

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

M.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	2023 ROD YARD PARKING	COOK	11	1
		ILLINOIS	CONTRACT NO. 62V99	

D-91-076-24

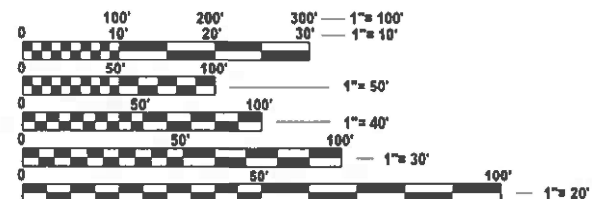


FOR INDEX OF SHEETS, SEE SHEET NO.

THIS PROJECT IS LOCATED IN
THE VILLAGE OF SCHAUMBURG

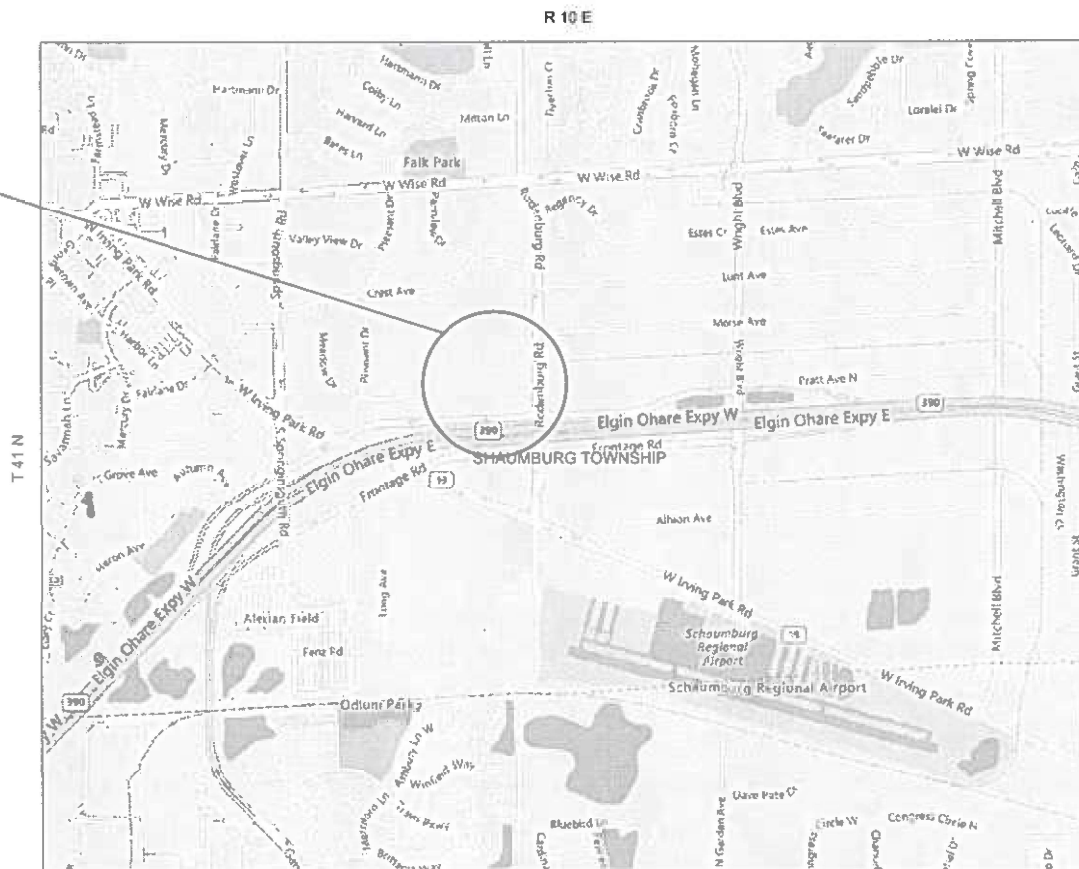
**PROPOSED
HIGHWAY PLANS**
MS ROUTE 666 (RODENBURG RD.)
SECTION 2023 ROD YARD PARKING
CURB & GUTTER, PARKING IMPROVEMENT
COOK COUNTY
C-91-085-24

RODENBURG MAINTENANCE YARD
1480 RODENBURG RD, SCHAUMBURG, IL 60193



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



PROJECT ENGINEER: RODRIGO LEDEZMA (847) 705-4580
PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056

CONTRACT NO. 62V99

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 20 2024
[Signature] REGIONAL ENGINEER

August 16, 2024
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

August 16, 2024
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5	ROADWAY PLANS
6	PROPOSED GRADING PLAN
7	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 M) (BD-01)
8	FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
9	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
10	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
11	ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN, SLOPE (PD-01)

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
604001-05	FRAME AND LIDS TYPE 1
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE RODENBURG TEAM SECTION ACTING OPERATIONS SUPERVISOR MARIE PORTIS AT 630-351-3260, AND THE FLEET OPERATIONS TEAM SECTION OPERATIONS SUPERVISOR MICKAEL MULLER AT 630-351-3523.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
- BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 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.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL 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 SHALL DELIVER THE RECORD TO THE ENGINEER.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 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 ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
- BEFORE COMMENCING ANY WORK, THE CONTRACTOR MUST CONTACT IDOT DISTRICT 1 ELECTRICAL MAINTENANCE CONTRACTOR (EMC) MEADE ELECTRIC: TED TROYNER, 1-708-588-2544 FOR IDOT OWNED UNDERGROUND LIGHTING FACILITIES (CABLES, CONDUITS ETC.) IDENTIFICATION.

