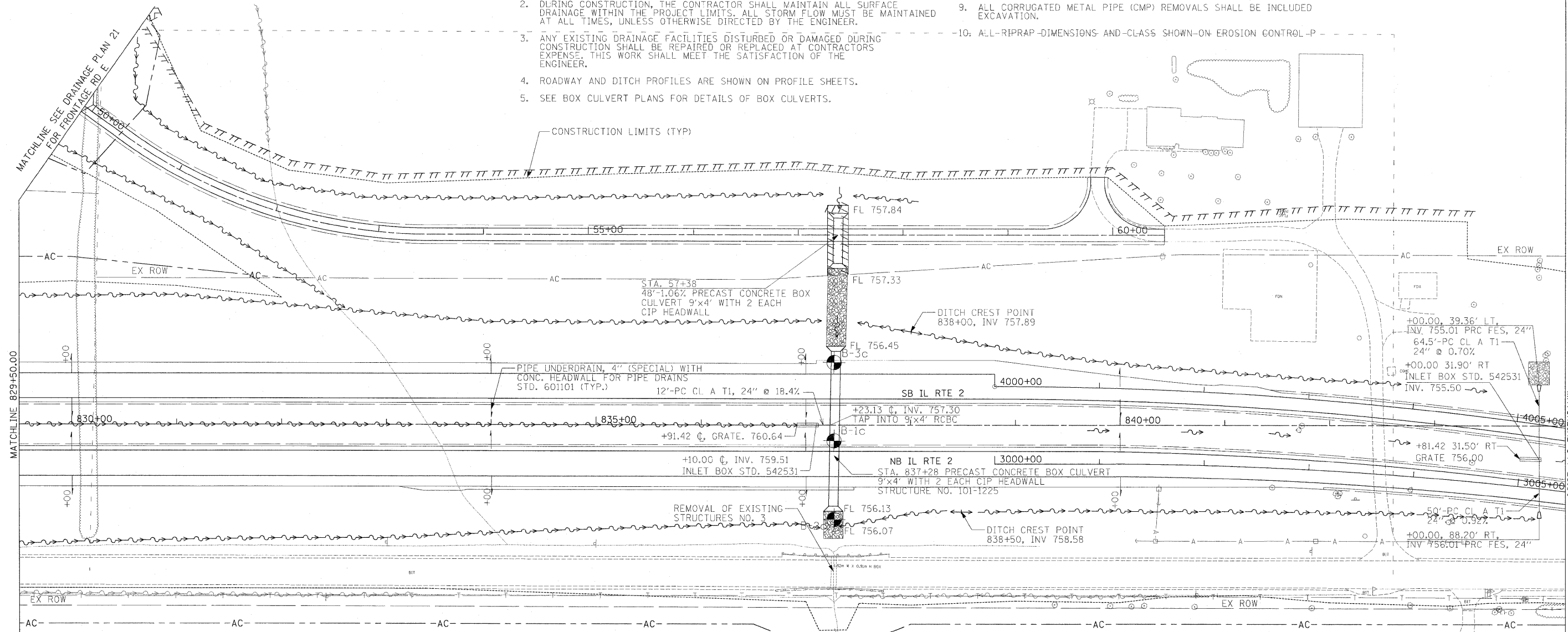


DRAINAGE LEGEND

- PRC PRECAST REINFORCED CONCRETE
- FES FLARED END SECTION
- EORS ELLIPTICAL EQUIVALENT ROUND SIZE
- CL CLASS
- T TYPE

DRAINAGE GENERAL NOTES:

1. THE CONTRACTOR SHALL COORDINATE THE PROPOSED DRAINAGE SYSTEM CONSTRUCTION WITH ALL OTHER UTILITY ADJUSTMENTS AND INSTALLATIONS AS APPROVED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN CONSTRUCTION OF THE PROPOSED DRAINAGE SYSTEM.
2. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN ALL SURFACE DRAINAGE WITHIN THE PROJECT LIMITS. ALL STORM FLOW MUST BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. ANY EXISTING DRAINAGE FACILITIES DISTURBED OR DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT CONTRACTORS EXPENSE. THIS WORK SHALL MEET THE SATISFACTION OF THE ENGINEER.
4. ROADWAY AND DITCH PROFILES ARE SHOWN ON PROFILE SHEETS.
5. SEE BOX CULVERT PLANS FOR DETAILS OF BOX CULVERTS.
6. LATERAL DISTANCES FROM THE CENTERLINES/BASELINES ON ALL INLET A CURB LINE ARE AT THE EDGE OF PAVEMENT. LATERAL DISTANCES CENTERLINES/BASELINES ON ALL INLETS OR MANHOLES ARE TO THE CENTER OF LID.
7. ALL CULVERT PIPES UNDER DRIVEWAYS SHALL MATCH FLOW LINES OF
8. ALL PIPE UNDERDRAIN HEADWALLS INSTALLED PER STANDARD 601001
9. ALL CORRUGATED METAL PIPE (CMP) REMOVALS SHALL BE INCLUDED EXCAVATION.
10. ALL RIPRAP DIMENSIONS AND CLASS SHOWN ON EROSION CONTROL PLAN



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|-------------------------------|---------------------------------|
| STATION | 837+28 (Main Line) |
| CULVERT SIZE & TYPE | 148'-9"x4' Precast Concrete Box |
| DRAINAGE AREA, IN ACRES | 205 |
| PROPOSED OPENING, IN SQ. FEET | 36 |
| 50-Year Discharge, CFS | 194 |
| 50-Year Headwater Elev. | 760.8 |
| 100-Year Discharge, CFS | 222 |
| 100-Year Headwater Elev. | 761.1 |

| | |
|-------------------------------|--------------------------------|
| STATION | 57+38 (Driveway E) |
| CULVERT SIZE & TYPE | 48'-9"x4' Precast Concrete Box |
| DRAINAGE AREA, IN ACRES | 205 |
| PROPOSED OPENING, IN SQ. FEET | 36 |
| 50-Year Discharge, CFS | 194 |
| 50-Year Headwater Elev. | 762.36 |
| 100-Year Discharge, CFS | 222 |
| 100-Year Headwater Elev. | 762.7 |

WORKING PLATFORM OF 12" THICK BREAKER-RUN CRUSHED STONE SHALL BE USED UNDER THESE BOX CULVERTS. THE CAPPING AGGREGATE 6" SHOULD BE CA 7 AND IS INCLUDED IN THE COST OF THE BOX CULVERT.

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| | | |
|-------------------------------|-----------------|-----------|
| USER NAME = zulkowsd | DESIGNED STS/GC | REVISED - |
| PLOT SCALE = 50,0000 FT / IN. | DRAWN RDT | REVISED - |
| PLOT DATE = 2/2/2011 | CHECKED GC | REVISED - |
| | DATE 01-14-11 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

| | |
|--|-----------------------------|
| ILLINOIS ROUTE 2 DRAINAGE PLAN 11 STA 829+50 TO 844+25 | |
| SCALE: 1"=50' | SHEET NO. 200 OF 530 SHEETS |
| STA. | TO STA. |

| | | | | |
|---|--------------------------|------------------|------------------|---------------|
| F.A.P. RTE. 734 | SECTION 77-2-2 & 77-2B-1 | COUNTY WINNEBAGO | TOTAL SHEETS 530 | SHEET NO. 200 |
| CONTRACT NO. 64813 | | | | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |