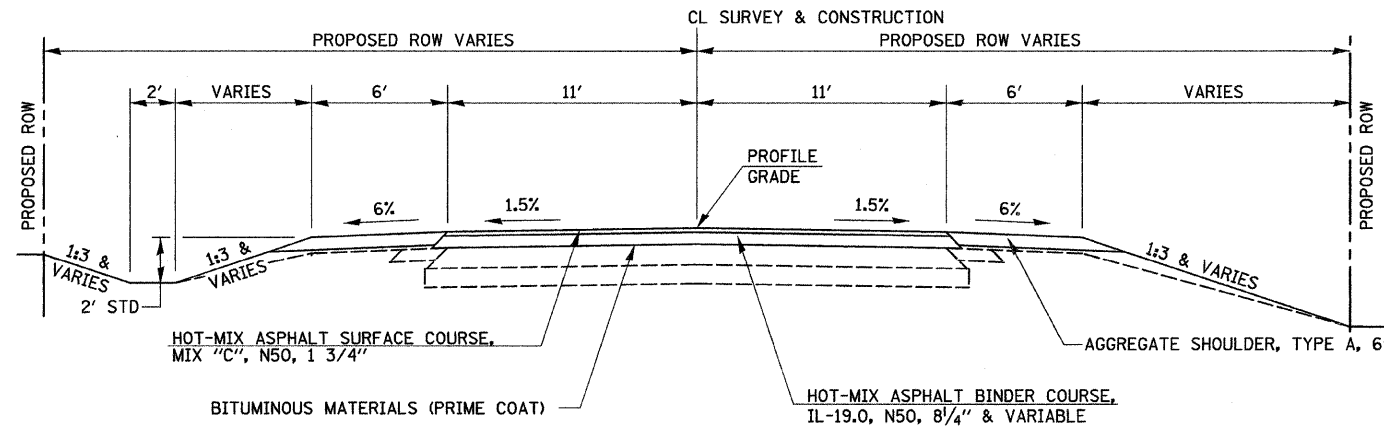
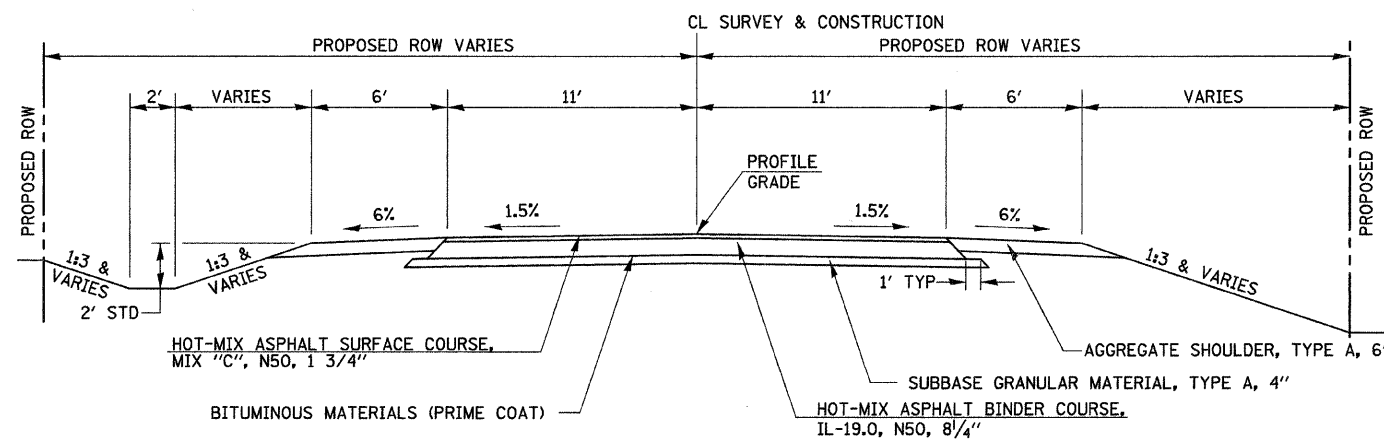


EXISTING TYPICAL SECTION
STA 151+00.00 TO STA 164+00.00



PROPOSED TYPICAL SECTION
STA 151+00.00 TO STA 153+05.00
STA 162+95.00 TO STA 164+00.00
EXCEPT TRANSITIONS



CONSTRUCT GUARDRAIL
SHOULDER WIDENING IN
ACCORDANCE WITH STD 630301

PROPOSED TYPICAL SECTION
STATION 153+05.00 TO STATION 155+55.21
BRIDGE OMISSION STATION 155+55.21 TO STATION 157+18.96
STATION 157+18.96 TO STATION 162+95.00

GENERAL NOTES

PLAN QUANTITIES FOR TREE REMOVAL HAVE BEEN BASED ON ALL TREES WITHIN THE PROPOSED RIGHT OF WAY. THIS QUANTITY MAY BE REVISED DURING CONSTRUCTION, AT THE DIRECTION OF THE ENGINEER, BY DELETING FROM THE TREE REMOVAL QUANTITIES, SUCH TREES THAT DO NOT INTERFERE WITH THE PROPOSED CONSTRUCTION.

