

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2012-087-1	COOK	18	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 60W08		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

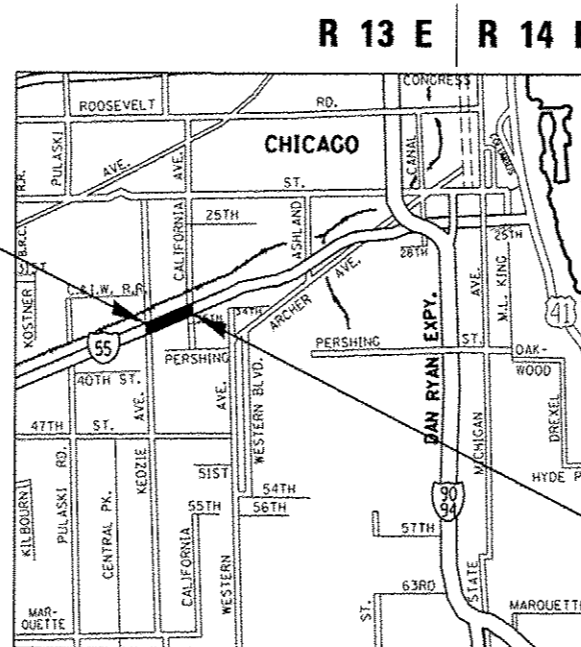
PROJECT LOCATED IN THE CITY OF CHICAGO

**PROPOSED  
HIGHWAY PLANS**  
F.A.I. 55 / I-55 (STEVENSON EXPY.)  
KEDZIE AVE. TO CALIFORNIA AVE.  
SECTION: 2012-087-1  
PROJECT: CMI-0055(400)  
RESURFACING (INSIDE SHOULDERS)  
COOK COUNTY  
C-91-168-13

D-91-168-13



PROJECT BEGINS  
STA 22+84



**TRAFFIC DATA:**

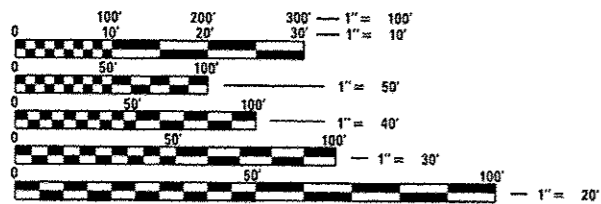
2010 ADT = 100,800 - 178,800  
SPEED LIMIT = 55 MPH

**BRIDGE OMISSIONS AT:**

S. KEDZIE AVE.  
STA. 39+01 TO 40+71

S. CALIFORNIA AVE.  
STA. 67+23 TO 69+97

PROJECT ENDS  
STA. 81+98



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

NORTH, SOUTH AND WEST TOWNSHIPS

PROJECT ENGINEER: JENPAI CHANG (847) 705-4432  
PROJECT MANAGER: KEN ENG (847) 705-4247

GROSS LENGTH OF PROJECT = 5914 LIN FT = 1.12 MILES  
NET LENGTH OF PROJECT = 5470 LIN FT = 1.04 MILES

CONTRACT NO. 60W08

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED February 15, 2013  
John Fortman, DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER  
March 22, 2013  
John D. Baranzelli, PE, acting ENGINEER OF DESIGN AND ENVIRONMENT  
March 22, 2013  
Omer Osman, PE, DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-7	EXISTING AND PROPOSED TYPICAL SECTIONS
8-10	ROADWAY AND PAVEMENT MARKING PLAN
11	DETAILS FOR FRAMES AND LID ADJUSTMENT WITH MILLING
12	PAVEMENT PATCHING FOR HMA SURFACE PAVEMENT
13	BUTT JOINT AND HMA TAPER DETAILS
14	HMA TAPER AT EDGE OF P.C.C. PAVEMENT
15-16	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS
17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONES OPENINGS

STATE STANDARDS

000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS  
 442201-03 CLASS C AND D PATCHES  
 483001-04 P.C.C. SHOULDERS  
 637001-05 CONCRETE BARRIER, DOUBLE FACE, 32 IN. (815 mm) HEIGHT  
 642001-02 SHOULDER RUMBLE STRIPS, 8 IN.  
 701400-06 APPROACH TO LANE CLOSURE, FREEWAY/ EXPRESSWAY  
 701401-07 LANE CLOSURE, FREEWAY/ EXPRESSWAY  
 701411-08 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH  
 701426-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH  
 701901-02 TRAFFIC CONTROL DEVICES  
 704001-07 TEMPORARY CONCRETE BARRIER  
 780001-03 TYPICAL PAVEMENT MARKINGS

GENERAL NOTES - CITY OF CHICAGO

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

ALL CATCH BASINS IN THE CITY OF CHICAGO MUST MEET THE DEPARTMENT OF SEWER STANDARDS.

IN CASE OF DAMAGE TO THE CITY OF CHICAGO SEWER, PRIVATE AND PUBLIC DRAINS, SEWER STRUCTURES AND/ OR BENCH MONUMENTS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DEPARTMENT OF SEWERS AT 312-747-7892 OR 312-747-7893.

BENCH MONUMENT LOCATIONS WITHIN THE LIMITS OF THE IMPROVEMENT CAN BE OBTAINED FROM THE DEPARTMENT OF SEWERS AT 333 SOUTH STATE STREET, SUITE 410, CHICAGO, IL 60604-3971. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF REPLACING ANY BENCH MONUMENT DAMAGED OR DESTROYED DURING CONSTRUCTION.

ALL BROKEN, CRACKED, WORN OR OTHERWISE DAMAGED OR BICYCLE UNSAFE FRAMES AND GRATES OR LIDS ON SEWER STRUCTURES SHALL BE REPLACED WITH NEW DEPARTMENT OF SEWERS' STANDARD FRAMES AND GRATES OR LIDS. OLD FRAMES AND GRATES OR LIDS SHALL BE DELIVERED TO THE DEPARTMENT OF SEWERS AT 39TH STREET AND ASHLAND AVE.

CITY OF CHICAGO WATER VALVE VAULTS AND SEWER STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION WITHOUT WRITTEN PERMISSION FROM THE CITY OF CHICAGO DEPARTMENT OF WATER AND/OR DEPARTMENT OF SEWERS.

PAVEMENT REPLACEMENT AROUND FRAMES AND GRATES OR LIDS WHERE DRAINAGE, WATER MAIN OR ELECTRICAL STRUCTURES ARE ADJUSTED OR RECONSTRUCTED SHALL BE WITH CLASS SI CONCRETE.

GENERAL NOTES:

BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE UTILITY COMPANIES AND THE CITY OF CHICAGO.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CONTRACTOR SHALL CONTRACT EXPRESSWAY TRAFFIC CONTROL SUPERVISOR, STEVE BRINK, AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC (OF THE EXTRUDED TYPE) AND SHOULD BE PLACED IN ACCORDANCE WITH THE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL. (TC-13)

THE RESIDENT ENGINEER SHALL CONTACT REGINA COOPER, EXPRESSWAY FIELD ENGINEER, AT (847) 705-4153, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSION AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

FILE NAME: c:\pwwork\proj\dot\stendpo\02327685\0116	USER NAME: stendpo	DESIGNED: [ ]	REVISED: [ ]	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES</b>		F.A.I. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
		DRAWN: [ ]	REVISED: [ ]		F.A.I. 55/ 1-55 (STEVENSON EXPY.)--KEDZIE AVE. TO CALIFORNIA AVE.		55	2012-087-1	COOK	18	2
		CHECKED: [ ]	REVISED: [ ]		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60W08		
		DATE:	REVISED: [ ]		FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT						

SUMMARY OF QUANTITIES			URBAN 80% FED. 20% STATE TOTAL QUANTITIES		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005					
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	11	11					
40600300	AGGREGATE (PRIME COAT)	TON	53	53					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	20	20					
40600895	CONSTRUCTING TEST STRIP	EACH	1	1					
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1473	1473					
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	198	198					
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	119	119					
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	79	79					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	77	77					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	23	23					
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	9702	9702					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3					
67100100	MOBILIZATION	L SUM	1	1					
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10788	10788					

SUMMARY OF QUANTITIES			URBAN 80% FED. 20% STATE TOTAL QUANTITIES		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005					
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1222	1222					
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	20	20					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	6	6					
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1					
Z0038121	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 2"	SO YD	13149	13149					

\* SPECIALTY ITEMS  
 NON-PARTICIPATING ITEMS

FILE NAME *	USER NAME *	DESIGNED -	REVISED -
DESIGNED BY	CHECKED BY	DRAWN -	REVISED -
DATE	DATE	CHECKED -	REVISED -
DATE	DATE	CHECKED -	REVISED -

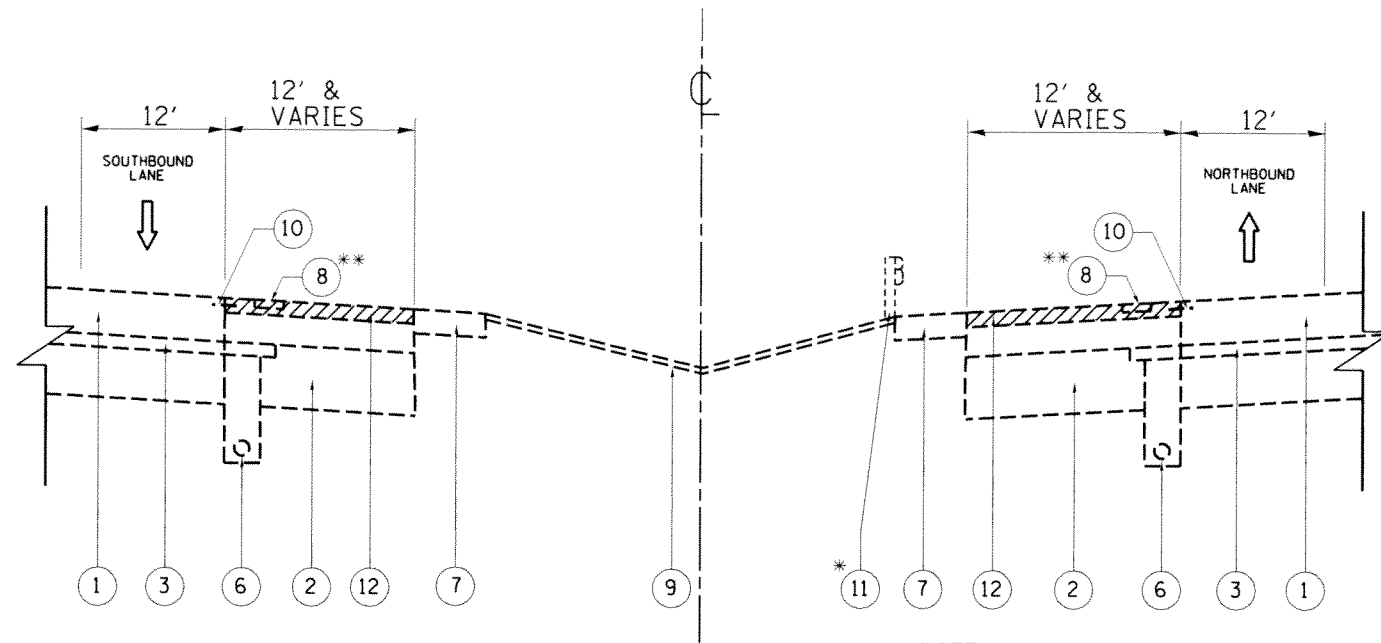
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
F.A.I. 55/ 1-55 (STEVENS ON EXPY.)--KEDZIE AVE. TO CALIFORNIA AVE.  
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2012-087-1	COOK	18	3
CONTRACT NO. 60W08			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

