

INDEX OF SHEETS

- 1 COVER SHEET AND INDEX OF SHEETS
- 2 GENERAL NOTES AND HIGHWAY STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTIONS
- 5 ALIGNMENT, TIES AND BENCHMARKS
- 6-7 IMPROVEMENT PLAN
- 8-9 PAVEMENT MARKING PLAN
- 10 VILLAGE DETAILS
- 11 BD-08 FRAMES AND LIDS ADJUSTMENT WITH MILLING
- 12 BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
- 13 BD-32 BUTT JOINT AND HMA TAPER DETAILS
- 14 TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- 15 TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
- 16 TC-16 PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
- 17 TC-22 ARTERIAL ROAD INFORMATION SIGN
- 18 TC-26 DRIVEWAY ENTRANCE SIGNING
- 19 TS-07 DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

TRAFFIC DATA

ADT:
5,000 VPD (2009) 8,000 VPD (2040)

POSTED SPEED

30 MPH (EXISTING) 35 MPH (EXISTING)
30 MPH (PROPOSED) 35 MPH (PROPOSED)

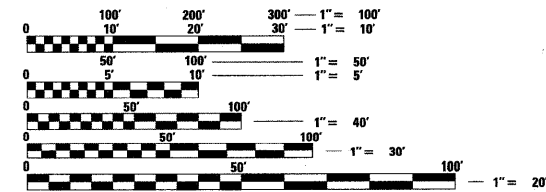
FUNCTIONAL CLASSIFICATION

COLLECTOR - URBAN

PROJECT IS LOCATED IN
THE VILLAGE OF SCHAUMBURG

PROJECT
PROJECT BEGINS
STATION 101+11

PROJECT
PROJECT ENDS
STATION 154+38



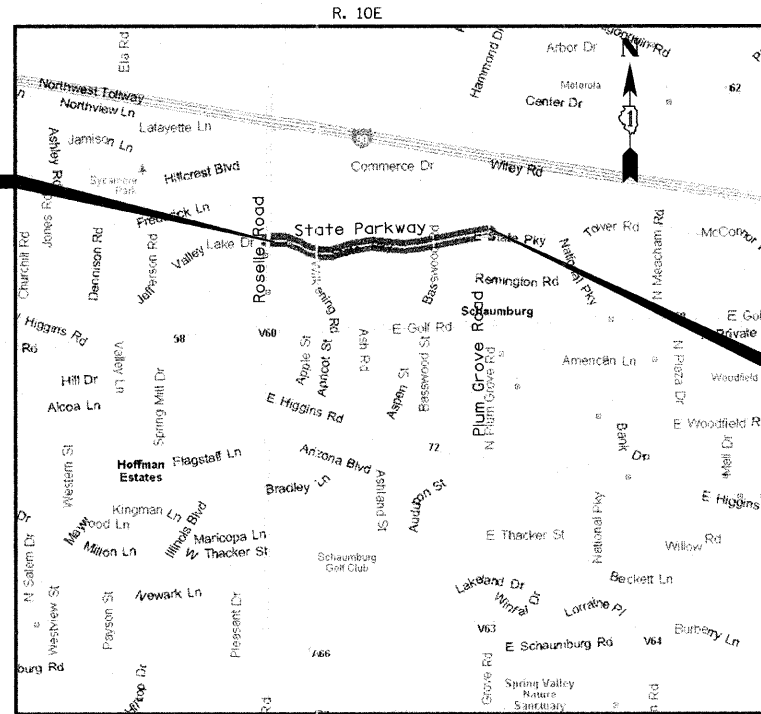
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

CONTRACT NO. 63637

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**
FAU ROUTE 1103 (STATE PARKWAY)
FAP ROUTE 0364 (ROSELLE ROAD) TO FAU ROUTE 2582 (PLUM GROVE ROAD)
RESURFACING

SECTION 11-00106-00-RS
PROJECT M-9003(827)
COOK COUNTY
JOB NO. C-91-571-11



SCHAUMBURG TOWNSHIP VILLAGE OF SCHAUMBURG 3RD P.M.

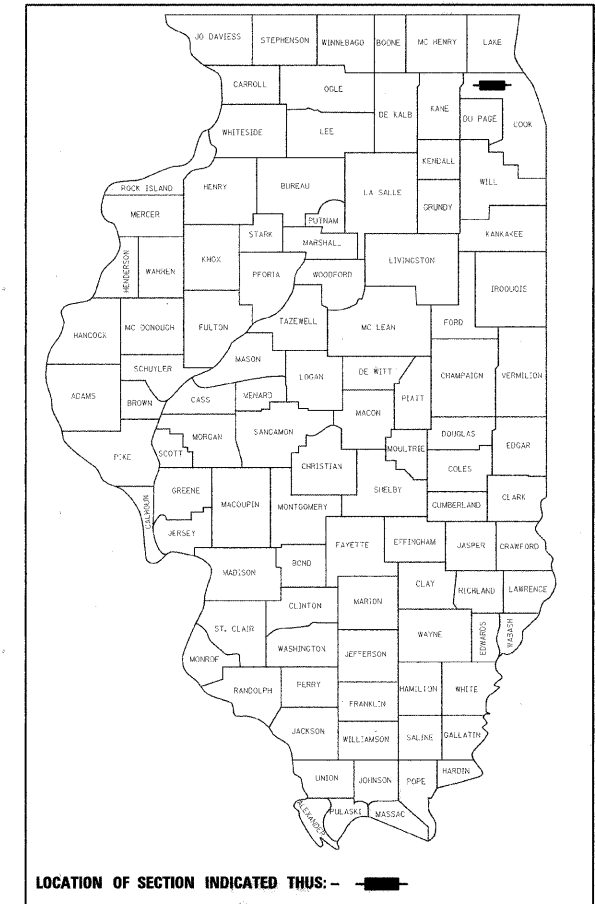
LOCATION MAP

NOT TO SCALE

PROJECT LENGTH (GROSS AND NET)
5,327 FT (1.01 MILES)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	11-00106-00-RS	COOK	19	1

CONTRACT NO. 63637



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED ON: September 7, 2011
Steven R. Weintraub
VILLAGE OF SCHAUMBURG, DIRECTOR OF ENGINEERING

PASSED September 29, 2011
Christoph Haly
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW September 13, 2011
Diana M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER

DAVID W. BLOCK
062-050966
REGISTERED
PROFESSIONAL
ENGINEER
OF
ILLINOIS
9-7-2011

David W. Block

DAVID W. BLOCK, P.E.
NO. 062-050966
EXP. DATE 11/30/11

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION, JANUARY 1, 2007.
- ALL REFERENCES TO "ENGINEER" SHALL BE INTERPRETED TO MEAN THE RESIDENT ENGINEER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 AND THE VILLAGE OF SCHAUMBURG AT 847-923-6618 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY OR ROW WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.
- THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS, PROPERTY CORNERS, AND REFERENCE MARKERS UNTIL THE OWNER, HIS AGENT, OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- QUANTITIES FOR PATCHING SHALL NOT EXCEED THOSE PROVIDED IN THE SUMMARY OF QUANTITIES UNLESS APPROVED BY THE ENGINEER. THE ENGINEER WILL VERIFY FINAL PATCH LOCATIONS IN THE FIELD, PRIOR TO REMOVAL.
- THE CONTRACTOR IS REQUIRED TO USE A PAVER SKI WHEN PLACING BITUMINOUS LIFTS.
- THE CONTRACTOR SHALL COORDINATE PAVING OPERATIONS FOR BOTH HMA LEVEL BINDER AND SURFACE COURSES SO THAT THE LONGITUDINAL JOINTS ARE CLOSED AND COMPACTED AT THE END OF EACH DAY. PAVING OPERATIONS SHALL BE SCHEDULED SO THAT ADJACENT LANES ARE PAVED IN THE SAME DIRECTION AS THE INITIAL LANE MINIMIZING THE TIME THE EDGE OF A PAVEMENT MAT IS ALLOWED TO COOL.

SIGNING AND STRIPING

- SEE IDOT STANDARD DETAIL 780001, DISTRICT ONE DETAIL TC-13 AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- THE CONTRACTOR WILL BE REQUIRED TO TEMPORARILY RESET ALL SIGNS THAT INTERFERE WITH CONSTRUCTION OPERATIONS. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND CLEAN FOR THE DURATION OF THE TEMPORARY SETTING AND MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO THE TRAFFIC FOR WHICH IT IS INTENDED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT IN ACCORDANCE WITH ARTICLE 107.25.

TRAFFIC CONTROL

- SEE TRAFFIC CONTROL HIGHWAY STANDARDS CONCERNING TRAFFIC CONTROL AND PROTECTION.
- THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION ACTIVITIES SO THAT TWO LANES OF TRAFFIC SHALL REMAIN OPEN AT ALL TIMES.

STORM SEWERS, WATER MAINS, AND UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN IF NOT SHOWN ON THE PLANS. ALL UTILITY PROPERTY DAMAGE DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- ALL UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
- THE CONTRACTOR SHALL ENSURE ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
- ALL LOOSE MATERIAL DEPOSITED IN THE FLOWLINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT IN ACCORDANCE WITH ARTICLE 107.15.
- THE CONTRACTOR SHALL CONFIRM ALL EXISTING STORM SEWER PIPE SIZES AND INVERTS PRIOR TO ORDERING STRUCTURES. ANY MODIFICATION OF STRUCTURES DUE TO THE FAILURE OF THE CONTRACTOR TO PERFORM THIS TASK SHALL BE AT THE CONTRACTOR'S EXPENSE AND MAY LEAD TO THE REJECTION OF THE STRUCTURE IN THE FIELD.

