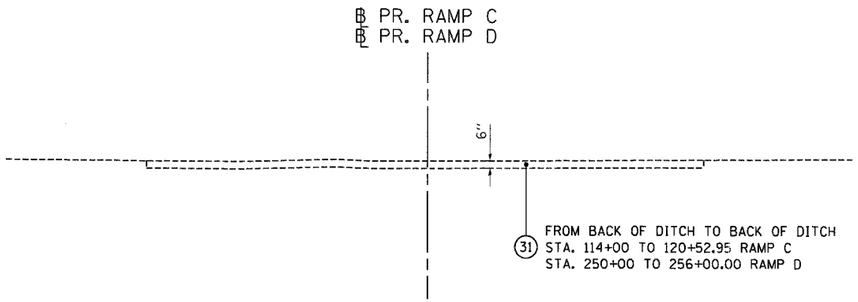
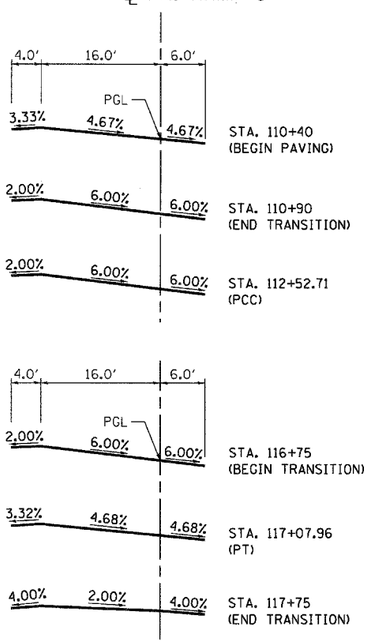
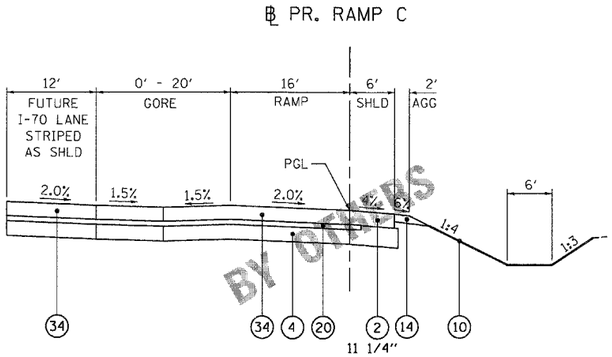


E EXISTING RAMP C & D TYPICAL SECTION

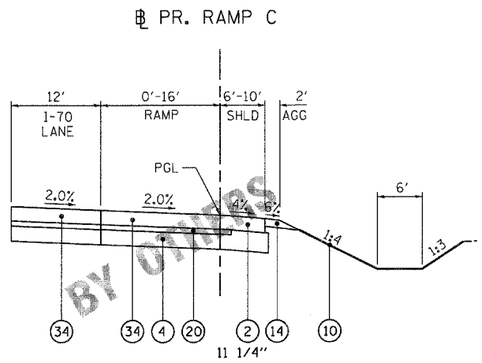
STA. 100+00.00 TO STA. 120+52.95 - RAMP C
STA. 250+00.00 TO STA. 265+35.67 - RAMP D