LEGEND:

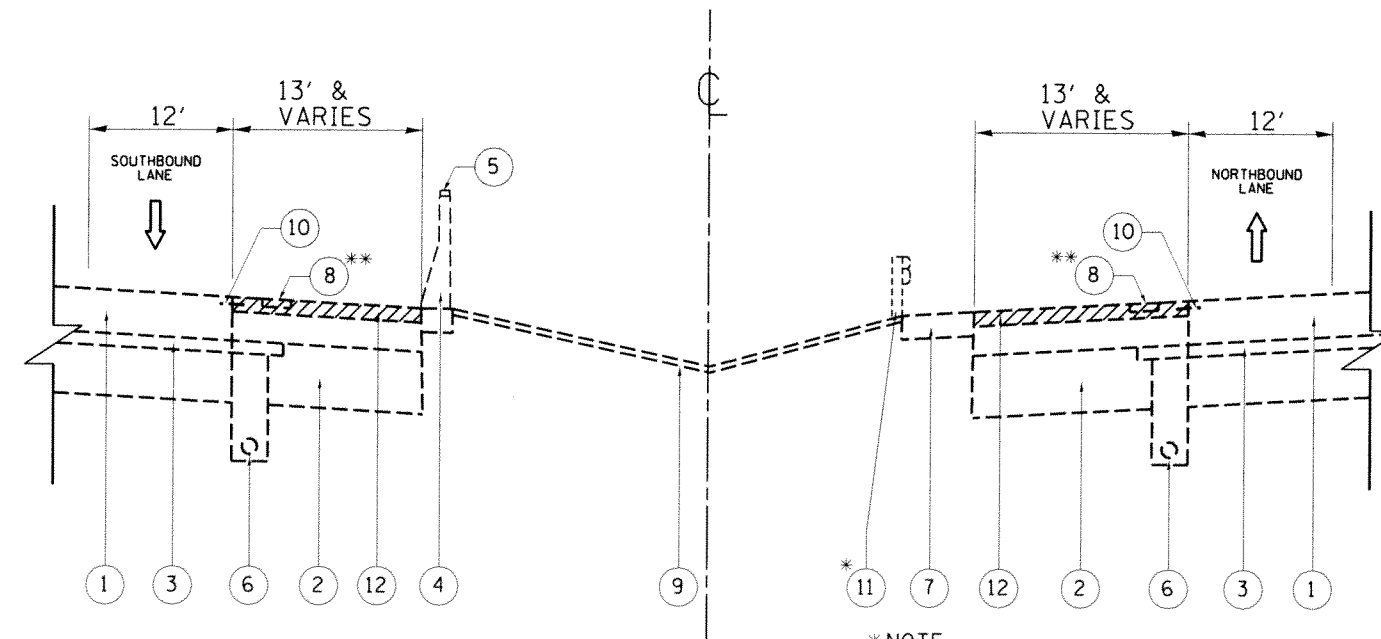
- ① EXIST. P.C.C. PAVEMENT, ±12"
  - ② EXIST. AGGREGATE SUBGRADE, 12"
  - ③ EXIST. GRANULAR SUB-BASE
  - ④ EXIST. BARRIER WALL
  - ⑤ EXIST. BARRIER WALL REFLECTORS, TYPE B
  - ⑥ EXIST. PIPE UNDERDRAIN, 6"
  - ⑦ EXIST. AGGREGATE SHOULDER
  - ⑧ EXIST. RUMBLE STRIP
  - ⑨ EXIST. MEDIAN DITCH GRADE
  - ⑩ EXIST. TIE BARS
  - ⑪ EXIST. GUARDRAIL
  - ⑫ PROP. P.C.C. SURFACE REMOVAL, 2"
  - ⑬ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
  - ⑭ PROP. GRADING AND SHAPING SHOULDERS
  - ⑮ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B
  - ⑯ PROP. RUMBLE STRIPS
- R CURB AND GUTTER REMOVAL AND REPLACEMENT



EXISTING TYPICAL SECTION  
STA. 22+84 TO 29+97

\*NOTE:  
EXISTING GUARDRAIL  
STA. 22+84 TO 25+43

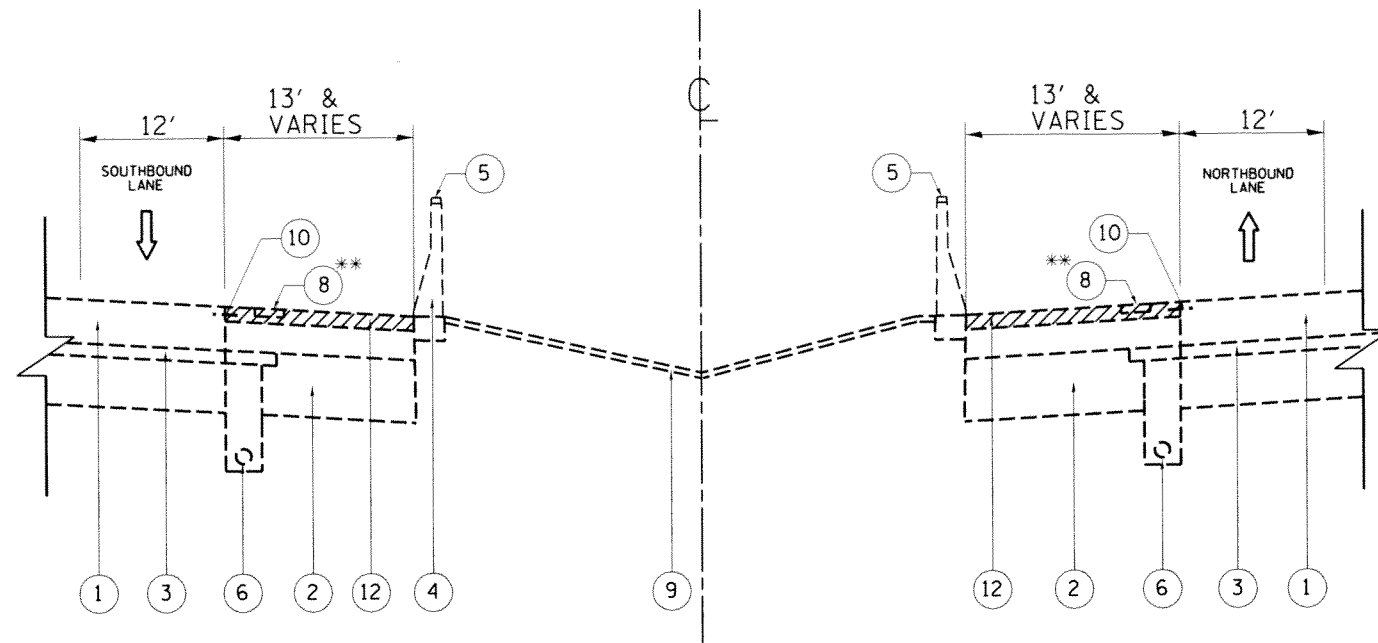
\*\*NOTE:  
EXISTING RUMBLE STRIPS  
- NORTHBOUND I-55  
  STA. 24+36 TO STA. 72+11  
- SOUTHBOUND I-55  
  STA. 22+84 TO STA. 72+11



EXISTING TYPICAL SECTION  
STA. 29+97 TO 38+38  
STA. 69+97 TO 81+98

\*NOTE:  
EXISTING GUARDRAIL  
STA. 37+47 TO 38+38  
STA. 79+88 TO 81+94

FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING AND PROPOSED TYPICAL SECTIONS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\p\work\p\dot\stedpa\08329685\0118	13-shr-plan.dgn	DRAWN -	REVISED -		F.A.I. 55/ I-55 (STEVENSON EXPY.)--KEDZIE AVE. TO CALIFORNIA AVE.	55	2012-087-I	COOK	18	4		
	PLOT SCALE = 100,0000 1/4 in.	CHECKED -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<b>CONTRACT NO. 60W08</b>			
	PLOT DATE = 3/4/2013	DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							



EXISTING TYPICAL SECTION  
STA. 38+38 TO 67+23

**\*\*NOTE:**  
EXISTING RUMBLE STRIPS  
- NORTHBOUND I-55  
  STA. 24+36 TO STA. 72+11  
- SOUTHBOUND I-55  
  STA. 22+84 TO STA. 72+11

LEGEND:

- ① EXIST. P.C.C. PAVEMENT, ±12"
- ② EXIST. AGGREGATE SUBGRADE, 12"
- ③ EXIST. GRANULAR SUB-BASE
- ④ EXIST. BARRIER WALL
- ⑤ EXIST. BARRIER WALL REFLECTORS, TYPE B
- ⑥ EXIST. PIPE UNDERDRAIN, 6"
- ⑦ EXIST. AGGREGATE SHOULDER
- ⑧ EXIST. RUMBLE STRIP
- ⑨ EXIST. MEDIAN DITCH GRADE
- ⑩ EXIST. TIE BARS
- ⑪ EXIST. GUARDRAIL
- ⑫ PROP. P.C.C. SURFACE REMOVAL, 2"
- ⑬ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑭ PROP. GRADING AND SHAPING SHOULDERS
- ⑮ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑯ PROP. RUMBLE STRIPS
  
- R CURB AND GUTTER REMOVAL AND REPLACEMENT

FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	EXISTING AND PROPOSED TYPICAL SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\stedpa\d0329685\01164	13-shr-plan.dgn	DRAWN -	REVISED -		F.A.I. 55/ I-55 (STEVENSON EXPY.)--KEDZIE AVE. TO CALIFORNIA AVE.		55	2012-087-1	COOK	18	5
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	REVISED -		SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 60W08				
PLOT DATE = 3/4/2013	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

LEGEND:

- ① EXIST. P.C.C. PAVEMENT, ±12"
- ② EXIST. AGGREGATE SUBGRADE, 12"
- ③ EXIST. GRANULAR SUB-BASE
- ④ EXIST. BARRIER WALL
- ⑤ EXIST. BARRIER WALL REFLECTORS, TYPE B
- ⑥ EXIST. PIPE UNDERDRAIN, 6"
- ⑦ EXIST. AGGREGATE SHOULDER
- ⑧ EXIST. RUMBLE STRIP
- ⑨ EXIST. MEDIAN DITCH GRADE
- ⑩ EXIST. TIE BARS
- ⑪ EXIST. GUARDRAIL
- ⑫ PROP. P.C.C. SURFACE REMOVAL, 2"
- ⑬ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
- ⑭ PROP. GRADING AND SHAPING SHOULDERS
- ⑮ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B
- ⑯ PROP. RUMBLE STRIPS

R CURB AND GUTTER REMOVAL AND REPLACEMENT

MIXTURE REQUIREMENTS

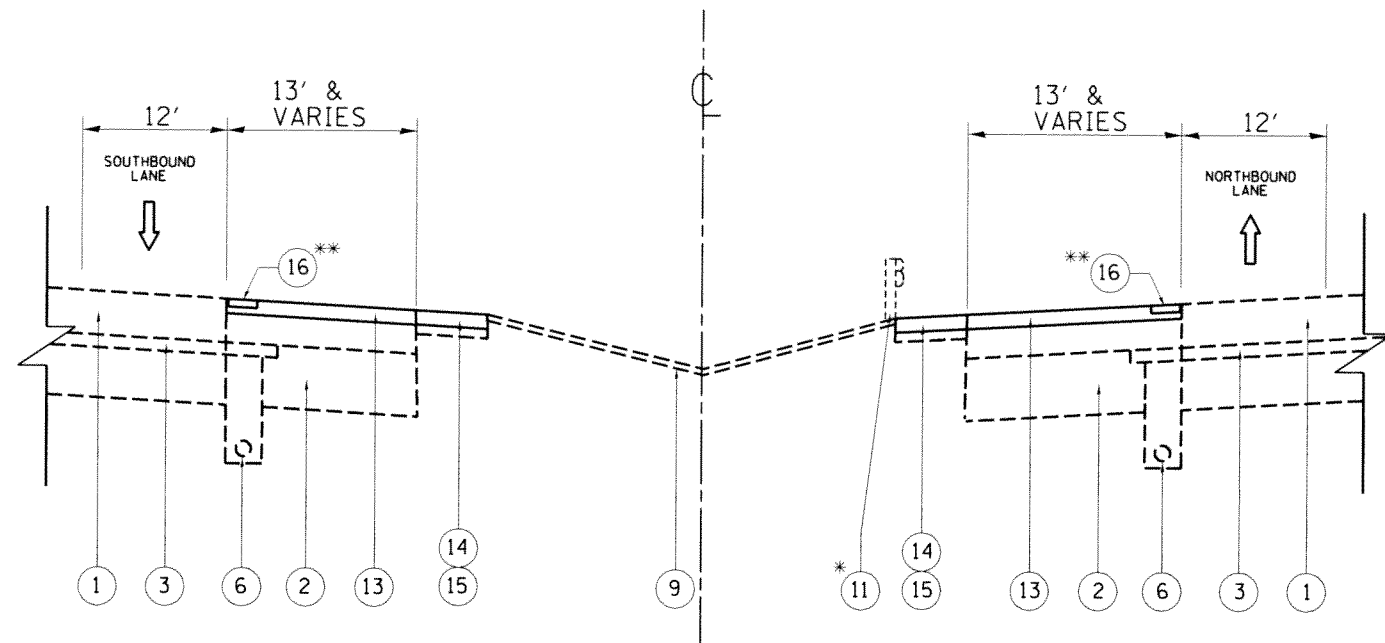
MIXTURE TYPE	AIR VOIDS @ Ndes
<b>PATCHING</b>	
CLASS "D" PATCHES (HMA BINDER COURSE, IL-19MM)	4% @ 70
<b>SHOULDER RESURFACING</b>	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, (IL 9.5MM)	4% @ 70

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT QUANTITIES IS 112 LBS./SQ. YD./ IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

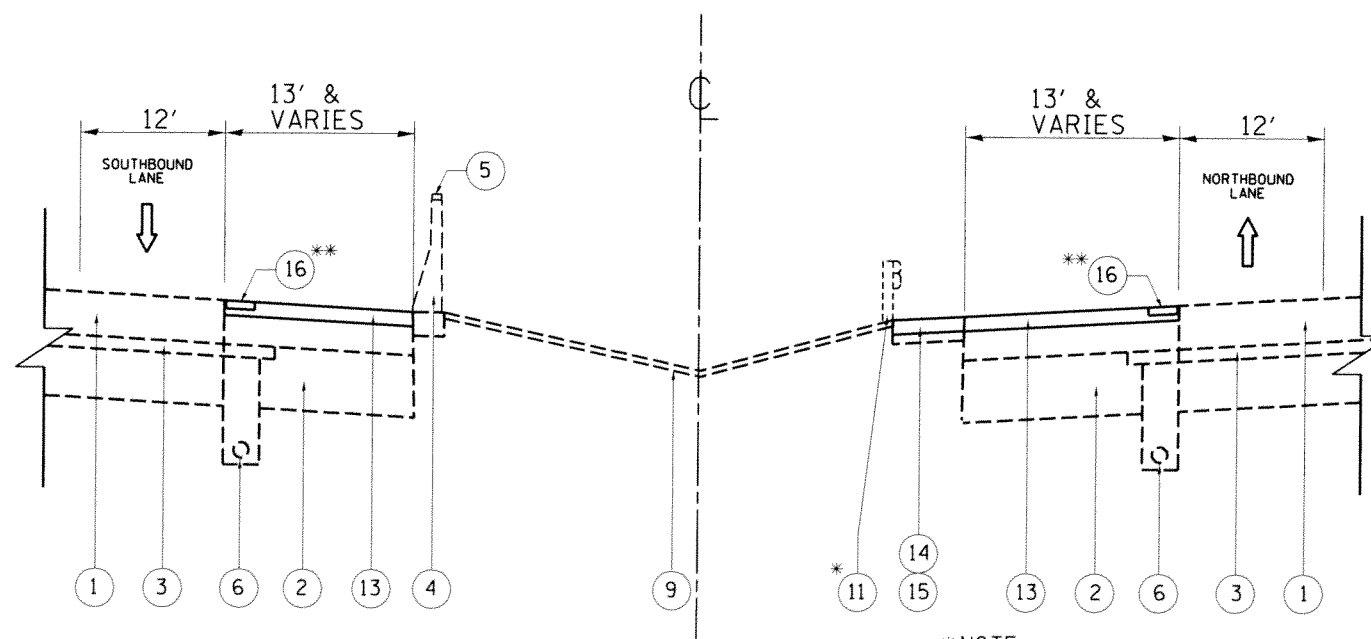
THE PATCHING SHALL BE DONE PRIOR TO MILLING



PROPOSED TYPICAL SECTION  
STA. 22+84 TO 29+97

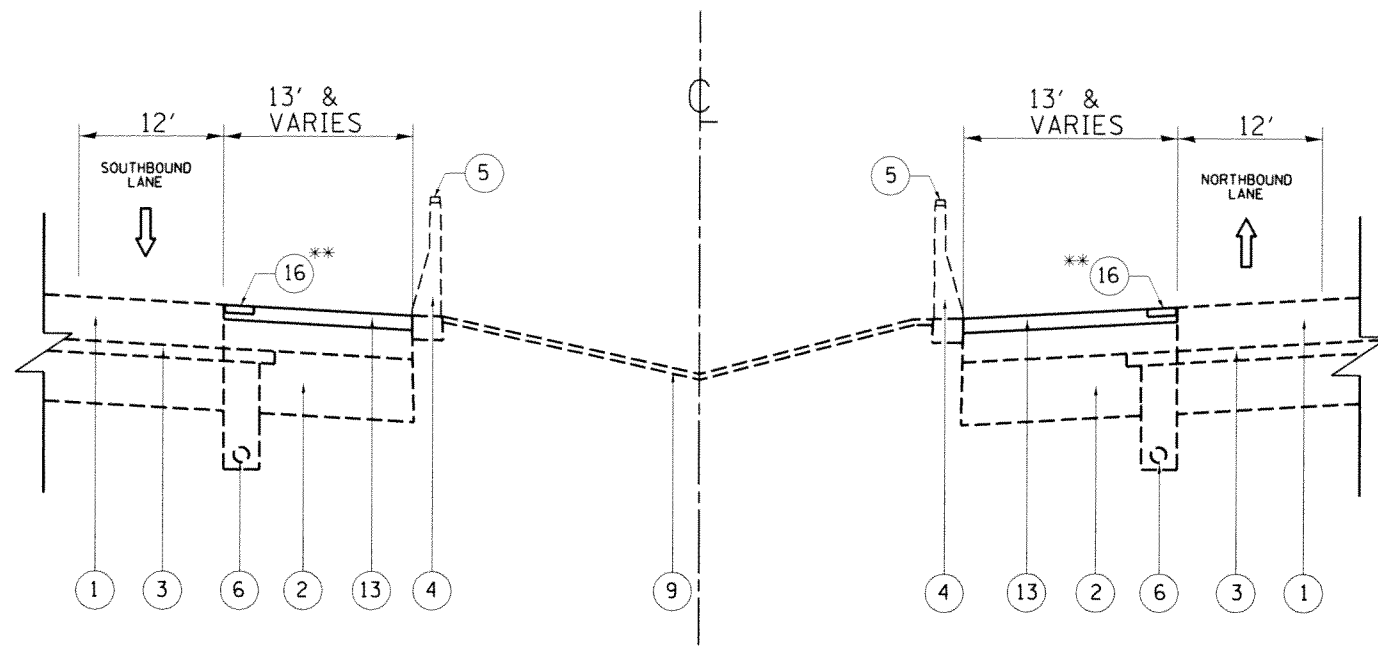
\*NOTE:  
EXISTING GUARDRAIL  
STA. 22+84 TO 25+43

\*\*NOTE:  
PROPOSED RUMBLE STRIPS  
- NORTHBOUND I-55  
STA. 24+36 TO STA. 72+11  
- SOUTHBOUND I-55  
STA. 22+84 TO STA. 72+11



PROPOSED TYPICAL SECTION  
STA. 29+97 TO 38+38  
STA. 69+97 TO 81+98

\*NOTE:  
EXISTING GUARDRAIL  
STA. 37+47 TO 38+38  
STA. 79+88 TO 81+94



PROPOSED TYPICAL SECTION  
STA. 38+38 TO 67+23

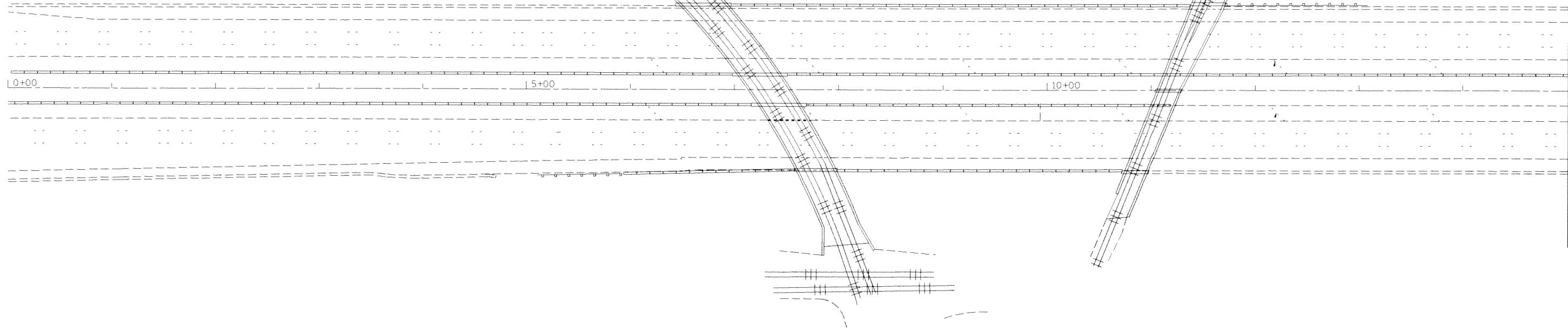
**\*\*NOTE:**  
 PROPOSED RUMBLE STRIPS  
 - NORTHBOUND I-55  
 STA. 24+36 TO STA. 72+11  
 - SOUTHBOUND I-55  
 STA. 22+84 TO STA. 72+11

**LEGEND:**

- ① EXIST. P.C.C. PAVEMENT, ±12"
  - ② EXIST. AGGREGATE SUBGRADE, 12"
  - ③ EXIST. GRANULAR SUB-BASE
  - ④ EXIST. BARRIER WALL
  - ⑤ EXIST. BARRIER WALL REFLECTORS, TYPE B
  - ⑥ EXIST. PIPE UNDERDRAIN, 6"
  - ⑦ EXIST. AGGREGATE SHOULDER
  - ⑧ EXIST. RUMBLE STRIP
  - ⑨ EXIST. MEDIAN DITCH GRADE
  - ⑩ EXIST. TIE BARS
  - ⑪ EXIST. GUARDRAIL
  - ⑫ PROP. P.C.C. SURFACE REMOVAL, 2"
  - ⑬ PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
  - ⑭ PROP. GRADING AND SHAPING SHOULDERS
  - ⑮ PROP. AGGREGATE WEDGE SHOULDERS, TYPE B
  - ⑯ PROP. RUMBLE STRIPS
- R CURB AND GUTTER REMOVAL AND REPLACEMENT

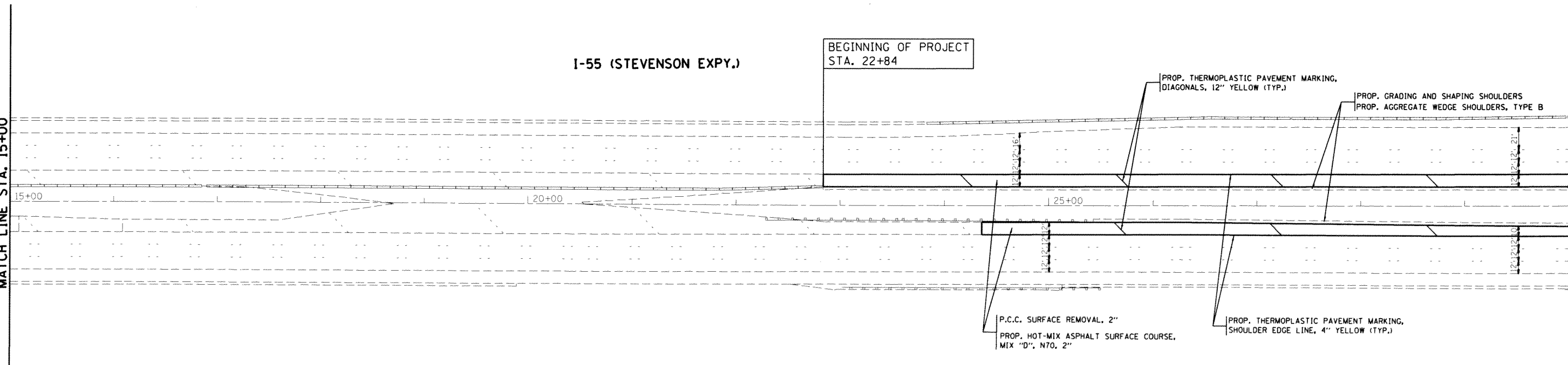
FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING AND PROPOSED TYPICAL SECTIONS</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\pwwdot\stedpa\0329685\0116413-sht-plan.dgn		DRAWN -	REVISED -		F.A.I. 55/ I-55 (STEVENSON EXPY.)--KEDZIE AVE. TO CALIFORNIA AVE.		55	2012-087-1	COOK	18	7	
		CHECKED -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 60W08			
		DATE -	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

I-55 (STEVENSON EXPY.)



I-55 (STEVENSON EXPY.)

BEGINNING OF PROJECT  
STA. 22+84



FILE NAME =  
c:\pwwork\pwwork\stedpa\08329685\011613-ahs-plan.dgn

USER NAME = stedpa  
PLOT SCALE = 100,0000 1/ in.  
PLOT DATE = 3/4/2013

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

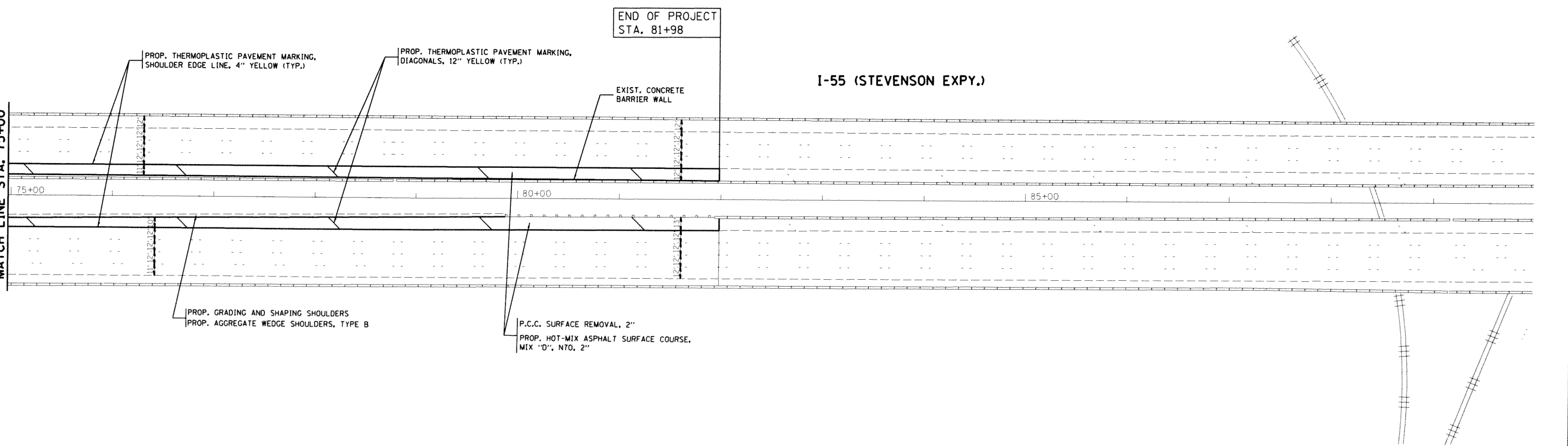
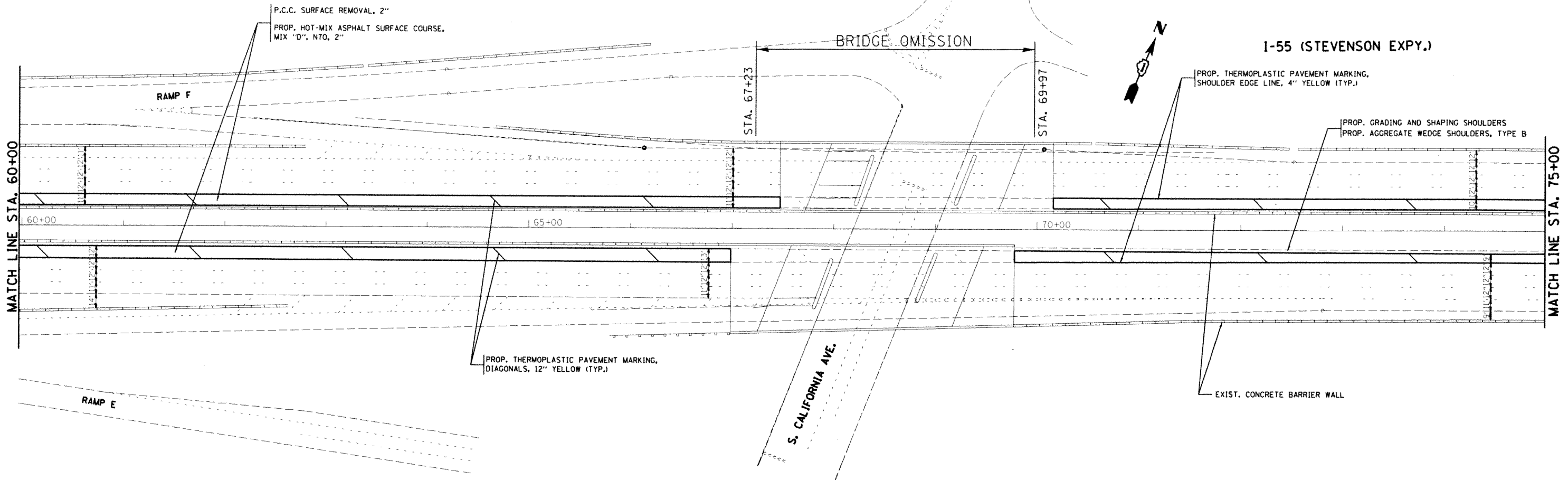
ROADWAY AND PAVEMENT MARKING PLANS  
F.A.I. 55/ I-55 (STEVENSON EXPY.)--KEDZIE AVE. TO CALIFORNIA AVE.

SCALE: 1"=50' SHEET OF SHEETS STA. 5+00 TO STA. 30+00

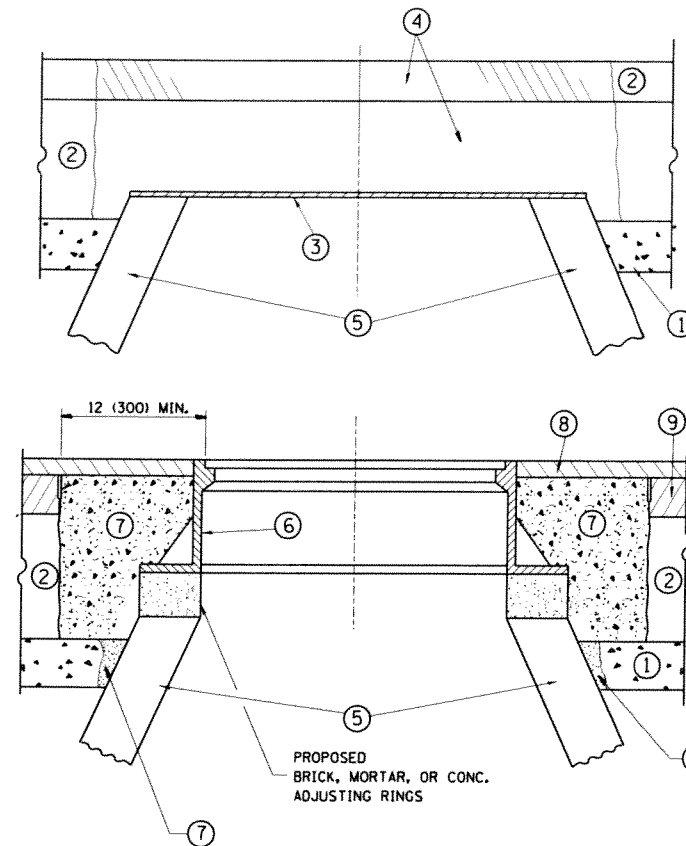
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2012-087-1	COOK	18	8
CONTRACT NO. 60W08			ILLINOIS FED. AID PROJECT	







FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY AND PAVEMENT MARKING PLANS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\pwsdot\steedpa\0329685\0116	13-shr\plan\dgn	DRAWN -	REVISED -		<b>F.A.I. 55/ I-55 (STEVENSON EXPY.)--KEDZIE AVE. TO CALIFORNIA AVE.</b>			55	2012-087-1	COOK	18	10
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 60+00	TO STA. 90+00	<b>CONTRACT NO. 60W08</b>	
#MODELNAME#	PLOT DATE = 3/4/2013	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



**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 EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**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:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

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

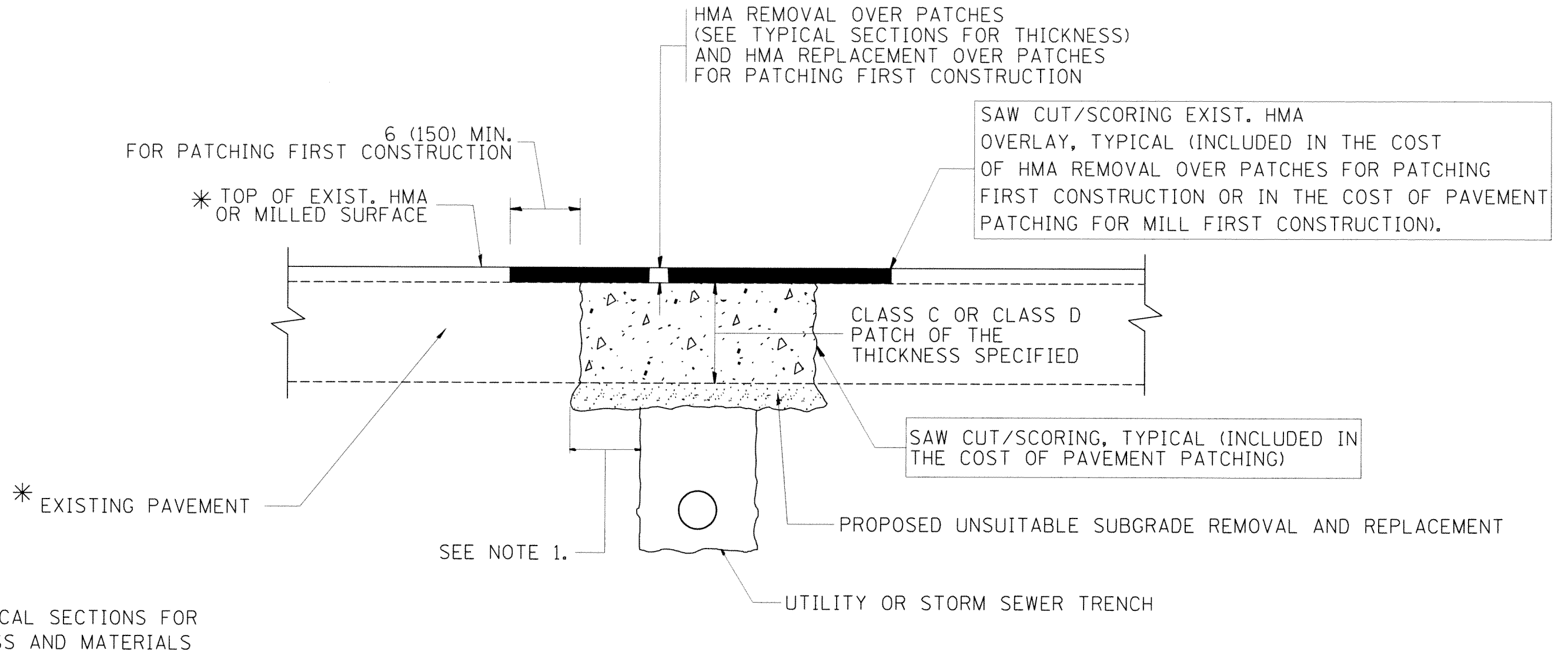
FILE NAME =	USER NAME = steedpa	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
os:\p\work\p\dot\stedpa\d0329685\01a15	td.dgn	DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 3/4/2013	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2012-087-1	COOK	18	11
BD600-03 (BD-8)			CONTRACT NO. 60W08	
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)

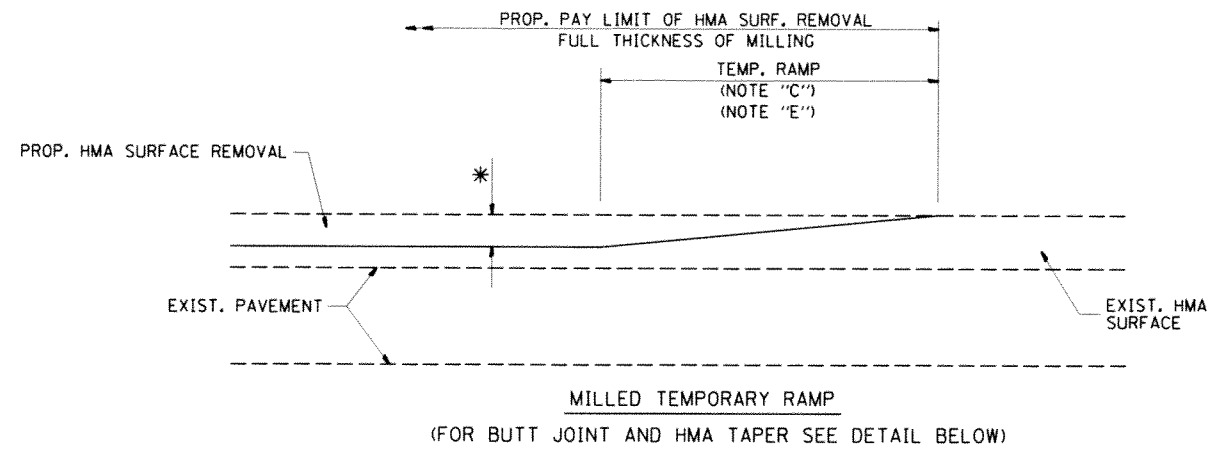
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

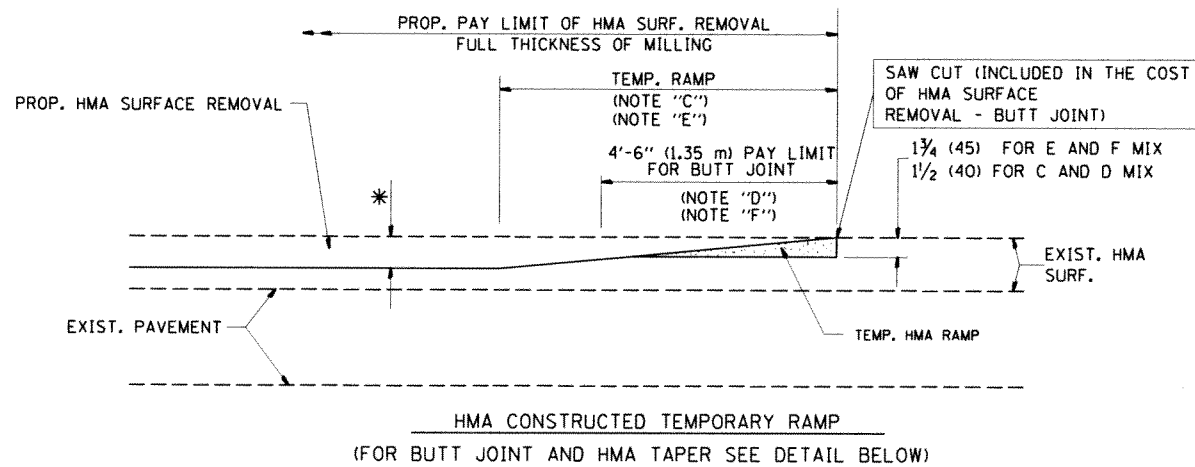
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME =	USER NAME = steedpa	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pwork\p\dot\steedpa\d0329685\01std.dgn		DRAWN -	REVISED - R. BORO 01-01-07		55	2012-087-1	COOK	18	12			
		CHECKED -	REVISED - R. BORO 09-04-07		<b>BD400-04 (BD-22)</b>			<b>CONTRACT NO. 60W08</b>				
		DATE - 10-25-94	REVISED - K. ENG 10-27-08		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
				SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					

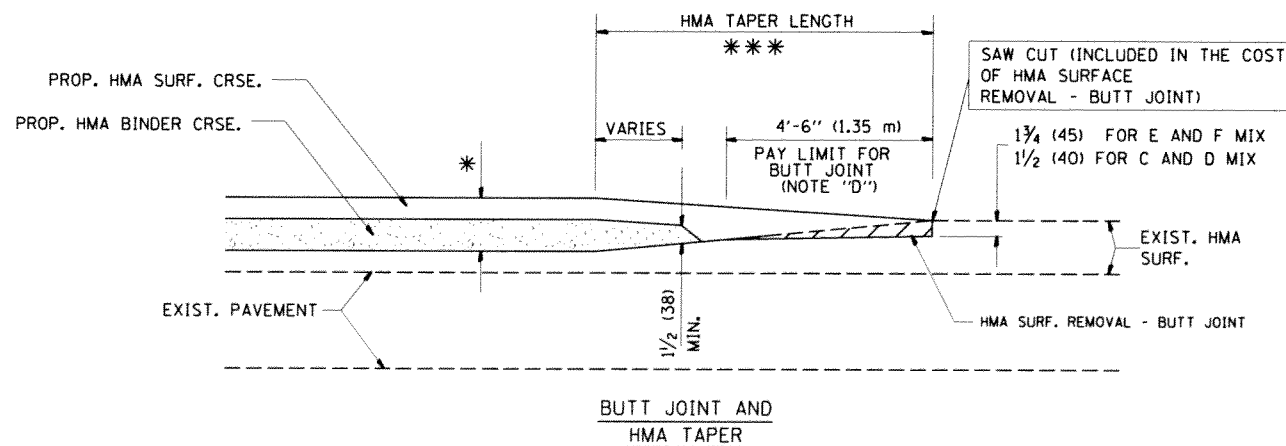


**OPTION 1**

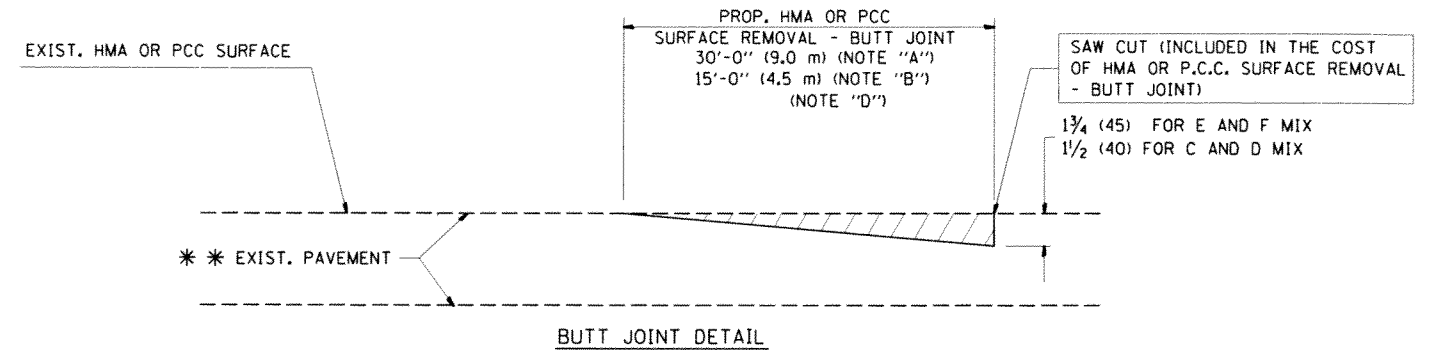


**OPTION 2**

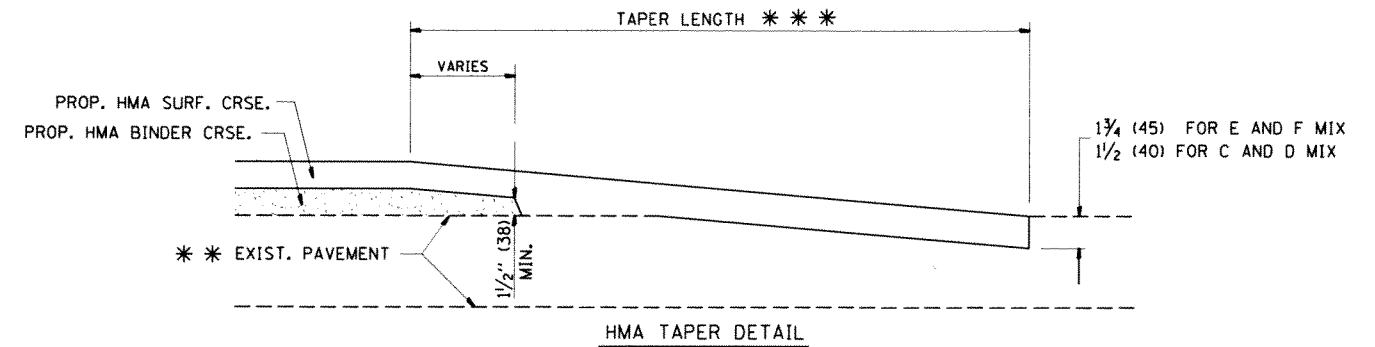
**TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**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.

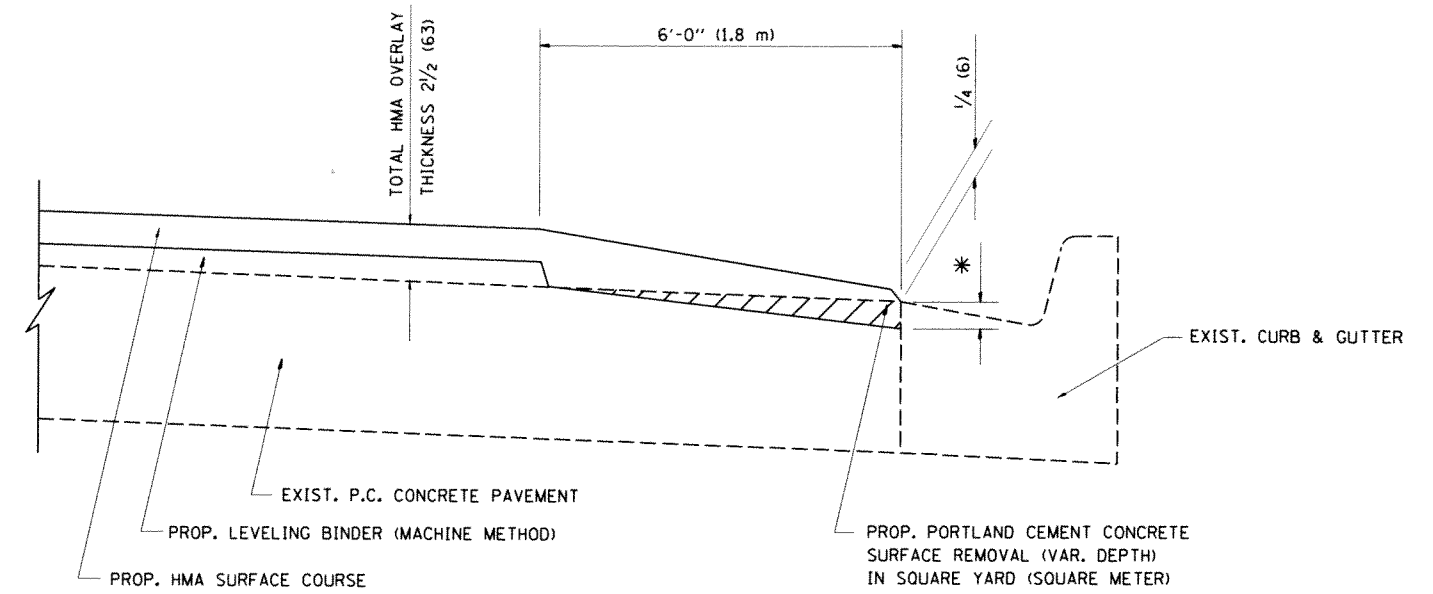
FILE NAME =	USER NAME = steedpa	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
cd:\p\work\p\wdot\steedpa\0329685\01std.dgn		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000 1/1 in	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 3/4/2013	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**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.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2012-087-1	COOK	18	13
BD400-05 BD32			CONTRACT NO. 60W08	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



HMA TAPER AT  
EDGE OF P.C.C PAVEMENT

HMA SURFACE		LEVELING BINDER		* MILLING AT GUTTER FLAG
MIX	THICKNESS	THICKNESS		
C OR D	1 1/2 (38)	1 (25)	1/4 (33)	
F	1 3/4 (44)	3/4 (19)	1/2 (38)	

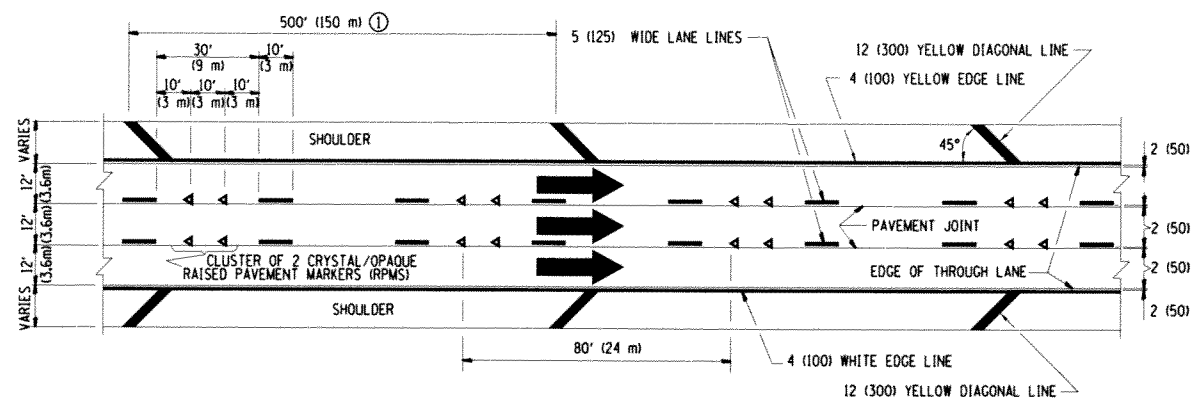
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = steedpa	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94
ct:\pwork\pwork\stedpa\08329685\Dist\dgn		DRAWN - JIS	REVISED - A. ABBAS 05-05-99
	PLOT SCALE = 100.0000 1/ in.	CHECKED - A. ABBAS	REVISED - E. GOMEZ 12-21-00
	PLOT DATE = 3/4/2013	DATE - 09-10-94	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT EDGE OF P.C.C PAVEMENT		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.
--	--	-------------	-------------------------	------	---------

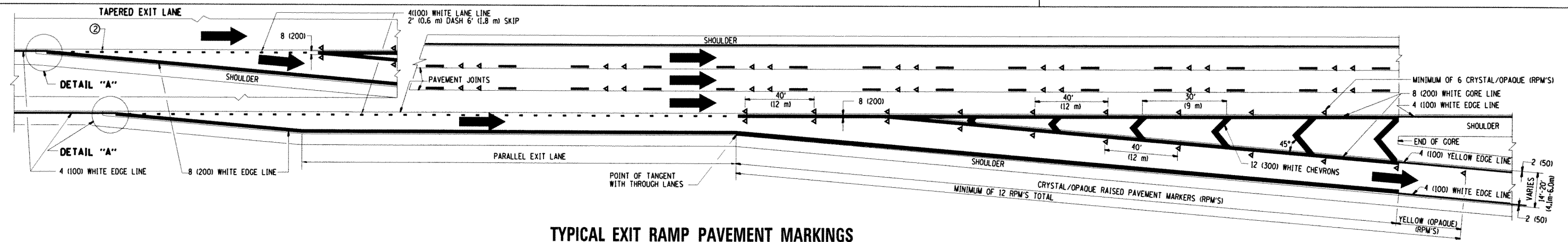
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2012-087-1	COOK	18	14
BD400-06 (BD33)		CONTRACT NO. 60W08		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



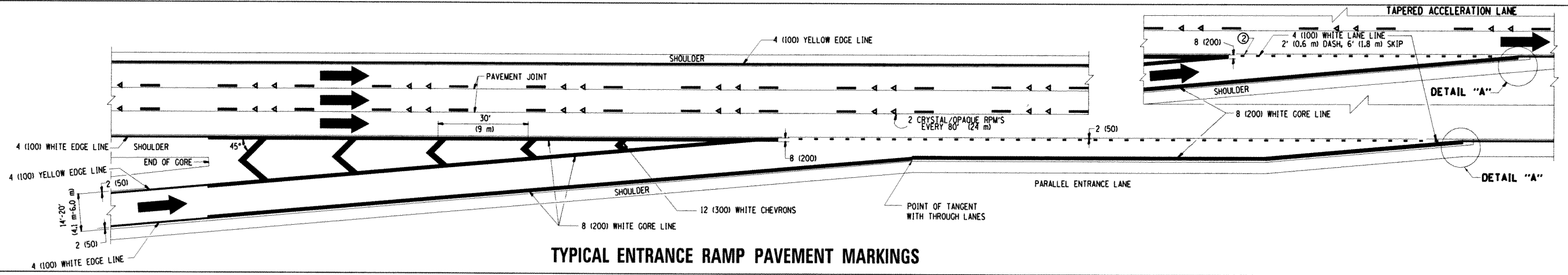
TYPICAL EDGE LINES & LANE LINES

**PAVEMENT MARKING MATERIALS**

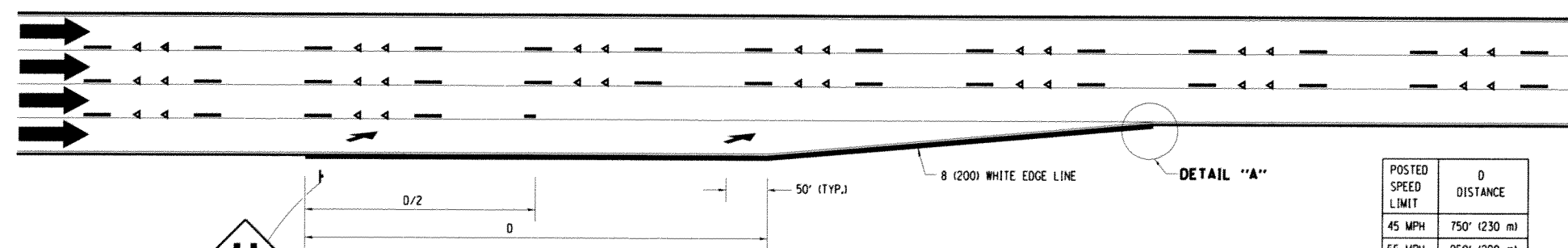
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT.
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.



TYPICAL EXIT RAMP PAVEMENT MARKINGS

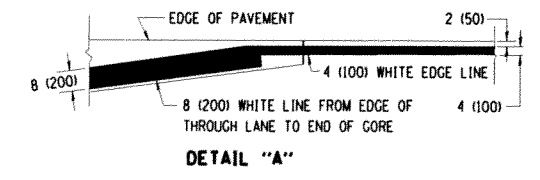


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



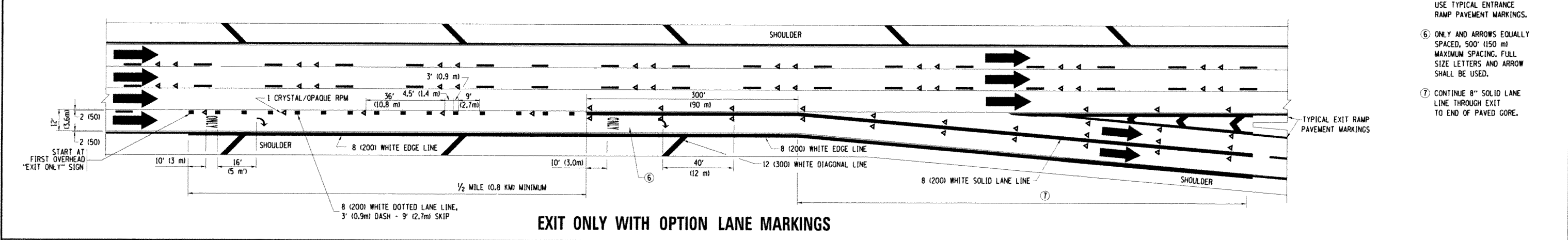
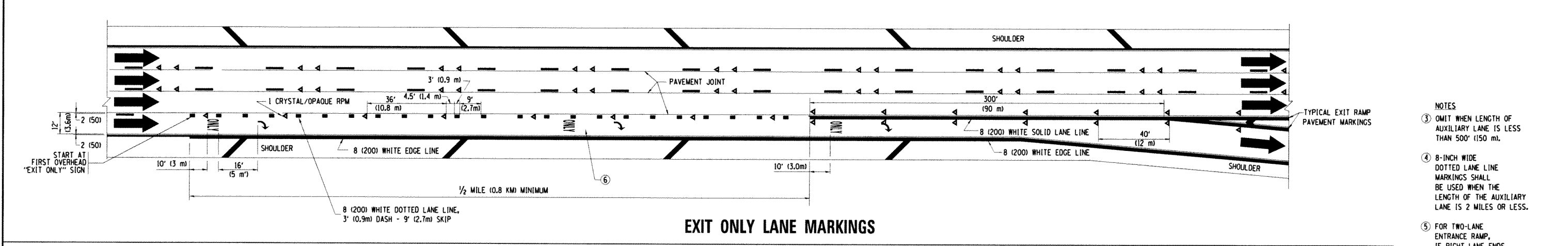
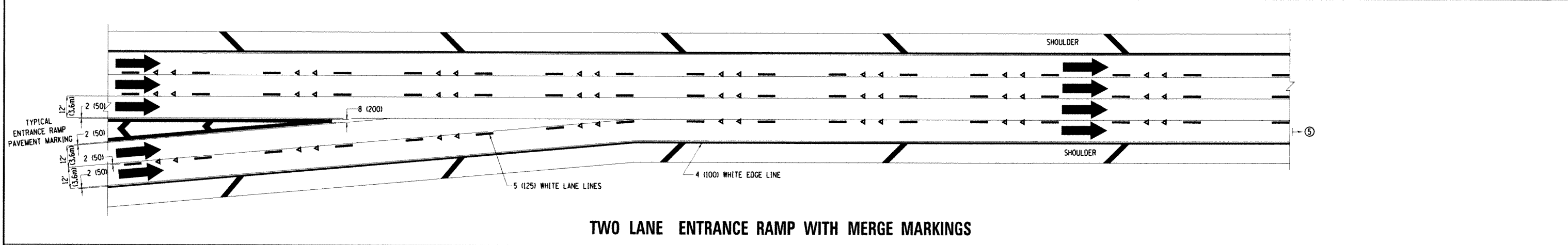
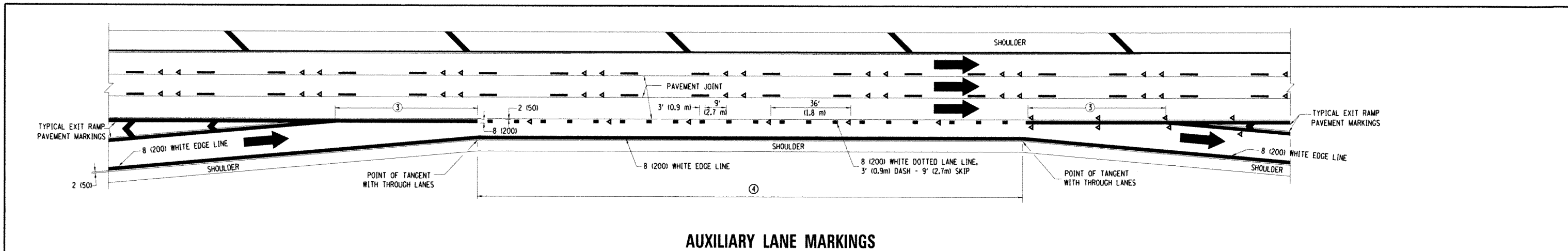
LANE REDUCTION PAVEMENT MARKINGS

POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)



- NOTES:**
- ① THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
  - ② 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.



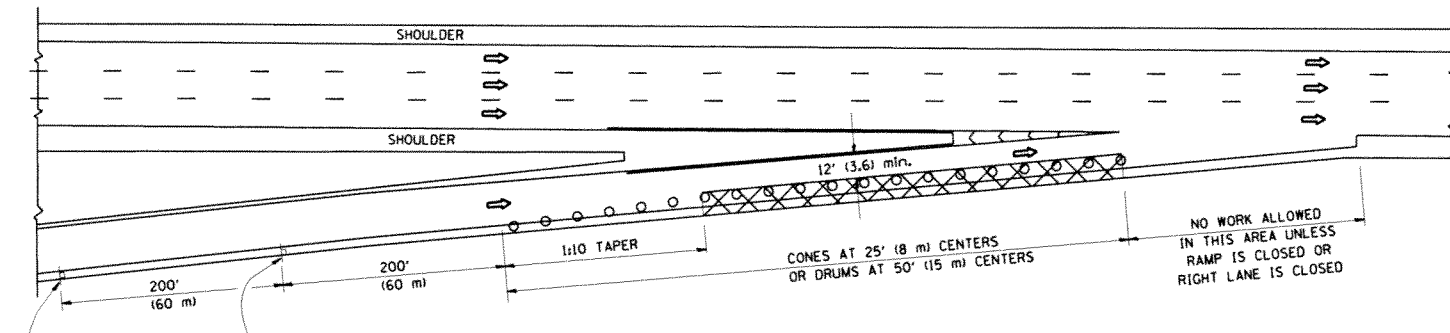


- NOTES**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
  - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
  - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
  - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
  - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

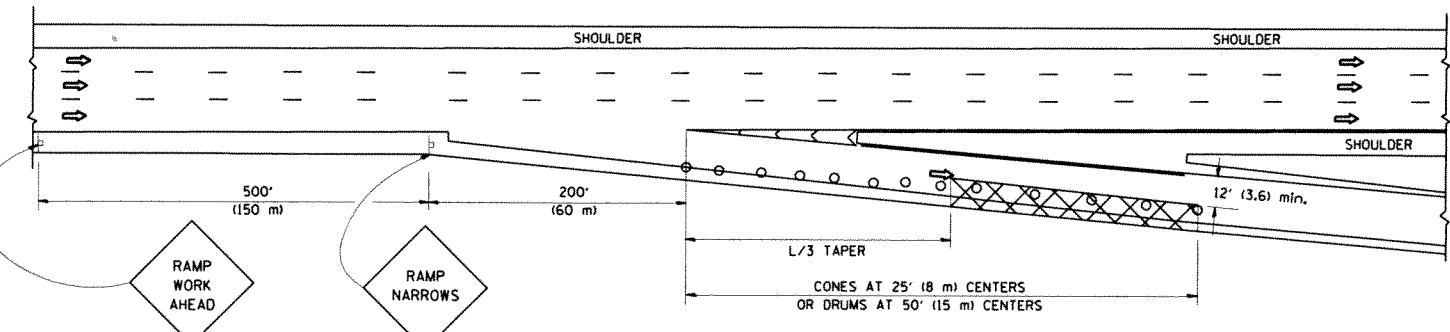
FILE NAME =	USER NAME = steedpa	DESIGNED - D.W.S.	REVISED - D.W.S. 07-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS</b>			F.A.I. RTE. 55	SECTION 2012-087-1	COUNTY COOK	TOTAL SHEETS 18	SHEET NO. 16
c:\pwwork\pwwork\stedpa\08329685\01sttd.dgn	PLOT SCALE = 1/8" = 1' / in.	DRAWN -	REVISED - J.A.F. 02-06		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	CONTRACT NO. 60W08	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/4/2013	CHECKED -	REVISED - S.P.B. 01-07									
		DATE - 01-90	REVISED - S.P.B. 01-10									



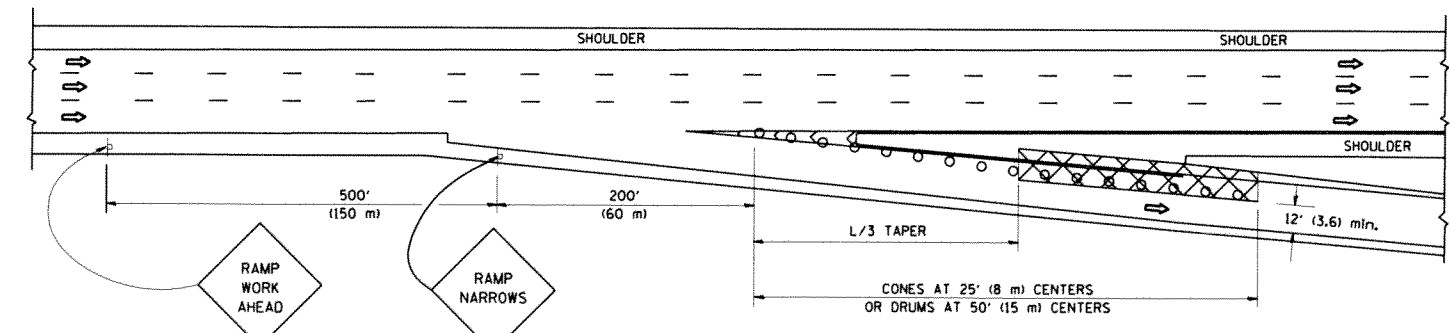
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

