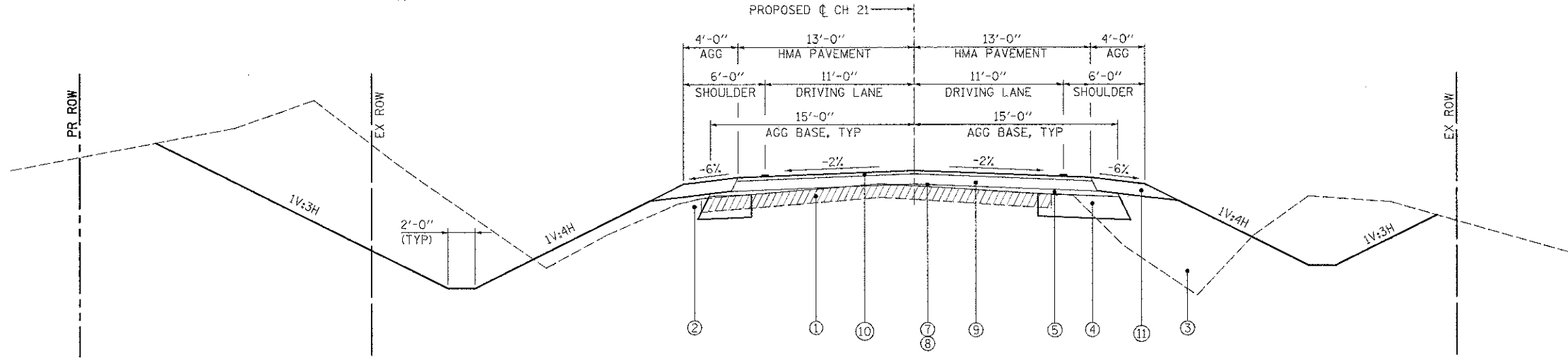


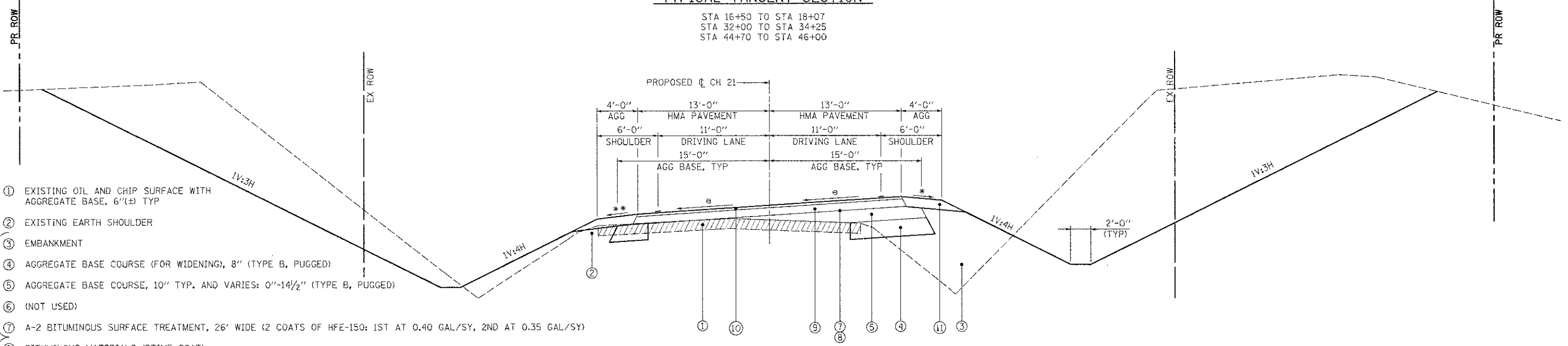
EXISTING TYPICAL SECTION



PROPOSED OVERLAY WITH WIDENING  
TYPICAL TANGENT SECTION

STA 16+50 TO STA 18+07  
STA 32+00 TO STA 34+25  
STA 44+70 TO STA 46+00

- NOTES:**
- TYPICAL SECTIONS CONTROL BASE & SUBBASE CONSTRUCTION OVER CROSS SECTIONS.
  - SEE GENERAL NOTE 2 FOR CONSTRUCTION SEQUENCING.
  - SEE GENERAL NOTES AND SPECIFICATIONS FOR AGGREGATE TYPE B REQUIREMENTS.
  - A PRESET GRADE CONTROL STRINGLINE SHALL BE USED FOR THE FULL PROJECT. SEE GENERAL NOTES.
  - WIDENING DUE TO PROPOSED REALIGNMENT MAY BE ON ONE OR BOTH SIDES. SEE PLAN AND PROFILE SHEETS AND CROSS SECTIONS.
  - GUARDRAIL MAY BE LOCATED ON ONE SIDE, BOTH SIDES OR NEITHER SIDE. SEE PLAN AND PROFILE SHEETS FOR EXACT LOCATIONS OF PROPOSED GUARDRAIL.
  - \* WHEN THE SUPERELEVATION RATE OF THE PAVEMENT IS BETWEEN 0% AND 2%, THE AGGREGATE SHOULDER SLOPE SHALL BE 6%. WHEN THE SUPERELEVATION RATE OF THE PAVEMENT EXCEEDS 2%, THE AGGREGATE SHOULDER SHALL BE SLOPED SO THAT THE ALGEBRAIC DIFFERENCE BETWEEN THE PAVEMENT SLOPE AND THE AGGREGATE SHOULDER SLOPE IS NOT GREATER THAN 8%.
  - \*\* THE AGGREGATE SHOULDER'S SLOPE SHALL BE THE SAME AS THE SUPERELEVATION RATE OF THE PAVEMENT AFTER THE PAVEMENT EXCEEDS THE STANDARD AGGREGATE SHOULDER SLOPE.



PROPOSED OVERLAY WITH WIDENING  
TYPICAL SUPERELEVATED SECTION

STA 18+07 TO STA 23+00  
STA 34+25 TO STA 34+50  
STA 40+50 TO STA 44+70

- ① EXISTING OIL AND CHIP SURFACE WITH AGGREGATE BASE, 6" (±) TYP
- ② EXISTING EARTH SHOULDER
- ③ EMBANKMENT
- ④ AGGREGATE BASE COURSE (FOR WIDENING), 8" (TYPE B, PUGGED)
- ⑤ AGGREGATE BASE COURSE, 10" TYP. AND VARIES: 0"-14 1/2" (TYPE B, PUGGED)
- ⑥ (NOT USED)
- ⑦ A-2 BITUMINOUS SURFACE TREATMENT, 26' WIDE (2 COATS OF HFE-150; 1ST AT 0.40 GAL/SY, 2ND AT 0.35 GAL/SY)
- ⑧ BITUMINOUS MATERIALS (PRIME COAT)
- ⑨ HOT-MIX ASPHALT BINDER COURSE, 4 1/2"
- ⑩ HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- ⑪ AGGREGATE SHOULDERS, 6"
- ⑫ HOT-MIX ASPHALT SHOULDER AT GUARDRAIL WIDENING (1 1/2" HMA SURFACE CSE. OVER 4 1/2" HMA BINDER CSE.)
- ⑬ GUARDRAIL

FILE NAME = H:\5790\NC-05-06_TypSec_5790.dgn	USER NAME = USERDEFCH	DESIGNED - K.M.M.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL ROADWAY SECTIONS	FAS RTE	SECTION	COUNTY	TOTAL SHEET NO.
	PLOT SCALE = 5.0000' / 1"	CHECKED - L.D.G.	REVISED -			779	07-00085-00-BR	BOND	41
PLOT DATE = 9/7/2012	DATE	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	SN 003-3053 CONTRACT NO. 97508	
HMG ENGINEERS, INC. LAKE RD., P.O. BOX 70 CARLYLE, IL 62231 (618) 594-3711 WWW.HMGENGINEERS.COM								ILLINOIS FEDERAL AID PROJECT	