

PROPOSED PLAN C AND B CURVE DATA

COMMONWEALTH LANE

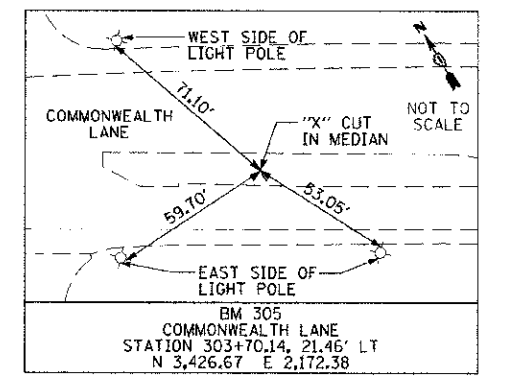
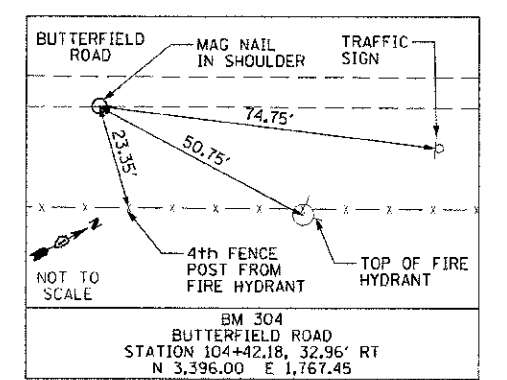
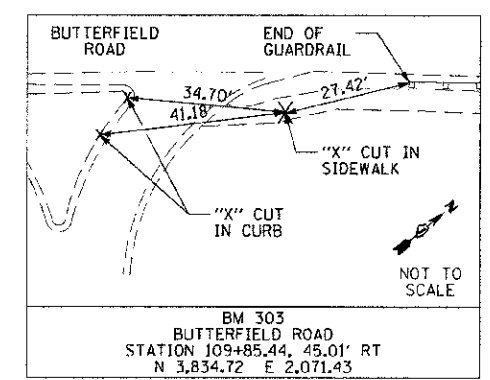
