

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7000	02-00212-00-BR	VERMILION	59	7
FROM STA. 96+00.00		TO STA. 103+10.10		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 91285

LEGEND

- ① EXISTING PAVEMENT
- ② EXISTING COMBINATION CONCRETE CURB & GUTTER
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER
- ④ BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50, 1.5"
- ⑤ BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N50, 3.0"
- ⑥ AGGREGATE BASE COURSE, TYPE A, 8"
- ⑦ BITUMINOUS SHOULDERS, SUPERPAVE, 6"
- ⑧ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑨ TOPSOIL, FURNISH & PLACE, 4"
- ⑩ AGGREGATE SHOULDERS (SPECIAL), 6"
- ⑪ WEED BARRIER FABRIC
- ▨ REMOVAL

NOTES

1. BRIDGE OMISSION FROM STATION 98+84.56 TO 101+51.44 SEE BRIDGE DRAWINGS FOR BRIDGE TYPICAL SECTIONS.
2. BITUMINOUS SHOULDER STABILIZATION AT TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL), ARE NOT SHOWN ON THESE TYPICAL SECTIONS FOR CLARITY. PLEASE REFER TO ROADWAY PLANS FOR LOCATIONS.
3. WEED BARRIER FABRIC AND AGGREGATE SHOULDERS (SPECIAL) SHALL BE LOCATED BENEATH THE GUARDRAIL, AT A 3-FOOT WIDTH WHERE BITUMINOUS SHOULDER STABILIZATION IS NOT PRESENT. PLEASE SEE THE ROADWAY PLANS FOR SPECIFIC LOCATIONS.
4. BETWEEN STATIONS 96+00 AND 97+87, THE WIDTH OF THE SHELVES BEHIND THE CURB AND GUTTER VARIES IN EXCESS OF 3 FEET. THIS IS TO ACCOMMODATE ANY FUTURE WIDENING OF HUNGRY HOLLOW ROAD TO THE SOUTH AND EAST.

PAVEMENT DESIGN

CLASS II ROADWAY
 STRUCTURAL DESIGN TRAFFIC: YEAR 2016
 PV: 3,374, SU: 109, MU: 18
 E(r): 2.0
 DESIGN TEMPERATURE: 76.5°F
 E(AC): 640
 SI(AC): 250

PAVEMENT:
 1.5" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50
 3.0" BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE, IL-19, N50
 8.0" AGGREGATE BASE, TYPE A

