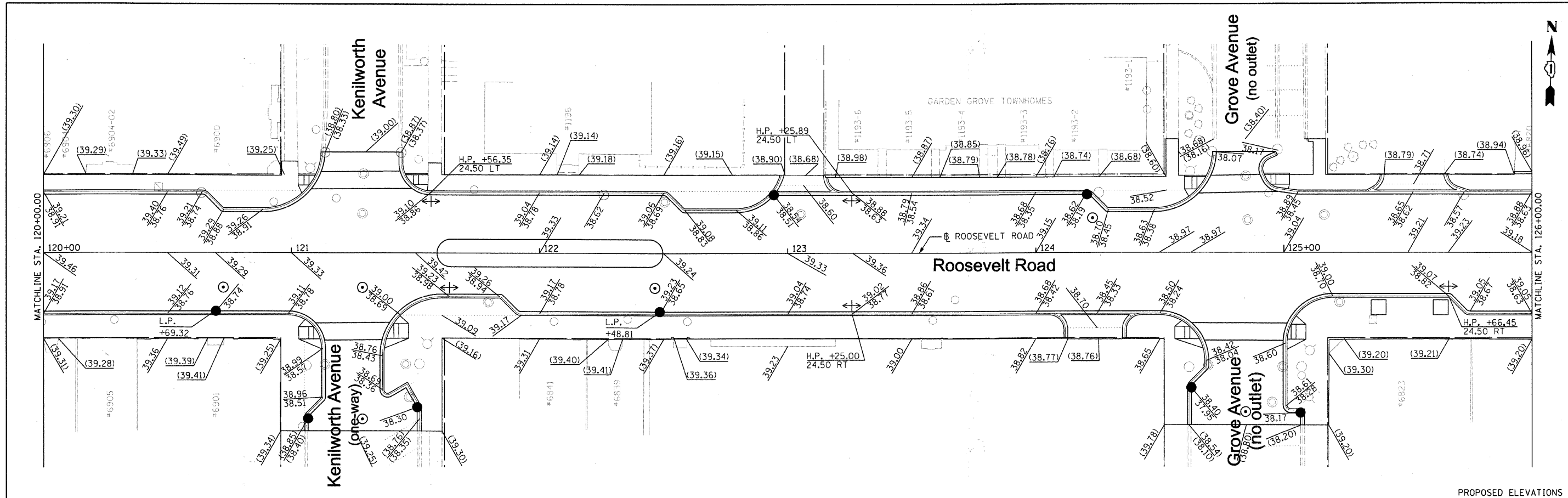
PROPOSED ELEVATIONS



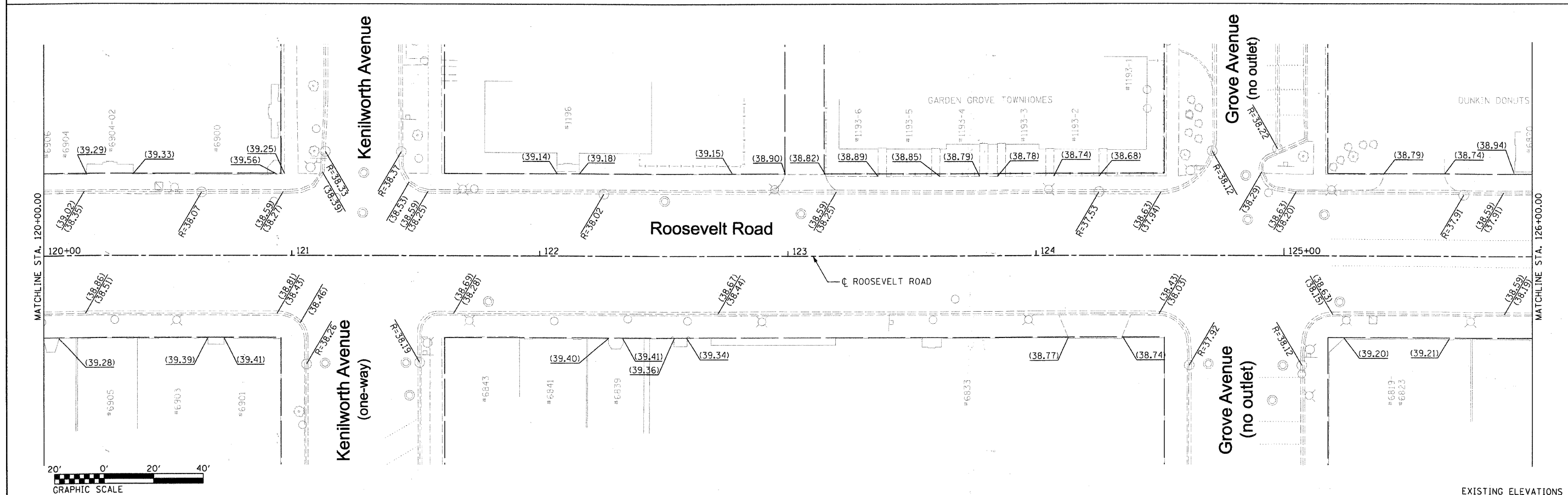
EXISTING ELEVATIONS



|                                       |                             |               |           |   |   |                          |                                  |                    |                          |               |                    |                 |
|---------------------------------------|-----------------------------|---------------|-----------|---|---|--------------------------|----------------------------------|--------------------|--------------------------|---------------|--------------------|-----------------|
| FILE NAME =<br>DIRTE36-shr-elev24.dgn | USER NAME = IDOT            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> |                          |                                  | F.A.P. RTE. = 347  | SECTION = 09-00248-00-RS | COUNTY = COOK | TOTAL SHEETS = 274 | SHEET NO. = 141 |
|                                       | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   | SCALE: 1" = 20'                         | SHEET NO. 4 OF 15 SHEETS | STA. 115+00.00 TO STA. 120+00.00 | CONTRACT NO. 63432 |                          |               |                    |                 |
|                                       | PLOT DATE = 3/11/2010       | DATE -        | REVISED - |   | ILLINOIS FED. AID PROJECT               |                          |                                  |                    |                          |               |                    |                 |

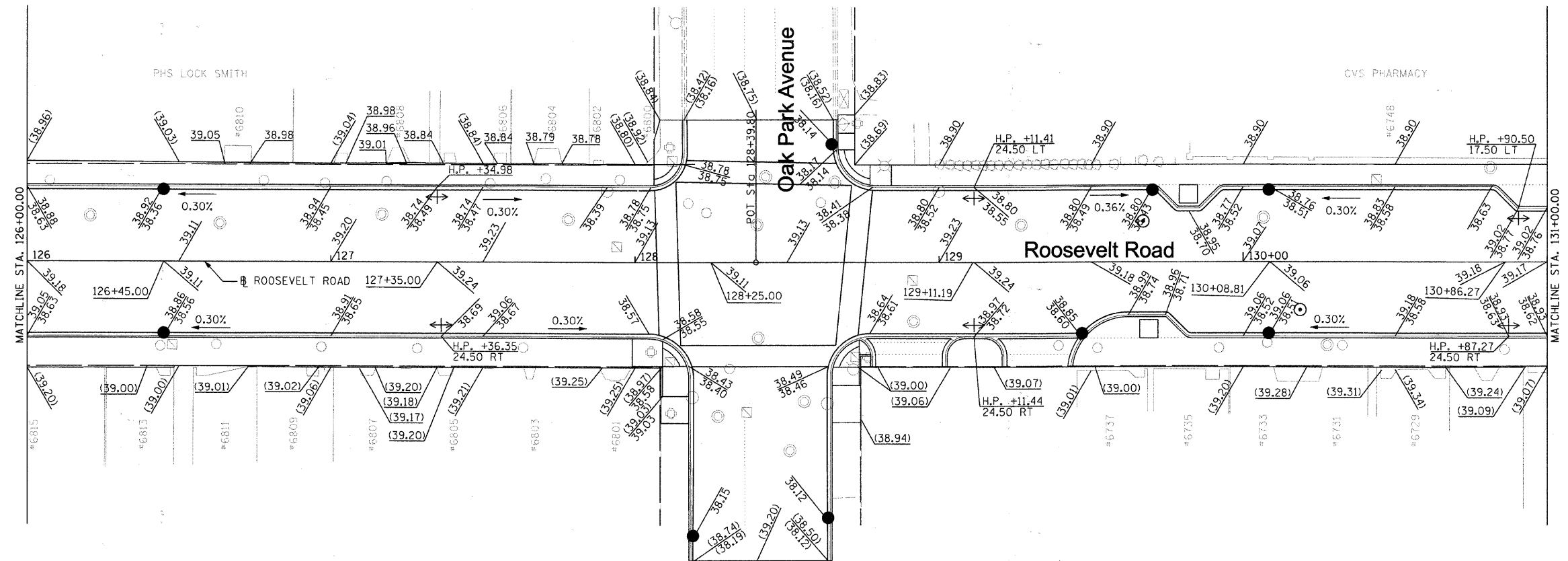
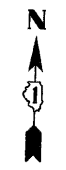


PROPOSED ELEVATIONS

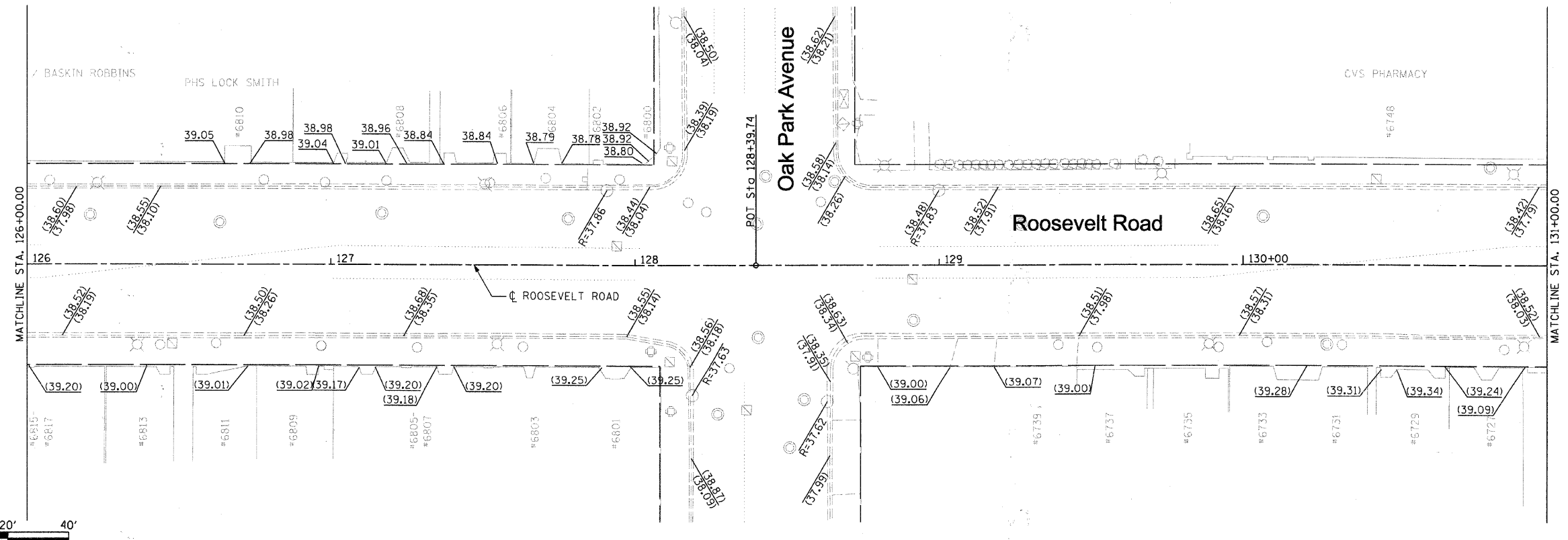


EXISTING ELEVATIONS

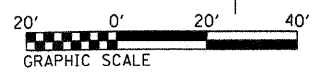
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|------------------------------------|-----------------------------|---------------|-----------|---|---|--------------------------|----------------------------------|--------------------|------------------------|-------------|------------------|---------------|
| FILE NAME = DIRTE38-shu-elev05.dgn | USER NAME = T00T            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> |                          |                                  | F.A.P. RTE. 347    | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 142 |
|                                    | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   | SCALE: 1" = 20'                         | SHEET NO. 5 OF 15 SHEETS | STA. 120+00.00 TO STA. 126+00.00 | CONTRACT NO. 63432 |                        |             |                  |               |
| PLOT DATE = 3/11/2010              | DATE -                      | REVISED -     | REVISED - |   | ILLINOIS FED. AID PROJECT               |                          |                                  |                    |                        |             |                  |               |



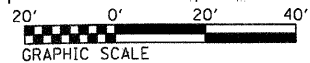
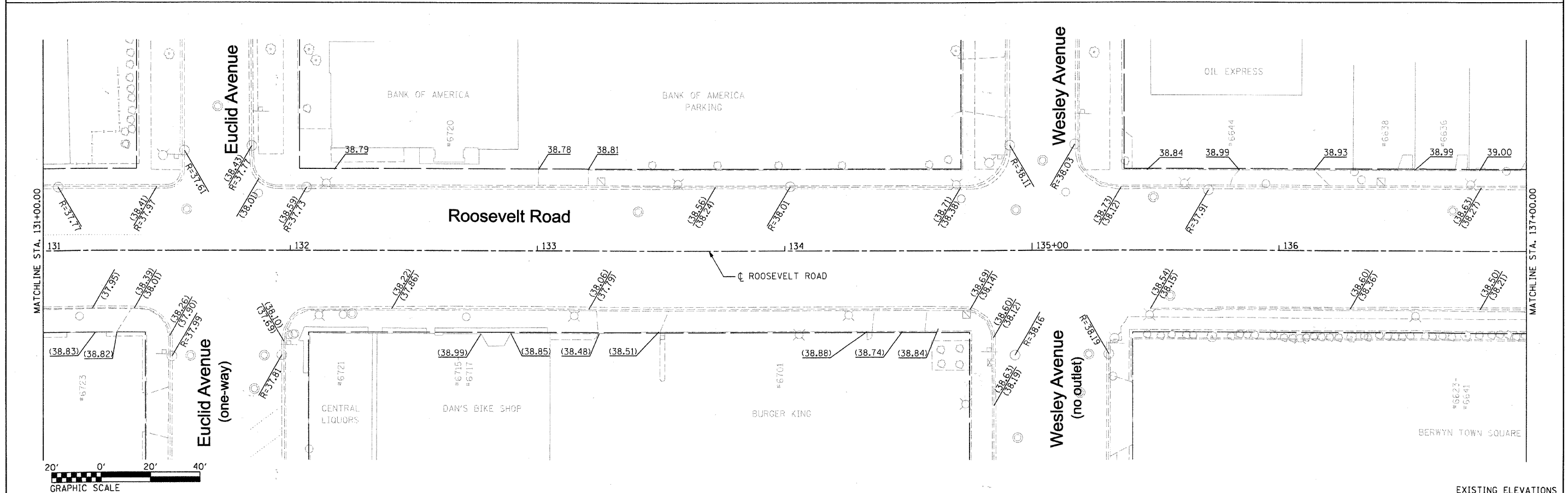
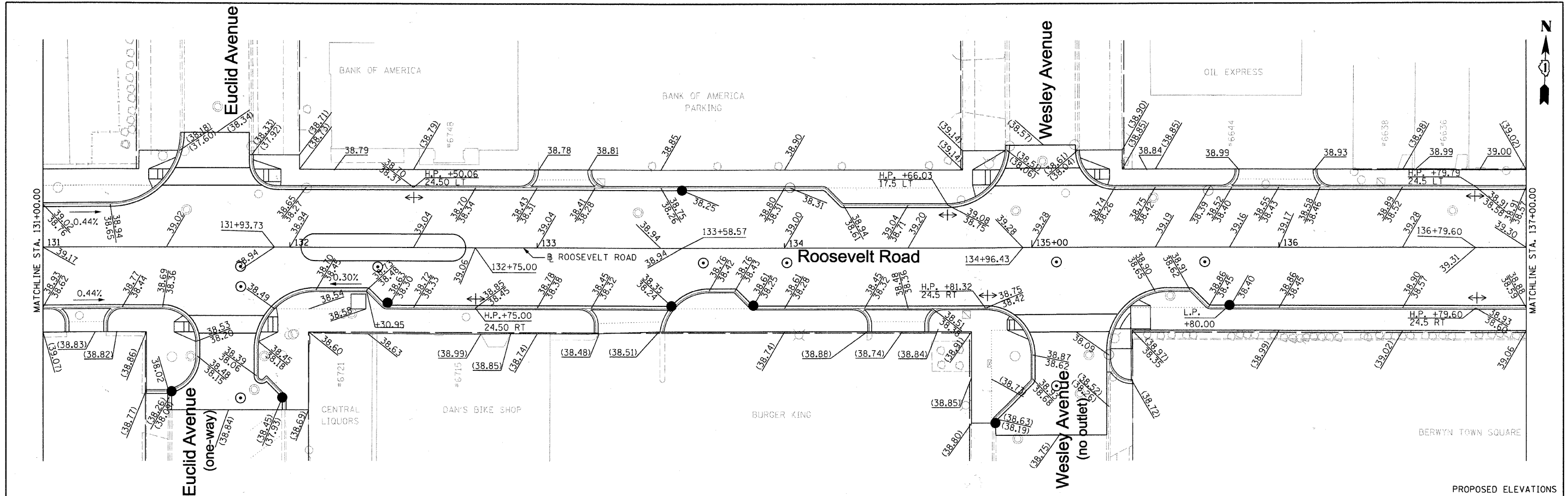
PROPOSED ELEVATIONS



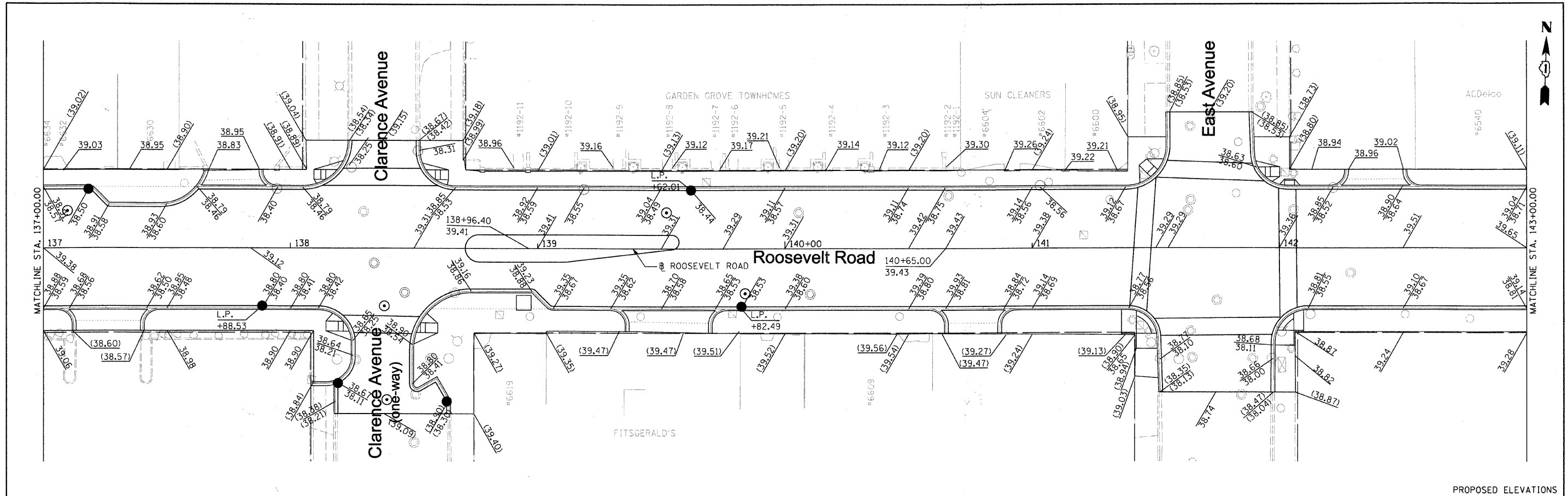
EXISTING ELEVATIONS



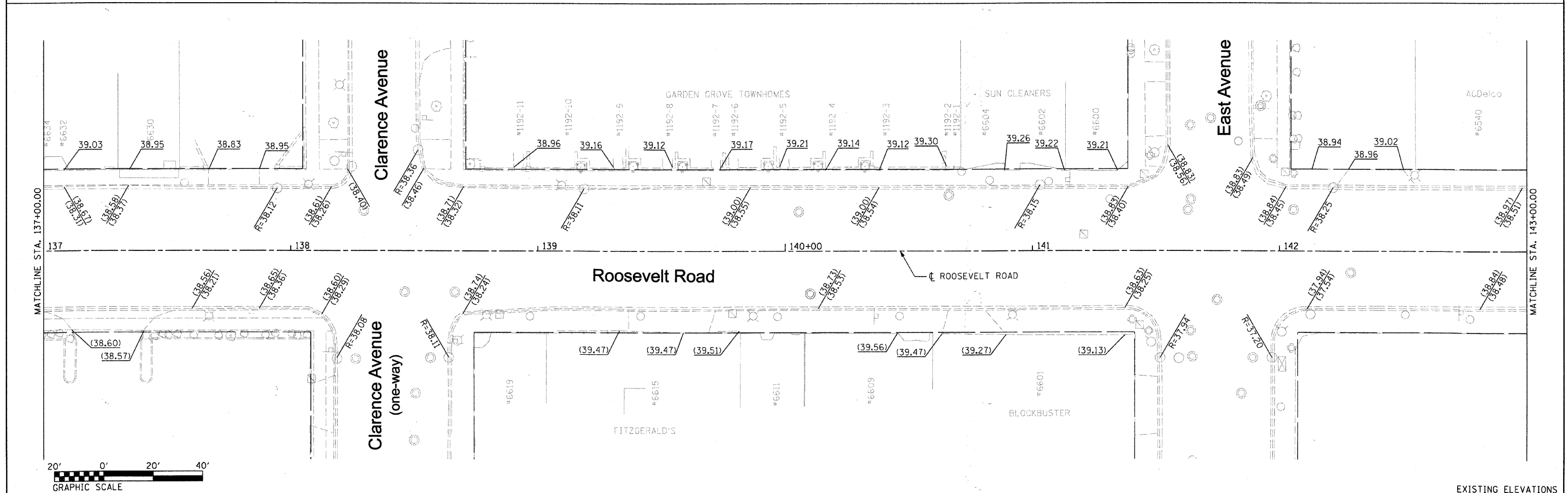
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| FILE NAME =<br>D:\RT238-aht-elev06.dgn | USER NAME = 1001            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-R5   | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 143 |  |  |
|  | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   |   | SCALE: 1" = 20'           | SHEET NO. 6 OF 15 SHEETS | STA. 126+00.00 TO STA. 131+00.00 | CONTRACT NO. 63432 |               |  |  |
|  | PLOT DATE = 3/11/2018       | DATE          | REVISED - |   |   | ILLINOIS FED. AID PROJECT |                          |                                  |                    |               |  |  |
|  |                             |               |           |   |   |                           |                          |                                  |                    |               |  |  |



|                                   |                               |               |           |   |   |                           |                          |                                  |                    |                    |  |
|-----------------------------------|-------------------------------|---------------|-----------|---|---|---------------------------|--------------------------|----------------------------------|--------------------|--------------------|--|
| FILE NAME = DIRTE38-shr-elv07.dgn | USER NAME = IOOT              | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> | F.A.P. R.T.E. = 347       | SECTION = 09-00248-00-RS | COUNTY = COOK                    | TOTAL SHEETS = 274 | SHEET NO. = 144    |  |
|                                   | PLDT SCALE = 22.00000 "/> IN. | CHECKED - JB  | REVISED - |   |   | SCALE: 1" = 20'           | SHEET NO. 7 OF 15 SHEETS | STA. 131+00.00 TO STA. 137+00.00 |                    | CONTRACT NO. 63432 |  |
|                                   | PLDT DATE = 3/11/2018         | DATE -        | REVISED - |   |   | ILLINOIS FED. AID PROJECT |                          |                                  |                    |                    |  |
| EXISTING ELEVATIONS               |                               |               |           |   |   |                           |                          |                                  |                    |                    |  |

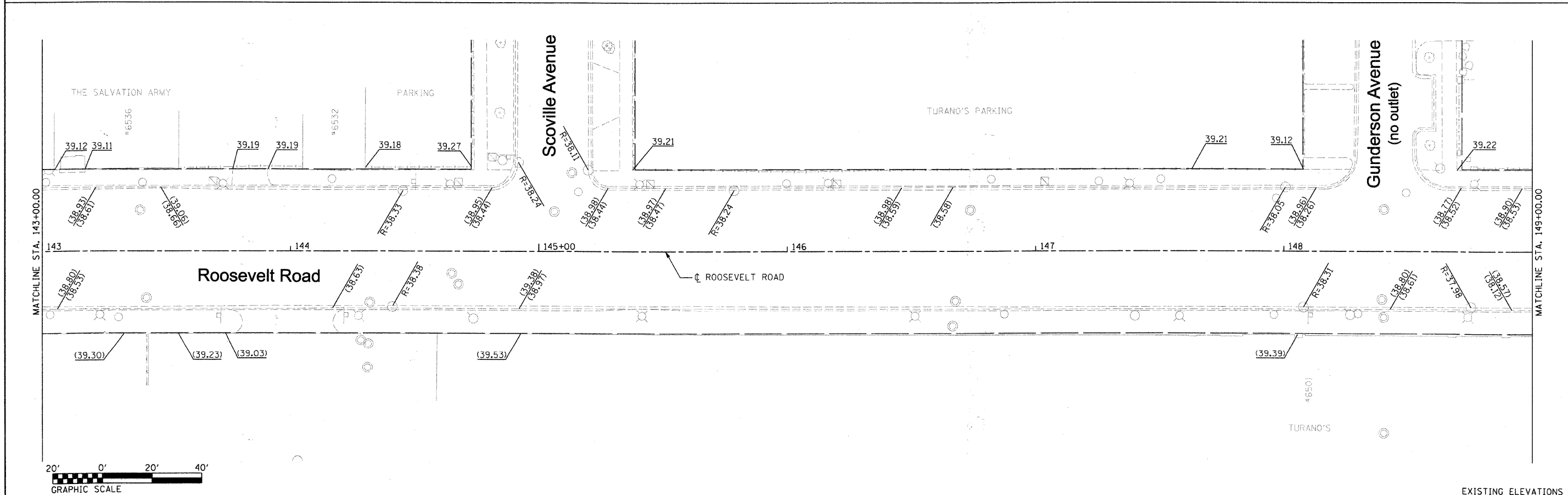
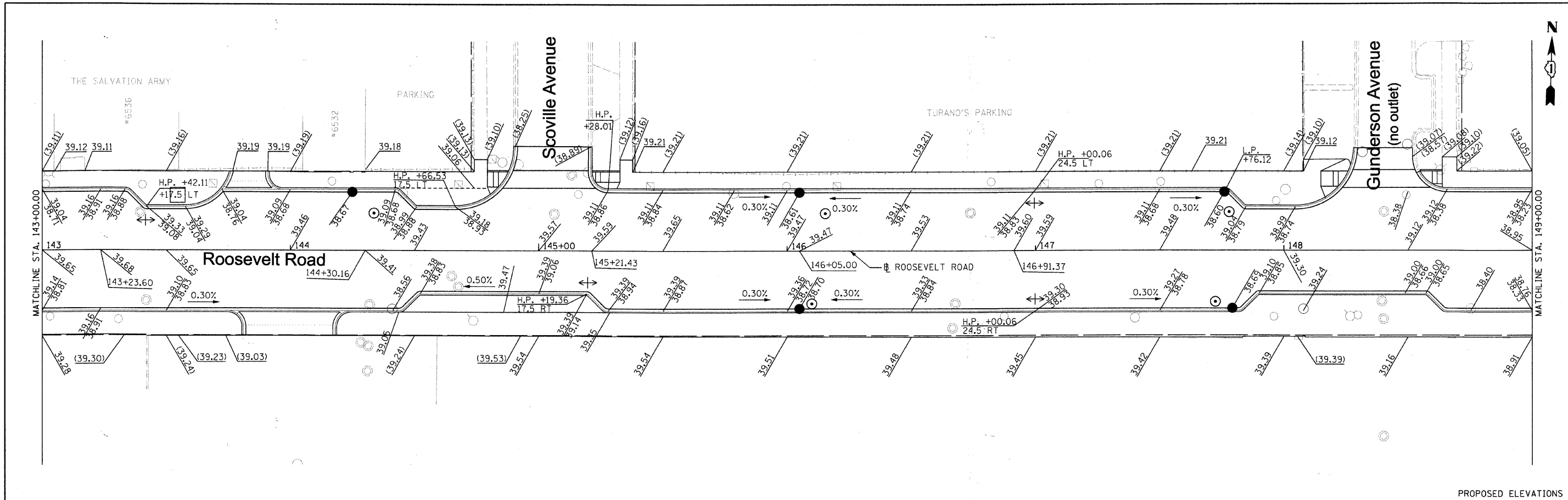


PROPOSED ELEVATIONS

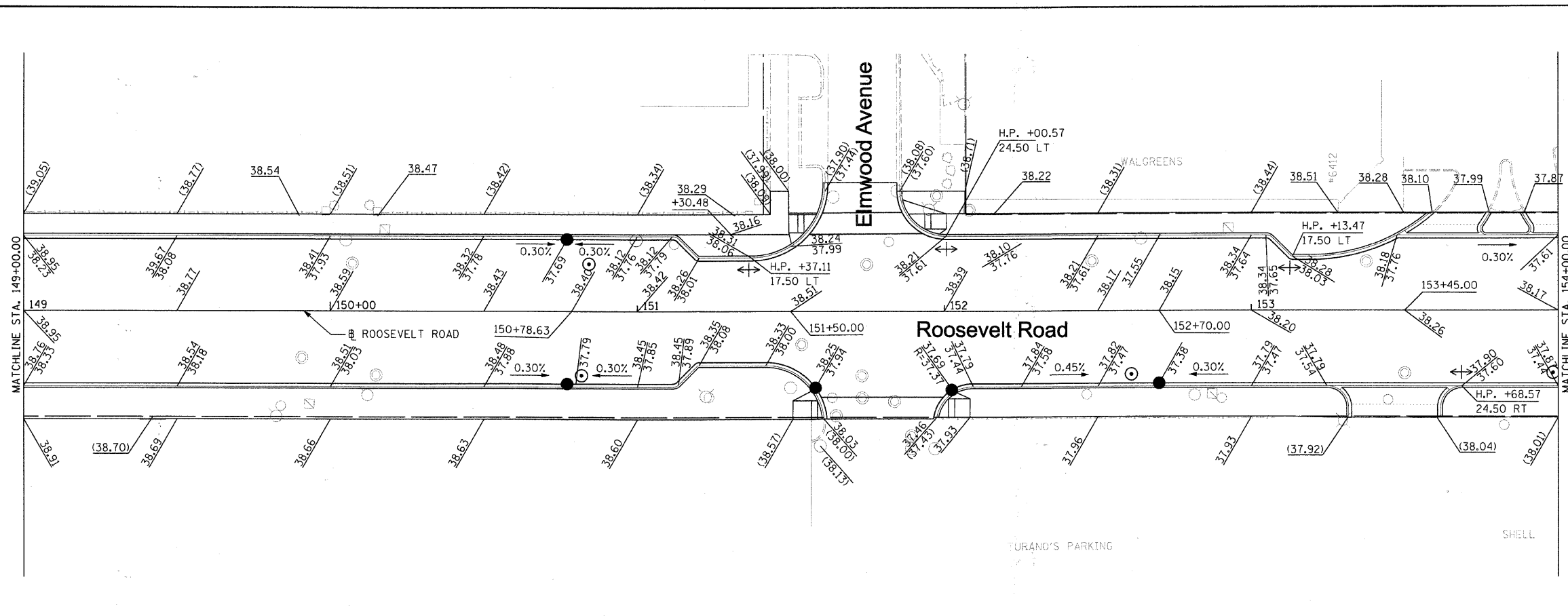


EXISTING ELEVATIONS

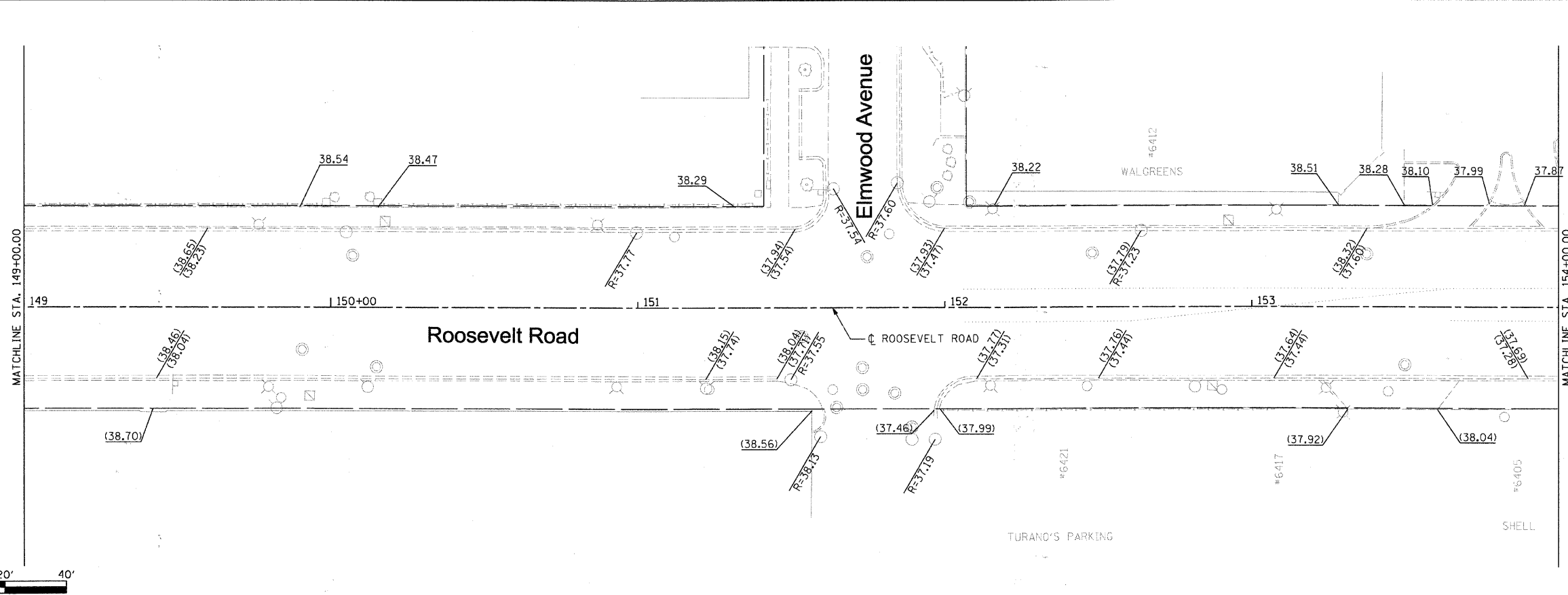
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|--|---|--|---|---|--|--|
| FILE NAME = DIRTE38-shs-elev08.dgn<br>USER NAME = ID01<br>PLOT SCALE = 28.00' / IN.<br>PLOT DATE = 3/11/2010 | DESIGNED - BB<br>DRAWN - RP<br>CHECKED - JB<br>DATE -                           | REVISED -<br>REVISED -<br>REVISED -<br>REVISED - | <b>STATE OF ILLINOIS</b><br><b>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> |  | F.A.P. RTE. 347<br>SECTION 09-00248-00-RS<br>COUNTY COOK<br>TOTAL SHEETS 274<br>SHEET NO. 145<br>CONTRACT NO. 63432<br>ILLINOIS FED. AID PROJECT |
|  | SCALE: 1" = 20'    SHEET NO. 8 OF 15 SHEETS    STA. 137+00.00 TO STA. 143+00.00 |  |   |   |  |  |



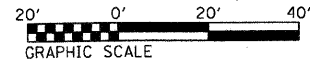
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| FILE NAME =<br>DIRTE38-shr-elev09.dgn | USER NAME = ID01            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> |  |  | F.A.P.<br>RTE.<br>347 | SECTION<br>09-00248-00-RS | COUNTY<br>COOK                   | TOTAL SHEETS<br>274 | SHEET NO.<br>146 |
|                                       | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   |   |  |  | SCALE: 1" = 20'       | SHEET NO. 9 OF 15 SHEETS  | STA. 143+00.00 TO STA. 149+00.00 | CONTRACT NO. 63432  |                  |
| PLOT DATE = 3/11/2010                 | DATE -                      | REVISED -     | REVISED - |   |   |  |  |                       |                           |                                  |                     |                  |



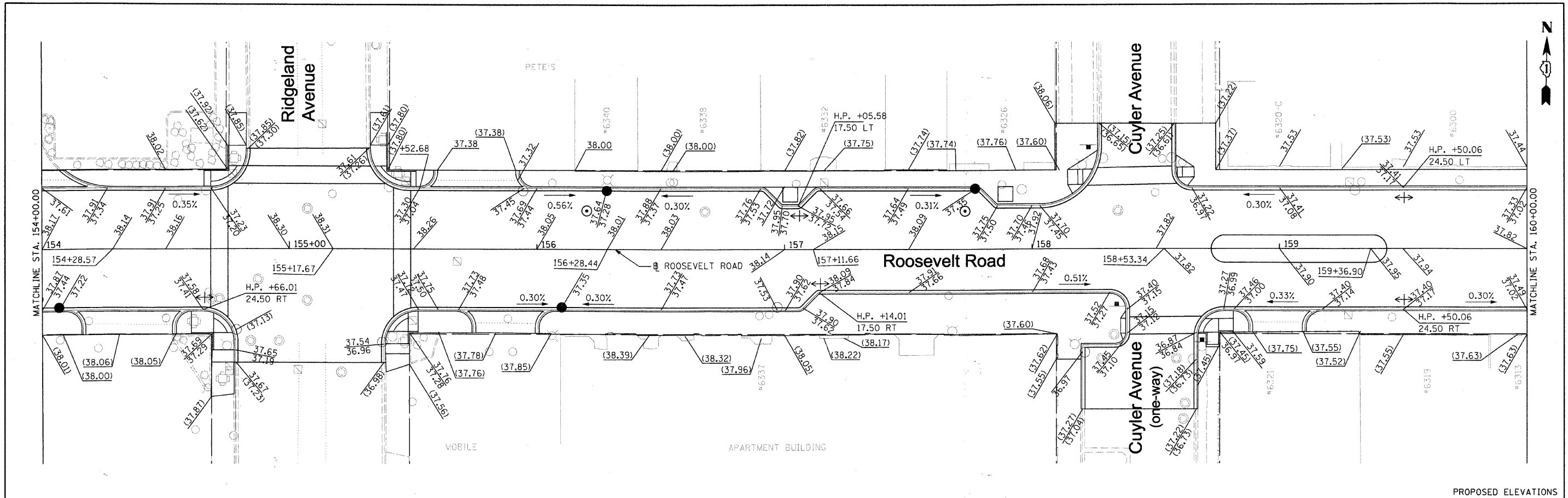
PROPOSED ELEVATIONS



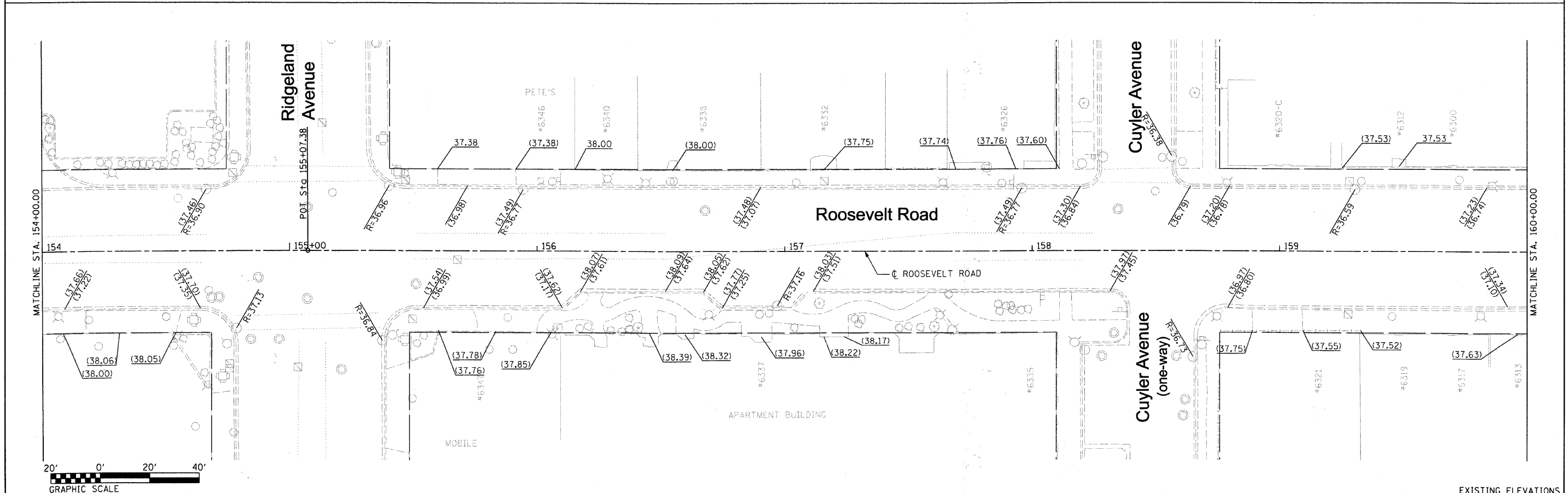
EXISTING ELEVATIONS



|                                   |                             |               |           |   |   |  |  |  |                          |               |                    |                    |  |
|-----------------------------------|-----------------------------|---------------|-----------|---|---|--|--|--|--------------------------|---------------|--------------------|--------------------|--|
| FILE NAME = DIRTE38-shs-elev1.dgn | USER NAME = 1001            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> |  |  | F.A.P. RTE. = 347  | SECTION = 09-00248-00-RS | COUNTY = COOK | TOTAL SHEETS = 274 | SHEET NO. = 147    |  |
|                                   | PLOT SCALE = 28.0000" / IN. | CHECKED - JB  | REVISED - |   |   |  |  | SCALE: 1" = 20' SHEET NO. 10 OF 15 SHEETS STA. 149+00.00 TO STA. 154+00.00 |                          |               |                    | CONTRACT NO. 63432 |  |
|                                   | PLOT DATE = 3/11/2010       | DATE -        | REVISED - |   |   |  |  | ILLINOIS FED. AID PROJECT  |                          |               |                    |                    |  |



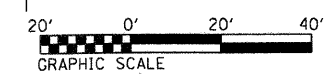
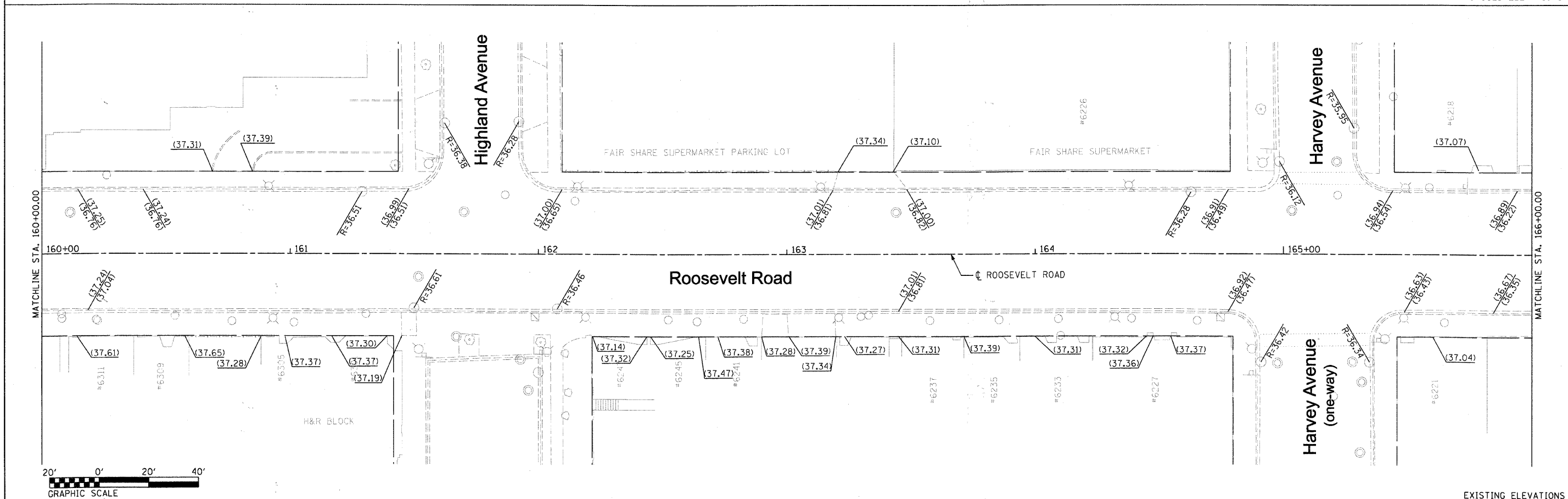
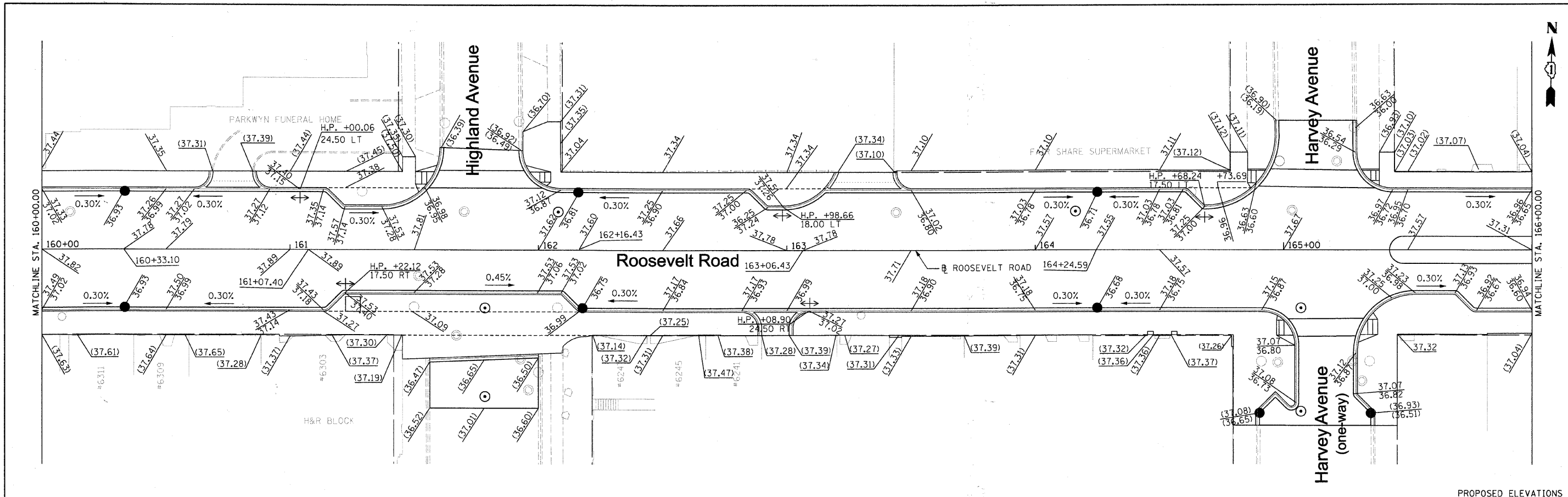
PROPOSED ELEVATIONS



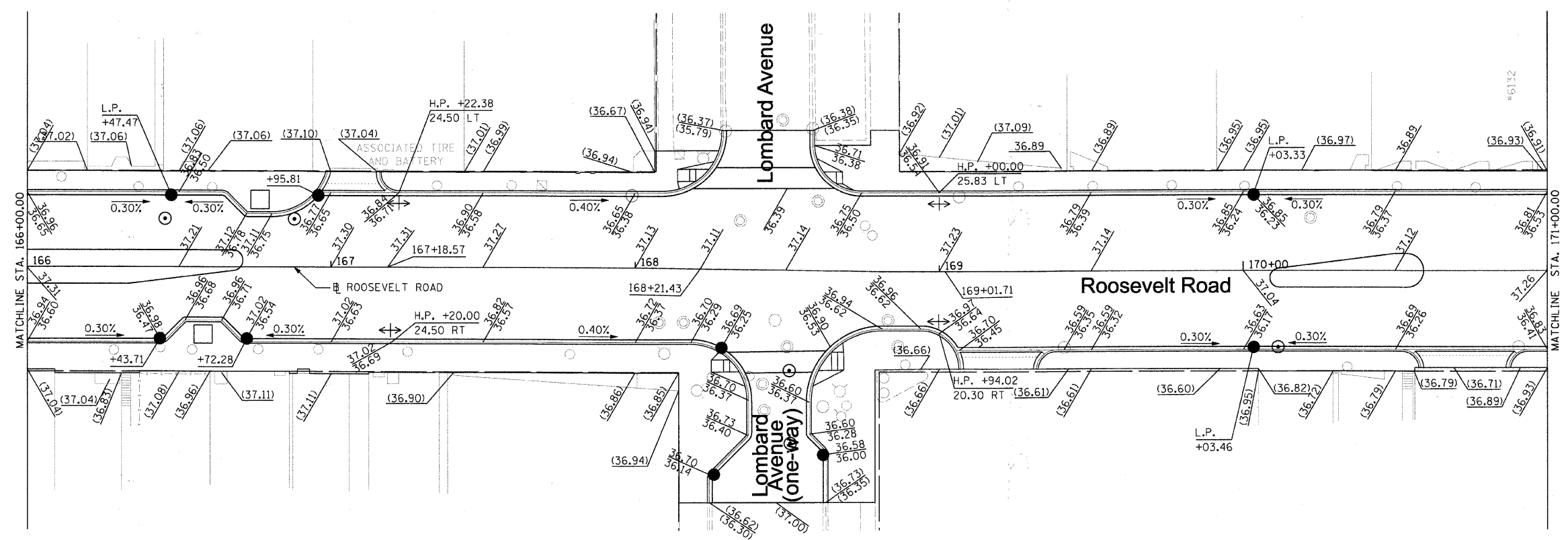
EXISTING ELEVATIONS

|                                   |                             |               |           |   |   |                           |                           |                                  |                    |               |  |  |
|-----------------------------------|-----------------------------|---------------|-----------|---|---|---------------------------|---------------------------|----------------------------------|--------------------|---------------|--|--|
| FILE NAME = DIRTE38-shs-elev1.dgn | USER NAME = IDOT            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS    | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 148 |  |  |
|                                   | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   |   | SCALE: 1" = 20'           | SHEET NO. 11 OF 15 SHEETS | STA. 154+00.00 TO STA. 160+00.00 | CONTRACT NO. 63432 |               |  |  |
|                                   | PLOT DATE = 3/11/2010       | DATE -        | REVISED - |   |   | ILLINOIS FED. AID PROJECT |                           |                                  |                    |               |  |  |
|                                   |                             |               |           |   |   |                           |                           |                                  |                    |               |  |  |

