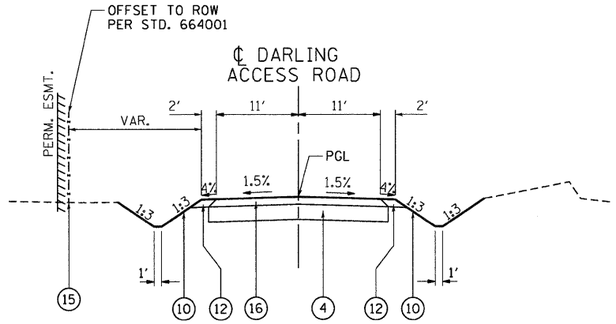
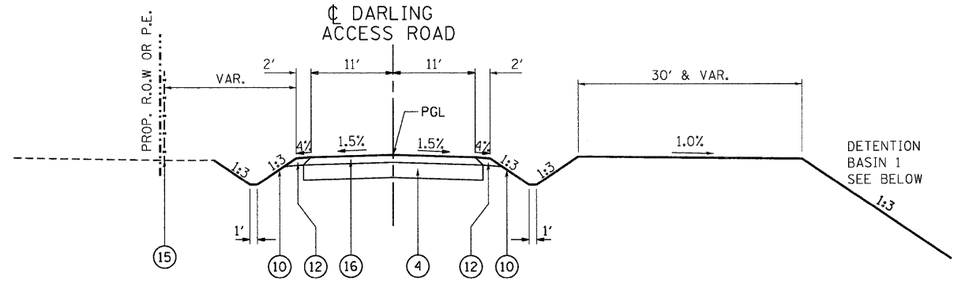


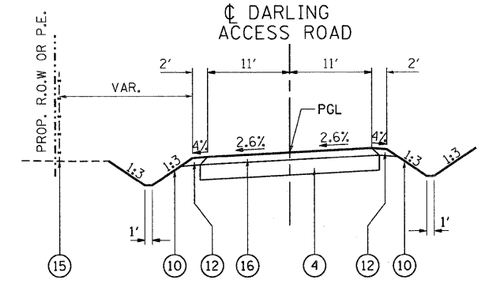
PROPOSED DARLING ACCESS
ROAD TYPICAL SECTION

STA. 1005+19.10 TO STA. 1011+56.94
GUARDRAIL ENDS AT STA. 1006+12.10
SEE SHEET 9 FOR DETAILS



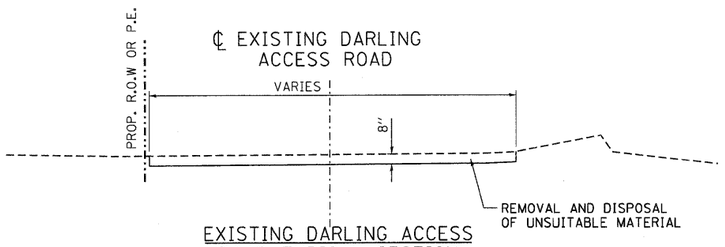
PROPOSED DARLING ACCESS
ROAD TYPICAL SECTION

STA. 1011+56.94 TO STA. 1020+11.80



PROPOSED DARLING ACCESS
ROAD TYPICAL SECTION-SUPERELEVATION

STA. 1017+25.14 TO STA. 1020+04.34
S.E. TRANS. (N.C. STA. 1017+18 TO 2.6% STA. 1017+69)
S.E. TRANS. (2.6% STA. 1019+73 TO N.C. STA. 1020+11.80)
MATCH EXISTING AT IMPROVEMENT LIMITS. STA. 1020+11.80

