



EXISTING/PROPOSED TYPICAL SECTION

STA. 132+72.00 TO STA. 133+00.00
 STA. 133+54.00 TO STA. 134+02.00
 EXCEPT TRANSITIONS

BRIDGE OMISSION
 STA. 133+00.00 TO STA. 133+54.00

* COST OF REGRADING EXISTING AGGREGATE SHOULDERS 2' PAST WING ENDS AND BEYOND DUE TO CONSTRUCTION ACTIVITIES SHALL BE INCLUDED WITH HOT-MIX ASPHALT SURFACE COURSE. COST OF NEW AGGREGATE SHOULDERS FROM BACK OF STRUCTURE TO 2' BEYOND THE WINGS SHALL BE PAID FOR AS AGGREGATE SHOULDERS, TYPE A. SEE SCHEDULE.

**PROPOSED PAVEMENT WIDTH TO MATCH EXISTING PAVEMENT WIDTH.

MIX DESIGN TABLE

MIXTURE USE	SURFACE (MIX "C"), N50
PG GRADE	PG 64-22
DESIGN AIR VOIDS	4% @ N50
MAX COMPOSITION: (GRADATION MIXTURE)	IL-9.5 or 12.5
FRICTION AGGREGATE	MIXTURE C

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

GENERAL NOTES

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.

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

ANY EXISTING DRAINAGE STRUCTURES THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

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.

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.

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	QUANTITY
28100209	STONE RIPRAP, CLASS A5	TON	295
28200200	FILTER FABRIC	SQ YD	245
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	21
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	211
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	39
48100100	AGGREGATE SHOULDERS, TYPE A	TON	7
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1
50102400	CONCRETE REMOVAL	CU YD	4.5
50300225	CONCRETE STRUCTURES	CU YD	4.5
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	1,782
50800105	REINFORCEMENT BARS	POUND	370
51500100	NAME PLATES	EACH	1
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	198
58300100	PORTLAND CEMENT MORTAR FAIRING COURSE	FOOT	135
*① 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3
*① 63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	4
63200310	GUARDRAIL REMOVAL	FOOT	68
67100100	MOBILIZATION	L SUM	1
① 70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	423
*① 78202000	TERMINAL MARKER - POST MOUNTED	EACH	4
*① X0321203	TERMINAL MARKER POSTS	EACH	4
*① XX006199	STEEL BRIDGE RAIL, TYPE SM (SPECIAL)	FOOT	162
① Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1

① SEE SPECIAL PROVISIONS

* SPECIALTY ITEMS

CONSTRUCTION CODE TYPE: X081-2A

HOT-MIX ASPHALT SCHEDULE

STATION TO STATION	WIDTH	LENGTH	PRIME COAT GALLON 0.10 GAL/SQ YD	HOT-MIX ASPHALT SURFACE CSE TON 112#/SQ YD/IN
132+72.00 - 132+86.22	23.49' AVG.	14.22'	4	3
132+86.22 - 133+00.00	27.61' AVG.	13.78'	4	4
133+54.00 - 133+68.00	27.56' AVG.	14.00'	4	4
133+68.00 - 134+02.00	23.60' AVG.	34.00'	9	8
TOTAL			21	19

PAINT PAVEMENT MARKING - LINE 4"

STATION TO STATION	SIDE	DESCRIPTION	FOOT
132+72.00 - 134+02.00	LEFT	WHITE EDGE LINE	130
132+72.00 - 134+02.00	LEFT / @	SOLID YELLOW	130
132+72.00 - 134+02.00	RIGHT / @	YELLOW SKIP DASH	33
132+72.00 - 134+02.00	RIGHT	WHITE EDGE LINE	130
TOTAL			423

AGGREGATE SHOULDERS, TYPE A

STATION TO STATION	SIDE	WIDTH	LENGTH	TON
132+84.50 - 133+00.00	LEFT	3.26' AVG.	15.50'	2
132+84.50 - 133+00.00	RIGHT	2.43' AVG.	15.50'	1
133+54.00 - 133+69.50	LEFT	2.88' AVG.	15.50'	2
133+54.00 - 133+69.50	RIGHT	2.91' AVG.	15.50'	2
TOTAL				7

*** 6" THICKNESS

TRAFFIC BARRIER TERMINAL, TYPE 2

SIDE	STATION TO STATION	EACH
LEFT	132+71.65 - 132+73.93	1
LEFT	133+77.30 - 133+73.11	1
RIGHT	133+73.35 - 133+74.13	1
TOTAL		3

TRAFFIC BARRIER TERMINAL, TYPE 5A

SIDE	STATION TO STATION	EACH
LEFT	132+73.93 - 132+86.50	1
RIGHT	132+84.61 - 132+86.50	1
LEFT	133+67.50 - 133+77.30	1
RIGHT	133+67.50 - 133+73.55	1
TOTAL		4

GUARDRAIL REMOVAL

STATION TO STATION	SIDE	FOOT
132+73.14 - 132+86.50	LEFT	24
132+85.65 - 132+86.50	RIGHT	12
133+67.50 - 133+63.41	LEFT	19
133+67.50 - 133+68.26	RIGHT	13
TOTAL		68

TERMINAL MARKER POSTS

@ STATION	OFFSET	SIDE	EACH
132+79.00	19'	LEFT	1
132+84.00	19'	RIGHT	1
133+70.00	19'	LEFT	1
133+71.00	19'	RIGHT	1
TOTAL			4

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT

STATION TO STATION	WIDTH	LENGTH	SQ YD
132+72.00 - 132+86.22	23.49' AVG.	14.22'	37
132+86.22 - 133+00.00	27.61' AVG.	13.78'	42
133+54.00 - 133+68.00	27.56' AVG.	14.00'	43
133+68.00 - 134+02.00	23.60' AVG.	34.00'	89
TOTAL			211