

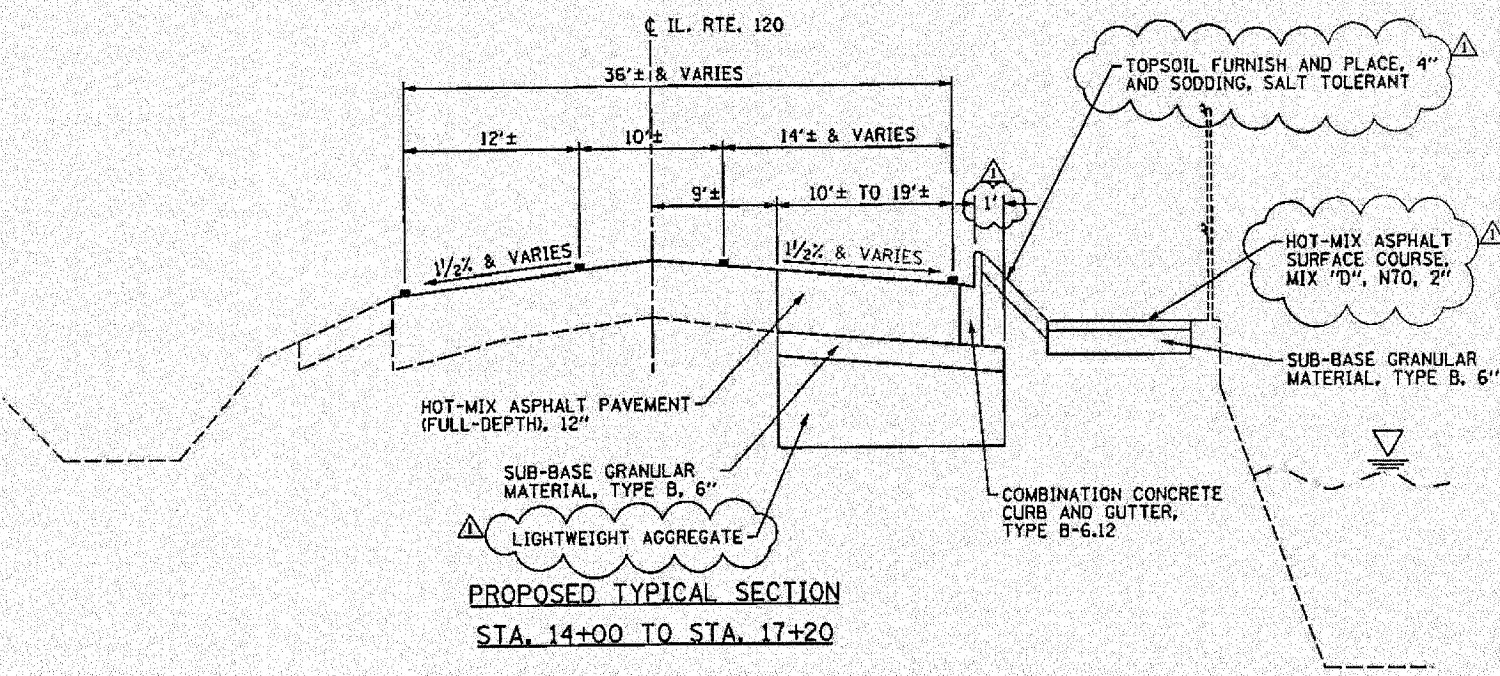
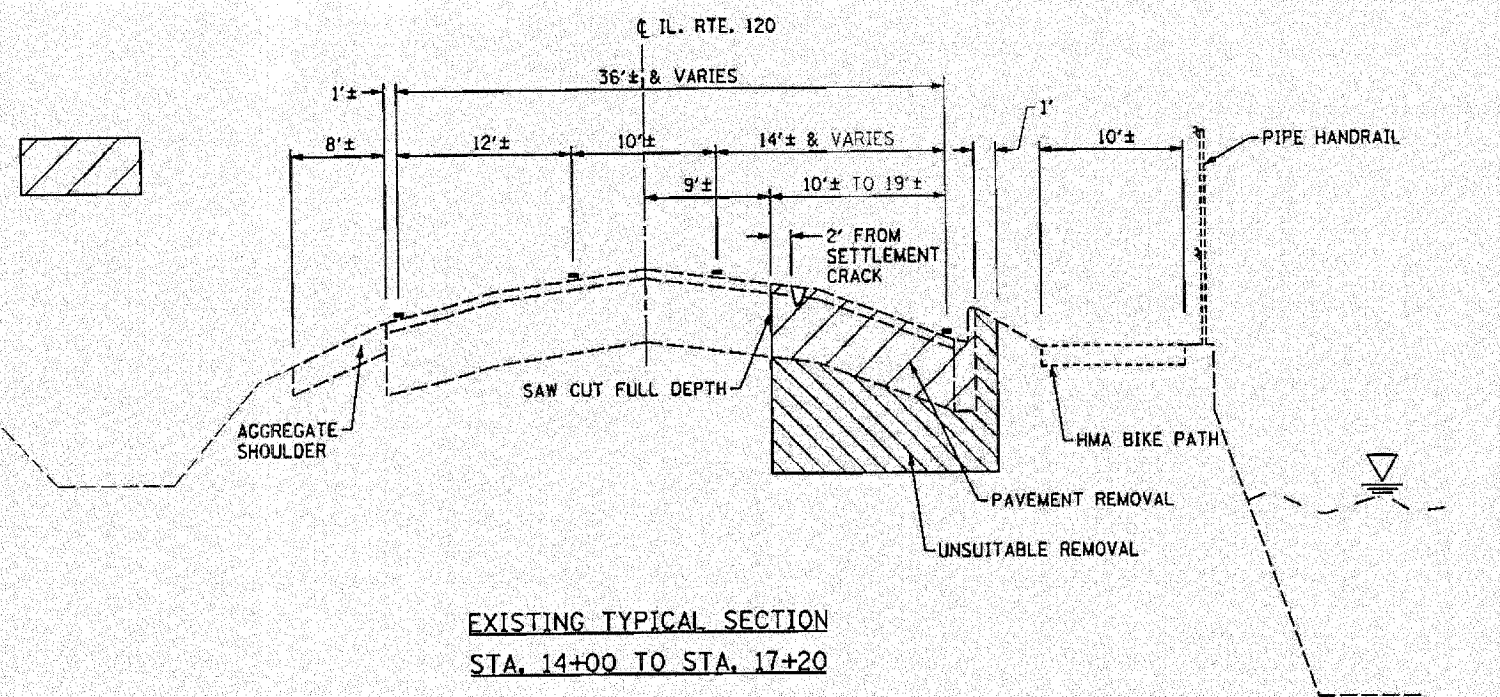
PAVEMENT REPLACEMENT - BILL OF MATERIALS