MISCELLANEOUS

- MATERIALS RESULTING FROM THE REMOVAL OF CONCRETE SURFACES, UTILITY STRUCTURE ADJUSTMENT, RESTORATION WORK, ETC. SHALL BE REMOVED AT THE END OF EACH DAY TO AN APPROVED SITE. IF THE CONTRACTOR DOES NOT REMOVE THESE MATERIALS AT THE REQUEST OF THE ENGINEER, THE VILLAGE OF SCHAUMBURG WILL HIRE A CONTRACTOR TO HAVE THE MATERIAL REMOVED AND THE CONTRACTOR SHALL BE BILLED (CHARGED) ACCORDINGLY.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS, EXISTING STREAMS, CREEKS, WETLANDS, OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN HIS/HER YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE CONTRACTOR PRIOR TO USE OF THE WATER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SWEEPING AND CLEANING STREETS OF ANY DEBRIS AND MATERIAL THAT HAS ACCUMULATED AS A RESULT OF THE CONSTRUCTION ACTIVITY. A MECHANICAL SWEEPER, MECHANICALLY DRIVEN AIR AND HANDWORK WITH SHOVEL AND BROOM SHALL BE UTILIZED TO PROVIDE A CLEAN STREET FOR THE MOTORING PUBLIC. WITHIN 24 HOURS OF PLACING PRIME COAT AND THE LAYING OF HMA, THE CONTRACTOR SHALL SWEEP THE PAVEMENT AND REMOVE STANDING WATER, EARTH, WEEDS, LEAVES, DIRT, CONSTRUCTION DEBRIS AND ALL LOOSE MATERIAL.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE ENGINEER WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO SIDEWALK REPLACEMENT, AND/OR CURB AND GUTTER REPLACEMENT. AT LOCATIONS WHERE THE SIDEWALK OR CURB AND GUTTER IS SCHEDULED TO BE REMOVED, THE CONTRACTOR SHALL CONTACT THE BUSINESS/HOMEOWNER 24 HOURS PRIOR TO REMOVING THE CURB OR SIDEWALK. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES. THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE A DRIVEWAY FOR MORE THAN 48 HOURS UNDER ANY CIRCUMSTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE BARRICADES TO PREVENT TRAFFIC FROM USING THE DRIVEWAYS DURING THIS PERIOD.
- WHEN REMOVING PAVEMENT, CURB AND GUTTER, SHOULDER, AND/OR ANY OTHER STRUCTURES, THE USE OF ANY TYPE OF CONCRETE BREAKERS WHICH MIGHT DAMAGE UNDERGROUND PUBLIC OR PRIVATE UTILITIES AND BUILDING FOUNDATIONS WILL NOT BE PERMITTED. UNDER NO CIRCUMSTANCES WILL THE USE OF A FROST BALL BE PERMITTED.
- WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK, 5" SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604056-03	FRAME AND GRATE TYPE 11V
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-07	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-04	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
780001-02	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

BOXED ITEMS INDICATE WORK NOT PAID FOR SEPARATELY BUT INCLUDED IN ANOTHER PAY ITEM OR INCLUDED IN THE CONTRACT.

FILE NAME = g:\ch11\0233\road\sheeta\G-102-GenNotes.dwt	USER NAME = USER	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE PARKWAY GENERAL NOTES AND HIGHWAY STANDARDS		F.A.U. RTE. 1103	SECTION 11-00106-00-RS	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 2	
PLOT SCALE = 69.9996 ft / IN.	CHECKED - DWB	REVISED -	REVISED -		NOT TO SCALE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 63637			
PLOT DATE = 9/8/2011	DATE - 9/9/2011	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES				0005 ROADWAY 70% STP 30% LA
* CODE NO	PAY ITEM	UNIT	QUANTITY	
20200100	EARTH EXCAVATION	CU YD	196	196
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	170	170
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1,760	1,760
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	22	22
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	22	22
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	22	22
25200110	SODDING, SALT TOLERANT	SO YD	1,760	1,760
25200200	SUPPLEMENTAL WATERING	UNIT	5	5
28000510	INLET FILTERS	EACH	34	34
31101180	SUBBASE GRANULAR MATERIAL, TYPE B 2"	SO YD	3,237	3,237
35102100	AGGREGATE BASE COURSE, TYPE B 9"	SO YD	148	148
35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SO YD	336	336
35800100	PREPARATION OF BASE	SO YD	29,700	29,700
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5,940	5,940
40600300	AGGREGATE (PRIME COAT)	TON	119	119
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	30	30
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	207	207
40600990	TEMPORARY RAMP	SO YD	414	414
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	25	25
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	3,327	3,327
42001300	PROTECTIVE COAT	SO YD	3,023	3,023
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	992	992
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	7,285	7,285
42400800	DETECTABLE WARNINGS	SO FT	378	378
44000100	PAVEMENT REMOVAL	SO YD	522	522
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SO YD	29,700	29,700
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	1,639	1,639
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	5,280	5,280
44000600	SIDEWALK REMOVAL	SO FT	2,643	2,643
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SO YD	743	743
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SO YD	743	743
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SO YD	743	743
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SO YD	743	743
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	4	4
60404805	FRAMES AND GRATES, TYPE IIV	EACH	5	5
60406100	FRAMES AND LIDS, TYPE I, CLOSED LID	EACH	5	5
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5,280	5,280
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	5
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	4	4
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1,657	1,657
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	378	378
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	7,969	7,969
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1,252	1,252
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	552	552
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	165	165
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	455	455

SUMMARY OF QUANTITIES				0005 ROADWAY 70% STP 30% LA
* CODE NO	PAY ITEM	UNIT	QUANTITY	
72000100	SIGN PANEL - TYPE I	SO FT	9	9
72900100	METAL POST - TYPE A	FOOT	30	30
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	13,281	13,281
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,042	1,042
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	240	240
78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SO FT	630	630
78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	1,044	1,044
78004250	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 12"	FOOT	680	680
78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	274	274
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	100	100
88600600	DETECTOR LOOP REPLACEMENT	FOOT	597	597
X4060826	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,664	1,664
X2800510	INLET FILTER CLEANING	EACH	68	68
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	1	1
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	6	6
Z0004530	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8"	SO YD	128	128
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	28	28
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	402	402
Z0042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	CU YD	50	50
** Z0076600	TRAINEES	HOOR	500	500

* SPECIALTY ITEM

** TRAINEES CONSTRUCTION
TYPE CODE = 0042

FILE NAME =
g:\ch11\0839\ood\sheeta\G-102A-500.SHT

USER NAME = USER
DESIGNED -
DRAWN - CEC
CHECKED - DWB
PLOT SCALE = 69.9996 Ft / IN.
PLOT DATE = 9/8/2011

DESIGNED -
DRAWN - CEC
CHECKED - DWB
DATE - 9/9/2011

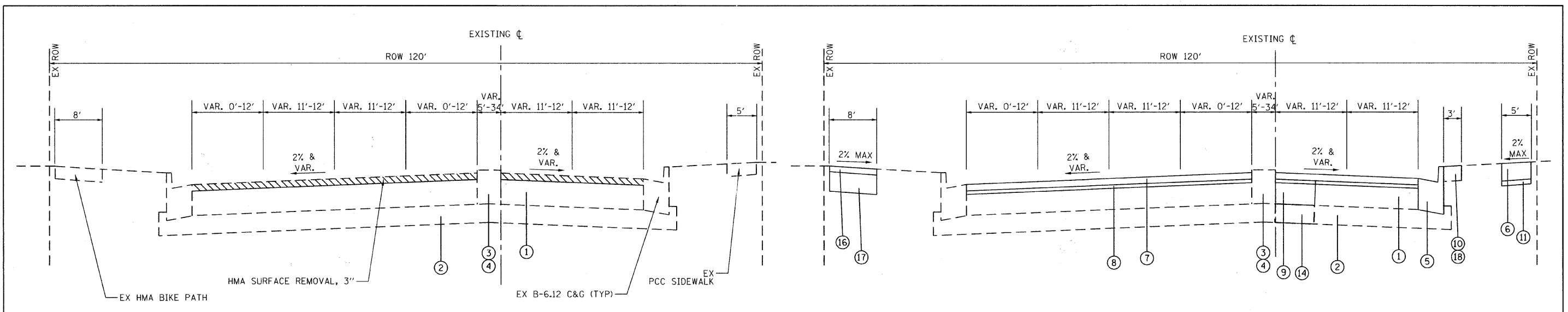
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STATE PARKWAY
SUMMARY OF QUANTITIES

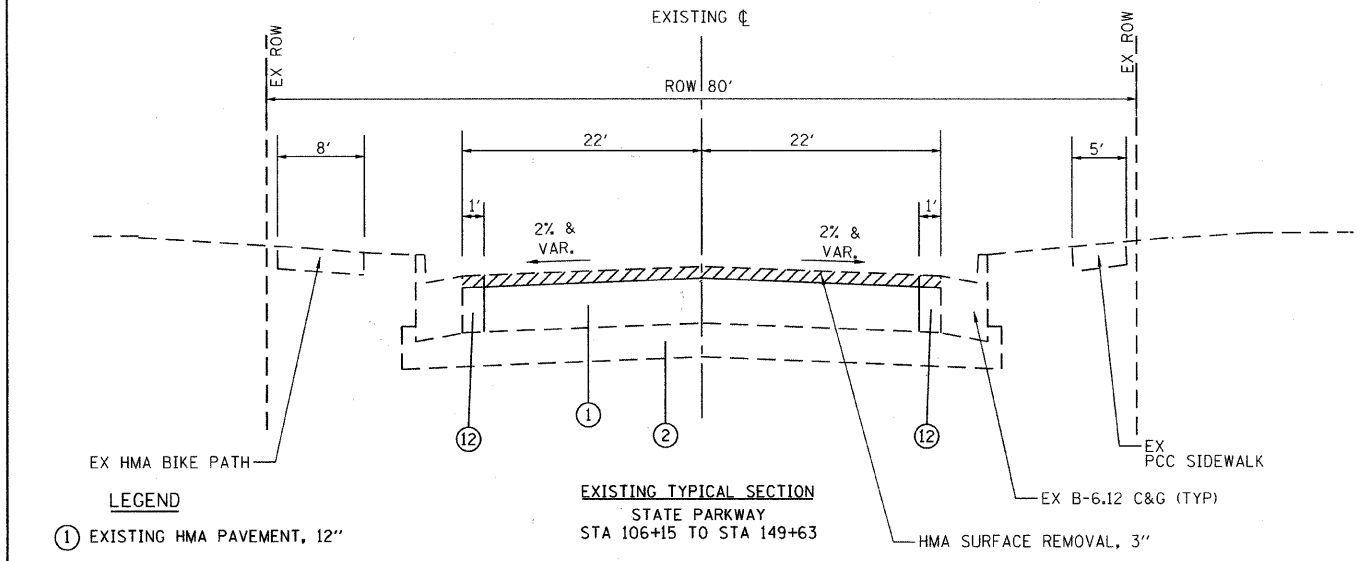
NOT TO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	11-00106-00-RS	COOK	19	3
CONTRACT NO. 63637				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION
STATE PARKWAY
STA 101+11 TO STA 106+15
STA 149+63 TO STA 154+38

