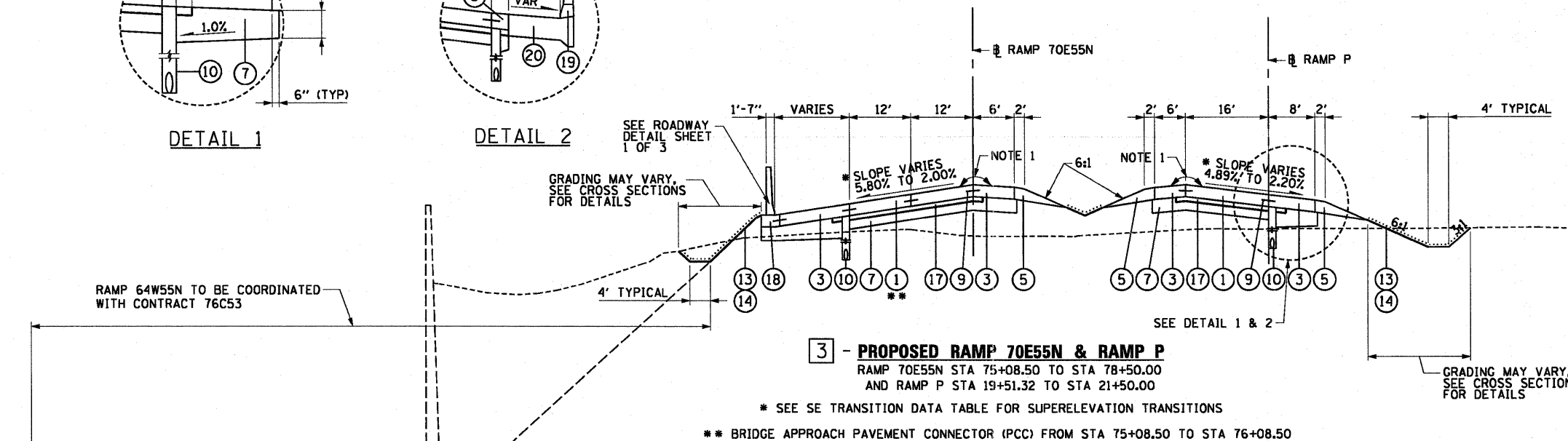
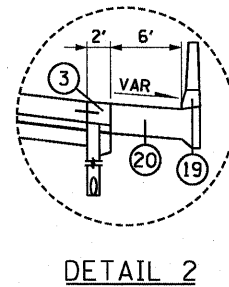
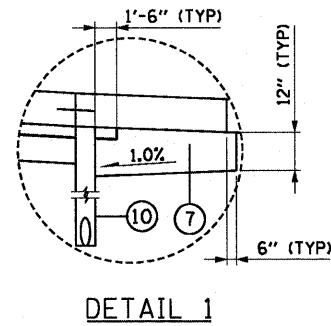


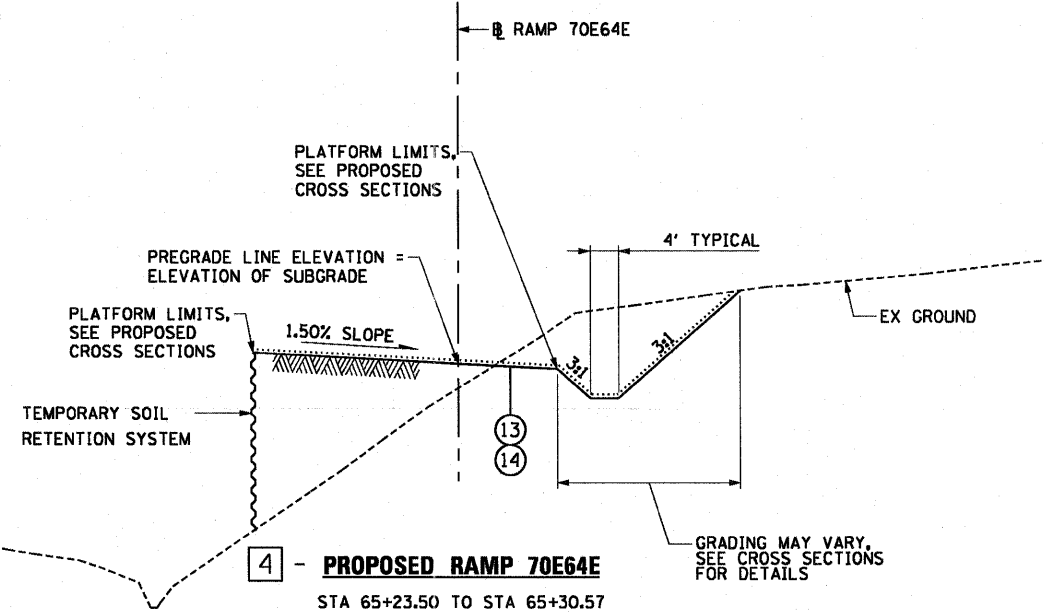
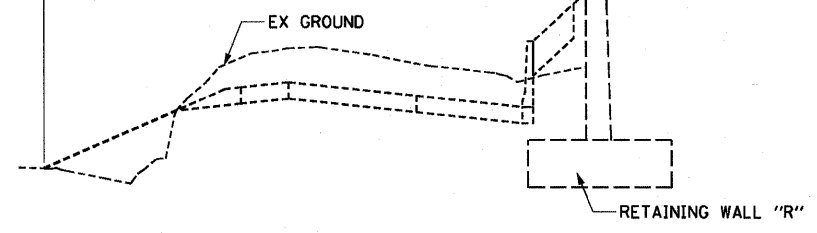
MAINLINE 70 (WB/EB)

