

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35340	08-00095-00-RS	KANE	10	1
FED. ROAD DIST. NO. 1	ILLINOIS	CONTRACT NO. 63176		

**IMPROVEMENTS LOCATED IN ST. CHARLES TOWNSHIP,
UNINCORPORATED KANE COUNTY**

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

**PLANS FOR PROPOSED
FEDERAL AID HIGHWAY**

**F.A.U. ROUTE 3534 (DEAN STREET)
UNION PACIFIC RAILROAD TO IL ROUTE 64
SECTION 08-00095-00-RS
STREET RESURFACING
PROJECT ARA-9003(193)
JOB NO. C-91-251-09
CITY OF ST. CHARLES
KANE COUNTY**

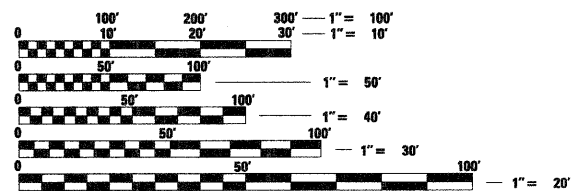
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
01	COVER SHEET
02	GENERAL NOTES AND SUMMARY OF QUANTITIES
03 - 04	TYPICAL SECTIONS
05	PAVEMENT MARKING PLAN
06 - 10	DETAILS AND STANDARD DRAWINGS

IDOT STANDARD DRAWINGS

- STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- CURB RAMPS FOR SIDEWALKS
- FRAME AND LIDS TYPE I
- FRAME AND GRATE TYPE II
- CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- LANE CLOSURE, 2L, 2W, UNDIVIDED
- LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
- TRAFFIC CONTROL DEVICES
- TYPICAL PAVEMENT MARKINGS
- CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
- BUTT JOINT AND HMA TAPER DETAILS
- TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
- DISTRICT ONE TYPICAL PAVEMENT MARKINGS

- STD. 000001-05
- STD. 424001-05
- STD. 604001-03
- STD. 604051-03
- STD. 606001-04
- STD. 701501-05
- STD. 701801-04
- STD. 701901-01
- STD. 780001-02
- STD. BD24
- STD. BD32
- STD. TC10
- STD. TC13

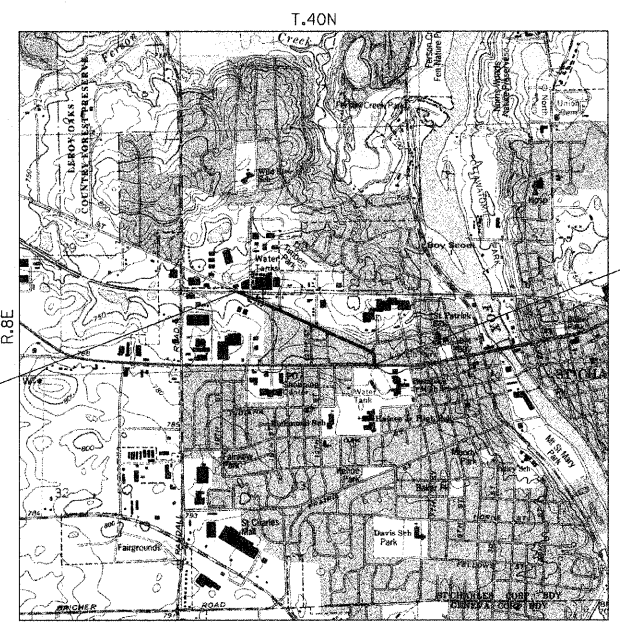


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

Call Before You Dig
JULIE
800.892.0123
OR 811
Call 48 hours before you dig
(Excluding Sat., Sun. & Holidays)

Joint Utility Locating Information for Excavators

CONTRACT NO. 63176



DEAN STREET IMPROVEMENT BEGINS STATION 254+30

DEAN STREET IMPROVEMENT ENDS STATION 289+90.68

TRAFFIC DATA
DEAN STREET
ADT (2008) = 4,700
SPEED LIMIT = 30 MPH

GROSS LENGTH OF IMPROVEMENTS - DEAN STREET = 3561 LINEAL FEET (0.67 MILES)
NET LENGTH OF IMPROVEMENTS - DEAN STREET = 3561 LINEAL FEET (0.67 MILES)

GREGORY J. CHISMAR
REGISTERED PROFESSIONAL ENGINEER
OF ILLINOIS
4-1-2009 DATE
SEAL

ENGINEER
GREGORY J. CHISMAR, P.E.
ILLINOIS REGISTRATION NO.: 062-044133
EXPIRATION DATE: 11/30/2009

THESE PLANS OR ANY PART THEREOF SHALL BE CONSIDERED VOID WITHOUT THE SIGNATURE, SEAL, AND EXPIRATION DATE OF SEAL OF THE ENGINEER

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS**

Approved: April 1, 2009 (DATE)
[Signature] (SIGNATURE)
Local Agency, Position

Passed: April 06, 2009 (DATE)
Christopher B. Burke (SIGNATURE)
District * Engineer of Local Roads & Streets

Releasing for Bid Based on Limited Review: APRIL 6, 2009 (DATE)
Diana M. O'Keefe (SIGNATURE)
Deputy Director of Highways, Region * Engineer

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OF THE STATE OF ILLINOIS**

CB
CHRISTOPHER B. BURKE
ENGINEERING WEST, LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755
PROFESSIONAL DESIGN FIRM NO. 184-002097
EXPIRATION DATE: 4/30/2009

FIELD ENGINEER: MARLIN SOLOMON 847-705-4407

GENERAL NOTES

SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2007 (HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS); THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS"; THE "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", THE "DETAILS" IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.

ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.

ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 107.14 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR TRAFFIC AS CALLED FOR IN THE SPECIAL PROVISIONS & PLANS.

UTILITIES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THEIR FRAMES MAY BE ADJUSTED PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY ARE NOT SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER OR REPLACED. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL NOT OPEN OR SHUT OFF ANY WATER VALVES OR FIRE HYDRANTS. CONTACT WATER DEPARTMENT FOR THEM TO TURN VALVES OR OPERATE HYDRANTS.

STORM SEWER

WHENEVER ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES OR GUTTERS SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL 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 INCIDENTAL TO THE CONTRACT.

MISCELLANEOUS

THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS AND EXISTING DRIVEWAY ACCESS TO ADJUTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THIS PROJECT.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS CONTRACT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS IN THE FIELD AND NOTIFY RESIDENT ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.

THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.

ALL TYPE I AND II BARRICADES SHALL BE WEIGHTED DOWN WITH TWO (2) SANDBAGS EACH.

REMOVED PAVEMENT SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY AT THE CONTRACTOR'S EXPENSE AT LOCATIONS PROVIDED OR ARRANGED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

ALL MAN-HOLE LIDS, BUFFALO BOXES, ETC. SHALL BE COVERED BY THE CONTRACTOR WITH CARDBOARD OR ANY OTHER SUITABLE MATERIAL PRIOR TO ANY PRIMING OR BITUMINOUS OPERATION. AFTER COMPLETING THE OPERATION, THE CONTRACTOR SHALL REMOVE THE TEMPORARY COVERS AND CLEAN ANY LIDS WHICH HE FAILED TO PROPERLY COVER. THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

NO CONSTRUCTION SHALL BEGIN UNTIL ALL PROPER SIGNS AND BARRICADES HAVE BEEN INSTALLED.