PROPOSED TYPICAL SECTION
STATE PARKWAY
STA 101+11 TO STA 112+62
STA 127+30 TO STA 154+38



EXISTING TYPICAL SECTION
STATE PARKWAY
STA 106+15 TO STA 149+63

PROPOSED TYPICAL SECTION
STATE PARKWAY
STA 112+62 TO STA 127+30

LEGEND

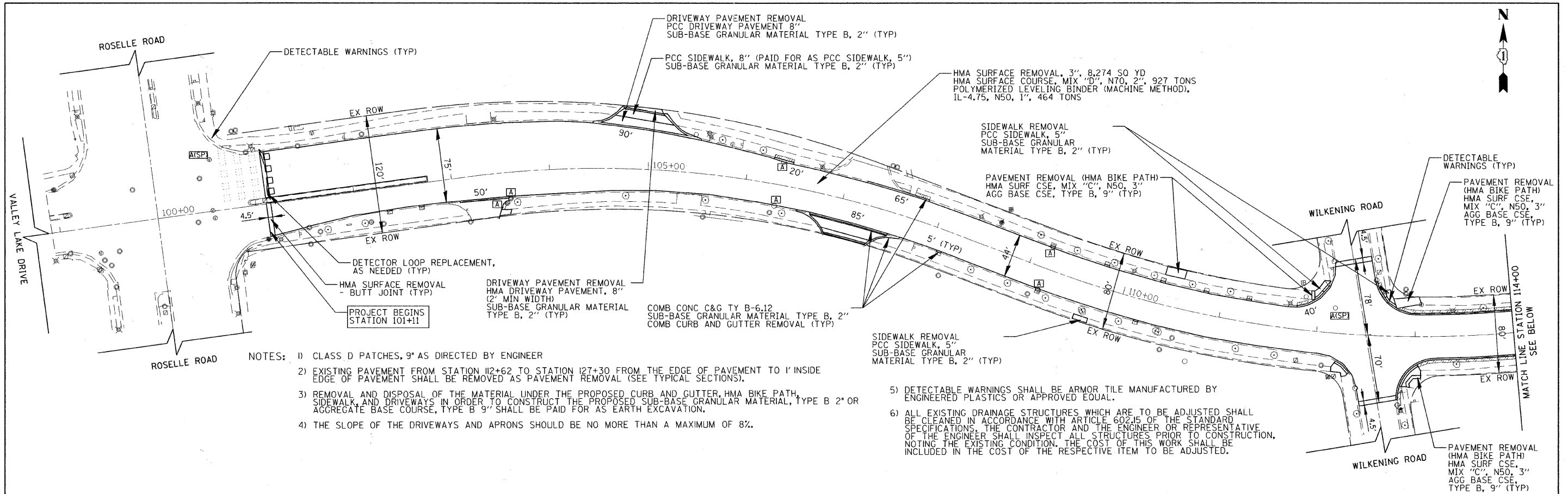
- ① EXISTING HMA PAVEMENT, 12"
- ② EXISTING SUBBASE GRAN. MAT'L., TYPE B, 6"
- ③ EXISTING MOUNTABLE MEDIAN (AT ROSELLE ROAD)
- ④ EXISTING LANDSCAPED BARRIER MEDIAN (AT PLUM GROVE ROAD)
- ⑤ COMBINATION CURB & GUTTER REMOVAL (REMOVAL AND DISPOSAL OF THE MATERIAL UNDER THE PROPOSED CURB AND GUTTER LOCATION IN ORDER TO INSTALL THE PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B 2" UNDER THE PROPOSED CURB AND GUTTER SHALL BE PAID FOR AS EARTH EXCAVATION) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑥ SIDEWALK REMOVAL AND PCC SIDEWALK 5", REMOVE AND REPLACE AS DIRECTED BY ENGINEER
- ⑦ HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑧ LEVELING BINDER (MACHINE METHOD), N70, 1"
- ⑨ CLASS D PATCHES, 9", AS DIRECTED BY THE ENGINEER
- ⑩ SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4"
- ⑪ SUB-BASE GRANULAR MATERIAL, TYPE B 2"
- ⑫ PAVEMENT REMOVAL
- ⑬ SAWCUT FULL DEPTH OF EXISTING PAVEMENT (INCLUDED IN THE COST OF PAVEMENT REMOVAL)
- ⑭ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH POROUS GRANULAR EMBANKMENT, SUBGRADE AS DIRECTED BY THE ENGINEER
- ⑮ PORTLAND CEMENT CONCRETE BASE COURSE 9" (POURED MONOLITHICALLY WITH THE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12)
- ⑯ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 3", AS DIRECTED BY ENGINEER
- ⑰ AGGREGATE BASE COURSE, TYPE B 9", AS DIRECTED BY ENGINEER
- ⑱ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL TO REMOVE EXISTING TOPSOIL AND SOD

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE CONTRACTOR SHALL MILL BEFORE PATCHING.

MIXTURE TYPE	AIR VOIDS @ Ndes
HMA SURFACE COURSE, MIX "D", N70 (IL 9.5mm), 2" (ROADWAY)	4% @ 70 GYRATIONS
HMA SURFACE COURSE, MIX "C", N50 (IL 9.5mm), 3" (BIKE PATH)	4% @ 50 GYRATIONS
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"	4% @ 50 GYRATIONS
CLASS D PATCHES (HMA BINDER IL-19 MM), 9" (IN 3 LIFTS)	4% @ 70 GYRATIONS

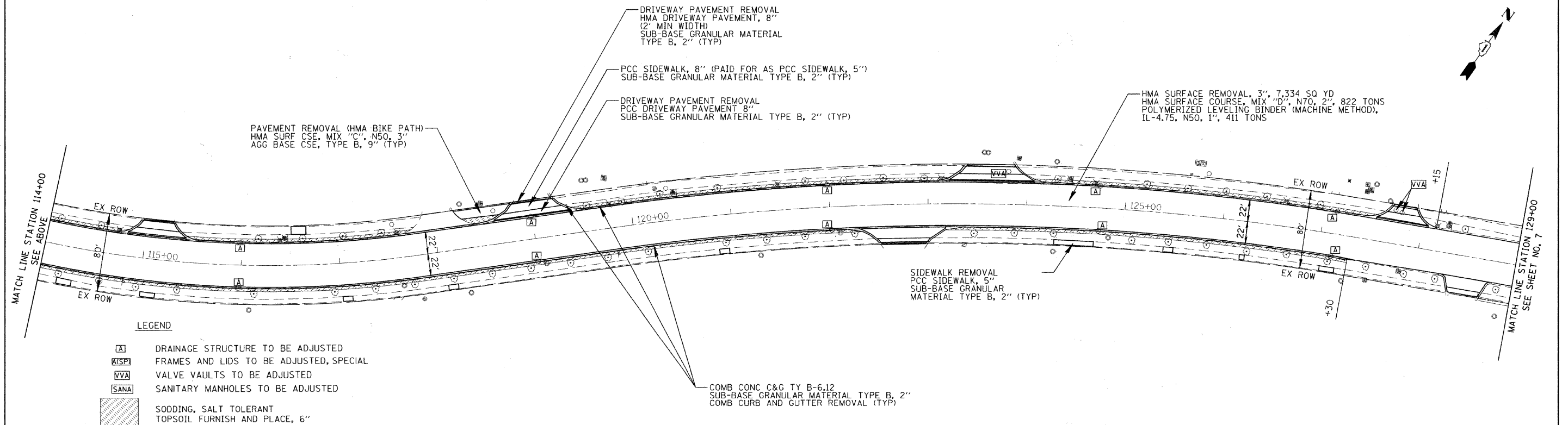
NOTES: 1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2) THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.



NOTES: 1) CLASS D PATCHES, 9" AS DIRECTED BY ENGINEER

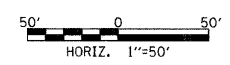
- 2) EXISTING PAVEMENT FROM STATION 112+62 TO STATION 127+30 FROM THE EDGE OF PAVEMENT TO 1' INSIDE EDGE OF PAVEMENT SHALL BE REMOVED AS PAVEMENT REMOVAL (SEE TYPICAL SECTIONS).
- 3) REMOVAL AND DISPOSAL OF THE MATERIAL UNDER THE PROPOSED CURB AND GUTTER, HMA BIKE PATH, SIDEWALK, AND DRIVEWAYS IN ORDER TO CONSTRUCT THE PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B 2" OR AGGREGATE BASE COURSE, TYPE B 9" SHALL BE PAID FOR AS EARTH EXCAVATION.
- 4) THE SLOPE OF THE DRIVEWAYS AND APRONS SHOULD BE NO MORE THAN A MAXIMUM OF 8%.

- 5) DETECTABLE WARNINGS SHALL BE ARMOR TILE MANUFACTURED BY ENGINEERED PLASTICS OR APPROVED EQUAL.
- 6) ALL EXISTING DRAINAGE STRUCTURES WHICH ARE TO BE ADJUSTED SHALL BE CLEANED IN ACCORDANCE WITH ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR AND THE ENGINEER OR REPRESENTATIVE OF THE ENGINEER SHALL INSPECT ALL STRUCTURES PRIOR TO CONSTRUCTION, NOTING THE EXISTING CONDITION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE ITEM TO BE ADJUSTED.