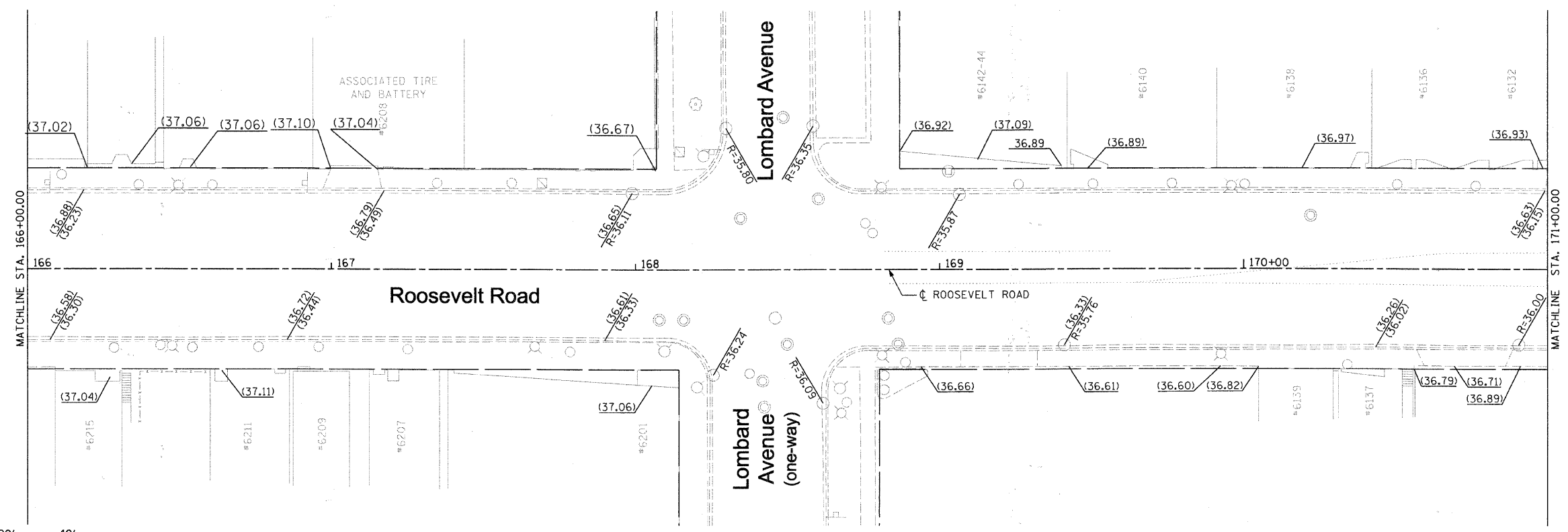




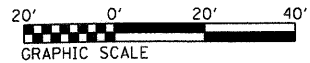
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| FILE NAME =<br>DIRTE38-ant-elev12.dgn | USER NAME = IDJT | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b>                                    |                        |             | <b>EXISTING ELEVATIONS</b> |               |
|                                       |                  | DRAWN - RP    | REVISED - |   | F.A.P. RTE. 347  | SECTION 09-00248-00-R5 | COUNTY COOK | TOTAL SHEETS 274           | SHEET NO. 149 |
|                                       |                  | CHECKED - JB  | REVISED - |   | SCALE: 1" = 20' SHEET NO. 12 OF 15 SHEETS STA. 160+00.00 TO STA. 166+00.00 |                        |             | CONTRACT NO. 63432         |               |
|                                       |                  | DATE -        | REVISED - |   | ILLINOIS FED. AID PROJECT  |                        |             |                            |               |



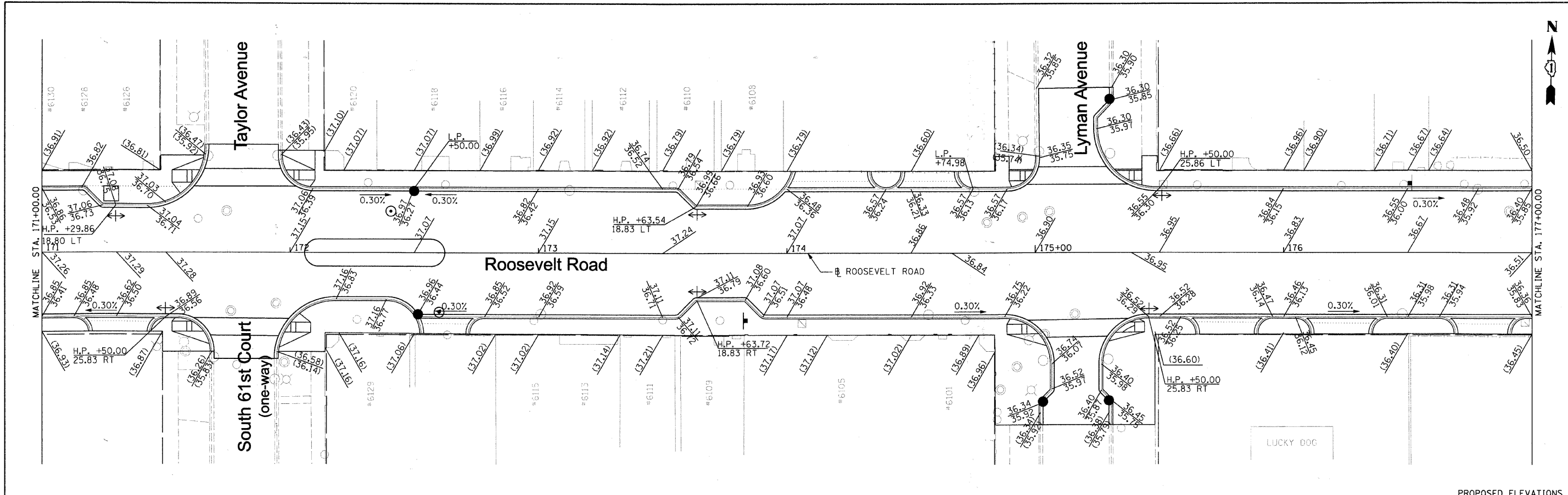
PROPOSED ELEVATIONS



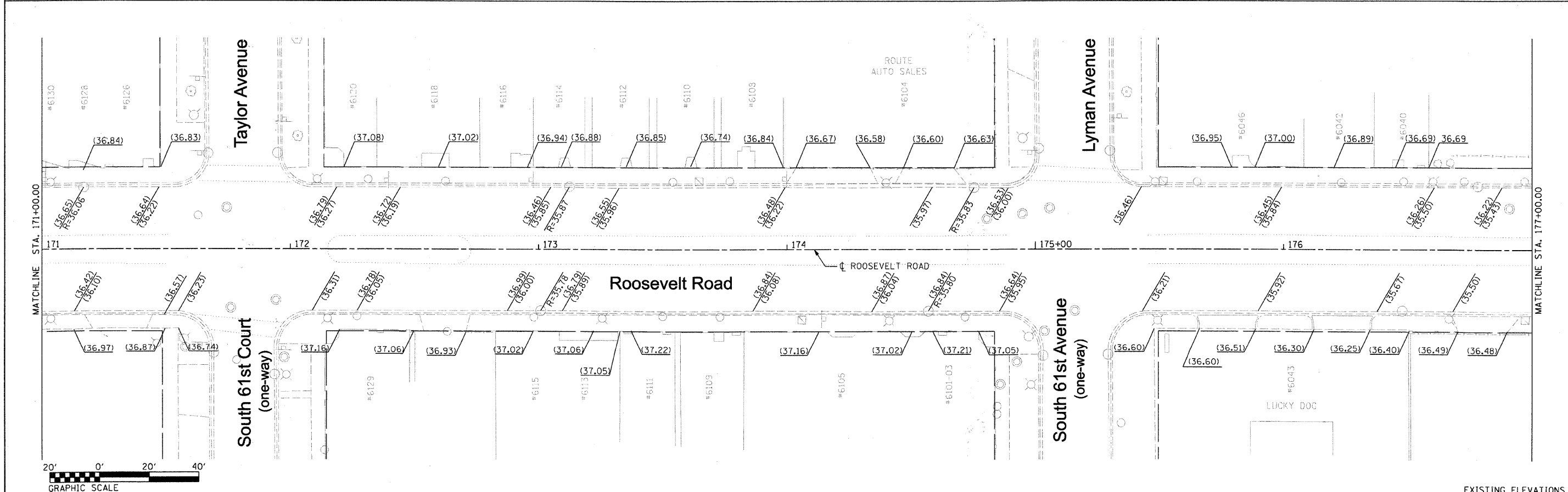
EXISTING ELEVATIONS



|                                   |  |               |           |   |   |                           |                                  |                    |                        |                           |                  |               |
|-----------------------------------|--|---------------|-----------|---|---|---------------------------|----------------------------------|--------------------|------------------------|---------------------------|------------------|---------------|
| FILE NAME = DIRTE38-sht-elev3.dgn | USER NAME = 1001   | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> |                           |                                  | F.A.P. RTE. 347    | SECTION 09-00248-00-RS | COUNTY COOK               | TOTAL SHEETS 274 | SHEET NO. 150 |
|                                   | PLOT SCALE = 20.0000 "/> <td>CHECKED - JB</td> <td>REVISED -</td> <td>SCALE: 1" = 20'</td> <td>SHEET NO. 13 OF 15 SHEETS</td> <td>STA. 166+00.00 TO STA. 171+00.00</td> <td colspan="2" style="text-align: center;">CONTRACT NO. 63432</td> <td colspan="2" style="text-align: center;">ILLINOIS FED. AID PROJECT</td> | CHECKED - JB  | REVISED - |   | SCALE: 1" = 20'                         | SHEET NO. 13 OF 15 SHEETS | STA. 166+00.00 TO STA. 171+00.00 | CONTRACT NO. 63432 |                        | ILLINOIS FED. AID PROJECT |                  |               |

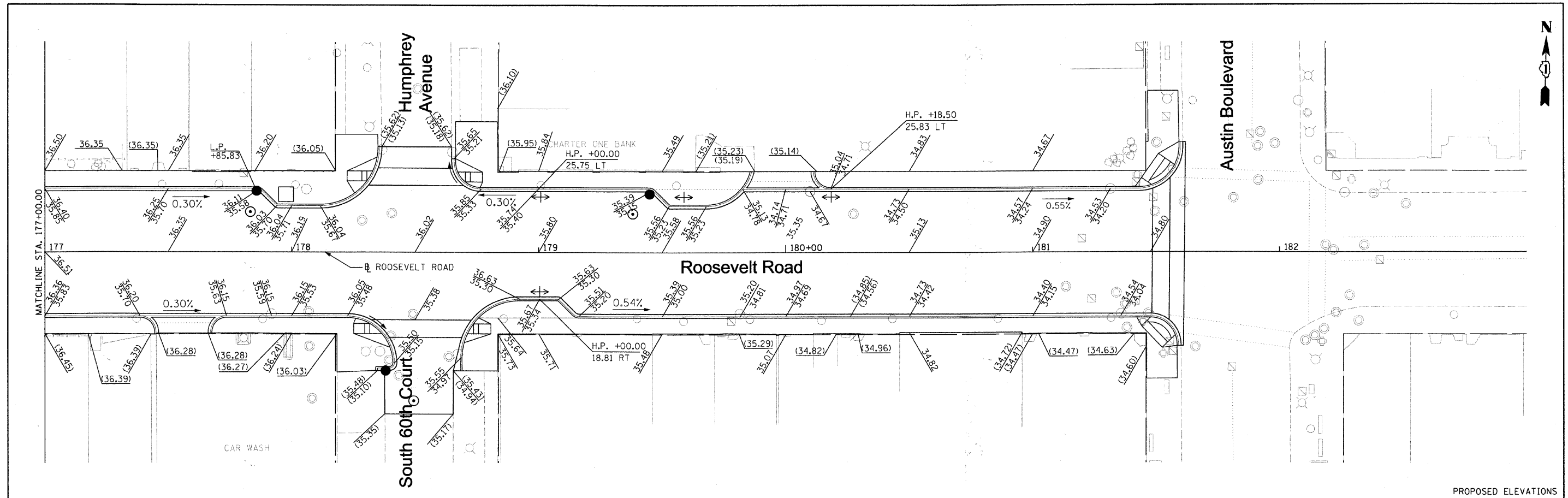


PROPOSED ELEVATIONS

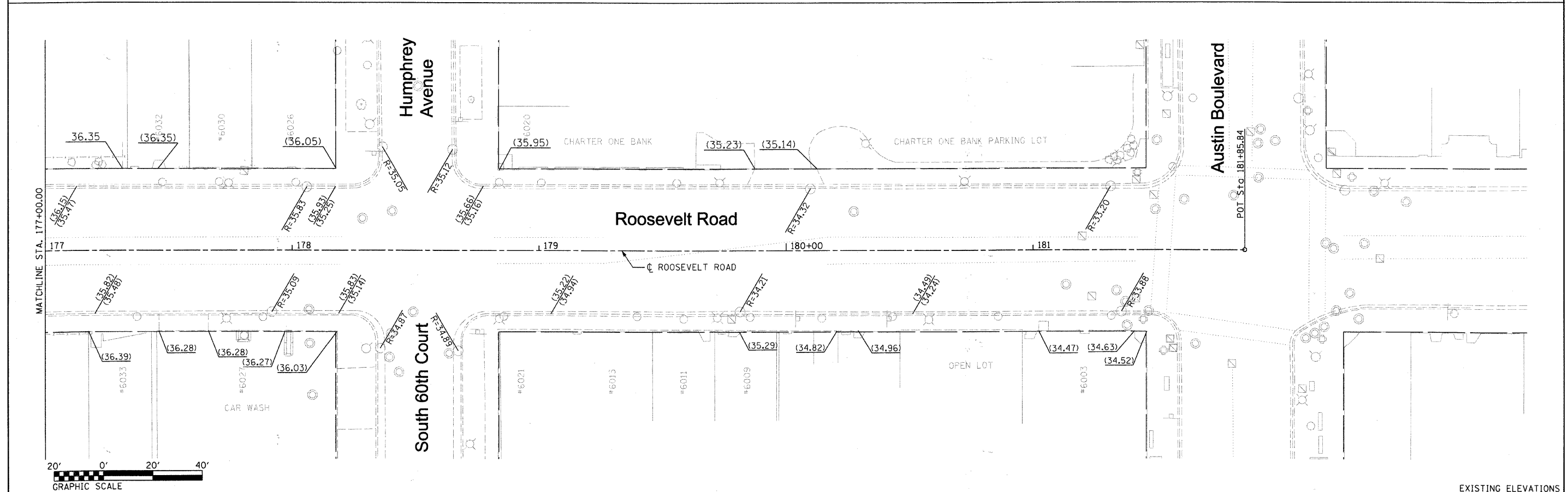


EXISTING ELEVATIONS

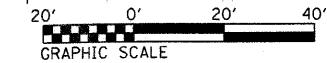
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|-----------------------------------|--------------------------|---------------|-----------|---|---|-----------------|------------------------|-------------|------------------|---------------|
| FILE NAME = DIRTE38-shr-lev14.dgn | USER NAME = IDDT         | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> | F.A.P. RTE. 347 | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 151 |
|                                   | PLOT SCALE = 28.0000 "/> |               |           |   |   |                 |                        |             |                  |               |



PROPOSED ELEVATIONS



EXISTING ELEVATIONS



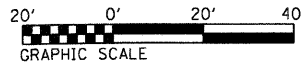
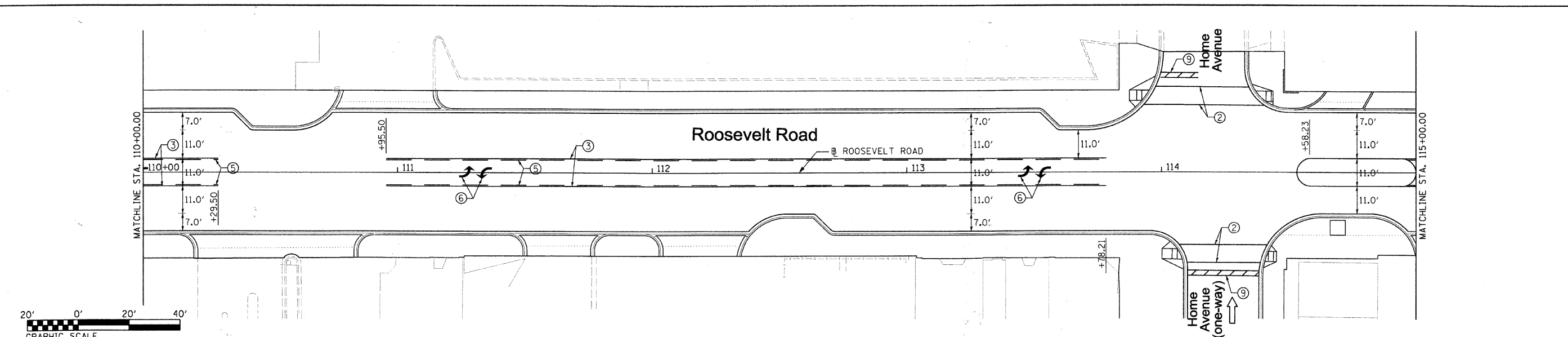
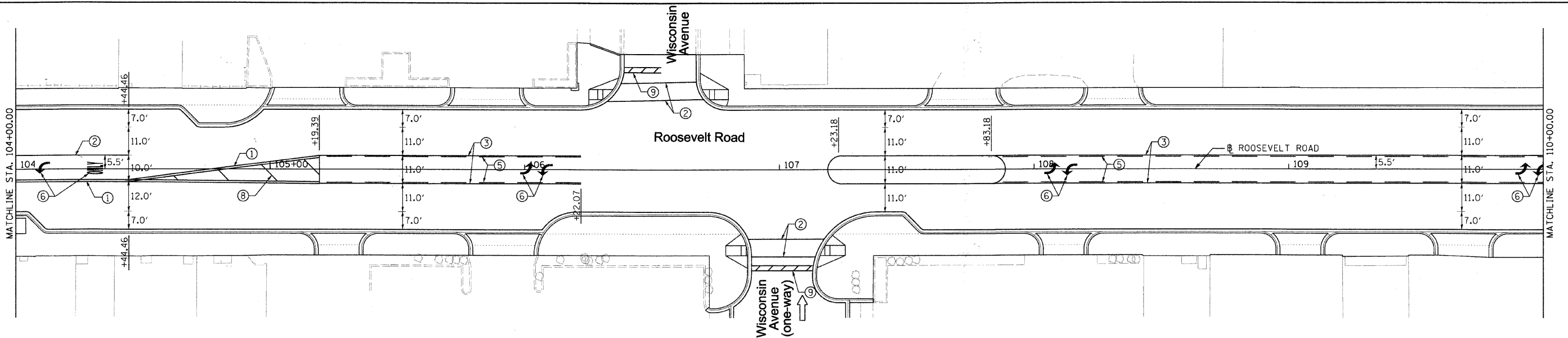
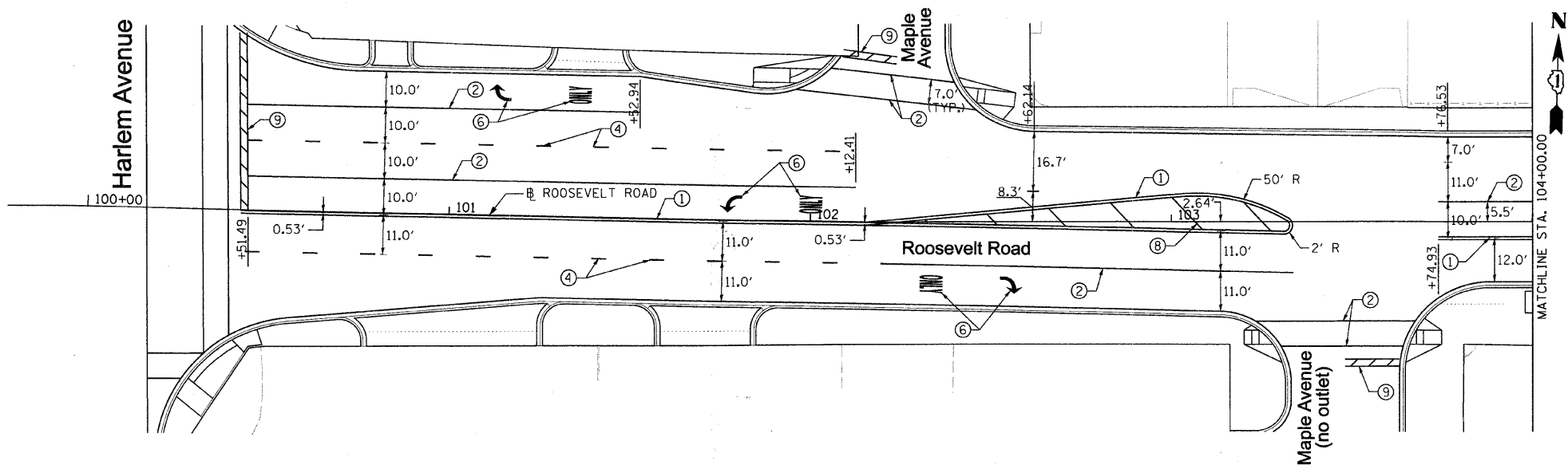
|                                    |                             |               |           |   |   |                           |                                  |                     |                        |             |                  |
|------------------------------------|-----------------------------|---------------|-----------|---|---|---------------------------|----------------------------------|---------------------|------------------------|-------------|------------------|
| FILE NAME = DIRTE38:sh:el:el:5.dgn | USER NAME = T00T            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PROPOSED AND EXISTING ELEVATIONS</b> |                           |                                  | EXISTING ELEVATIONS |                        |             |                  |
|                                    | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   | SCALE: 1" = 20'                         | SHEET NO. 15 OF 15 SHEETS | STA. 177+00.00 TO STA. 181+85.84 | F.A.P. RTE. 347     | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 |
| PLOT DATE = 3/11/2010              | DATE -                      | REVISED -     | REVISED - | CONTRACT NO. 63432<br>ILLINOIS FED. AID PROJECT           |   |                           |                                  |                     |                        |             |                  |

**PAVEMENT MARKING LEGEND**

- ① 2-4" THERMOPLASTIC YELLOW SOLID LINES @ 11" C-C
- ② 6" THERMOPLASTIC WHITE SOLID LINE
- ③ 4" THERMOPLASTIC YELLOW SOLID LINE
- ④ 4" THERMOPLASTIC WHITE SKIP DASH LINE (10' DASH, 30' SKIP)
- ⑤ 4" THERMOPLASTIC YELLOW SKIP DASH LINE (10' DASH, 30' SKIP)
- ⑥ THERMOPLASTIC WHITE LETTERS AND SYMBOLS
- ⑦ 12" THERMOPLASTIC WHITE SOLID LINE
- ⑧ 12" THERMOPLASTIC YELLOW SOLID LINE
- ⑨ 24" THERMOPLASTIC WHITE SOLID LINE

**PAVEMENT MARKING NOTES**

1. FOR PAVEMENT MARKING DETAILS, SEE SPECIAL DETAIL SHEET FOR "DISTRICT ONE TYPICAL PAVEMENT MARKINGS."
2. FOR DETAILS AND SYMBOLS OF RAISED REFLECTIVE PAVEMENT MARKERS, SEE SPECIAL DETAIL FOR "TYPICAL APPLICATION OF DUAL DIRECTIONAL SNOWPLOWABLE RAISED PAVEMENT MARKERS." DOUBLE LANE LINE MARKERS WILL BE USED.
3. THE PAVEMENT MARKING FOR THE DECORATIVE CROSSWALKS SHALL BE PLACED IMMEDIATELY ADJACENT TO THE CROSSWALK ON THE HMA PAVEMENT.



FILE NAME = DIRTE38-shs-pnk01.dgn  
 USER NAME = 100T  
 PLOT SCALE = 20.0000' / IN.  
 PLOT DATE = 3/11/2018

DESIGNED - BB  
 DRAWN - TM  
 CHECKED - JB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

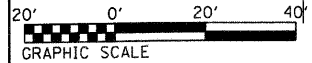
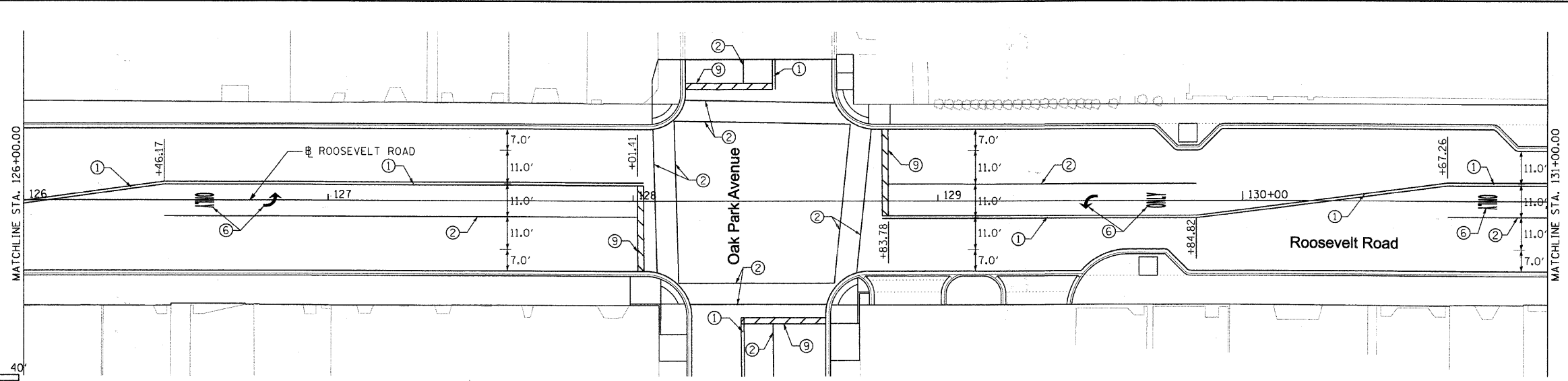
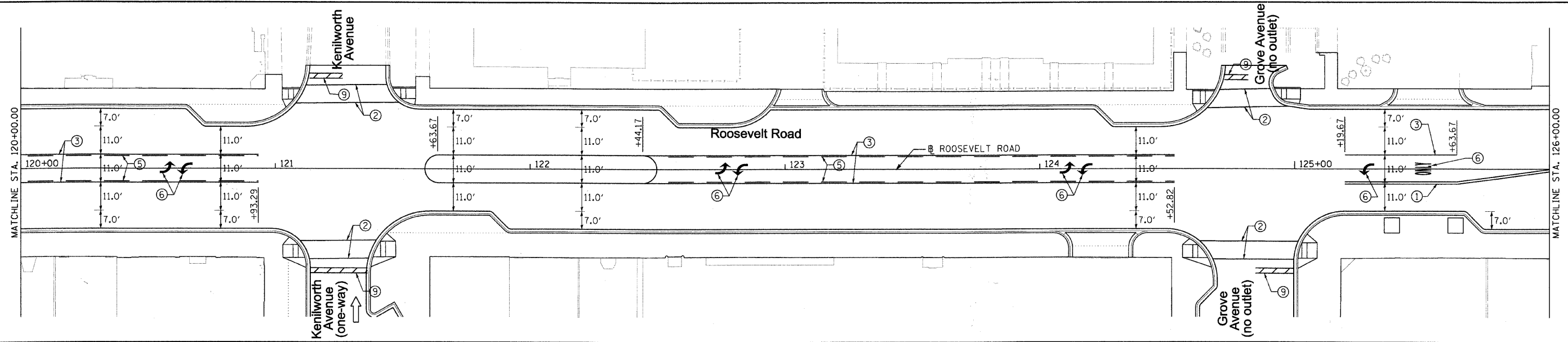
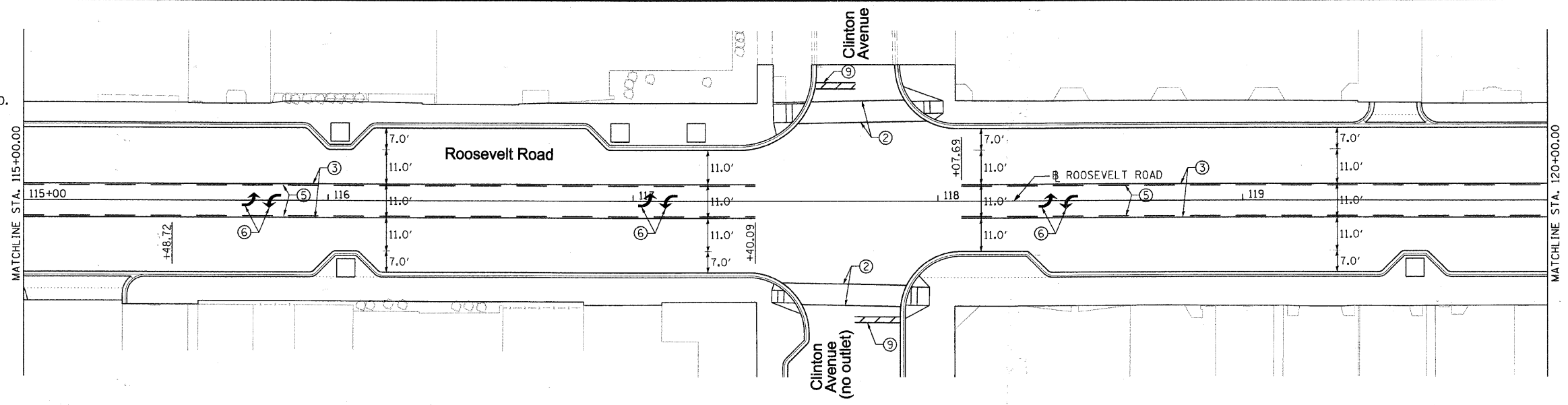
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN**

SCALE: 1" = 20' SHEET NO. 1 OF 5 SHEETS STA. 100+16.20 TO STA. 115+00.00

| F.A.P. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 347                       | 09-00248-00-RS | COOK   | 274          | 153       |
| CONTRACT NO. 63432        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

SEE SHEET #153 FOR LEGEND.



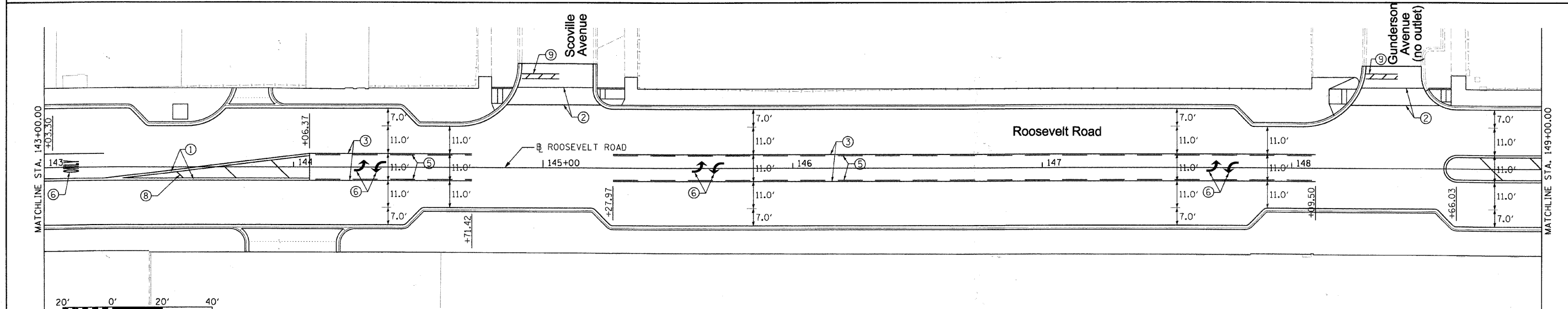
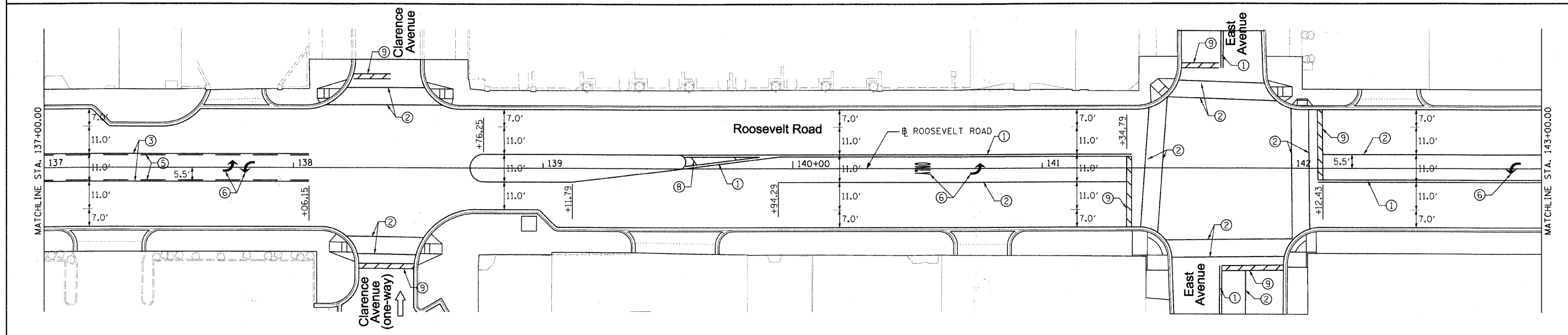
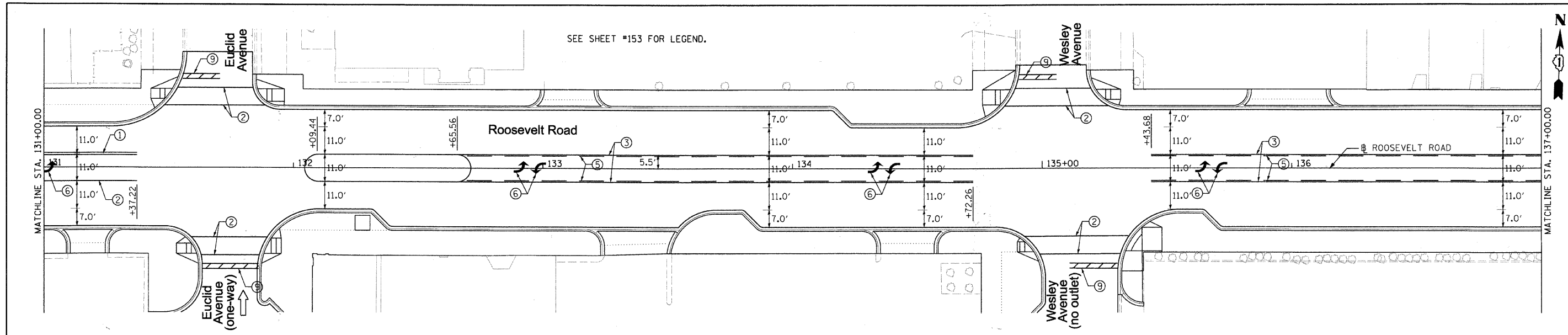
FILE NAME = DIRTE38-shr.pmk#2.dgn  
 USER NAME = 1001  
 PLOT SCALE = 20.0000 "/>

|               |          |
|---------------|----------|
| DESIGNED - BB | REVISD - |
| DRAWN - TM    | REVISD - |
| CHECKED - JB  | REVISD - |
| DATE          | REVISD - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN**  
 SCALE: 1" = 20' SHEET NO. 2 OF 5 SHEETS STA. 115+00.00 TO STA. 131+00.00

|                    |                        |             |                  |                           |
|--------------------|------------------------|-------------|------------------|---------------------------|
| F.A.P. RTE. 347    | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 154             |
| CONTRACT NO. 63432 |                        |             |                  | ILLINOIS FED. AID PROJECT |



FILE NAME =  
DIRTE38-shr-pmk03.dgn

USER NAME = IDOT  
PLOT SCALE = 20.0000' / IN.  
PLOT DATE = 3/11/2010

DESIGNED - BB  
DRAWN - TM  
CHECKED - JB  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

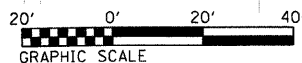
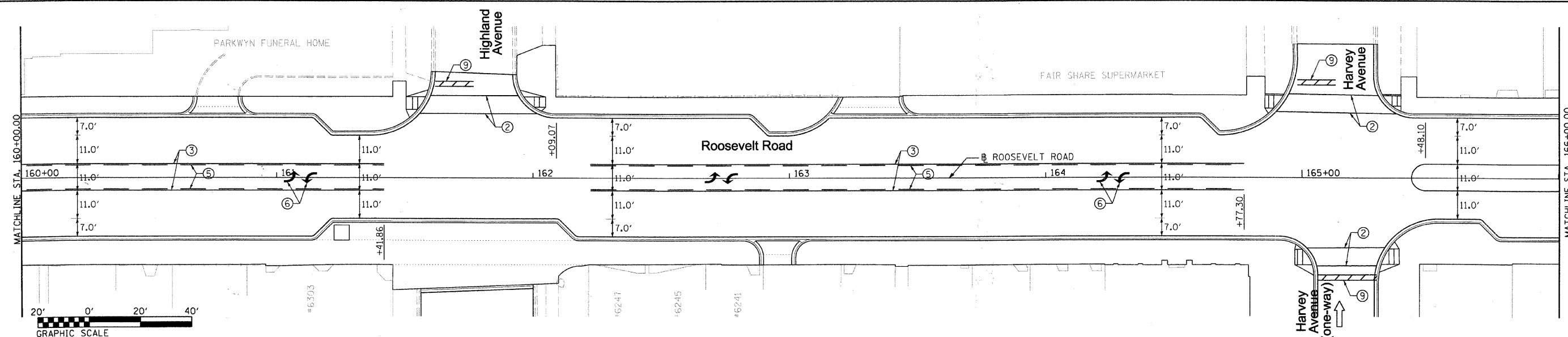
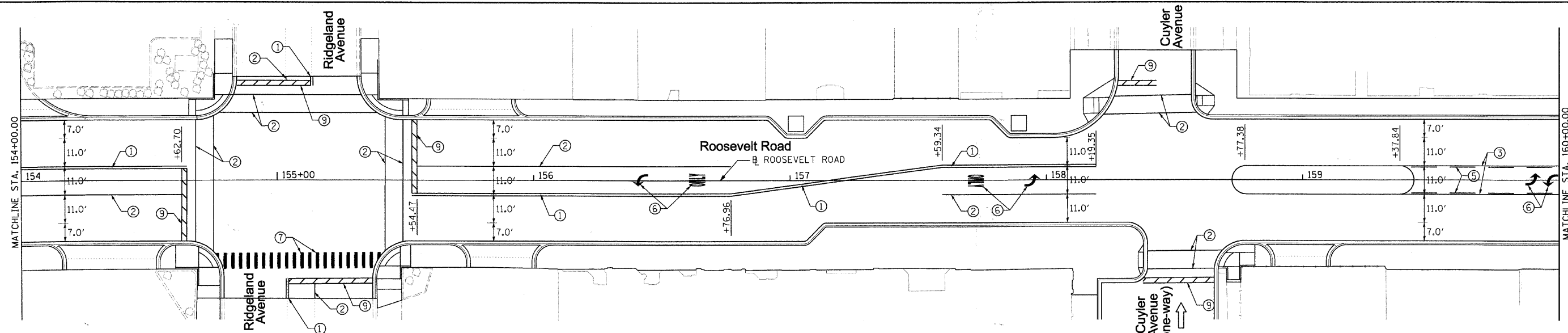
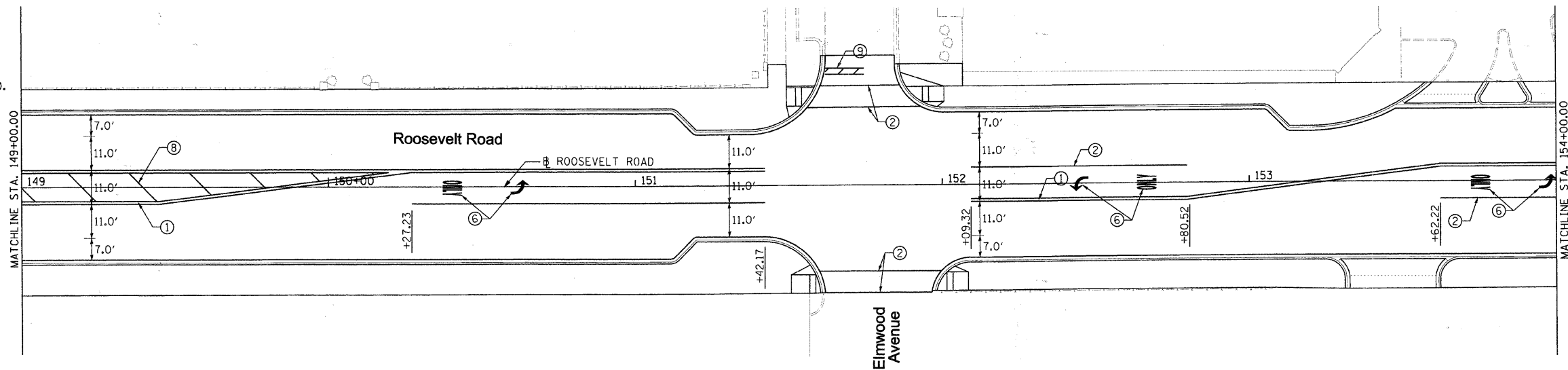
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: 1" = 20' SHEET NO. 3 OF 5 SHEETS STA. 131+00.00 TO STA. 149+00.00

| F.A.P. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO.          |
|---------------------------|----------------|--------|--------------|--------------------|
| 347                       | 09-00248-00-RS | COOK   | 274          | 155                |
|                           |                |        |              | CONTRACT NO. 63432 |
| ILLINOIS FED. AID PROJECT |                |        |              |                    |

SEE SHEET #153 FOR LEGEND.



FILE NAME = DIRTE3B-shr-pmk04.dgn

USER NAME = IDOT  
 PLOT SCALE = 20.0000' / IN.  
 PLOT DATE = 3/11/2010

|               |           |
|---------------|-----------|
| DESIGNED - BB | REVISED - |
| DRAWN - TM    | REVISED - |
| CHECKED - JB  | REVISED - |
| DATE -        | REVISED - |

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING PLAN**

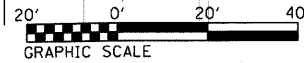
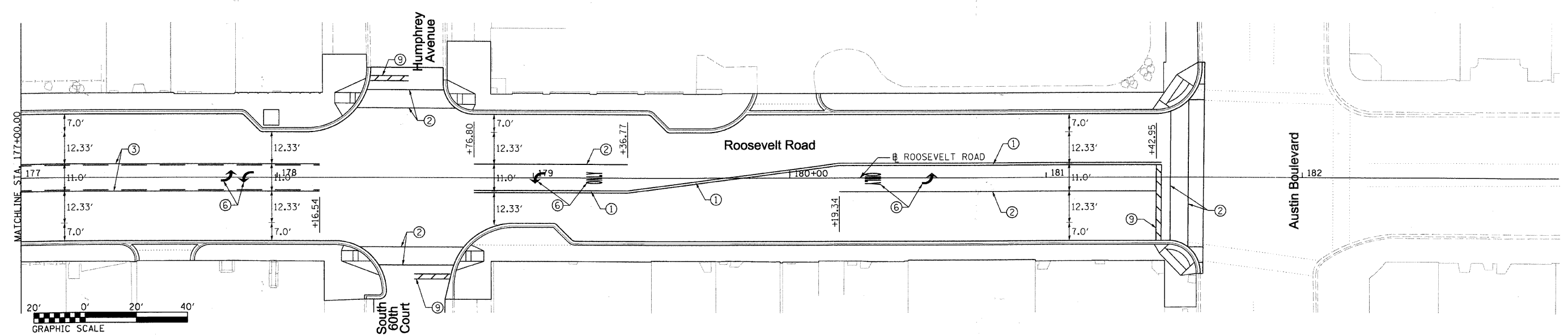
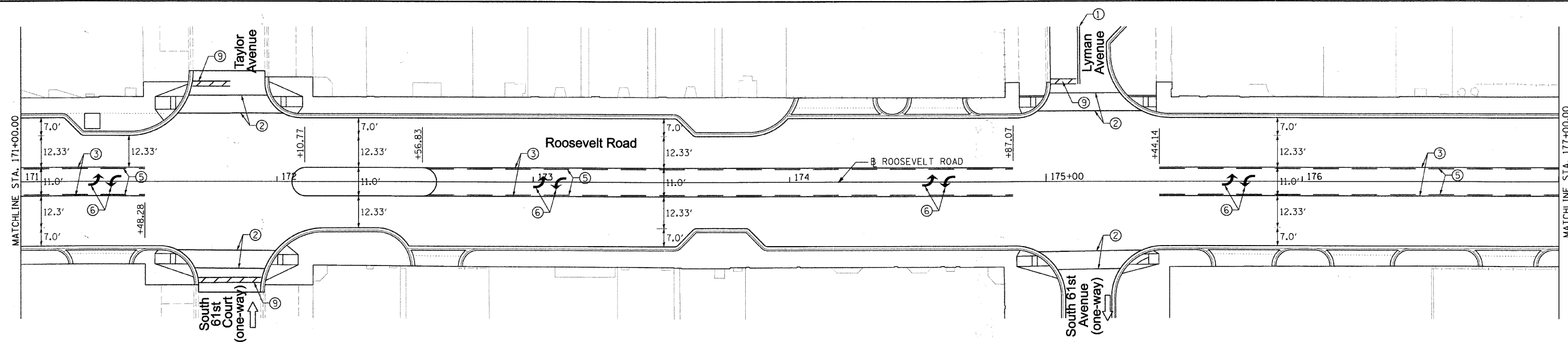
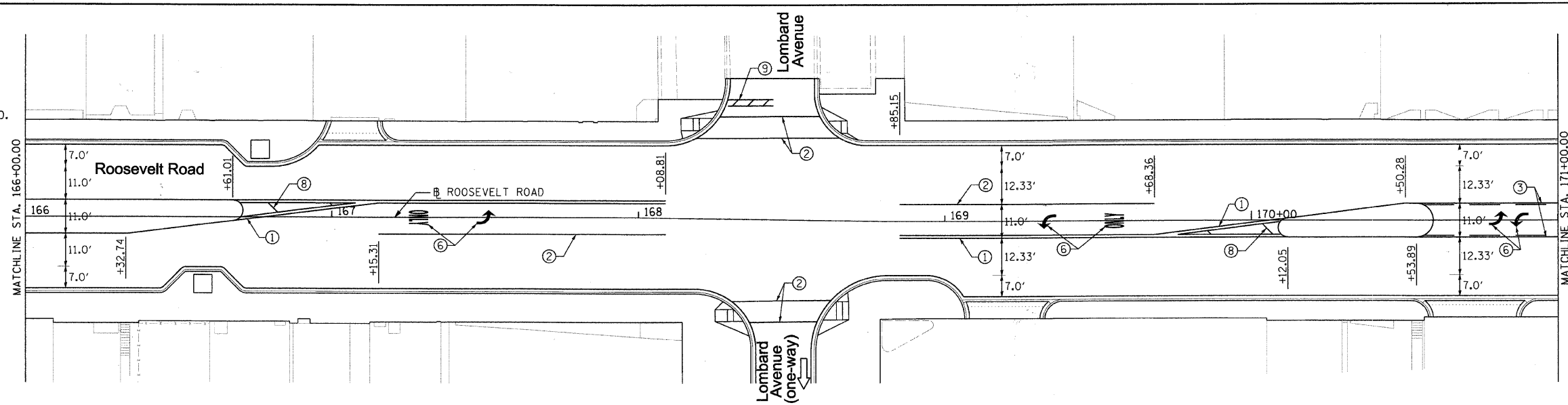
SCALE: 1" = 20' SHEET NO. 4 OF 5 SHEETS STA. 149+00.00 TO STA. 166+00.00

| F.A.P. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 347                       | 09-00248-00-RS | COOK   | 274          | 156       |
| CONTRACT NO. 63432        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |





SEE SHEET #153 FOR LEGEND.

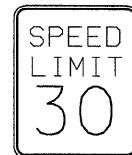


|                                   |                             |               |           |   |                              |                         |                                 |                          |               |                           |                 |  |
|-----------------------------------|-----------------------------|---------------|-----------|---|------------------------------|-------------------------|---------------------------------|--------------------------|---------------|---------------------------|-----------------|--|
| FILE NAME = DIRTE98-sh1-pmk25.dgn | USER NAME = IDDT            | DESIGNED - BB | REVISIONS | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PAVEMENT MARKING PLAN</b> |                         | F.A.P. RTE. = 347               | SECTION = 09-00248-00-RS | COUNTY = COOK | TOTAL SHEETS = 274        | SHEET NO. = 157 |  |
|                                   | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISIONS |   | SCALE: 1" = 20'              | SHEET NO. 5 OF 5 SHEETS | STA. 166+00.00 TO STA. 181+61.4 | CONTRACT NO. 63432       |               | ILLINOIS FED. AID PROJECT |                 |  |
|                                   | PLOT DATE = 3/11/2018       | DATE          | REVISIONS |   |                              |                         |                                 |                          |               |                           |                 |  |
|                                   |                             |               |           |   |                              |                         |                                 |                          |               |                           |                 |  |



R1-1  
30" X 30"

1



R2-1  
30" X 36"

2



R3-2  
36" X 36"

3



R3-4  
36" X 36"

4



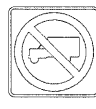
R3-9B  
24" X 36"

5



R5-1  
36" X 36"

6



R5-2  
36" X 36"

7



R6-2L  
24" X 30"

8



R6-2R  
24" X 30"

9



R7-1  
12" X 18"

10



R7-2  
12" X 18"

11



R7-6  
12" X 18"

12



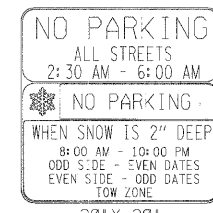
R7-10B  
12" X 18"

13



R7-201  
12" X 6"

14



30" X 30"

15



R7-203  
18" X 24"

16



24" X 36"

17



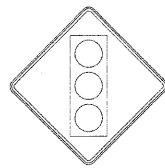
R10-7  
24" X 30"

18



R10-19  
24" X 18"

19



W3-3  
30" X 30"

20



W14-2  
30" X 30"

21



M4-6  
6" X 12"

22



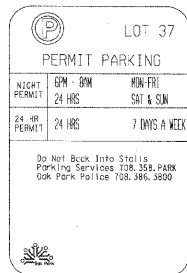
18" X 24"

23



18" X 24"

24



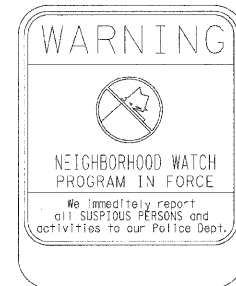
24" X 36"

25



24" X 27"

26



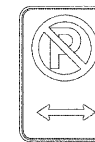
24" X 36"

27



12" X 18"

28



12" X 18"

29



12" X 18"

30



12" X 18"

31



12" X 18"

32



12" X 18"

33



12" X 18"

34



12" X 18"

35



12" X 18"

36



12" X 18"

37



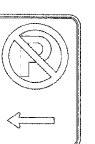
12" X 18"

38



12" X 18"

39



12" X 18"

40



12" X 18"

41



12" X 18"

42



12" X 18"

43



12" X 18"

44



12" X 18"

45



12" X 18"

46



12" X 18"

47



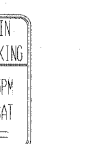
12" X 18"

48



12" X 18"

49



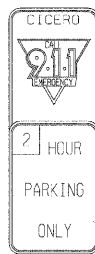
12" X 18"

50



12" X 18"

51



12" X 30"

52



12" X 18"

53



12" X 18"

54



12" X 18"

55



12" X 18"

56



12" X 18"

57



12" X 18"

58



12" X 18"

59



12" X 18"

60



12" X 18"

61



12" X 18"

62



12" X 18"

63



12" X 18"

64



24" X 30"

65

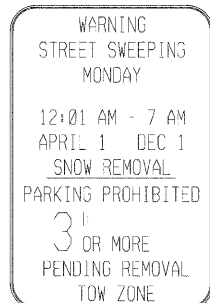
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| FILE NAME = DIRTE38-sht-sign@ludgn | USER NAME = IDOT            | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SIGNING PLAN</b> |  |  | F.A. RTE. 347             | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 158 |
|                                    | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   |                     |  |  | CONTRACT NO. 63432        |                        |             |                  |               |
|                                    | PLOT DATE = 3/11/2010       | DATE -        | REVISED - |   |                     |  |  | ILLINOIS FED. AID PROJECT |                        |             |                  |               |



12" X 18"  
66



24" X 30"  
67



30" X 36"  
68



24" X 30"  
69



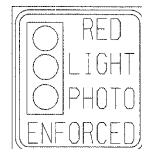
24" X 30"  
70



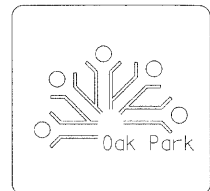
18" X 24"  
71



18" X 24"  
72



24" X 24"  
73



30" X 30"  
74



18" X 24"  
75



18" X 12"  
76



18" X 24"  
77



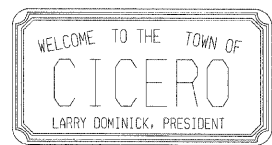
18" X 18"  
78



18" X 18"  
79



18" X 18"  
80



30" X 18"  
81



18" X 18"  
82



24" X 30"  
83



18" X 18"  
84



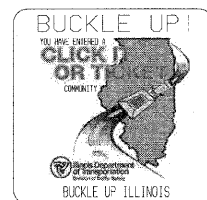
24" X 30"  
85



30" X 30"  
86



18" X 6"  
87



30" X 30"  
88



18" X 6"  
89



18" X 6"  
90

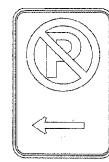
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|------------------------------------|-------------------------------|---------------|-----------|---|---------------|-------------------------|---------------|------------------------|-------------|---------------------------|---------------|
| FILE NAME = DIRTE38-shr-sig-02.dgn | USER NAME = IDOT              | DESIGNED - BB | REVISED - | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | SIGNING PLAN  |                         | F.A. RTE. 347 | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274          | SHEET NO. 159 |
|                                    | PLOT SCALE = 20:00000 "/> IN. | CHECKED - JB  | REVISED - |   | SCALE: N.T.S. | SHEET NO. 2 OF 8 SHEETS | STA. TO STA.  | CONTRACT NO. 63432     |             | ILLINOIS FED. AID PROJECT |               |
|                                    | PLOT DATE = 3/11/2010         | DATE -        | REVISED - |   |               |                         |               |                        |             |                           |               |



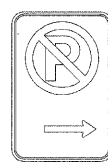
12'X 18'  
91



12'X 18'  
92



12'X 18'  
93



12'X 18'  
94

HOME AVE

7'X 18'  
95

KENTWORTH AVE

7'X 24'  
96

ROOSEVELT RD

7'X 24'  
97

EUCLID AVE

7'X 21'  
98

WESLEY AVE

7'X 21'  
99

CLARENCE AVE

7'X 24'  
100

SCOVILLE AVE

7'X 24'  
101

CUYLER AVE

7'X 18'  
102

HIGHLAND AVE

7'X 24'  
103

HARVEY AVE

7'X 21'  
104

LOMBARD AVE

7'X 24'  
105

TAYLOR AVE

7'X 21'  
106

LYMAN AVE

7'X 18'  
107

HUMPHREY AVE

7'X 24'  
108

60TH CT

7'X 18'  
109

61ST AVE

7'X 18'  
110

61ST CT

7'X 18'  
111

CLINTON AVE

7'X 21'  
112

WISCONSIN AVE

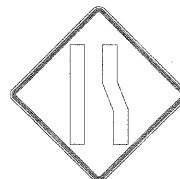
7'X 24'  
113

CUNDERSON AVE

7'X 24'  
114

MAPLE AVE

7'X 18'  
115



W4-2  
36' x 36'  
116



W11A-2  
36' x 36'  
117

WENONAH AVE

7'X 21'  
118

GROVE AVE

7'X 18'  
119

ELMWOOD AVE

7'X 21'  
120



18'X 24'  
121

7-9 AM &  
4-6 PM

12'X 6'  
122

FILE NAME = DIRTE38-shu-sign03.dgn

USER NAME = IDOT  
PLOT SCALE = 20.0000 "/ IN.  
PLOT DATE = 3/11/2010

DESIGNED - BB  
DRAWN - TM  
CHECKED - JB  
DATE -

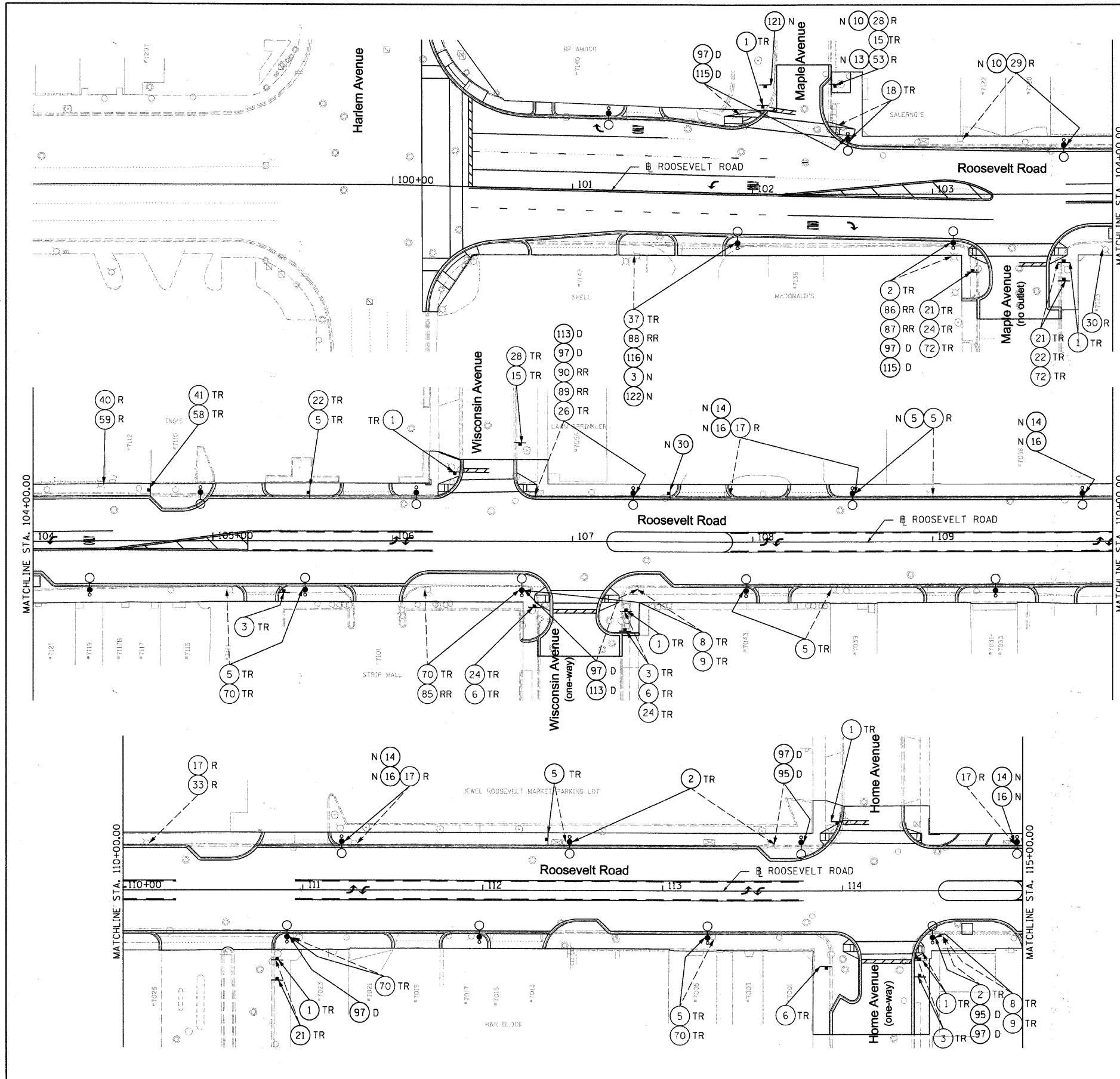
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN

SCALE: N.T.S. SHEET NO. 3 OF 8 SHEETS STA. TO STA.

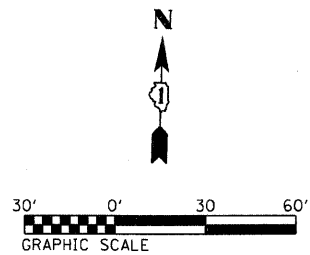
|                    |                |        |                           |           |
|--------------------|----------------|--------|---------------------------|-----------|
| F.A. RTE.          | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
| 347                | 09-00248-00-RS | COOK   | 274                       | 160       |
| CONTRACT NO. 63432 |                |        | ILLINOIS FED. AID PROJECT |           |



SEE SHEETS 158 - 160 FOR SIGN LEGEND

STANDARD SIGNS - NEW AND REMAINING

- 1 R1-1
- 2 R2-1
- 3 R3-2
- 4 R3-4
- 5 R3-9b
- 6 R5-1
- 7 R5-2
- 8 R6-2L
- 9 R6-2R
- 10 R7-1
- 11 R7-2
- 12 R7-6
- 13 R7-108
- 14 R7-201
- 15 R7-203
- 16 R10-7
- 17 R10-19
- 18 W3-3
- 19 W14-2
- 20 M4-6



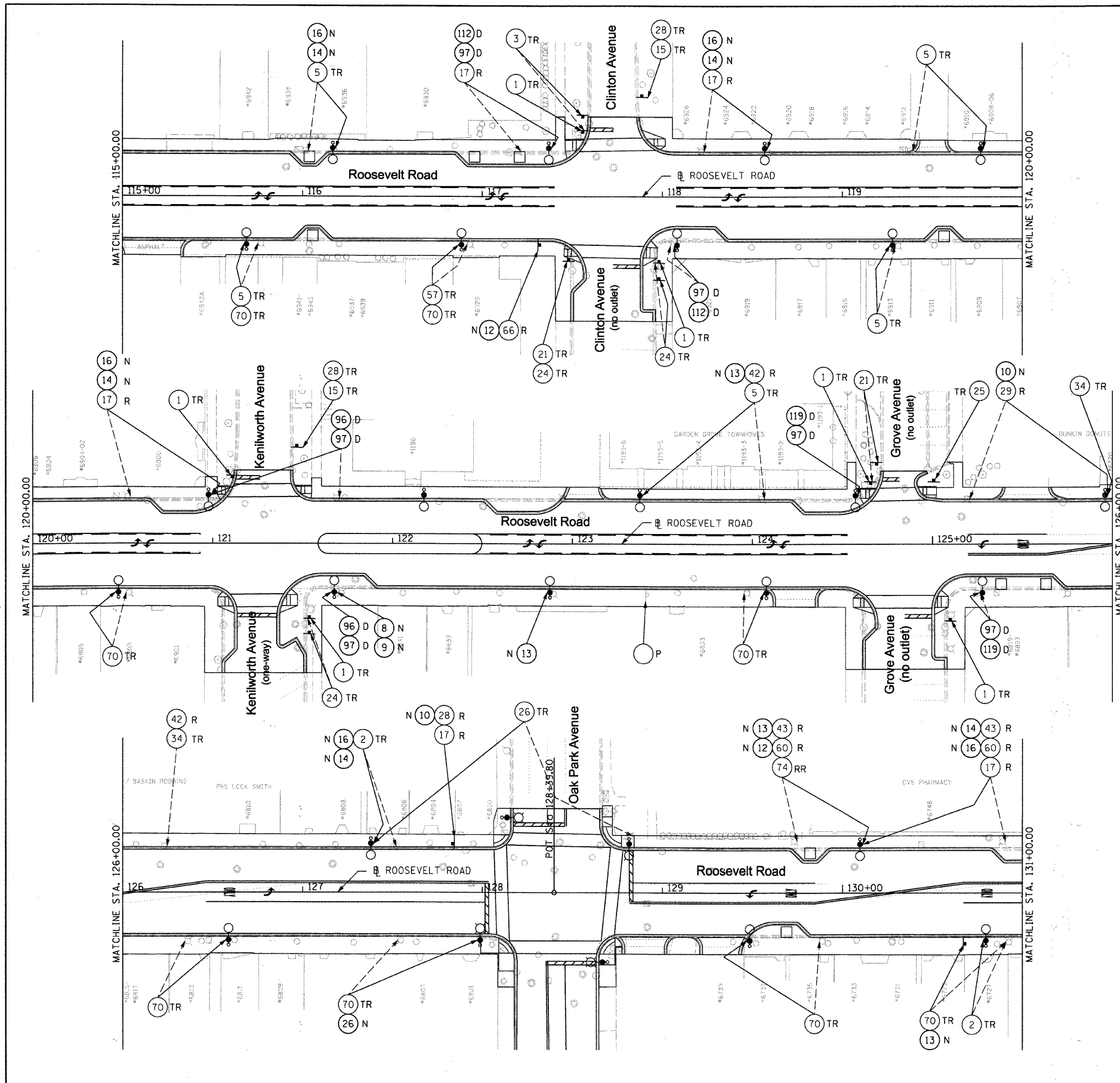
SIGNS TO BE REMOVED FROM IDOT R.O.W.

- 74
- 75
- 76
- 77
- 78
- 79
- 80
- 81
- 82
- 83
- 84
- 85
- 86
- 87
- 88
- 89
- 90

LEGEND

- TR - EXISTING SIGN TO REMAIN OR BE RELOCATED
- N - INSTALL SIGN PANEL - TYPE 1
- D - REMOVE EXISTING AND INSTALL NEW DECORATIVE STREET NAME SIGN  
(SEE LANDSCAPING PLANS FOR MOUNTING DETAIL)
- R - REMOVE SIGN PANEL - TYPE 1
- RR - RELOCATE OUT OF IDOT R.O.W. (RETURN TO MUNICIPALITIES)
- - PROPOSED SIGN
- - LIGHT
- ⊗ - EXISTING LIGHT

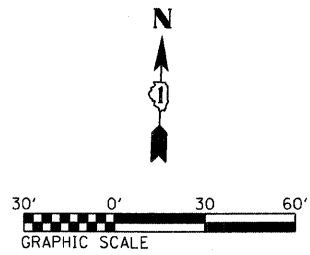
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| FILE NAME = DIRTE38-shr-sign04.dgn | USER NAME = IDOT             | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SIGNING PLAN</b> | F.A. RTE. 347             | SECTION 09-00248-00-RS  | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 161      |  |  |
|                                    | PLLOT SCALE = 30,0000' / IN. | CHECKED - JB  | REVISED - |   |                     | SCALE: 1"=30'             | SHEET NO. 4 OF 8 SHEETS | STA.        | TO STA.          | CONTRACT NO. 63432 |  |  |
|                                    | PLLOT DATE = 3/11/2010       | DATE -        | REVISED - |   |                     | ILLINOIS FED. AID PROJECT |                         |             |                  |                    |  |  |
|                                    |                              |               |           |   |                     |                           |                         |             |                  |                    |  |  |



SEE SHEETS 136 - 138 FOR SIGN LEGEND

STANDARD SIGNS - NEW AND REMAINING

- ① R1-1
- ② R2-1
- ③ R3-2
- ④ R3-4
- ⑤ R3-9b
- ⑥ R5-1
- ⑦ R5-2
- ⑧ R6-2L
- ⑨ R6-2R
- ⑩ R7-1
- ⑪ R7-2
- ⑫ R7-6
- ⑬ R7-108
- ⑭ R7-201
- ⑮ R7-203
- ⑯ R10-7
- ⑰ R10-19
- ⑱ W3-3
- ⑲ W14-2
- ⑳ M4-6



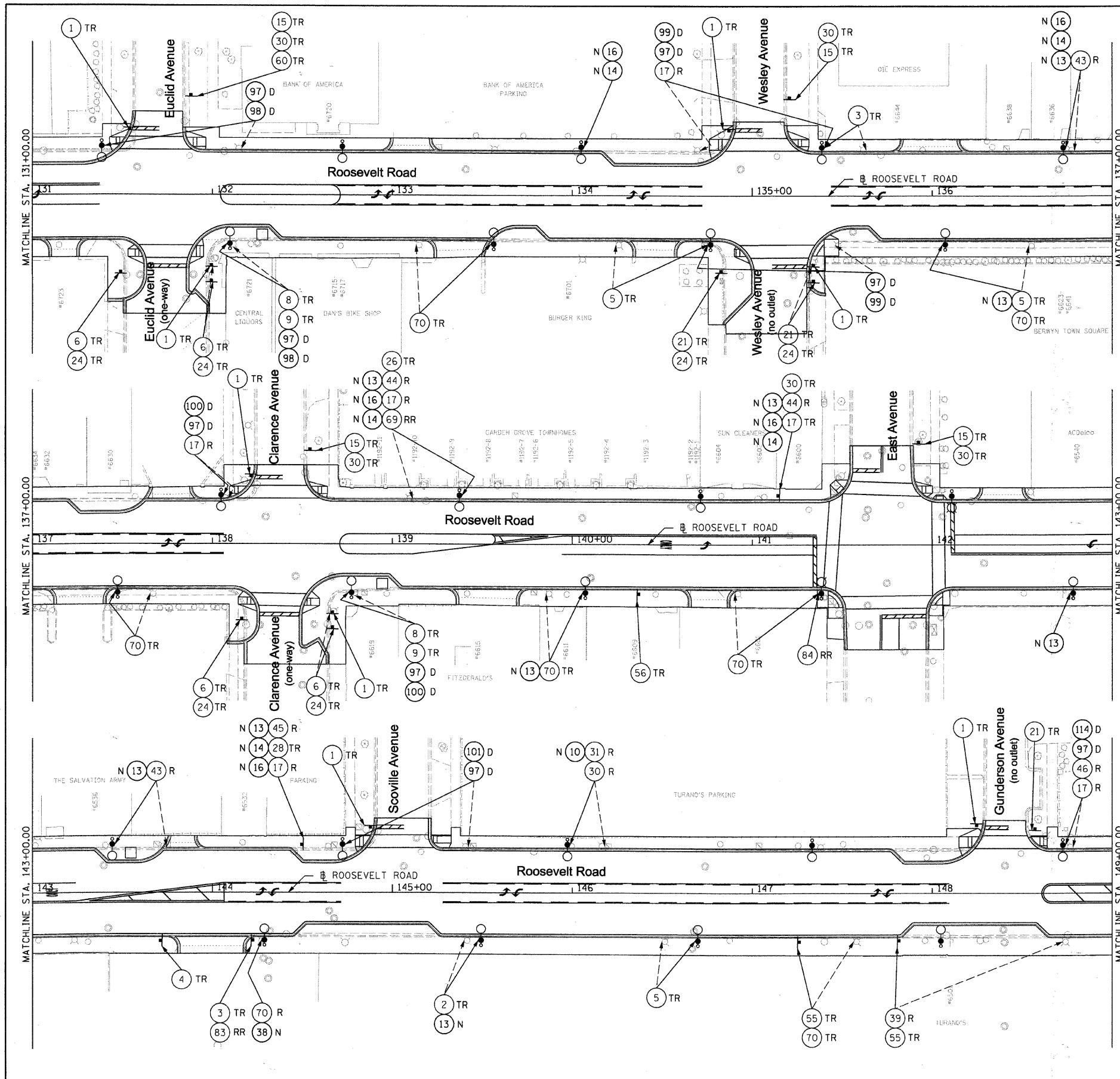
SIGNS TO BE REMOVED FROM IDOT R.O.W.

- ⑦④
- ⑦⑤
- ⑦⑥
- ⑦⑦
- ⑦⑧
- ⑦⑨
- ⑧①
- ⑧②
- ⑧③
- ⑧④
- ⑧⑤
- ⑧⑥
- ⑧⑦
- ⑧⑧
- ⑧⑨
- ⑨①
- ⑨②

LEGEND

- TR - EXISTING SIGN TO REMAIN OR BE RELOCATED
- N - INSTALL SIGN PANEL - TYPE 1
- D - REMOVE EXISTING AND INSTALL NEW DECORATIVE STREET NAME SIGN (SEE LANDSCAPING PLANS FOR MOUNTING DETAIL)
- R - REMOVE SIGN PANEL - TYPE 1
- RR - RELOCATE OUT OF IDOT R.O.W. (RETURN TO MUNICIPALITIES)
- +— PROPOSED SIGN
- LIGHT
- ⊗ EXISTING LIGHT

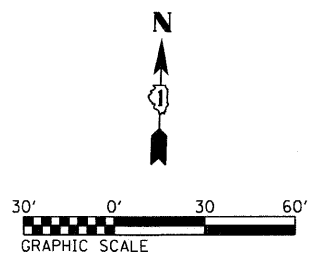
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| FILE NAME = DIRTE38-shs-sign05.dgn | USER NAME = IDOT | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SIGNING PLAN</b> | F.A. RTE. 347             | SECTION 09-00248-00-RS  | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 162      |  |  |
| PLOT SCALE = 30.0000" / IN.        | CHECKED - JB     | REVISED -     | REVISED - |   |                     | SCALE: 1"=30'             | SHEET NO. 5 OF 8 SHEETS | STA.        | TO STA.          | CONTRACT NO. 63432 |  |  |
| PLOT DATE = 3/11/2010              | DATE             | REVISED -     | REVISED - |   |                     | ILLINOIS FED. AID PROJECT |                         |             |                  |                    |  |  |



SEE SHEETS 136 - 138 FOR SIGN LEGEND

STANDARD SIGNS - NEW AND REMAINING

- ① R1-1
- ② R2-1
- ③ R3-2
- ④ R3-4
- ⑤ R3-9b
- ⑥ R5-1
- ⑦ R5-2
- ⑧ R6-2L
- ⑨ R6-2R
- ⑩ R7-1
- ⑪ R7-2
- ⑫ R7-6
- ⑬ R7-108
- ⑭ R7-201
- ⑮ R7-203
- ⑯ R10-7
- ⑰ R10-19
- ⑱ W3-3
- ⑳ W14-2
- ㉑ M4-6



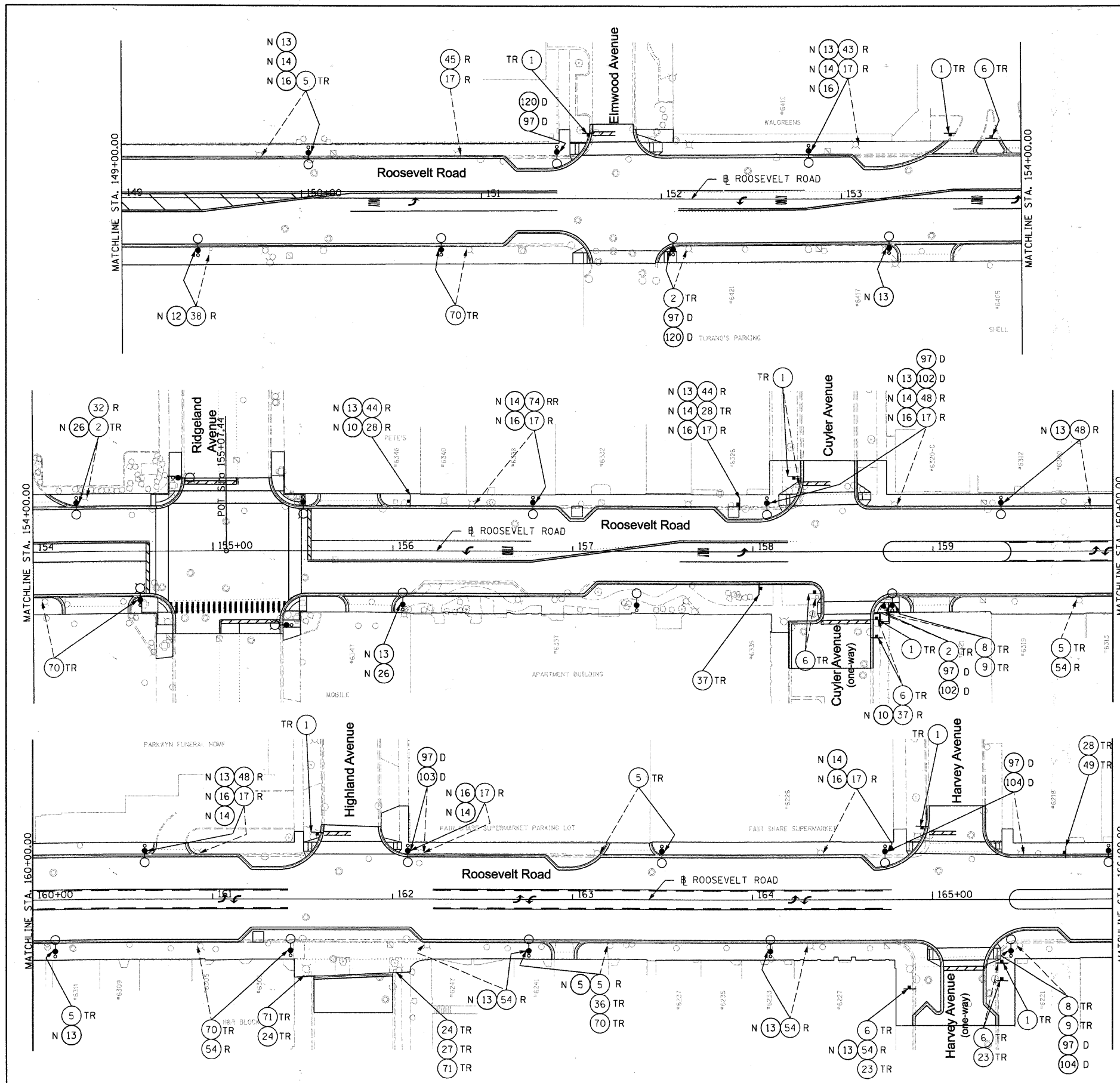
SIGNS TO BE REMOVED FROM IDOT R.O.W.

- ⑦④
- ⑦⑤
- ⑦⑥
- ⑦⑦
- ⑦⑧
- ⑦⑨
- ⑧①
- ⑧②
- ⑧③
- ⑧④
- ⑧⑤
- ⑧⑥
- ⑧⑦
- ⑧⑧
- ⑧⑨
- ⑨①
- ⑨②

LEGEND

- TR - EXISTING SIGN TO REMAIN OR BE RELOCATED
- N - INSTALL SIGN PANEL - TYPE 1
- D - REMOVE EXISTING AND INSTALL NEW DECORATIVE STREET NAME SIGN  
(SEE LANDSCAPING PLANS FOR MOUNTING DETAIL)
- R - REMOVE SIGN PANEL - TYPE 1
- RR - RELOCATE OUT OF IDOT R.O.W. (RETURN TO MUNICIPALITIES)
- - PROPOSED SIGN
- - LIGHT
- ⊗ - EXISTING LIGHT

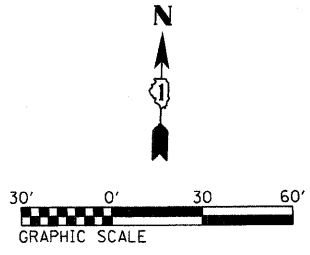
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| FILE NAME = DIRTE38-shr-sign@2.dgn  | USER NAME = IDOT | DESIGNED - BB | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SIGNING PLAN</b> | SCALE: 1"=30'      | SHEET NO. 6 OF 8 SHEETS | STA. TO STA.              | F.A. RTE. 347 | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 163 |  |
| PLOT SCALE = 30,00000 "/> <td>CHECKED - JB</td> <td>REVISED -</td> <td colspan="2" style="text-align: right;">CONTRACT NO. 63432</td> <td colspan="3" style="text-align: right;">ILLINOIS FED. AID PROJECT</td> |                  | CHECKED - JB  | REVISED - |   |                     | CONTRACT NO. 63432 |                         | ILLINOIS FED. AID PROJECT |               |                        |             |                  |               |  |
| PLOT DATE = 3/11/2010   |                  | DATE -        | REVISED - |   |                     |                    |                         |                           |               |                        |             |                  |               |  |
|   |                  |               |           |   |                     |                    |                         |                           |               |                        |             |                  |               |  |



SEE SHEETS 136 - 138 FOR SIGN LEGEND

STANDARD SIGNS - NEW AND REMAINING

- ① R1-1
- ② R2-1
- ③ R3-2
- ④ R3-4
- ⑤ R3-9b
- ⑥ R5-1
- ⑦ R5-2
- ⑧ R6-2L
- ⑨ R6-2R
- ⑩ R7-1
- ⑪ R7-2
- ⑫ R7-6
- ⑬ R7-108
- ⑭ R7-201
- ⑮ R7-203
- ⑯ R10-7
- ⑰ R10-19
- ⑱ W3-3
- ⑲ W14-2
- ⑳ M4-6



SIGNS TO BE REMOVED FROM IDOT R.O.W.

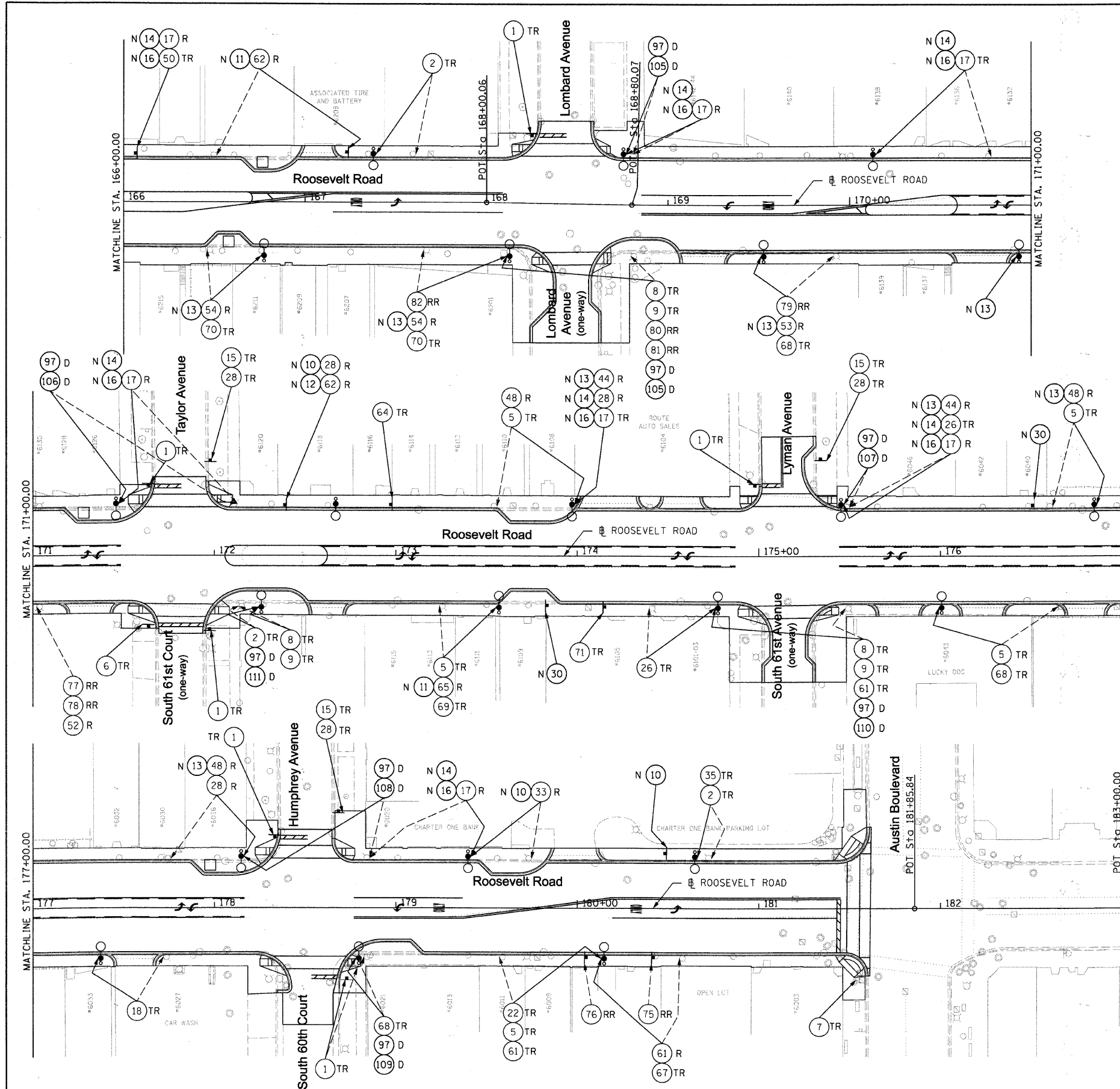
- ⑦④
- ⑦⑤
- ⑦⑥
- ⑦⑦
- ⑦⑧
- ⑦⑨
- ⑧①
- ⑧②
- ⑧③
- ⑧④
- ⑧⑤
- ⑧⑥
- ⑧⑦
- ⑧⑧
- ⑧⑨
- ⑨①
- ⑨②

LEGEND

- TR - EXISTING SIGN TO REMAIN OR BE RELOCATED
- N - INSTALL SIGN PANEL - TYPE 1
- D - REMOVE EXISTING AND INSTALL NEW DECORATIVE STREET NAME SIGN  
(SEE LANDSCAPING PLANS FOR MOUNTING DETAIL)
- R - REMOVE SIGN PANEL - TYPE 1
- RR - RELOCATE OUT OF IDOT R.O.W. (RETURN TO MUNICIPALITIES)
- - PROPOSED SIGN
- - LIGHT
- ⊗ - EXISTING LIGHT

|                                    |                  |               |            |              |      |               |           |           |           |   |                     |                         |                        |              |                  |               |                    |                           |  |
|------------------------------------|------------------|---------------|------------|--------------|------|---------------|-----------|-----------|-----------|---|---------------------|-------------------------|------------------------|--------------|------------------|---------------|--------------------|---------------------------|--|
| FILE NAME = DIRTS38-shr-sign07.dgn | USER NAME = IDOT | DESIGNED - BB | DRAWN - TM | CHECKED - JB | DATE | REVISED -     | REVISED - | REVISED - | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SIGNING PLAN</b> | F.A. RTE. 347           | SECTION 09-00248-00-RS | COUNTY COOK  | TOTAL SHEETS 274 | SHEET NO. 164 | CONTRACT NO. 63432 | ILLINOIS FED. AID PROJECT |  |
| PLOT SCALE = 3/8"=1' / IN.         |                  |               |            |              |      | SCALE: 1"=30' |           |           |           |   |                     | SHEET NO. 7 OF 8 SHEETS |                        | STA. TO STA. |                  |               |                    |                           |  |

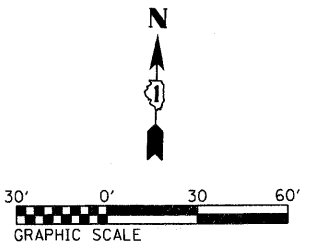




SEE SHEETS 136 - 138 FOR SIGN LEGEND

STANDARD SIGNS - NEW AND REMAINING

- ① R1-1
- ② R2-1
- ③ R3-2
- ④ R3-4
- ⑤ R3-9b
- ⑥ R5-1
- ⑦ R5-2
- ⑧ R6-2L
- ⑨ R6-2R
- ⑩ R7-1
- ⑪ R7-2
- ⑫ R7-6
- ⑬ R7-108
- ⑭ R7-201
- ⑮ R7-203
- ⑯ R10-7
- ⑰ R10-19
- ⑱ W3-3
- ⑳ W14-2
- ㉑ M4-6



SIGNS TO BE REMOVED FROM IDOT R.O.W.

- ⑦④
- ⑦⑤
- ⑦⑥
- ⑦⑦
- ⑦⑧
- ⑦⑨
- ⑧①
- ⑧②
- ⑧③
- ⑧④
- ⑧⑤
- ⑧⑥
- ⑧⑦
- ⑧⑧
- ⑧⑨
- ⑨①
- ⑨②

LEGEND

- TR - EXISTING SIGN TO REMAIN OR BE RELOCATED
- N - INSTALL SIGN PANEL - TYPE 1
- D - REMOVE EXISTING AND INSTALL NEW DECORATIVE STREET NAME SIGN (SEE LANDSCAPING PLANS FOR MOUNTING DETAIL)
- R - REMOVE SIGN PANEL - TYPE 1
- RR - RELOCATE OUT OF IDOT R.O.W. (RETURN TO MUNICIPALITIES)
- +— PROPOSED SIGN
- LIGHT
- ⊗ EXISTING LIGHT

FILE NAME = DIRTE38-sht-sign@8.dgn  
 USER NAME = IDOT  
 PLOT SCALE = 30.2000' / 1" IN.  
 PLOT DATE = 3/11/2010

DESIGNED - BB  
 DRAWN - TM  
 CHECKED - JB  
 DATE -  
 REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN**  
 SCALE: 1"=30'  
 SHEET NO. 8 OF 8 SHEETS  
 STA. TO STA.

| F.A. RTE.                 | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 347                       | 09-00248-00-RS | COOK   | 274          | 165       |
| CONTRACT NO. 63432        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |

## GENERAL NOTES

1. LANDSCAPE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS (EXISTING AND PROPOSED) ALONG WITH EXISTING CONDITIONS AND GRADES (EXISTING AND PROPOSED), AND NOTE ANY DISCREPANCIES TO OWNER AND ENGINEER IMMEDIATELY, BEFORE PROCEEDING WITH ANY WORK.
2. BASE INFORMATION FOR THESE PLANS WAS TAKEN FROM ENGINEER'S SITE SURVEY, GEOMETRIC, AND GRADING PLANS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF EXISTING AND PROPOSED FEATURES, AND FAMILIARIZE THEMSELVES WITH ANY OBSTACLES ENCUMBERING THE INSTALLATION OF THIS PROJECT.
3. ANY EXISTING TREE SURVEYS OR LOCATIONS FOR THESE PLANS WERE PREPARED BY THE ENGINEER OR A CERTIFIED ARBORIST. SEE PLANS FOR INFORMATION.
4. ALL SOIL/UNDERGROUND CONDITIONS SHALL BE REFERRED TO SOIL TESTING REPORTS PREPARED BY THE OWNER'S CONSULTANT.
5. ANY ARCHEOLOGICAL INFORMATION RELEVANT TO THESE PLANS SHALL BE REFERRED TO ARCHEOLOGICAL SURVEY AND REPORTS (IF APPROPRIATE TO JOB SITE) BY THE OWNER'S CONSULTANT.
6. WHERE POSSIBLE, AND AT ENGINEER'S APPROVAL AND PER CODE, ALL UNDERDRAINAGE SHALL BE TIED INTO EXISTING OR PROPOSED STORM STRUCTURES.

## GENERAL PLANTING NOTES

### GENERAL CONDITIONS:

1. CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL LANDSCAPE SPECIFICATIONS PRIOR TO COMMENCEMENT OF WORK. ANY QUESTIONS OR CONCERNS SHALL BE DIRECTED TO THE ENGINEER IN WRITING PRIOR TO LANDSCAPE WORK COMMENCEMENT.
2. ALL PROJECT LIMITS SHALL BE FENCED WITH TEMPORARY PLASTIC FENCING AT 48" HEIGHT, STAKED AT 4' ON CENTER, AND CLEARLY SIGNED FOR CONSTRUCTION ACTIVITIES. ALL EXISTING, PROTECTED VEGETATION SHALL BE FENCED AT A MINIMUM OF THE PLANTS DRIP LINE OR AS APPROVED BY THE ENGINEER.
3. THE LANDSCAPE CONTRACTOR SHALL KEEP ALL AREAS CLEAN AND ORDERLY AT ALL TIMES.
4. THE LANDSCAPE CONTRACTOR SHALL KEEP ALL ROADWAYS AND WALKWAYS CLEAR OF MUD AND DEBRIS THAT RESULT FROM LANDSCAPE OPERATIONS.

### SOIL & PLANTING MIX:

5. ALL SOIL PLANTING MIX FOR BACKFILL OR BEDS, WHETHER FROM ON-SITE STOCKPILE OR NEW IMPORTED SOIL, SHALL BE TESTED FOR APPROVED SPECIFIED PH LEVELS AND NUTRIENT CONTENT. SUBMIT TESTING AGENCY WITH LABORATORY REPORT TO THE ENGINEER FOR APPROVAL, ALONG WITH RECOMMENDATIONS TO AMENDING SOIL AS APPROPRIATE FOR USE IN PLANTING.
6. TOPSOIL SHALL BE CLEAN, PULVERIZED SOIL FROM AN ACCEPTABLE SOURCE. TOPSOIL SHALL BE FREE OF DEBRIS, STONES, AND OTHER MATERIAL NOT MORE THAN ONE INCH (1") DIAMETER IN SIZE. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH RECEIPT OF SOIL SOURCE AND SOIL TEST RESULTS FROM A QUALIFIED LAB UPON REQUEST.
7. IT IS ANTICIPATED THAT ALL PLANTING AREAS, INCLUDING LAWN, SHALL BE THOROUGHLY TILLED TO A MINIMUM OF 12-18" DEPTH. ALL ON-SITE TOPSOIL SHALL BE AMENDED AND REUSED AS APPROVED, OR REMOVED OFF-SITE AND DISPOSED OF PROPERLY. NEW PLANTING SOIL MIX SHALL BE INSTALLED AND PROPERLY COMPACTED TO THE FOLLOWING DEPTHS NOTED IN THE SPECIFICATIONS AND LANDSCAPE PLANTING DETAILS.
8. CLEAN TOPSOIL MIX SHOULD HAVE A TESTED AND APPROVED PH OF 6.0 - 7.0.
9. ALL PLANTING BEDS SHALL BE THOROUGHLY TILLED AND AMENDED WITH TOPSOIL/COMPOST MIX TO A MINIMUM OF 12" DEPTH.
10. ALL EXCESS MATERIALS AND SPOILS RESULTING FROM THE LANDSCAPE WORK SHALL BE LEGALLY DISPOSED OF OFF-SITE BY THE LANDSCAPE CONTRACTOR.

### PLANTING STANDARDS:

12. ALL PLANT MATERIAL SHALL BE TOP-QUALITY GRADE, FREE OF DEFECTS, AND MEET ACCEPTED HORTICULTURAL STANDARDS ESTABLISHED BY THE AMERICAN NURSERYMEN'S ASSOCIATION (AAN) AND AS DEEMED APPROPRIATE BY THE ENGINEER. THE ENGINEER SHALL HAVE THE RIGHT TO REJECT ANY, AND ALL, PLANT MATERIAL DELIVERED TO THE SITE THAT DOES NOT MEET ACCEPTABLE STANDARDS.
13. ALL SOD SHALL BE SALT TOLERANT.
14. SIZES SHOWN ON PLANT SCHEDULE ARE MINIMUM ACCEPTABLE SIZES.
15. ALL PLANTS TO BE BALLED-IN-BURLAP OR CONTAINER-GROWN AS SPECIFIED IN PLANT SCHEDULE. ALL PLASTIC ROOT WRAPPING MATERIAL AND METAL WIRE BASKETS SHALL BE REMOVED.
16. ALL NEW AND TRANSPLANTED PLANTS TO BE SPRAYED WITH AN ANTIDESICCANT WITHIN TWENTY-FOUR (24) HOURS AFTER PLANTING. ANTTITRANSPIRANT SHALL BE "WILTPRUF" OR AN APPROVED EQUAL.
17. THE ENGINEER SHALL FIELD VERIFY AND APPROVE ALL FINAL STAKED TREE, SHRUB, AND PERENNIAL BED LOCATIONS PRIOR TO INSTALLATION.
18. THE LANDSCAPE CONTRACTOR SHALL REPAIR TO ITS ORIGINAL CONDITION ANY PLANT MATERIAL WHICH BECOMES DAMAGED AS A RESULT OF LANDSCAPE OPERATIONS.
19. ALL PERENNIALS SHALL BE PLANTED AT LEAST TWO (2) FEET FROM THE TREE TRUNKS PLANTED WITHIN PLANTING AREAS.