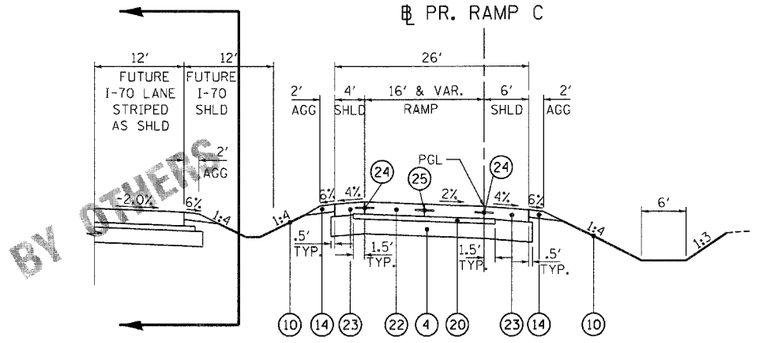
G PROPOSED RAMP C TYPICAL SECTION

STA. 105+32.24 TO STA. 108+85.35



F PROPOSED RAMP C TYPICAL SECTION

STA. 102+38.79 TO STA. 105+32.24

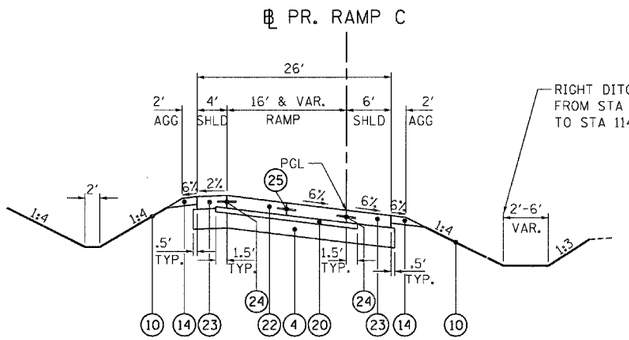


H PROPOSED RAMP C TYPICAL SECTION

STA. 108+85.35 TO STA. 110+90.00
S.E. TRANSITION 109+40 (+2%) TO 110+90 (+6%)
PAVING LIMTS BEGIN AT STA. 110+40.00

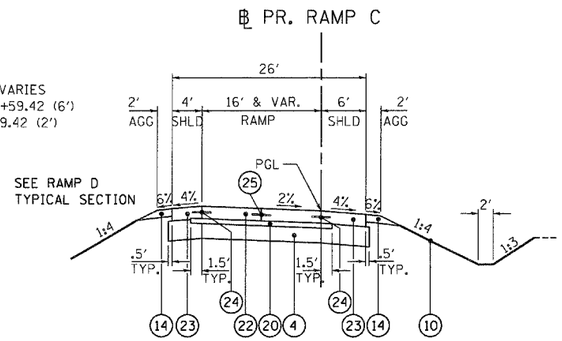
RAMP C

STRUCTURAL DESIGN TRAFFIC:			YEAR 2030
PV = 11,092	SU = NA		MU = 1,232
ROAD/STREET CLASSIFICATION:		CLASS 1	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:			
P = 100%	S = NA		M = 100%
TRAFFIC FACTOR	ACTUAL TF = 17.20	AC TYPE = 20	
	MINIMUM TF = 6.70		
PG GRADE: BINDER = NA		SURFACE = NA	
SUBGRADE SUPPORT RATING:			
SSR = POOR			



I PROPOSED RAMP C TYPICAL SECTION

STA. 110+90.00 TO STA. 117+75.00
S.E. TRANSITION 116+75 (+6%) TO 117+75 (+2%)



J PROPOSED RAMP C TYPICAL SECTION

STA. 117+75.00 TO STA. 120+52.95

EXISTING LEGEND

- (A) EXISTING BITUMINOUS PAVEMENT
- (B) EXISTING PCC PAVEMENT
- (C) AGGREGATE SHOULDER
- (D) CURB AND GUTTER
- (E) BITUMINOUS SHOULDER
- (F) TEMPORARY PAVEMENT
- (G) AGGREGATE SUBGRADE
- (H) EXISTING SIDEWALK
- [R] = REMOVAL

PROPOSED LEGEND

- (1) PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)
- (2) PORTLAND CEMENT CONCRETE SHOULDERS 11"
- (3) RETAINING WALL (BY OTHERS)
- (4) AGGREGATE SUBGRADE 12"
- (5) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- (6) CONCRETE BARRIER BASE
- (7) AGGREGATE SURFACE COURSE, TYPE B, 12" (NOT USED)
- (8) EMBANKMENT
- (9) HOT-MIX ASPHALT SHOULDERS, 8"
- (10) SEEDING & LANDSCAPING BY OTHERS
- (11) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 15.75"
- (12) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (13) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (14) AGGREGATE SHOULDERS, TYPE B 6"
- (15) 42" CONCRETE BARRIER (BY OTHERS)
- (16) STEEL PLATE BEAM GUARDRAIL, TYPE A
- (17) CHAIN LINK FENCE, 6'
- (18) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70
- (19) CONCRETE MEDIAN SURFACE, 6"
- (20) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (21) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24
- (22) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- (23) PORTLAND CEMENT CONCRETE SHOULDERS 10"
- (24) LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS AT 24" CTS.
- (25) LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 18" CTS.
- (26) LONGITUDINAL SAWED JOINT WITH NO. 6 TIE BARS AT 30" CTS.

ALL TIE BARS SHALL BE EPOXY COATED

- (27) AGGREGATE BASE COURSE, TYPE B 6"
- (28) PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)
- (29) ANCHORAGE SLAB (BY OTHERS)
- (30) POROUS GRANULAR BACKFILL
- (31) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL OR NON-SPECIAL WASTE DISPOSAL
- (32) LIMITS OF ARCHAEOLOGICAL EXPLORATION EARTH EXCAVATION (SPECIAL) AS REQUIRED UNDER PROPOSED ROADWAY SECTION
- (33) PORTLAND CEMENT CONCRETE SHOULDERS 12"
- (34) CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (BY OTHERS)
- (35) PIPE UNDERDRAINS 4"
- (36) PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- (37) CONCRETE MEDIAN, TYPE SB-6.12
- (38) CONCRETE MEDIAN, TYPE SB-6.24
- * = BY OTHERS
- [ ] = INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM

NOTE: THE COST OF THE ADDITIONAL THICKNESS OF AGGREGATE SUBGRADE 12" REQUIRED BENEATH THE SHOULDERS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ YD FOR AGGREGATE SUBGRADE 12".

..\OBCONN-99-MOTIFLOGN..\OBCONN-11-BORDER1.DGN..\OBCONN-11-SHT-TYPICAL4.DGN..\OBCONN-11-LEGEND.DGN..\OBCONN-11-MOTIFLOGN..\OBCONN-11-MOTIFLOGN..\OBCONN-11-SHT-TYPICAL3.DGN
08-12-2011, 14:55:58 BONDHUS \\TS-9814\VHVOL1\P-PROJS.87\2282\298868-RR\CIVIL\PLOTS\99 ALL CONTRACTS\CONN SHEETS CONTRACT 11\OBCONN-11-SHT-TYPICAL3.DGN

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED RAMP C TYPICAL SECTIONS
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS		DRAWN - JB	REVISED -	PROPOSED RELOCATED IL ROUTE 3 INTERCHANGE	
	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -		
	PLOT DATE = $DATE$	DATE - 10/21/11	REVISED -	SCALE: N.T.S. SHEET NO. 3 OF 9 SHEETS STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-2-1K	ST. CLAIR	353	15
		CONTRACT NO. 76E06		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		