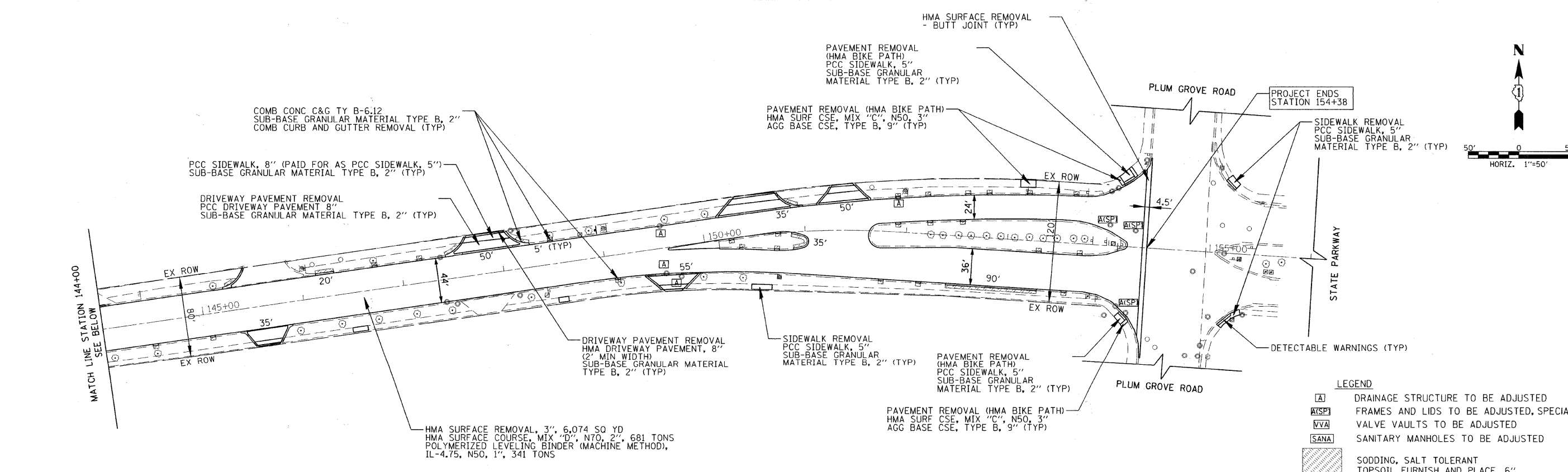
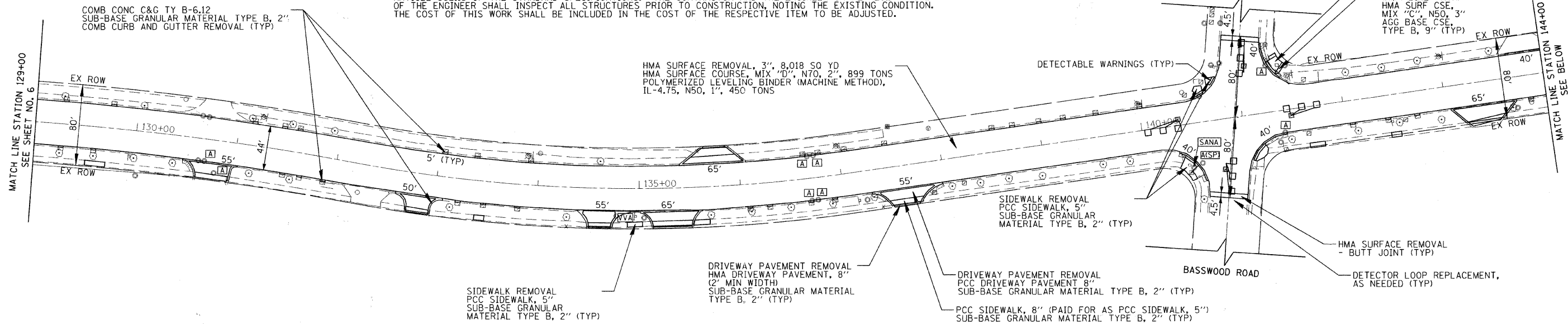
LEGEND

[A]	DRAINAGE STRUCTURE TO BE ADJUSTED
[ATSP]	FRAMES AND LIDS TO BE ADJUSTED, SPECIAL
[VVA]	VALVE VAULTS TO BE ADJUSTED
[SANA]	SANITARY MANHOLES TO BE ADJUSTED
[Hatched Box]	SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 6"

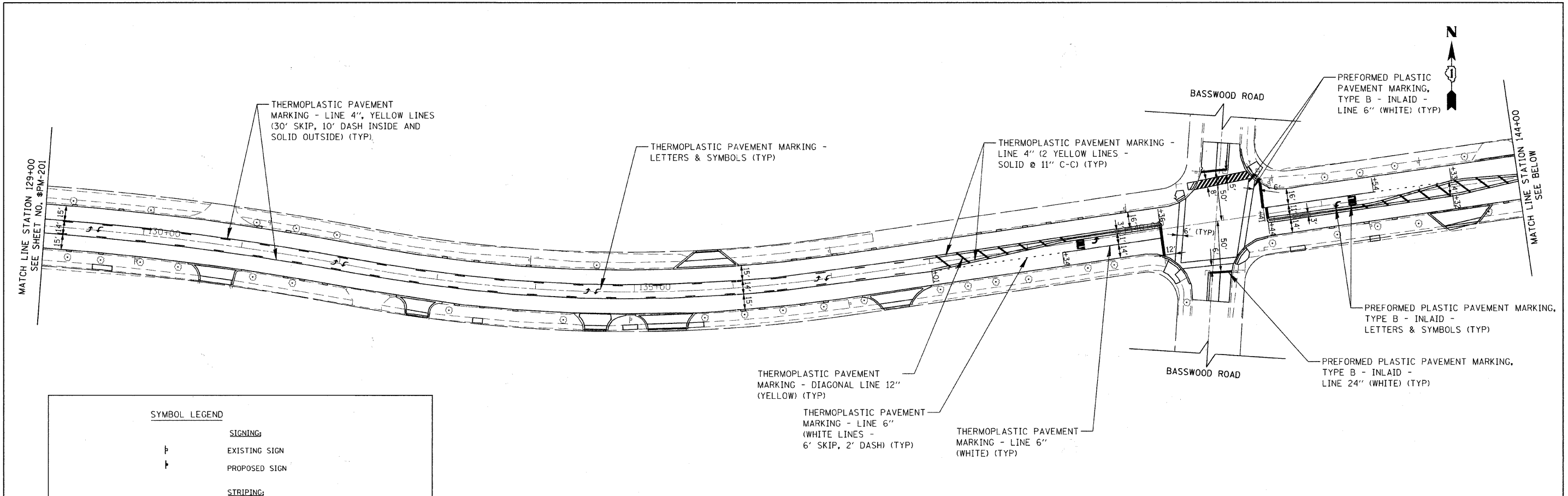


FILE NAME = g:\ch11\0033\road\sheet\APP-201.sht	USER NAME = _USER_	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE PARKWAY IMPROVEMENT PLAN	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 50.00' / IN.	DRAWN - CEC	CHECKED - DWB	REVISED -			1103	11-00106-00-RS	COOK	19	6		
PLOT DATE = 9/8/2011	DATE - 9/9/2011	REVISED -	REVISED -			CONTRACT NO. 63637						
						SCALE: 1"=50'		SHEET NO. 1 OF 2 SHEETS		STA. 100+57 TO STA. 129+00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

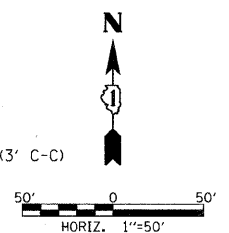
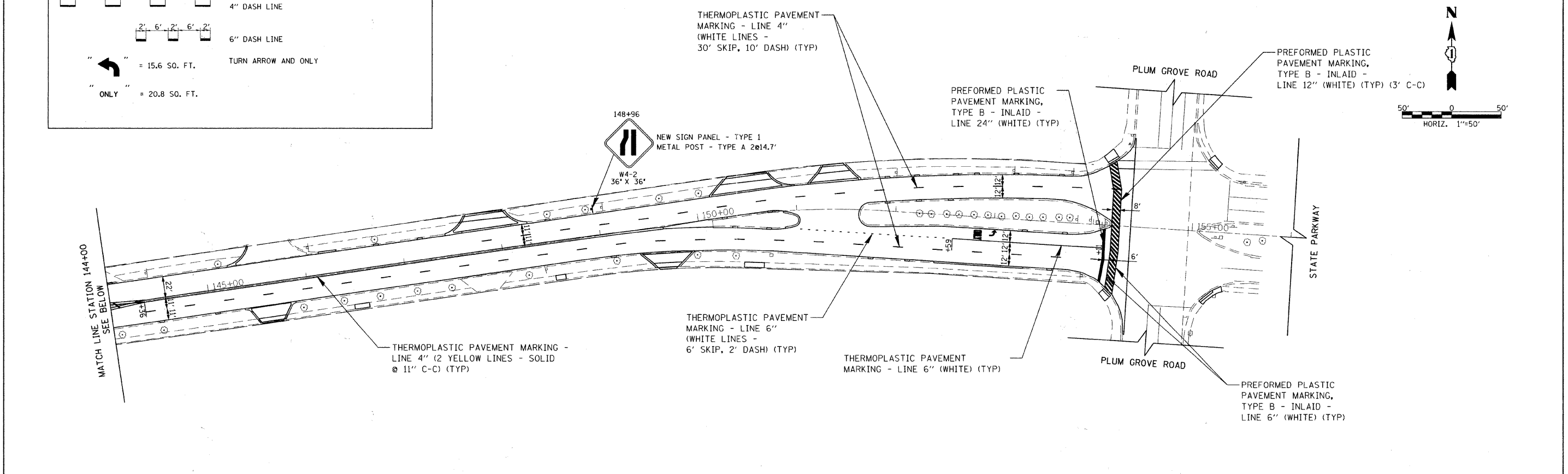
- NOTES: 1) CLASS D PATCHES, 9" AS DIRECTED BY ENGINEER
 2) REMOVAL AND DISPOSAL OF THE MATERIAL UNDER THE PROPOSED CURB AND GUTTER, HMA BIKE PATH, SIDEWALK, AND DRIVEWAYS IN ORDER TO CONSTRUCT THE PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 2" OR AGGREGATE BASE COURSE TYPE B, 9" SHALL BE PAID FOR AS EARTH EXCAVATION.
 3) THE SLOPE OF THE DRIVEWAYS AND APRONS SHOULD BE NO MORE THAN A MAXIMUM OF 8%.
 4) DETECTABLE WARNINGS SHALL BE ARMOR-TILE MANUFACTURED BY ENGINEERED PLASTICS OR APPROVED EQUAL.
 5) ALL EXISTING DRAINAGE STRUCTURES WHICH ARE TO BE ADJUSTED SHALL BE CLEANED IN ACCORDANCE WITH ARTICLE 602.15 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR AND THE ENGINEER OR REPRESENTATIVE OF THE ENGINEER SHALL INSPECT ALL STRUCTURES PRIOR TO CONSTRUCTION, NOTING THE EXISTING CONDITION. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE ITEM TO BE ADJUSTED.



FILE NAME = g:\ch11\0239\road\sheet\APP-202.sht	USER NAME = .USER.	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE PARKWAY IMPROVEMENT PLAN	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 50,000' / IN.	CHECKED - DWB	DATE - 9/9/2011	REVISED -			1103	11-00106-00-RS	COOK	19	7	
PLOT DATE = 9/8/2011	DATE - 9/9/2011	REVISED -	SCALE: 1"=50'			SHEET NO. 2 OF 2 SHEETS	STA. 129+00 TO STA. 154+38	CONTRACT NO. 63637			
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



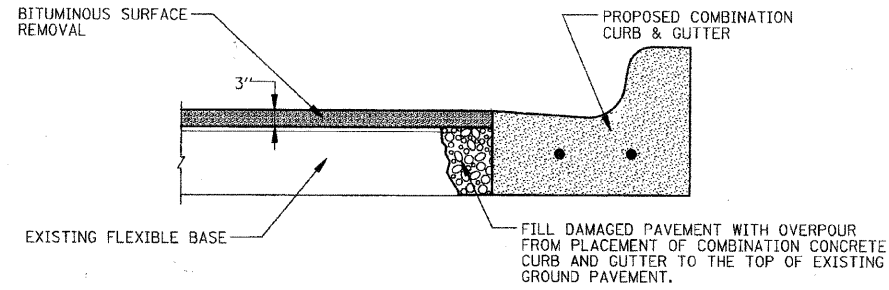
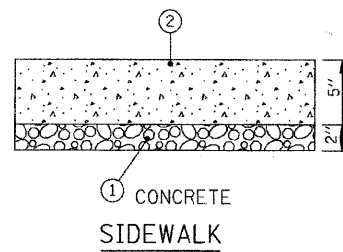
SYMBOL LEGEND	
SIGNING:	
	EXISTING SIGN
	PROPOSED SIGN
STRIPING:	
	4" DASH LINE
	6" DASH LINE
	= 15.6 SO. FT. TURN ARROW AND ONLY
	= 20.8 SO. FT. ONLY



FILE NAME = g:\ch11\0039\road\sheets\PM-502.sht	USER NAME = _USER_	DESIGNED - CEC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STATE PARKWAY PAVEMENT MARKING PLAN			F.A.J. RTE. 1103	SECTION 11-00106-00-RS	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 9
PLOT SCALE = 5/8" = 1' IN.					CHECKED - DWB	SCALE: 1"=50'	SHEET NO. 2 OF 2 SHEETS	STA. 129+00	TO STA. 156+03	CONTRACT NO. 63637		
PLOT DATE = 9/8/2011					DATE - 9/9/2011	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						
					REVISED -							

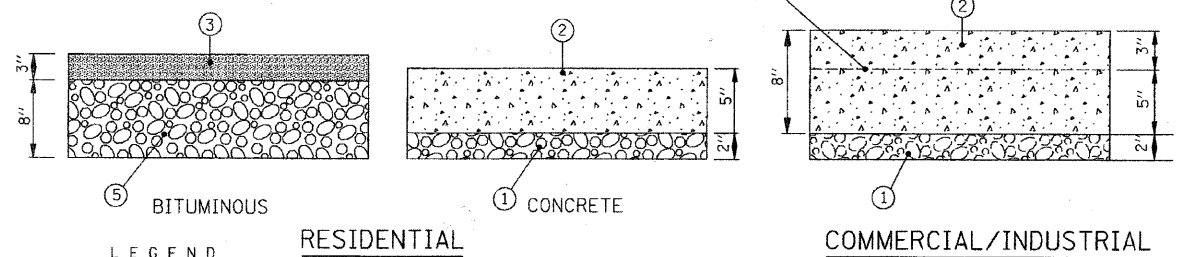
DATE _____ BY _____
 SUPERVISOR _____
 ALIGNED CHECKED _____
 PLAN _____
 NOTE BOOK _____
 NO. _____

DATE _____ BY _____
 SUPERVISOR _____
 CHECKED _____
 PROFILE _____
 NOTE BOOK _____
 NO. _____



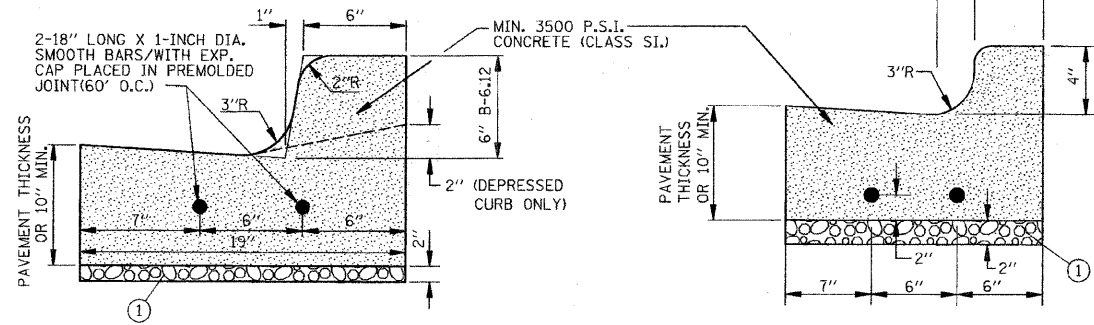
**PAVEMENT RESTORATION DETAIL
 ADJACENT TO REMOVED AND REPLACED CURB & GUTTER**

ALL WORK INCLUDED IN THE COST OF THE ASSOCIATED CURB AND GUTTER AND CURB AND GUTTER REMOVAL PAY ITEMS. (AREAS WITH NO PAVEMENT IMPROVEMENTS)



- LEGEND**
- ① SUB-BASE GRANULAR MATERIAL, TYPE B
 - ② CLASS SI CONCRETE
 - ③ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50
 - ④ 6" x 6" #6 WIRE MESH
 - ⑤ AGGREGATE BASE COURSE, TYPE B

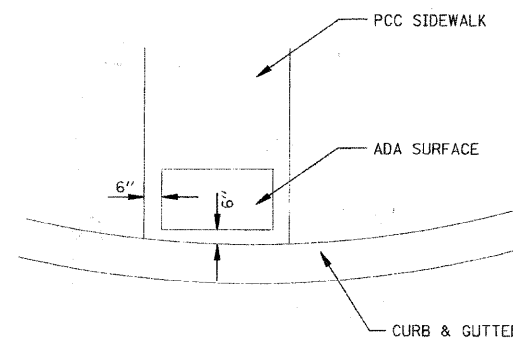
DRIVEWAYS/APRONS



NOTE:
 USE TWO NO. 5 RE-BARS FOR 10' ON EITHER SIDE OF ALL UTILITY TRENCHES. INSTALL 1" EXPANSION JOINT AT POINTS OF CURVATURE, AT CONSTRUCTION JOINTS AND AT A DISTANCE NOT TO EXCEED 60'. CONTRACTION JOINTS SHALL BE PLACED BETWEEN EXPANSION JOINTS AT DISTANCES NOT TO EXCEED 15'.

**COMBINATION CURB & GUTTER
 TYPE B-6.12**

**COMBINATION CURB & GUTTER
 TYPE B (MODIFIED)**



**DETECTABLE WARNING DETAIL
 NOT TO SCALE**

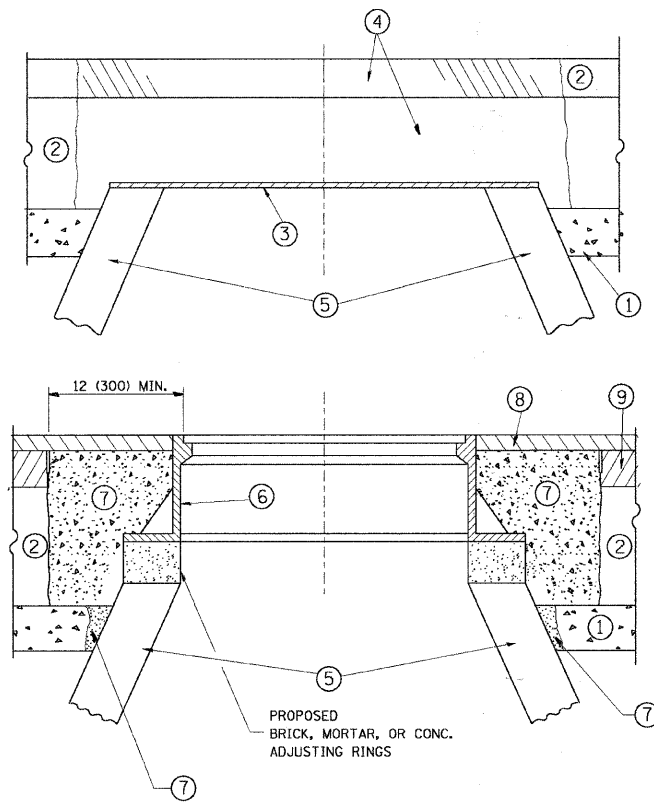
FILE NAME =	USER NAME =	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE - 9/9/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**STATE PARKWAY
 VILLAGE DETAILS**

F.A.U. RTE. 1103	SECTION 11-00106-00-RS	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 10
CONTRACT NO. 63637			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT M-9003703	

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 - B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 - C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
- * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS.

