



5 - PROPOSED RAMP 55S70W
STA 65+00.00 TO STA 70+90.00

* SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS
 ** PR FENCE RIGHT ENDS AT STA 68+87.08
 *** LIGHTWEIGHT CELLULAR CONCRETE FILL FROM STA 67+75.00 TO STA 70+40.00
 **** SB I-55 SHOULDER AND COMB CC&G ENDS AT STA 67+47.29

- EXISTING LEGEND:**
- (A) HMA OVERLAY - 4" AND VARIES
 - (B) CONTINUOUSLY REINFORCED PORTLAND CEMENT - 10" AND VARIES CONCRETE PAVEMENT (CRPCCP)
 - (C) STABILIZED SUB-BASE - 4"
- PROPOSED LEGEND:**
- (1) EMBANKMENT
 - (2) SEEDING CLASS 2A
 - (3) TEMPORARY EROSION CONTROL SEEDING (INCLUDING MULCH METHOD 1)
 - (4) CHAIN LINK FENCE, 10' (SPECIAL)
 - (5) PORTLAND CEMENT CONCRETE PAVEMENT - 10 1/2" (JOINTED) (RAMPS)
 - (6) AGGREGATE BASE COURSE, TYPE A, 12" (SEE NOTE 2)
 - (7) PORTLAND CEMENT CONCRETE SHOULDERS - 10 1/2"
 - (8) AGGREGATE SHOULDERS, TYPE B - 10 1/2"
 - (9) #6 TIE BARS, 30" LONG AT 30" C-C (IF LONGITUDINAL SAWED JOINT) / #6 TIE BARS, 24" LONG AT 24" C-C (IF LONGITUDINAL CONSTRUCTION JOINT) (INCLUDED IN PRICE FOR BID FOR VARIOUS PCC ITEMS)
 - (10) #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR BID FOR VARIOUS PCC ITEMS)
 - (11) PIPE UNDERDRAINS - 6"
 - (12) CONCRETE BARRIER SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
 - (13) CONCRETE PARAPET (SEE STRUCTURAL SHEETS)
 - (14) STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS OR TRAF BAR TERM
 - (15) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 MODIFIED (DEPRESSED)
 - (16) REINFORCED CONCRETE MOMENT SLAB (SEE STRUCTURAL SHEETS)
 - (17) POLYMERIZED HMA SC, SMA, N80 4"
 - (18) BITUMINOUS MATERIALS (PRIME COAT)
 - (19) PORTLAND CEMENT CONCRETE SHOULDERS - 10"
 - (20) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"

- NOTES:**
1. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 4% THE SHOULDER SHALL BE SLOPED AT 4%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 4% THE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN PAVEMENT AND SHOULDER SLOPES WILL NOT BE GREATER THAN 8%.
 2. ANY CHANGES TO THICKNESS OF AGGREGATE BASE COURSE, TYPE A 12" TO DRAIN TO UNDERDRAINS WILL BE INCLUDED IN THE COST OF THE PAY ITEM. NO ADDITIONAL COMPENSATION WILL BE MADE.

RAMP 55S70W

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|--|-------------------|--------------|
| STRUCTURAL DESIGN TRAFFIC: | YEAR | 2030 |
| PV= 8,136 | SU= 509 | MU= 1,526 |
| ROAD/STREET CLASSIFICATION: | CLASS I | |
| PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: | P= 80% | S= 5% M= 15% |
| TRAFFIC FACTOR: | ACTUAL TF= 11.37 | AC TYPE= 19 |
| | MINIMUM TF= 11.17 | |
| PG GRADE: | BINDER= NA | SURFACE= NA |
| SUBGRADE SUPPORT RATING | SSR= POOR | |

| | | |
|---------------------------|----------------|-----------|
| USER NAME = Henaoc | DESIGNED - JWM | REVISED - |
| PLOT SCALE = 20,000 / in. | DRAWN - JWM | REVISED - |
| PLOT DATE = #DATE# | CHECKED - DBM | REVISED - |
| | DATE - 3-18-11 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

| | | | | |
|---------------------|----------|-----------|---------------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 70 | 82-1-B-1 | ST. CLAIR | 319 | 14 |
| FED. ROAD DIST. NO. | | | ILLINOIS FED. AID PROJECT | |

SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. 65+61.98 TO STA. 69+33.52