BITUMINOUS MIX REQUIREMENTS

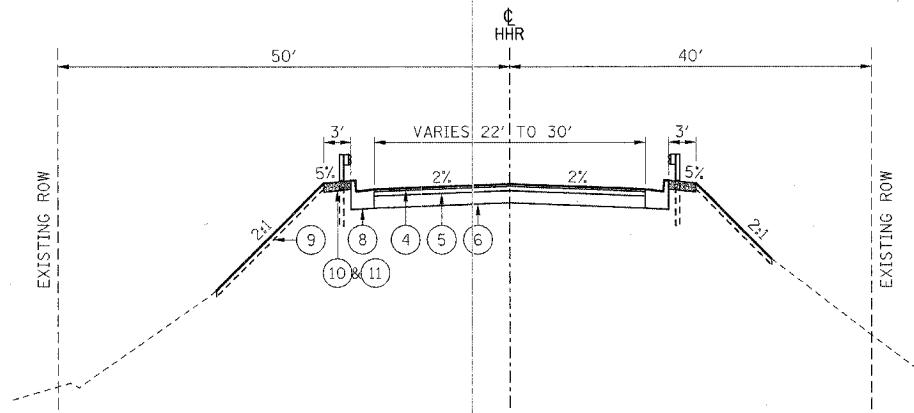
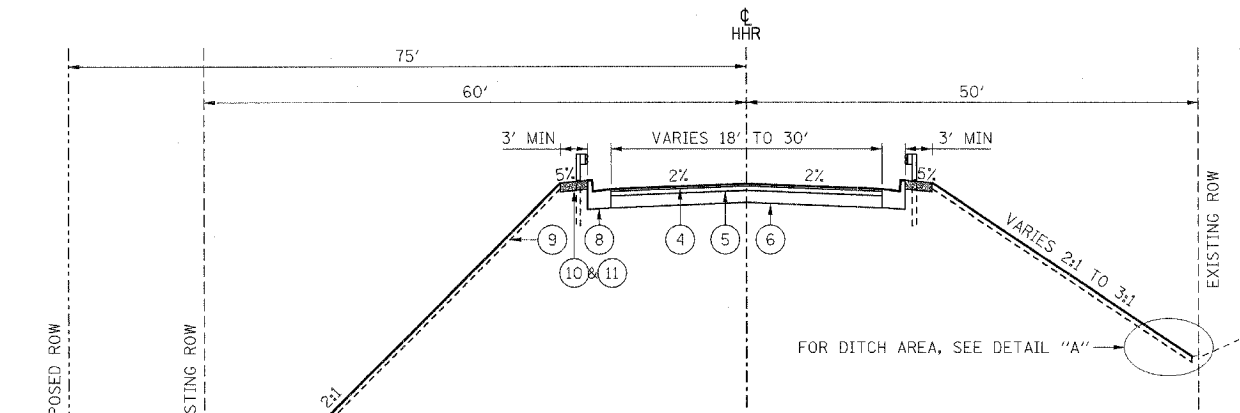
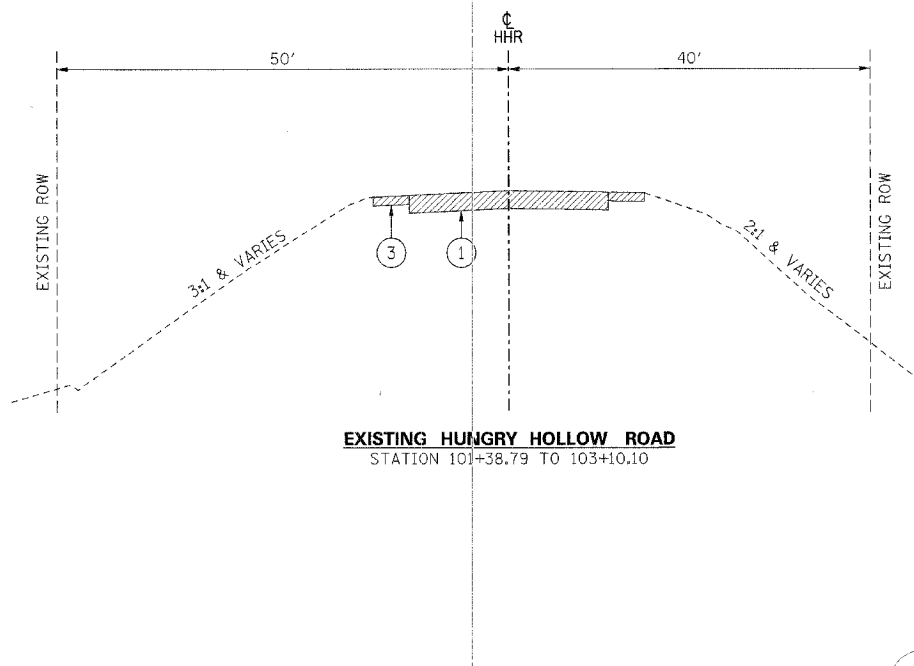
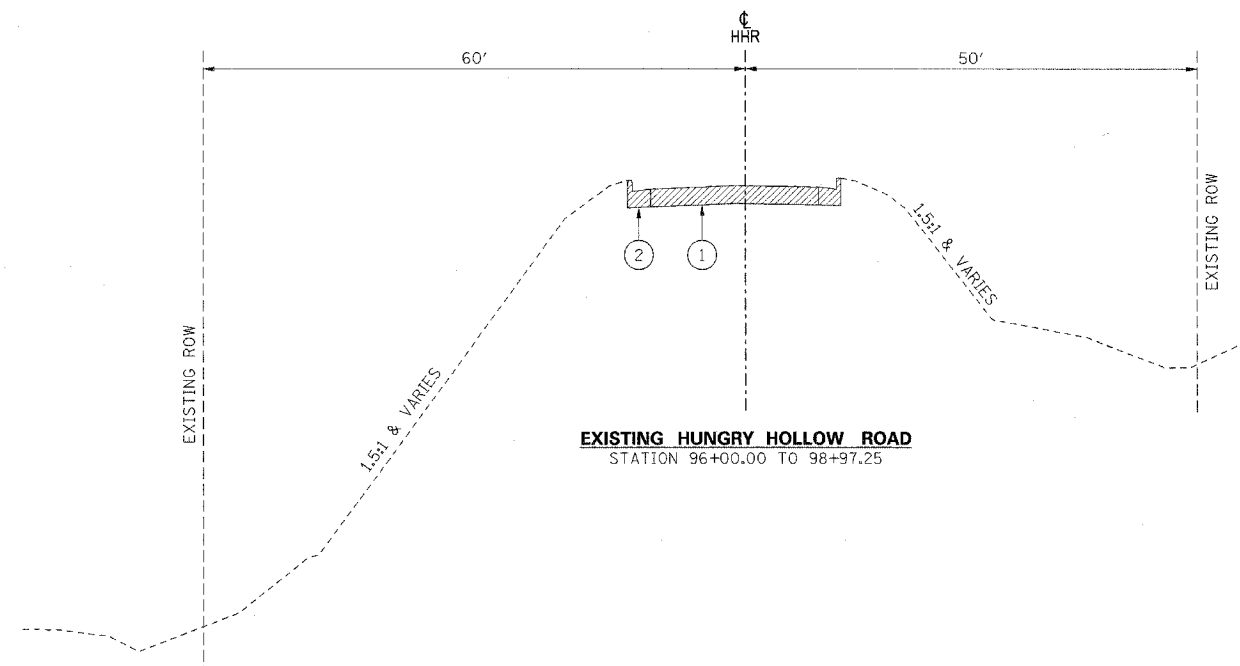
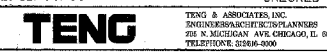
MIXTURE USE	BINDER	SURFACE	BIT SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 58-22
RAP% (MAX)	25%	15%	30%
DESIGN AIR VOIDS	4.0% @ N(des)=50	4.0% @ N(des)=50	2.0% @ N(des)=50
MIX COMP (GRADATION)	IL 19.0	IL 9.5	BAM
FRICTION AGGREGATE	N/A	MIX C	N/A

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
 HUNGRY HOLLOW ROAD BRIDGE

TYPICAL SECTIONS

SCALE: NTS
 DATE: 12/06/05
 DRAWN BY: MRK
 CHECKED BY: JRH



PROPOSED HUNGRY HOLLOW ROAD
 STATION 96+00.00 TO 98+84.56

PROPOSED HUNGRY HOLLOW ROAD
 STATION 101+51.44 TO 103+10.10
 FOR SHOULDER AREAS (NO CURB & GUTTER) SEE DETAIL "B"

DETAIL "A"
 STATION 96+00.00 RT TO 96+60.00 RT

DETAIL "B"
 STATION 102+48.38 LT TO 103+10.10 LT &
 STATION 102+50.01 RT TO 103+10.10 RT

ROSSPF

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