THERE SHALL BE NO OVERNIGHT LANE CLOSURES.

THERE SHALL BE NO MORE THAN 2 1/4" DIFFERENTIAL IN VERTICAL PAVEMENT ELEVATION AT ANY TIME DURING CONSTRUCTION.

PROGRESS OF WORK

THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A PROGRESS SCHEDULE PRIOR TO OR AT THE PRECONSTRUCTION CONFERENCE FOR THIS IMPROVEMENT.

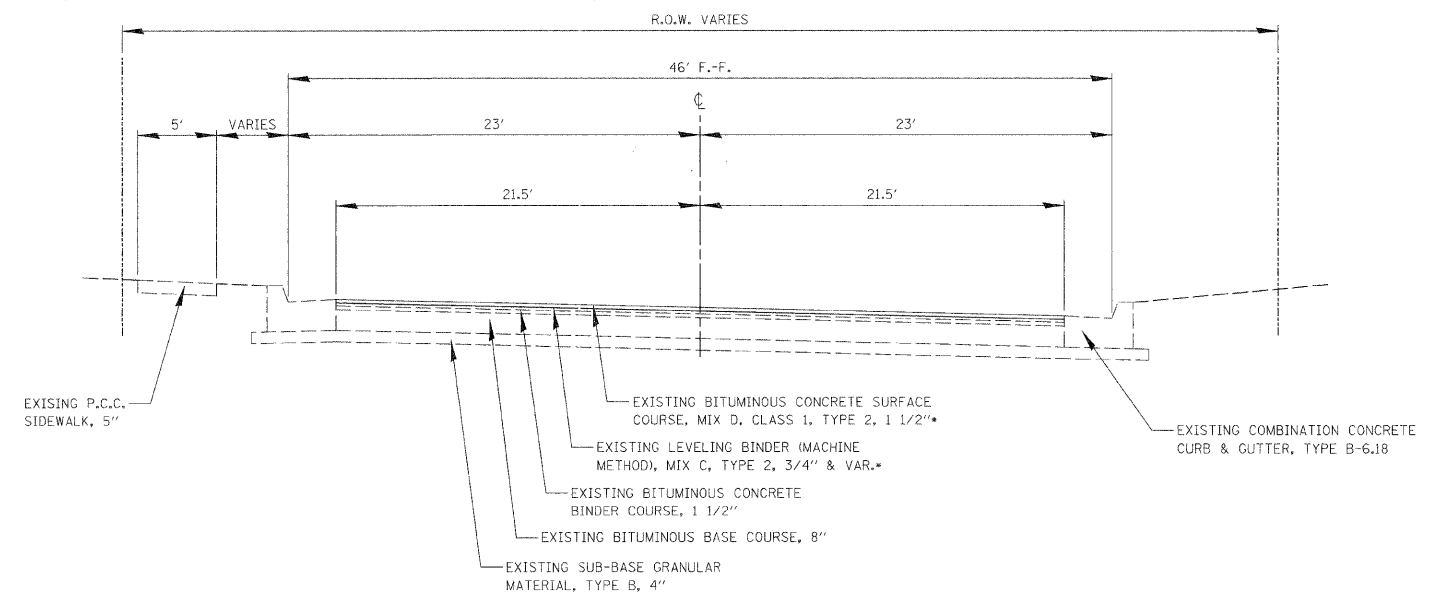
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	DEAN STREET 1000
* 40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1100	1100
40600300	AGGREGATE (PRIME COAT)	TON	8	8
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	630	630
40600982	HMA SURFACE REMOVAL, BUTT JOINT	SQ. YD.	495	495
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIXTURE D, N50	TON	1230	1230
* 44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/4"	SQ. YD.	14325	14325
* 44001700	COMBINATION CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT	FOOT	782	782
* 44004610	SIDEWALK REMOVAL & REPLACEMENT, (SPECIAL)	SQ. FT.	575	575
* 60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME CLOSED LID	EACH	85	85
* 60261300	INLETS TO BE ADJUSTED WITH NEW TYPE 11 FRAME AND GRATE	EACH	25	25
* 60266600	VALVE BOXES TO BE ADJUSTED	EACH	2	2
67100100	MOBILIZATION	L. SUM	1	1
* 70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L. SUM	1	1
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ. FT.	135	135
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4385	4385
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	485	485
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	335	335
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	200	200
* XX007729	DETECTABLE WARNINGS, SPECIAL	SQ. FT.	300	300
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L. SUM	1	1

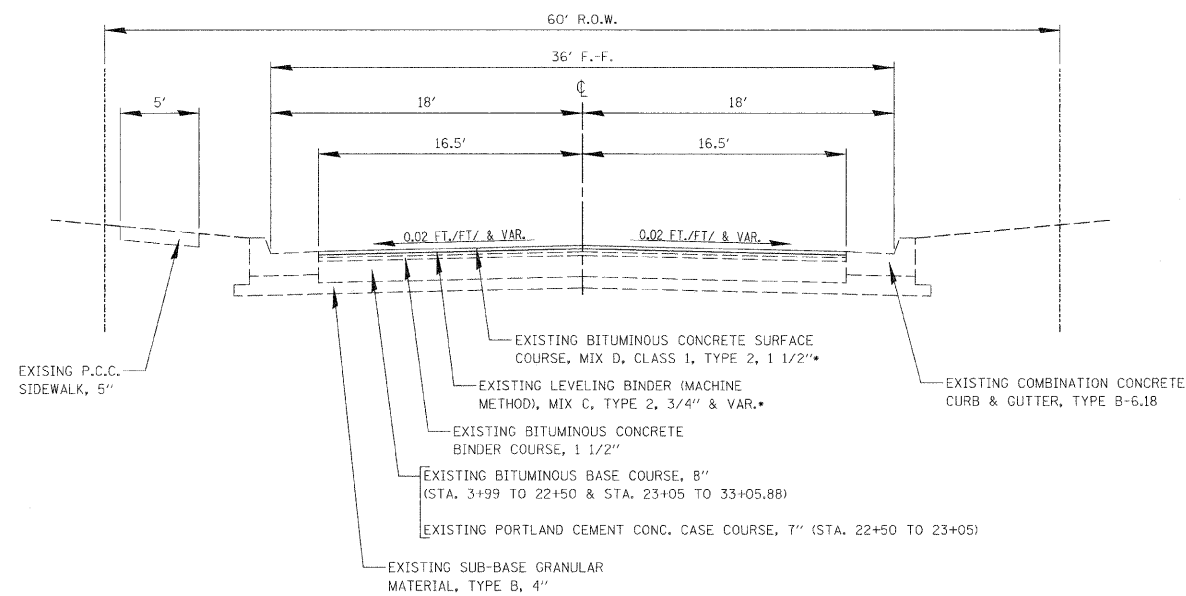
* - SPECIAL PROVISION

Δ SPECIALTY ITEMS

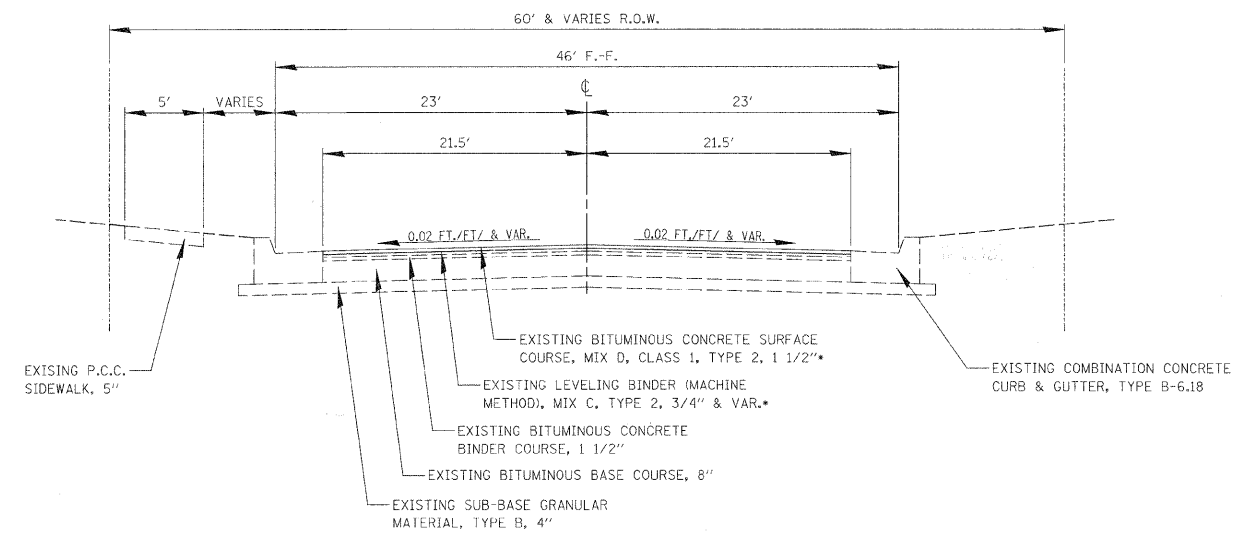
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PLOT SCALE = 1'	CHECKED - GC	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/27/2009	DATE -	REVISED -	CONTRACT NO. 63176								



EXISTING TYPICAL SECTION OF DEAN STREET WITH SUPERELEVATION
 STA. 285+97.16 TO 287+56.72
 SUPERELEVATION TRANSITION STATION 284+97.16 TO 285+97.16



EXISTING TYPICAL SECTION OF DEAN STREET WITH REGULAR CROWN
 STA. 254+30 TO 285+97.16



EXISTING TYPICAL SECTION OF 9TH STREET WITH REGULAR CROWN
 STA. 287+56.72 TO 289+90.68
 SUPERELEVATION TRANSITION STATION 287+56.72 TO 288+56.72

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		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

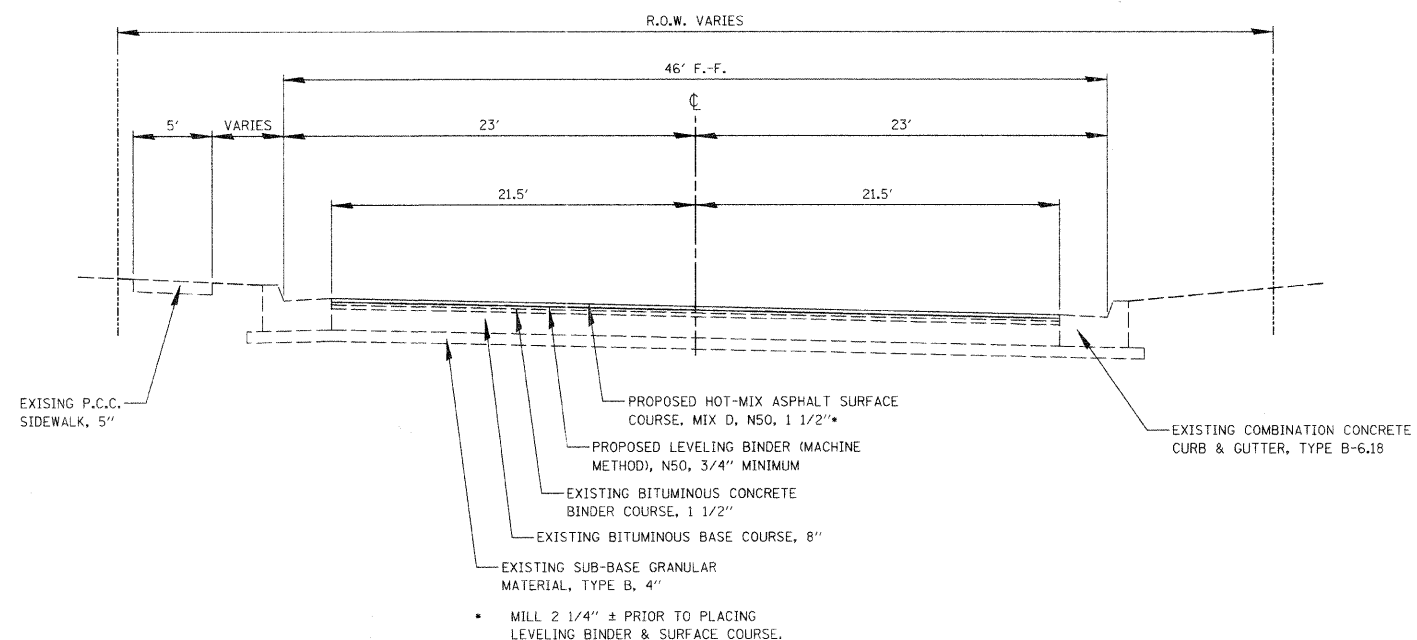
EXISTING TYPICAL CROSS SECTIONS DEAN STREET			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 35340	SECTION 08-0095-00-RS	COUNTY KANE	TOTAL SHEETS 10	SHEET NO. 3
CONTRACT NO. 63176				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

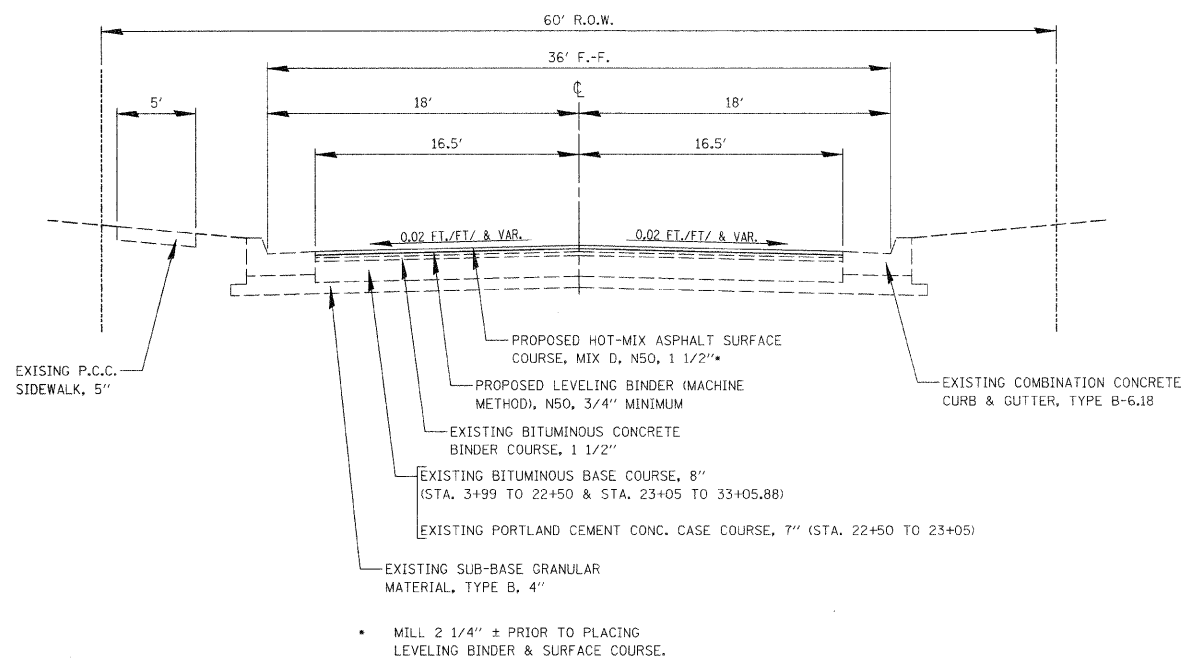
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5mm)	PG 64-22	4% @ 50 Gyr.
LEVELING BINDER (MACHINE METHOD), N50 (IL 9.5mm)	PG 64-22*	4% @ 50 Gyr.