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "FRAMES AND LIDS TO BE ADJUSTED, SPECIAL" NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

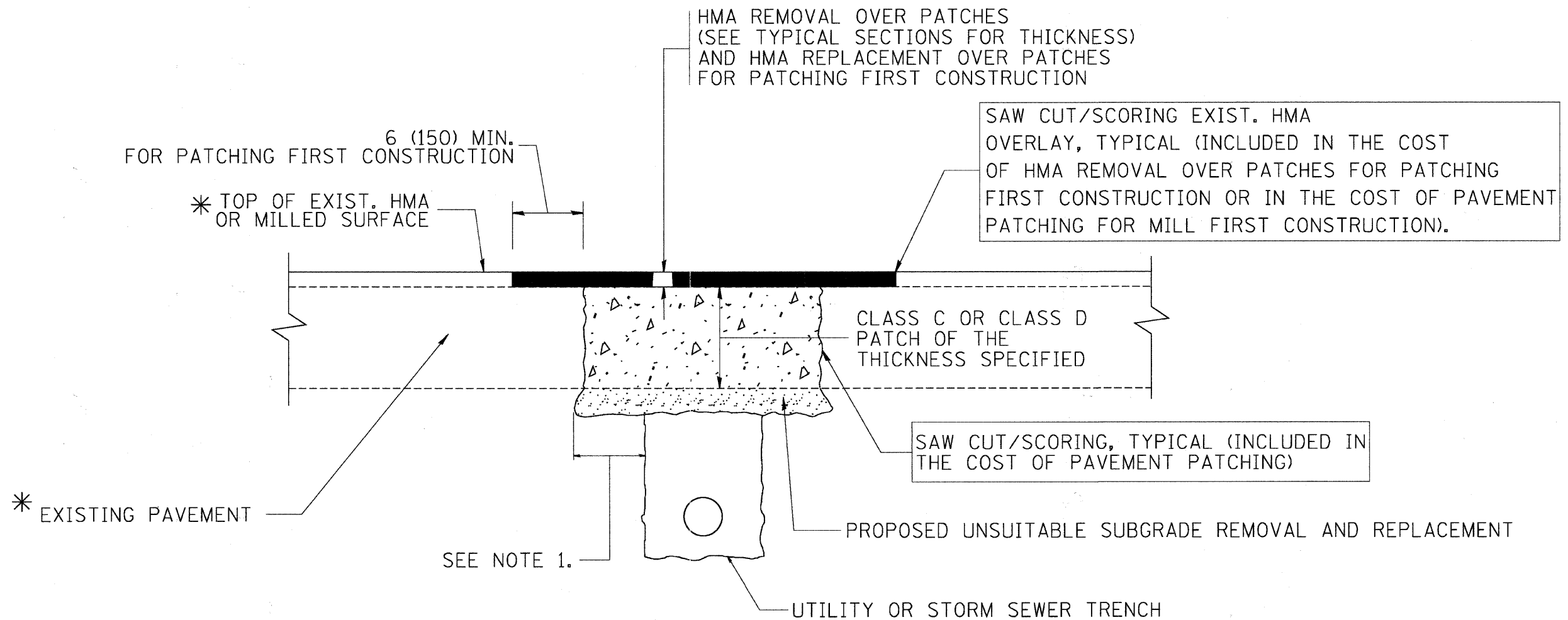
THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = lejao	DESIGNED - R. SHAH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING	F.A. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
01\pw_work\pw_dot\lejao\d0105315\bd08.dwg		DRAWN -	REVISED - R. WIEDEMAN 05-14-04			1103	11-00106-00-RS	COOK	19	11	
PLOT SCALE = 49.9999' / 1" IN.		CHECKED -	REVISED - R. BORO 01-01-07			BD600-03 (BD-8)		CONTRACT NO. 63637			
PLOT DATE = 3/18/2011		DATE - 10-25-94	REVISED - R. BORO 03-09-11			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS/FED. AID PROJECT		



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

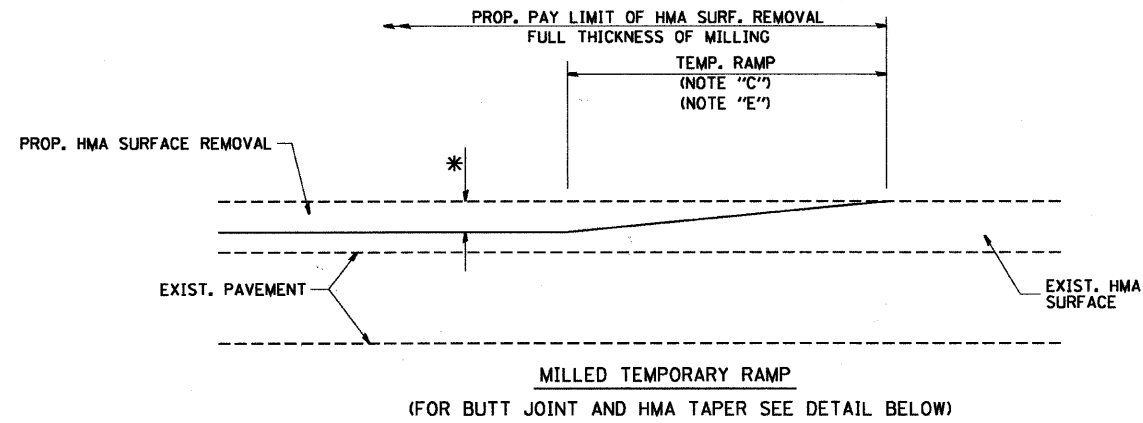
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

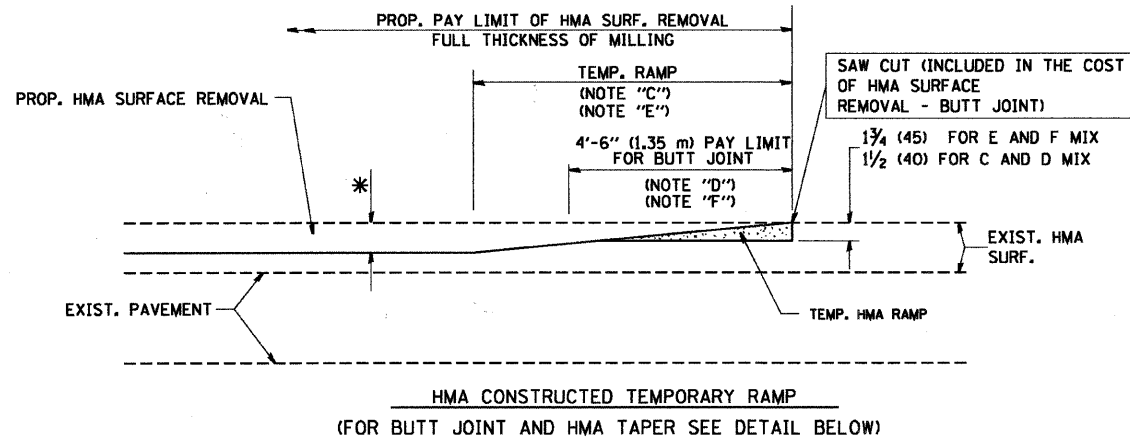
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = c:\projects\dstsd22x34\bd22.dgn	USER NAME = bouerd	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT		F.A. RTE. 1103	SECTION 11-00106-00-RS	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 12
PLOT SCALE = 58.000 "/ IN.	CHECKED -	REVISED - R. BORO 01-01-07	REVISED - R. BORO 09-04-07		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	BD400-04 (BD-22)		CONTRACT NO. 63637	
PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

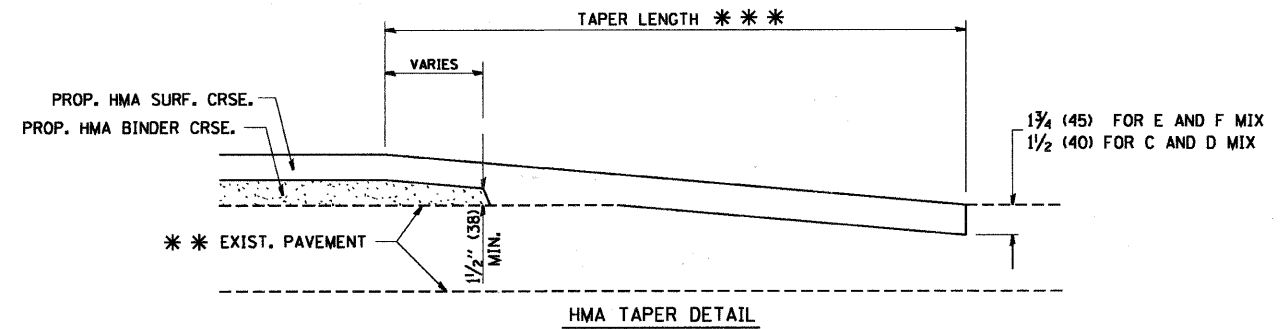
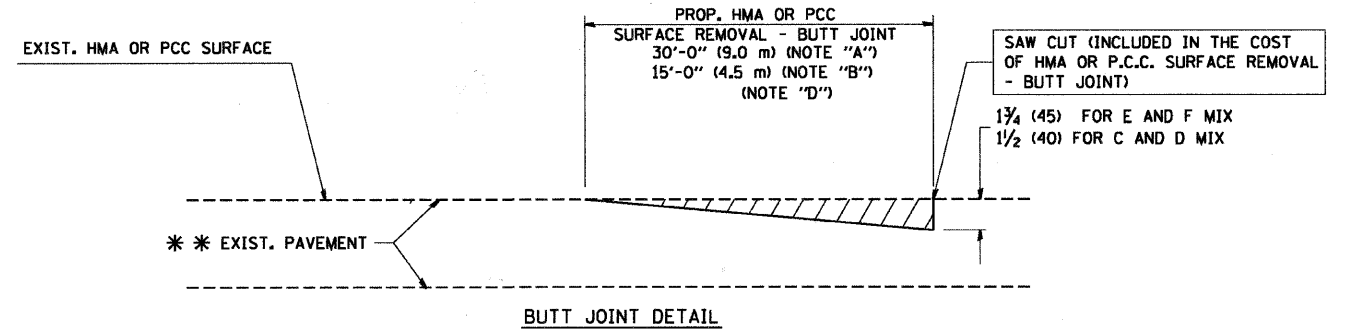


OPTION 1



OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

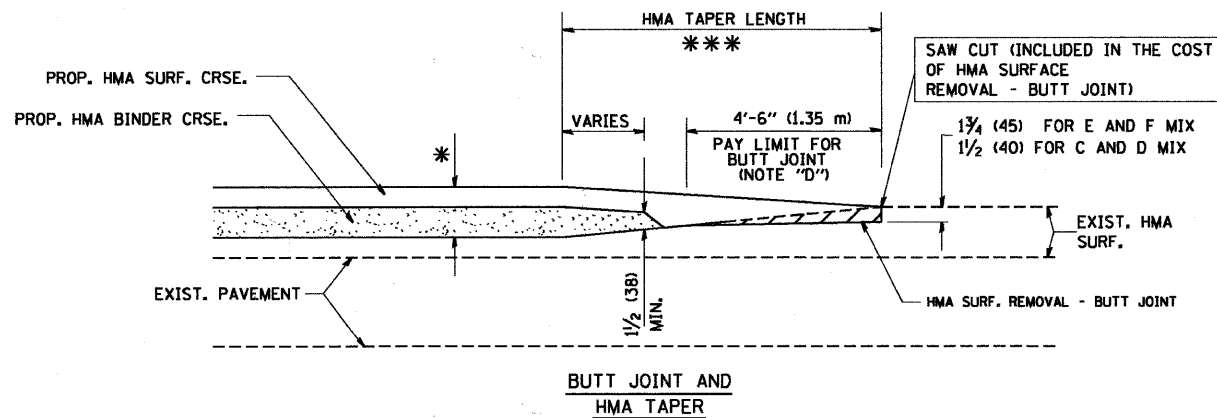
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