MODEL: GenNotesSh01 [Sheet]
FILE NAME: c:\p\work\idot\contract\p\0923097\ID107624-shr-gennote.dgn

USER NAME = Jacob.Roth	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEET, STATE STANDARDS, GENERAL NOTE RODENBURG MAINTENANCE YARD	M.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED -			666	2023 ROD YARD PARKING	COOK	11	2	
PLOT DATE = 7/10/2024	CHECKED -	REVISED -			CONTRACT NO. 62V99					
	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET	OF	1	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
				URBAN					
				ROADWAY					
				100% STATE					
Code No.	Item	Unit	Total Quantity	0004					
20200100	EARTH EXCAVATION	CU YD	4305	4305					
31101400	SUBBASE GRANULAR MATERIAL, TYPE B 6"	SQ YD	20663	20663					
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	46492	46492					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8789	8789					
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	3472	3472					
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	2510	2510					
42001300	PROTECTIVE COAT	SQ YD	569	569					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	261	261					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	300	300					
42400800	DETECTABLE WARNINGS	SQ FT	20	20					
44000100	PAVEMENT REMOVAL	SQ YD	20663	20663					
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	9216	9216					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	261	261					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	212	212					
44000600	SIDEWALK REMOVAL	SQ FT	300	300					
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	56	56					
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	50	50					
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	24	24					
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	306	306					
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	139	139					
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	116	116					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2650	2650					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					
				URBAN					
				ROADWAY					
				100% STATE					
Code No.	Item	Unit	Total Quantity	0004					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4					
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	4	4					
67100100	MOBILIZATION	L SUM	1	1					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	19	19					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1253	1253					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	202	202					
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	1279	1279					
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	400	400					
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12					
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	2	2					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	10	10					
Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	4	4					

* SPECIALTY ITEM

MODEL: SOQ (Sheet)
FILE NAME: c:\paw\work\rod\proj\62\0923097\ID107624-4-1ht-SOQ.dgn

USER NAME = Jacob.Roth	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 7/12/2024	DATE -	REVISED -

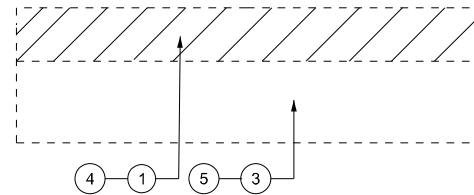
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
RODENBURG MAINTENANCE YARD**

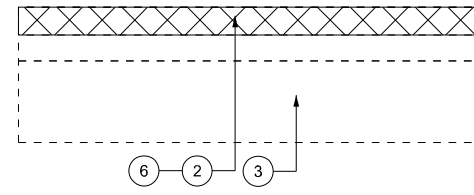
SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.

M.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	2023 ROD YARD PARKING	COOK	11	3
CONTRACT NO. 62V99				
ILLINOIS FED. AID PROJECT				

RODENBURG MAINTENANCE YARD



EXISTING TYPICAL SECTION
(PAVEMENT RECONSTRUCTION)

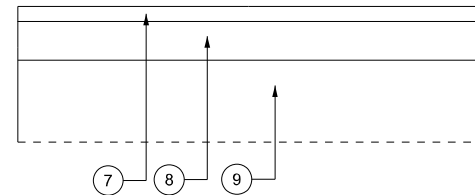


EXISTING TYPICAL SECTION
(RESURFACING)

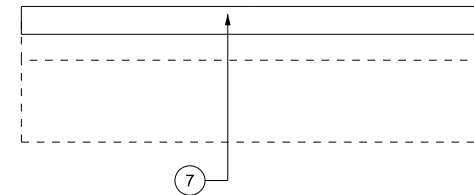
LEGEND

- ① EXISTING HMA PAVEMENT - 3"
- ② EXISTING HMA PAVEMENT 3 - 7"
- ③ EXISTING SUBGRADE 7½"
- ④ PROPOSED PAVEMENT REMOVAL
- ⑤ PROPOSED SUBGRADE REMOVAL (EARTH EXCAVATION) 7 ½"
- ⑥ PROPOSED HMA SURFACE REMOVAL, 1 ½"
- ⑦ PROPOSED HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "D", N70 , 1 ½"
- ⑧ PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3"
- ⑨ PROPOSED SUBBASE GRANULAR MATERIAL TYPE B, 6"

RODENBURG MAINTENANCE YARD



PROP. TYPICAL SECTION
(PAVEMENT RECONSTRUCTION)



PROP. TYPICAL SECTION
(RESURFACING)

THE CONTRACTOR SHALL PATCH FIRST THEN MILL

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS(%) @ N _{DES.}	
PAVEMENT RECONSTRUCTION		
HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "D", N70 , 1½"	4% @ 70 GYR	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3"	4% @ 70 GYR	QC/QA
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE IL-9.5, MIX "D", N70, 1½"	4% @ 70 GYR	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE(QA/QC); QUALITY CONTROL FOR PERFORMANCE(QCP); PAY FOR PERFORMANCE(PFP)		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE 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 RECLAIMED MATERIALS SPECIFICATIONS.

MODEL: TYPICAL SECTIONS (Sheet)
FILE NAME: c:\p\work\rod\illinois.gov_baraa_alsmadi\illinois.gov_baraa_alsmadi\st-typical.dgn

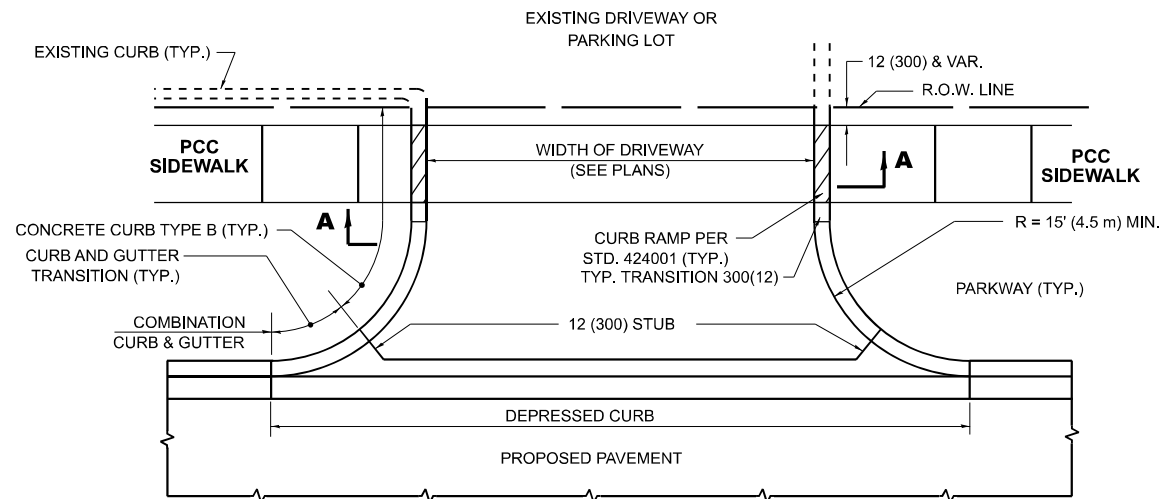
USER NAME = Baraa.Alsmadi	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 4/19/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

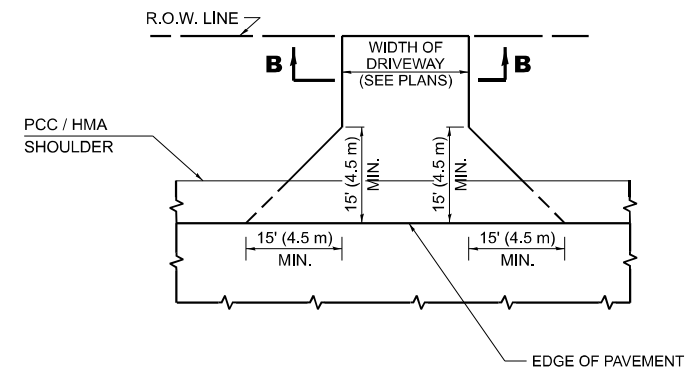
RODENBURG MAINTENANCE YARD
TYPICAL SECTION

SCALE: SHEET OF 1 SHEETS STA. TO STA.

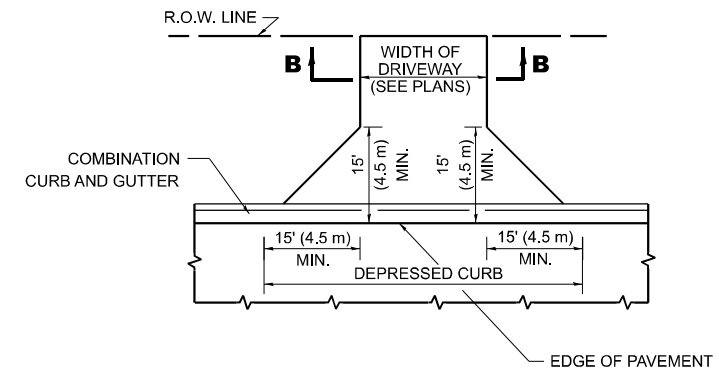
M.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	2023 ROD YARD PARKING	COOK	8	4
CONTRACT NO. 62V99				
ILLINOIS FED. AID PROJECT				



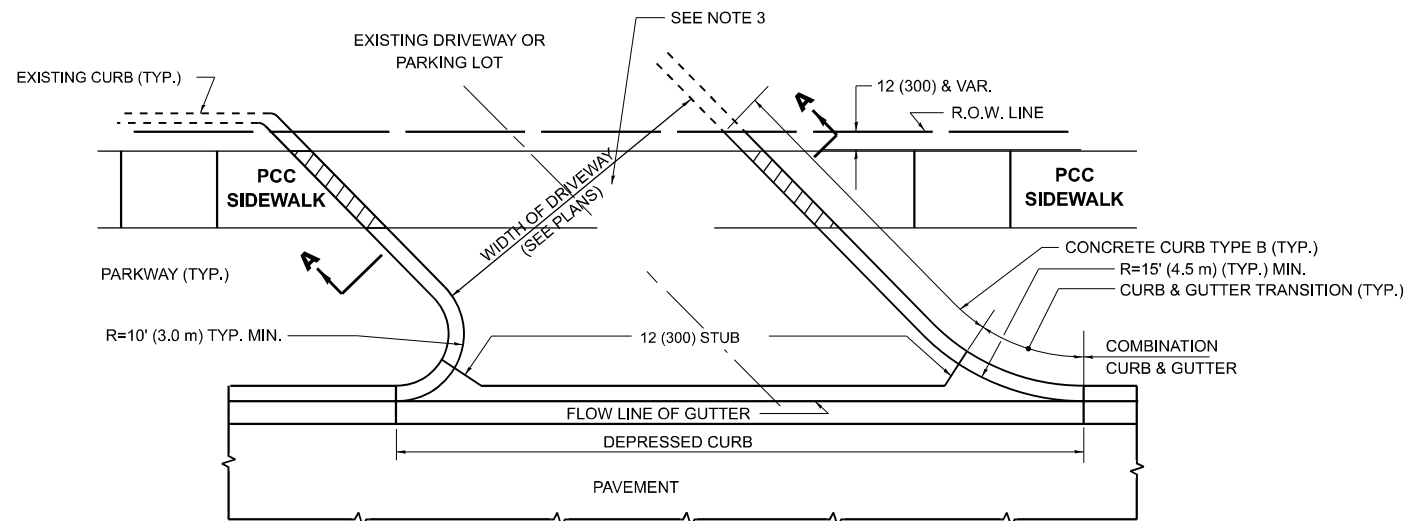
WITH CONCRETE CURB, TYPE B



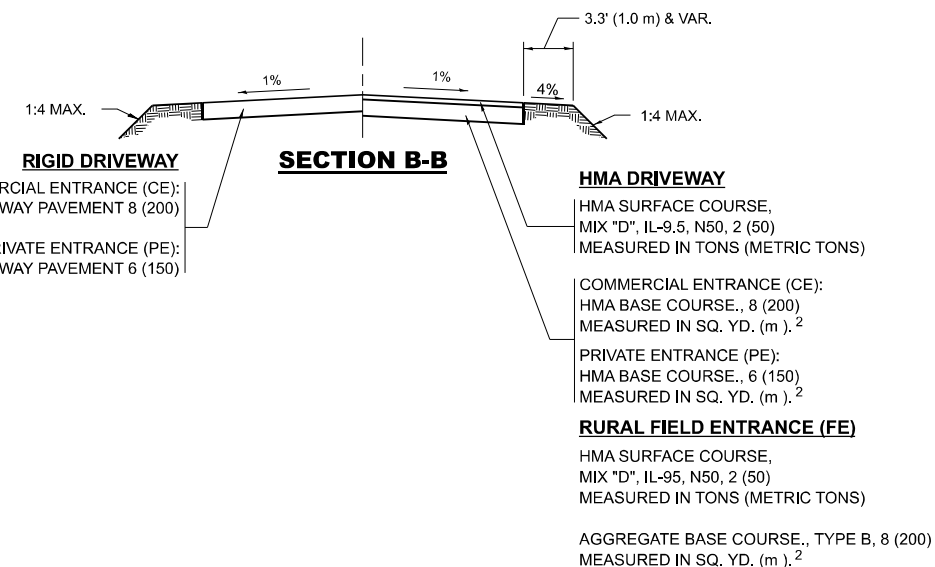
ADJACENT TO PCC / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



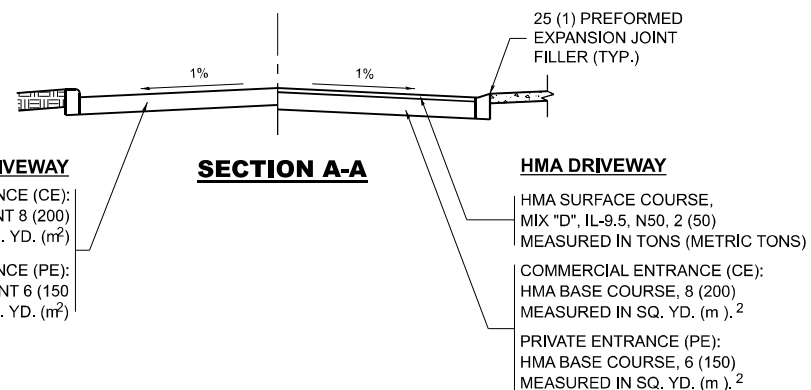
WITH CONCRETE CURB, TYPE B



SECTION B-B

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.
2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.



SECTION A-A

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

MODEL: BD-01 (Sheet)
FILE NAME: c:\paw_work\work\road\road\0923097\107624-shd-Dist\Std.dgn

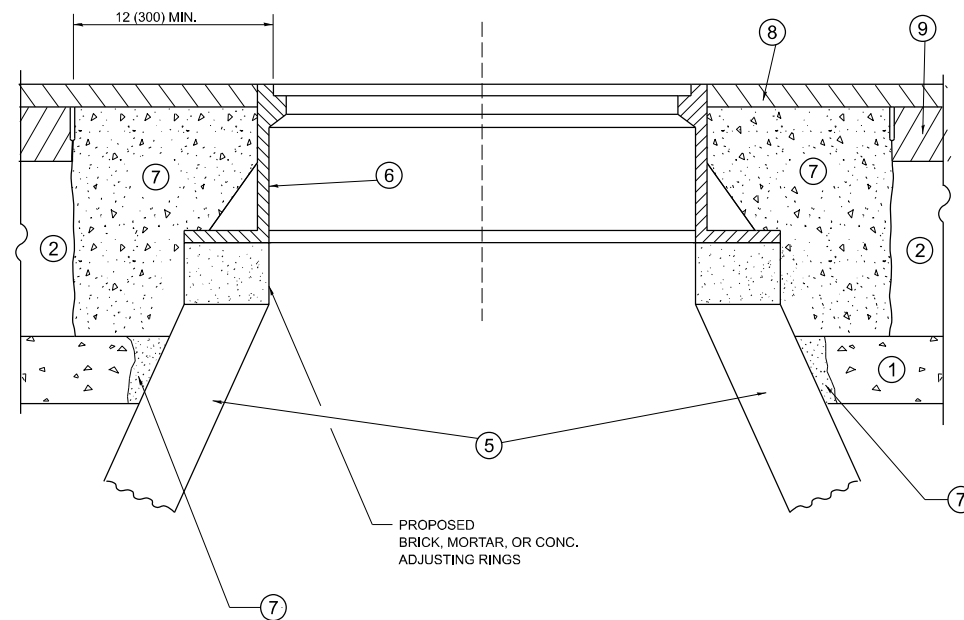
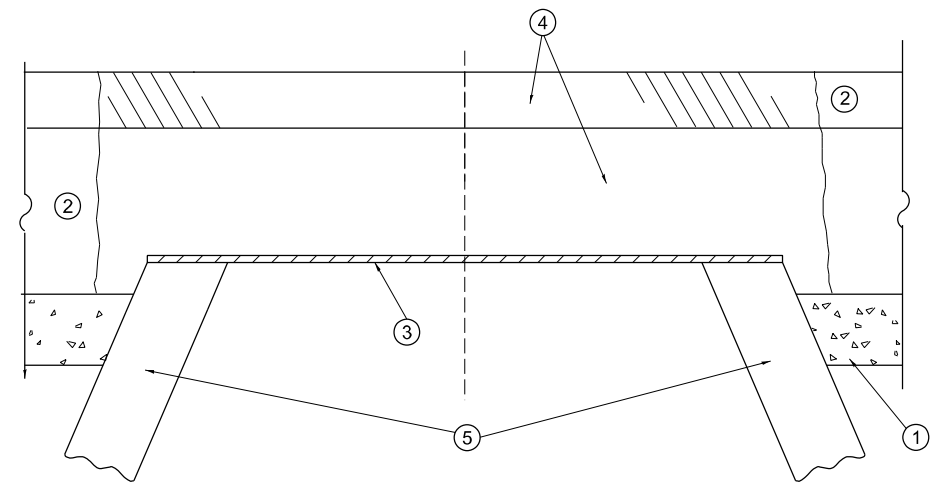
USER NAME = Jacob.Roth	DESIGNED -	REVISED - R. BORO 06-11-08
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED - R. BORO 09-06-11
PLOT DATE = 7/10/2024	CHECKED -	REVISED - K. SMITH 08-28-19
	DATE -	REVISED - K. SMITH 11-18-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER >15'(4.5m)**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.M. \$ RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	2023 ROD YARD PARKING	COOK	11	7
BD400-01 (BD-01)			CONTRACT NO. 62V99	
ILLINOIS FED. AID PROJECT				



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

NOTES

1. 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.
2. 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.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

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 HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

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

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

1. 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)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. 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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: BD-08 (Sheet)
FILE NAME: c:\paw_work\work\control\p\0923097\107624-4-h-Dist\Dist.dgn

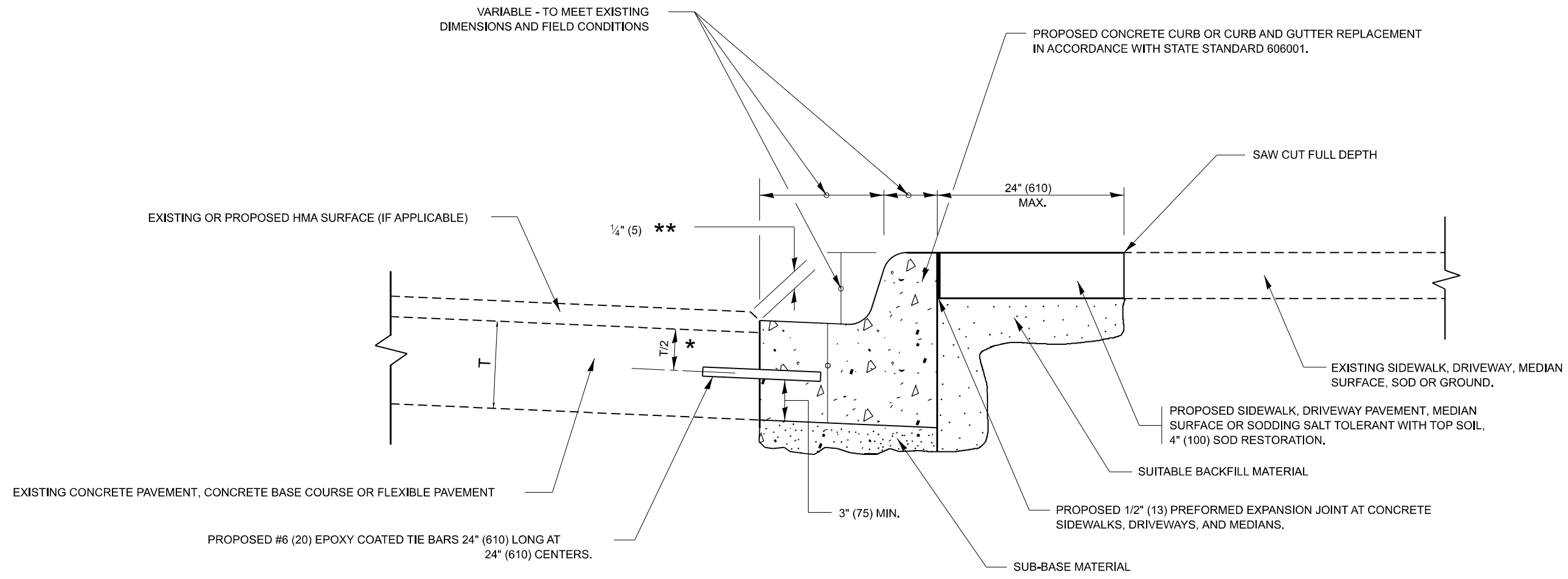
USER NAME = Jacob.Roth	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11
PLOT SCALE = 0.16666633' / in.	DRAWN -	REVISED - R. BORO 12-06-11
PLOT DATE = 7/10/2024	CHECKED -	REVISED - K. SMITH 11-18-22
	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.M. \$ RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	2023 ROD YARD PARKING	COOK	11	8
BD600-03 (BD-08)			CONTRACT NO. 62V99	
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.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

MODEL: BD-24 (Sheet) FILE NAME: c:\p\work\wisconsin\proj\0923097\107624-4ht-Dist\Std.dgn

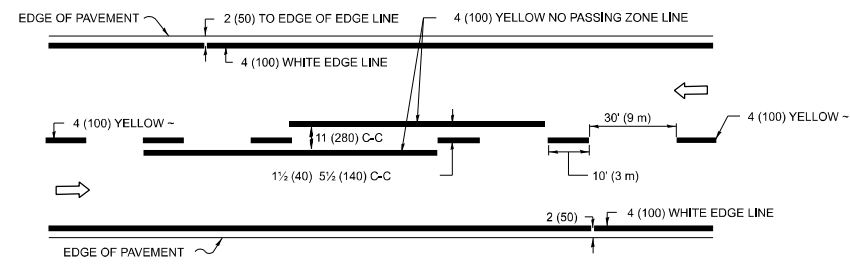
USER NAME = Jacob.Roth	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 0.16666633' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/10/2024	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

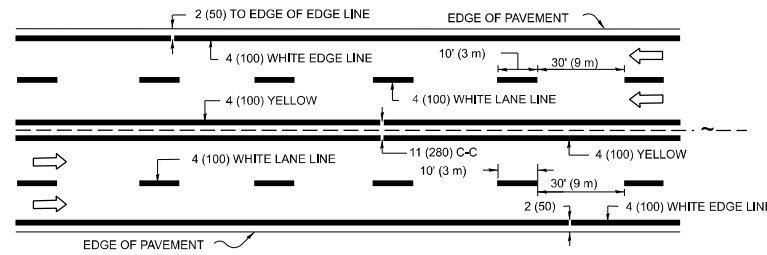
**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

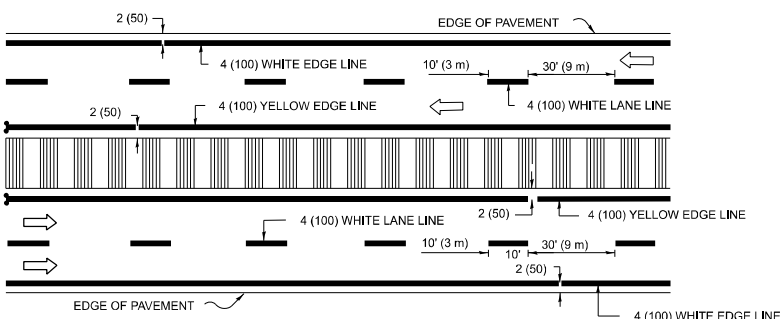
F.A.M. \$ RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	2023 ROD YARD PARKING	COOK	11	9
BD600-06 (BD-24)			CONTRACT NO. 62V99	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

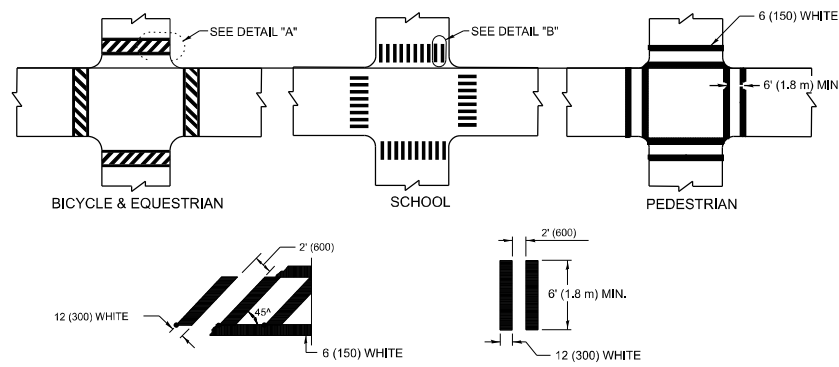


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

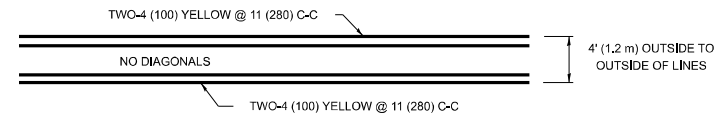


DETAIL "A"

