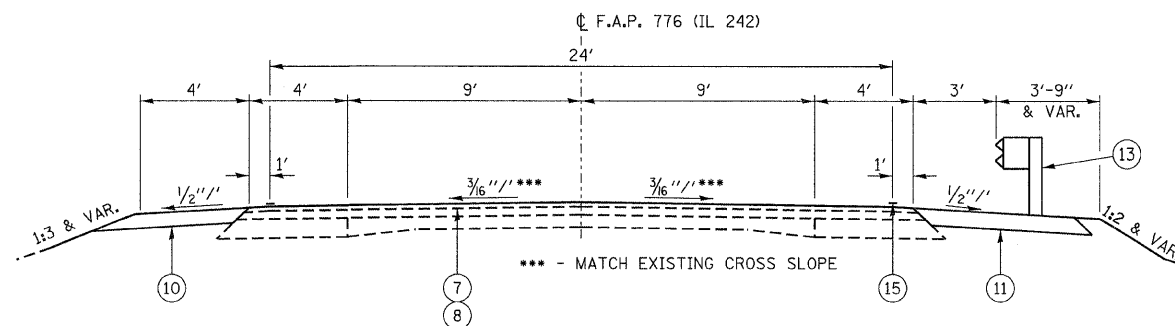


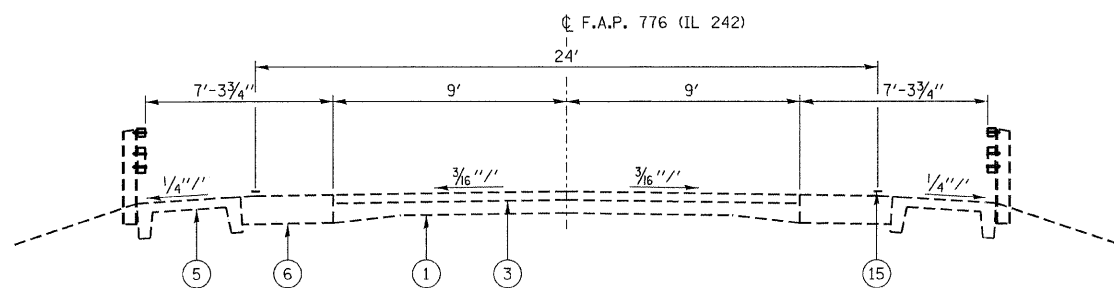
EXISTING TYPICAL CROSS SECTION

STA. 709+17.38 TO STA. 712+36.08
STA. 713+23.92 TO STA. 716+42.63



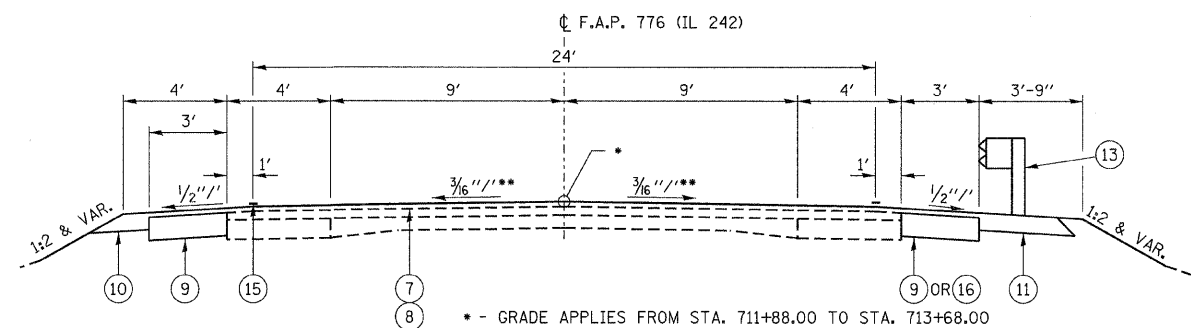
PROPOSED TYPICAL CROSS SECTION

STA. 709+17.38 TO STA. 710+94.00



EXISTING TYPICAL CROSS SECTION

STA. 712+36.08 TO STA. 712+55.00
STA. 713+04.00 TO STA. 713+23.92



PROPOSED TYPICAL CROSS SECTION

STA. 710+94.00 TO STA. 712+05.00

MIXTURE REQUIREMENTS	
LOCATION(S):	IL RTE 242 WIDENING
MIXTURE USE(S):	HOT-MIX ASPHALT BASE COURSE
AC/PG:	PG 64-22
RAP % (MAX):	10%
DESIGN AIR VOIDS:	4% @ Ndes 90
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 19.0
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHTS:	112 LBS \ SY \ INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	IL RTE 242 SURFACE
MIXTURE USE(S):	HOT-MIX ASPHALT SURFACE COURSE
AC/PG:	PG 64-22
RAP % (MAX):	10%
DESIGN AIR VOIDS:	4% @ Ndes 90
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	MIXTURE C
MIXTURE WEIGHTS:	112 LBS \ SY \ INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	IL RTE 242 LEVELING BINDER
MIXTURE USE(S):	LEVEL BINDER (MACHINE METHOD), N90
AC/PG:	PG 64-22
RAP % (MAX):	10%
DESIGN AIR VOIDS:	4% @ Ndes 90
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	MIXTURE C
MIXTURE WEIGHTS:	112 LBS \ SY \ INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	IL RTE 242 HMA SHOULDERS
MIXTURE USE(S):	HOT-MIX ASPHALT SHOULDERS, 8"
AC/PG:	PG 58-22
RAP % (MAX):	50%
DESIGN AIR VOIDS:	2% @ Ndes 30
MIXTURE COMPOSITION: (GRADATION MIXTURE):	HMA SHOULDERS
FRICTION AGGREGATE:	NONE
MIXTURE WEIGHTS:	112 LBS \ SY \ INCH THICKNESS

LEGEND

- ① EXIST CONCRETE PAVEMENT
- ② EXISTING BASE COURSE WIDENING
- ③ EXISTING HMA OVERLAY
- ④ EXISTING AGGREGATE SHOULDERS
- ⑤ EXISTING PRECAST CONCRETE UNITS
- ⑥ EXISTING PCC PAVEMENT 10"
- ⑦ LEVELING BINDER (MACHINE METHOD), N90 (3/4" MIN)
- ⑧ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N90 (1 1/2" MIN)
- ⑨ HMA BASE COURSE WIDENING 10 3/4"
- ⑩ AGGREGATE SHOULDERS TYPE A 8"
- ⑪ HMA SHOULDERS TYPE A 8"
- ⑫ BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- ⑬ STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POST
- ⑭ TRAFFIC BARRIER TERMINAL, TYPE 6
- ⑮ PAVEMENT MARKING
- ⑯ PCC SHOULDERS 8"