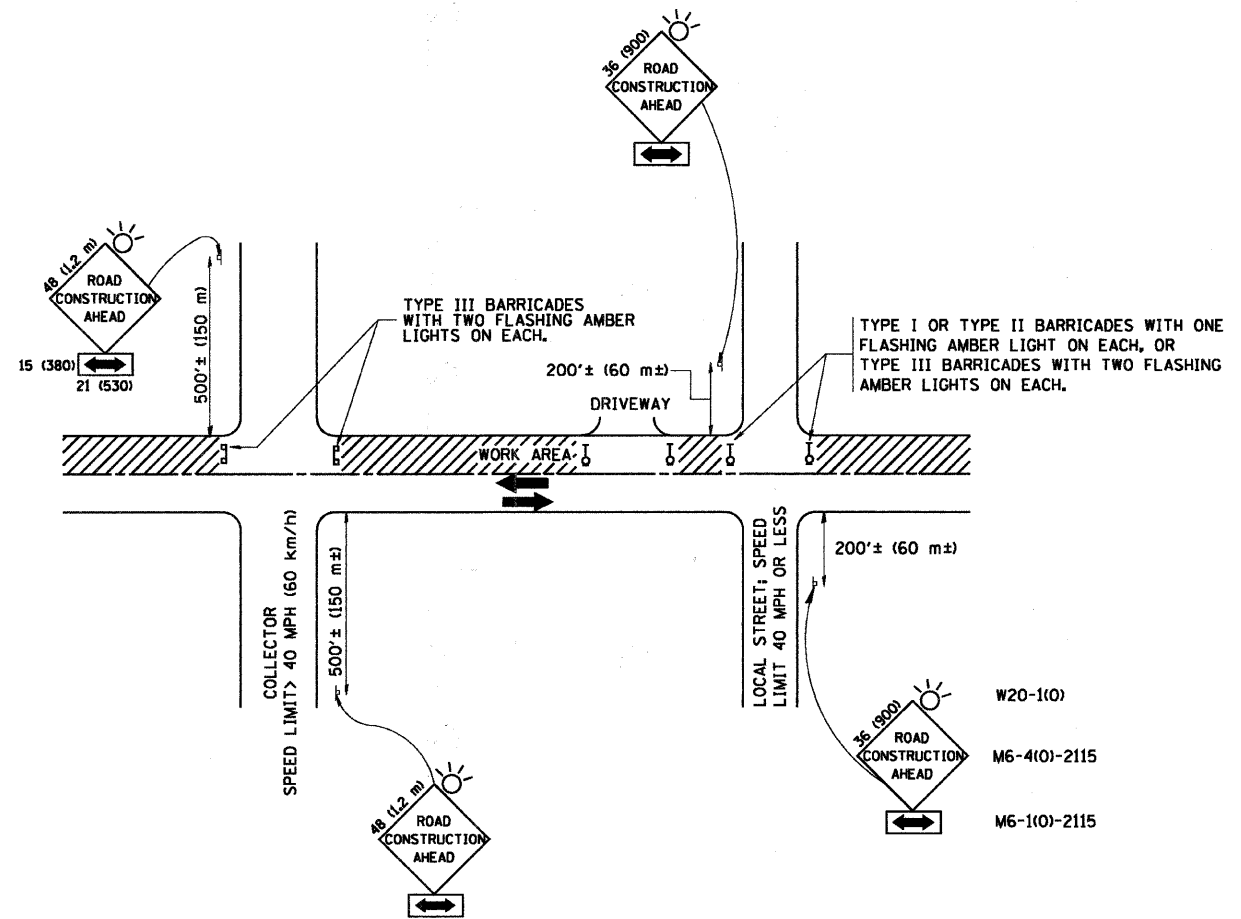
FILE NAME =
 W:\data\td\22x34\bd32.dgn

USER NAME = geglennob	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT DATE = 1/4/2008	CHECKED -	REVISED - M. GOMEZ 04-06-01
	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS			
SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1103	11-00106-00-RS	COOK	19	13
BD400-05 BD32			CONTRACT NO. 63637	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



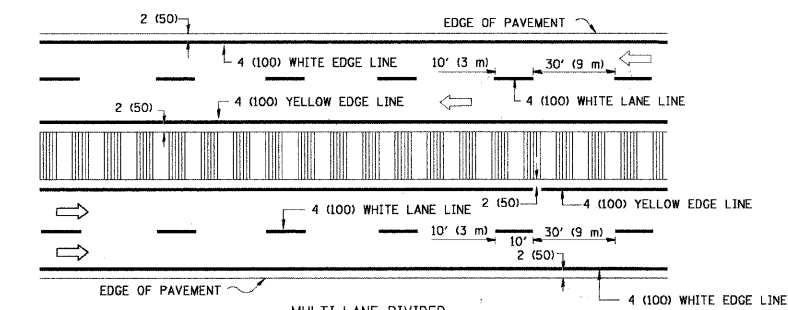
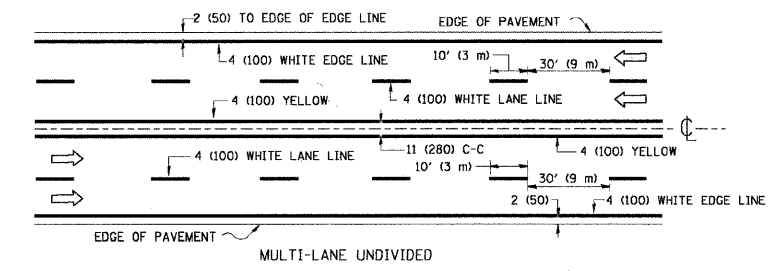
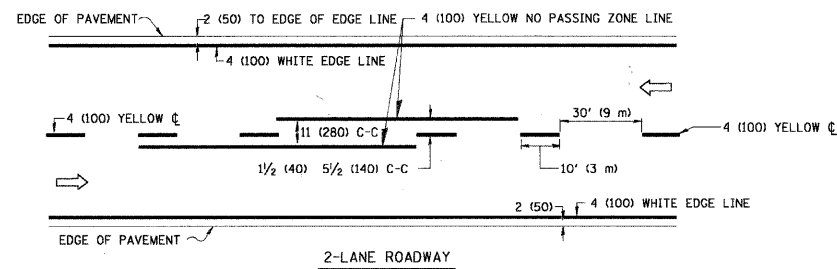
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS:
 - 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:
 - USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

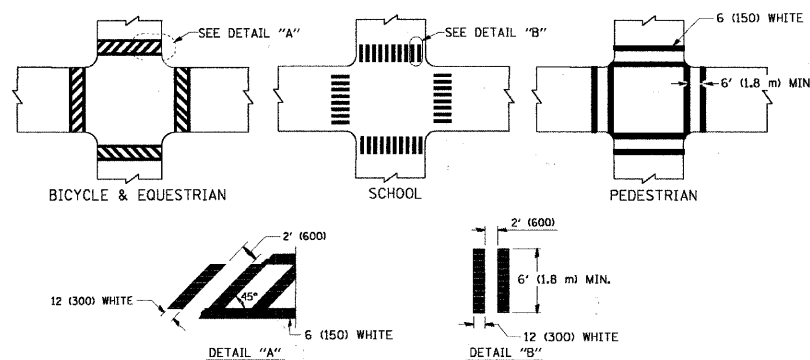
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\dstatd\22x34\tdl0.dgn	USER NAME = geglent	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			F.A. RTE. 1103	SECTION 11-00106-00-RS	COUNTY COOK	TOTAL SHEETS 19	SHEET NO. 14
	PLOT SCALE = 50,000' / IN.	DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-10		CONTRACT NO. 63637		
	PLOT DATE = 1/4/2008	CHECKED -	REVISED - A. HOUSEH 10-15-96		FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT							
		DATE - 06-89	REVISED - T. RAMMACH 01-06-00									

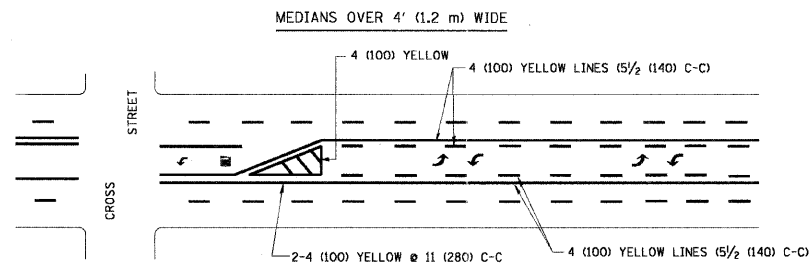
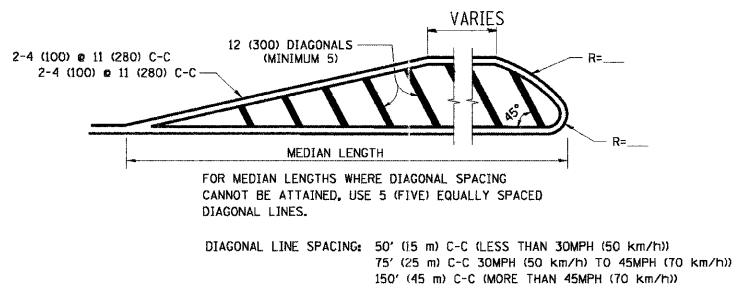
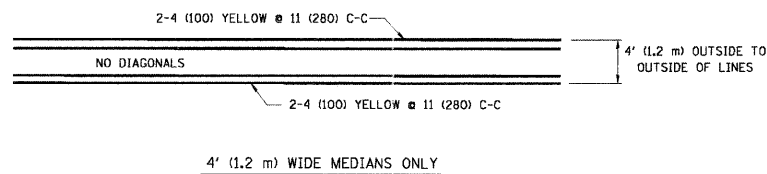