ITEM	UNIT	TOTAL QUANTITIES
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU. YD.	557
TOPSOIL FURNISH AND PLACE, 4"	SQ. YD.	60
SODDING, SALT TOLERANT	SQ. YD.	60
PERIMETER EROSION BARRIER	FOOT	208
SUB-BASE GRANULAR MATERIAL, TYPE B, 6"	SQ. YD.	360
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	4
HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 12"	SQ. YD.	310
PAVEMENT REMOVAL	SQ. YD.	310
HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ. YD.	34
COMBINATION CURB AND GUTTER REMOVAL	FOOT	180
PROTECTIVE COAT	SQ. YD.	40
REINFORCEMENT BARS	POUND	55
PRECAST REINFORCED CONCRETE FLARED END SECTIONS, 30"	EACH	1
GRATING FOR CONCRETE FLARED END SECTION, 30"	EACH	1
CONCRETE COLLAR	CU. YD.	0.5
STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 12"	FOOT	6
STORM SEWERS, TYPE 2, REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, CLASS III, 30"	FOOT	32
STORM SEWERS TO BE CLEANED	FOOT	40
STORM SEWER REMOVAL, 30"	FOOT	40
MANHOLES TO BE ADJUSTED	EACH	1
COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	180
TRAFFIC CONTROL AND PROTECTION, STANDARD T01501	L. SUM	1
SHORT-TERM PAVEMENT MARKING	FOOT	240
TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ. FT.	60
TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	4,000
TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	400
TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	300
TEMPORARY CONCRETE BARRIER	FOOT	388
PAVEMENT MARKING REMOVAL	SQ. FT.	300
LIGHTWEIGHT AGGREGATE	CU. YD.	521
REMOVING AND RE-ERECTING EXISTING RAILING	FOOT	20
REMOVE AND REPLACE STONE RIPRAP	CU. YD.	24
PERMANENT STEEL SHEET PILING	SQ. FT.	2,520
IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	2

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS
FULL-DEPTH PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	PG 64-22	4% @ 70 GYR.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 10"	PG 64-22*	4% @ 50 GYR.
HOT-MIX ASPHALT BIKEWAY		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	PG 64-22	4% @ 70 GYR.

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS / SQ. YD. / IN.
 * WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

LEGEND
 REMOVAL ITEMS



PAVEMENT REPLACEMENT GENERAL NOTES

- LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FROM BEST AVAILABLE RECORD INFORMATION AND MUST BE FIELD VERIFIED BY THE CONTRACTOR.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- SAW CUTTING PRIOR TO ANY REMOVAL ITEMS NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY HIM AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE VILLAGE OF GRAYSLAKE.
- ALL PAVEMENT MARKINGS REMOVED DURING CONSTRUCTION SHALL BE REPLACED WITH TEMP. PAVEMENT MARKINGS.
- FIELD VERIFICATION SHALL BE INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.
- THE COST OF DEWATERING SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

FILE NAME = 1824C-ah1-101001.dgn
 PLOT DATE = 5/28/2008

CHRISTIAN RIDGE & ASSOCIATES, INC.
 ENGINEERS-PLANNERS-SURVEYORS
 871 WEST WALKER DRIVE
 CHICAGO, ILLINOIS 60606
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DESIGNED - S.J.P. REVISIONS - ADD. 1 05-28-2008
 DRAWN - A.C.S. REVISIONS -
 CHECKED - E.J.M. REVISIONS -
 DATE - APRIL 9, 2008 REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT REPLACEMENT - GENERAL NOTES, TYPICAL SECTION AND DETAILS IL RTE 120
 SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. 14+00 TO STA. 17+20

F.A.P. RTE. 342	SECTION G-RS-4	COUNTY LAKE	TOTAL SHEETS 24	SHEET NO. 10
CONTRACT NO. 60C32			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

(6-2-08)
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