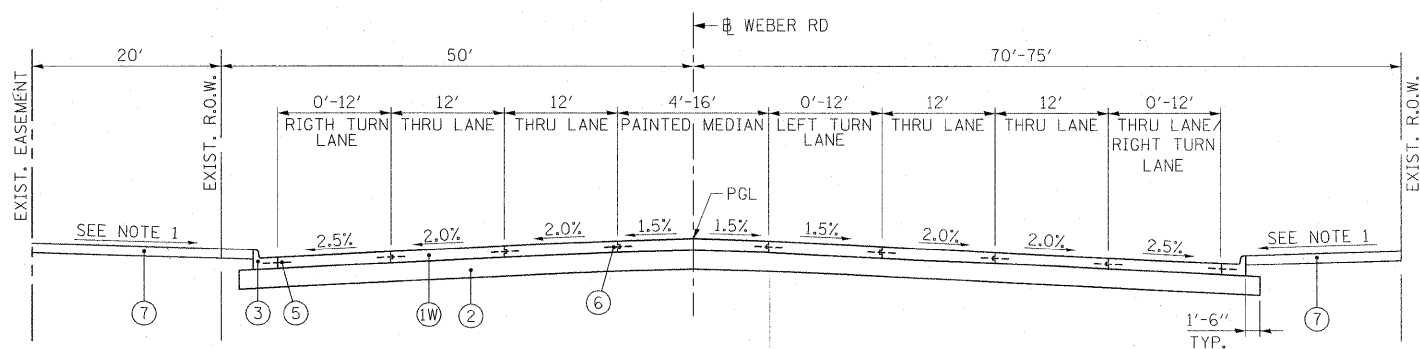
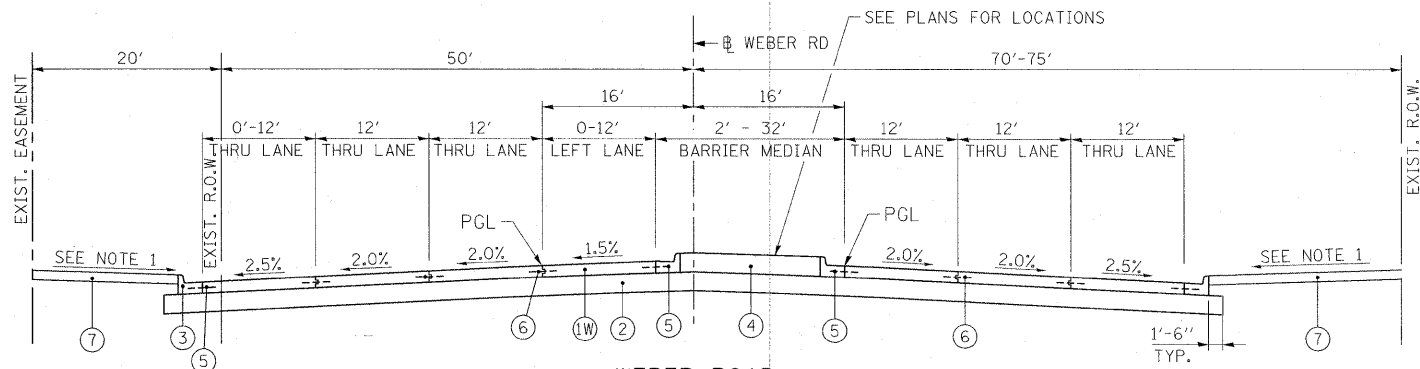


