INDEX OF SHEETS

SHT. NO.	DESCRIPTION		
1	COVER SHEET		
2	INDEX OF SHEETS, COMMITMENTS, LIST OF STANDARDS, GENERAL NOTES AND JOB SPECIFIC NOTES		
3	STATUS OF UTILITIES		
4-7	SUMMARY OF QUANTITIES		
8-14	TYPICAL SECTIONS		
15-21	SCHEDULE OF QUANTITIES		
22-24	ALIGNMENT, TIES, BENCHMARKS AND LINE DIAGRAM		
25-31	REMOVAL PLANS		
32-46	ROADWAY PLAN AND PROFILES		
47-62	MAINTENANCE OF TRAFFIC		
63-71	EROSION CONTROL		
72-85	DRAINAGE PLAN AND PROFILES		
86-92	PAVEMENT MARKING		
93-96	DOUBLE BOX CULVERT PLANS - S.N. 090-5004		
97	DETAIL - GUTTER OUTLET (SPECIAL) FOR TYPE B GUTTER (MODIFIED)		
98	DETAIL - CURB TRANSITION, CLASS SI CONCRETE (OUTLET) AND CONCRETE COLLAR		
99	DIST. 4 CADD STD. 205001-D4 - SLOPE STEPS DETAIL		
100	DIST. 4 CADD STD. 440001-D4 - BITUMINOUS SURFACE REMOVAL (COLD MILLING)		
101	DIST. 4 CADD STD. 602006-D4 - INLETS, TYPE G-1, SPECIAL		
102	DIST. 4 CADD STD. 602016-D4 - INLETS, TYPE G-1 DOUBLE, SPECIAL		
103	DIST. 4 CADD STC. 602026-D4 - INLET-MANHOLE, TYPE G-1, SPECIAL		
104	DIST. 4 CADD STD. 604001-D4 - FRAME AND GRATES FOR TYPE G-1 AND		
	TYPE G-1, SPECIAL DRAINAGE STRUCTURES		
105-106	DIST. 4 CADD STD. 630101-D4(2) - GUARDRAIL EROSION CONTROL TREATMENTS		
407 454			

107-154 CROSS SECTIONS HIGHWAY STANDARDS

LIST OF STANDARDS

000001-05 STANDARD SYNBOLS, ABBREVIATIONS AND PATTERNS 280001-04 TEMPORARY EROSION CONTROL SYSTEMS 420001-07 PAVEMENT JOINTS 420101-04 24' JOINTED PCC PAVEMENT 420111-02 PCC PAVEMENT ROUNDOUTS 420701-02 PAVEMENT FABRIC 542401 METAL END SECTION FOR PIPE CULVERTS 542406 METAL END SECTION FOR PIPE ARCHES 602301-01 INLET TYPE A 602401-01 MANHOLE, TYPE A 602601-01 PRECAST REINFORCED CONCRETE FLAT SLAB TOP 602701-01 MANHOLE STEPS 604036-01 GRATE TYPE 8 606001-03 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER 630001-07 STEEL PLATE BEAM GUARDRAIL 630301-04 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS 664001-01 CHAINLINK FENCE 666001 RIGHT OF WAY MARKERS 701306≚01 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH . 701326-02 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH

701501-04 URBAN LANE CLOSURE 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE 701502-02 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE 701602-03 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE

701901 720001 TRAFFIC CONTROL DEVICES SIGN PANEL MOUNTING DETAILS

720006-01 SIGN PANEL ERECTION DETAILS 780001-01 TYPICAL PAVEMENT MARKINGS

BLR 17-3 TRAFFIC CONTROL DEVICES- DAY LABOR CONSTRUCTION

COMMITMENTS

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT.

JOB SPECIFIC NOTES

TREE REMOVAL

Only those trees marked in the plans for removal should be removed. All other tree removal shall only be done with the approval of the City of Pekin.

EMBANKMENT

High Silt Soil may be encountered in cut sections near Sta. 45+00 to Sta. 57+00. This "Restricted" soil will be limited to use as described in Special Provision Borrow and Furnished Excavation

EARTH EXCAVATION - INCIDENTAL TO CURB, GUTTER & DRIVEWAY

Earth excavation and backfill for proposed curb and gutters, side street and driveway pavements shall be included in the unit cost of the various items. PRIVATE DISCHARGE PIPES

The Contractor shall contact the Tazewell County Health Department if drainage pipes are encountered of "Questionable Discharge". Pipes considered "Questionable" shall not be outletted to the roadside ditch or connected to the storm sewer system without the approval of the Engineer.

