

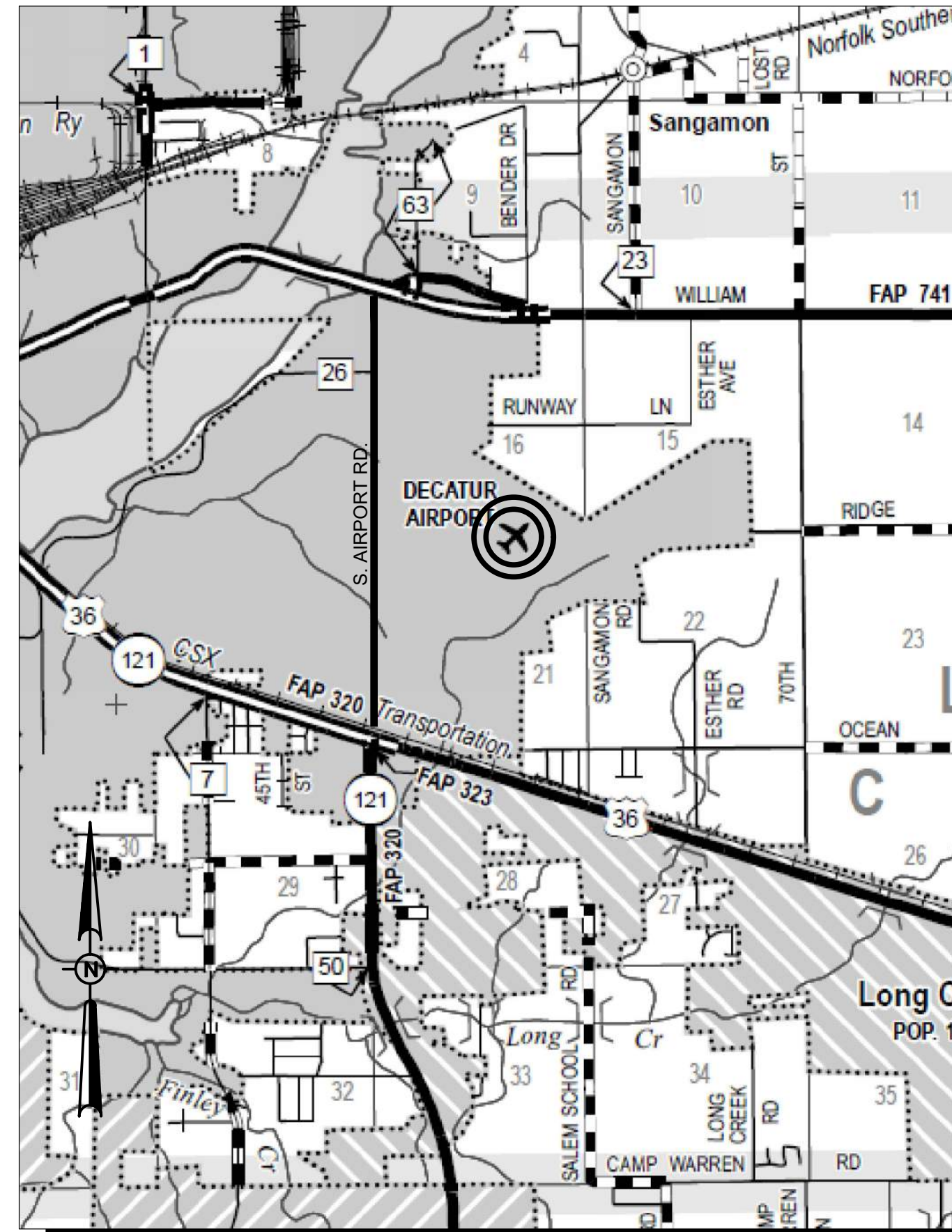
**CONSTRUCTION PLANS**

**RECONSTRUCT SELECT PORTIONS OF AIRPORT  
TERMINAL ENTRANCE ROAD**

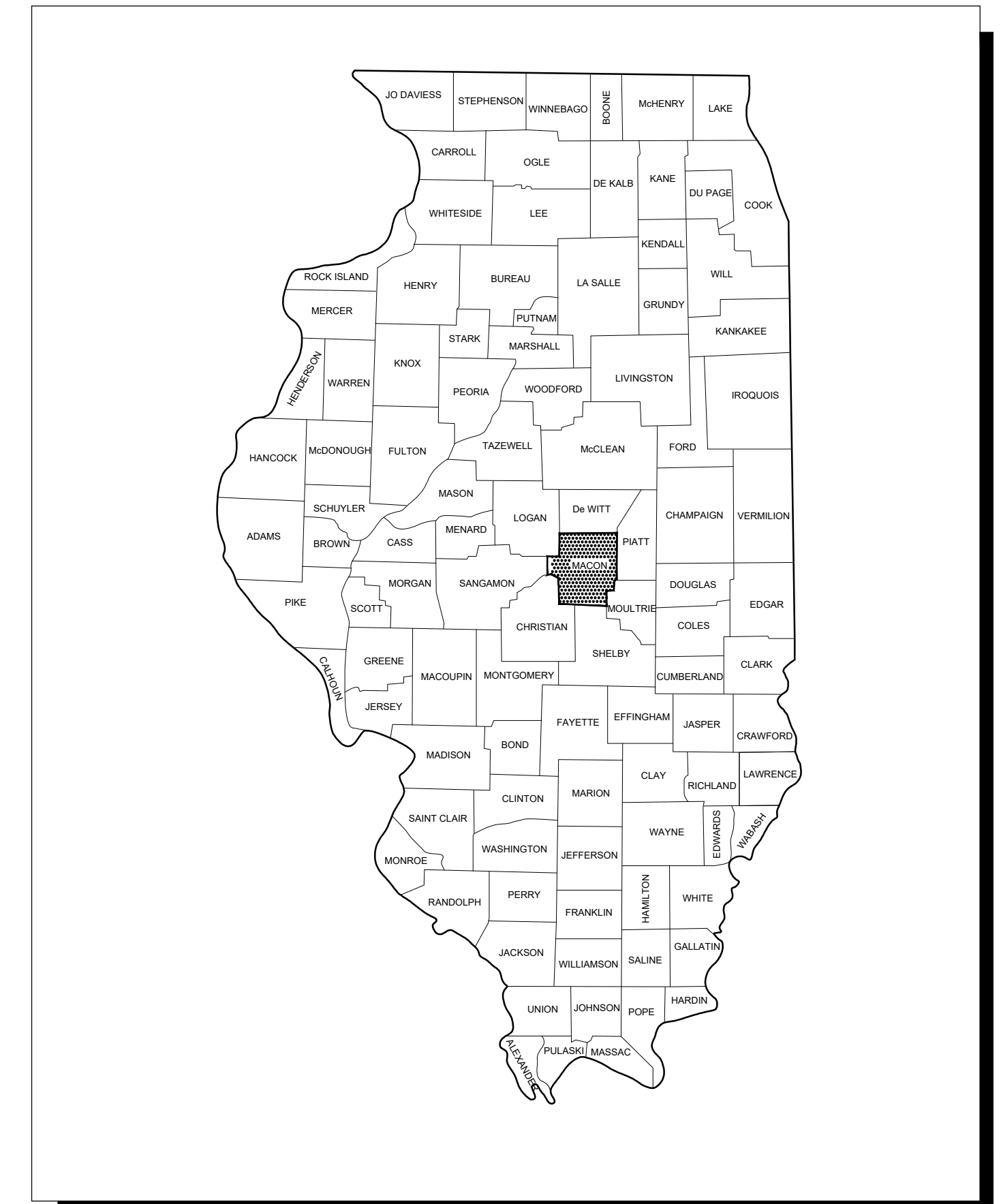
**DECATUR PARK DISTRICT  
DECATUR AIRPORT (DEC)  
DECATUR, MACON COUNTY, ILLINOIS  
IDA PROJECT NO.: DEC-4822**

**100% PLANS: NOVEMBER 17, 2023**

VICINITY MAP



LOCATION MAP



NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE PROJECT MANUAL AND THE REFERENCED SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.