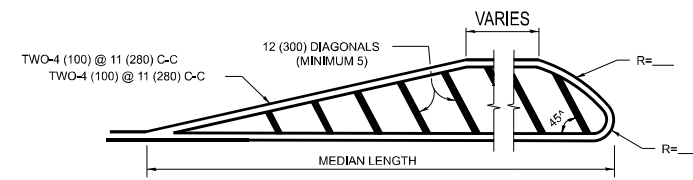
DETAIL "B"

TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

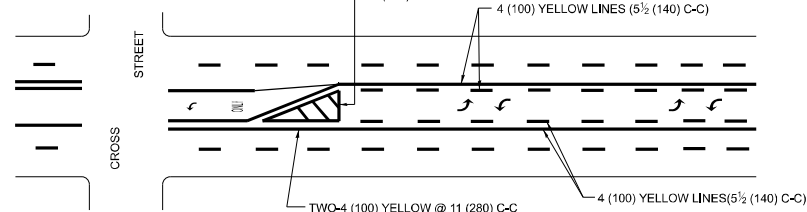


4' (1.2 m) WIDE MEDIANS ONLY



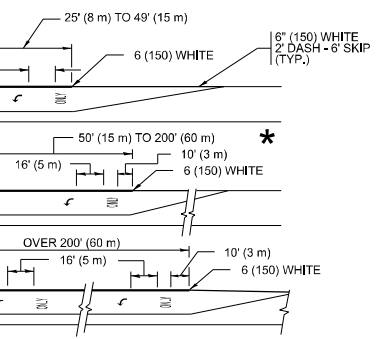
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



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

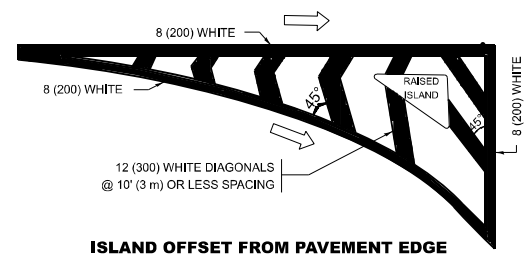


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

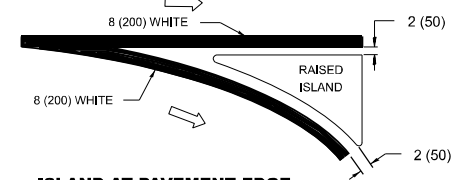
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

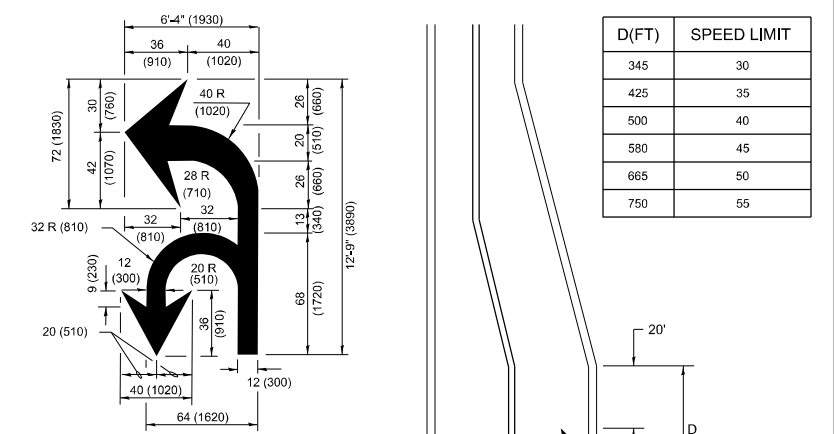


ISLAND OFFSET FROM PAVEMENT EDGE

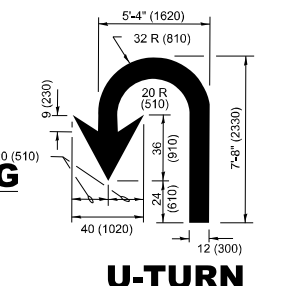


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

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 1/2 (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 MEDIANS IN YELLOW
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 1/2 (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: 15 (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 (REQUIRED FOR SHOULDERS ≥ 8')	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))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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.