SIDE STREET JURISDICTION

CITY OF PEKIN - SCHRAMN DRIVE, IRONWOOD DRIVE, HICKORY LANE AND REUTER LANE GROVELAND TOWNSHIP - PIN OAK DRIVE, COUNTRY CLUB DRIVE AND CALIFORNIA ROAD

SPRINKLER SYSTEM

Before working, the Contractor shall coordinate with the property owner that the existing sprinkler system located Lt. Sta. 31+00 to Lt. Sta. 33+00 is removed or has been abandoned.

SOILS REPORT

The Soils Report made in connection with the design of this improvement is available for review at the District Office.

GENERAL NOTES

UTILITIES - LOCATIONS/INFORMATION ON PLANS

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 careful field investigation and the best information available, but they are not guaranteed. Unless elevations are shown —— all utility locations shown on the cross sections are based on the approximate depth supplied by the utility company. It shall be the Contractor's responsibility to ascertain their exact location from the utility companies and by field inspection.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

All elevations shown on the plans are established from U.S.G.S. mean sea level datum.

PROPERTY OWNER ACCESS REQUIREMENT

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.

TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS

Incidental bituminous surface shall be used for all temporary side raad crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

1. No two consecutive side streets (roads or school driveways) may be closed at the same time during construction. The contractor must alternate streets (roads)

Adjacent sideroads will not be closed simultaneously. BLR Standard 21 shall be used for all local road closures without any entrances within the closed area, BLR Standard 22 can be used where it is necessary to allow local traffic access.

ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

The required environmental resource documentation shall include the following:

- BDE Form 2289 (Environmental Survey Request) A location map showing the size limits and location of the use area
- Signed property owner agreement form
- Color photographs depicting the use area

Please note that a minimum of two weeks shall be allowed for the District to obtain the required environmental clearances

LABORATORY TESTING OF HMA MIXES

Some aggregate compositions produce inconsistent results when burned in the ignition oven. The Engineer will determine whether the ignition oven or AC nuclear gauge will be required after the aggregate sources have been identified.

AGGREGATE FOR DRIVEWAY PLACEMENT

The material used for construction of permanent aggregate driveways shall be grovel or crushed stone, as directed by the Engineer, to replace in kind the existing aggregate driveways.

BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the bituminous surface course.

PAVING SURFACE COURSE, CONTINUOUS

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the bituminous surface. No interruptions for side roads. entrances, turn lanes, etc. will be allowed.

TAPER REMOVAL @ FRAME & GRATES ADJUSTED BY OTHERS

At locations where frames and grates have previously been adjusted by others and they are surrounded by bituminous tapers, the Contractor for this contract shall remove and dispose of the bituminous taper material prior to the placement of the bituminous surface course. This work will not be paid for separately, but will be considered as included in the cost of the BITUMINOUS SURFACE COURSE.

TREE REMOVAL - UTILITY RELOCATION

Tree removal may be necessary prior to utility companies being able to relocate their facilities outside the construction limits. The Contractor should coordinate any contract tree removal activities with the utility companies to eliminate conflicts and potential delays caused by utility tree removal activities or incomplete utility relocations.

Mixture Uses(s):	BINDER COURSE, BASE COL
RAP % (Max)**:	25%
AC/PG:	PG 64-22
Design Air Voids:	4.0% ON = 50
(Gradation Mixture)	IL 19.0
Friction Aggregate	N/A
Mixture Uses(s);	SURFACE COURSE
RAP % (Max)**:	15%
AC/PG:	PG 64-22
Design Air Volds:	4.0% ON = 50
Mixture Composition:	L 9.5 OR 12.5

