

GUARDRAIL SCHEDULE							
LOCATION	STEEL PLATE BEAM GUARDRAIL, TYPE A 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 6A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 1	GUARDRAIL MARKERS TYPE A	TERMINAL MARKER DIRECT APPLIED
	63000001	63100087	63100167	63200310	LR631020	78200410	78201000
	FOOT	EACH	EACH	FOOT	EACH	EACH	EACH
LT. STA 511+17.47 TO LT. 512+11.37		1	1				1
LT. STA 514+26.98 TO LT. 515+45.88	25	1	1				1
LT. STA 511+17.47 TO LT. 515+45.88				152		6	
RT. STA 511+41.62 TO RT. 512+23.02	12.5	1			1		1
RT. STA 514+38.63 TO RT. 515+32.53		1	1				1
RT. STA 511+41.62 TO RT. 515+32.53				152		6	
TOTAL	37.5	4	3	304	1	12	4

EARTHWORK SUMMARY							
LOCATION	EARTH EXCAVATION	CHANNEL EXCAVATION	SHRINKAGE FACTOR	% USED	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE(25%)	EMBANKMENT REQUIRED	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	20200100	20300100					
	CUBIC YARD	CUBIC YARD			CUBIC YARD	CUBIC YARD	CUBIC YARD
C.H. 6 / 7TH STREET							
STA 510+66 TO STA 512+31.67	135		25.00%	100.00%	101	87	14
STA 514+18.76 TO STA 516+00	146		25.00%	100.00%	110	123	-13
CHANNEL EXCAVATION		880	25.00%	70.00%	462		462
	281	880			673	210	463

WASTE = 463 CU.YD.

PAVEMENT MARKING SCHEDULE		
LOCATION	PAINT PAVEMENT MARKING LINE 4"	
	78001110	
	WHITE EDGE LINE	YELLOW CENTER LINE
	SOLID	SKIP DASH
	FOOT	FOOT
LT. STA 511+50 TO LT. 515+00	350	
CL. STA 511+50 TO CL. 515+00		88
RT. STA 511+50 TO RT. 515+00	350	
SUB TOTAL	700	88
TOTAL	700	88

PAVEMENT DESIGN (NON-MECHANISTIC)
DESIGN PERIOD 20 YEARS (2032)
STRUCTURAL DESIGN TRAFFIC (SDT): 2252 (2022)
PV = 2162 SU = 45 MU = 45
ROAD/STREET CLASSIFICATION: Class II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P = 0.5 S = 0.5 MU = 0.5
TRAFFIC FACTOR ACTUAL TF 0.23
MINIMUM TF NA
PG GRADE: BINDER = PG 64-28 SURFACE = PG 64-28

ROADWAY SCHEDULE							
LOCATION	AGGREGATE BASE COURSE TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT BINDER COURSE IL-19.0, N50	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	HOT-MIX ASPHALT SHOULDERS 8"	AGGREGATE SHOULDERS TYPE B 8"
	35101400	40600100	40603080	40603310	42001430	48203029	48101600
	TON	GAL	TON	TON	SQ YD	SQ YD	SQ YD
LT. STA 510+66 TO STA 512+25.50						83	24
CL. STA 511+50 TO STA 512+02.20	95	49	24	9	21		
RT. STA 511+32.52 TO STA 512+37.49						88	
LT. STA 514+12.51 TO STA 516+00						93	21
CL. STA 514+47.80 TO STA 516+00	95	49	24	9	21		
RT. STA 514+24.15 TO STA 516+00						89	29
TOTAL	190	98	48	18	42	353	74

	HMA SURFACE	HMA BINDER	HMA SHOULDERS TOP LIFT	HMA SHOULDERS BOTTOM LIFT
PG GRADE **	PG64-22	PG64-22	PG64-22	PG58-22
DESIGN AIR	4% @	4% @	4% @	4% @
VOIDS	N50	N50	N50	N50
MIXTURE COMPOSITION	IL 9.5	IL 19.0	IL 19.0	IL 19.0
FRICTION AGGREGATE	MIXTURE C			
DENSITY TEST METHOD	CORES	CORES	CORES*	CORES*

* MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 90.0%. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION