

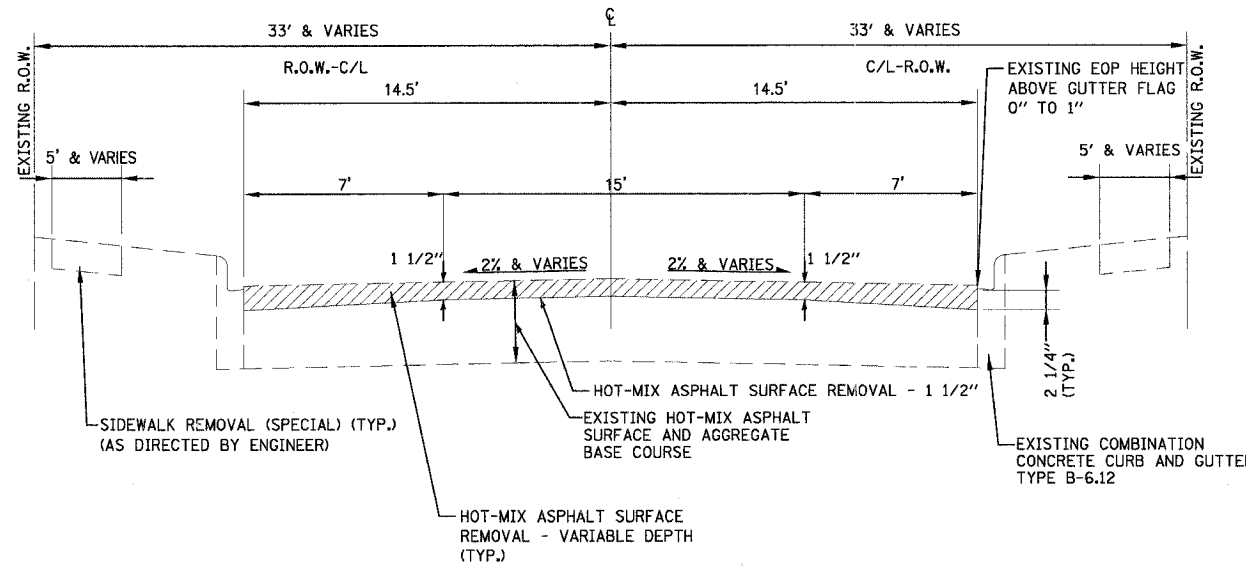
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	PG-64-22*	4% @ 50 Gyr
LEVELING BINDER (MACHINE METHOD), N50	PG 64-22/58-22*	4% @ 50 Gyr
CLASS D PATCHES, TYPE I TO IV, 6", (HMA BINDER IL-19mm)	PG 64-22/58-22*	4% @ 70 Gyr
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	PG 64-22/58-22*	4% @ 70 Gyr

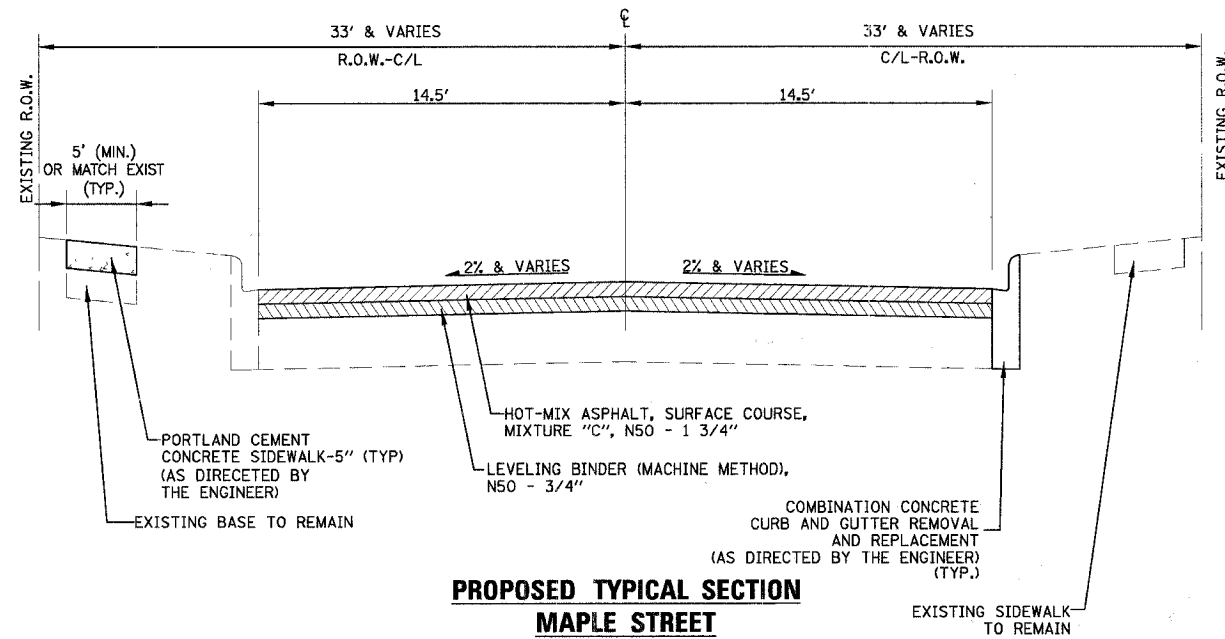
THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD./IN.
 *WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