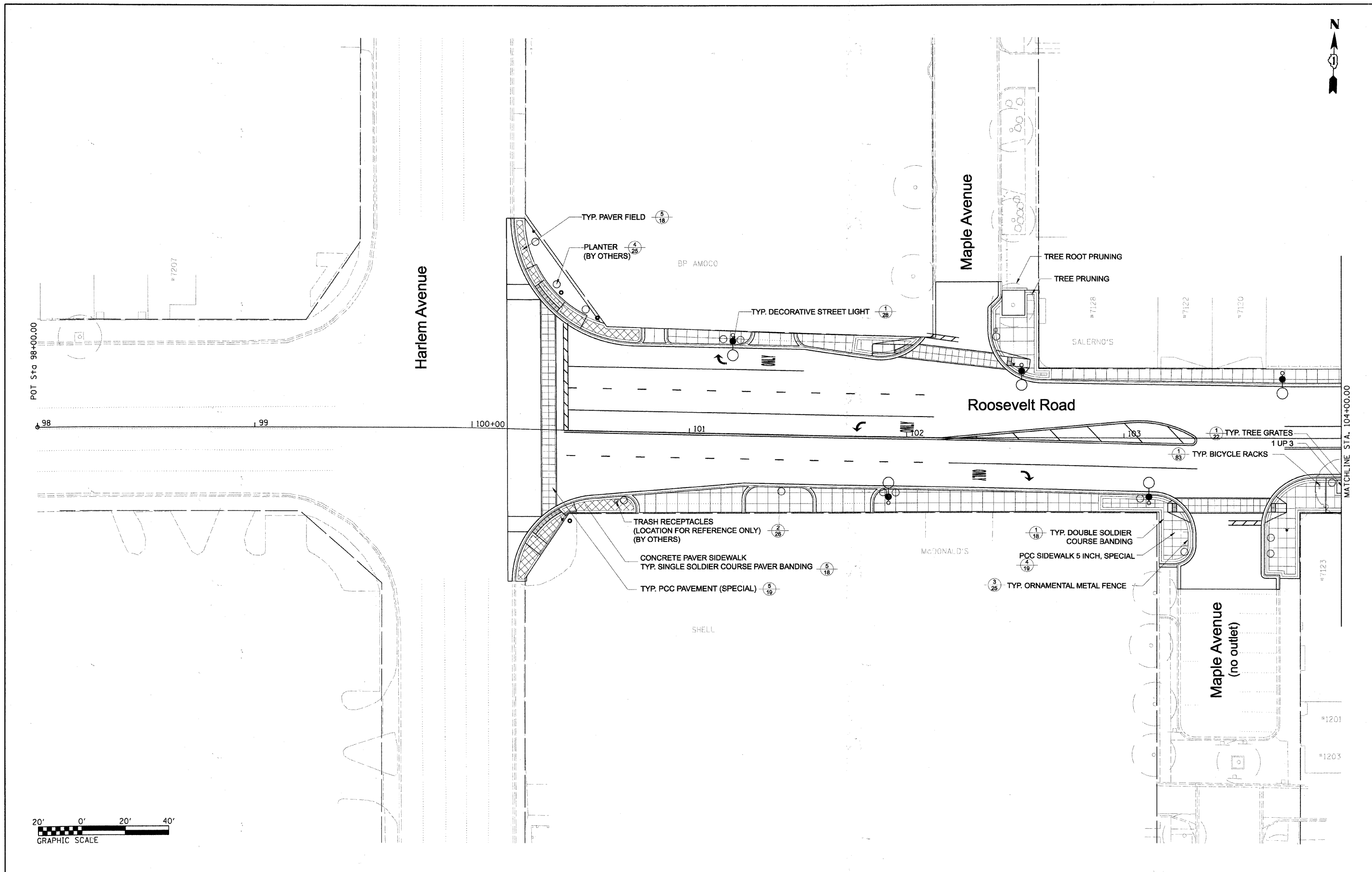
### FERTILIZER & MULCHING:

20. ALL TREES AND SHRUB BEDS SHALL RECEIVE A MINIMUM DEPTH OF 3" SHREDDED HARDWOOD MULCH TOP-DRESSING.
21. ALL PERENNIALS AND GROUND COVER BEDS SHALL BE TOP-DRESSED WITH A MINIMUM DEPTH OF 3" OF COMPOST.

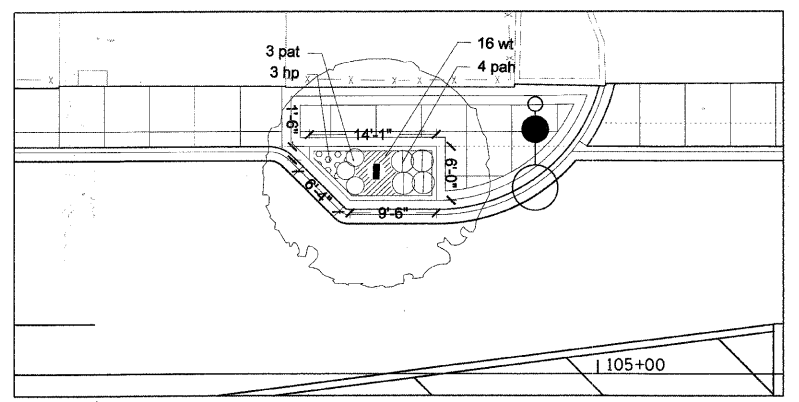
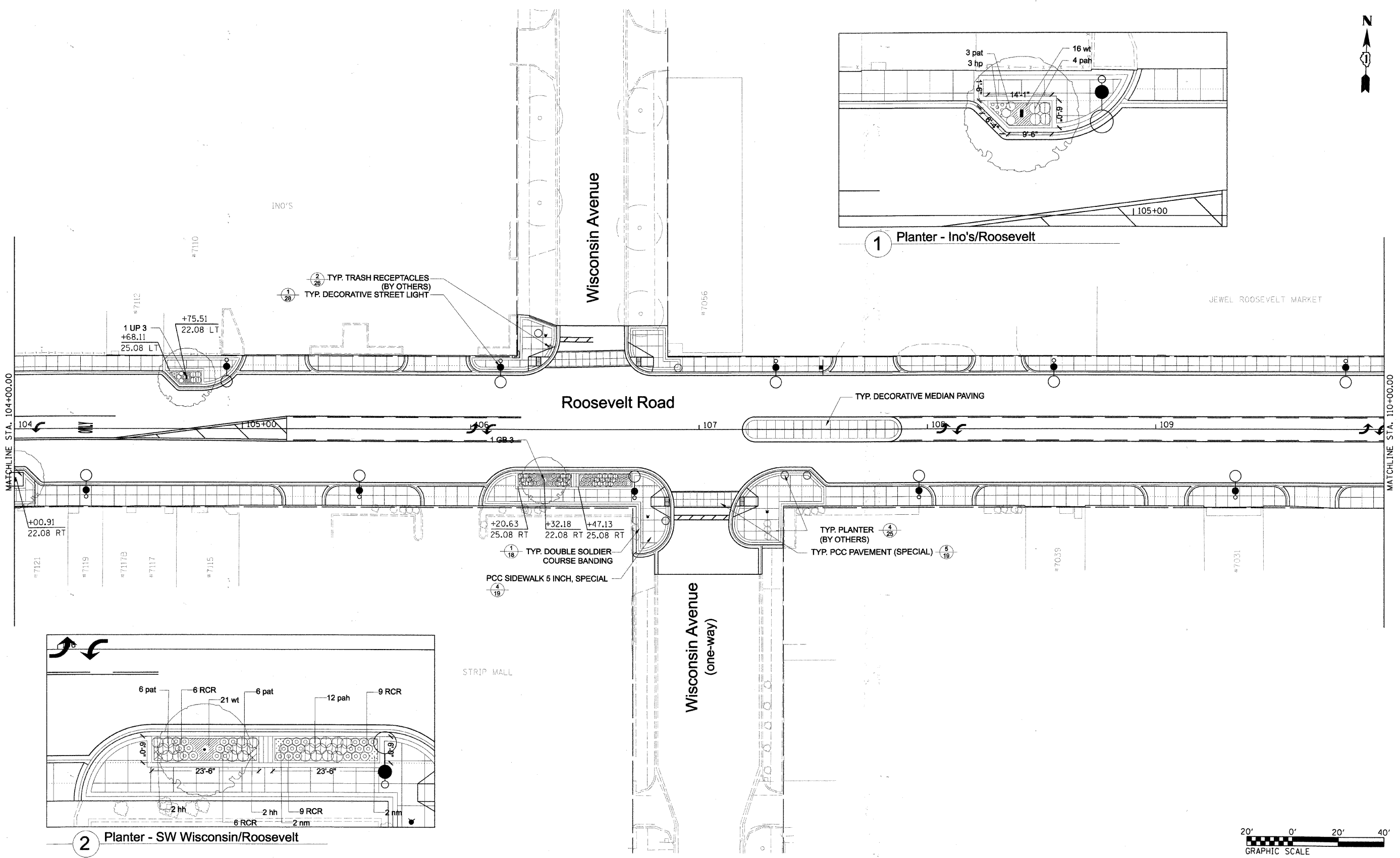
### MAINTENANCE & WARRANTIES:

22. ALL PLANTS SHALL BE THOROUGHLY WATERED IN AT TIME OF PLANTING AND WATERED AND MAINTAINED THROUGHOUT CONSTRUCTION UNTIL FINAL ACCEPTANCE BY ENGINEER. CONTRACTOR SHALL WATER ALL PLANTS IMMEDIATELY AFTER PLANTING. FLOOD PLANTS TWICE DURING THE FIRST TWENTY-FOUR (24) HOURS AFTER PLANTING.
23. ALL NEWLY SODDED OR SEEDED AREAS SHALL BE MAINTAINED, WATERED, AND MOWED THROUGHOUT THEIR GROWING SEASONS DURING CONSTRUCTION AND UNTIL FINAL ACCEPTANCE BY ENGINEER.

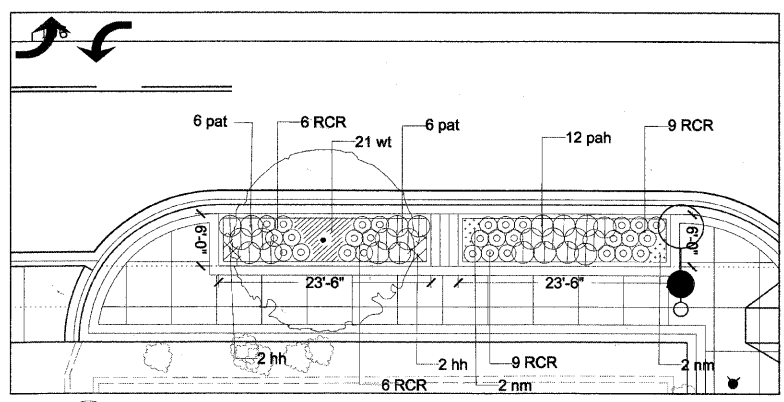
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| FILE NAME = DIRTE38-shs-landscape01.dgn | USER NAME = IDOT             | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>PLANTING NOTES</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS   | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 166      |  |  |  |
|   | PLLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   |                       | SCALE: -                  | SHEET NO. 1 OF 28 SHEETS | STA. -      | TO STA. -        | CONTRACT NO. 63432 |  |  |  |
|   | PLLOT DATE = 3/11/2010       | DATE -        | REVISED - |   |                       | ILLINOIS FED. AID PROJECT |                          |             |                  |                    |  |  |  |
|   |                              |               |           |   |                       |                           |                          |             |                  |                    |  |  |  |



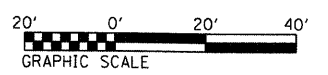
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| FILE NAME = DIRTE38-ahs-landscap02.dgn | USER NAME = IDDT            | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. 347 | SECTION 09-00248-00-RS   | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 167 |                           |  |
|  | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISED - |   |                         | SCALE: 1" = 20' | SHEET NO. 2 OF 28 SHEETS | STA. 100+16.82 TO STA. 104+00.00 | CONTRACT NO. 63432 |               | ILLINOIS FED. AID PROJECT |  |
|  | PLOT DATE = 3/11/2010       | DATE -        | REVISED - |   |                         |                 |                          |                                  |                    |               |                           |  |
|  |                             |               |           |   |                         |                 |                          |                                  |                    |               |                           |  |



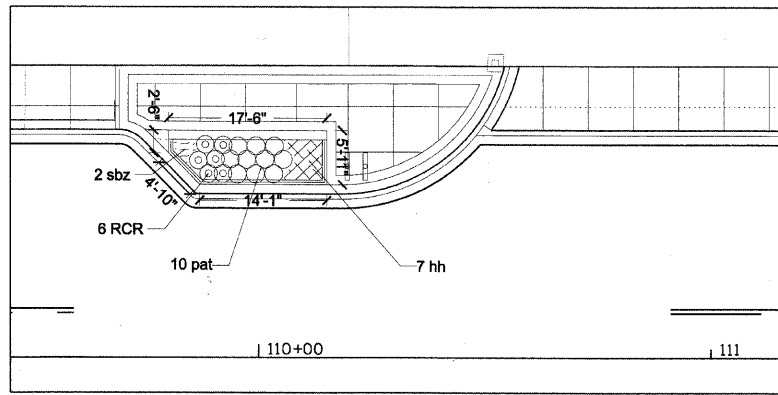
1 Planter - Ino's/Roosevelt



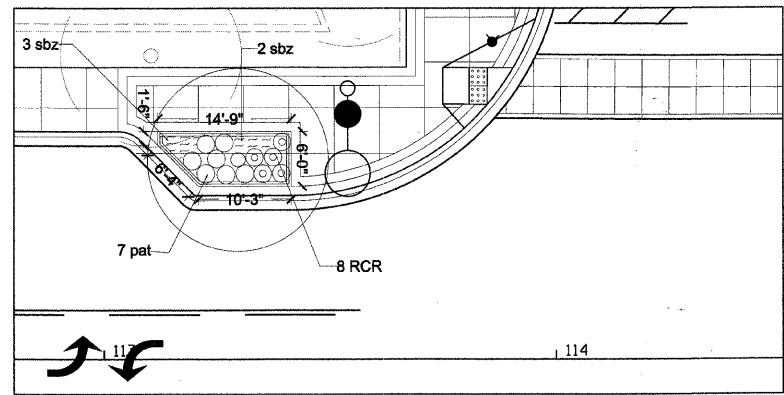
2 Planter - SW Wisconsin/Roosevelt



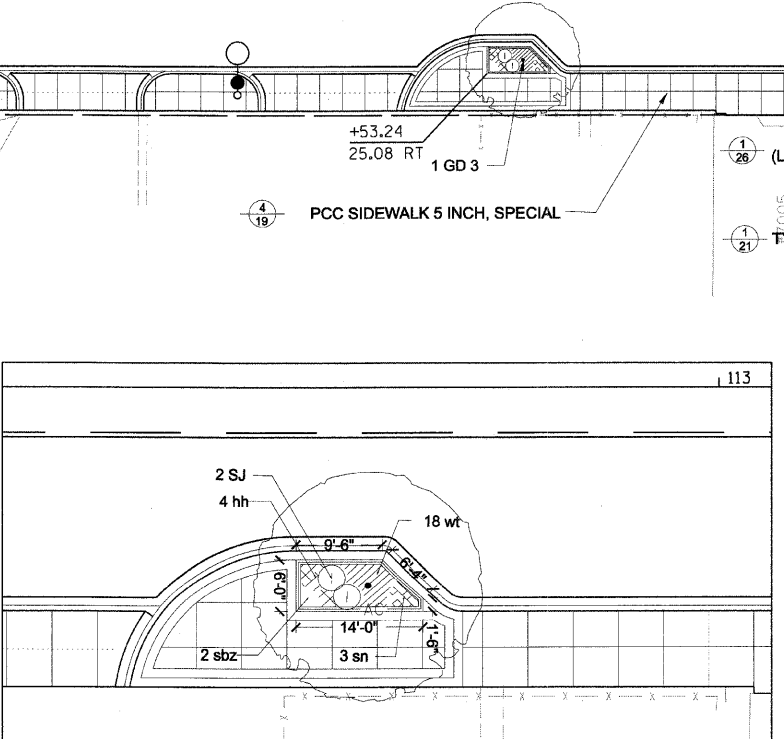
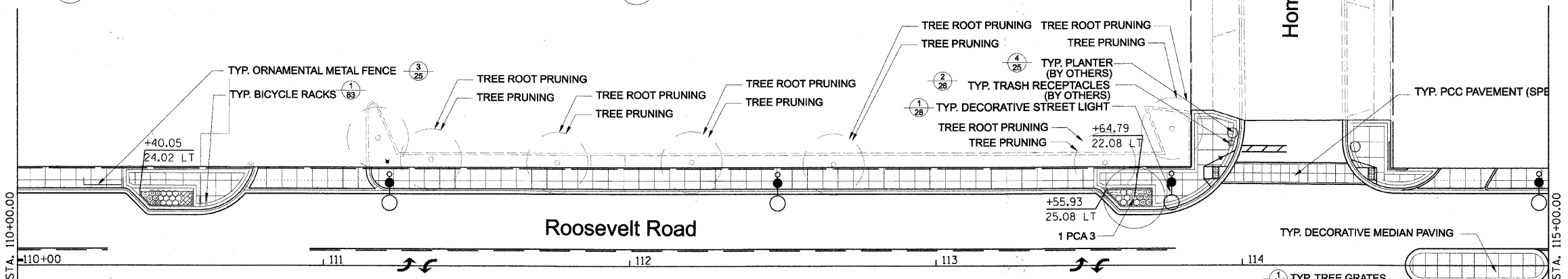
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|---------------------------------------|-----------------------------|---------------|-------------|---|-------------------------|----------------------------------|--------------------------|--------------------|------------------|---------------------------|--|
| FILE NAME = DIRTE38-shr-landscp03.dgn | USER NAME = IDOT            | DESIGNED - SC | REVISIONS - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. 347                  | SECTION 09-00248-00-RS   | COUNTY COOK        | TOTAL SHEETS 274 | SHEET NO. 168             |  |
|                                       | PLOT SCALE = 20.0000' / IN. | CHECKED - JB  | REVISIONS - |   |                         | SCALE: 1" = 20'                  | SHEET NO. 3 OF 28 SHEETS | CONTRACT NO. 63432 |                  | ILLINOIS FED. AID PROJECT |  |
|                                       | PLOT DATE = 3/11/2010       | DATE -        | REVISIONS - |   |                         | STA. 104+00.00 TO STA. 110+00.00 |                          |                    |                  |                           |  |
|                                       |                             |               |             |   |                         |                                  |                          |                    |                  |                           |  |



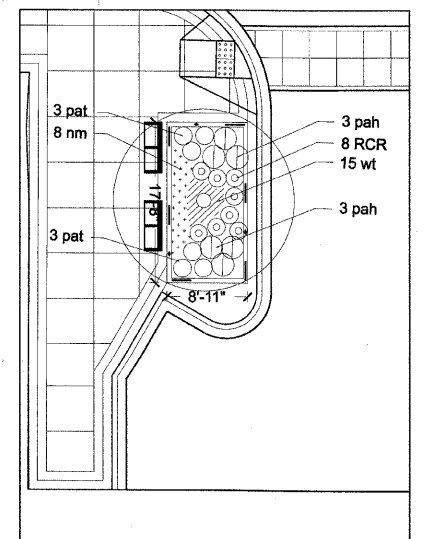
1 Planter - Jewel Market/Roosevelt



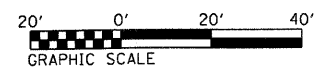
2 Planter - NWC Home/Roosevelt



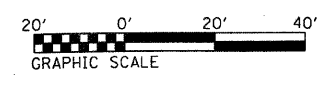
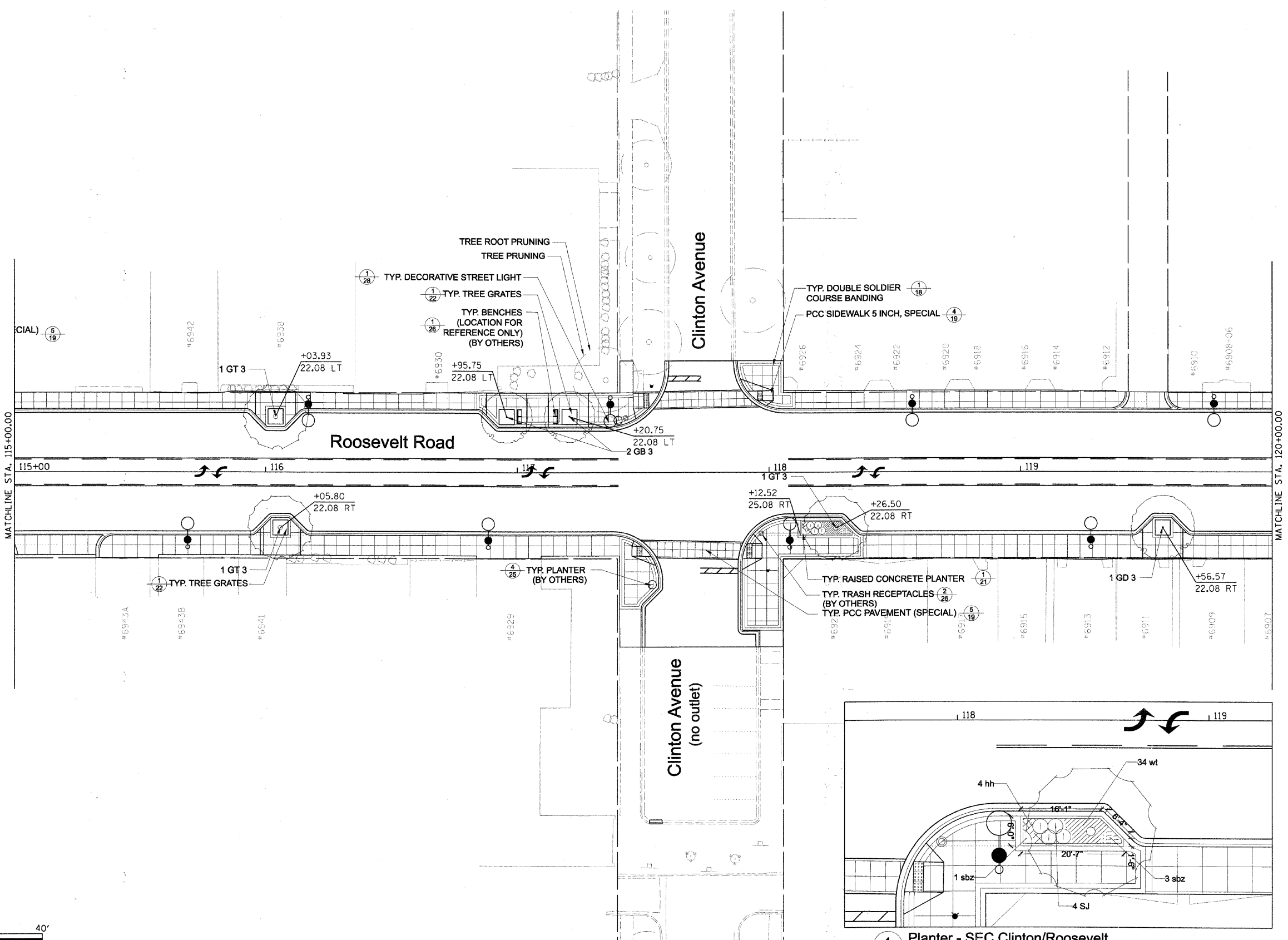
3 Planter - W of Home/S side of Roosevelt



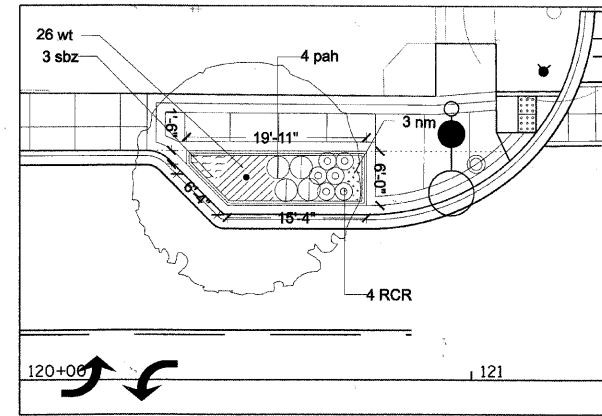
4 Planter - +SEC Roosevelt/Home



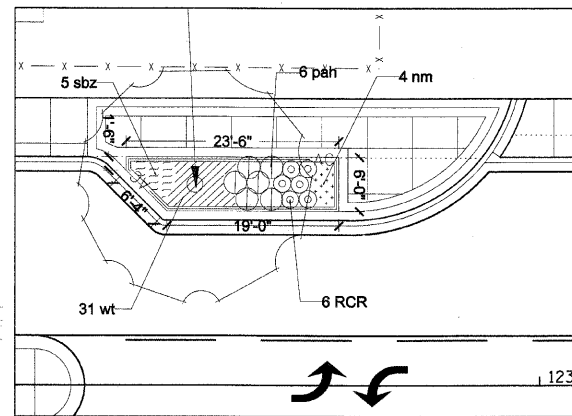
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|---------------------------------------|------------------|---------------|-----------|---|-------------------------|--------------------------|----------------------------------|--------------------------|---------------|---------------------------|-----------------|--|
| FILE NAME = DIRTE38-shr-landsep84.dgn | USER NAME = IDOT | DESIGNED - SC | REVISOR - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> |                          | F.A.P. RTE. = 347                | SECTION = 09-00248-00-RS | COUNTY = COOK | TOTAL SHEETS = 274        | SHEET NO. = 169 |  |
|                                       |                  | DRAWN - DG    | REVISOR - |   | SCALE: 1" = 20'         | SHEET NO. 4 OF 28 SHEETS | STA. 110+00.00 TO STA. 115+00.00 | CONTRACT NO. 63432       |               | ILLINOIS FED. AID PROJECT |                 |  |
|                                       |                  | CHECKED - JB  | REVISOR - |   |                         |                          |                                  |                          |               |                           |                 |  |
|                                       |                  | DATE -        | REVISOR - |   |                         |                          |                                  |                          |               |                           |                 |  |



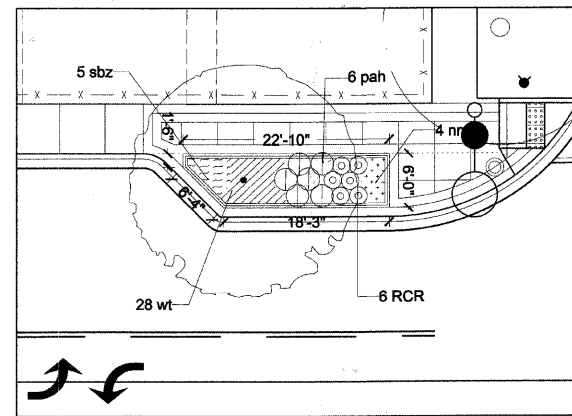
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|--|------------------|---------------|-----------------|---|-------------------------|--------------------------|----------------------------------|--------------------|------------------|---------------------------|--|--|
| FILE NAME = DIRTE38-sh1-landscap85.dgn | USER NAME = IDDT | DESIGNED - SC | REVISED -       | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. 347          | SECTION 09-00248-00-RS           | COUNTY COOK        | TOTAL SHEETS 274 | SHEET NO. 170             |  |  |
| PLOT SCALE = 20.0000' / IN.            | CHECKED - JB     | REVISED -     | SCALE: 1" = 20' |   |                         | SHEET NO. 5 OF 28 SHEETS | STA. 115+00.00 TO STA. 120+00.00 | CONTRACT NO. 63432 |                  | ILLINOIS FED. AID PROJECT |  |  |
| PLOT DATE = 3/11/2010                  | DATE -           | REVISED -     |                 |   |                         |                          |                                  |                    |                  |                           |  |  |
|  |                  |               |                 |   |                         |                          |                                  |                    |                  |                           |  |  |



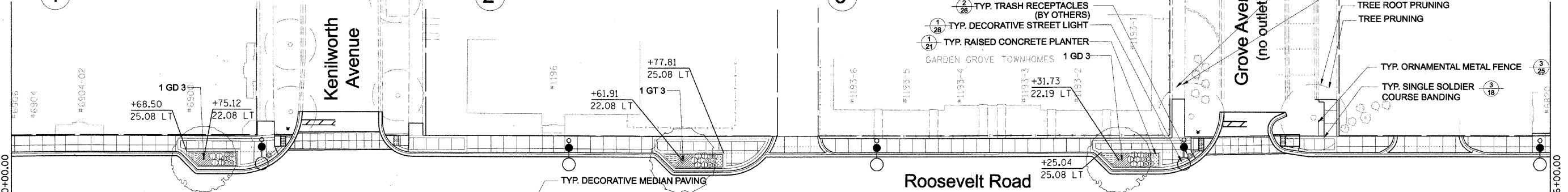
1 Planter - NWC Kenilworth/Roosevelt



2 Planter - NWC Roosevelt/Alley

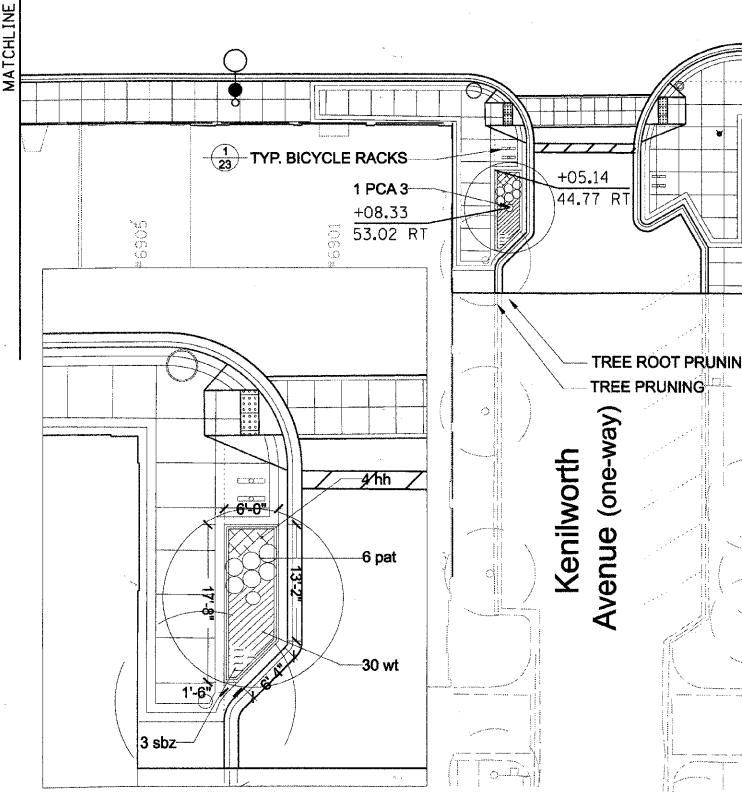


3 Planter - NWC Grove/Roosevelt

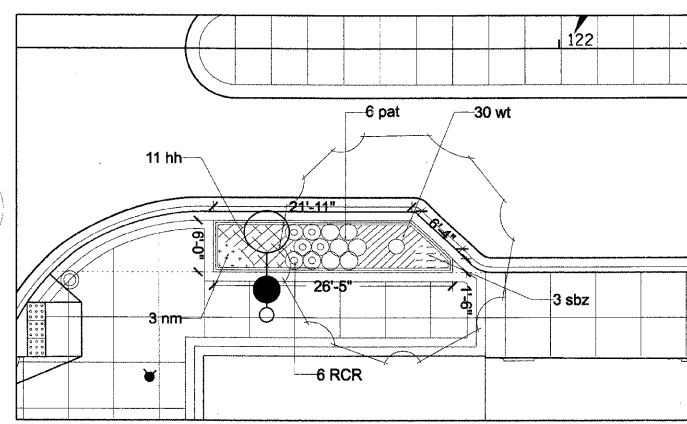


MATCHLINE STA. 120+00.00

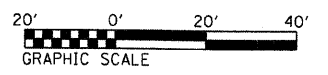
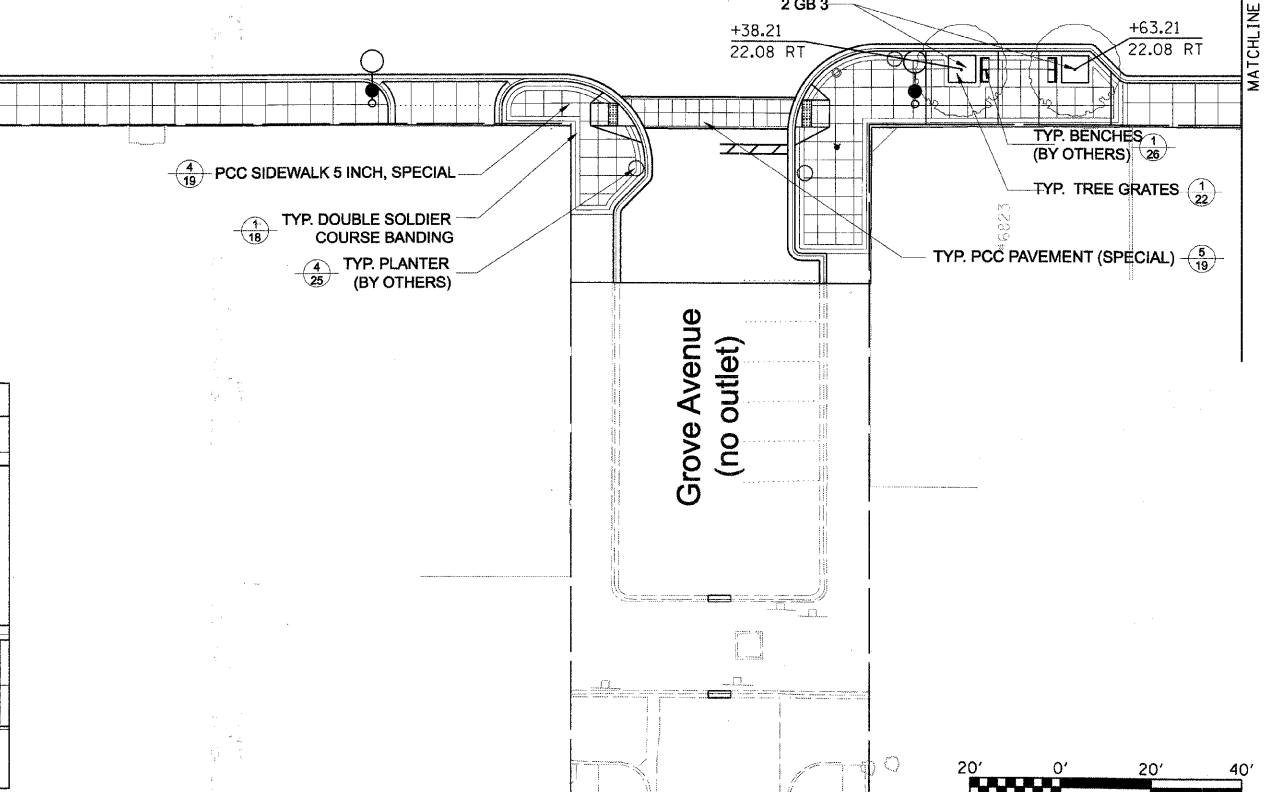
MATCHLINE STA. 126+00.00



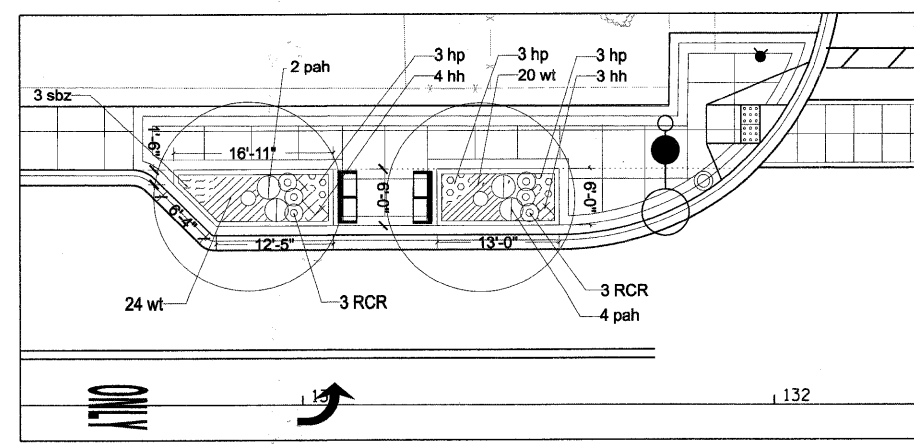
4 Planter - SWC Kenilworth/Roosevelt



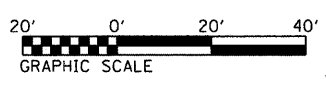
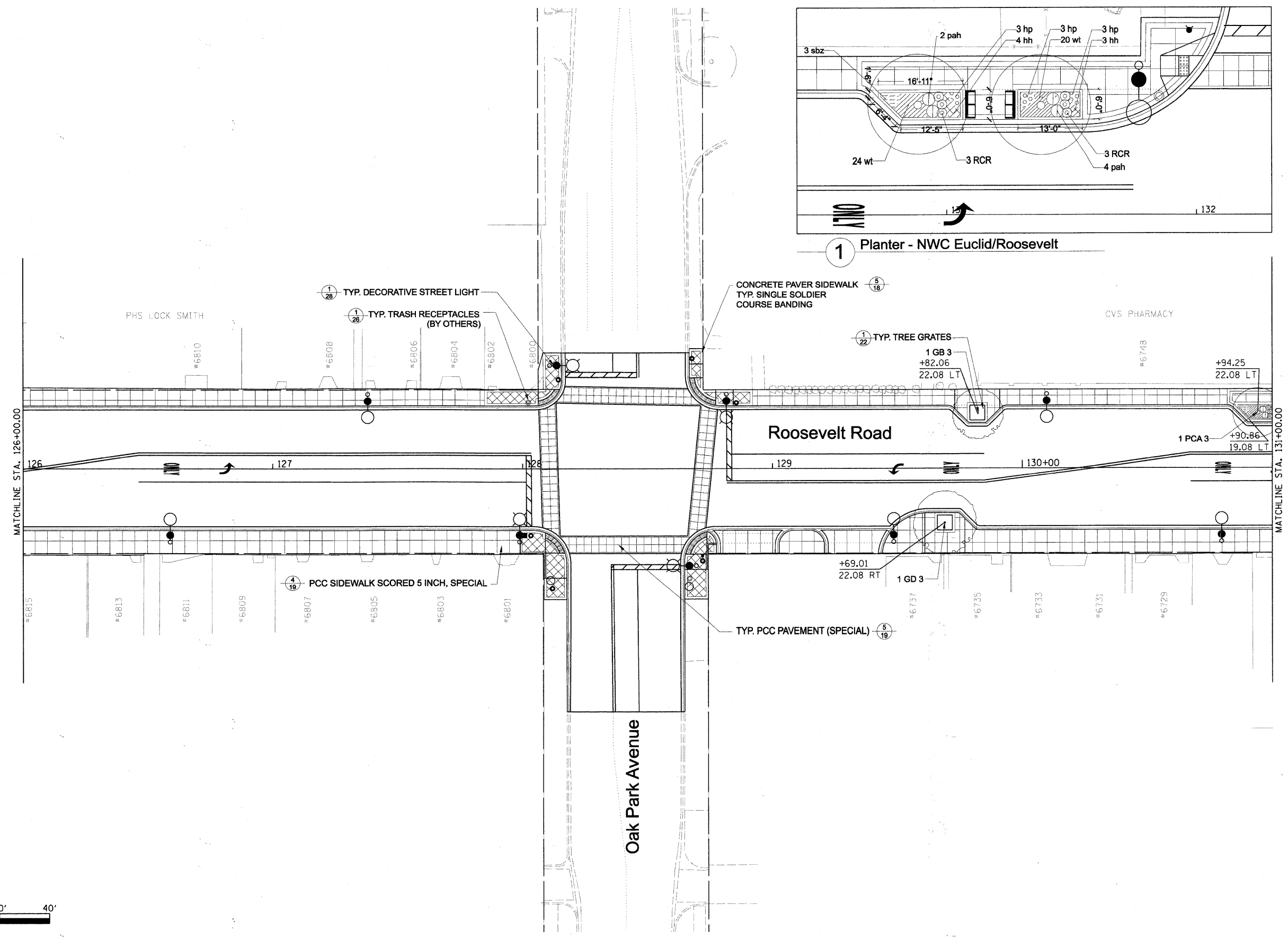
5 Planter - SEC Kenilworth/Roosevelt



|  |                  |               |          |   |                           |                            |                                  |                    |                          |               |                    |                 |
|--|------------------|---------------|----------|---|---------------------------|----------------------------|----------------------------------|--------------------|--------------------------|---------------|--------------------|-----------------|
| FILE NAME = DIRTE38-shu-landscap26.dgn | USER NAME = IDOT | DESIGNED - SC | REVISD - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b>   |                            |                                  | F.A.P. RTE. = 347  | SECTION = 09-00248-00-RS | COUNTY = COOK | TOTAL SHEETS = 274 | SHEET NO. = 171 |
| PLOT SCA. = 1/8" = 1'-0"               | CHECKED - JB     | REVISD -      | REVISD - |   | SCALE: 1" = 20'           | SHEET NO. = 6 OF 28 SHEETS | STA. 120+00.00 TO STA. 126+00.00 | CONTRACT NO. 63432 |                          |               |                    |                 |
| PLOT DATE = 3/11/2018                  | DATE -           | REVISD -      | REVISD - |   | ILLINOIS FED. AID PROJECT |                            |                                  |                    |                          |               |                    |                 |
|  |                  |               |          |   |                           |                            |                                  |                    |                          |               |                    |                 |

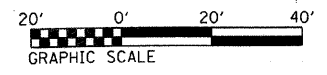
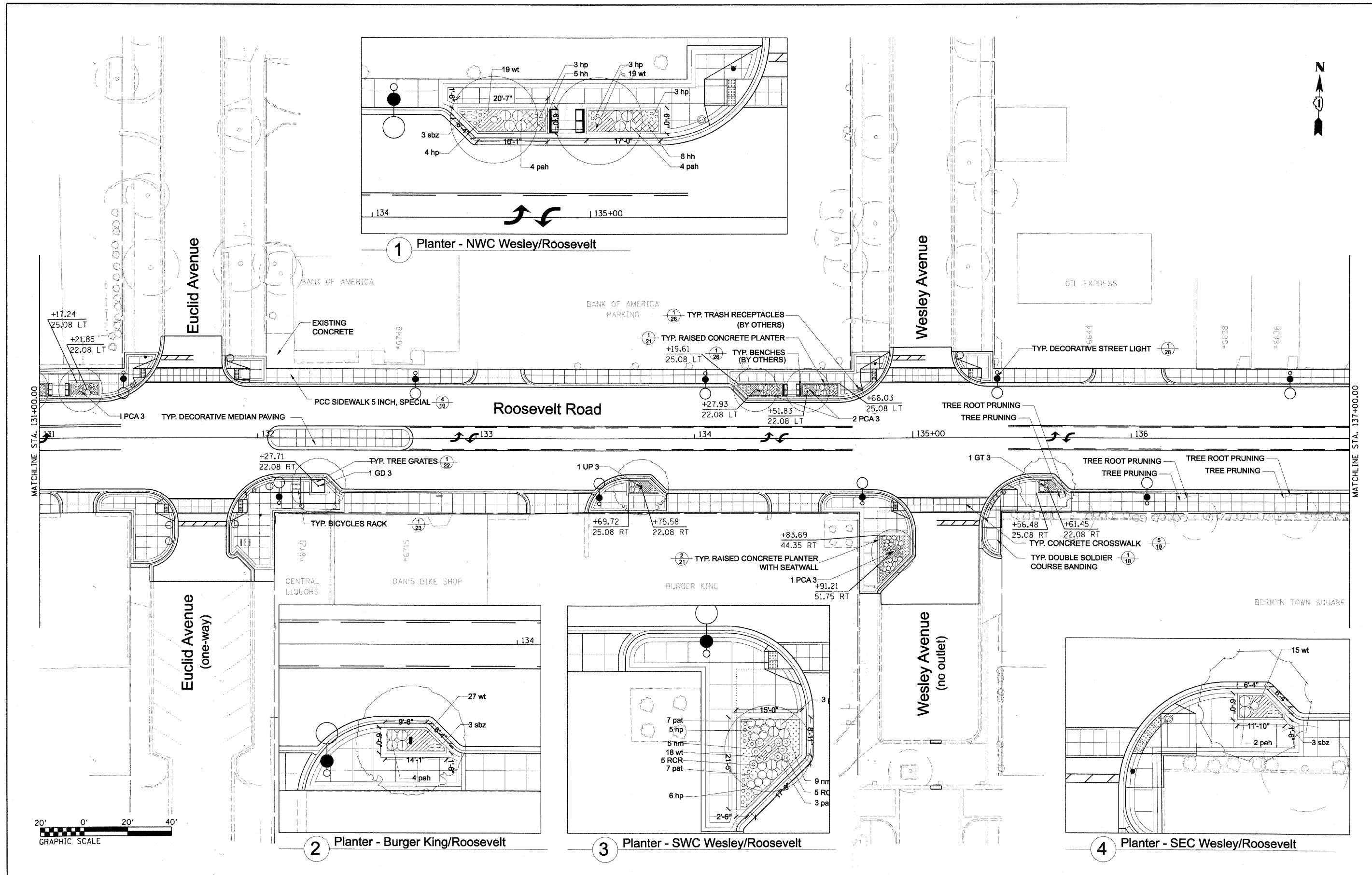


**1 Planter - NWC Euclid/Roosevelt**



|  |                             |               |           |   |                         |  |                   |                          |                          |                    |                                  |
|--|-----------------------------|---------------|-----------|---|-------------------------|--|-------------------|--------------------------|--------------------------|--------------------|----------------------------------|
| FILE NAME<br>DIRTE38-shr-landscp87.dgn | USER NAME = IDOT            | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> |  | F.A.P. RTE. = 347 | SECTION = 09-00248-00-RS | COUNTY = COOK            | TOTAL SHEETS = 274 | SHEET NO. = 172                  |
|  | PLOT SCALE = 20,0000' / IN. | CHECKED - JB  | REVISED - |   |                         |  | SCALE: 1" = 20'   |                          | SHEET NO. 7 OF 28 SHEETS |                    | STA. 126+00.00 TO STA. 131+00.00 |
|  | PLOT DATE = 3/18/2010       | DATE -        | REVISED - | ILLINOIS FED. AID PROJECT                                 |                         |  |                   |                          |                          |                    |                                  |





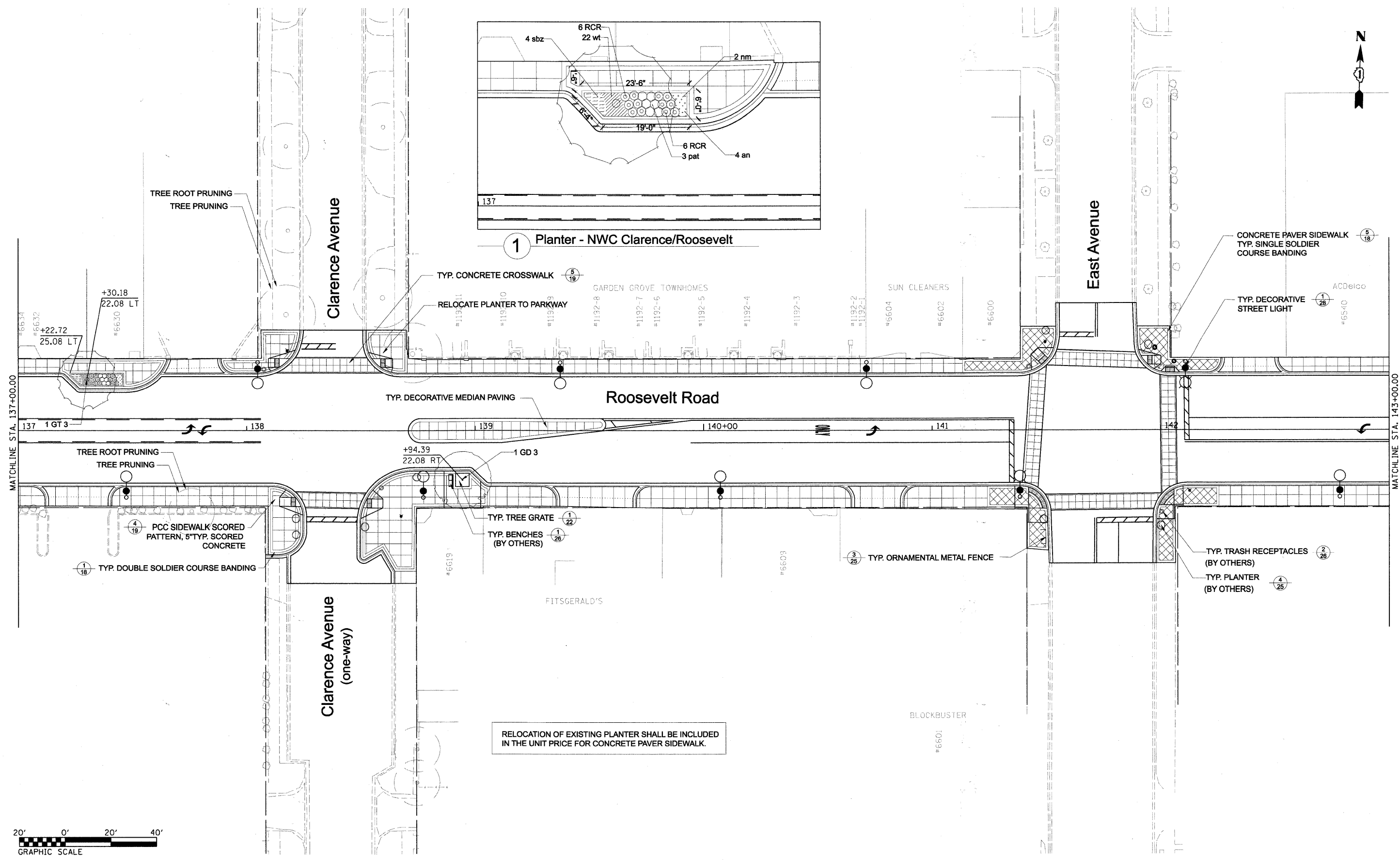
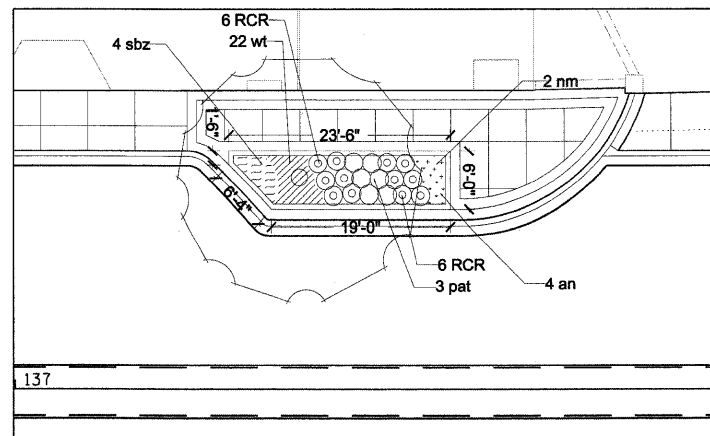
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| FILE NAME = DIRTE38-sht-landscp88.dgn | USER NAME = IDDT | DESIGNED - SC | REVISED - |
| PLOT SCALE = 20.0000' / IN.           | CHECKED - JB     | DRAWN - DC    | REVISED - |
| PLOT DATE = 3/11/2018                 | DATE -           |               | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN**

SCALE: 1" = 20'    SHEET NO. 8 OF 28 SHEETS    STA. 131+00.00 TO STA. 137+00.00

| F.A.P. RTE.               | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------|--------|--------------|-----------|
| 347                       | 09-00248-00-RS | COOK   | 274          | 173       |
| CONTRACT NO. 63432        |                |        |              |           |
| ILLINOIS FED. AID PROJECT |                |        |              |           |



TREE ROOT PRUNING  
TREE PRUNING

TREE ROOT PRUNING  
TREE PRUNING

1 Planter - NWC Clarence/Roosevelt

TYP. CONCRETE CROSSWALK

RELOCATE PLANTER TO PARKWAY

TYP. DECORATIVE MEDIAN PAVING

Roosevelt Road

East Avenue

CONCRETE PAVER SIDEWALK  
TYP. SINGLE SOLDIER  
COURSE BANDING

TYP. DECORATIVE  
STREET LIGHT

+30.18  
22.08 LT

+22.72  
25.08 LT

+94.39  
22.08 RT

PCC SIDEWALK SCORED  
PATTERN, 5" TYP. SCORED  
CONCRETE

TYP. DOUBLE SOLDIER COURSE BANDING

TYP. TREE GRATE

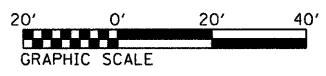
TYP. BENCHES  
(BY OTHERS)

TYP. ORNAMENTAL METAL FENCE

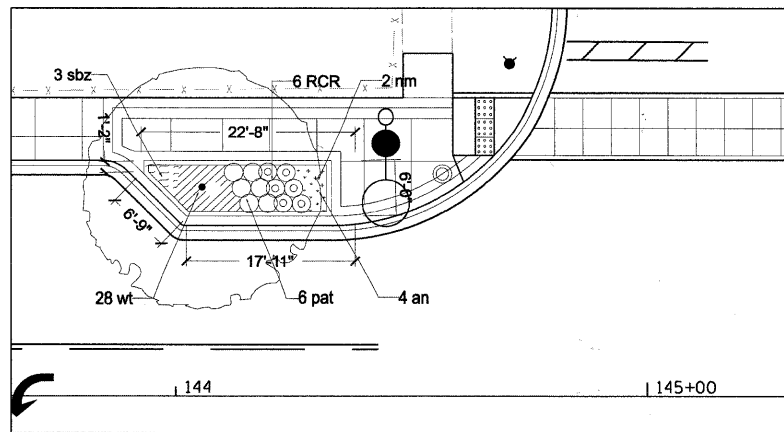
TYP. TRASH RECEPTACLES  
(BY OTHERS)

TYP. PLANTER  
(BY OTHERS)

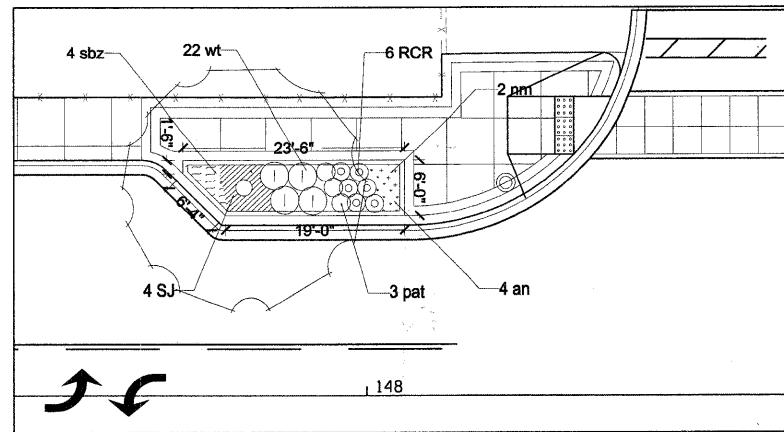
RELOCATION OF EXISTING PLANTER SHALL BE INCLUDED  
IN THE UNIT PRICE FOR CONCRETE PAVER SIDEWALK.