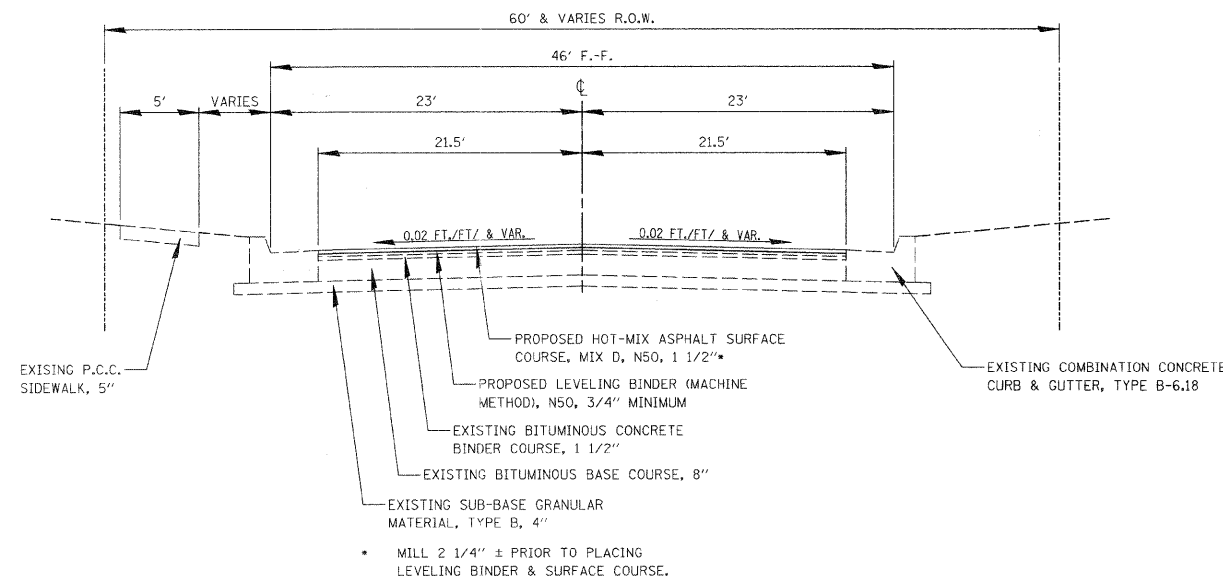
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 *WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.



PROPOSED TYPICAL SECTION OF DEAN STREET WITH SUPERELEVATION
 STA. 285+97.16 TO 287+56.72
 SUPERELEVATION TRANSITION STATION 284+97.16 TO 285+97.16



PROPOSED TYPICAL SECTION OF DEAN STREET WITH REGULAR CROWN
 STA. 254+30 TO 285+97.16



PROPOSED TYPICAL SECTION OF 9TH STREET WITH REGULAR CROWN
 STA. 287+56.72 TO 289+90.68
 SUPERELEVATION TRANSITION STATION 287+56.72 TO 288+56.72

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 PLOT DATE = 3/27/2009

DESIGNED - SRJ
 DRAWN - DJV
 CHECKED - GC
 DATE -

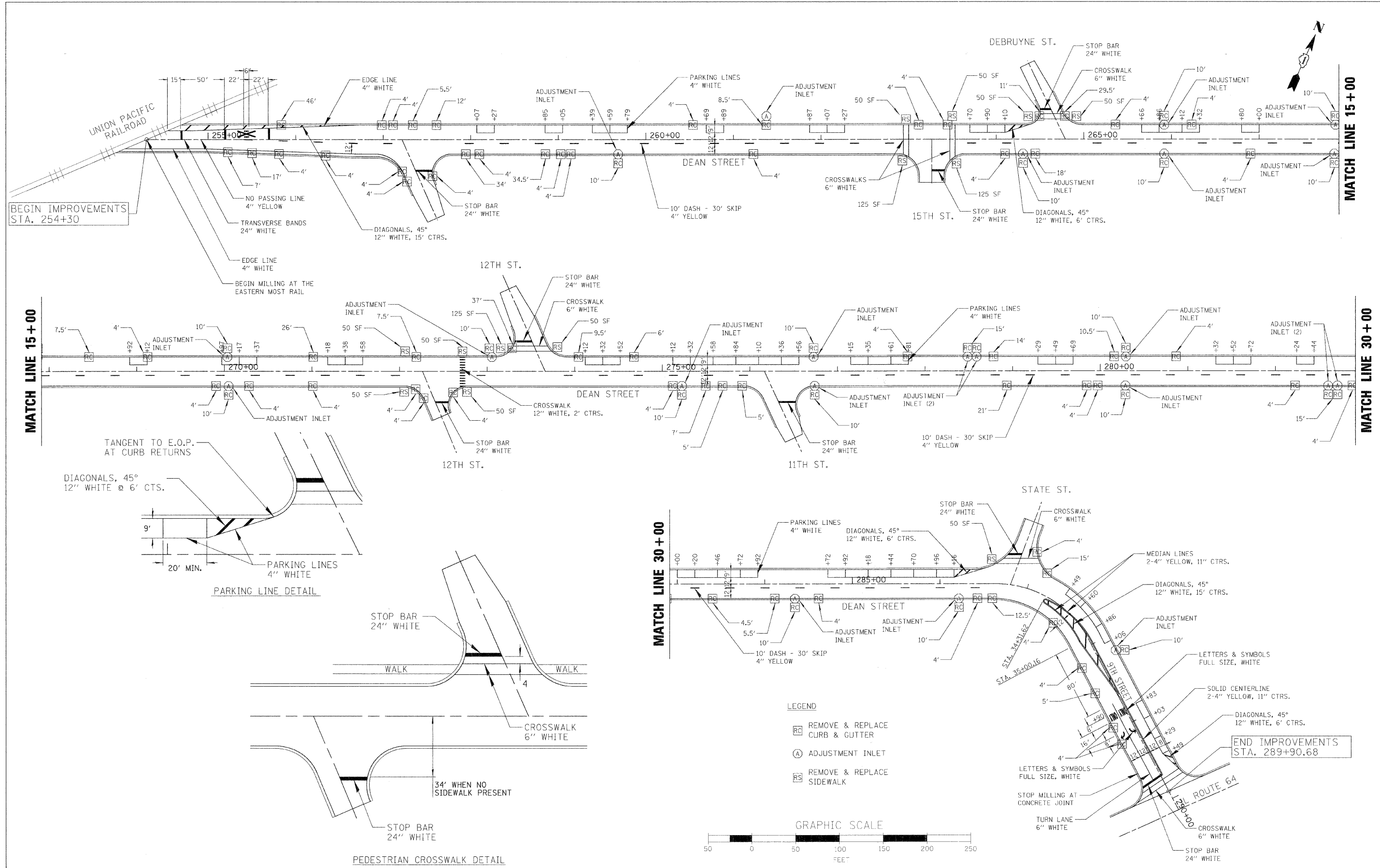
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED TYPICAL CROSS SECTIONS
 DEAN STREET**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35340	08-00095-00-RS	KANE	10	4
CONTRACT NO. 63176				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