GENERAL NOTES:

- UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL HAVE THE RESPECTIVE UTILITY COMPANIES FIELD LOCATE ALL THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE DEPTHS OF THE EXISTING UTILITIES IF NECESSARY. ANY RELOCATION OR LOWERING OF UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER OR CITY.
- THE CONTRACTOR SHALL NOTIFY THE CITY SUPERINTENDENT OF PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN CITY UTILITY LOCATIONS AND SHALL COORDINATE ALL CONSTRUCTION OPERATIONS WITH THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DRIVEWAYS OR AREA IN THE PARKWAY THAT IS DISTURBED BY CONSTRUCTION. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT RATHER SHALL BE INCLUDED IN THE COST OF THE ITEMS FOR WHICH IT APPLIES.
- MATERIALS RESULTING FROM THE REMOVAL OF PAVEMENT, DRIVEWAYS, CURB AND GUTTER, HOT-MIX ASPHALT SURFACES, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IN THE JUDGMENT OF THE CITY, SHOULD IT BE NECESSARY TO REMOVE SUCH MATERIALS, THE CITY WILL HAVE THE MATERIAL REMOVED AND THE CONTRACTOR WILL BE BILLED (CHARGED) ACCORDINGLY.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE CITY WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE CITY TO RESIDENTS WITH WORK INCLUDED IN THE COST OF THE CONTRACT. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
- ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING CRUSHED STONE OR CRUSHED GRAVEL AND INCLUDED IN THE PAY ITEM FOR COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ANY SIGNS OR MAILBOXES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE REMOVED AND REPLACED IN ACCORDANCE WITH CITY STANDARDS AND INCLUDED IN THE COST OF THE CONTRACT. MAIL SERVICE SHALL BE MAINTAINED AT ALL TIMES.
- EXISTING PAVEMENT, DRIVEWAY PAVEMENT, CURB AND GUTTER AND SIDEWALK TO REMAIN IN PLACE SHALL BE SAW CUT FULL DEPTH TO PROVIDE A NEAT VERTICAL FACE BETWEEN THE PROPOSED AND EXISTING AND SHALL BE INCLUDED IN THE PRICE OF THE APPROPRIATE REMOVAL PAY ITEM.
- IN AREAS WHERE THE EXISTING DRIVEWAY, SIDEWALK, OR CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE REMOVAL AND DISPOSAL OF ANY ADDITIONAL MATERIAL REQUIRED TO ESTABLISH THE PROPOSED DRIVEWAY, SIDEWALK, OR CURB AND GUTTER SUBGRADE ELEVATION SHALL BE INCLUDED IN THE PAY ITEMS SIDEWALK REMOVAL (SPECIAL) OR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ALL AGGREGATE USED ON THIS PROJECT SHALL BE CRUSHED MATERIAL.
- THE CURB SHALL BE TAPERED TO THE GUTTER IN A FIVE (5) FOOT LENGTH WHEREVER THE CURB AND GUTTER TERMINATES, WITH AN EXPANSION JOINT PLACED AT THE START OF THE TAPER.
- CURB AND GUTTER SHALL BE DEPRESSED AT DRIVEWAYS AND SIDEWALK RAMPS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS. SIDEWALK RAMPS FOR ACCESS FOR THE DISABLED SHALL BE PROVIDED AT THE PROPOSED CROSSWALKS IN ACCORDANCE WITH THE IDOT HIGHWAY STANDARDS.
- THE FINISHED BITUMINOUS CONCRETE SURFACE SHALL BE CONSTRUCTED 0.25 INCH ABOVE THE GUTTER FLAG.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR TYPE II BARRICADE USED. ONE (1) WEIGHTED SANDBAG SHALL BE PLACED ACROSS EACH BOTTOM RAIL.
- DETECTABLE WARNINGS SHALL CONSIST OF DYED CONCRETE STAMPED WITH APPROPRIATE STAMPING TOOLS. THE PIGMENT SHALL MEET THE REQUIREMENTS OF ASTM C 979, MATCH COLOR 30166 OF FEDERAL STANDARD 595. THE COST OF DYING CONCRETE IN ADDITION TO THE DETECTABLE WARNING AREA SHOWN ON THE DETAIL SHALL BE INCLUDED IN THE COST OF DETECTABLE WARNINGS BUT THE LIMITS OF THE DYED CONCRETE SHALL NOT EXTEND BEYOND THE BACK OF THE DETECTABLE WARNING AREA.
- ALL POSTS, RAILROAD TIES, AND DECORATIVE TIMBER IN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHALL BE REMOVED AND RELOCATED AS DETERMINED BY THE ENGINEER AT THE TIME OF CONSTRUCTION AND SHALL BE INCLUDED IN THE COST OF ITEM CAUSING DISTURBANCE. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR WHEN REMOVING THESE ITEMS TO PRESERVE THEM FROM HARM. ITEMS NOT RELOCATED SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR.
- A PORTABLE BATHROOM(S) SHALL BE PLACED ON THE JOB SITE(S) AND RELOCATED WHEN NECESSARY SO IT IS ACCESSIBLE TO WORKERS. IF WORK IS OCCURRING AT SEVERAL LOCATIONS, ONE PORTABLE BATHROOM SHALL BE PLACED AT EACH LOCATION WITHIN A REASONABLE DISTANCE FROM THE WORK AS DETERMINED BY THE ENGINEER. THIS SHALL BE INCLUDED IN THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION.
- THE PRIME COAT APPLICATION RATE SHALL BE 0.1 GAL/SY. THE MC-30 PRIME COAT APPLICATION RATE SHALL BE 0.3 GAL/SY.
- FOR STEEL BARS CERTIFICATION, PLEASE CONTACT IDOT BUREAU OF MATERIALS AT (847) 705-4361.
- THE CONTRACTOR WILL ONLY BE ALLOWED TO REMOVE AND REPLACE CURB AND GUTTER ON ONE SIDE OF THE ROAD AT A TIME TO MINIMIZE CONGESTION. REPLACEMENT MUST BE COMPLETE ON ONE SIDE OF THE ROAD BEFORE THE CONTRACTOR IS ALLOWED TO BEGIN REMOVING CURB AND GUTTER ON THE OTHER SIDE OF THE ROAD.
- DURING CONSTRUCTION STAGING OPERATIONS, THE CITY POLICE AND CITY FIRE DEPARTMENTS SHALL BE NOTIFIED IN WRITING 48-HOURS PRIOR TO STREET CLOSURES. EMERGENCY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
- THE QUANTITIES FOR COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL (SPECIAL), PORTLAND CEMENT CONCRETE SIDEWALK, 5-INCH, AND PATCHING WILL NOT EXCEED THE AMOUNT LISTED IN THE SUMMARY OF QUANTITIES.
- ALL CRACKS AND JOINTS SHALL BE CLEANED PRIOR TO FILLING THEM. THIS WORK SHALL BE INCLUDED IN THE ITEM "MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS."
- THE LOCATIONS OF THE CLASS D PATCHES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.