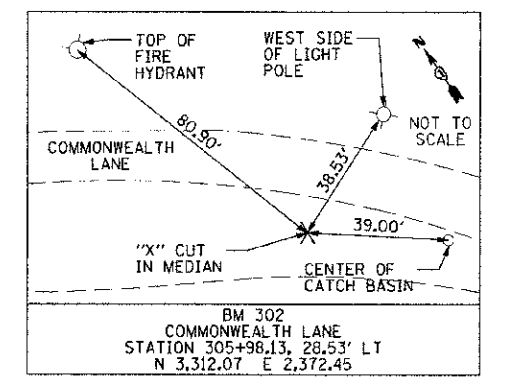
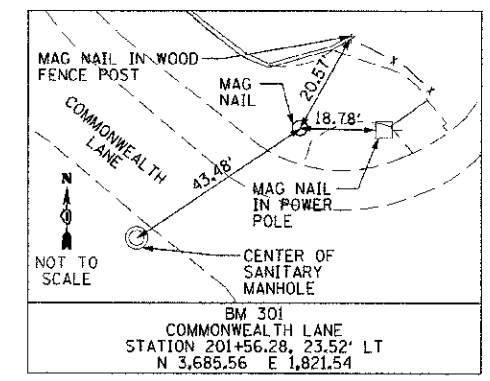
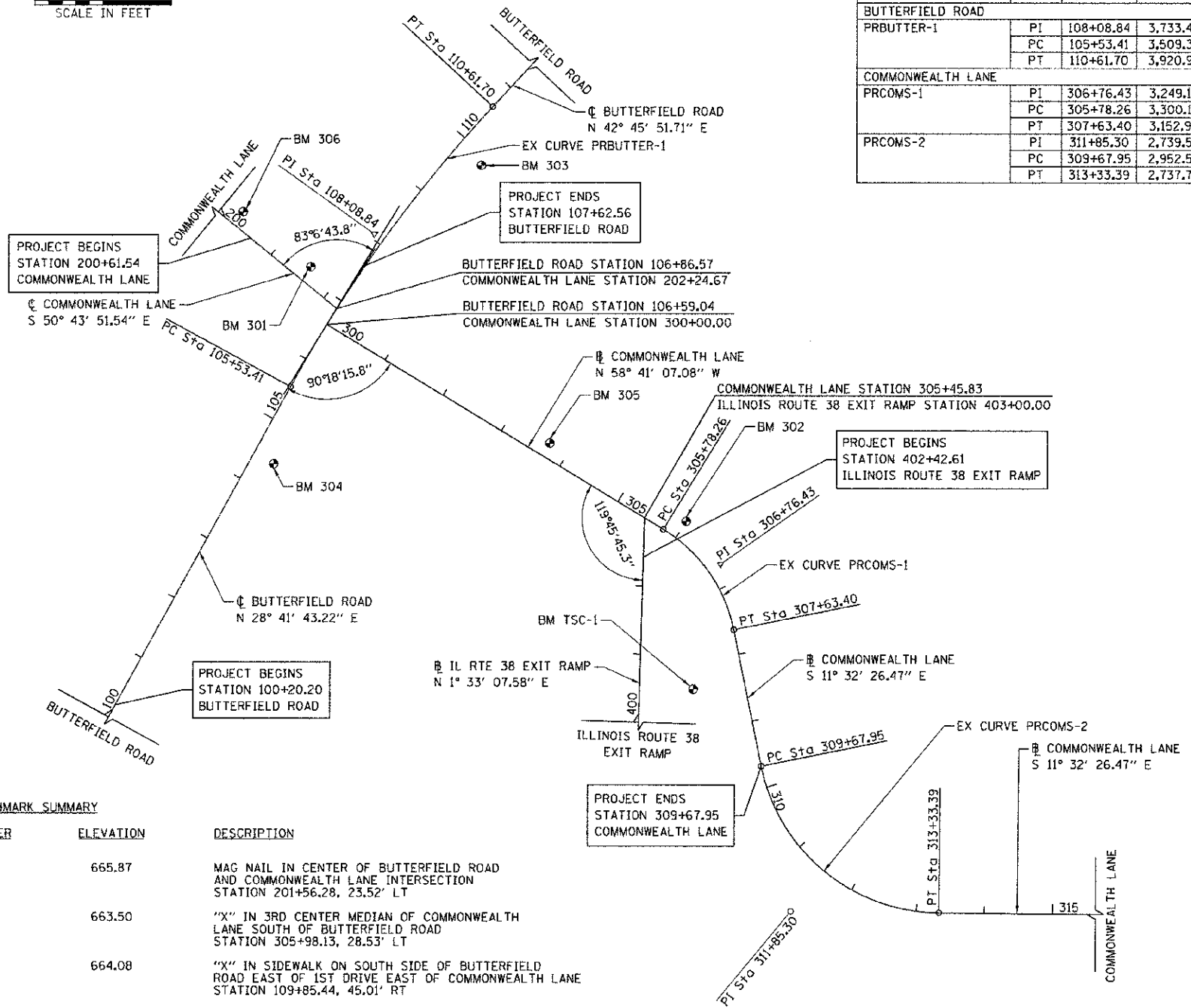
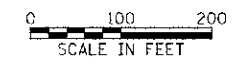
BUTTERFIELD ROAD

EX CURVE PRCOMS-1  
 PI STA. = 306+76.43  
 Δ = 47° 08' 41" (RT)  
 D = 25° 27' 53"  
 R = 225.00'  
 T = 98.17'  
 L = 185.14'  
 E = 20.48'  
 e = SEE SHEET NO. 37  
 T.R. = SEE SHEET NO. 37  
 S.E. RUN = 81'  
 P.C. STA. = 305+78.26  
 P.T. STA. = 307+63.40

EX CURVE PRCOMS-2  
 PI STA. = 311+85.30  
 Δ = 77° 58' 33" (LT)  
 D = 21° 20' 15"  
 R = 268.52'  
 T = 217.35'  
 L = 365.44'  
 E = 76.94'  
 e = MATCH EXISTING  
 T.R. = MATCH EXISTING  
 S.E. RUN = MATCH EXISTING  
 P.C. STA. = 309+67.95  
 P.T. STA. = 313+33.39

EX CURVE PRBUTTER-1  
 PI STA. = 108+08.84  
 Δ = 14° 04' 08" (RT)  
 D = 2° 46' 04"  
 R = 2,070.00'  
 T = 255.43'  
 L = 508.29'  
 E = 15.70'  
 e = MATCH EXISTING  
 T.R. = MATCH EXISTING  
 S.E. RUN = MATCH EXISTING  
 P.C. STA. = 105+53.41  
 P.T. STA. = 110+61.70

| COORDINATE DATA                |       |           |          |          |
|--------------------------------|-------|-----------|----------|----------|
| CURVE                          | POINT | STATION   | NORTHING | EASTING  |
| BUTTERFIELD ROAD<br>PRBUTTER-1 | PI    | 108+08.84 | 3,733.45 | 1,914.59 |
|                                | PC    | 105+53.41 | 3,509.39 | 1,791.95 |
|                                | PT    | 110+61.70 | 3,920.97 | 2,088.02 |
| COMMONWEALTH LANE<br>PRCOMS-1  | PI    | 306+76.43 | 3,249.14 | 2,422.90 |
|                                | PC    | 305+78.26 | 3,300.16 | 2,339.03 |
|                                | PT    | 307+63.40 | 3,152.96 | 2,442.54 |
| PRCOMS-2                       | PI    | 311+85.30 | 2,739.59 | 2,526.95 |
|                                | PC    | 309+67.95 | 2,952.54 | 2,483.46 |
|                                | PT    | 313+33.39 | 2,737.75 | 2,744.29 |



BENCHMARK SUMMARY

| NUMBER  | ELEVATION                          | DESCRIPTION  |
|---------|------------------------------------|--|
| 301     | 665.87                             | MAG NAIL IN CENTER OF BUTTERFIELD ROAD AND COMMONWEALTH LANE INTERSECTION STATION 201+56.28, 23.52' LT   |
| 302     | 663.50                             | "X" IN 3RD CENTER MEDIAN OF COMMONWEALTH LANE SOUTH OF BUTTERFIELD ROAD STATION 305+98.13, 28.53' LT   |
| 303     | 664.08                             | "X" IN SIDEWALK ON SOUTH SIDE OF BUTTERFIELD ROAD EAST OF 1ST DRIVE EAST OF COMMONWEALTH LANE STATION 109+85.44, 45.01' RT   |
| 304     | 668.39                             | MAG NAIL IN BITUMINOUS SHOULDER SOUTH SIDE OF BUTTERFIELD ROAD WEST OF COMMONWEALTH LANE STATION 104+42.18, 32.96' RT  |
| 305     | 664.31                             | "X" IN 2ND CENTER MEDIAN OF COMMONWEALTH LANE SOUTH OF BUTTERFIELD ROAD STATION 303+70.14, 21.46' LT   |
| 306     | 667.94                             | MAG NAIL OF OLD BUTTERFIELD ROAD AND COMMONWEALTH LANE STATION 200+28.23, 23.40' LT  |
| TSC-1   | 664.41                             | SET 5/8" REBAR WITH YELLOW CAP IN FIELD WEST OF COMMONWEALTH LANE AND EAST OF ILLINOIS ROUTE 38 STATION 308+37.20, 75.45' RT   |
| YK13001 | 685.99 (NGVD29)<br>685.69 (NAVD88) | BRONZE DISK MONUMENT ESTABLISHED IN CONCRETE BASE OF TRAFFIC CONTROL LIGHT STAMPED WITH "DUPAGE COUNTY OF MAPS AND PLATS" LOCATED AT THE SOUTHEAST CORNER OF BUTTERFIELD AND YORK ROADS. |

|      |    |                              |
|------|----|------------------------------|
| DATE | BY | REVISIONS                    |
|      |    | 1. APPROVED FOR CONSTRUCTION |
|      |    | 2. ALIGNED                   |
|      |    | 3. CHECKED                   |
|      |    | 4. DATE FILED                |

|      |    |            |
|------|----|------------|
| DATE | BY | REVISIONS  |
|      |    | 1. PROFILE |
|      |    | 2. CHECKED |
|      |    | 3. DATE    |

|  |                      |                |           |
|--|----------------------|----------------|-----------|
| FILE NAME = g:\CH88\0208\Road\Sheets\DX208-SHT-AT8.dgn | USER NAME = tkendall | DESIGNED - TKS | REVISED - |
| PLOT SCALE = 308.0000 ft / IN.                         | DRAWN - TKS          | CHECKED - JMG  | REVISED - |
| PLOT DATE = 11/6/2012                                  | DATE - 10/22/2012    |                |           |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

BUTTERFIELD ROAD AT COMMONWEALTH LANE  
 ALIGNMENT, TIES, AND BENCHMARKS

SCALE: 1"=100' SHEET NO. 15 OF 108 SHEETS

|                    |                        |               |   |              |
|--------------------|------------------------|---------------|---|--------------|
| F.A.U. NO. 3545    | SECTION 09-00170-00-CH | COUNTY DUPAGE | TOTAL SHEETS 108                                | SHEET NO. 15 |
| CONTRACT NO. 63742 |                        |               | FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT |              |