

**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 OIL & CHIP 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.

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.

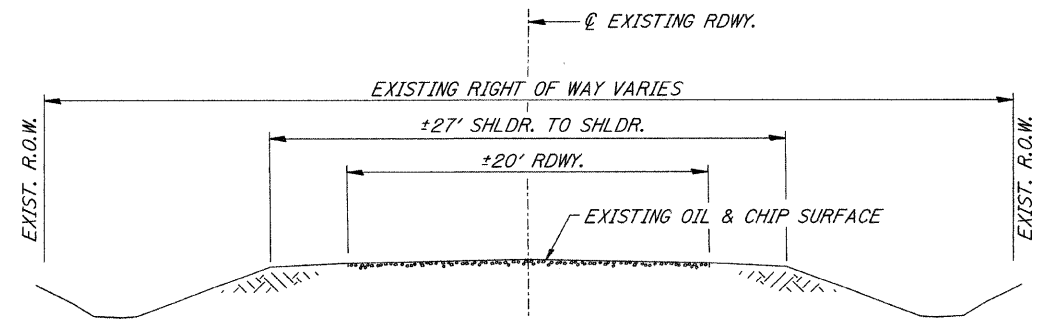
ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION

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.

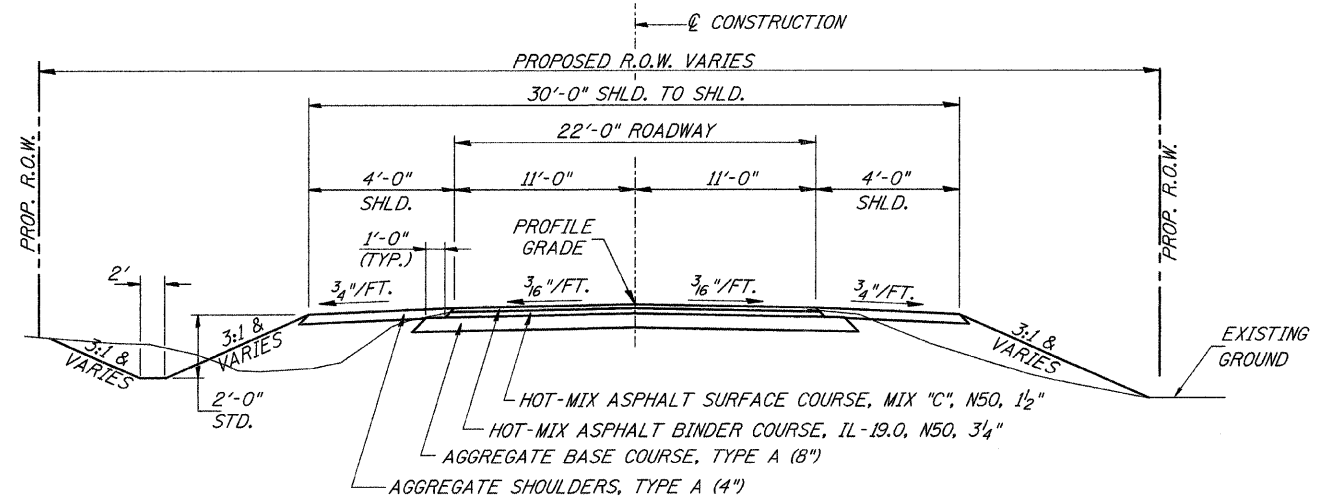
THE CONTRACTOR MAY BE REQUIRED TO CONDUCT SOME OF HIS GRADING AND TRENCHING OPERATIONS AROUND TRANSMISSION POLES AND UNDER TRANSMISSION LINES. THE ADDED COST OF SO DOING SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

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.



**EXISTING TYPICAL SECTION**



**PROPOSED TYPICAL SECTION**

CONSTRUCT GUARDRAIL SHOULDER WIDENING IN ACCORDANCE WITH STD 630301

STA. 22+50.00 TO STA. 26+74.92  
STA. 28+35.92 TO STA. 42+73.99  
STA. 44+90.49 TO STA. 48+00.00  
EXCEPT TRANSITIONS

BRIDGE APPROACH PAVEMENT  
STA 26+79.92 TO STA 27+09.92  
STA 28+00.92 TO STA 28+30.92  
STA 42+78.99 TO STA 43+08.99  
STA 44+55.49 TO STA 44+85.49

BRIDGE APPROACH PAVEMENT CONNECTOR  
STA. 26+74.92 TO STA. 26+79.92  
STA. 28+30.92 TO STA. 28+35.92  
STA. 42+73.99 TO STA. 42+78.99  
STA. 44+85.49 TO STA. 44+90.49

BRIDGE OMISSION  
STA. 27+09.92 TO STA. 28+00.92  
STA. 43+08.99 TO STA. 44+55.49

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE USE	BINDER	SURFACE (MIX "C")	SHOULDERS
AC/PG	PG 64-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS	4% @ N50	4% @ N50	2% @ N50
MIX COMPOSITION	IL-19.0	IL-12.5 OR IL-9.5	IL-19.0

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

**STRUCTURAL DESIGN INFORMATION  
COUNTY HIGHWAY 12**

ROAD CLASSIFICATION: CLASS III 80,000 lb./20 YEAR DESIGN  
STRUCTURAL DESIGN TRAFFIC:  
PV = 506 SU = 40 MU = 29  
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:  
P = 88% S = 7% M = 5%  
MINIMUM SUBGRADE SUPPORT RATING: GRANULAR  
FLEXIBLE PAVEMENT DESIGN: MINIMUM TF = 0.156  
ASPHALT PAVEMENT THICKNESS: 4.75"  
AGGREGATE BASE COURSE, TYPE A: 8"

FILE NAME = V:\Bridge\2576-1 Macoupin\2576t001.dgn	USER NAME = cthomas	DESIGNED -	REVISED -	<b>MACOUPIN COUNTY COUNTY HIGHWAY 12 OVER HICKS CREEK AND JOES CREEK</b>	<b>GENERAL NOTES, TYPICAL SECTIONS &amp; PAVEMENT DESIGN INFORMATION</b>			F.A.S. RTE. 732	SECTION 07-00090-00-BR	COUNTY MACOUPIN	TOTAL SHEETS 77	SHEET NO. 2
PLOT SCALE = 1.0000' / IN.	CHECKED -	REVISED -	SCALE: NONE		SHEET NO. 1 OF 1 SHEETS	STA. 22+50.00 TO STA. 48+00.00	FED. ROAD DIST. NO. 7 ILLINOIS	FED. AID PROJECT BRS-0732(148)				
PLOT DATE = 3/1/2010	DATE -	REVISED -				CONTRACT NO. 93538						
								CONTRACT NO. 93538				