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

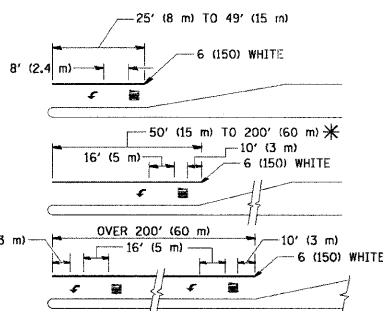
TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING

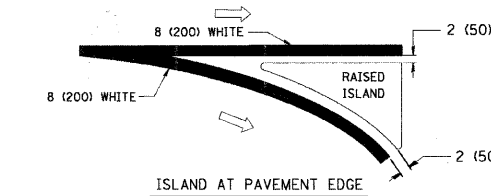
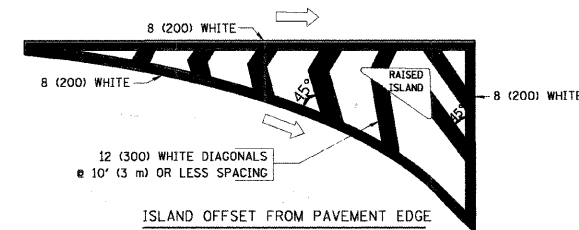


TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL))	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C (30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

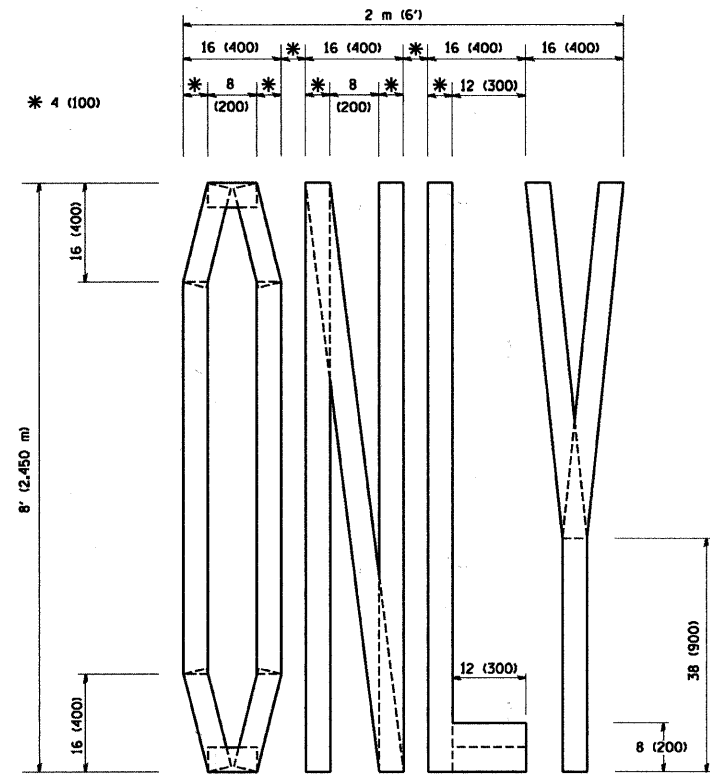
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = dravakosgn	DESIGNED - EVERS	REVISED - T. RAMMACHER 10-27-94
ca:\pwwork\pwwork\dravakosgn\d0189315\3.dgn		DRAWN -	REVISED - C. JUCIUS 09-09-09
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/9/2009	DATE - 03-19-90	REVISED -

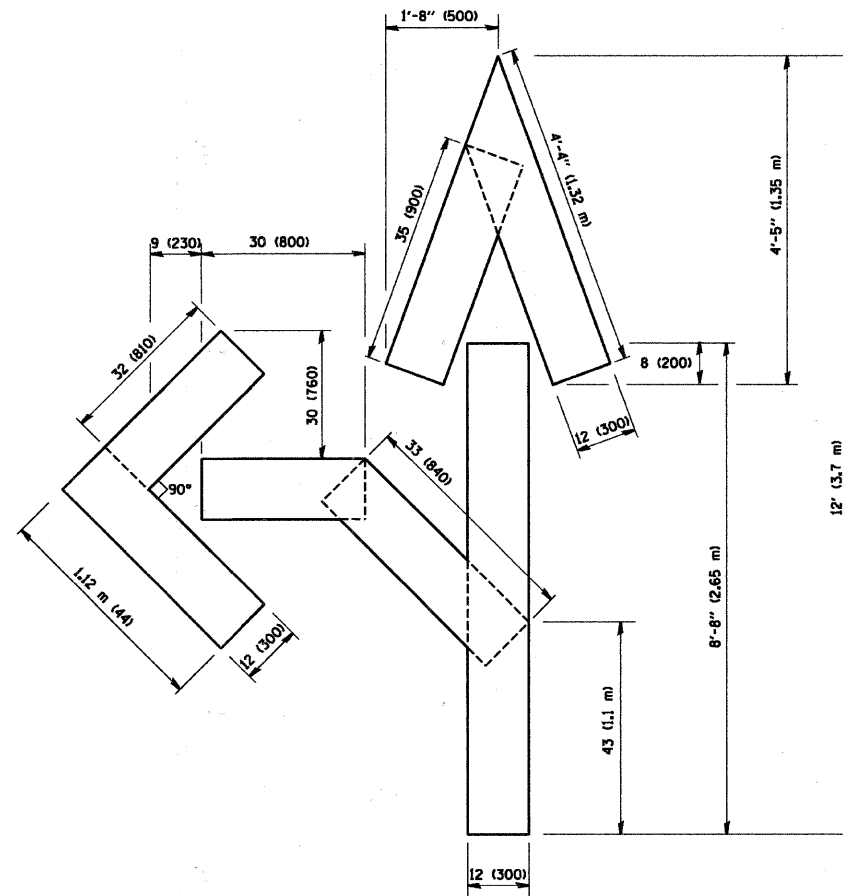
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

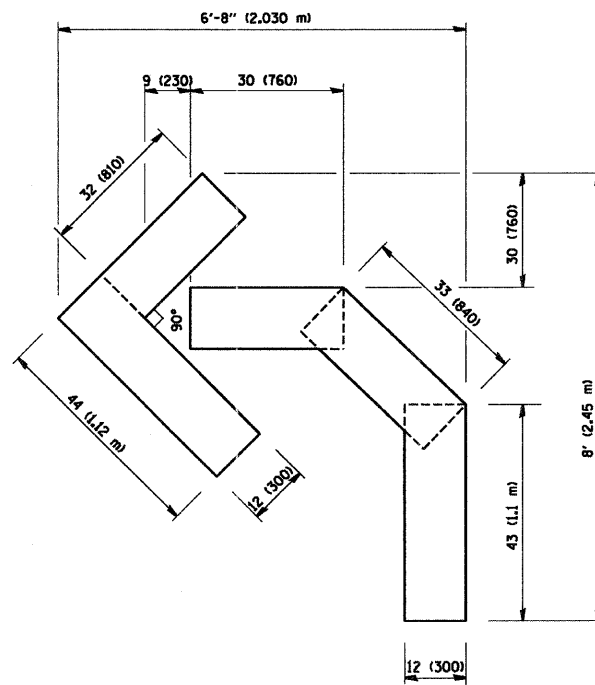
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	11-00106-00-RS	COOK	19	15
1103	TC-13	CONTRACT NO. 63637		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



QUANTITY
4 (100) LINE = 64.1 ft. (19.7 m)
21.1 sq. ft. (1.97 sq. m)



QUANTITY
4 (100) LINE = 82.5 ft. (25.3 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY
4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.39 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =
W:\diststd\22x34\tel6.dgn

USER NAME = goglienobt
PLOT SCALE = 58.0000' / IN.
PLOT DATE = 1/4/2008

DESIGNED -
DRAWN -
CHECKED -
DATE - 09-18-94

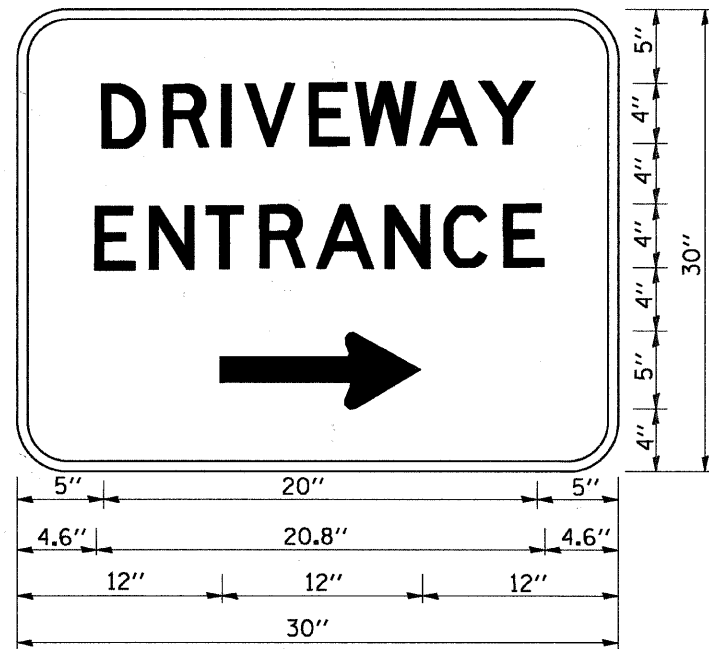
REVISED -T. RAMMACHER 06-05-96
REVISED -T. RAMMACHER 11-04-97
REVISED -T. RAMMACHER 03-02-98
REVISED -E. GOMEZ 08-28-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
FOR TRAFFIC STAGING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	11-00106-00-RS	COOK	19	16
1103	TC-16	CONTRACT NO. 63637		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
 PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
 SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
 AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
 FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME = W:\diststd\22x34\to26.dgn	USER NAME = geglionabt	DESIGNED -	REVISED - C. JUCIUS 02-15-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 50.000' / IN.	DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 1	OF 1	SHEETS	STA.	TO STA.	1103	TC-26	COOK	19	18
	PLOT DATE = 1/4/2008	CHECKED -	REVISED -		CONTRACT NO. 63637										
		DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT										