	CONTRACT NO. 89347
GENERAL NOTES (CONTINUED)	F.A.U. SECTION COUNTY TOTAL SHEET NO. 6761 04-00057-06-WR TAZEWELL 154 2
ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS	STA. TO STA.
The Contractor shall consult with the Engineer in regard to the exact length of sewers, and/or pipe drains required prior to ordering these items.	FED. ROAD DIST. NO. 4 JILLINDIS FED. AID PROJECT the box/pipe culverts, storm
EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES	
In accordance with Section 602 of the Standard Specifications, the connecting of culverts, or storm sewers to the proposed drainage system structures will not b be considered as included in the pay items provided.	of existing drain tiles, pipe be paid for separately but shall
TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION	
Ten feet transitions shall be used to match proposed items of work to existing shown. The transition shall be paid at the contract unit price for the proposed	items in the field unless otherwise I item of work specified.
WINTER SHUTDOWN RESTRICTIONS ON COLD WILLED PROJECTS	
Prior to winter shutdown the following steps shall be taken:	
- All cold milled surfaces shall be overlaid.	
 All lanes shall be reopened to traffic. Manholes, where applicable, shall be adjusted to the elevation of the bin re-adjusted to finished grade in the Spring. The initial manhole adjustm unit price and any re-adjustment, as directed by the Engineer, will be pa Temporary or permanent pavement marking shall be placed as applicable. 	ent will be paid for at the contract aid for in accordance with Article 109.04.
PAVEMENT STATION NUMBERS & PLACEMENT	
The Contractor shall provide labor and materials required to imprint pavement s of the pavement and/or overlay. The numbers shall be approximately 3/4 inch The pavement station numbers shall be installed as specified herein: Interval — 100 feet Bottom of Numbers — 6 inches from the inside edge of the pavement marking	
Location: - 2, 3, & 5 Lane Pavements - right edge of pavement in direction of increa - Multiplane Divided Roadways - outside edge of pavement is both direction	=
 Multi-Lane Divided Roadways – outside edge of pavement in both direction Ramps – along baseline edge of pavement 	
Position — stations shall be placed so they can be read from the adjacent shou Format — English pavement stations shall use this format "XXX", where X repre-	
This work will not be paid for separately, but will be considered included in the	•
of the associated pavement and/or overlay pay items.	
REFLECTIVE CRACK CONTROL PLACEMENT Reflective crack control treatment shall be placed on the cold milled surface.	
SIGNING	
Sign locations may vary from the stations shown on the plans in accordance wi	th directions from the Engineer at the
time of construction. Sign locations may be adjusted in the field to avoid any	found utilities.
All wood post locations shall be verified with the Bureau of Operations, Traffic S	Section, before installation.
HMA ASPHALT MIXTURE REQUIREMENTS [Mixture Uses(s): [BINDER COURSE, BASE COURSE] [Mixture Uses(s): [LEVELIN	<u></u>
RAP % (Max)**: 25%	G BINDER
Design Air Volds: 4.0% © N = 50 Mixture Composition: 100 Mixture Composition: 100	N = 50
(Gradation Mixture) L 1900 Friction Aggregate N/A Friction Aggregate N/A	
Mixture Uses(s): SURFACE COURSE Mixture Uses(s): BITUMIN RAP % (Mox)**: 15% RAP % (Mox)**: 30%	OUS SHOULDERS 6.5"
AC/PG: PG 64-22 AC/PG: PG 64-22 AC/PG: PG 64-22 Design Air Volds: 4.02 @ N = 50 Design Air Volds: 4.02 @	22 N = 30
Mixture Composition: (Gradation Mixture) IL 9.5 OR 12.5 (Gradation Mixture) IL 19.0L	
Friction Aggregate Mix D Friotion Aggregate N/A Mixture Uses(s): BINDER COURSE 2" Nixture Uses(s): SHOULD	
RAP % (Max)**: 25% RAP % (Max)**: 25%	ERS 1.5"
Design Air Volds: 4.0% @ N ≈ 50 Mixture Composition: Mixture Composition:	$\frac{22}{N} = 30$
Gradation Mixture) IL 12.5 ONLY (Gradation Mixture) S.S. Friction Aggregate N/A Friction Aggregate MIX C	
*tif the RAP option is selected, the aspholt cement grade may need to be adjusted; this will be determined by the Engineer.	
• · · · · · · · · · · · · · · · · · · ·	
REVISIONS	INOIS DEPARTMENT OF TRANSPORTATION
NAME DATE ILL	IOADWAY ROAD IMPROVEMENTS
	DEX OF SHEETS, COMMITMENTS,
	F STANDARDS, GENERAL NOTES AND
	JOB SPECIFIC NOTES
DATE 1	DRAWN BY DLC 12/07/2007 CHECKED BY REW
	Uncured by dem

AU/PG:	PG 64-22
Design Air Volds:	4.0% @rN ≈ 50
Mixture Composition: (Gradation Mixture)	IL 12.5 ONLY

02 INDEX.don 2/8/2008 9:45:19 AM