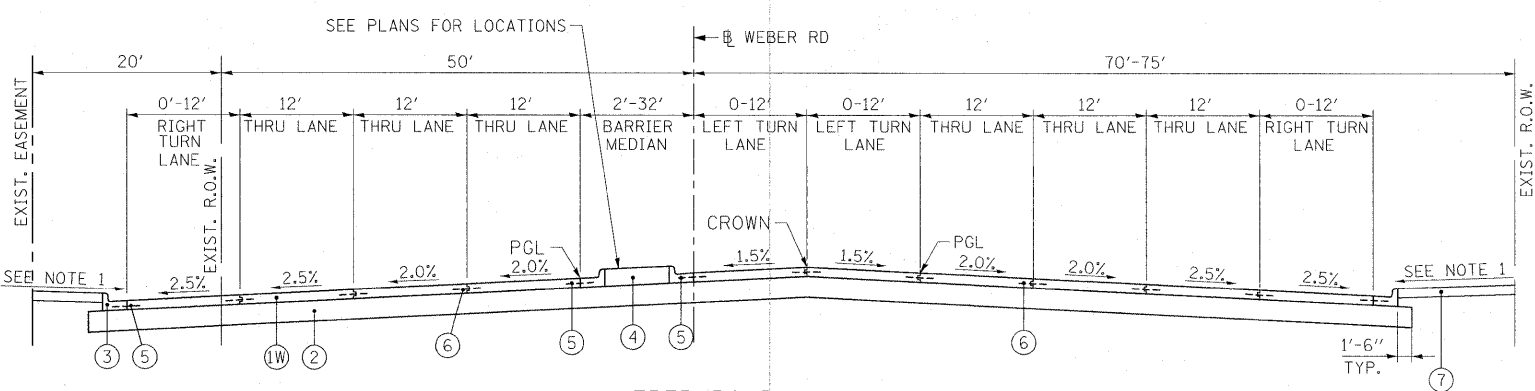
**WEBER ROAD**  
**EXISTING TYPICAL SECTION**  
STA. 31+41.50 TO STA. 66+00



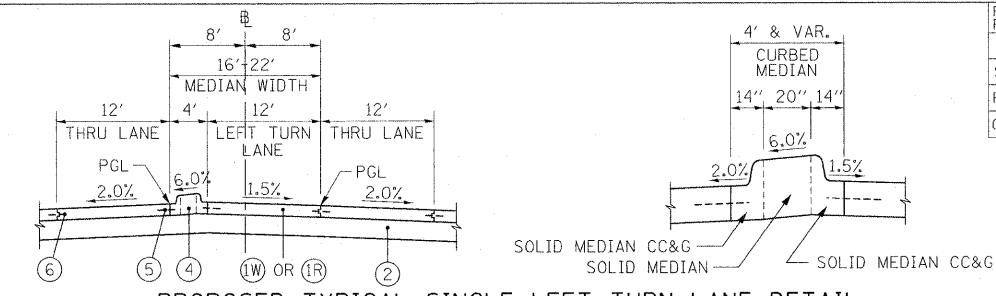
**WEBER ROAD**  
**PROPOSED TYPICAL SECTION**  
STA. 31+41.50 TO STA. 35+92



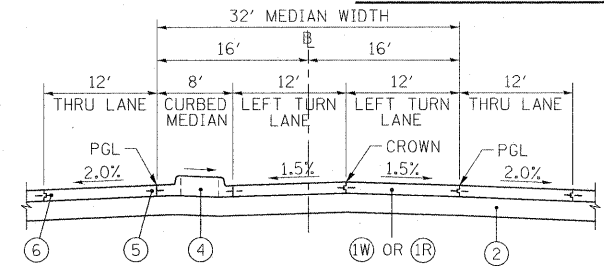
**WEBER ROAD**  
**PROPOSED TYPICAL SECTION**  
STA. 35+92 TO STA. 44+47



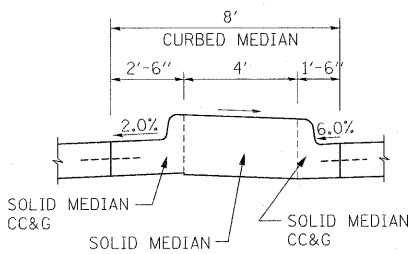
**WEBER ROAD**  
**PROPOSED TYPICAL SECTION**  
STA. 44+47 TO STA. 66+00



**PROPOSED TYPICAL SINGLE LEFT TURN LANE DETAIL**



**PROPOSED TYPICAL DUAL LEFT TURN LANE DETAIL**



**PROPOSED LANDSCAPED MEDIAN DETAIL**  
(SEE PLANS FOR LOCATIONS)

- |   |  |                                       |
|---|--|---------------------------------------|
| <b>EXISTING LEGEND</b>                              | <b>PROPOSED LEGEND</b>   |                                       |
| (A) 1 1/2" HMA SURFACE COURSE                       | (IR) P.C.C. CONCRETE PAVEMENT 8" (JOINTED)   | (9) HMA SHOULDER 8"                   |
| (B) 1 1/2" HMA BINDER COURSE                        | (IW) P.C.C. CONCRETE PAVEMENT 9 3/4" (JOINTED)   | (10) TOPSOIL FURNISH & PLACE, SPECIAL |
| (C) 10" HMA BASE COURSE                             | (2) AGGREGATE SUBGRADE, 12"  | (11) SODDING, SALT TOLERANT           |
| (D) 4" SUB-BASE GRANULAR MATERIAL, TYPE A           | (3) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24  |                                       |
| (E) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 | (4) CONCRETE BARRIER MEDIAN  |                                       |
| (F) AGGREGATE SHOULDER                              | (5) #6 EPOXY-COATED REINF. BAR @ 24" C-C, 24" LONG, PER IDOT STANDARD 606001-04 (COST INCLUDED IN COMBINATION CONCRETE CURB & GUTTER)        |                                       |
| (G) DRAINAGE DITCH                                  | (6) KEYED LONG. CONST. JOINT WITH #6 EPOXY-COATED REINF. BAR @ 30" C-C, 30" LONG PER IDOT STANDARD 420001-07 (COST INCLUDED IN PCC PAVEMENT) |                                       |
| (H) PARKWAY   | (7) TOPSOIL (4") AND SODDING, SALT TOLERANT  |                                       |