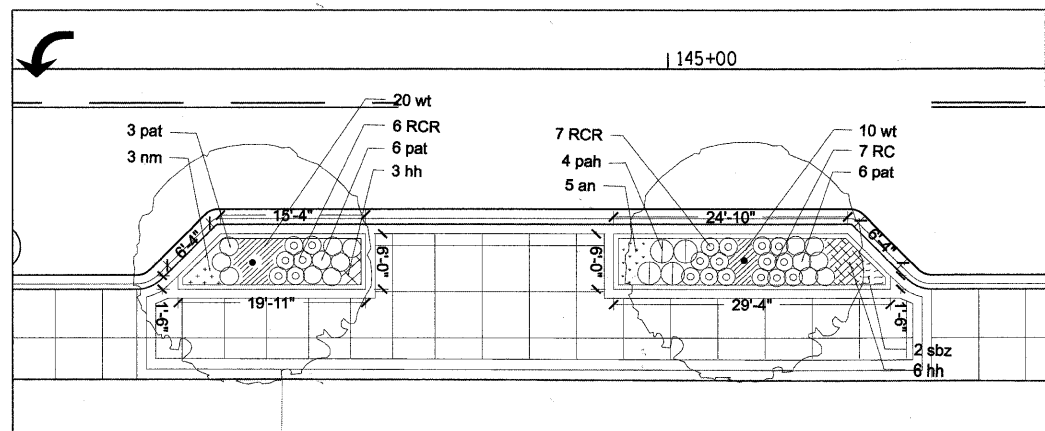
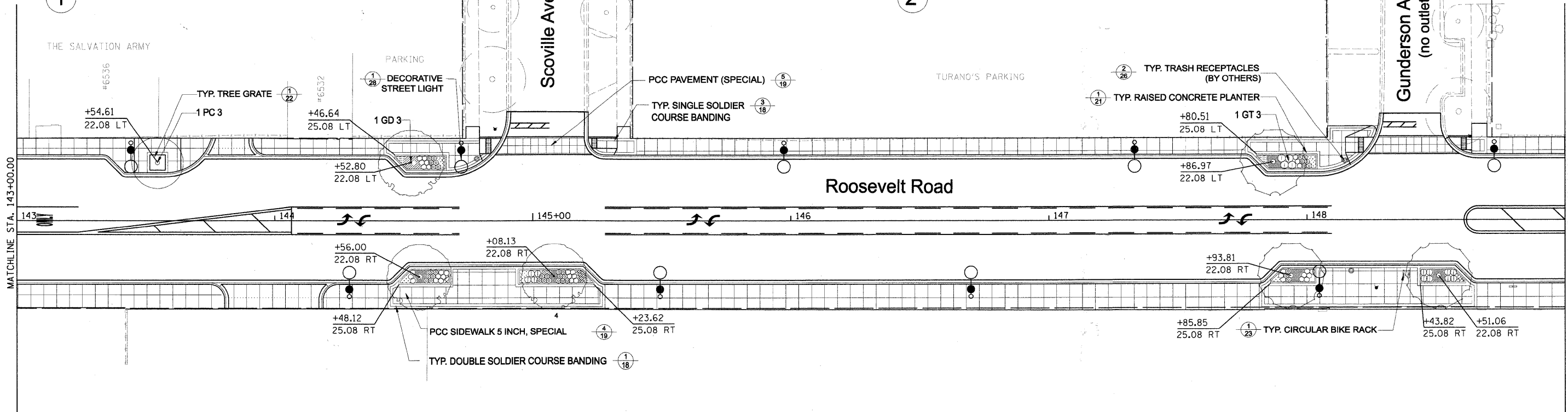
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|---------------------------------------|-----------------------------|---------------|-----------|---|-------------------------|---------------------------|--------------------------|----------------------------------|--------------------|---------------|--|--|
| FILE NAME = DIRTE38-sh-landscap29.dgn | USER NAME = IDOT            | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS   | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 174 |  |  |
|                                       | PLOT SCALE = 20.0000' / IN. | DRAWN - DG    | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. 9 OF 28 SHEETS | STA. 137+00.00 TO STA. 143+00.00 | CONTRACT NO. 63432 |               |  |  |
|                                       | PLOT DATE = 3/18/2010       | CHECKED - JB  | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                          |                                  |                    |               |  |  |
|                                       |                             | DATE          | REVISED - |   |                         |                           |                          |                                  |                    |               |  |  |



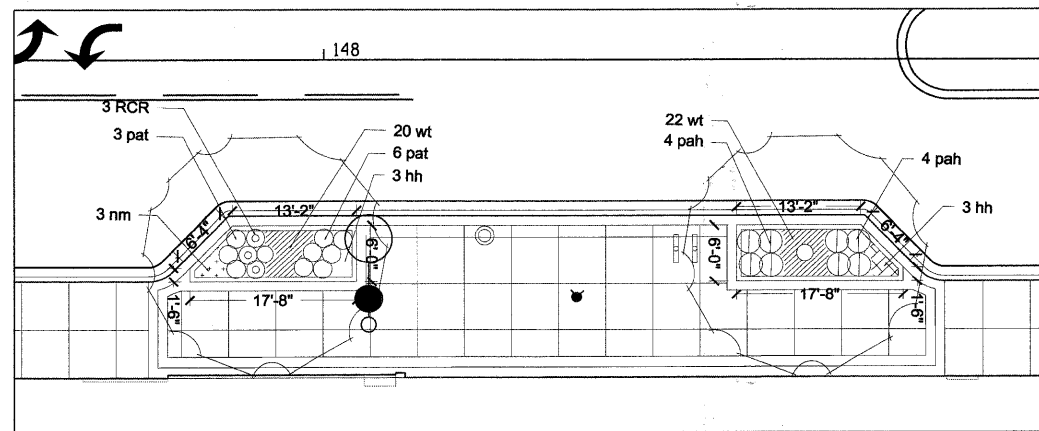
1 Planter - NWC Scoville/Roosevelt



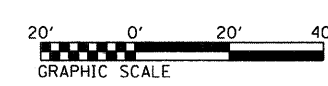
2 Planter - NWC Gunderson/Roosevelt



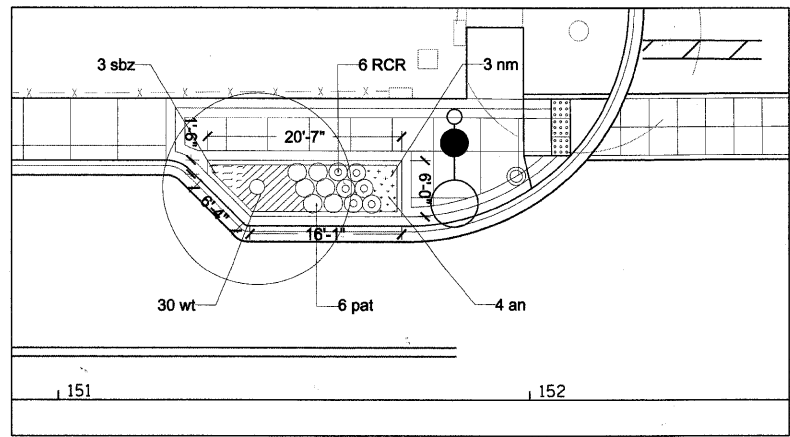
3 Planter - Scoville/Roosevelt South Side



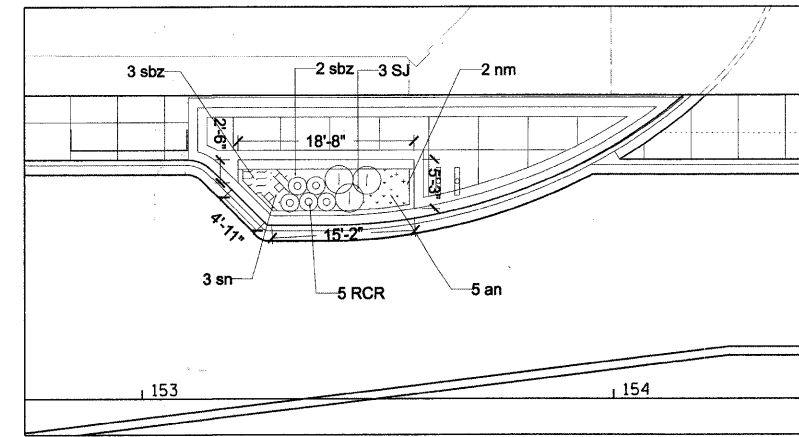
4 Planter - Gunderson/Roosevelt South Side



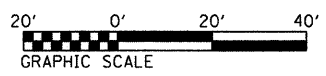
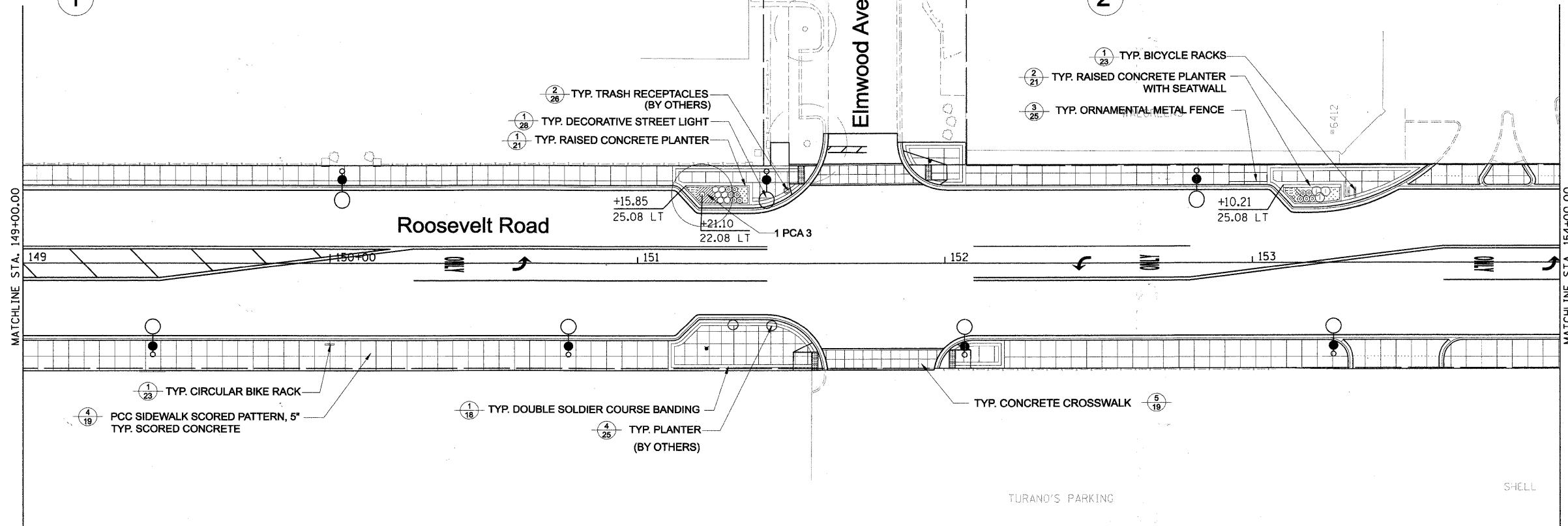
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|---------------------------------------|------------------|---------------|-----------|---|-------------------------|---------------------------|---------------------------|----------------------------------|--------------------|---------------|--|
| FILE NAME = DIRTE38-shr-landscpl2.dgn | USER NAME = IDOT | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS    | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 175 |  |
| PLOT SCALE = 20,0000' / IN.           | DRAWN - DG       | CHECKED - JB  | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. 10 OF 28 SHEETS | STA. 143+00.00 TO STA. 149+00.00 | CONTRACT NO. 63432 |               |  |
| PLOT DATE = 3/18/2010                 | DATE -           | REVISED -     | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                           |                                  |                    |               |  |
|                                       |                  |               |           |   |                         |                           |                           |                                  |                    |               |  |



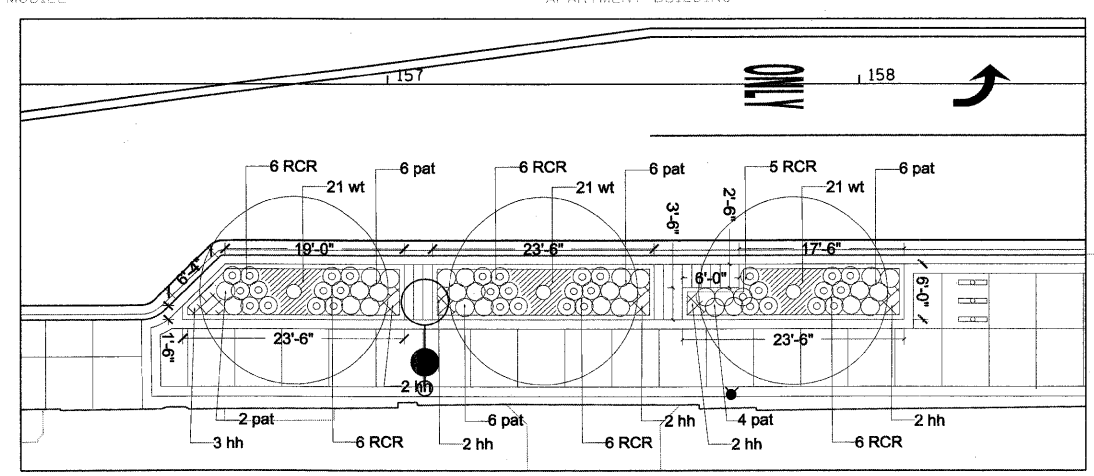
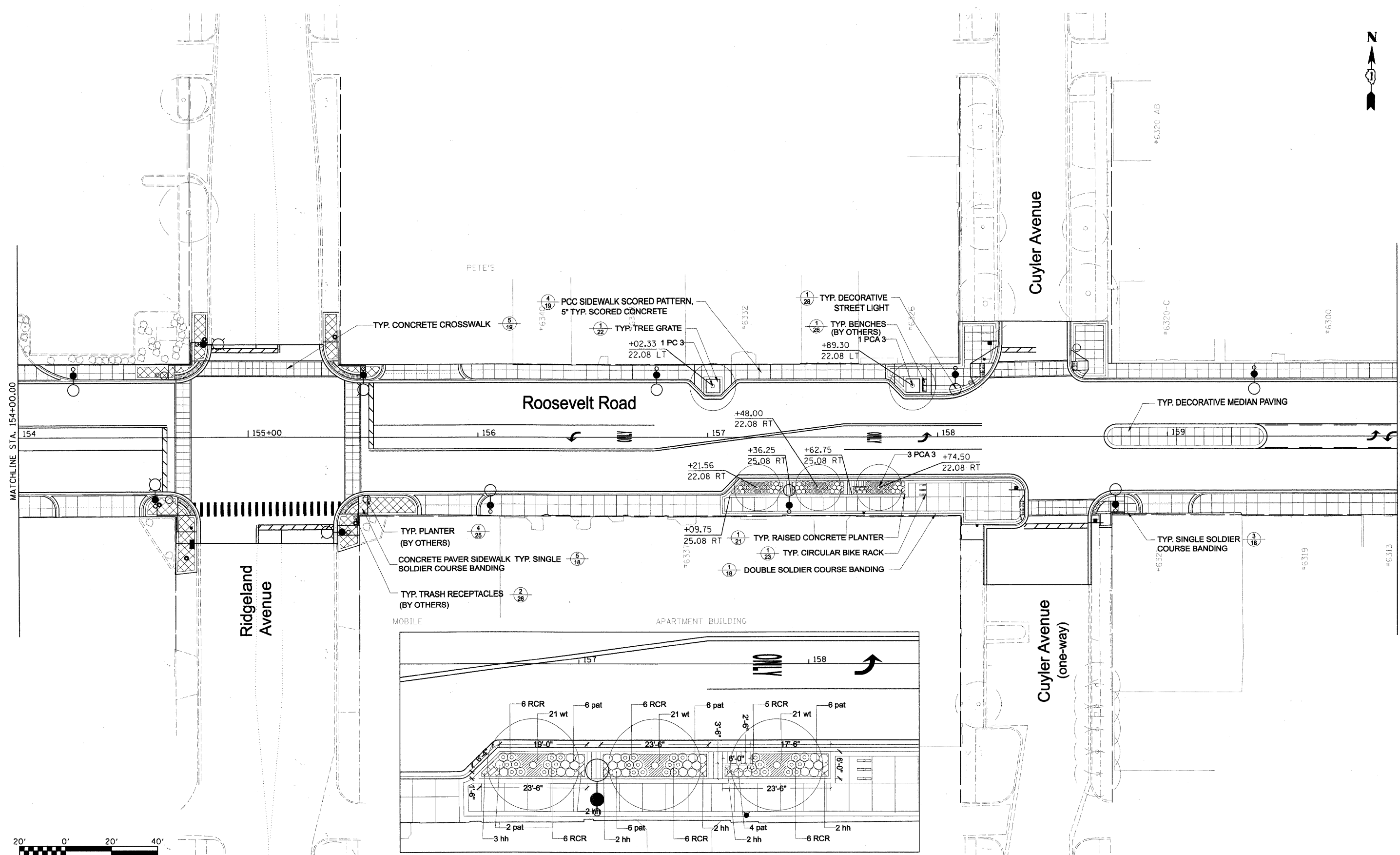
1 Planter - NWC Elmwood/Roosevelt



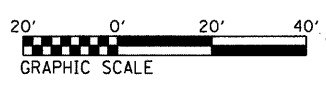
2 Planter - Walgreens/Roosevelt



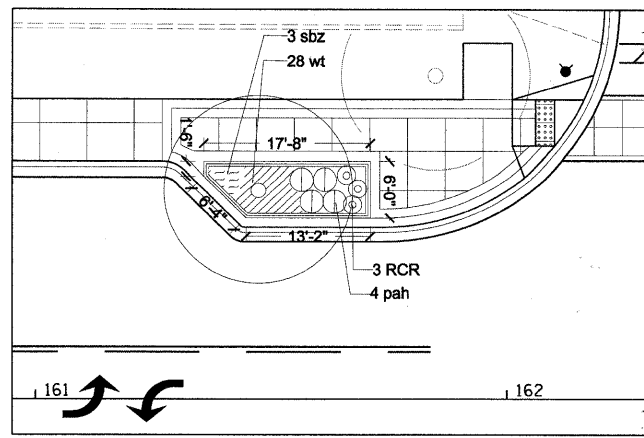
|                                       |                                  |               |           |   |                         |                   |                           |                                  |                    |                 |                           |  |
|---------------------------------------|----------------------------------|---------------|-----------|---|-------------------------|-------------------|---------------------------|----------------------------------|--------------------|-----------------|---------------------------|--|
| FILE NAME = DIRTE38-shr-landscpl1.dgn | USER NAME = ID01                 | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. = 347 | SECTION = 09-00248-00-RS  | COUNTY = COOK                    | TOTAL SHEETS = 274 | SHEET NO. = 176 |                           |  |
|                                       | PLOT SCALE = 1/8" = 20'-0" / IN. | DRAWN - DG    | REVISED - |   |                         | SCALE: 1" = 20'   | SHEET NO. 11 OF 28 SHEETS | STA. 149+00.00 TO STA. 154+00.00 | CONTRACT NO. 63432 |                 | ILLINOIS FED. AID PROJECT |  |
|                                       | PLOT DATE = 3/18/2010            | CHECKED - JB  | REVISED - |   |                         |                   |                           |                                  |                    |                 |                           |  |
|                                       |                                  | DATE -        | REVISED - |   |                         |                   |                           |                                  |                    |                 |                           |  |



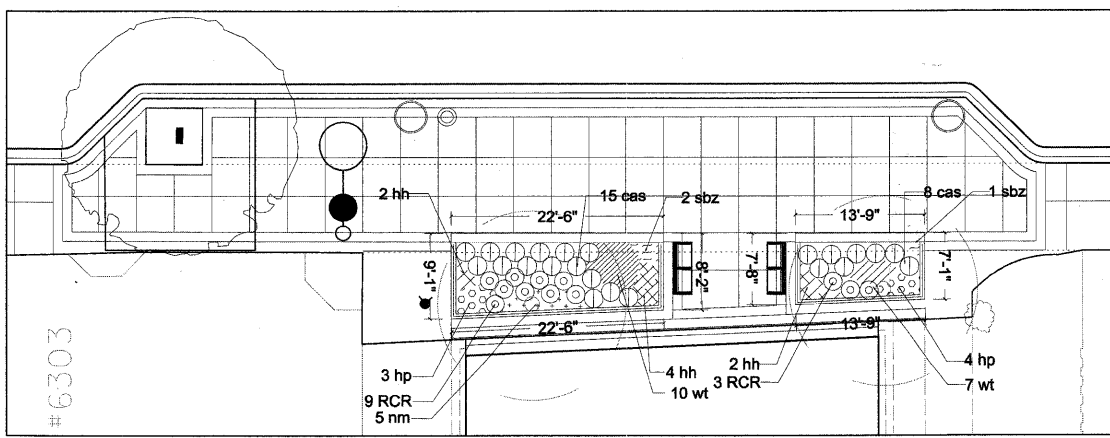
1 Planter - SWC Cuyler/Roosevelt



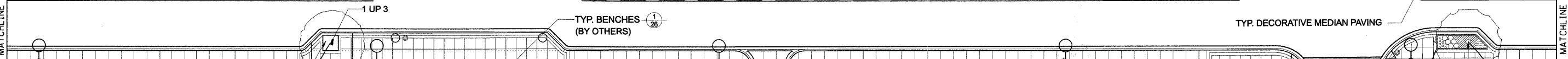
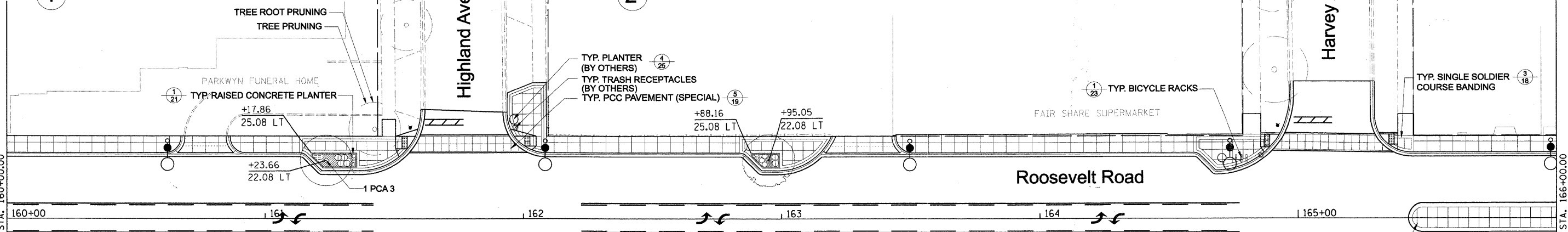
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|---------------------------------------|-------------------------------|---------------|-----------|---|-------------------------|-----------------|---------------------------|----------------------------------|--------------------|---------------|---------------------------|--|
| FILE NAME = DIRTE38-sht-landscp12.dgn | USER NAME = IDOT              | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. 347 | SECTION 09-00248-00-RS    | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 177 |                           |  |
|                                       | PLOT SCALE = 20,0000 1' / IN. | DRAWN - DC    | REVISED - |   |                         | SCALE: 1" = 20' | SHEET NO. 12 OF 28 SHEETS | STA. 154+00.00 TO STA. 160+00.00 | CONTRACT NO. 63432 |               | ILLINOIS FED. AID PROJECT |  |
|                                       | PLOT DATE = 3/18/2010         | CHECKED - JB  | REVISED - |   |                         |                 |                           |                                  |                    |               |                           |  |
|                                       |                               | DATE -        | REVISED - |   |                         |                 |                           |                                  |                    |               |                           |  |



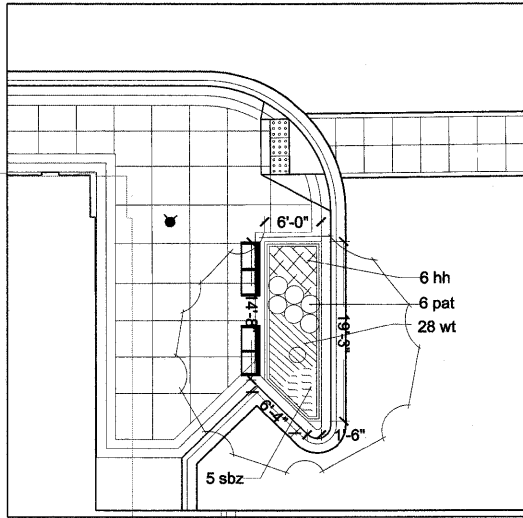
1 Planter - NWC Highland/Roosevelt



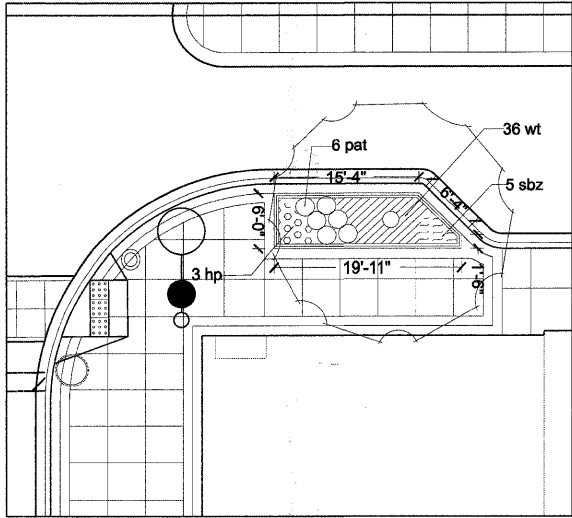
2 Planter - Highland/Roosevelt



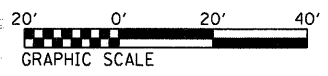
3 Planter - Fair Share Supermarket/Roosevelt



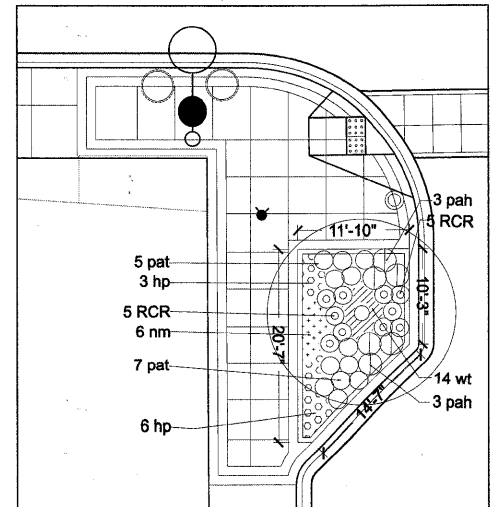
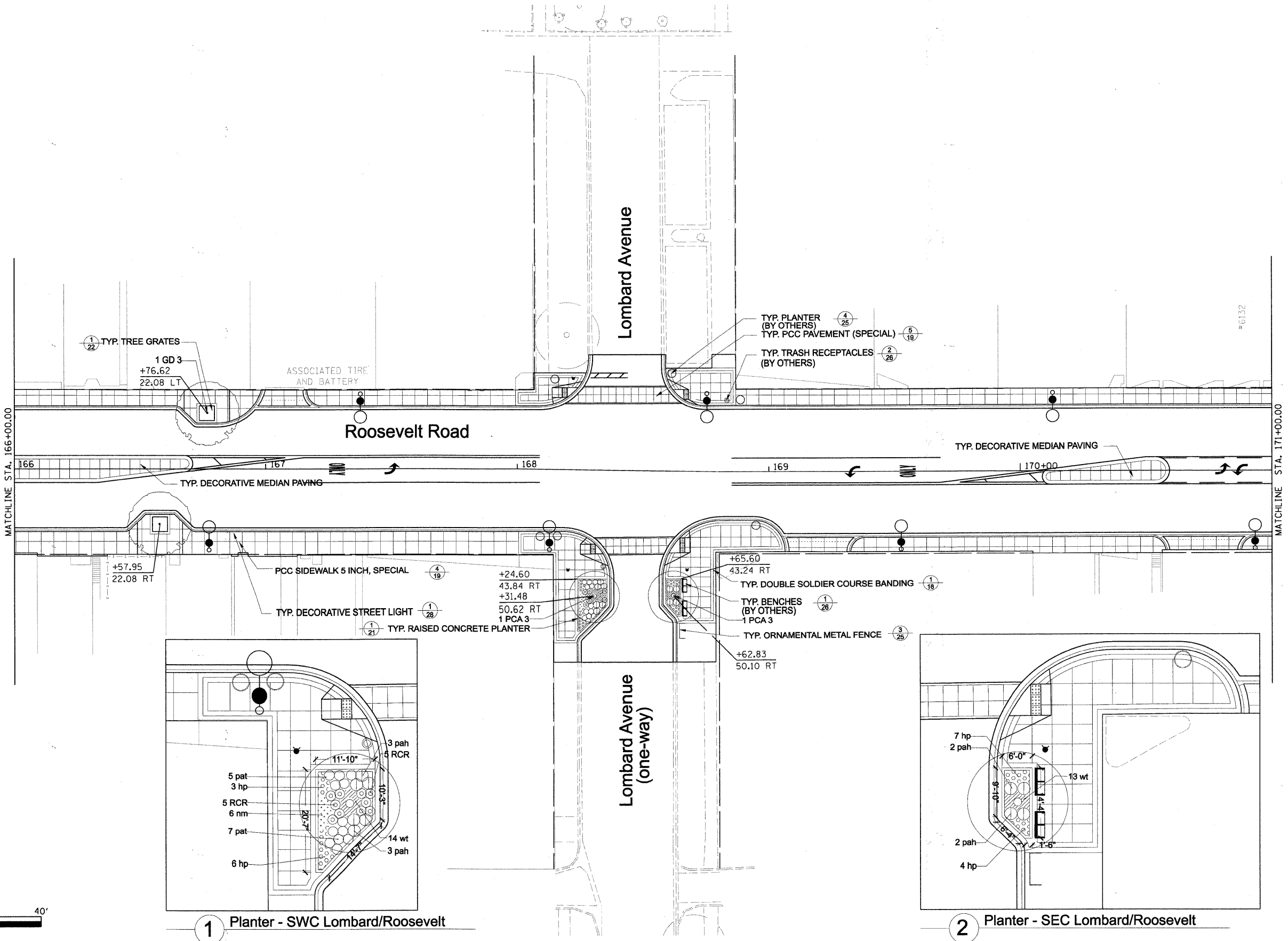
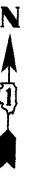
4 Planter - SWC Harvey/Roosevelt



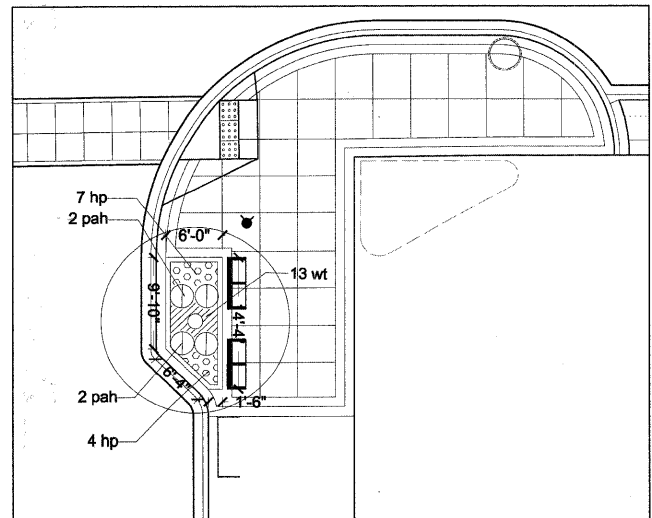
5 Planter - SEC Harvey/Roosevelt



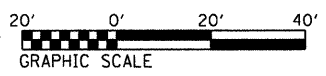
|                                       |                              |               |           |   |                         |                           |                           |                                  |                    |               |  |
|---------------------------------------|------------------------------|---------------|-----------|---|-------------------------|---------------------------|---------------------------|----------------------------------|--------------------|---------------|--|
| FILE NAME = DIRTE38-shr-landscpl3.dgn | USER NAME = IDOT             | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS    | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 178 |  |
|                                       | PLOT SCALE = 20,0000 ' / IN. | DRAWN - DG    | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. 13 OF 28 SHEETS | STA. 160+00.00 TO STA. 166+00.00 | CONTRACT NO. 63432 |               |  |
|                                       | PLOT DATE = 3/19/2010        | CHECKED - JB  | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                           |                                  |                    |               |  |
|                                       |                              | DATE -        | REVISED - |   |                         |                           |                           |                                  |                    |               |  |



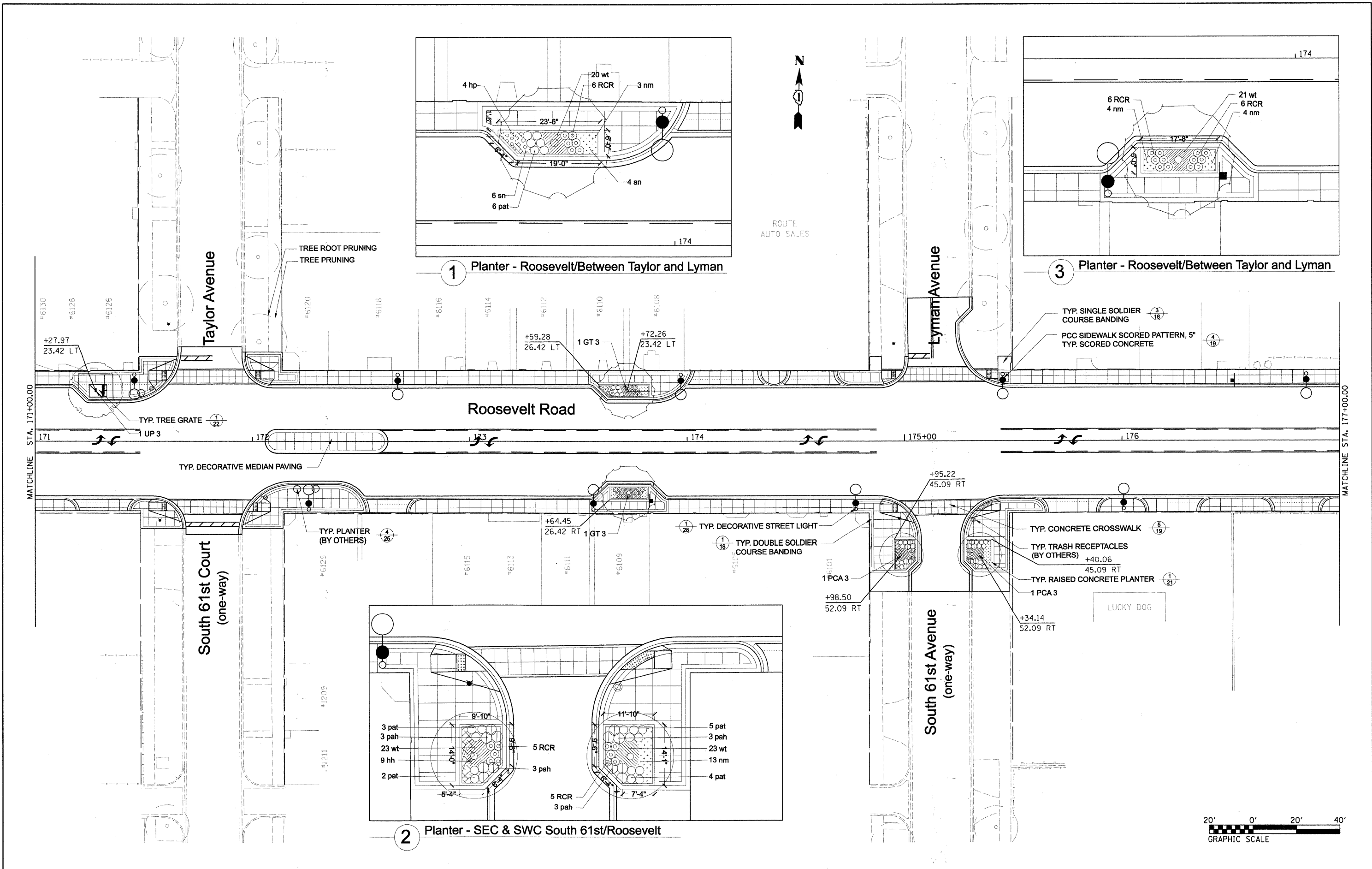
**1** Planter - SWC Lombard/Roosevelt



**2** Planter - SEC Lombard/Roosevelt



|                                       |                              |               |           |   |                         |                           |                           |                                  |                    |               |  |
|---------------------------------------|------------------------------|---------------|-----------|---|-------------------------|---------------------------|---------------------------|----------------------------------|--------------------|---------------|--|
| FILE NAME = DIRTE38-sht-landscpl4.dgn | USER NAME = IDGT             | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-R5    | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 179 |  |
|                                       | PLOT SCALE = 20,0000 ' / IN. | DRAWN - DG    | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. 14 OF 28 SHEETS | STA. 166+00.00 TO STA. 171+00.00 | CONTRACT NO. 63432 |               |  |
|                                       | PLOT DATE = 3/18/2010        | CHECKED - JB  | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                           |                                  |                    |               |  |
|                                       |                              | DATE -        | REVISED - |   |                         |                           |                           |                                  |                    |               |  |



FILE NAME = DIRTE38-sh-landscap15.dgn

USER NAME = IDOT  
 PLOT SCALE = 20,0000 1/ IN.  
 PLOT DATE = 3/18/2010

DESIGNED - SC  
 DRAWN - DC  
 CHECKED - JB  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

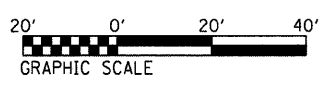
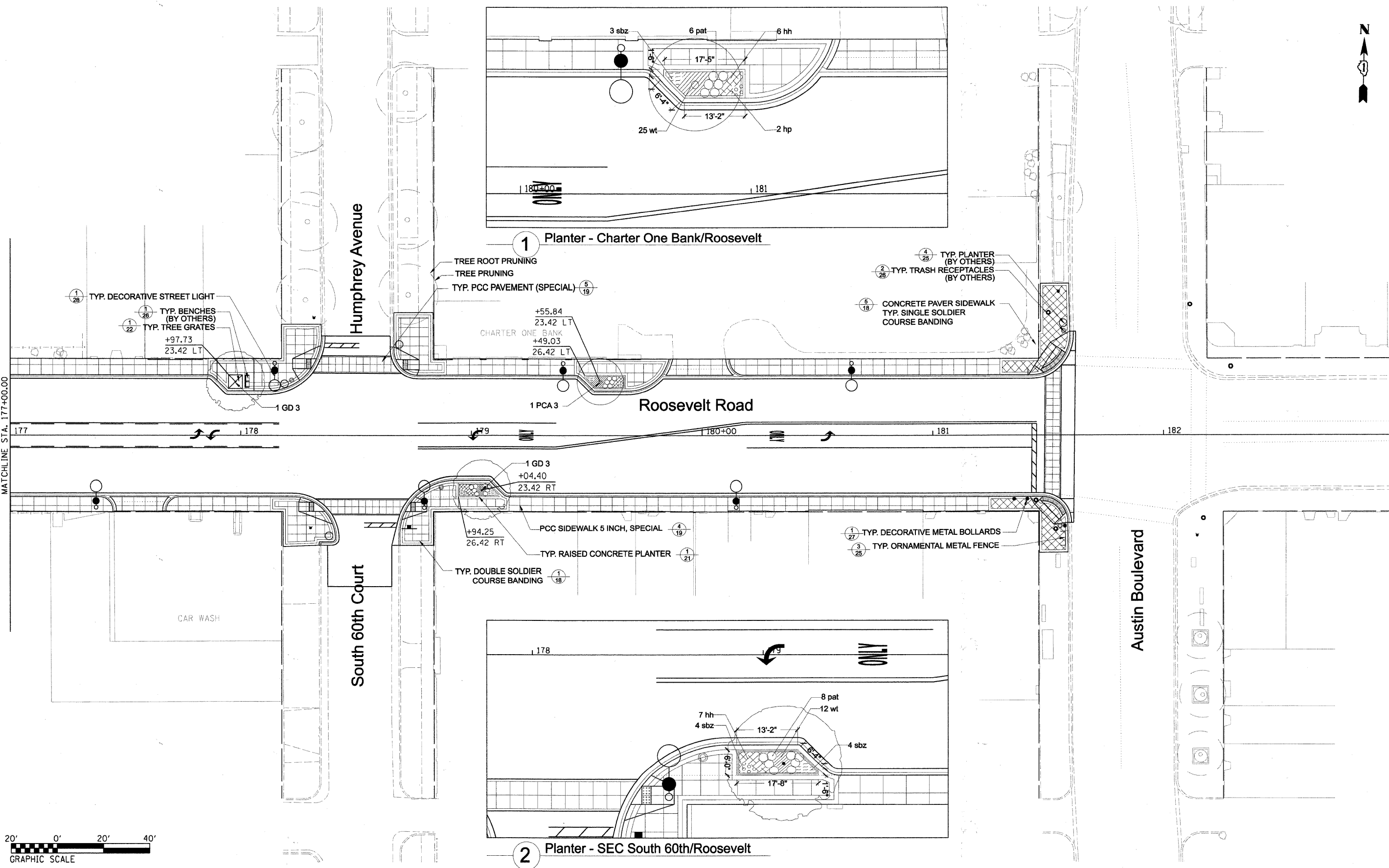
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN**

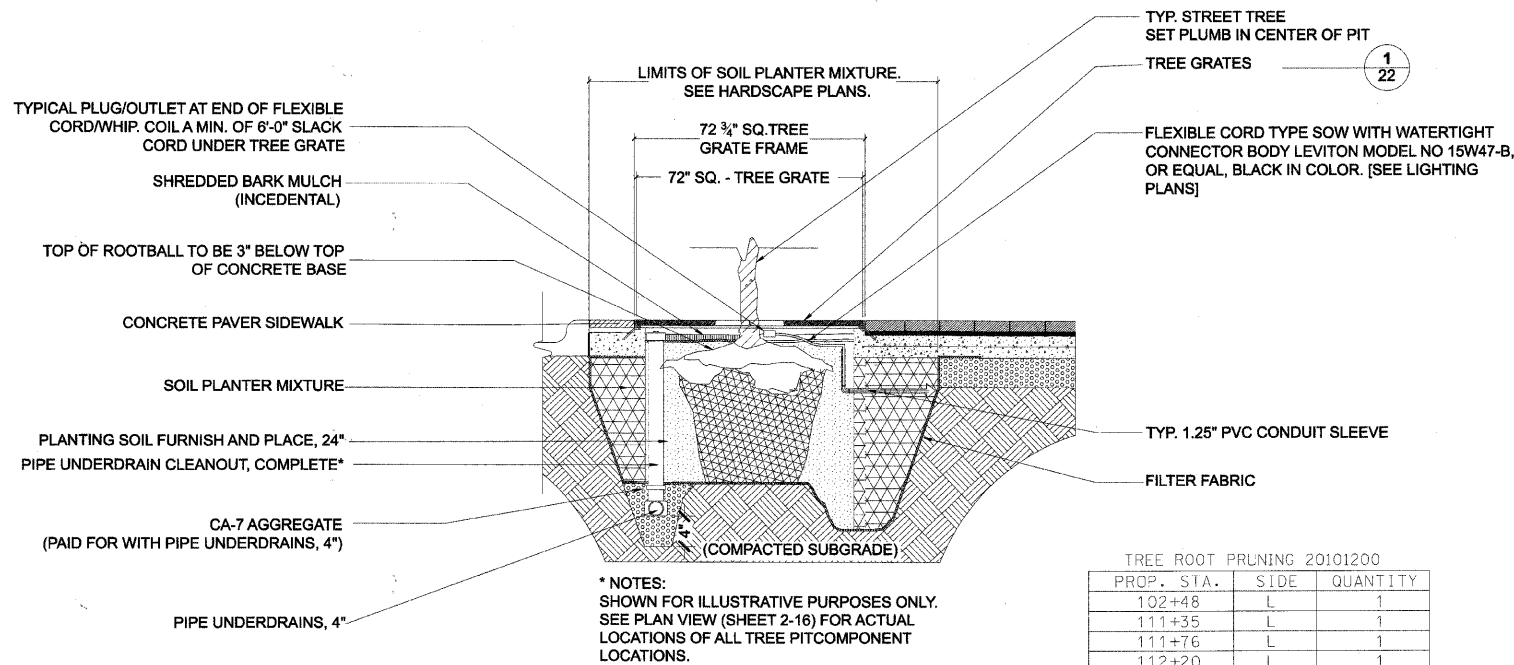
SCALE: 1" = 20' SHEET NO. 15 OF 28 SHEETS STA. 171+00.00 TO STA. 177+00.00

| F.A.P. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 347                | 09-00248-00-R5 | COOK   | 274                       | 180       |
| CONTRACT NO. 63432 |                |        | ILLINOIS FED. AID PROJECT |           |

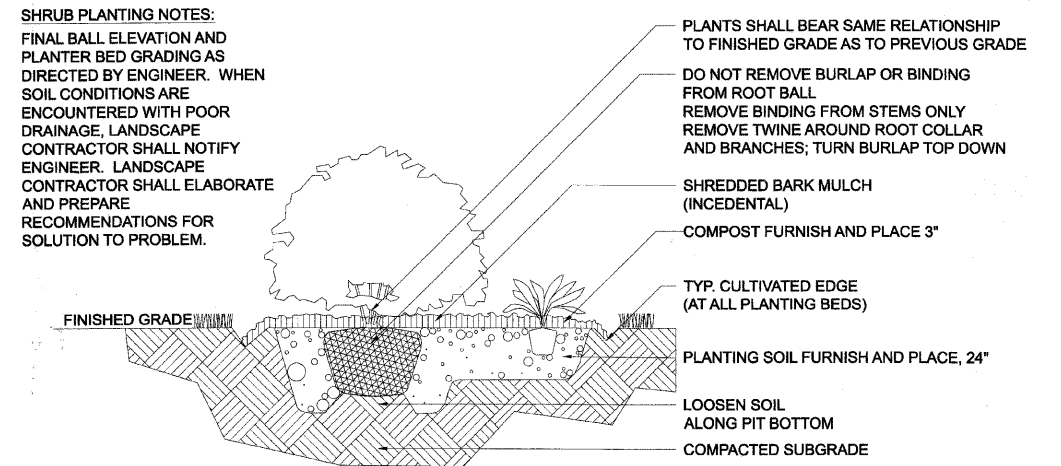




|  |                       |               |           |   |                         |                           |                           |                                  |                    |               |  |  |
|--|-----------------------|---------------|-----------|---|-------------------------|---------------------------|---------------------------|----------------------------------|--------------------|---------------|--|--|
| FILE NAME = DIRTE38-shv-landscap16.dgn | USER NAME = IDOT      | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPING PLAN</b> | F.A.P. RTE. 347           | SECTION 09-00248-00-RS    | COUNTY COOK                      | TOTAL SHEETS 274   | SHEET NO. 181 |  |  |
| PLOT SCALE = 1/8" = 1'-0"              | PLOT DATE = 3/18/2010 | DRAWN - DG    | REVISED - |   |                         | SCALE: 1" = 20'           | SHEET NO. 16 OF 28 SHEETS | STA. 177+00.00 TO STA. 181+61.84 | CONTRACT NO. 63432 |               |  |  |
| CHECKED - JB                           | DATE -                | REVISED -     | REVISED - |   |                         | ILLINOIS FED. AID PROJECT |                           |                                  |                    |               |  |  |
|  |                       |               |           |   |                         |                           |                           |                                  |                    |               |  |  |



1 Typical Tree Pit Detail  
Scale: NTS



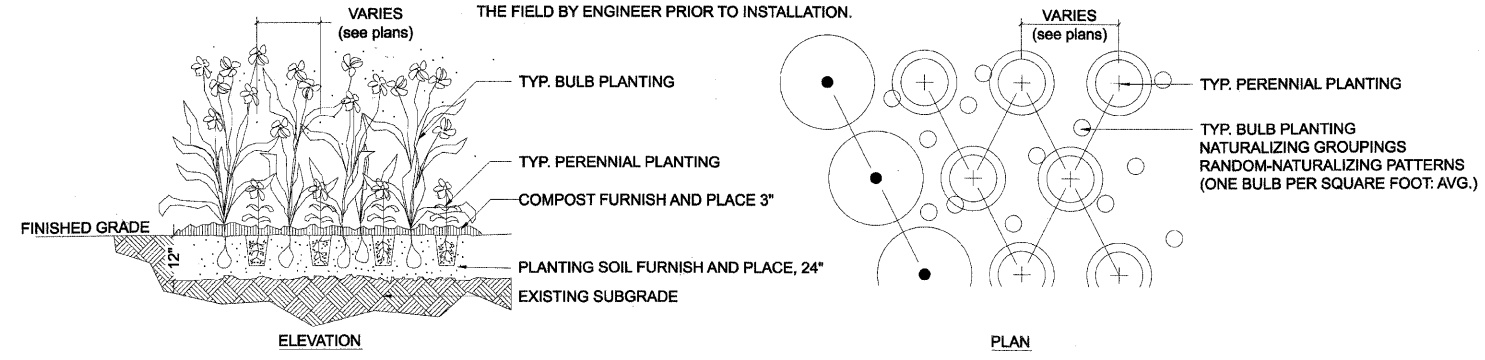
2 Typical Shrub Planting Detail  
Scale: NTS

TREE ROOT PRUNING 20101200

| PROP. STA. | SIDE | QUANTITY |
|------------|------|----------|
| 102+48     | L    | 1        |
| 111+35     | L    | 1        |
| 111+76     | L    | 1        |
| 112+20     | L    | 1        |
| 112+67     | L    | 1        |
| 113+55     | L    | 1        |
| 113+77     | L    | 1        |
| 117+35     | L    | 1        |
| 121+03     | R    | 1        |
| 124+60     | L    | 1        |
| 125+08     | L    | 1        |
| 135+73     | R    | 1        |
| 136+29     | R    | 1        |
| 136+75     | R    | 1        |
| 137+76     | R    | 1        |
| 138+17     | L    | 1        |
| 161+42     | L    | 1        |
| 161+63     | R    | 1        |
| 162+00     | R    | 1        |
| 172+03     | L    | 1        |
| 178+73     | L    | 1        |
| TOTAL      |      | 21       |

PERENNIAL/GROUNDCOVER PLANTING NOTES:  
FINAL BALL ELEVATION AND PLANTER BED GRADING AS DIRECTED BY ENGINEER. WHEN SOIL CONDITIONS ARE ENCOUNTERED WITH POOR DRAINAGE, LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT. LANDSCAPE CONTRACTOR SHALL ELABORATE AND PREPARE RECOMMENDATIONS FOR SOLUTION TO PROBLEM.

