

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
502		ADAMS	315	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

(53RS-7, PIRS-2) N,TS  
CONTRACT NO. 72897

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\* 52 A. GROUT REPAIR DETAIL

HIGHWAY STANDARDS

- 000001-04 Standard Symbols, Abbreviations, and Patterns
- 280001-02 Temporary Erosion Control Systems
- 420001-05 Pavement Joints
- 420101-02 (24") Jointed PCC Pavement
- 483001-01 PCC Shoulder
- 542301 Precast Reinforced Concrete Flared End Section
- 602301 Inlet - Type A
- 602306 Inlet - Type B
- 602401 Manhole Type A
- 604001-02 Frame and Lids, Type 1
- 604036-01 Grate Type 8
- 604041-01 Frame and Grate, Type 9
- 604066-01 Frame and Lid, Type 15
- 606301-02 PC Concrete Islands and Medians
- 606306-01 Corrugated PC Concrete Medians
- 701001-01 Off-Road Operations 2L, 2W, 4.5m (15') min. For Speeds > 45 mph
- 701006-02 Off-Road Operations, 2L, 2W, 4.5m (15') to Pavement Edge for Speeds > 45 mph
- 701201-02 Lane Closure, 2L, 2W, day only ON-RD to 600mm (24") Off-Road for Speeds > 45 mph
- 701301-02 Lane Closure 2L, 2W Short Time Operations
- 701306-01 Lane Closure 2L, 2W Slow Moving Operations Day Only for Speeds > 45 mph
- 701311-02 Lane Closure 2L, 2W Moving Operations - Day Only
- 701326-02 Lane Closure, 2L, 2W Pavement Widening for Speeds > 45 mph
- 701331-02 Lane Closure 2L, 2W, with Run-Around for Speeds > 45 mph
- 702001-05 Traffic Control Devices
- 720016 -01 Mast Arm Mounted Street Name Signs
- 780001-01 Typical Pavement Markings
- 781001-02 Typical Applications Raised Reflective Pavement Markers
- 805001 Electrical Service Installation Details
- 814001 Concrete Handholes
- 814006 Double Handholes
- 857001 Standard Phase Designation Diagrams and Phase Sequences
- 857006 Supervised Railroad Interconnect Circuit
- 877011-02 Steel Combination Mast Arm Assembly and Pole
- 878001-03 Concrete Foundation Details
- 880001 Span Wire Mounted Signals and Flashing Beacon Installation
- 880006 Traffic Signal Mounting Details

GENERAL NOTES

THE STANDARDS AND REVISION NUMBER LISTED SHALL APPLY TO THIS PROJECT.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THERE LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

THE THICKNESS OF BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS BEING PLACED.

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. ALL UTILITY LOCATIONS SHOWN ARE SUPPLIED BY THE UTILITY COMPANIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

*THE QUANTITY FOR EARTH EXCAVATION INCLUDES THE GRADING AND SHAPING OF DITCHES.*

BITUMINOUS CONCRETE MIX DESIGN TABLE INFORMATION

Mix Usage	Binder	Surface	Shoulder
AC/PG	PG 64-22	PG 64-22	PG 58-22
RAP % Max	15%	10%	15%
Design Air Voids	4.0% @ Ndesign = 70	4.0% @ Ndesign = 70	2.0% @ Ndesign = 30
Mix Composition	IL 9.5 or 12.5	IL 9.5 or 12.5	BAM
Friction AGG	N/A	Mix D	N/A
Mix Usage	Binder - Wid	Temporary - Surface	Temporary - Binder
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % Max	15%	10%	15%
Design Air Voids	4.0% @ Ndesign = 70	4.0% @ Ndesign = 70	4.0% @ Ndesign = 70
Mix Composition	IL 19.0	IL 9.5 or 12.5	IL 19.0
Friction AGG	N/A	Mix D	N/A

B. Added Sheet 4-20-05

<b>IDOT DISTRICT 6</b>	
EXAMINED	February 3, 2005 <i>Joan J. Hays</i>
<b>OPERATIONS ENGINEER</b>	
EXAMINED	Feb 3, 2005 <i>W.P. Jung</i>
<b>PROGRAM IMPLEMENTATION ENGINEER</b>	
EXAMINED	February 3, 2005 <i>William E. Motta</i>
<b>PROGRAM DEVELOPMENT ENGINEER</b>	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**GENERAL NOTES**  
FAP 502 (RADIO ROAD)  
(53 RS-7, PIRS-2) N,TS  
ADAMS COUNTY  
SCALE: VERT.      DRAWN BY TMJ  
          HORIZ.      CHECKED BY MEB  
DATE 02-02-05

PLOT DATE = 2/3/2005  
 PLOT SCALE = SCALE  
 REFERENCE = REF#