|   | (8) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"   |                                       |

HOT-MIX ASPHALT REQUIREMENTS		
ITEM	VOIDS	THICKNESS
FOR TEMPORARY PAVEMENT USE: HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 MM) TEMP PAVEMENT (HMA BINDER COURSE IL-19 MM)	4% @ 70 GYR. 4% @ 70 GYR.	1 3/4 INCHES 4 1/4 INCHES (IN 2 LIFTS)
FOR HMA SHOULDERS USE: HMA SHOULDER (HMA BINDER IL-19 MM)	2% @ 30 GYR.	8 INCHES (IN 3 LIFTS)
FOR INCIDENTAL HMA SURFACING USE: HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	4% @ 50 GYR.	6 INCHES
FOR RENWICK ROAD USE: HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 MM)	4% @ 70 GYR.	2 INCHES
FOR RYAN DRIVE USE: HMA BINDER COURSE, IL-19.0, HMA SURFACE COURSE, MIX "D", N70 (IL 9.5MM)	4% @ 70 GYR. 4% @ 70 GYR.	2 1/4 INCHES 1 1/2 INCHES
FOR HMA DRIVEWAY USE: HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	4% @ 50 GYR.	2 1/4 INCHES

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ.YD./IN.
- THE "AC TYPE" SHALL BE "PG64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS FOR "PERCENT OF RAP". SEE DISTRICT ONE SPECIAL PROVISIONS.

**NOTES:**

1. THE PARKWAY GRADING SHALL MAINTAIN A SLOPE OF 2% TOWARD THE PAVEMENT OR AS SHOWN ON THE CROSS SECTION.
2. POROUS GRANULAR EMBANKMENT, SUBGRADE (PGES) HAS BEEN PROVIDED FOR USE FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH PGES WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.03 AND THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.
3. THE ACTUAL NEED OF GROUND STABILIZATION FABRIC TO ACT AS A SEPARATION BARRIER BETWEEN THE PGES AND THE UNCONTROLLED FILL WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER.

STRUCTURAL PAVEMENT DESIGN DATA	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2021
PV = 29700	SU = 1480 MU = 320
ROAD / STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32	S = 45 M = 45
TRAFFIC FACTOR:	ACTUAL TF = 323 AC TYPE = N/A
	MINIMUM TF = 0.5
PG GRADE:	BINDER = N/A SURFACE = N/A
SUBGRADE SUPPORT RATING:	SSR = POOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**TYPICAL SECTIONS**  
**WEBER ROAD**

SCALE: NONE  
DATE: APRIL, 2011

DRAWN BY: CJO  
CHECKED BY: MFB

11/1/2011 P:\179766\cadd\drwings\009T\psectweb.dgn