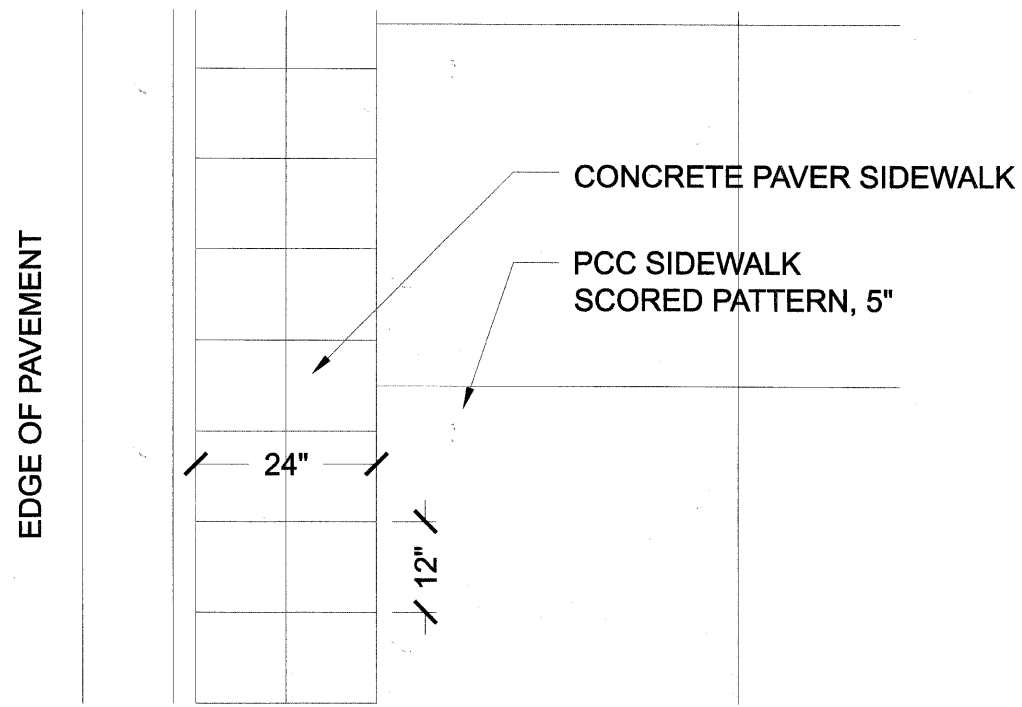
PERENNIAL PLANTING LAYOUTS TO BE APPROVED IN THE FIELD BY ENGINEER PRIOR TO INSTALLATION.



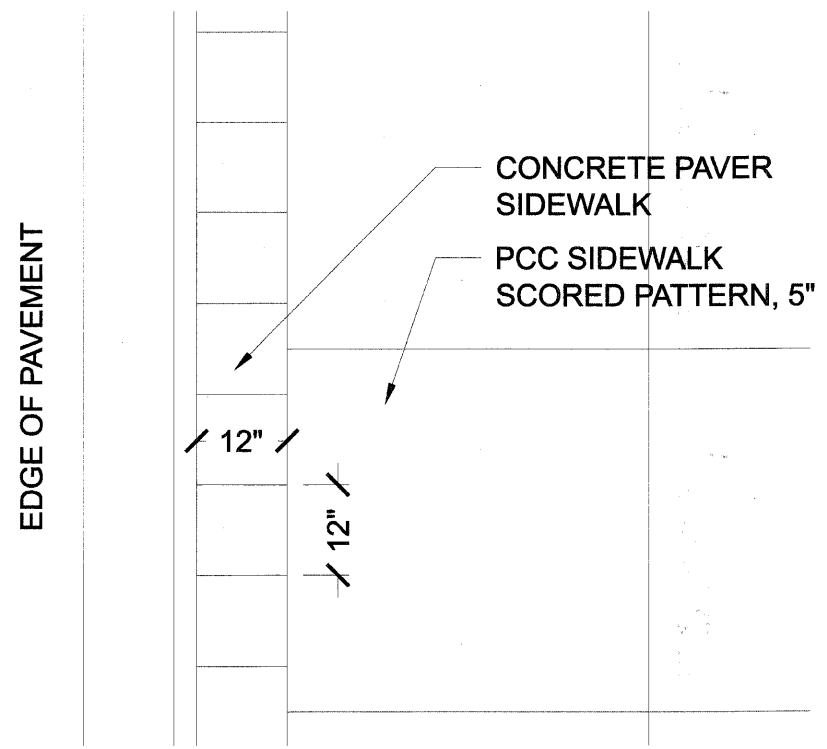
3 Typical Perennial/Groundcover Planting Detail  
Scale: NTS

| Symbol                       | Qty | Units | Botanic Name                            | Common Name                   | Size       | Remarks              |
|------------------------------|-----|-------|---|-------------------------------|------------|----------------------|
| <b>DECIDUOUS SHADE TREES</b> |     |       |   |                               |            |                      |
| GB 3                         | 7   |       | Ginkgo biloba                           | Ginkgo (Male)                 | 3" caliper | B&B                  |
| GD 3                         | 14  |       | Gymnocladus dioica                      | Kentucky Coffee Tree          | 3" caliper | B&B, Multi-Stem      |
| GT 3                         | 14  |       | Gleditsia triacanthos inermis 'Skyline  | Skyline Thornless Honeylocust | 3" caliper | B&B                  |
| PC 3                         | 2   |       | Pyrus calleryana 'Chanticleer'          | Chanticleer Pear              | 3" caliper | B&B, spring dig only |
| PCA 3                        | 19  |       | Pyrus calleryana 'Aristocrat'           | Aristocrat Pear               | 3" caliper | B&B, spring dig only |
| UP 3                         | 6   |       | Ulmus X Patriot                         | Patriot Elm                   | 3" caliper | B&B                  |
| <b>DECIDUOUS SHRUBS</b>      |     |       |   |                               |            |                      |
| RCR                          | 235 |       | Rosa 'Flower Carpet Red'                | Flower Carpet Red Shrub Ros   | 3 gal.     | CG                   |
| SJ                           | 13  |       | Spiraea japonica 'Little Princess'      | Little Princess Spirea        | 18" ht.    | CG                   |
| <b>PERENNIALS PLANTS</b>     |     |       |   |                               |            |                      |
| an                           | 30  | 0.30  | Aster novae-angliae                     | Purple Dome New England As    | 1 gal.     | CG                   |
| cas                          | 23  | 0.23  | Calamagrostis acutifolia 'Stricta'      | Feather Reed Grass            | 1 gal.     | CG                   |
| hh                           | 116 | 1.16  | Hemerocallis 'Happy Returns'            | Happy Returns Daylily         | 1 gal.     | CG                   |
| hp                           | 75  | 0.75  | Heuchera micrantha 'Purple Palace'      | Purple Palace Coral Bells     | 1 gal.     | CG                   |
| nm                           | 92  | 0.92  | Nepata x mussini 'Blue Wonder'          | Blue Wonder Catmint           | 1 gal.     | CG                   |
| pah                          | 118 | 1.14  | Penisetum alopecuroides 'Hamelr'        | Dwarf Fountain Grass          | 1 gal.     | CG                   |
| pat                          | 188 | 1.88  | Perovskia atriplicifolia 'Little Spire' | Little Spire Russian Sage     | 1 gal.     | CG                   |
| sbz                          | 90  | 0.90  | Stachys byzantium                       | Lamb's Ears                   | 1 gal.     | CG                   |
| sn                           | 12  | 0.12  | Salvia nemorosa 'East Friesland'        | East Friesland Sage           | 1 gal.     | CG                   |
| <b>GROUNDCOVERS</b>          |     |       |   |                               |            |                      |
| wt                           | 892 | 8.94  | Waldsteinia ternata                     | Barren Strawberry             | quart      | 16" o.c. spacing     |

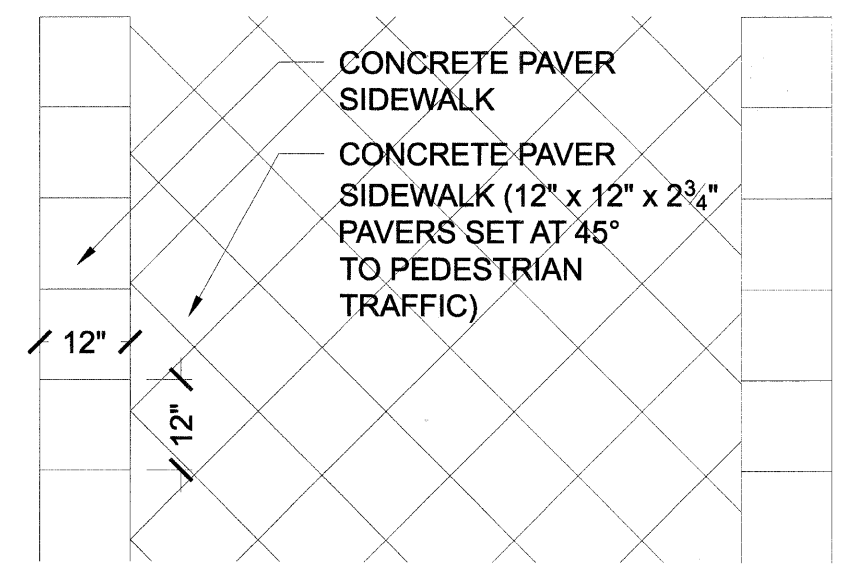
4 Plant Schedule  
Scale: NTS



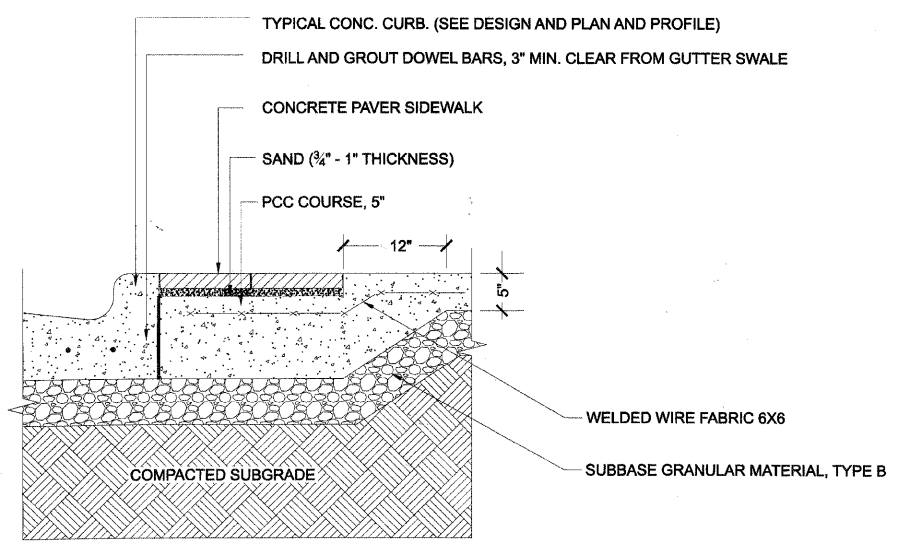
1 Typical Concrete Paver Sidewalk  
Scale: 1"=2'



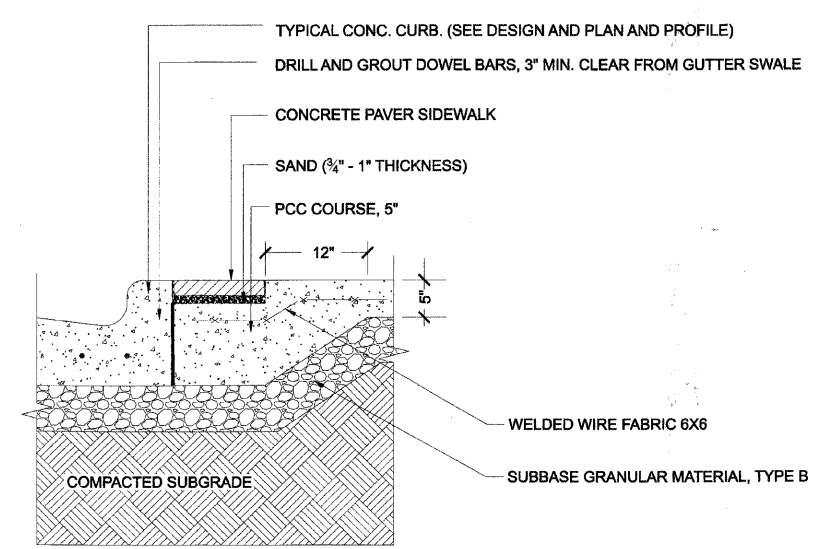
3 Typical Concrete Paver Sidewalk  
Scale: 1"=2'



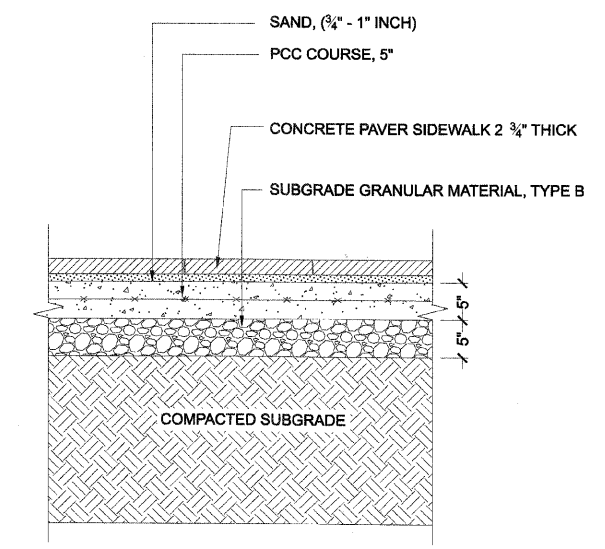
5 Typical Concrete Paver Sidewalk  
Scale: 1"=2'



2 Typical 24" Double Paver Soldier Course - SECTION  
Scale: 1"=2'



4 Typical 12" Single Paver Soldier Course - SECTION  
Scale: 1"=2'



6 Typical Paver Field - SECTION  
Scale: 1"=2'

FILE NAME = DIRTE38-ph-t-landscpl8.dgn

USER NAME = IDCT  
PLOT SCALE = 22,0000 / IN.  
PLOT DATE = 3/11/2012

DESIGNED - SC  
DRAWN - DG  
CHECKED - JB  
DATE -

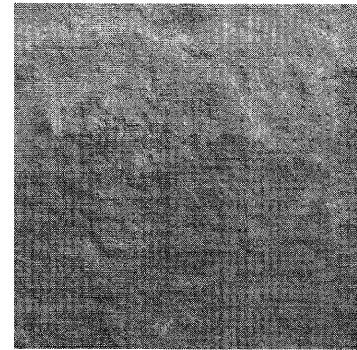
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

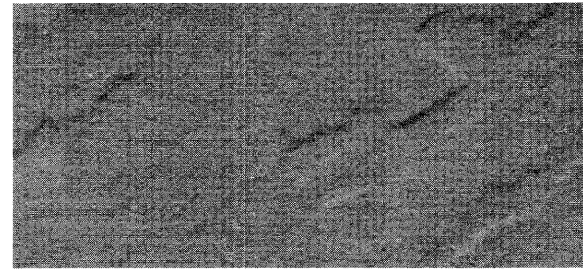
SCALE: 1" = 2' SHEET NO. 18 OF 28 SHEETS STA. TO STA.

|                    |                        |             |                           |               |
|--------------------|------------------------|-------------|---------------------------|---------------|
| F.A.P. RTE. 347    | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274          | SHEET NO. 183 |
| CONTRACT NO. 63432 |                        |             | ILLINOIS FED. AID PROJECT |               |



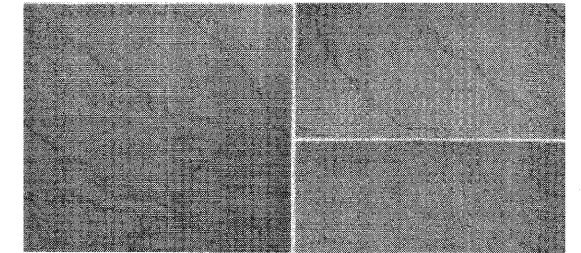
WAUSAU TILE 12" x 12" STONEY CREEK 2228

1 Wausau Tile Stoney Creek 12" x 12" Paver  
Scale: NTS



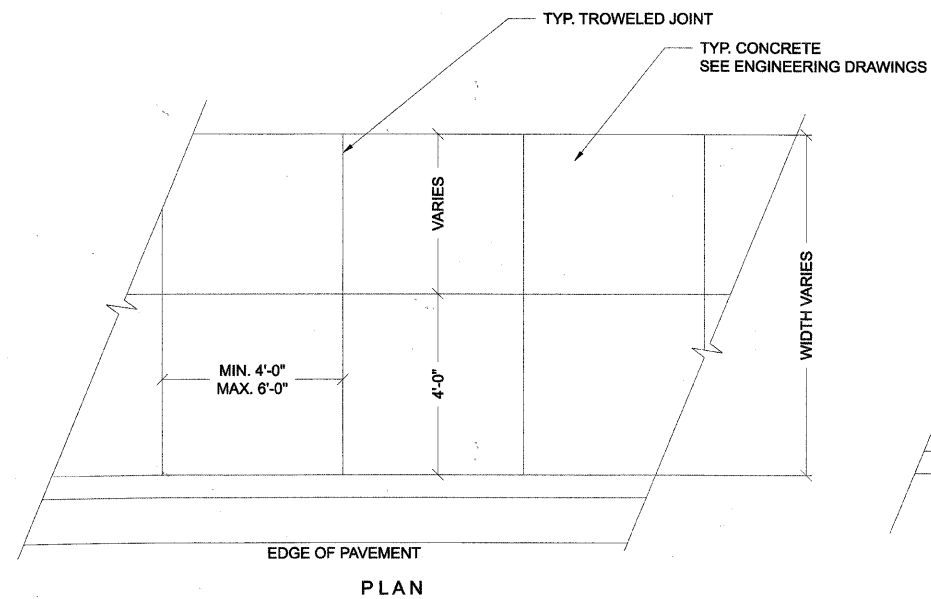
HANOVER SLATEFACE BLUESTONE 12" x 12" (#M2734)

2 Hanover Slateface Bluestone Paver (Approved Equal)  
Scale: NTS

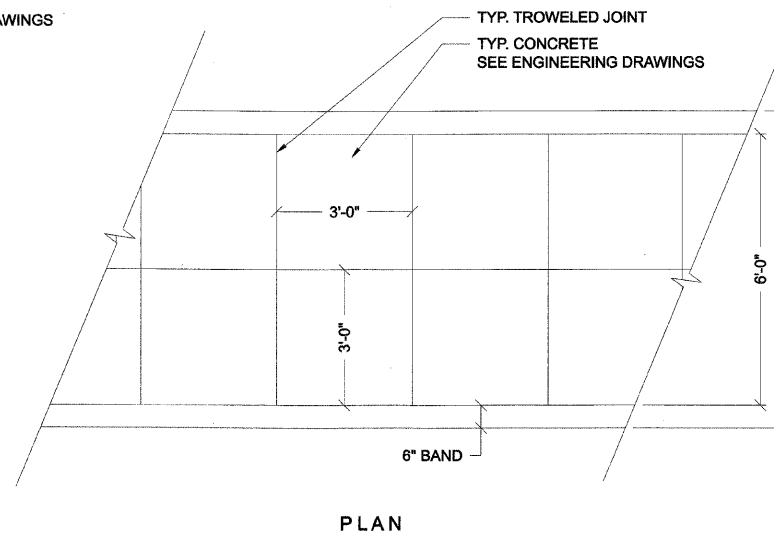


STEPSTONE SONORASTONE - FLINT COLOR 12" x 12"

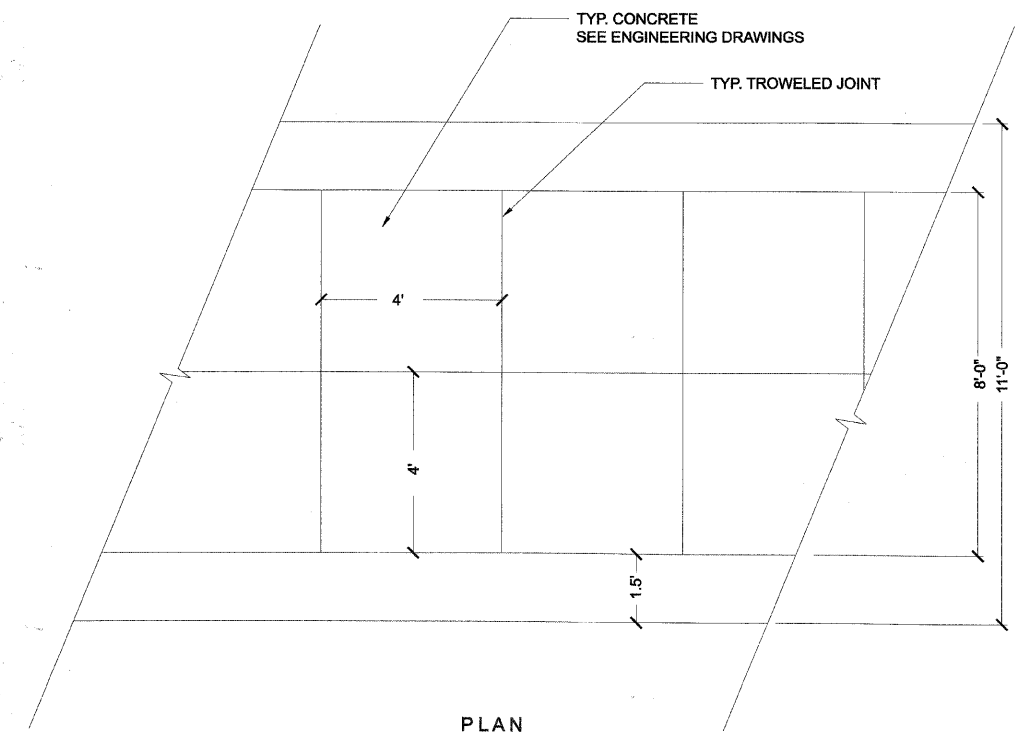
3 Unilock Paver (Approved Equal)  
Scale: NTS



4 Concrete Paver Sidewalk  
Scale: 1"=4'

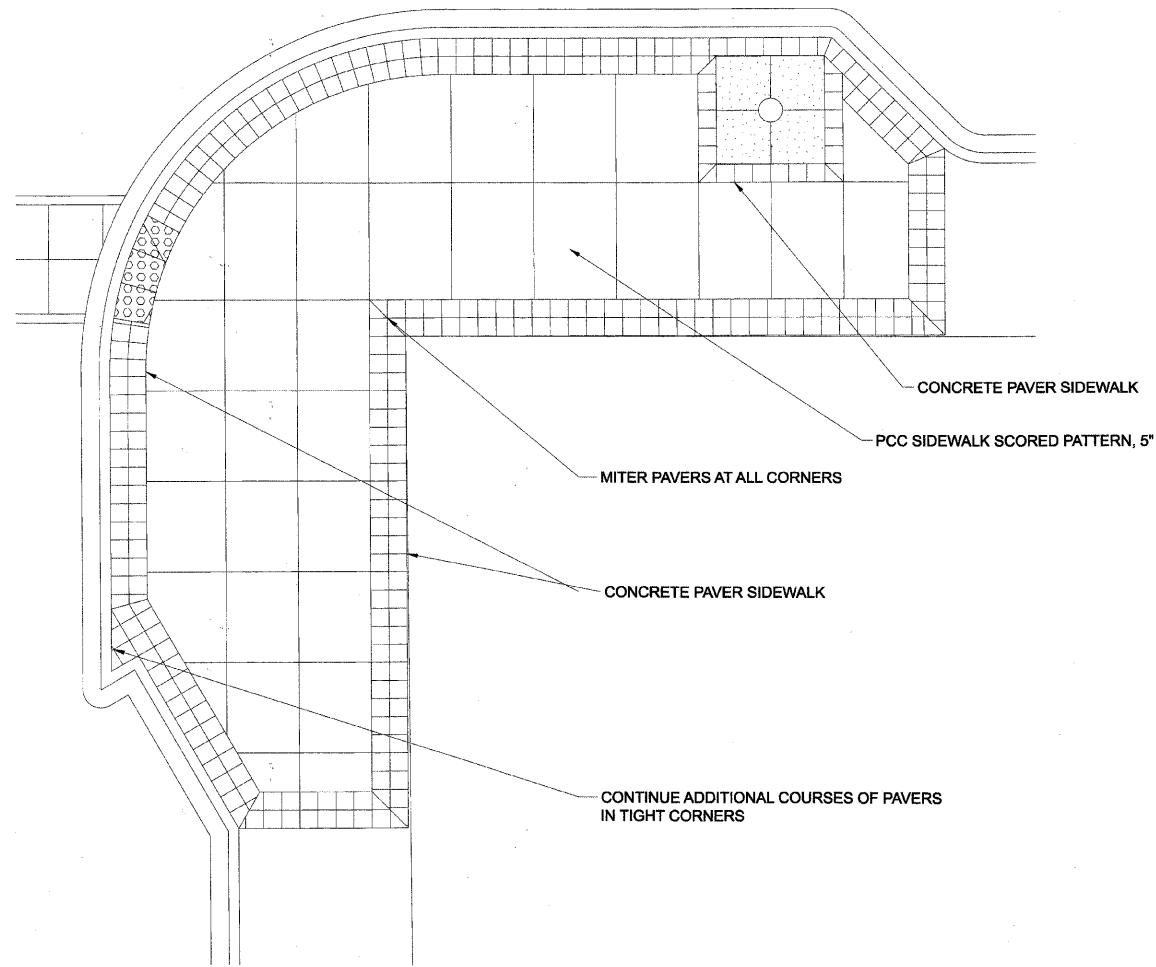


5 Patterned Concrete Crosswalk  
Scale: 1"=4'

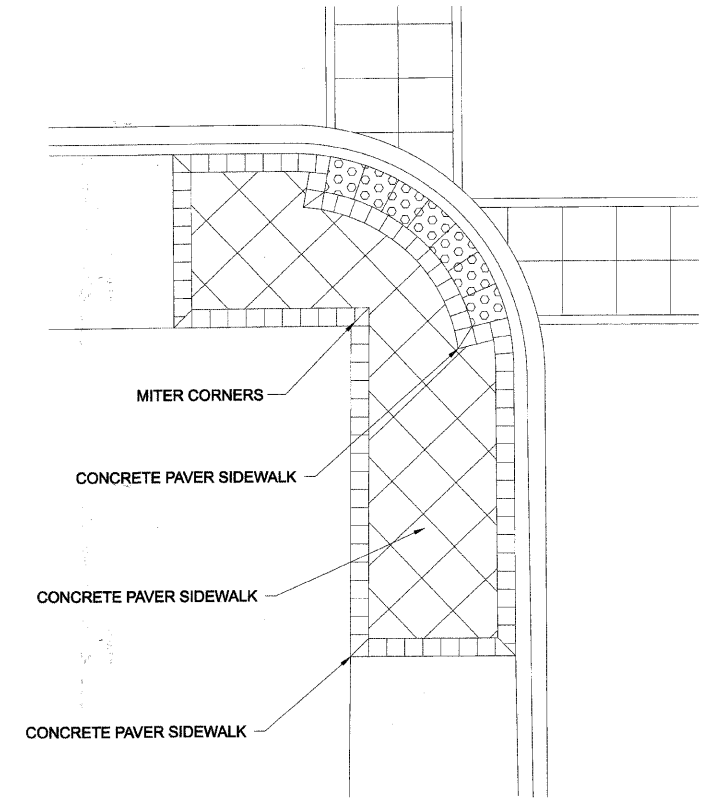


6 Decorative Median Paving  
Scale: 1"=4'

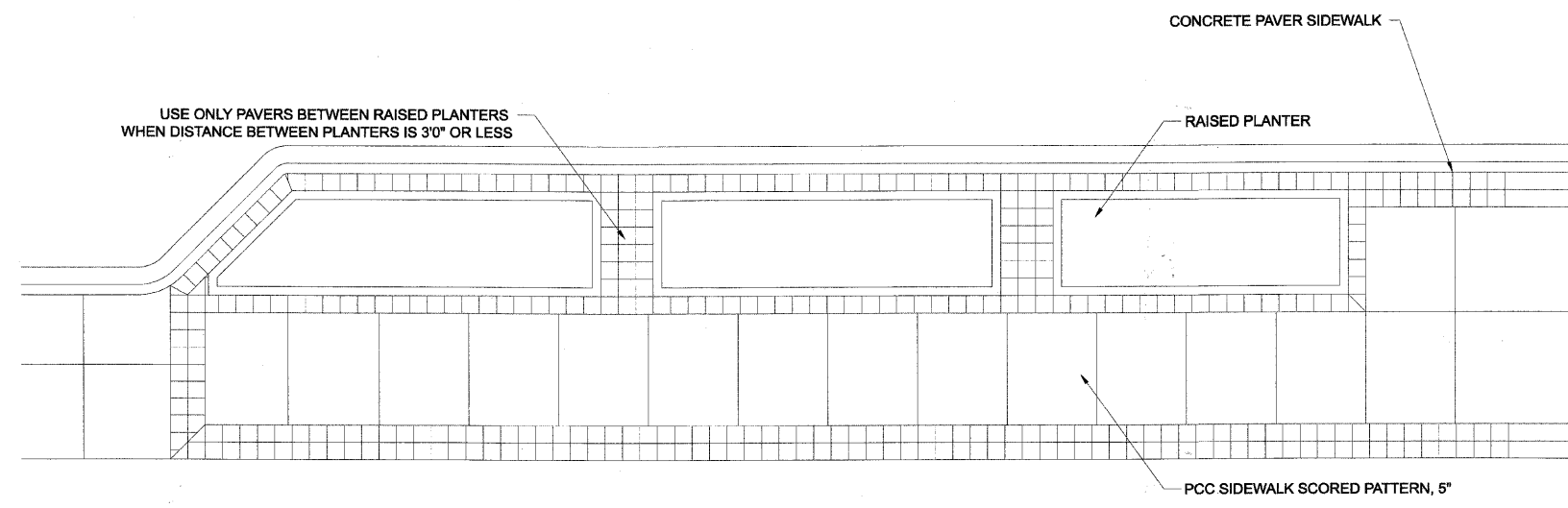
|                                       |                              |               |           |   |                          |                           |      |                 |                        |             |                           |               |
|---------------------------------------|------------------------------|---------------|-----------|---|--------------------------|---------------------------|------|-----------------|------------------------|-------------|---------------------------|---------------|
| FILE NAME = DIRTE38-shc-landscpl9.dgn | USER NAME = IDOT             | DESIGNED - SC | REVISIONS | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPE DETAILS</b> |                           |      | F.A.P. RTE. 347 | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274          | SHEET NO. 184 |
|                                       | PLOT SCALE = 20.0000 1 / IN. | DRAWN - DG    | REVISIONS |   | SCALE:                   | SHEET NO. 19 OF 28 SHEETS | STA. | TO STA.         | CONTRACT NO. 63432     |             | ILLINOIS FED. AID PROJECT |               |
|                                       | PLOT DATE = 3/11/2010        | CHECKED - JB  | REVISIONS |   |                          |                           |      |                 |                        |             |                           |               |
|                                       |                              | DATE          | REVISIONS |   |                          |                           |      |                 |                        |             |                           |               |



**1** Typical Corner Banding Treatment  
Scale: 1"=10'



**2** Typical Full Corner Paving Treatment  
Scale: 1"=10'



**3** Paver Treatment Adjacent to Raised Planters  
Scale: 1"=10'

FILE NAME =  
DIRTE38+sh+landscp20.dgn

USER NAME = IDOT  
PLOT SCALE = 20.0000' / IN.  
PLOT DATE = 3/11/2010

DESIGNED - SC  
DRAWN - DG  
CHECKED - JB  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

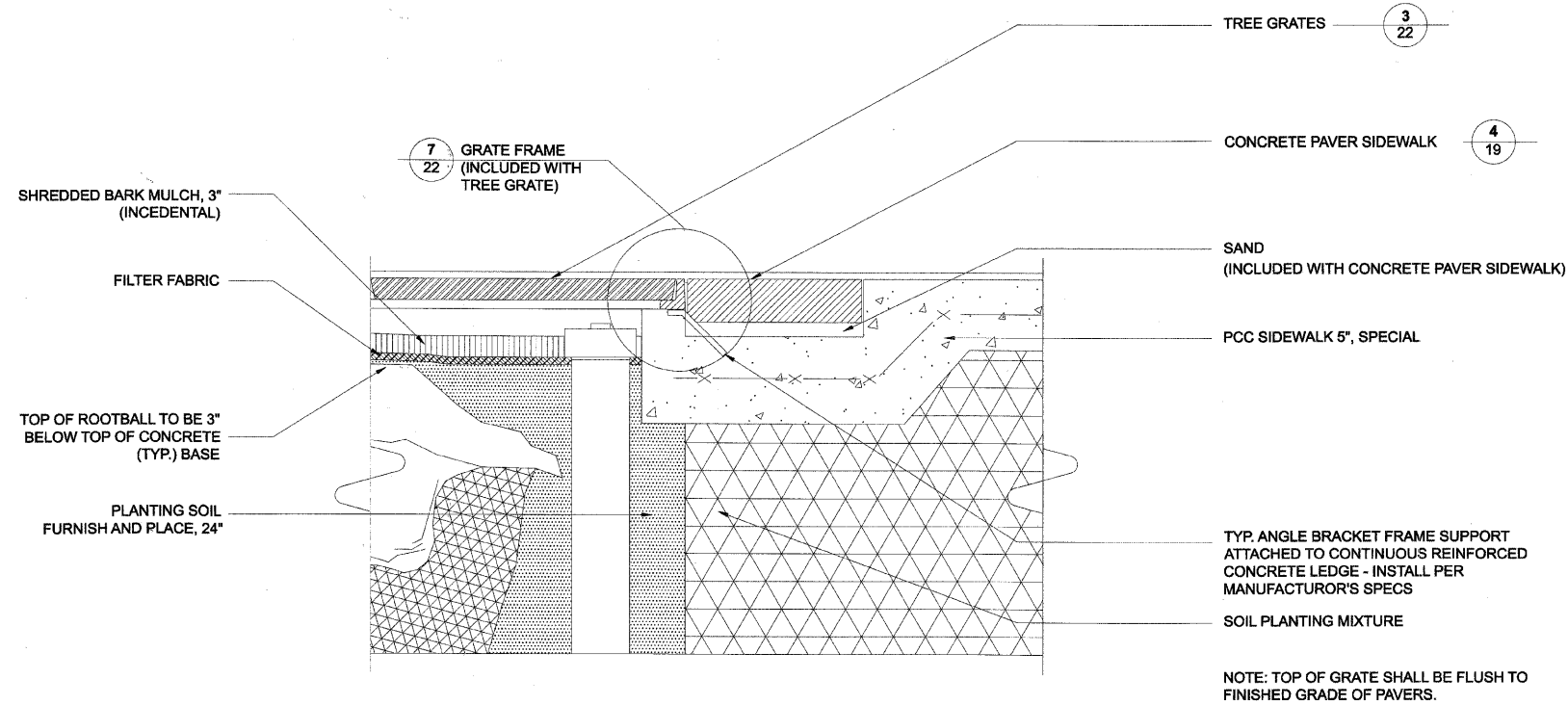
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LANDSCAPE DETAILS

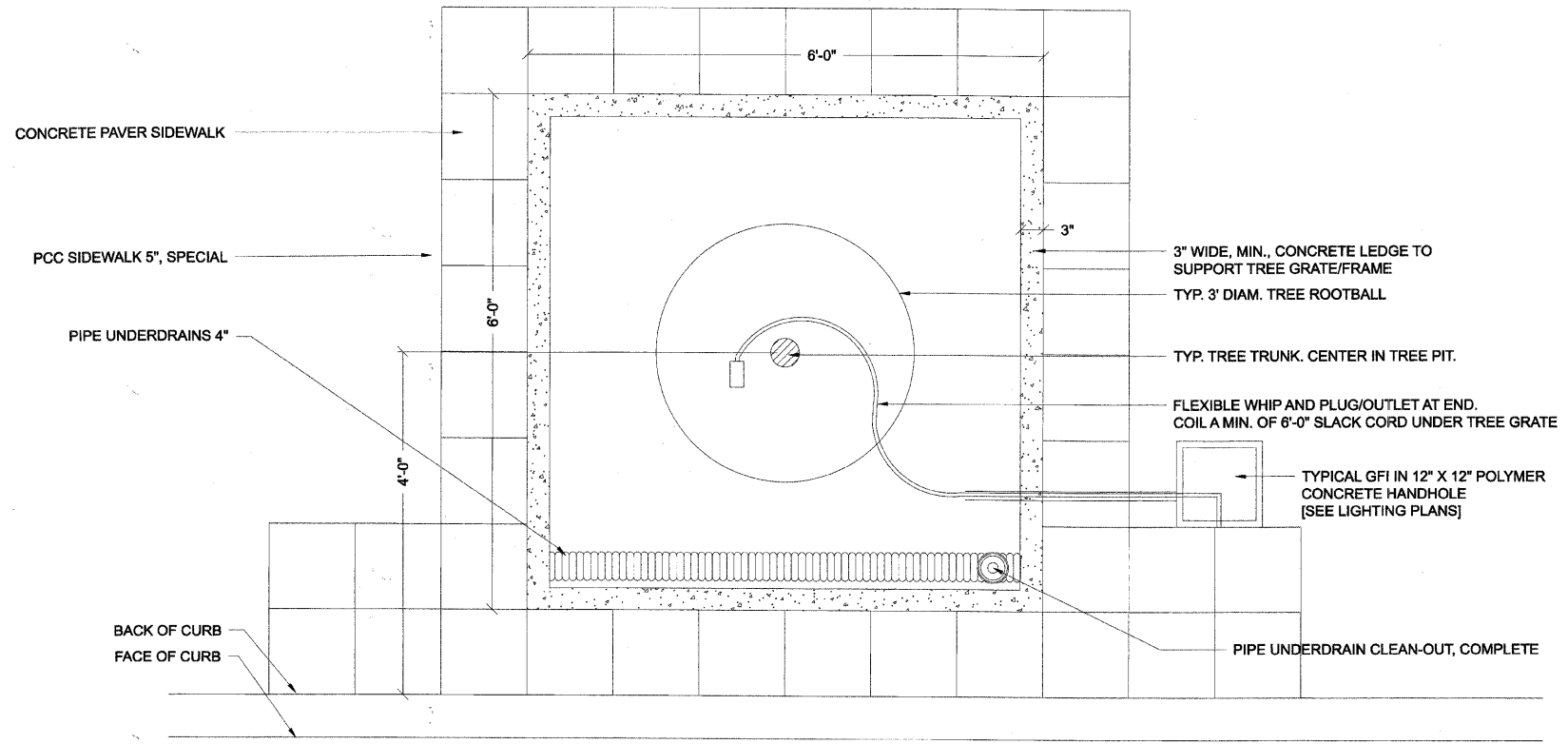
SCALE: 1" = 10' SHEET NO. 20 OF 28 SHEETS STA. TO STA.

| F.A.P. RTE.        | SECTION        | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|----------------|--------|---------------------------|-----------|
| 347                | 09-00248-00-RS | COOK   | 274                       | 185       |
| CONTRACT NO. 63432 |                |        | ILLINOIS FED. AID PROJECT |           |

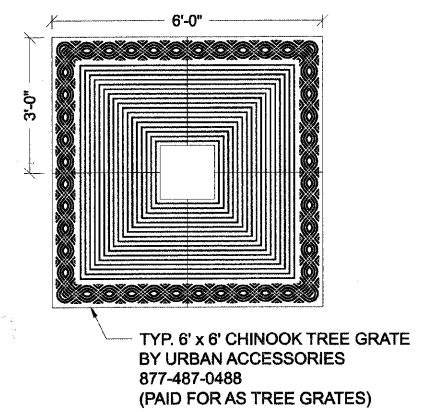




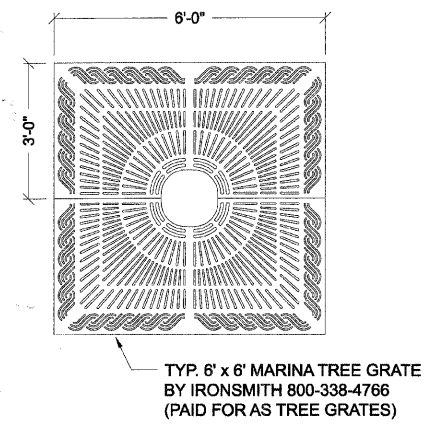
**1** Tree Grate Mounting Detail  
Scale: 1"=1'



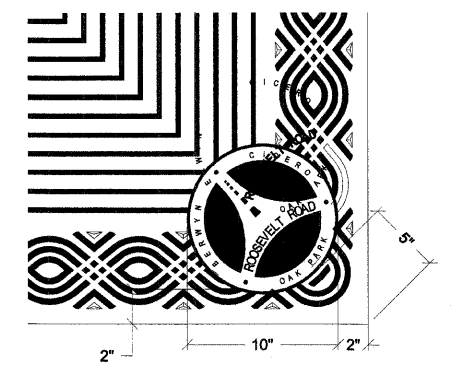
**2** Typical Tree Pit Components  
Scale: 1"=4'



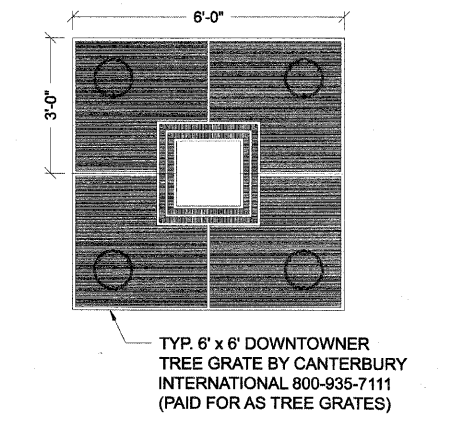
**3** Tree Grates  
Scale: 1"=4'



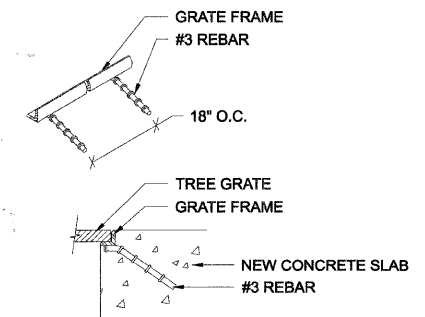
**5** Tree Grates (approved equal)  
Scale: 1"=4'



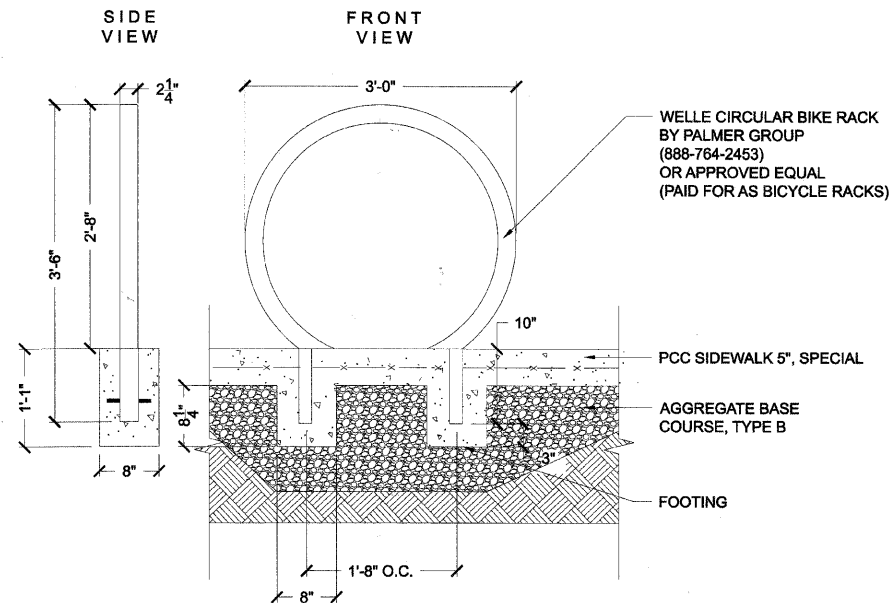
**4** Custom Logo Detail (Included with Tree Grates)  
Scale: 1"=1'