THE REMOVAL OF EXISTING BITUMINOUS SURFACE AND GRAVEL OR CRUSHED STONE BASE COURSE WHICH MAY BE NECESSARY FOR THE CONSTRUCTION OF THE NEW BRIDGE SHALL BE REMOVED AS EARTH EXCAVATION AND NO COMPENSATION WILL BE ALLOWED FOR ADDITIONAL LABOR OR EQUIPMENT REQUIRED.

ALL WASTE OR UNDESIRABLE MATERIAL AS IDENTIFIED BY THE ENGINEER SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY AT THE CONTRACTOR'S EXPENSE.

ALL EXISTING PRIVATELY OWNED UTILITIES REQUIRING ADJUSTMENT WILL BE MADE BY THE UTILITY COMPANY INVOLVED. WHERE NO PROVISIONS HAVE BEEN MADE FOR ADJUSTMENTS ON THE PLANS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO DELAYS OR INCONVENIENCES CAUSED BY THE SAID UTILITY ADJUSTMENTS.

ALL EXISTING DRAINAGE STRUCTURES NOT BEING REMOVED BY THE CONTRACTOR THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

THE PROFILE GRADE ELEVATIONS SHOWN ON THE PLAN AND PROFILE SHEETS AND IN THE STATION CROSS SECTIONS ARE TO THE TOP OF THE FINISHED SURFACE.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE PLANS REPRESENTS THE BEST KNOWLEDGE OF THE COUNTY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF UNDERGROUND INSTALLATIONS BEFORE STARTING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL INDEMNIFY THE COUNTY, ITS OFFICERS AND EMPLOYEES AGAINST ALL CLAIMS DUE TO DAMAGE TO CORPORATE OR PRIVATE PROPERTY RESULTING FROM HIS CONSTRUCTION OPERATIONS AS DESCRIBED IN ARTICLES 107.20 AND 107.26 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE PROPERTY MARKERS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT, HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

ALL ELEVATIONS SHOWN REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.

STRUCTURAL DESIGN INFORMATION
COUNTY HIGHWAY 28

ROAD CLASSIFICATION: CLASS III 80,000 LB./20 YEAR DESIGN
STRUCTURAL DESIGN TRAFFIC:
PV = 760 SU = 95 MU = 95
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50% S = 50% M = 50%
FLEXIBLE PAVEMENT DESIGN: MINIMUM TF = 0.47
D+ (REQ) = 3.70, MINIMUM SOIL SUPPORT: IBR = 3
PAVEMENT STRUCTURE MATERIALS:
HOT-MIX ASPHALT SURFACE, 1 3/4", a₁ = 0.40
HOT-MIX ASPHALT BINDER, 8 1/4", a₂ = 0.33
SUB-BASE GRANULAR MATERIAL, TYPE A, 4", a₃ = 0.10
D+ (PROVIDED) = 3.82

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE	BINDER	SURFACE (MIX "C")
AC/PG	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4% @ N50	4% @ N50
MIX COMPOSITION	IL-19.0	IL-12.5 OR IL-9.5

If RAP option is selected, the asphalt cement grade may need to be adjusted. This will be determined by the Engineer.

FILE NAME = V:\Bridge\2484-Morgan\2484T001.dgn	USER NAME = cthomas	DESIGNED - JRB	REVISED -	MORGAN COUNTY COUNTY HIGHWAY 28 OVER HENRY CREEK	GENERAL NOTES, TYPICAL SECTIONS, PAVEMENT DESIGN INFORMATION	F.A.S. RTE. 609	SECTION 07-00099-00-BR	COUNTY MORGAN	TOTAL SHEETS 48	SHEET NO. 2	
PLOT SCALE = 5.0000' / IN.	CHECKED - JRB	REVISIONS -	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA. 151+00.00 TO STA. 164+00.00	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-0609109	
PLOT DATE = 1/6/2011	DATE - 12/22/08	REVISIONS -	CONTRACT NO. 93545								