MODEL: TC-13 (Sheet)
FILE NAME: c:\p\work\wv\control\p\0923897\ID107624-sh-TypPavMark.dgn

USER NAME = Jacob.Roth	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 0.16666833 / in.	DRAWN - C. JUCIUS 07-01-13	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 7/10/2024	CHECKED -	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

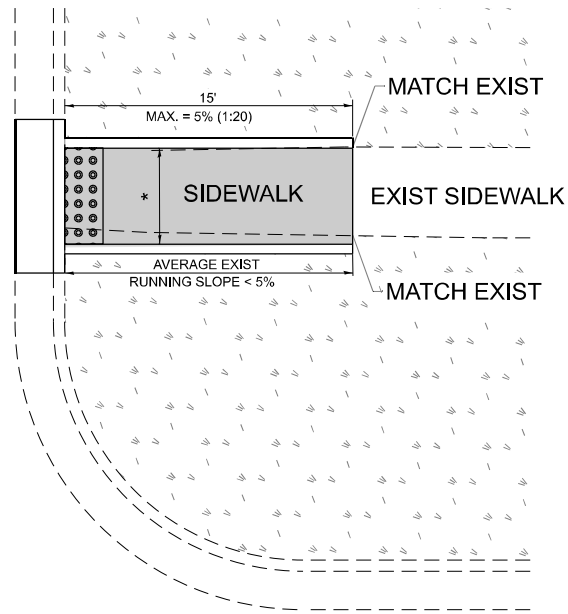
DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

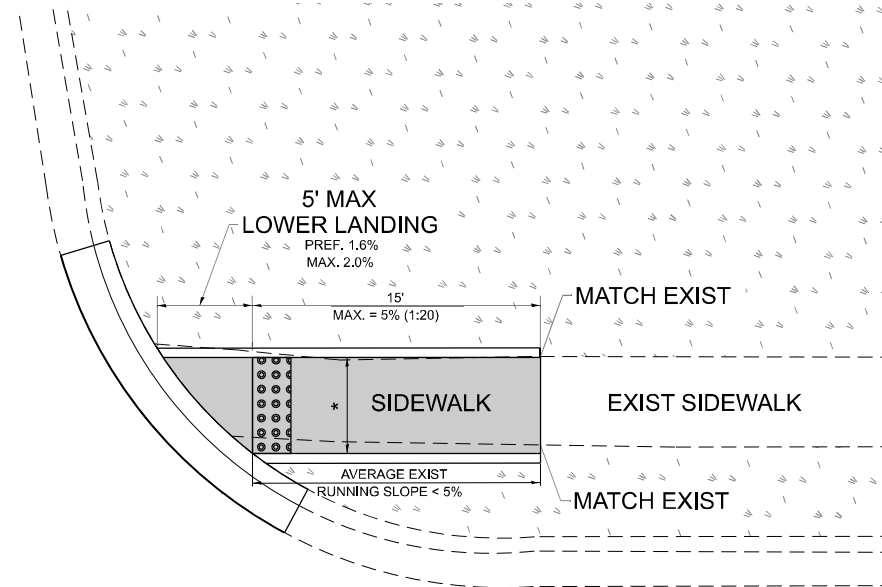
F.A.M.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	2023 ROD YARD PARKING	COOK	11	10
TC-13		CONTRACT NO. 62V99		

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

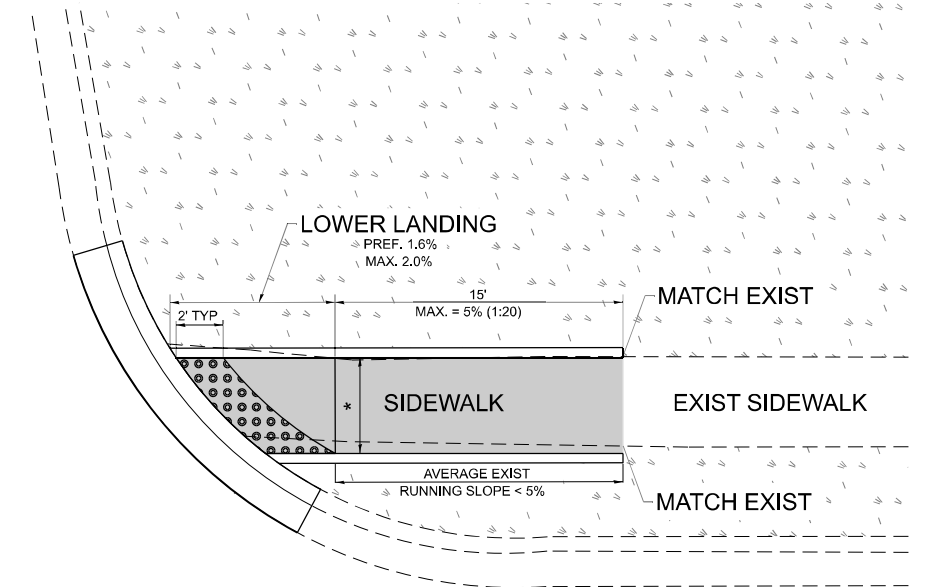
PD-01A






PD-01B



PD-01C



LEGEND

-  PROPOSED SIDE CURB
-  EXIST. GRASS
-  PROPOSED SIDEWALK
-  DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

MODEL: PD-01 (Sheet)
FILE NAME: c:\pwworking\roth\p\0923097\107624-sh-Dwg-Side.dgn

USER NAME = Jacob.Roth	DESIGNED -	REVISED -
DRAWN - R. LEDEZMA	CHECKED -	REVISED -
PLOT SCALE = 0.16666633' / in.	DATE - 10/02/2019	REVISED -
PLOT DATE = 7/10/2024		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.M. \$ RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
666	2023 ROD YARD PARKING	COOK	11	11
PD-01			CONTRACT NO. 62V99	
ILLINOIS FED. AID PROJECT				