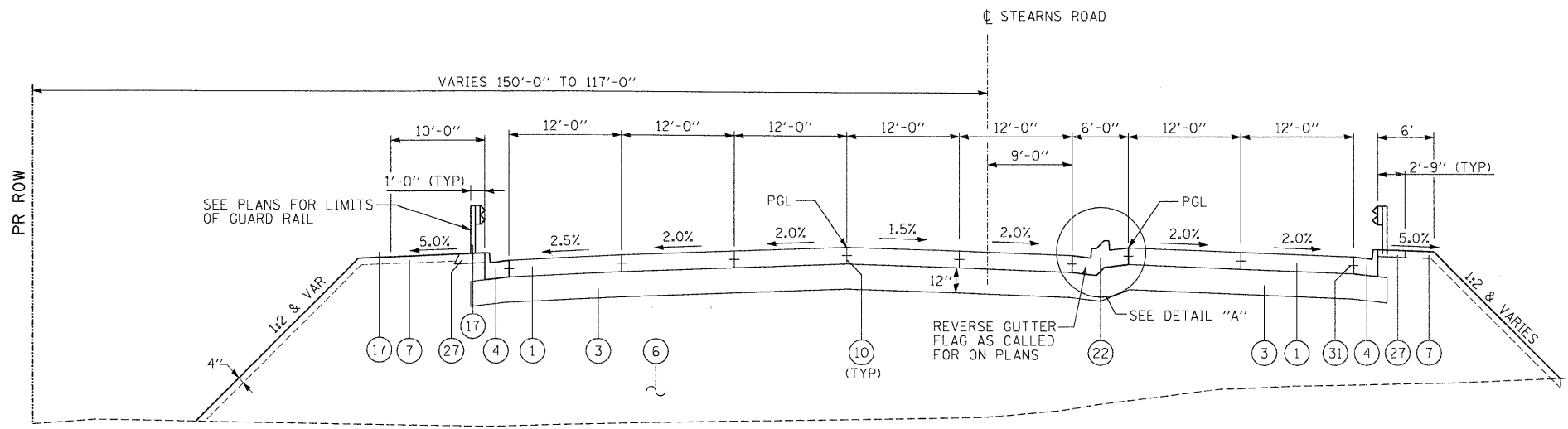
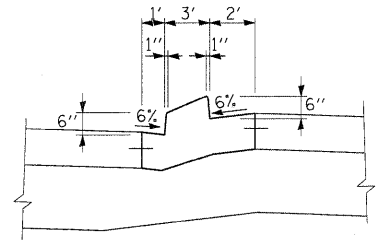


**LEGEND**

- ① PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ② STABILIZED SUB-BASE, HOT-MIX ASPHALT, 4 1/2"
- ③ SUB-BASE GRANULAR MATERIAL, TYPE B, 12" & VARIES
- ④ COMBINATION CONCRETE CURB AND GUTTER B6.24
- ⑤ HOT-MIX ASPHALT SHOULDERS, 8" (IN 3 LIFTS)
- ⑥ EARTH EXCAVATION
- ⑦ TOPSOIL EXCAVATION AND PLACEMENT
- ⑧ CLAY LINER, 8"
- ⑨ PORTLAND CEMENT CONCRETE SHOULDERS, 6"
- ⑩ LONGITUDINAL CONSTRUCTION JOINT (INCLUDED IN COST OF PORTLAND CEMENT CONCRETE PAVEMENT, 10" JOINTED)
- ⑪ AGGREGATE SHOULDERS TYPE B, 8"
- ⑫ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 2"
- ⑬ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10 1/2" (IN 5 LIFTS)
- ⑭ AGGREGATE BASE COURSE TYPE B, 6"
- ⑮ GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- ⑯ COMPACTED LIMESTONE SCREENINGS (FA 5), 2" } PAID FOR AS
- ⑰ STEEL PLATE BEAM GUARD RAIL, TYPE A } ⑯ AGGREGATE PATH, 8"
- ⑱ NOT USED
- ⑲ NOT USED
- ⑳ LEVELING BINDER (MACHINE METHOD), N70 (3/4" MINIMUM)
- ㉑ COMBINATION CONCRETE CURB AND GUTTER B6.12
- ㉒ CONCRETE MEDIAN, TYPE SB (SPEC)
- ㉓ BICYCLE RAILING
- ㉔ HOT MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
- ㉕ HOT MIX ASPHALT BINDER COURSE, IL-19.0 N50, 6 1/2" (IN 3 LIFTS)
- ㉖ SAW CUTS
- ㉗ HOT-MIX ASPHALT SHOULDER, 6" (IN 2 LIFTS)
- ㉘ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"
- ㉙ POLYMERIZED LEVELING BINDER (MACHINE METHOD) IL-4.75, N50, 1 1/2"
- ㉚ PORTLAND CEMENT CONCRETE PAVEMENT, 9"
- ㉛ TIE BARS (INCLUDED IN COST OF COMB CONC CURB & GUTTER AND CONC MEDIAN, TYPE SB (SPEC))