BEGIN IMPROVEMENTS
STA. 254+30

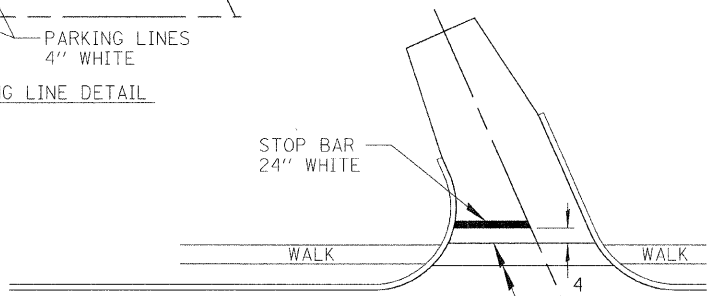
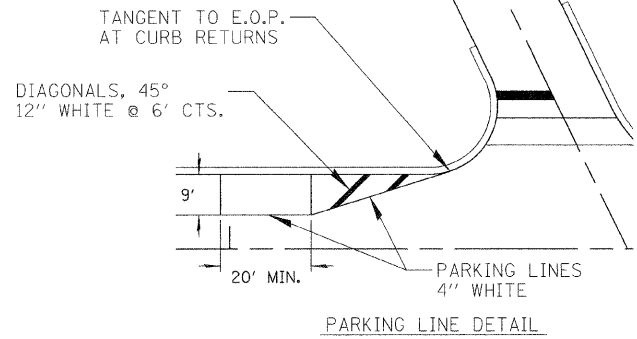
MATCH LINE 15+00

MATCH LINE 15+00

MATCH LINE 30+00

MATCH LINE 30+00

END IMPROVEMENTS
STA. 289+90.68



- LEGEND
- RC REMOVE & REPLACE CURB & GUTTER
 - A ADJUSTMENT INLET
 - RS REMOVE & REPLACE SIDEWALK



FILE NAME PWR 082079.01.SHT	USER NAME dvrmond	DESIGNED - SRJ	REVISED -
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		CHECKED - GC	REVISED -
		DATE	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

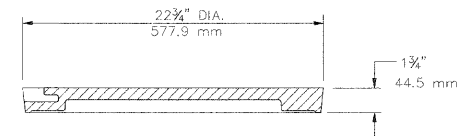
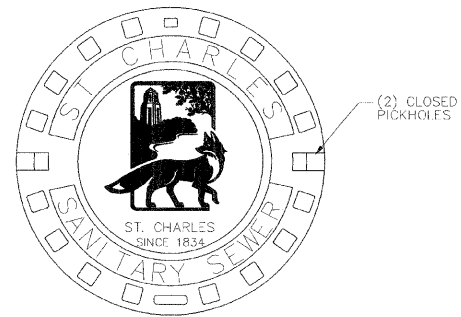
PAVEMENT MARKING PLAN DEAN STREET			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 35340	SECTION 08-00095-00-RS	COUNTY KANE	TOTAL SHEETS 10	SHEET NO. 5
CONTRACT NO. 63176				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STD. DRW. NO.
DATE: 04-20-00

SPECIAL LETTERED
R-1713 HDSI SANITARY COVER

1 1/2" (38.1 mm) LETTERS
(RECESSED FLUSH)



HEAVY DUTY
MATERIAL ASTM A48 CL 35
MACHINED BEARING SURFACE
COVER WT: 125 LBS (56.7 kg)

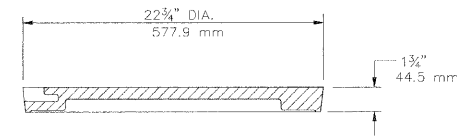
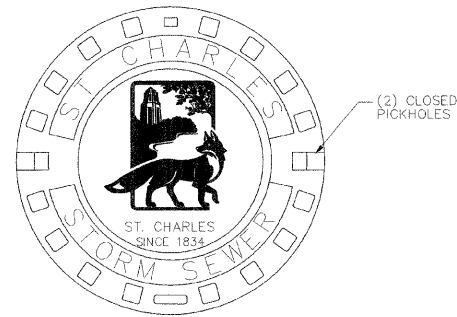
CITY OF ST. CHARLES

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STD. DRW. NO.
DATE: 04-20-00

SPECIAL LETTERED
R-1713 HDSI STORM SEWER COVER

1 1/2" (38.1 mm) LETTERS
(RECESSED FLUSH)



HEAVY DUTY
MATERIAL ASTM A48 CL 35
MACHINED BEARING SURFACE
COVER WT: 125 LBS (56.7 kg)

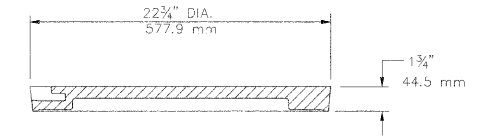
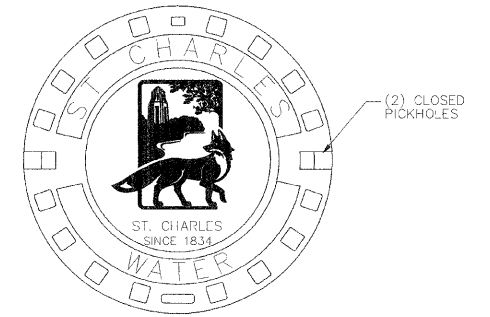
CITY OF ST. CHARLES

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STD. DRW. NO.
DATE: 04-20-00

SPECIAL LETTERED
R-1713 HDSI WATER COVER

1 1/2" (38.1 mm) LETTERS
(RECESSED FLUSH)



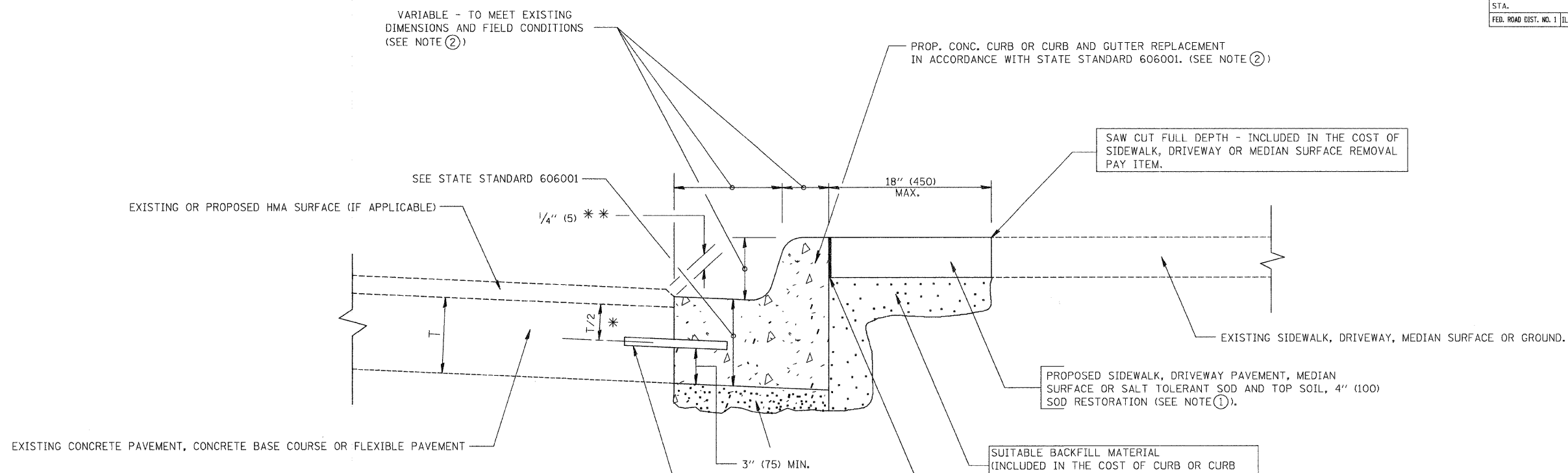
HEAVY DUTY
MATERIAL ASTM A48 CL 35
MACHINED BEARING SURFACE
COVER WT: 125 LBS (56.7 kg)

CITY OF ST. CHARLES

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FILE NAME = DET_080079_01.SHT	USER NAME = dsvrmond	DESIGNED = SRJ	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS DEAN STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1'	DRAWN = DJV	REVISED =			35340	08-00095-00-R5	KANE	10	6	
	PLOT DATE = 3/26/2009	CHECKED = GC	REVISED =			CONTRACT NO. 63176					
		DATE =	REVISED =			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- * * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SALT TOLERANT SOD AND TOP SOIL, 4" (100) RESTORATION WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

- ② CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ③ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ④ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑤ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑦ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

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

REVISIONS	
NAME	DATE
A. HOUSEH	03/11/94
R. SHAH	02/24/95
R. SHAH	03/02/95
R. SHAH	08/19/96
R. SHAH	09/12/96
R. SHAH	09/19/96
R. SHAH	10/03/96
A. ABBAS	03/21/97
M. GOMEZ	01/22/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

SCALE: VERT. NONE
HORIZ. DRAWN BY
CHECKED BY
BD600-06 (BD-24)

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

FILE NAME = DFT 080979.D2.SHT	USER NAME = diamond	DESIGNED - SRJ	REVISED -
		DRAWN - DJV	REVISED -
		CHECKED - GC	REVISED -
		DATE -	REVISED

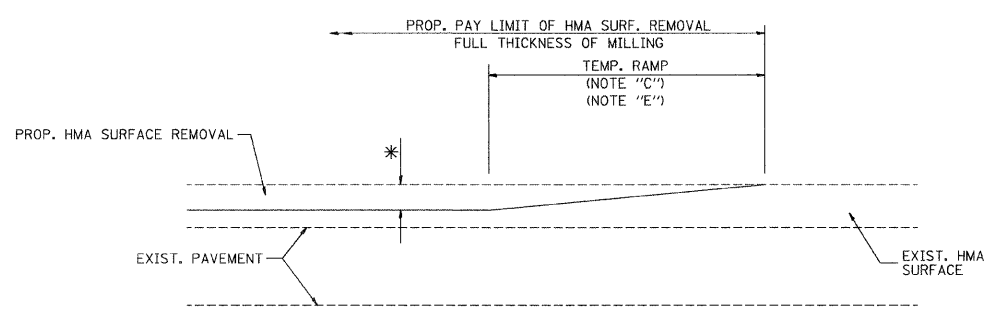
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS DEAN STREET			
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.

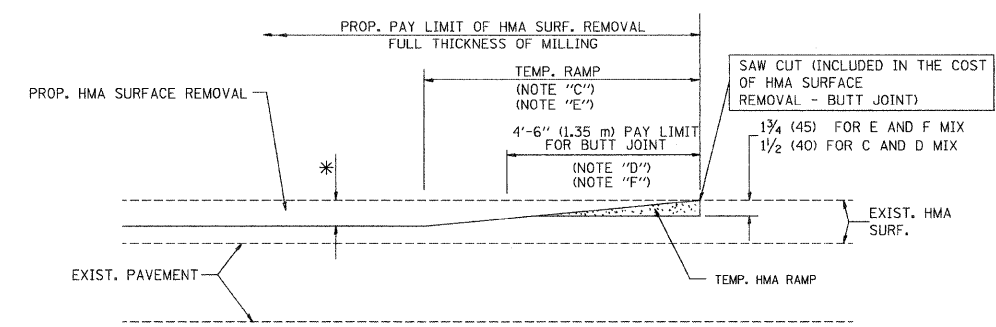
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
35340	08-00095-00-RS	KANE	10	7
CONTRACT NO. 63176				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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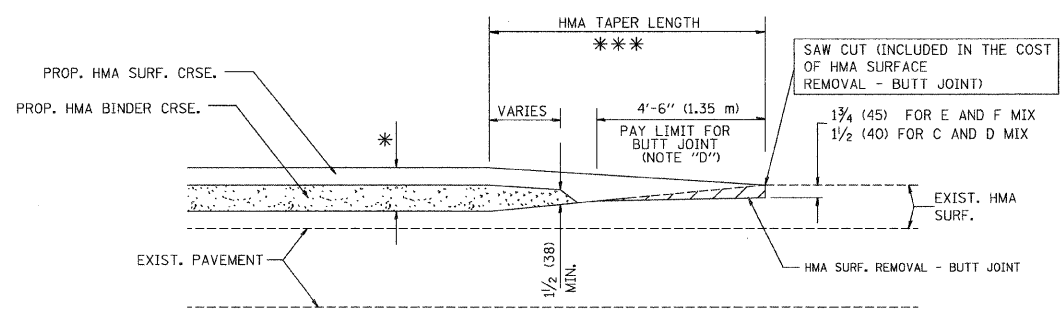
CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



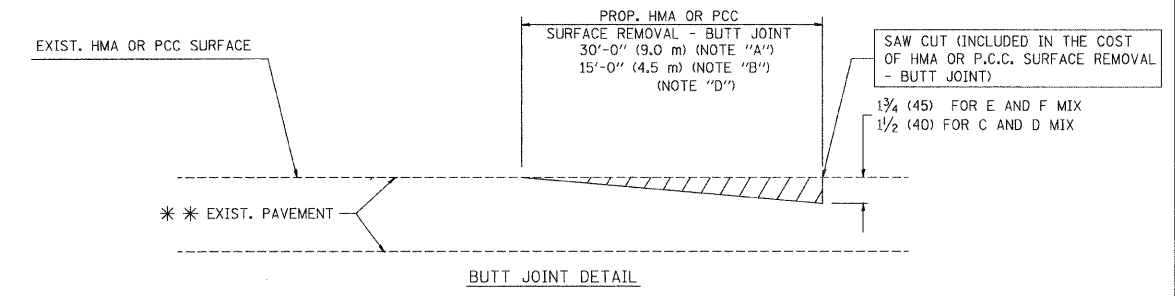
OPTION 1
MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)