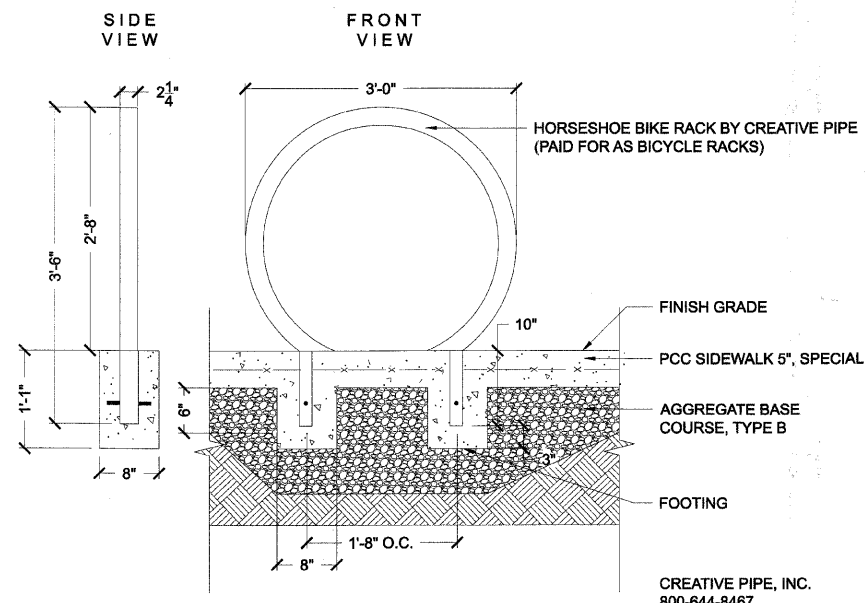
**6** Tree Grates (approved equal)  
Scale: 1"=4'



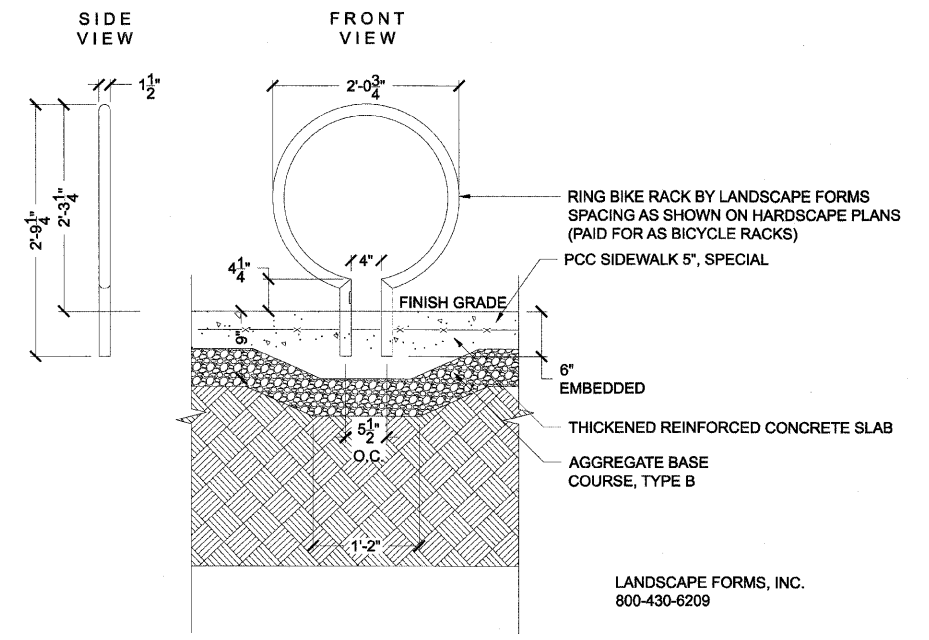
**7** Grate Frame (include with Tree Grate)  
Scale: 1"=2'



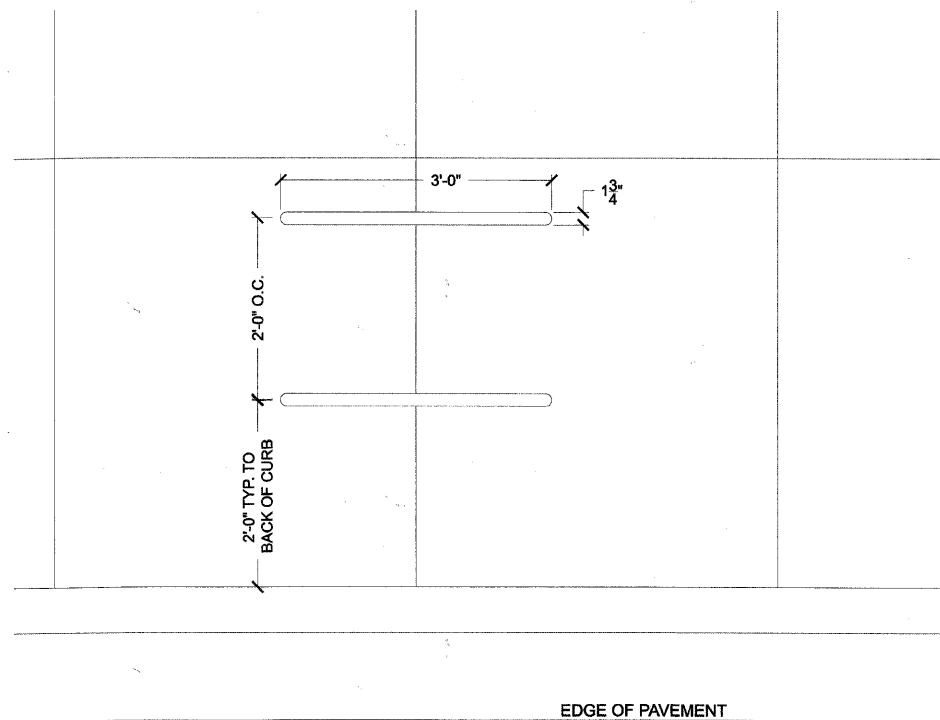
1 Bicycle Rack  
Scale: 1"=2'



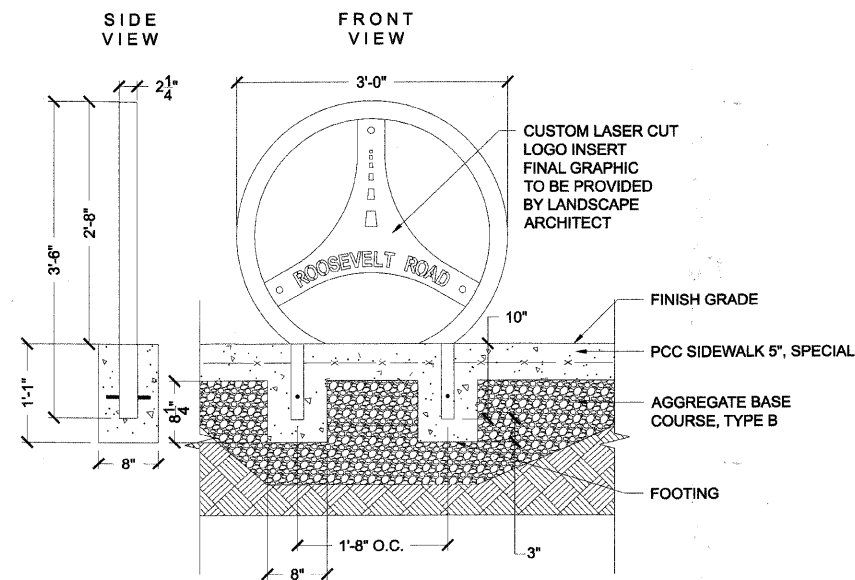
2 Bicycle Rack (Approved Equal)  
Scale: 1"=2'



3 Landscape Forms Ring Bike Rack (Approved Equal)  
Scale: 1"=2'



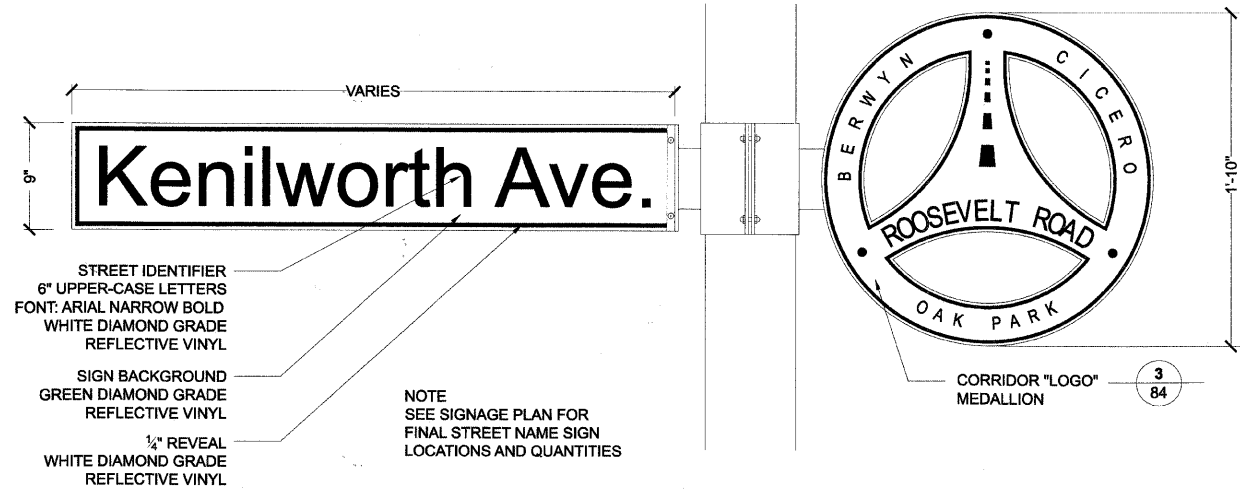
2 Welles Circular Bike Rack - PLAN  
Scale: 1"=2'



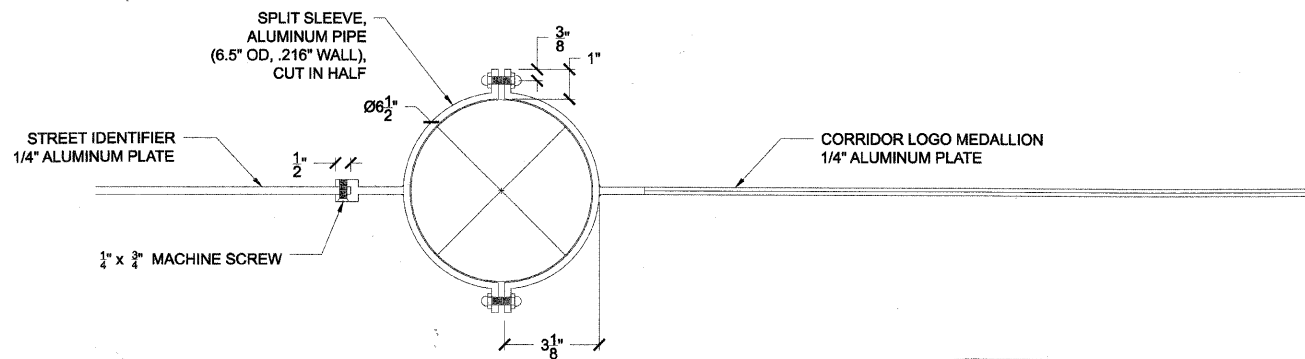
3 Bicycle Racks - Furnish  
Scale: 1"=2'

|                                       |                  |               |           |   |                          |                           |      |                 |                        |             |                           |               |
|---------------------------------------|------------------|---------------|-----------|---|--------------------------|---------------------------|------|-----------------|------------------------|-------------|---------------------------|---------------|
| FILE NAME = DIRTE38-shr-landsop23.dgn | USER NAME = 100T | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPE DETAILS</b> |                           |      | F.A.P. RTE. 347 | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274          | SHEET NO. 188 |
| PLOT SCALE = 20:0000' / IN.           | CHECKED - JB     | REVISOR -     | REVISOR - |   | SCALE: 1" = 2'           | SHEET NO. 23 OF 28 SHEETS | STA. | TO STA.         | CONTRACT NO. 63432     |             | ILLINOIS FED. AID PROJECT |               |
| PLOT DATE = 3/11/2010                 | DATE -           | REVISOR -     | REVISOR - |   |                          |                           |      |                 |                        |             |                           |               |
|                                       |                  |               |           |   |                          |                           |      |                 |                        |             |                           |               |

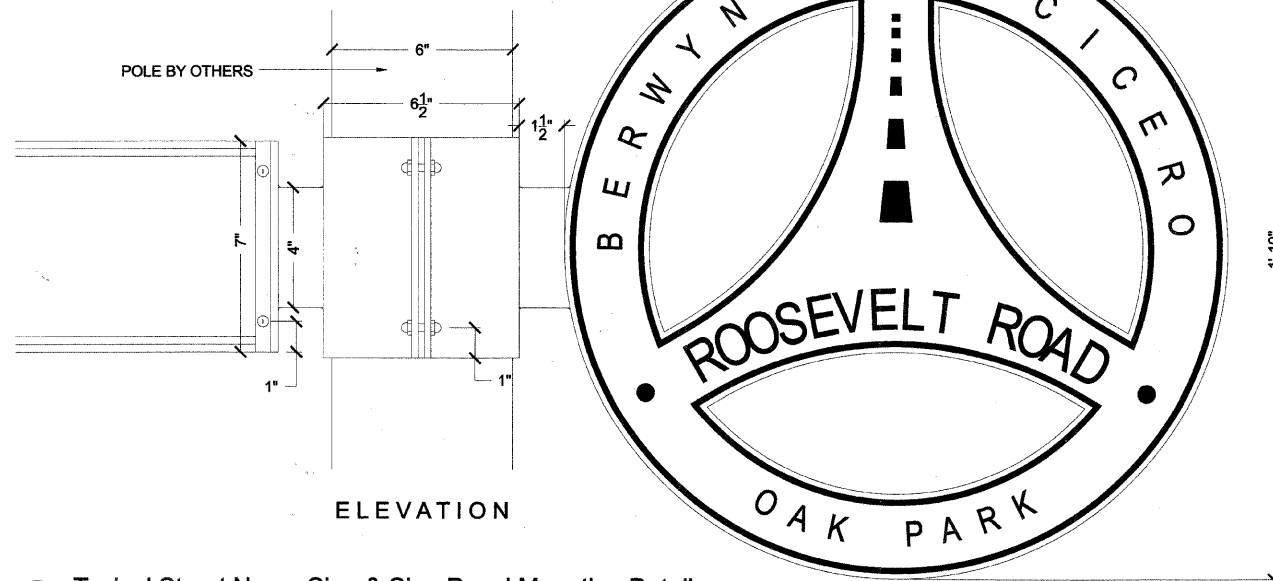




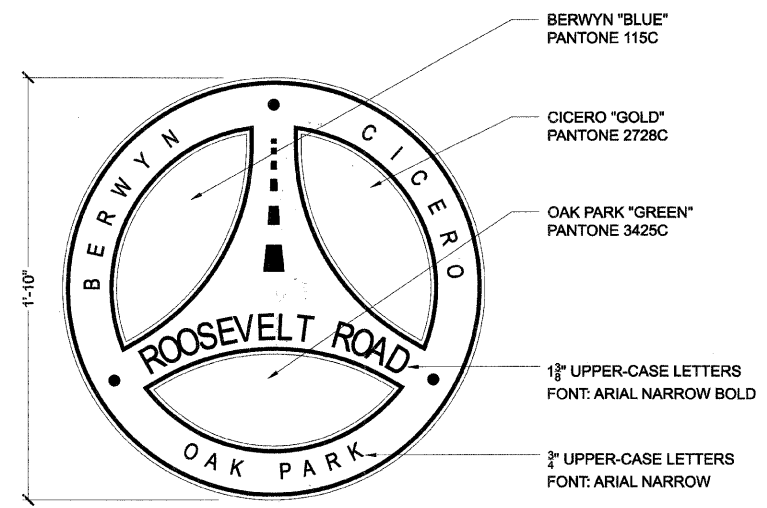
**1** Street Name Sign  
Scale: NTS



SECTION

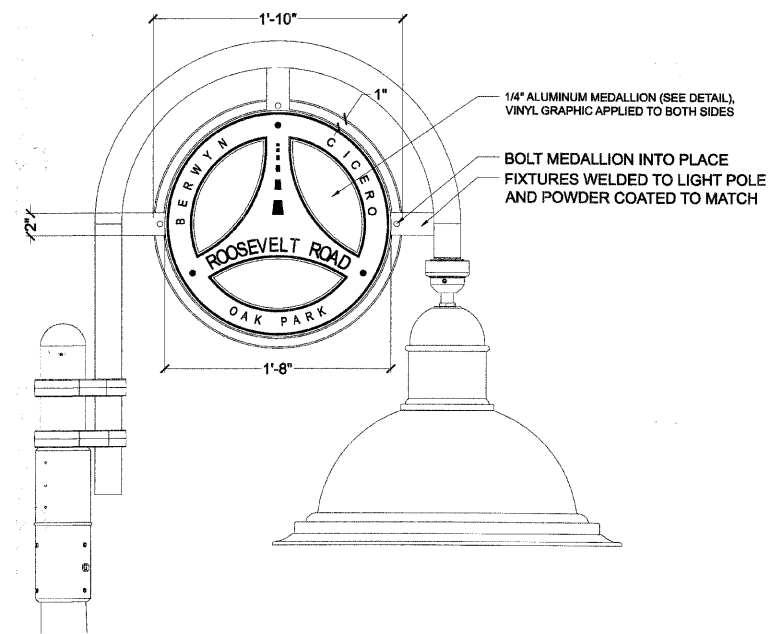


**2** Typical Street Name Sign & Sign Panel Mounting Detail  
Scale: NTS

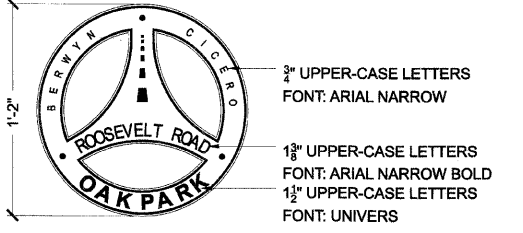
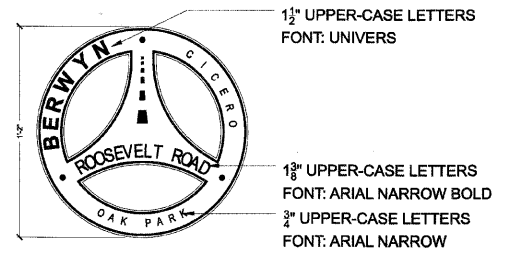
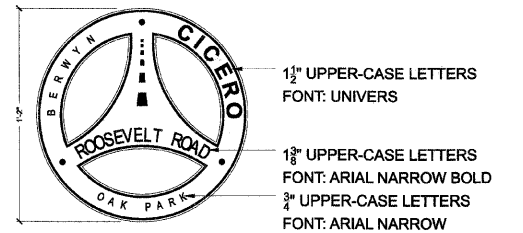


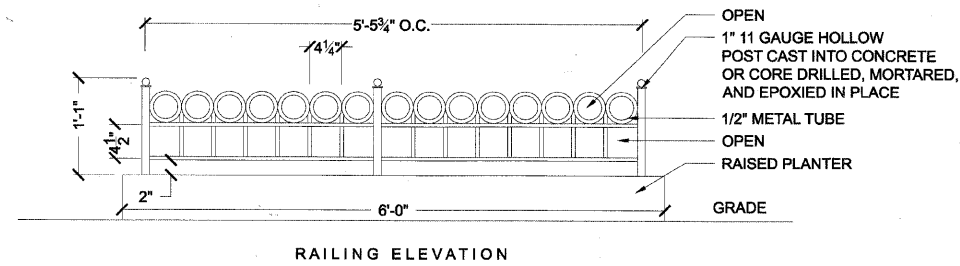
NOTE:  
SIGN PANEL IS A REPEATED CORRIDOR IDENTITY FEATURE  
TO BE LOCATED ON EVERY LIGHT POLE

**3** Sign Panel Furnished and Installed  
Scale: NTS

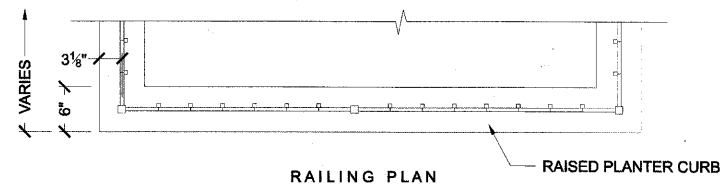


**4** Sign Panel - Street Light Mounting Detail  
Scale: NTS

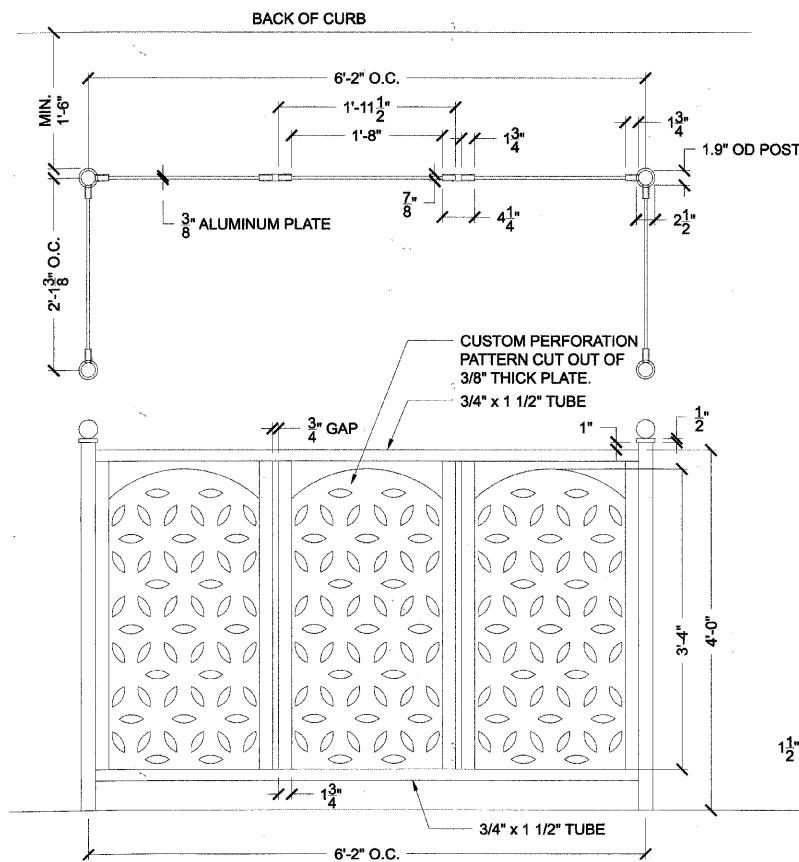




**1** Planter Fence (Special)  
Scale: 1"=1'



**2** Planter Fence (Special)  
Scale: 1"=1'

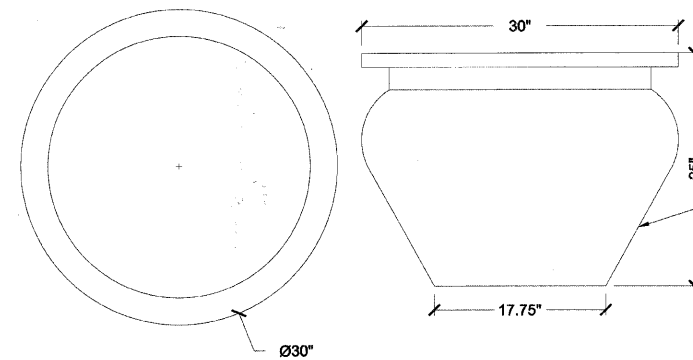


**3** Ornamental Metal Fence  
Scale: 1"=1'

NOTE:  
ORNAMENTAL METAL FENCE TO BE USED  
AS SCREENING AND CONTAINING PLASTIC  
NEWSPAPER BOXES.

1 1/2" SCH 40 PIPE  
(1.90" OD) POST WITH  
A 1/2" x 2 1/2" DISC AND  
A 2 1/2" BALL WELDED  
ON THE TOP.

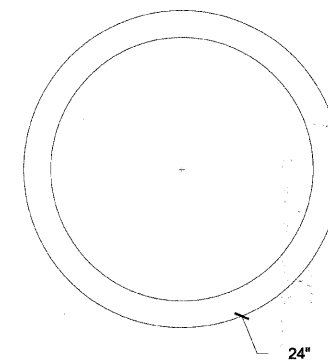
POSTS TO BE CORED  
INTO CONCRETE 3 1/2"  
AND POURED WITH  
HYDRAULIC CEMENT.



**4** Planter  
Scale: 1"=2'

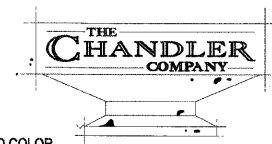
A5 BELL FLOWER  
PLANTER BY IAP  
(415-863-3406)  
SS - STAINLESS  
STEEL FINISH  
OR APPROVED EQUAL

NOTE: MOVEABLE PLANTER TO BE SUPPLIED  
WITH PLANTING SOIL AND INITIAL ANNUAL PLANT  
MATERIAL. FURTHER ANNUAL PLANT MATERIAL  
TO BE THE RESPONSIBILITY OF THE MUNICIPALITY.  
ALL PLANT MATERIAL TO BE MAXIMUM 12" HT.  
WITHIN SIGHT TRIANGLES.



**5** Planter (Approved Equal)  
Scale: NTS

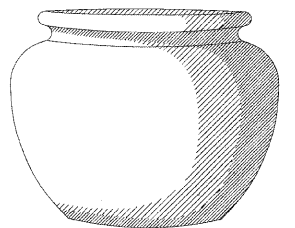
IMPERIAL PLANTER  
BY OLD TOWN FIBERGLASS  
(714-633-372) WITH  
ALUMINUM 17 FINISH  
OR APPROVED EQUAL



THE CHANDLER COMPANY  
2621 SOUTH BIRCH STREET  
SANTA ANA, CA  
USA, 92707  
PHONE: (714) 979-4212  
FAX: (714) 979-4854  
www.thechandlercompany.com

SELECT DESIRED COLOR

- LIGHT SAND TEXTURE
- 90-WHITE
- 100-BUFF
- 101-LATTE
- 201-TAN
- 208-TERRACOTTA
- 215-ADOBE
- 232-BURGUNDY
- 320-KHAKI
- 322-CYPRESS
- 325-PARCHMENT
- 453-DARK GRAY
- 806-SAND BEIGE
- 970-DOVE
- 972-PEARL
- 981-MOCHA
- OR
- SMOOTH
- 5804-BLACK
- 5806-WHITE
- 5808-SAND BEIGE
- 6414-DARK GRAY
- 8208-TERRACOTTA
- 8215-ADOBE
- 8224-LATTE
- 8232-BURGUNDY
- 8320-KHAKI
- 8322-CYPRESS
- 8325-PARCHMENT
- 9870-DOVE
- 9872-PEARL
- 9881-MOCHA
- 9883-BUFF
- 9885-TAN



EMPEROR BOWL - AVAILABLE SIZES

| HEIGHT(H) | STANDARD DIAMETER(D) |     |
|-----------|----------------------|-----|
| 18"       | 24"                  | 36" |
| 24"       | 30"                  | 42" |
| 30"       | 30"                  | 36" |
| 36"       | 36"                  | 42" |
| 42"       | 48"                  | 60" |
|           | 48"                  | 72" |

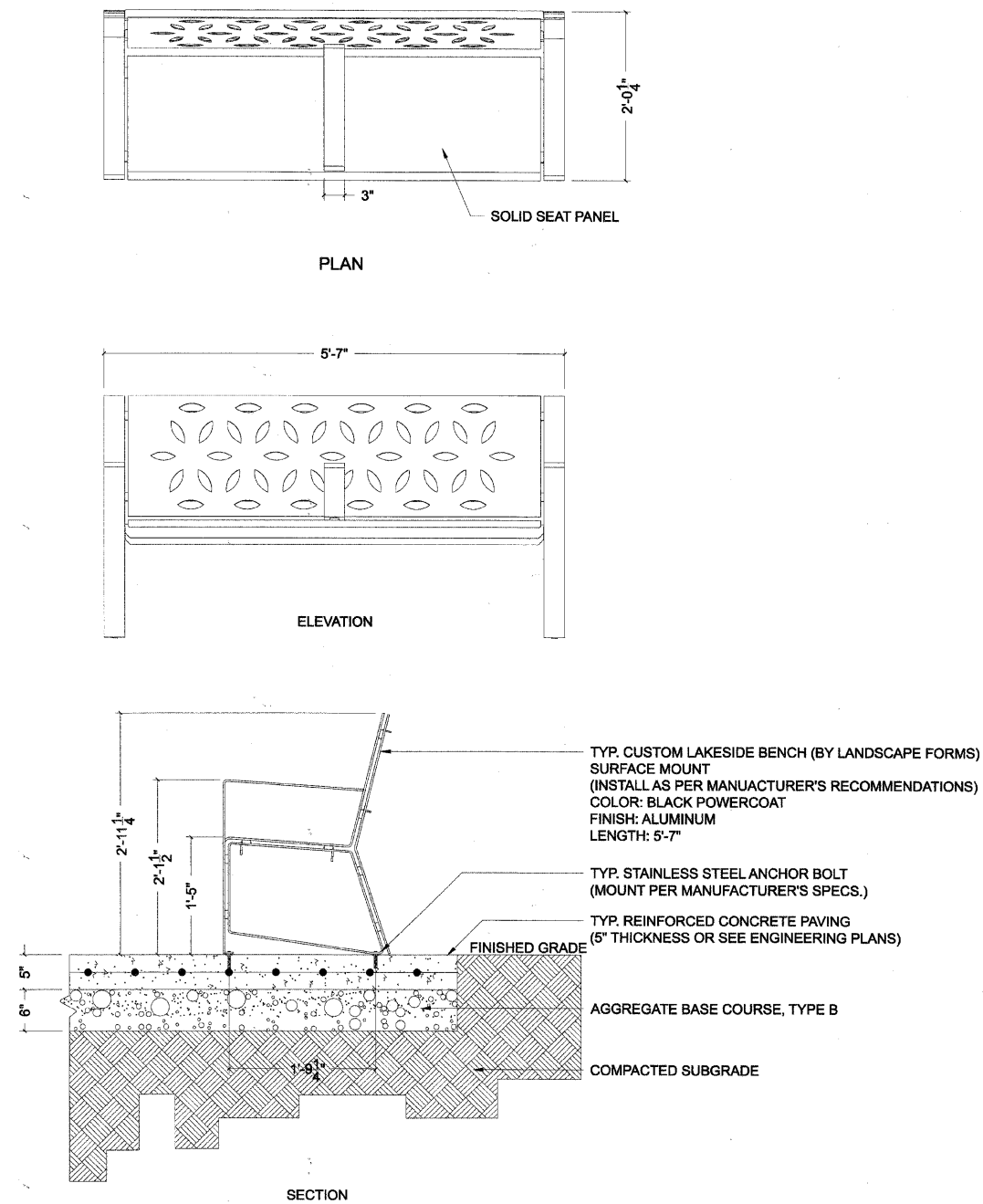


USE CHART TO SPECIFY H D

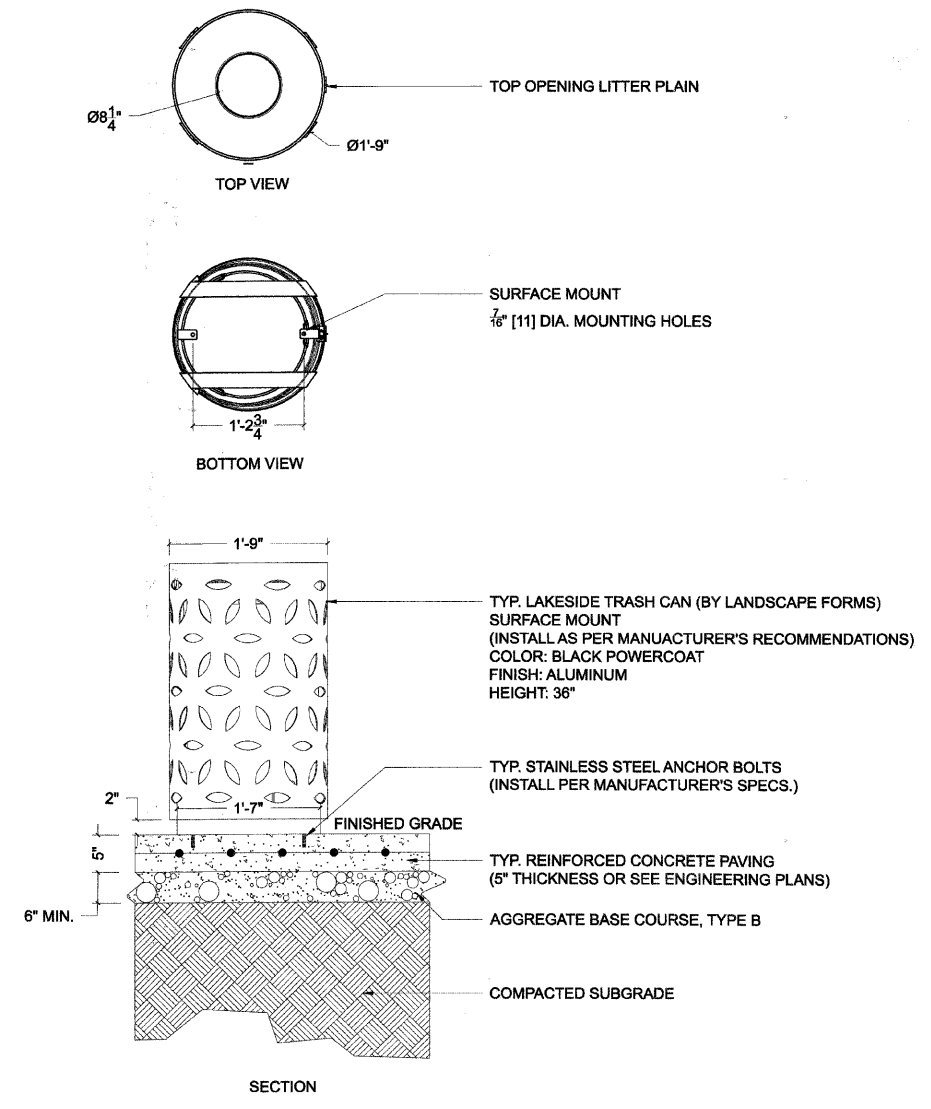
NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. CONTACT MANUFACTURER FOR SHAPE OPTIONS. CUTOMS SIZES AVAILABLE. SAUCERS AVAILABLE.
4. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT [www.CADdetails.com/info](http://www.CADdetails.com/info) REFERENCE NUMBER 600-025.

**6** Planter (Approved Equal)  
Scale: NTS

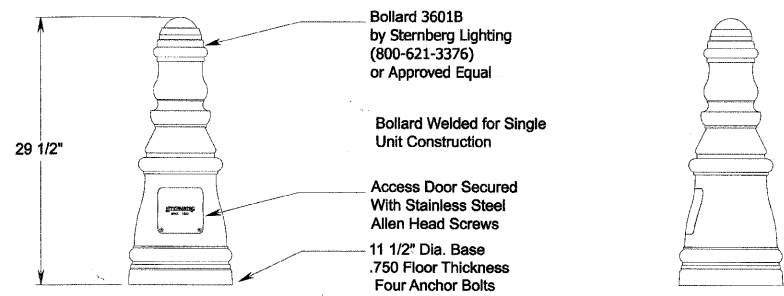


**1** Bench (by others)  
Scale: 1"=2'

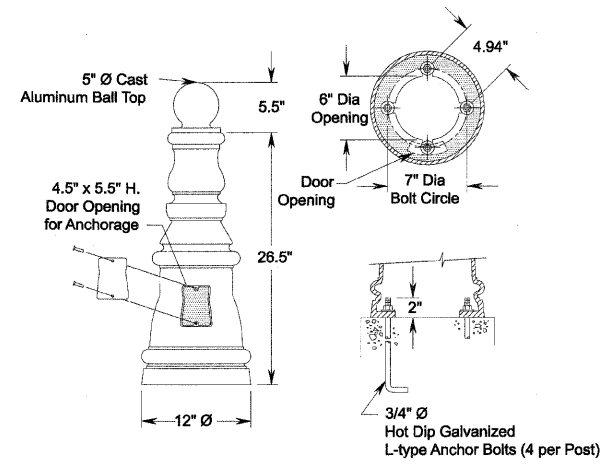


**2** Trash Receptacle (by others)  
Scale: 1"=2'

|                                       |                  |               |           |   |                          |                           |      |                 |                        |             |                             |               |
|---------------------------------------|------------------|---------------|-----------|---|--------------------------|---------------------------|------|-----------------|------------------------|-------------|-----------------------------|---------------|
| FILE NAME = DIRTE38-sht-landscp26.dgn | USER NAME = IDOT | DESIGNED - SC | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPE DETAILS</b> |                           |      | F.A.P. RTE. 347 | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274            | SHEET NO. 191 |
| PLOT SCALE = 20.0000 1 / IN.          | CHECKED - JB     | REVISED -     | REVISED - |   | SCALE: 1" = 2'           | SHEET NO. 26 OF 28 SHEETS | STA. | TO STA.         | CONTRACT NO. 63432     |             | [ILLINOIS] FED. AID PROJECT |               |
| PLOT DATE = 3/11/2018                 | DATE -           | REVISED -     | REVISED - |   |                          |                           |      |                 |                        |             |                             |               |
|                                       |                  |               |           |   |                          |                           |      |                 |                        |             |                             |               |

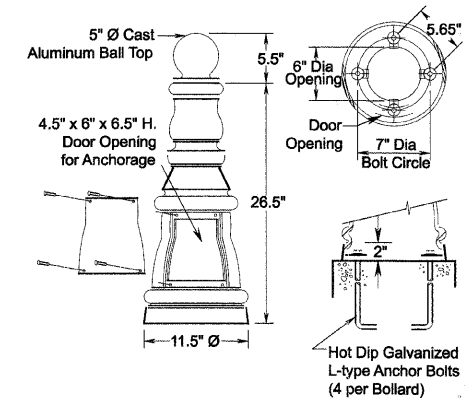


1 Bollard  
Scale: NTS



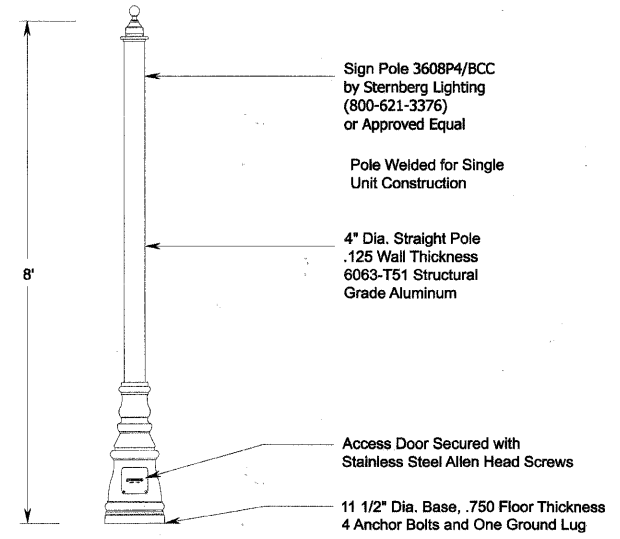
Mount Vernon Cast Aluminum Bollard by Holophane (630-689-2076)  
Bollard Model #: BOL/M32/12/BT - CA/BK

2 Bollard (Approved Equal)  
Scale: NTS

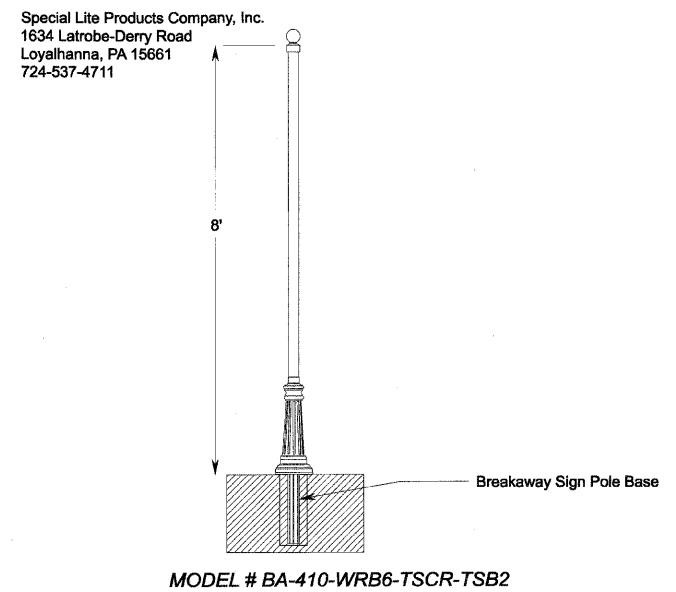


Montreal Cast Aluminum Bollard by Antique Street Lamps (800-410-8899)  
Bollard Model #: BCA BMO12BT ANBK

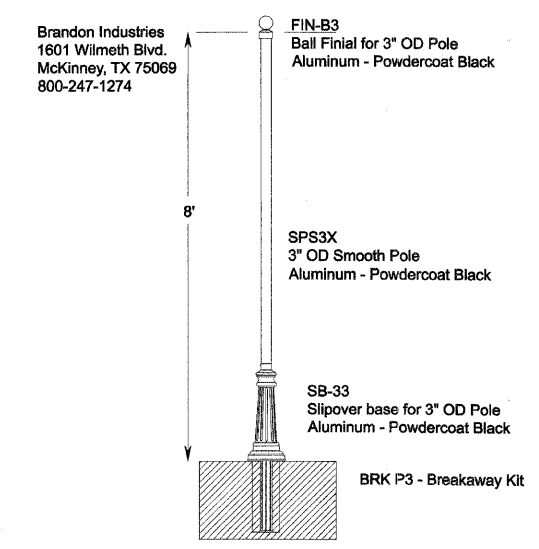
3 Bollard (Approved Equal)  
Scale: NTS



4 Ornamental Sign Post  
Scale: NTS



5 Ornamental Sign Post (Approved Equal)  
Scale: NTS



6 Ornamental Sign Post (Approved Equal)  
Scale: NTS

|                                       |                              |               |          |   |                           |                           |      |                 |                        |             |                  |               |
|---------------------------------------|------------------------------|---------------|----------|---|---------------------------|---------------------------|------|-----------------|------------------------|-------------|------------------|---------------|
| FILE NAME = DIRTE38-shc-landsdp27.dgn | USER NAME = IDOT             | DESIGNED - SC | REVISD - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>LANDSCAPE DETAILS</b>  |                           |      | F.A.P. RTE. 347 | SECTION 09-00248-00-RS | COUNTY COOK | TOTAL SHEETS 274 | SHEET NO. 192 |
|                                       | PLOT SCALE = 20.0000 1 / IN. | CHECKED - JB  | REVISD - |   | SCALE: 1" = 2'            | SHEET NO. 27 OF 28 SHEETS | STA. | TO STA.         | CONTRACT NO. 63432     |             |                  |               |
|                                       | PLOT DATE = 3/11/2010        | DATE -        | REVISD - |   | ILLINOIS FED. AID PROJECT |                           |      |                 |                        |             |                  |               |
|                                       |                              |               |          |   |                           |                           |      |                 |                        |             |                  |               |



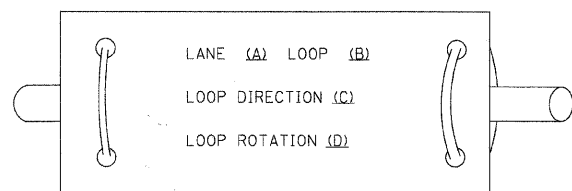
# SUMMARY OF TRAFFIC SIGNAL QUANTITIES

| SUMMARY OF QUANTITIES                   |      | ROOSEVELT ROAD AT |             |               |           |                |              |
|---|------|-------------------|-------------|---------------|-----------|----------------|--------------|
| ITEM                                    | UNIT | TOTAL             | HARLEM AVE. | OAK PARK AVE. | EAST AVE. | RIDGELAND AVE. | AUSTIN BLVD. |
| HANDHOLE TO BE ADJUSTED                 | EACH | 30                | 3           | 7             | 8         | 8              | 4            |
| HEAVY-DUTY HANDHOLE TO BE ADJUSTED      | EACH | 12                | 1           | 4             | 2         | 4              | 1            |
| DETECTOR LOOP REPLACEMENT               | FOOT | 2183              | 247         | 613           | 392       | 800            | 131          |
| TEMPORARY TRAFFIC SIGNAL INSTALLATION   | EACH | 5                 | 1           | 1             | 1         | 1              | 1            |
| TEMPORARY TRAFFIC SIGNAL TIMINGS        | EACH | 5                 | 1           | 1             | 1         | 1              | 1            |
| PAINT EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 5                 | 1           | 1             | 1         | 1              | 1            |

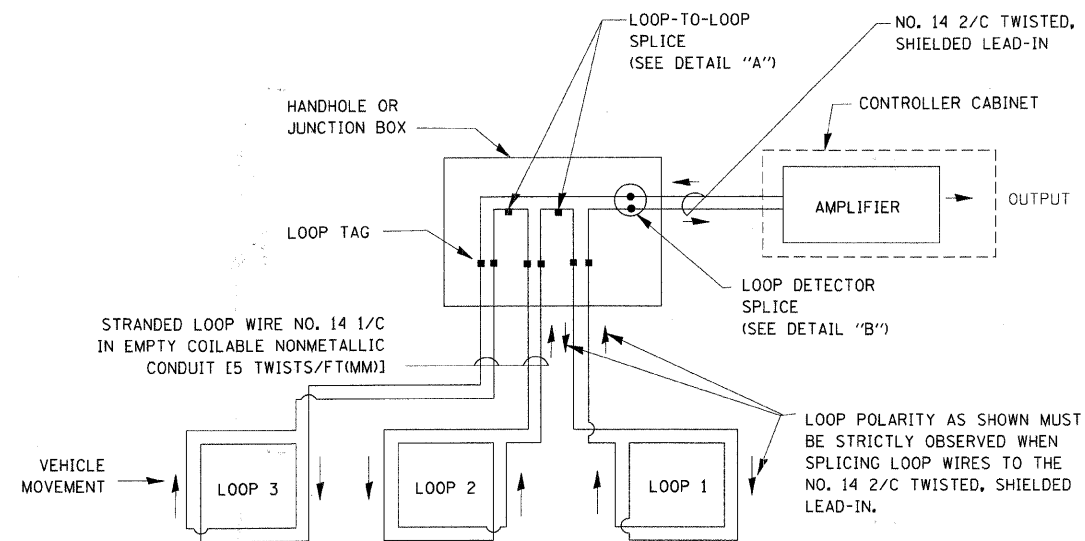
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

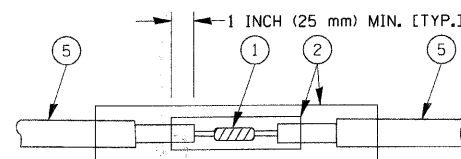


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

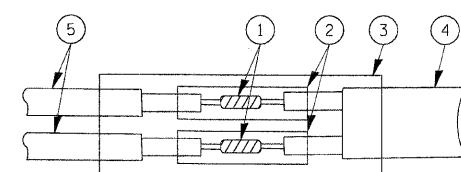


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

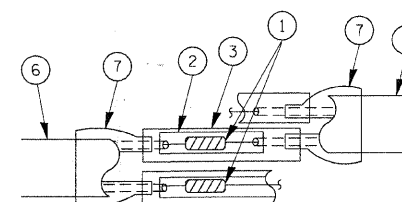


**DETAIL "A" LOOP-TO-LOOP SPLICE**

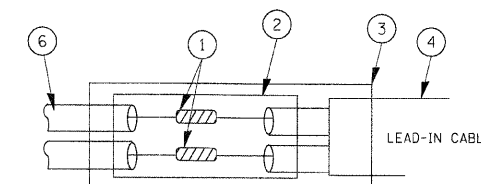


**DETAIL "B" LOOP-TO-CONTROLLER SPLICE**

**TYPE I LOOP**



**DETAIL "A" LOOP-TO-LOOP SPLICE**



**PRE-FORMED LOOP**

**DETAIL "B" LOOP-TO-CONTROLLER SPLICE**

**LOOP DETECTOR SPLICE**

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PRE-FORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

|   |                     |                 |           |
|---|---------------------|-----------------|-----------|
| FILE NAME =                                 | USER NAME = bawardl | DESIGNED - DAD  | REVISED - |
| ct:\p\work\p\WIDOT\BAUERDL\0108315\ts25.dgn |                     | DRAWN - BCK     | REVISED - |
| PLOT SCALE = 50.0000 // IN.                 |                     | CHECKED - DAD   | REVISED - |
| PLOT DATE = 11/4/2009                       |                     | DATE - 10-28-09 | REVISED - |