**EXISTING TYPICAL SECTION
 MAPLE STREET
 STA. 11+40 TO STA. 30+40
 (NO SCALE)**



**PROPOSED TYPICAL SECTION
 MAPLE STREET
 STA. 11+40 TO STA. 30+40
 (NO SCALE)**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	07-00026-00-RS	MCHENRY	10	2
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
C-91-154-07		M-8003 (757)		

CONTRACT NO.: 83929

HIGHWAY STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-04	CURB RAMPS FOR SIDEWALKS
604001-02	FRAME AND LIDS, TYPE 1
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-03	URBAN LANE CLOSURE, 2L 2W UNDIVIDED
701801-03	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, STATE STANDARDS, TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS
3	SUMMARY OF QUANTITIES AND MISCELLANEOUS DETAILS
4	PLAN: MAPLE STREET GEOMETRIC PLAN STA. 11+40 TO STA. 22+00
5	PLAN: MAPLE STREET GEOMETRIC PLAN STA. 22+00 TO STA. 30+40
6	TC-10 DISTRICT 1 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
7	TC-13 DISTRICT 1 TYPICAL PAVEMENT MARKINGS
8	TC-18 SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
9	BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
10	BM-14 METHOD OF FLAGGING

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CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	3/21/07	PER I.D.O.T. REVIEW
	2	4/13/07	PER I.D.O.T. REVIEW

* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

DRAWING FILE: ... \DGN's\061392-GEN.sht

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 Madison, Illinois 608.347.1542

CITY OF MARENGO, ILLINOIS
 MAPLE STREET
 STP (LAPP) IMPROVEMENTS

**INDEX TO SHEETS, STATE STANDARDS,
 GENERAL NOTES, TYPICAL SECTIONS AND
 HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

DESIGNED BY	SCALE
MWP	NONE
DRAWN BY	PROJECT NO.
RKM	061392.40
CHECKED BY	SHEET NO.
MWP	
DATE	
02/09/07	2 OF 10