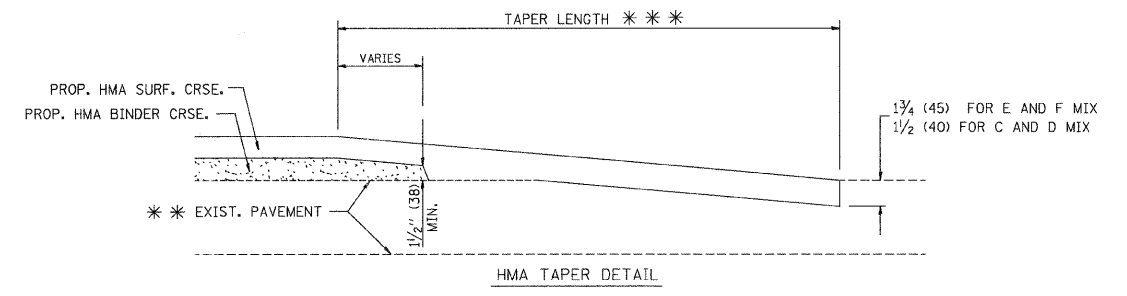
OPTION 2
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)



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")

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

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".

REVISIONS	
NAME	DATE
M. DE YONG	6-13-90
M. DE YONG	7-3-90
M. DE YONG	3-27-92
R. SHAH	09/09/94
R. SHAH	10/25/94
A. ABBAS	03/21/97
M. GOMEZ	04/06/01
R. BORO	01/01/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

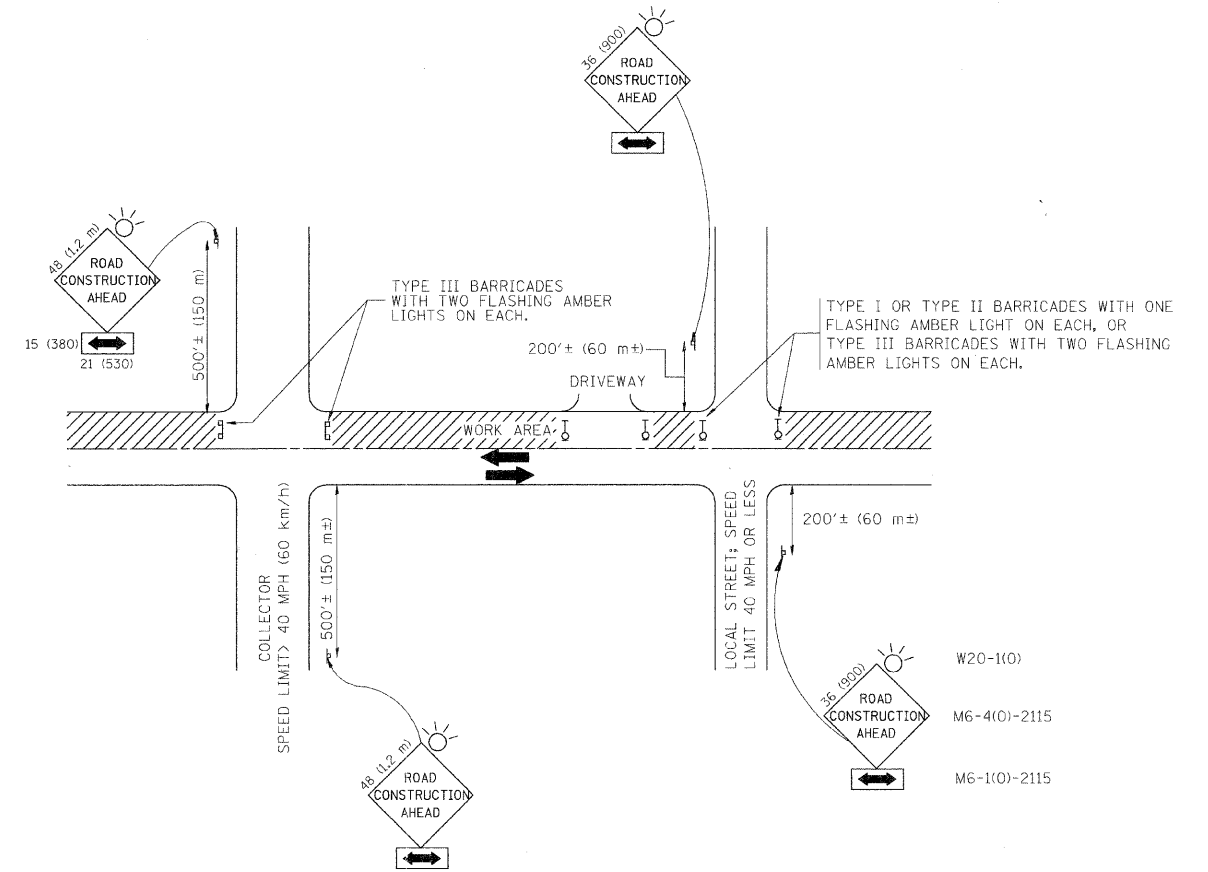
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HORIZ.

DRAWN BY
CHECKED BY

BD400-05 (VI-B032)

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 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = bbornd

FILE NAME = DET_080079_03.S4T	USER NAME = dvsrmond	DESIGNED - SRJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS DEAN STREET	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1'	DRAWN - DJV	REVISED -			35340	08-00095-00-RS	KANE	10	8	
	PLOT DATE = 3/26/2009	CHECKED - GC	REVISED -			CONTRACT NO. 63176					
		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



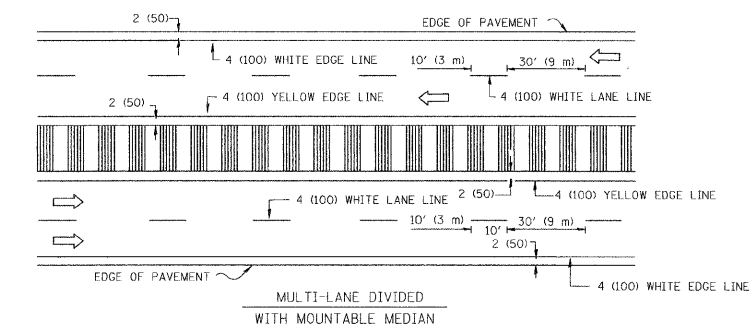
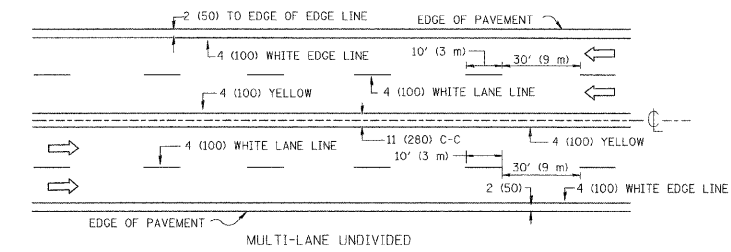
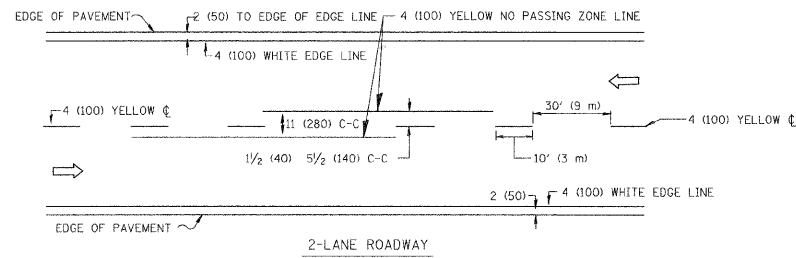
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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.