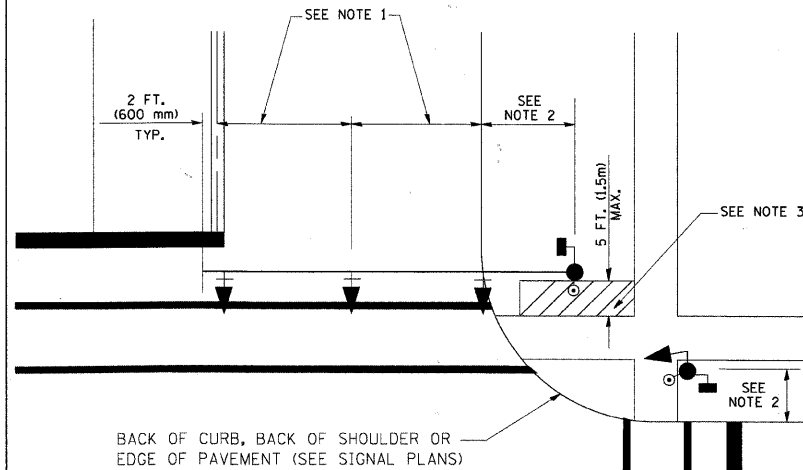
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|   |                                      |
|---|--------------------------------------|
| <b>DISTRICT ONE</b>                           |                                      |
| <b>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b> |                                      |
| SCALE: NONE                                   | SHEET NO. 1 OF 6 SHEETS STA. TO STA. |

|   |                |        |              |           |
|---|----------------|--------|--------------|-----------|
| F.A.P. RTE.   | SECTION        | COUNTY | TOTAL SHEETS | SHEET NO. |
| 347   | 09-00248-00-RS | COOK   | 274          | 195       |
| <b>TS-05</b>  |                |        | CONTRACT NO. |           |
| FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT |                |        |              |           |

**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST**

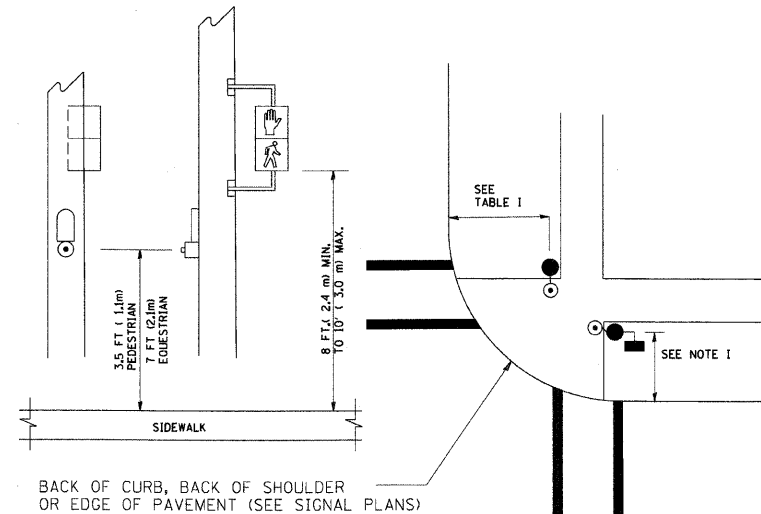
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



**NOTES:**

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

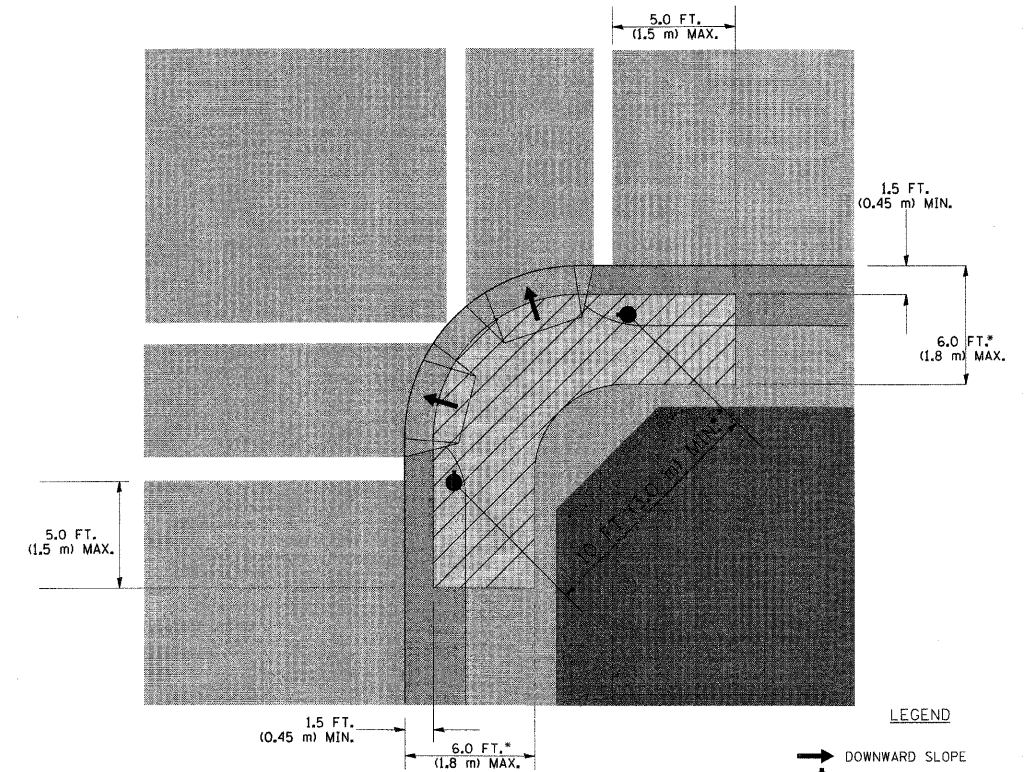
**PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST**



**NOTES:**

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

**RECOMMENDED PUSHBUTTON LOCATIONS**



- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

**NOTES:**

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

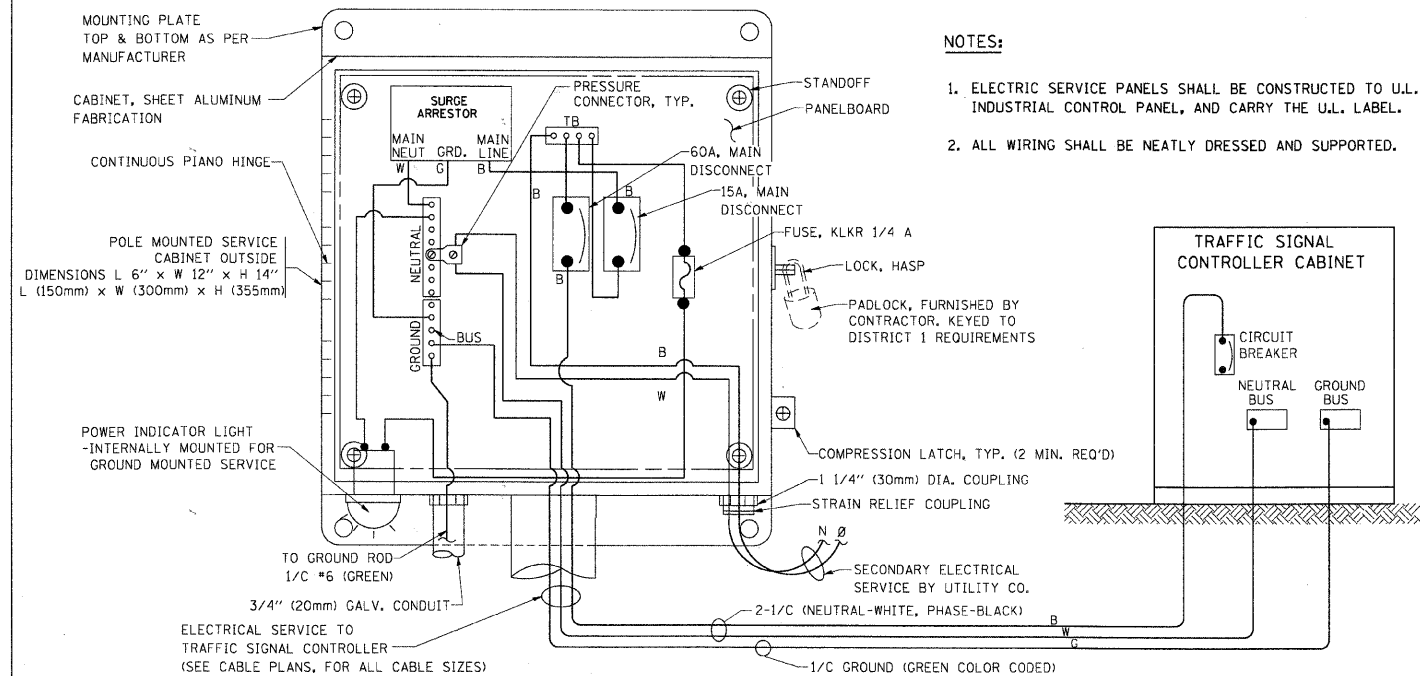
**TRAFFIC SIGNAL EQUIPMENT OFFSET**

| TRAFFIC SIGNAL EQUIPMENT           | COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION) | SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION) |
|------------------------------------|---|---|
| TRAFFIC SIGNAL MAST ARM POLE       | 6 FT (1.8m)   | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)  |
| TRAFFIC SIGNAL POST                | 4 FT (1.2m)   | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)  |
| PEDESTRIAN SIGNAL POST             | 4 FT (1.2m)   | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)  |
| PEDESTRIAN PUSHBUTTON POST         | 4 FT (1.2m)   | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)  |
| TEMPORARY WOOD POLE                | 6 FT (1.8m)   | SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)  |
| CONTROLLER CABINET                 | 6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2   | SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.                                |
| SERVICE INSTALLATION, GROUND MOUNT | 6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2   | SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.                                |

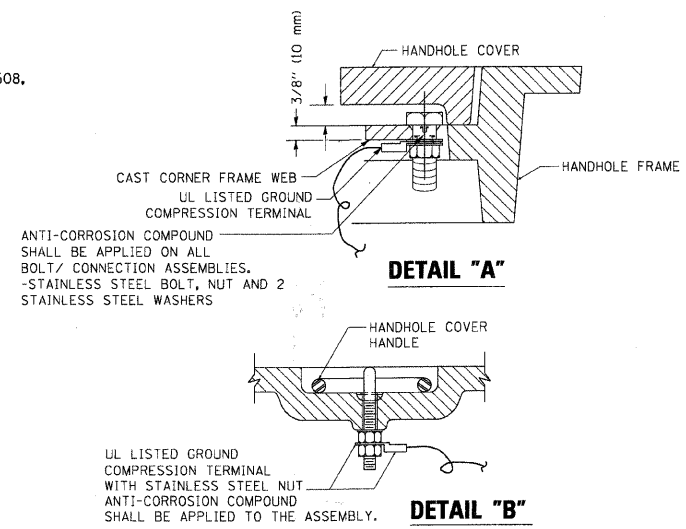
**NOTES:**

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.



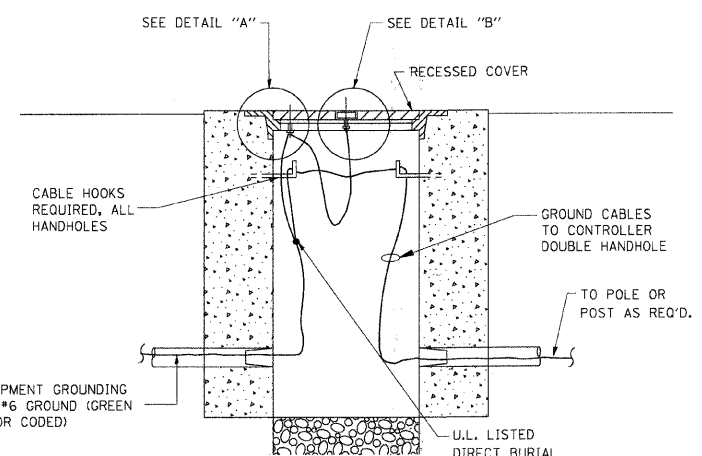


- NOTES:**
1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
  2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

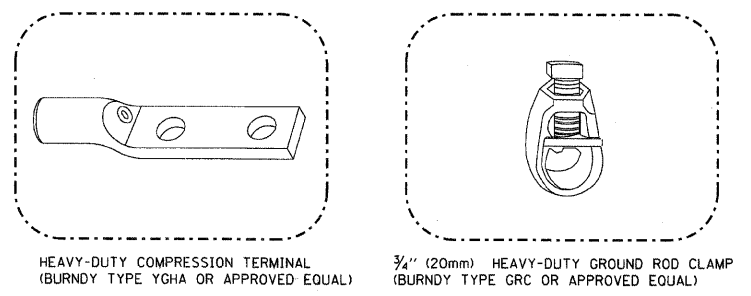


- NOTES:**
- GROUNDING SYSTEM**
1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
  2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
  3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
  4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

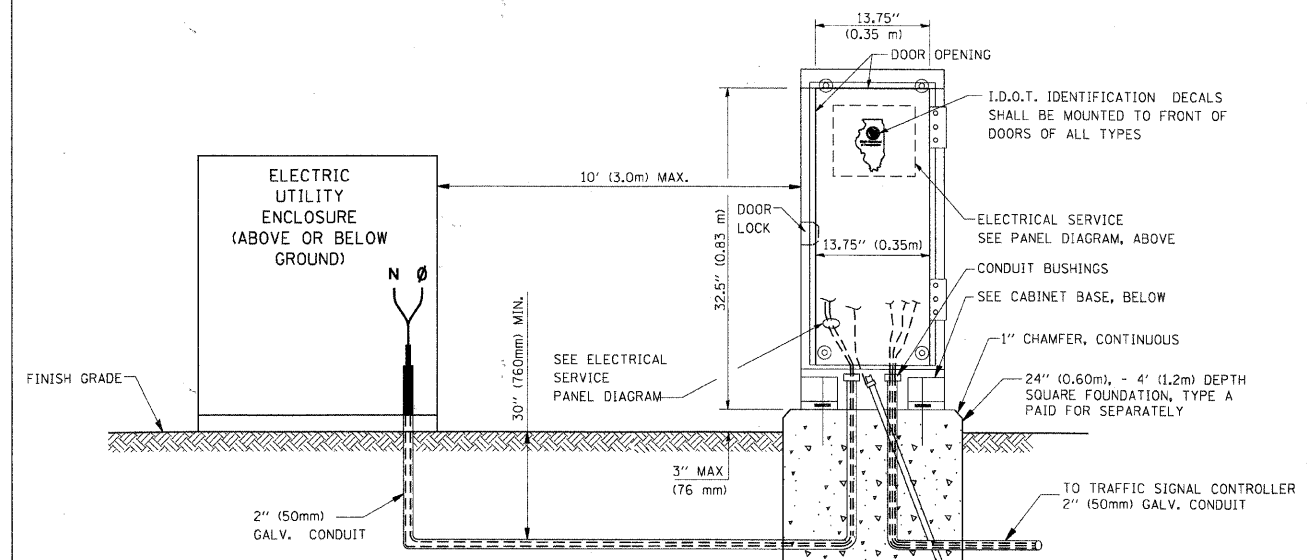
**ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE) SERVICE INSTALLATION POLE MOUNT (SHOWN) (NOT TO SCALE)**



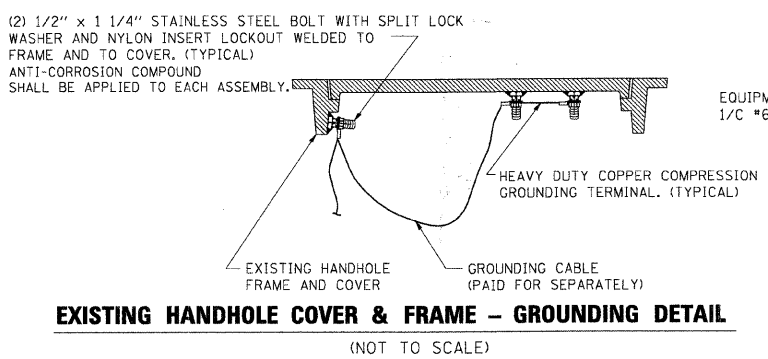
**HANDHOLE COVER & FRAME - GROUNDING DETAIL (NOT TO SCALE)**



- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
  - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.

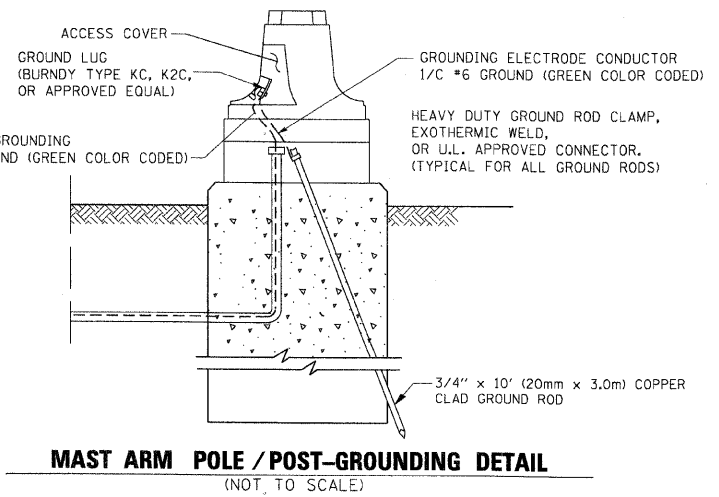
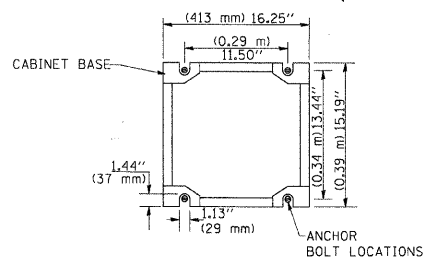


**SERVICE INSTALLATION GROUND MOUNT (NOT TO SCALE)**



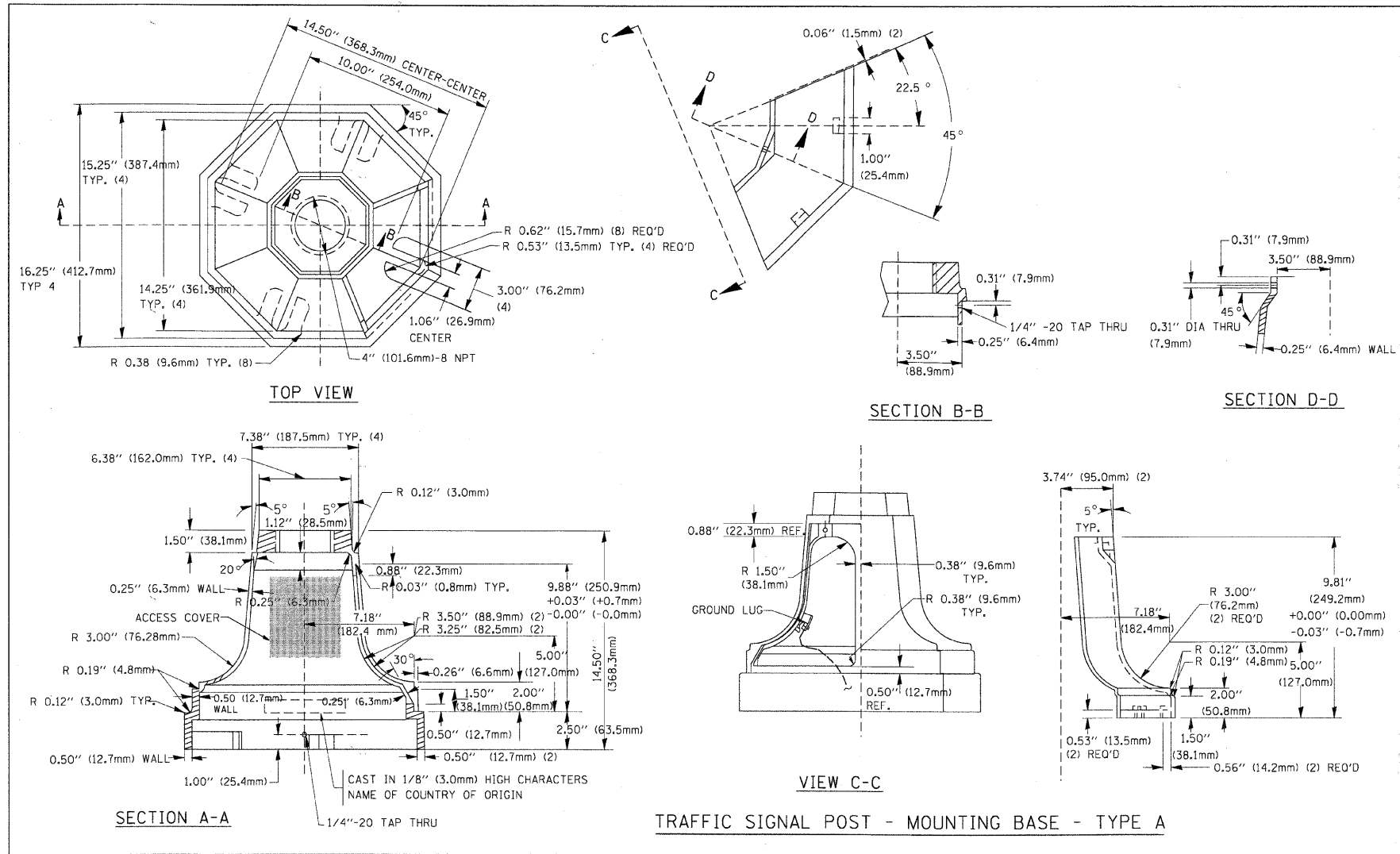
**EXISTING HANDHOLE COVER & FRAME - GROUNDING DETAIL (NOT TO SCALE)**

**CABINET - BASE BOLT PATTERN (NOT TO SCALE)**

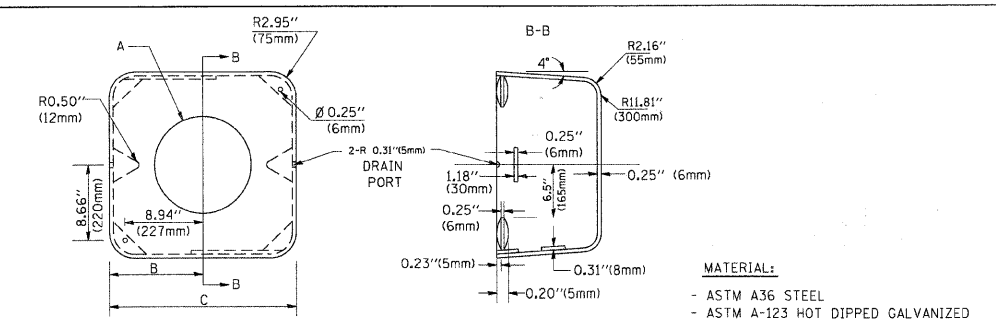


**MAST ARM POLE / POST-GROUNDING DETAIL (NOT TO SCALE)**

|  |                     |                 |           |   |  |               |                         |                     |              |   |
|--|---------------------|-----------------|-----------|---|--|---------------|-------------------------|---------------------|--------------|---|
| FILE NAME =                              | USER NAME = bauerdl | DESIGNED - DAD  | REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>DISTRICT ONE<br/>STANDARD TRAFFIC SIGNAL DESIGN DETAILS</b> | F.A.P. RTE. = | SECTION                 | COUNTY              | TOTAL SHEETS | SHEET NO.                                       |
| c:\pwork\PWIDOT\BAUERDL\0108315\ts05.dgn |                     | DRAWN - BCK     | REVISED - |   |  | 347           | 09-00248-00-RS          | COOK                | 274          | 197   |
| PLOT SCALE = 50,0000 "/> IN.             |                     | CHECKED - DAD   | REVISED - |   |  | <b>TS-05</b>  |                         | <b>CONTRACT NO.</b> |              |   |
| PLOT DATE = 11/4/2009                    |                     | DATE - 10-28-09 | REVISED - |   |  | SCALE: NONE   | SHEET NO. 3 OF 6 SHEETS | STA.                | TO STA.      | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |



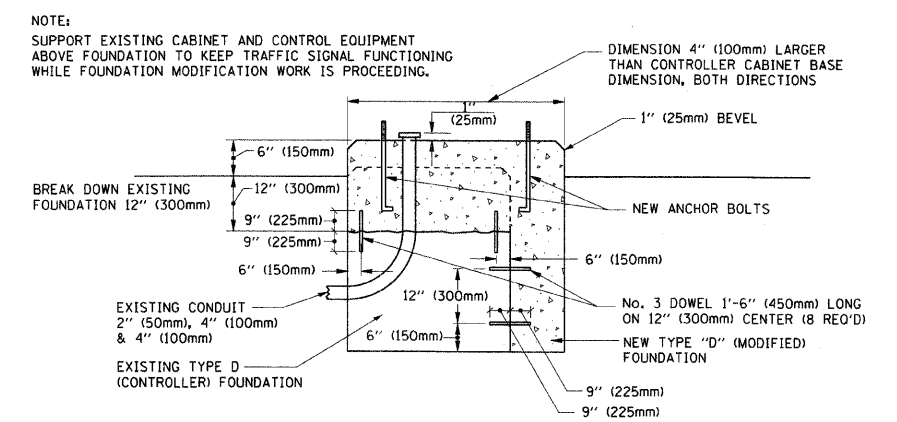
TRAFFIC SIGNAL POST - MOUNTING BASE - TYPE A



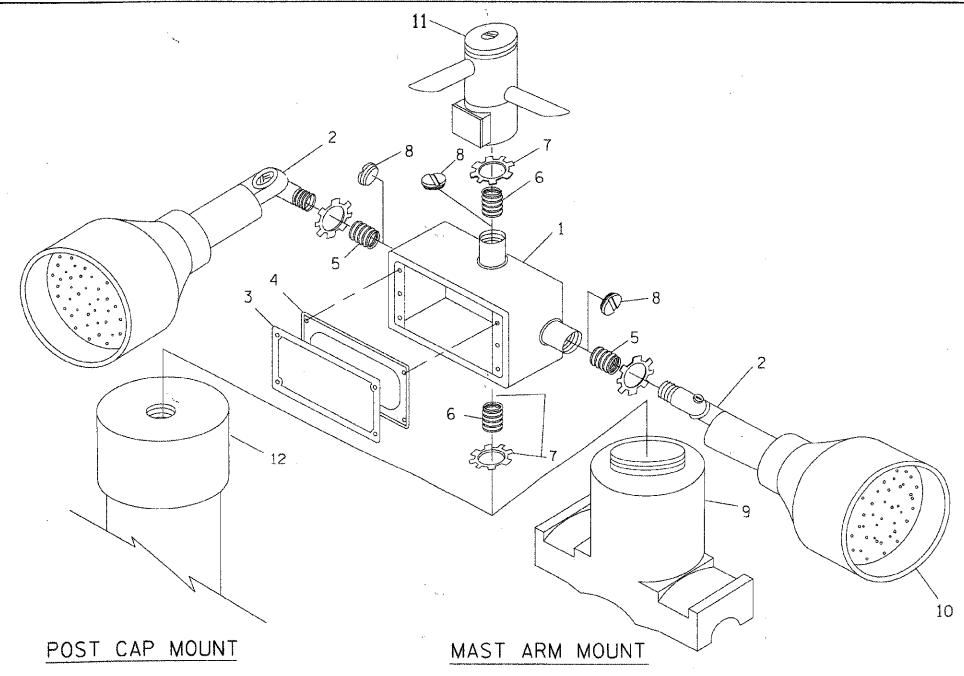
| A         | B               | C              | HEIGHT                     | WEIGHT          |
|-----------|-----------------|----------------|----------------------------|-----------------|
| VARIABLES | 9.5\" (241mm)   | 19\" (483mm)   | 7\" (178mm) - 12\" (300mm) | 53 lbs (24kg)   |
| VARIABLES | 10.75\" (273mm) | 21.5\" (546mm) | 7\" (178mm) - 12\" (300mm) | 68 lbs (31 kg)  |
| VARIABLES | 13.0\" (330mm)  | 26\" (660mm)   | 7\" (178mm) - 12\" (300mm) | 81 lbs (37 kg)  |
| VARIABLES | 18.5\" (470mm)  | 37\" (940mm)   | 7\" (178mm) - 12\" (300mm) | 126 lbs (57 kg) |

SHROUD

- NOTES:
- DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
  - THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
  - THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

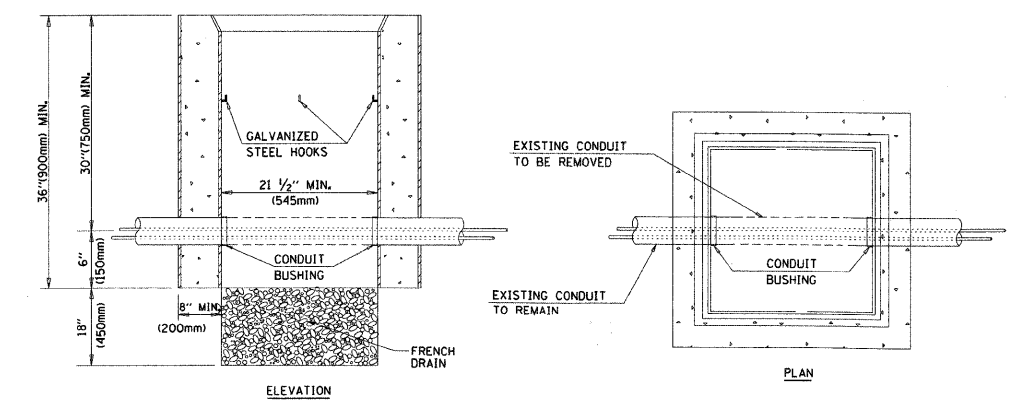


MODIFY EXISTING TYPE "D" FOUNDATION



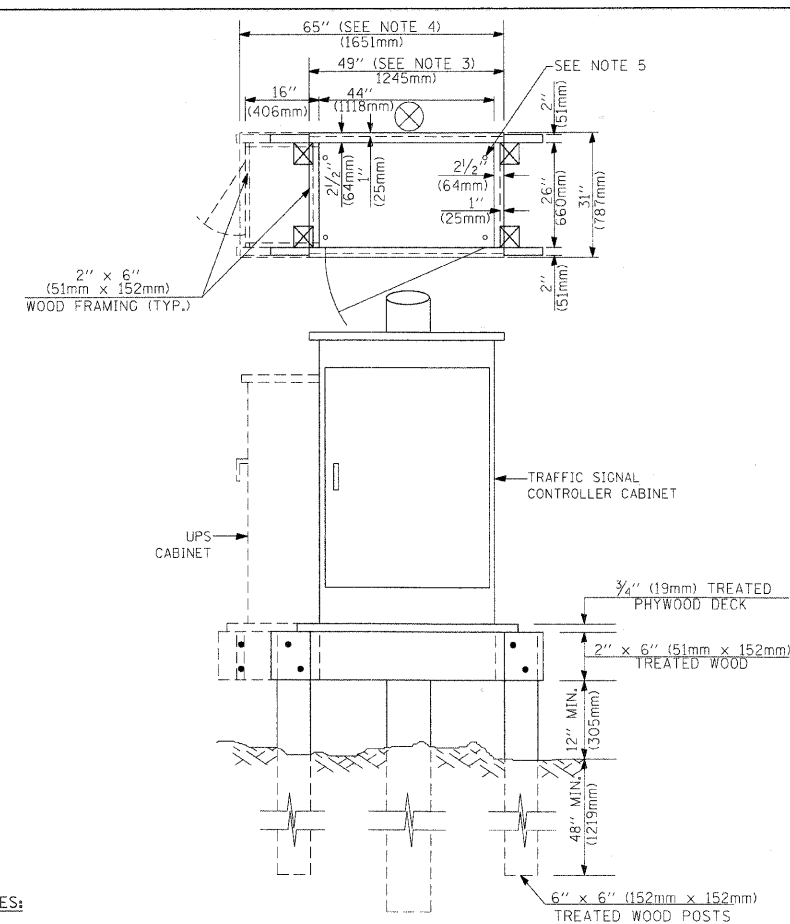
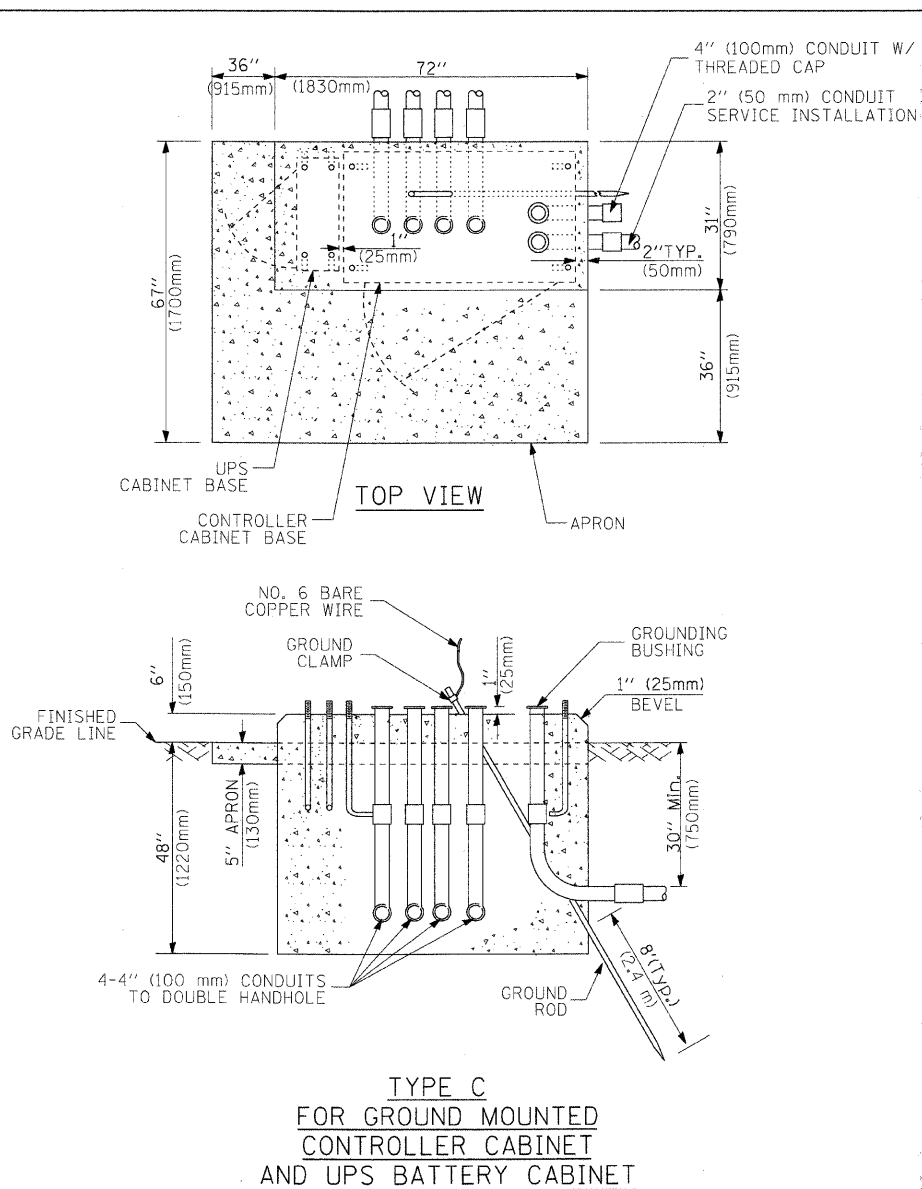
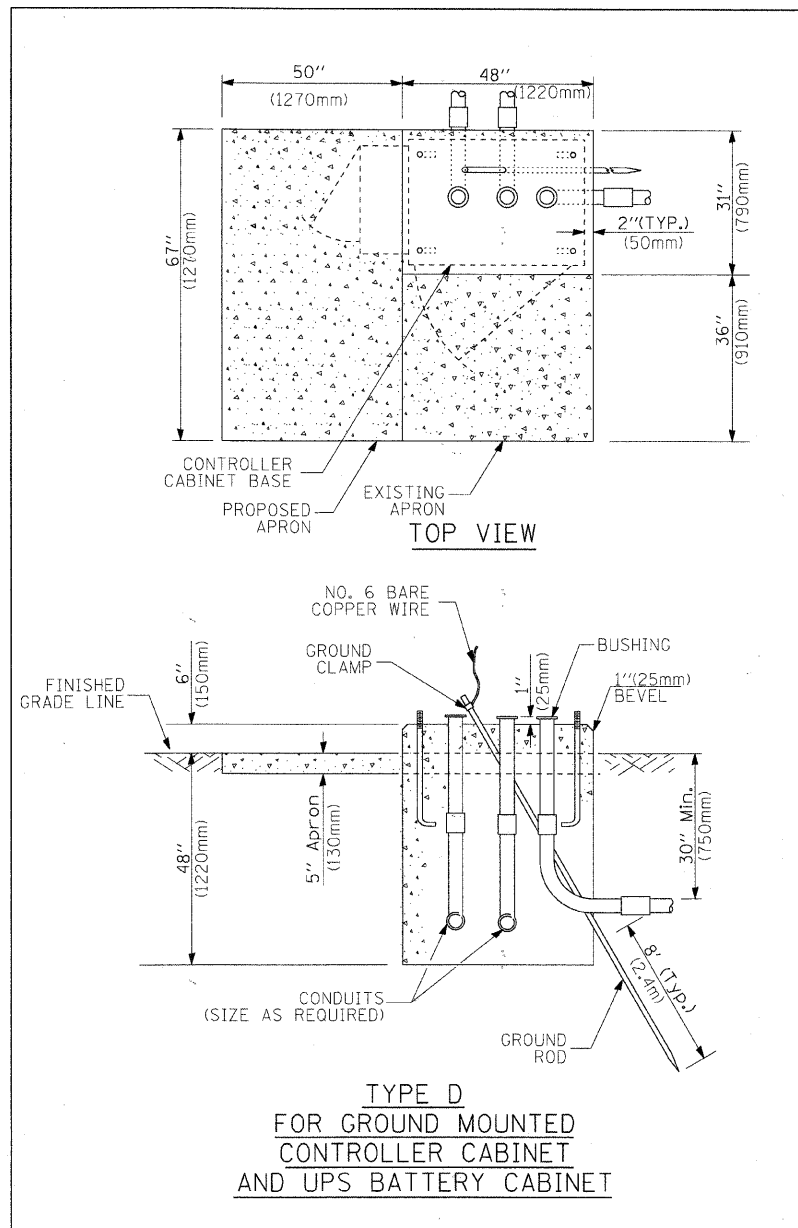
| ITEM NO. | IDENTIFICATION                              |
|----------|---|
| 1        | OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M) |
| 2        | LAMP HOLDER AND COVER                       |
| 3        | OUTLET BOX COVER                            |
| 4        | RUBBER COVER GASKET                         |
| 5        | REDUCING BUSHING                            |
| 6        | 3/4\" (19 mm) CLOSE NIPPLE                  |
| 7        | 3/4\" (19 mm) LOCKNUT                       |
| 8        | 3/4\" (19 mm) HOLE PLUG                     |
| 9        | SADDLE BRACKET - GALV.                      |
| 10       | 6 WATT PAR 38 LED FLOOD LAMP                |
| 11       | DETECTOR UNIT                               |
| 12       | POST CAP [18 FT. (5.4 m) POST MIN.]         |

- NOTES:
- ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
  - ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT  
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT  
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
  - WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4\" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



- NOTES:
- HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
  - REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCIDENTAL TO THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT



**NOTES:**

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER  
WOOD SUPPORT PLATFORM**

| CABLE SLACK LENGTH                                | FEET | METER |
|---|------|-------|
| HANDHOLE  | 6.5  | 2.0   |
| DOUBLE HANDHOLE                                   | 13.0 | 4.0   |
| SIGNAL POST                                       | 2.0  | 0.6   |
| MAST ARM  | 2.0  | 0.6   |
| CONTROLLER CABINET                                | 1.5  | 0.5   |
| FIBER OPTIC AT CABINET                            | 13.0 | 4.0   |
| ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION) | 1.5  | 0.5   |
| GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)     | 1.5  | 0.5   |
| GROUND CABLE (BETWEEN FRAME AND COVER)            | 5.0  | 1.6   |

**CABLE SLACK**

| VERTICAL CABLE LENGTH   | FEET   | METER |
|---|--------|-------|
| MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD)<br>(L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM) | 20.0+L | 6.0+L |
| BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)  | 13.0   | 4.0   |
| PEDESTRIAN PUSH BUTTON  | 6.0    | 2.0   |
| SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP   | 13.5   | 4.1   |
| SERVICE INSTALLATION POLE MOUNT TO GROUND   | 13.5   | 4.1   |
| SERVICE INSTALLATION GROUND MOUNT   | 6.0    | 2.0   |
| FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)                               | 3.0    | 1.0   |

**VERTICAL CABLE LENGTH**

| FOUNDATION  | DEPTH        |
|---|--------------|
| TYPE A - Signal Post                                | 4'-0" (1.2m) |
| TYPE C - CONTROLLER W/ UPS                          | 4'-0" (1.2m) |
| TYPE D - CONTROLLER                                 | 4'-0" (1.2m) |
| SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE | 4'-0" (1.2m) |

**DEPTH OF FOUNDATION**

| Mast Arm Length  | Foundation Depth   | Foundation Diameter | Spiral Diameter | Quantity of Rebars | Size of Rebars |
|--|--|---------------------|-----------------|--------------------|----------------|
| Less than 30' (9.1 m)  | 10'-0" (3.0 m)   | 30" (750mm)         | 24" (600mm)     | 8                  | 6(19)          |
| Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)  | 13'-6" (4.1 m)   | 30" (750mm)         | 24" (600mm)     | 8                  | 6(19)          |
|  | 11'-0" (3.4 m)   | 36" (900mm)         | 30" (750mm)     | 12                 | 7(22)          |
| Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m) | 13'-0" (4.0 m)   | 36" (900mm)         | 30" (750mm)     | 12                 | 7(22)          |
|  | Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m) | 36" (900mm)         | 30" (750mm)     | 12                 | 7(22)          |
| Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m) | 21'-0" (6.4 m)   | 42" (1060mm)        | 36" (900mm)     | 16                 | 8(25)          |
|  | Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m) | 25'-0" (7.6 m)      | 42" (1060mm)    | 16                 | 8(25)          |

**NOTES:**

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001.

**DEPTH OF MAST ARM FOUNDATIONS, TYPE E**

# TRAFFIC SIGNAL LEGEND

| ITEM  | REMOVAL | EXISTING | PROPOSED | ITEM  | REMOVAL | EXISTING | PROPOSED | ITEM   | REMOVAL | EXISTING | PROPOSED |
|---|---------|----------|----------|---|---------|----------|----------|--|---------|----------|----------|
| CONTROLLER CABINET  |         |          |          | EMERGENCY VEHICLE LIGHT DETECTOR  |         |          |          | ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C, UNLESS NOTED OTHERWISE                              |         |          |          |
| RAILROAD CONTROL CABINET  |         |          |          | CONFIRMATION BEACON   |         |          |          | COAXIAL CABLE  |         |          |          |
| COMMUNICATIONS CABINET  |         |          |          | HANDHOLE  |         |          |          | VENDOR CABLE FOR CAMERA  |         |          |          |
| MASTER CONTROLLER   |         |          |          | HEAVY DUTY HANDHOLE   |         |          |          | COPPER INTERCONNECT CABLE, NO. 18 3 PAIR TWISTED, SHIELDED   |         |          |          |
| MASTER MASTER CONTROLLER  |         |          |          | DOUBLE HANDHOLE   |         |          |          | FIBER OPTIC CABLE NO. 62.5/125, MM12F  |         |          |          |
| UNINTERRUPTIBLE POWER SUPPLY  |         |          |          | JUNCTION BOX  |         |          |          | FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F  |         |          |          |
| SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT                        |         |          |          | GALVANIZED STEEL CONDUIT IN TRENCH (T) OR PUSHED (P)  |         |          |          | FIBER OPTIC CABLE NO. 62.5/125, MM12F SM12F  |         |          |          |
| TELEPHONE CONNECTION (P) POLE OR (G) GROUND MOUNT                         |         |          |          | TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE   |         |          |          | FIBER OPTIC CABLE NO. 62.5/125, (NUMBER OF FIBERS & TYPE TO BE NOTED ON PLANS)                     |         |          |          |
| STEEL MAST ARM ASSEMBLY AND POLE  |         |          |          | COMMON TRENCH   |         |          |          | GROUND ROD AT (C) CONTROLLER, (H) HANDHOLE, (P) POST, (M) MAST ARM, OR (S) SERVICE                 |         |          |          |
| ALUMINUM MAST ARM ASSEMBLY AND POLE                                       |         |          |          | COILABLE NONMETALLIC CONDUIT (EMPTY)  |         |          |          | CONTROLLER CABINET AND FOUNDATION TO BE REMOVED  |         |          |          |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE               |         |          |          | SYSTEM ITEM   |         | S        | S        | STEEL MAST ARM POLE AND FOUNDATION TO BE REMOVED   |         |          |          |
| STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH PTZ CAMERA              |         |          |          | INTERSECTION ITEM   |         | I        | IP       | ALUMINUM MAST ARM POLE AND FOUNDATION TO BE REMOVED  |         |          |          |
| SIGNAL POST   |         |          |          | REMOVE ITEM   | R       |          |          | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE AND FOUNDATION TO BE REMOVED           |         |          |          |
| TEMPORARY WOOD POLE (CLASS 5 OR BETTER) 45 FOOT (13.7m) MINIMUM           |         |          |          | RELOCATE ITEM   | RL      |          |          | SIGNAL POST AND FOUNDATION TO BE REMOVED   |         |          |          |
| GUY WIRE  |         |          |          | ABANDON ITEM  | A       |          |          | INTERSECTION & SAMPLING (SYSTEM) DETECTOR  |         |          |          |
| SIGNAL HEAD   |         |          |          | 12" (300mm) TRAFFIC SIGNAL SECTION  |         |          |          | SAMPLING (SYSTEM) DETECTOR   |         |          |          |
| SIGNAL HEAD CONSTRUCTION STAGES (NUMBERS INDICATE THE CONSTRUCTION STAGE) |         |          |          | 12" (300mm) RED WITH 8" (200mm) YELLOW AND GREEN TRAFFIC SIGNAL FACE  |         |          |          | EXISTING INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR           |         |          |          |
| SIGNAL HEAD WITH BACKPLATE  |         |          |          | SIGNAL FACE   |         |          |          | EXISTING PREFORMED INTERSECTION LOOP DETECTOR PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR |         |          |          |
| SIGNAL HEAD OPTICALLY PROGRAMMED  |         |          |          | SIGNAL FACE WITH BACKPLATE, "P" INDICATES PROGRAMMED HEAD   |         |          |          | PREFORMED INTERSECTION AND SAMPLING (SYSTEM) DETECTOR  |         |          |          |
| FLASHER INSTALLATION (S DENOTES SOLAR POWER)                              |         |          |          | 12" (300mm) PEDESTRIAN SIGNAL HEAD WALK/DON'T WALK SYMBOL   |         |          |          | PREFORMED SAMPLING (SYSTEM) DETECTOR   |         |          |          |
| PEDESTRIAN SIGNAL HEAD  |         |          |          | 12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, OUTLINED   |         |          |          |  |         |          |          |
| PEDESTRIAN PUSHBUTTON DETECTOR  |         |          |          | 12" (300mm) PEDESTRIAN SIGNAL HEAD INTERNATIONAL SYMBOL, SOLID  |         |          |          |  |         |          |          |
| ACCESSIBLE PEDESTRIAN PUSHBUTTON DETECTOR                                 |         |          |          | PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN TIMER  |         |          |          |  |         |          |          |
| ILLUMINATED SIGN "NO LEFT TURN"   |         |          |          | RADIO INTERCONNECT  |         |          |          |  |         |          |          |
| ILLUMINATED SIGN "NO RIGHT TURN"  |         |          |          | RADIO REPEATER  |         |          |          |  |         |          |          |
| DETECTOR LOOP, TYPE I   |         |          |          | DENOTES NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE, ALL DETECTOR LOOP CABLE TO BE SHIELDED |         |          |          |  |         |          |          |
| PREFORMED DETECTOR LOOP   |         |          |          | GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)  |         |          |          |  |         |          |          |
| MICROWAVE VEHICLE SENSOR  |         |          |          |   |         |          |          |  |         |          |          |
| VIDEO DETECTION CAMERA  |         |          |          |   |         |          |          |  |         |          |          |
| VIDEO DETECTION ZONE  |         |          |          |   |         |          |          |  |         |          |          |
| PAN, TILT, ZOOM CAMERA  |         |          |          |   |         |          |          |  |         |          |          |
| WIRELESS DETECTOR SENSOR  |         |          |          |   |         |          |          |  |         |          |          |
| WIRELESS ACCESS POINT   |         |          |          |   |         |          |          |  |         |          |          |

## RAILROAD SYMBOLS

|                              | EXISTING | PROPOSED |
|------------------------------|----------|----------|
| RAILROAD CONTROL CABINET     |          |          |
| RAILROAD CANTILEVER MAST ARM |          |          |
| FLASHING SIGNAL              |          |          |
| CROSSING GATE                |          |          |
| CROSSBUCK                    |          |          |