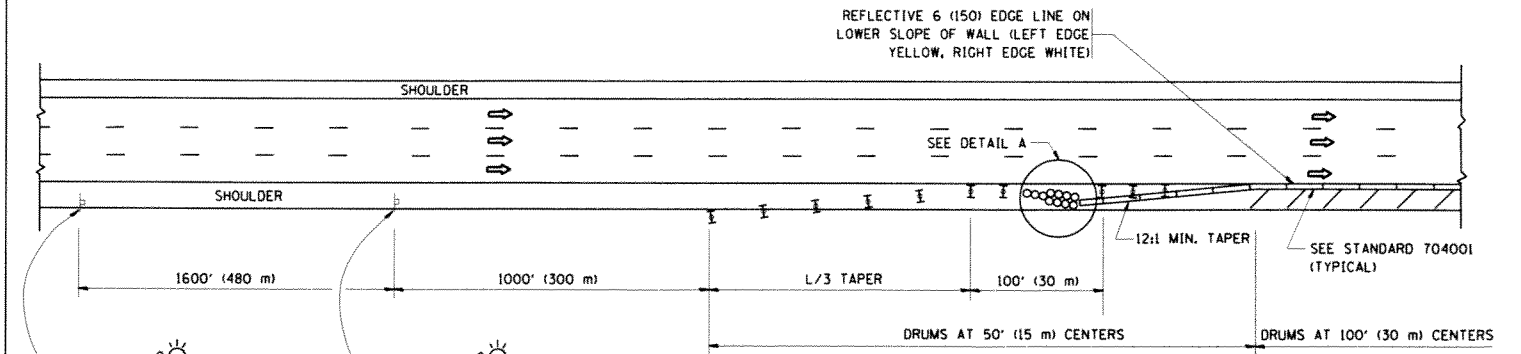
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

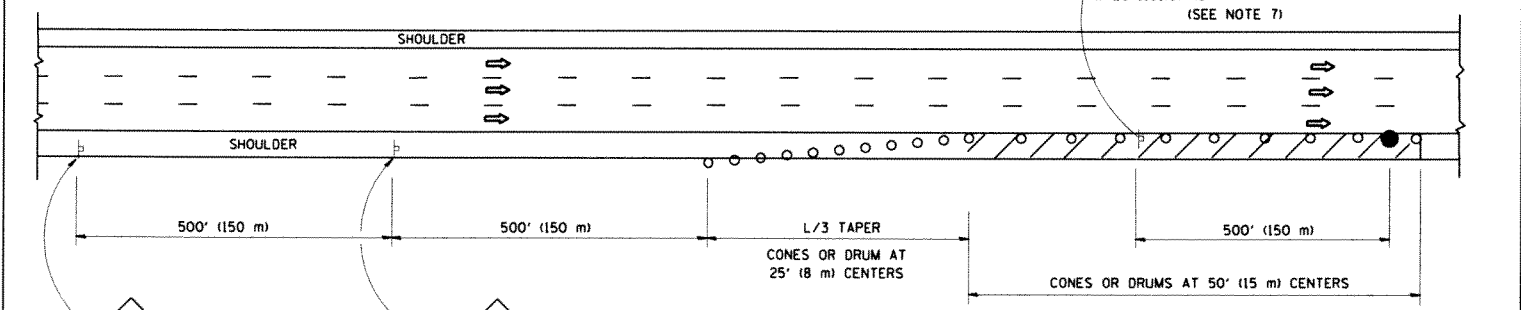
1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	$L = 0.65(WKS)$ $L = (W)(S)$
	W = WIDTH OF OFFSET IN FEET (METERS)
	S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

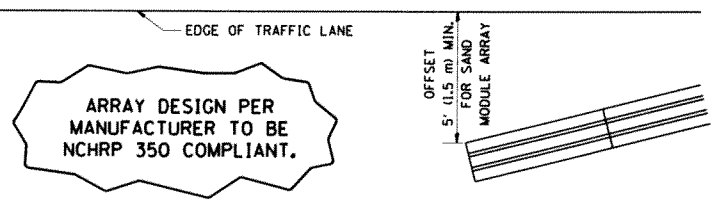


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:  
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"  
 IMPACT ATTENUATOR, TEMPORARY  
 (SEE NOTE 5)

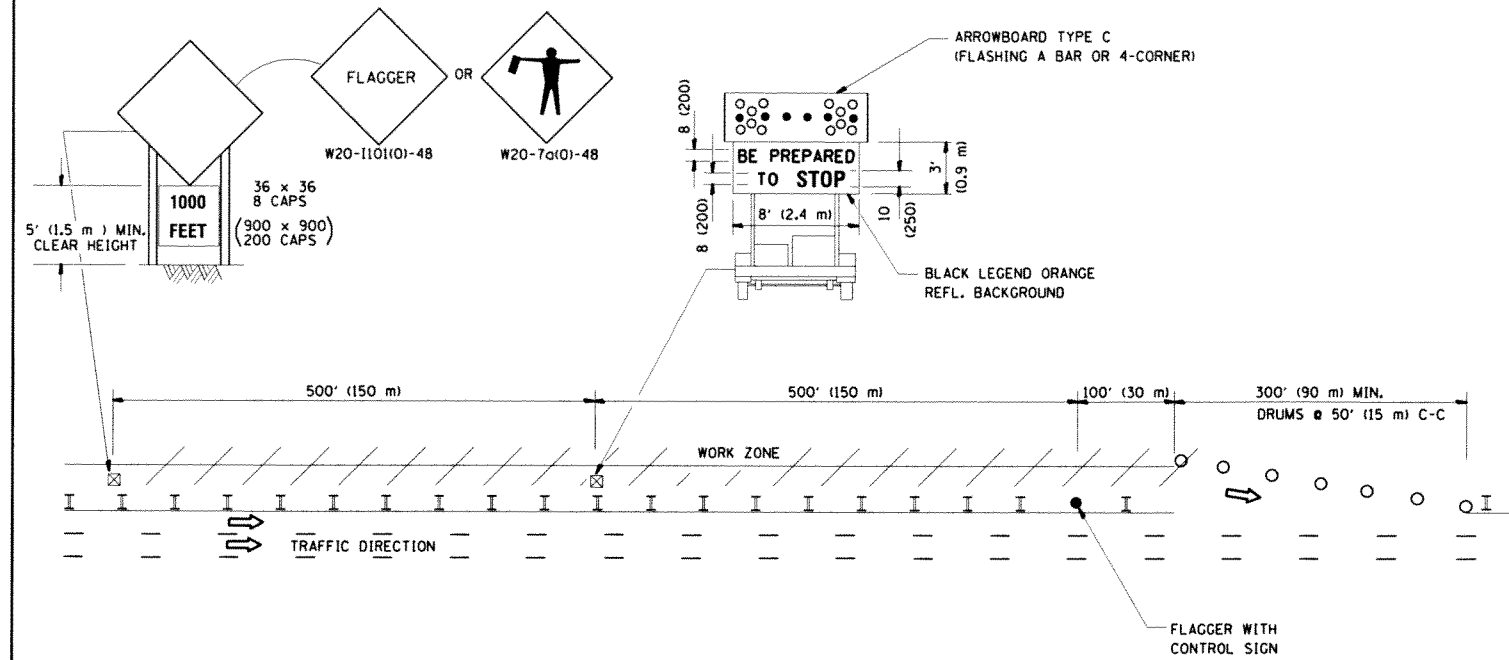
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
  - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
  - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

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

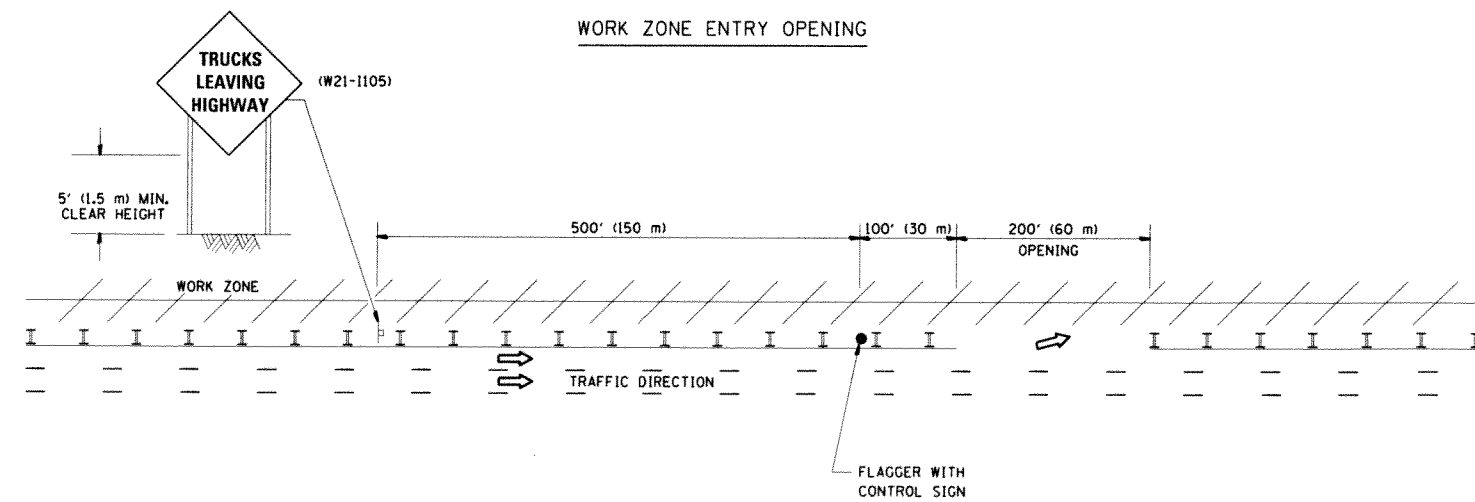
FILE NAME : c:\p\work\p\dot\stedpa\0329685\Dist\td.dgn	USER NAME : stedpa	DESIGNED : DRAWN : D.W.S.	REVISED : 04-03 REVISED : J.A.F. 12-06 REVISED : S.P.B. 01-07 REVISED : S.P.B. 12-09	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES</b>	F.A.I. RTE. 55	SECTION 2012-087-1	COUNTY COOK	TOTAL SHEETS 18	SHEET NO. 17
PLOT SCALE = 100.0000 1/2 in. PLOT DATE = 3/4/2013				SCALE: NONE    SHEET NO. 1 OF 1 SHEETS    STA.    TO STA.		TC-17		CONTRACT NO. 60W08		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT										

# SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

## WORK ZONE EXIT OPENING



## WORK ZONE ENTRY OPENING



### NOTES:

1. THE ARROWBOARD, THE FLAGGER AHEAD SIGN AND THE TRUCKS LEAVING HIGHWAY SIGN SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE EXIT OPENINGS SHOULD BE A MINIMUM OF ONE HALF MILE APART.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = steedpa	DESIGNED -	REVISED - J.A.F. 04-03	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\stedpa\0329685\Dist\dgn		DRAWN -	REVISED - J.A.F. 02-06		55	2012-087-1	COOK	18	18		
		CHECKED -	REVISED - S.P.B. 01-07		SCALE: NONE		TC-18		CONTRACT NO. 60W08		
		DATE -	REVISED - S.P.B. 12-09		SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			