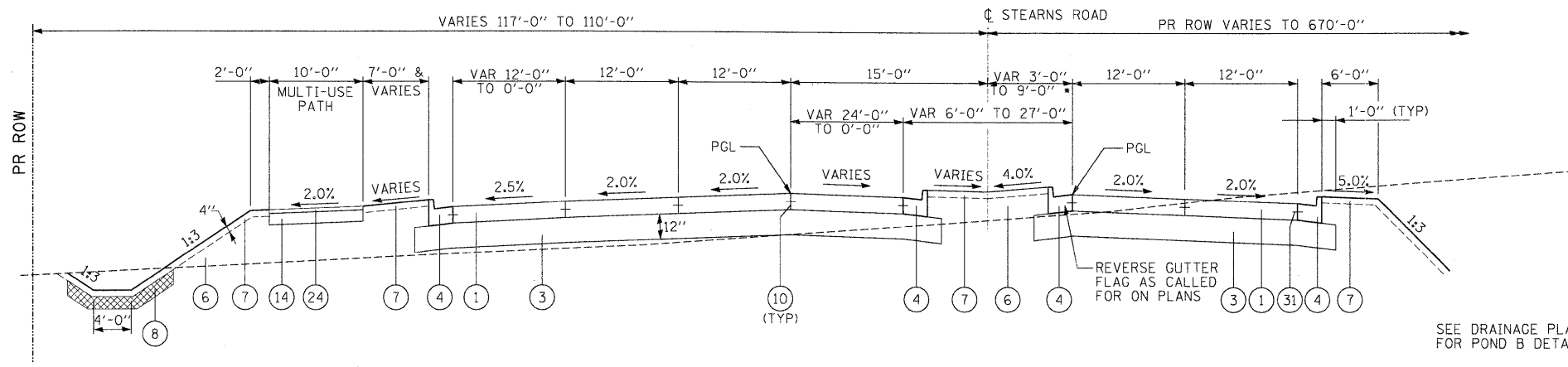


FOR MULTI-USE PATH, SEE SHEET 33



**DETAIL A**

**STEARNS ROAD**  
 STA 147+54.73 STA 152+52.00  
 IL-25/STEARNS ROAD /DUNHAM ROAD INTERSECTION  
 STA 146+47.49 to STA 148+59.86



SEE DRAINAGE PLANS FOR POND B DETAILS

\* VARIES FROM 3'-0" AT STA 152+52.00 TO 9'-0" AT STA 155+22.00

**STEARNS ROAD**  
 STA 152+52.00 TO STA 155+12.00

|   |           |              |       |
|---|-----------|--------------|-------|
| <b>STRUCTURAL DESIGN TRAFFIC:</b>                           |           | YEAR         | 2020  |
| PV = 30,960   | SU = 2520 | MU = 2520    |       |
| <b>ROAD/STREET CLASSIFICATION:</b>                          |           | CLASS        | I     |
| <b>PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:</b> |           |              |       |
| P = 32%   | S = 45%   | M = 45%      |       |
| <b>TRAFFIC DATA:</b>  |           | ACTUAL TF =  | 19.09 |
|   |           | MINIMUM TF = | 6.03  |
| <b>SUBGRADE SUPPORT RATING:</b>                             |           | SSR =        | POOR  |

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|             |                            |                |           |
|-------------|----------------------------|----------------|-----------|
| FILE NAME = | USER NAME = #USER#         | DESIGNED - JRM | REVISED - |
| #FILES#     |                            | DRAWN - INS    | REVISED - |
|             | PLOT SCALE = 8.3300' / IN. | CHECKED - JNR  | REVISED - |
|             | PLOT DATE = 3/30/2009      | DATE - 3/31/09 | REVISED - |

**KANE COUNTY  
 DIVISION OF TRANSPORTATION**

**PROPOSED TYPICAL SECTION  
 STEARNS ROAD**

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

| F.A. RTE.                                     | SECTION        | COUNTY      | TOTAL SHEETS       | SHEET NO. |
|---|----------------|-------------|--------------------|-----------|
| 361   | 06-00214-15-BR | KANE/DUPAGE | 545                | 28        |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |                |             | CONTRACT NO. 63074 |           |