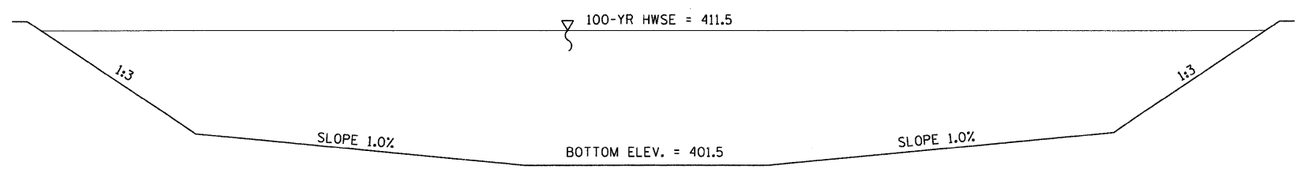


EXISTING DARLING ACCESS
ROAD TYPICAL SECTION

STA. 1000+00.00 TO STA. 1020+11.80

PROPOSED LEGEND * = BY OTHERS

- * (1) PORTLAND CEMENT CONCRETE PAVEMENT 11 1/4" (JOINTED)
- * (2) PORTLAND CEMENT CONCRETE SHOULDERS 11 1/4"
- (3) M.S.E RETAINING WALL
- (4) AGGREGATE SUBGRADE 12"
- * (5) CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT
- * (6) CONCRETE BARRIER BASE
- (7) AGGREGATE SURFACE COURSE, TYPE A, 12"
- (8) EMBANKMENT
- (9) HOT-MIX ASPHALT SHOULDERS, 6 1/2"
- (10) SEEDING, CLASS 4A/MULCH, METHOD 2
- (11) SEEDING, CLASS 7/FERTILIZER NUTRIENTS/MULCH, METHOD 2
- (12) AGGREGATE SHOULDERS, TYPE A 6"
- * (13) BARRIER WALL, MODOT, TYPE D AND MOMENT SLAB
- (14) STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS
- (15) CHAIN LINK FENCE, 6'
- (16) HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 6 1/2"
- * (17) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- (18) SAND DRAINAGE BLANKET
- (19) STEEL PLATE BEAM GUARD RAIL, TYPE B (SPECIAL)
- * (20) CURB - STD. 610001



DETENTION BASIN 1

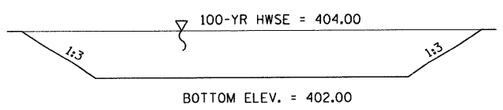
BITUMINOUS MIX CHART

APPLICATION (SEE TYPICAL SECTION)	AIR VOIDS
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6 1/2" (HMA SURFACE COURSE, MIX 'C', IL19.5MM, N50 - 2 INCHES)	4% @ 50 GYR.
HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 6 1/2" (HMA BINDER COURSE, IL-19.0, N50 - 4.5 INCHES)	4% @ 50 GYR.
HOT-MIX ASPHALT SHOULDERS, 6 1/2" (SAME MIX AS HMA FULL DEPTH 6 1/2")	4% @ 50 GYR.

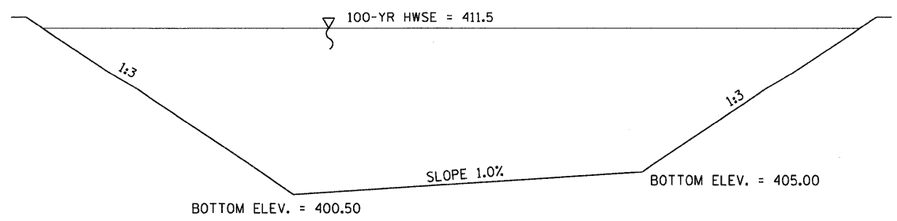
NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

2. THE 'AC TYPE' FOR POLYMERIZED HMA MIXES SHALL BE 'SBS/SBR PG 70-22' AND FOR NON-POLYMERIZED HMA THE 'AC TYPE' SHALL BE 'PG 64-22' UNLESS MODIFIED BY THE ENGINEER. FOR 'PERCENT OF RAP' SEE SPECIAL PROVISIONS.



RETENTION BASIN 1



DETENTION BASIN 2

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED - JB	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION	PROPOSED DARLING ACCESS ROAD & DETENTION BASIN TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JB	REVISED -			998	82-2-1HVB	ST. CLAIR	285	12
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS	PLOT SCALE = $SCALE$	CHECKED - ACL	REVISED -					CONTRACT NO. 76C44		
	PLOT DATE = $DATE$	DATE - 06/04/10	REVISED -		SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

..\DBCONN-99-MOTIFLIDN..\DBCONN-05-BORDERLIDN..\DBCONN-05-LEGEND.DGN
6-03-2010, 14:54:46 BONDHUJO \\FS-0044\DM\VHELLD-TRANS.07\22802\20869-00B\CIVIL\CADD\99 ALL CONTRACTS\CONN\SHEETS CONTRACT 05\DBCONN-05-SH1-TYPICAL 4.DGN