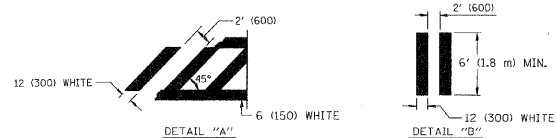
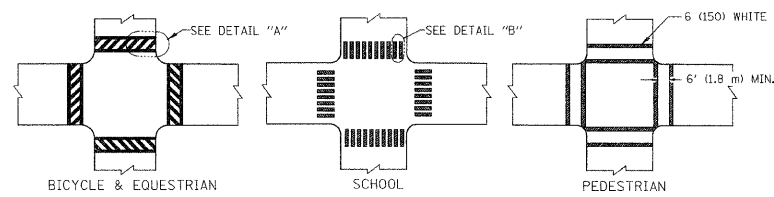
All dimensions are in millimeters (inches) unless otherwise shown.

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	PLOT SCALE = 50.000 1/4 IN.	DRAWN -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-10 CONTRACT NO.				
	PLOT DATE = 1/4/2009	CHECKED -	REVISED - A. HOUSEH 10-15-96					FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				TOTAL SHEETS
FILE NAME = DET_080079_04.SHT	USER NAME = dvrmond	DESIGNED - SRJ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS DEAN STREET			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 1'	DRAWN - DJV	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	35340	08-00095-00-RS	KANE	10	9
	PLOT DATE = 3/25/2009	CHECKED - GC	REVISED -					CONTRACT NO. 63176				
		DATE - 06-89	REVISED - T. RAMMACHER 01-06-00				FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				TOTAL SHEETS	SHEET NO.

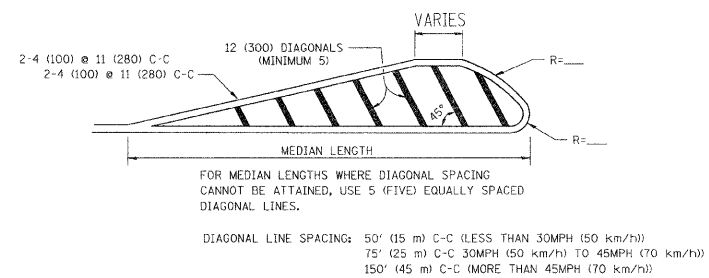
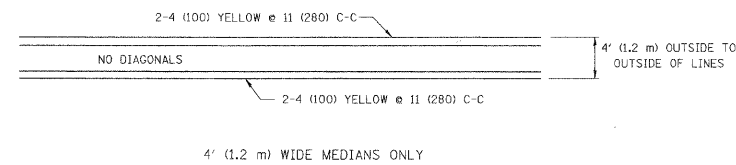


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

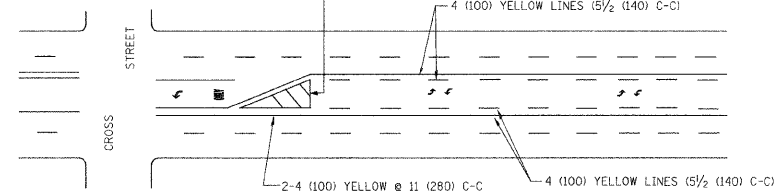
TYPICAL LANE AND EDGE LINE MARKING



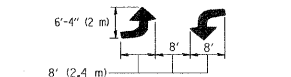
TYPICAL CROSSWALK MARKING



MEDIANS OVER 4' (1.2 m) WIDE

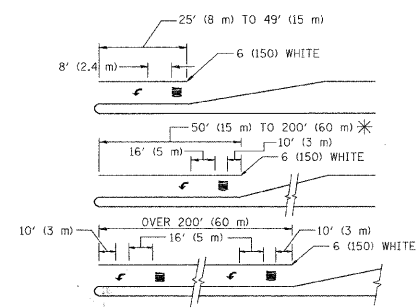


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

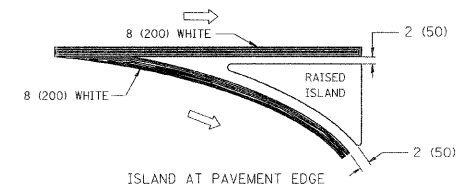
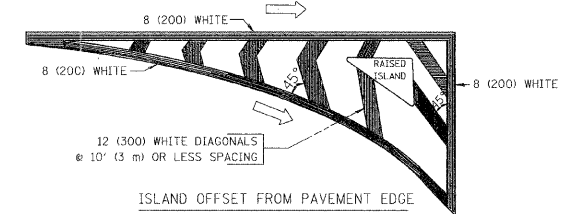


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
* AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

* 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 LEFT (OR RIGHT) TURN LANE

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	4 (100)	SOLID	YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE
NO PASSING ZONE LINES FOR BOTH DIRECTIONS	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100)	SKIP-DASH	WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
LANE LINES	5 (125)	SKIP-DASH	WHITE	ON FREEWAYS
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	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
TWO WAY LEFT TURN MARKING	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN)	2 @ 6 (150)	SOLID	WHITE	NOT LESS THAN 6' (1.8 m) APART
A. DIAGONALS (BIKE & EQUESTRIAN)	12 (300) @ 45°	SOLID	WHITE	2' (600) APART
B. LONGITUDINAL BARS (SCHOOL)	12 (300) @ 90°	SOLID	WHITE	2' (600) APART
STOP LINES	24 (600)	SOLID	WHITE	SEE TYPICAL CROSSWALK MARKING DETAILS.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	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 = W:\distd\22x34\vc13.dgn	USER NAME = gaelimobt	DESIGNED - EVERS	REVISED -T, RAMMACHER 10-27-94
		DRAWN -	REVISED -A, HOUSEH 10-09-96
	PLOT SCALE = 50.000' / IN.	CHECKED -	REVISED -A, HOUSEH 10-17-96
	PLOT DATE = 1/4/2008	DATE - 03-19-90	REVISED -T, RAMMACHER 01-06-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		35340	08-00095-00-RS	KANE	10	10
SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	
		FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 63176		

FILE NAME = DST_080079_05.SH	USER NAME = dvrmond	DESIGNED - SRJ	REVISED -
		DRAWN - DJV	REVISED -
	PLOT SCALE = 1"	CHECKED - GC	REVISED -
	PLOT DATE = 3/26/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DEAN STREET		35340	08-00095-00-RS	KANE	10	10
SCALE:		SHEET NO. OF SHEETS		STA.	TO STA.	
		FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT		CONTRACT NO. 63176		