STRUCTURAL DESIGN TRAFFIC:	YEAR	2030
PV= 26,156	SU= 1,635	MU= 4,904
ROAD/STREET CLASSIFICATION:	CLASS	I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P= 80%	S= 5%	M= 15%
TRAFFIC FACTOR:	ACTUAL TF= 27.02	AC TYPE= 20
	MINIMUM TF= 8.26	
PG GRADE:	BINDER= NA	SURFACE= NA
SUBGRADE SUPPORT RATING	SSR= POOR	



**3 - PROPOSED RAMP 70E55N & RAMP P**  
 RAMP 70E55N STA 75+08.50 TO STA 78+50.00  
 AND RAMP P STA 19+51.32 TO STA 21+50.00

\* SEE SE TRANSITION DATA TABLE FOR SUPERELEVATION TRANSITIONS  
 \*\* BRIDGE APPROACH PAVEMENT CONNECTOR (PCC) FROM STA 75+08.50 TO STA 76+08.50



**4 - PROPOSED RAMP 70E64E**  
 STA 65+23.50 TO STA 65+30.57

**EXISTING LEGEND:**

- (A) HMA OVERLAY
- (B) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT (CRPCCP)
- (C) STABILIZED SUB-BASE - 4"

**PROPOSED LEGEND:**

- (1) PORTLAND CEMENT CONCRETE PAVEMENT - 10 1/2" (JOINTED) (RAMPS)
- (2) PORTLAND CEMENT CONCRETE PAVEMENT - 11 1/4" (JOINTED) (I-70)
- (3) PORTLAND CEMENT CONCRETE SHOULDERS - 10 1/2" (RAMPS)
- (4) PORTLAND CEMENT CONCRETE SHOULDERS - 11 1/4" (I-70)
- (5) AGGREGATE SHOULDERS, TYPE B - 10 1/2" (RAMPS)
- (6) AGGREGATE SHOULDERS, TYPE B - 11 1/4" (I-70)
- (7) AGGREGATE BASE COURSE, TYPE A, 12"
- (8) #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)
- (9) #6 TIE BARS, 24" LONG AT 24" C-C (INCLUDED IN PRICE FOR BID FOR VARIOUS PCC ITEMS)
- (10) PIPE UNDERDRAINS - 6"
- (11) CONCRETE BARRIER DOUBLE FACE, 42 INCH HEIGHT
- (12) CONCRETE BARRIER BASE
- (13) SEEDING AND MULCHING (SEE SEEDING SCHEDULE)
- (14) TEMPORARY EROSION ITEMS (SEE EROSION CONTROL SHEET)
- (15) STEEL PLATE BEAM GUARD RAIL, TYPE A OR TRAFFIC BARRIER TERMINAL
- (16) CONCRETE BARRIER SINGLE FACE, 42 INCH HEIGHT
- (17) STABILIZED SUBBASE - HOT-MIX ASPHALT 4"
- (18) CONCRETE BARRIER SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
- (19) CONCRETE PARAPET (SEE PARAPET AND ANCHORAGE SLAB DETAILS)
- (20) REINFORCED CONCRETE MOMENT SLAB (SEE PARAPET AND ANCHORAGE SLAB DETAILS)

**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%.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AC TYPE	AIR VOIDS
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, N80	SBS 76-22	4% @ 80 Gyr

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN

USER NAME = searab	DESIGNED OP	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>		F.A.I. RTE. 64/998	SECTION 82-1-B-2	COUNTY ST. CLAIR	TOTAL SHEETS 399	SHEET NO. 12
PLDT SCALE = 20.000' / in.	DRAWN OP	REVISED -		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 76C76		
PLDT DATE = 6/30/2011	CHECKED DBM	REVISED -								
	DATE 07-01-11	REVISED -								