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No.	Issue/Description	Sheets Changed	*New Sheet	Date	By

**HANSON**  
HANSON PROFESSIONAL SERVICES INC.  
1525 South Sixth Street  
Springfield, Illinois 62703-2886  
Telephone: 217.788.2450  
Fax: 217.788.2503

*Lindsay Hausman*  
Lindsay Hausman, P.E.  
Project Manager



November 17, 2023  
Date



DECATUR PARK DISTRICT  
DECATUR AIRPORT  
910 South Airport Road  
Decatur, Illinois 62521  
Telephone: 217.428.2423

*Tim Wright*  
Tim Wright  
Airport Director

November 17, 2023  
Date



SHEET LIST TABLE	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX OF SHEETS
3	PROJECT LAYOUT
4	PROPOSED SAFETY AND PHASING PLAN
5	PROPOSED PLAN
6	PATCHING DETAILS
7	MARKING PLAN
8	IDOT STANDARD DETAIL - SHEET 1
9	IDOT STANDARD DETAIL - SHEET 2
10	IDOT STANDARD DETAIL - SHEET 3
11	IDOT STANDARD DETAIL - SHEET 4

SUMMARY OF QUANTITIES - BASE BID				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	L SUM	1	
AR150520	MOBILIZATION	L SUM	1	
AR150530	TRAFFIC MAINTENANCE	L SUM	1	
AR152540	SOIL STABILIZATION FABRIC	SQ YD	1,602	
AR209604	CRUSHED AGG. BASE COURSE-4"	SQ YD	1,602	
AR209606	CRUSHED AGG. BASE COURSE-6"	SQ YD	24	
AR501508	8" PCC PAVEMENT	SQ YD	1,602	
AR501530	PCC TEST BATCH	EACH	1	
AR501605	5" PCC SIDEWALK	SQ FT	216	
AR501690	PCC SIDEWALK REMOVAL	SQ FT	216	
AR501905	REMOVE PAVEMENT	SQ YD	1,602	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	498	
AR751411	INLET-TYPE A	EACH	1	
AR751900	REMOVE INLET	EACH	1	
AR751927	REPLACE FRAME & GRATE	EACH	1	
AR754924	REPLACE COMB CURB & GUTTER	FOOT	45	

SUMMARY OF QUANTITIES - ADDITIVE ALTERNATE 1				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AS152540	SOIL STABILIZATION FABRIC	SQ YD	194	
AS209604	CRUSHED AGG. BASE COURSE-4"	SQ YD	194	
AS501508	8" PCC PAVEMENT	SQ YD	194	
AS501905	REMOVE PAVEMENT	SQ YD	194	

SUMMARY OF QUANTITIES - ADDITIVE ALTERNATE 2				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AT152540	SOIL STABILIZATION FABRIC	SQ YD	178	
AT209604	CRUSHED AGG. BASE COURSE-4"	SQ YD	178	
AT501508	8" PCC PAVEMENT	SQ YD	178	
AT501905	REMOVE PAVEMENT	SQ YD	178	



Decatur Park District  
Decatur Airport  
910 South Airport Road  
Decatur, IL 62521

**RECONSTRUCT SELECT PORTIONS OF THE AIRPORT TERMINAL ENTRANCE ROAD**

Illinois Proj. No.: DEC-4822

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023

PROJECT NO: 22A0100D  
CAD FILE: G-002-SOQ.DWG  
DESIGN BY: HLE 04/07/2023  
DRAWN BY: HLE 04/07/2023  
REVIEWED BY: LDH 11/2/23

SHEET TITLE

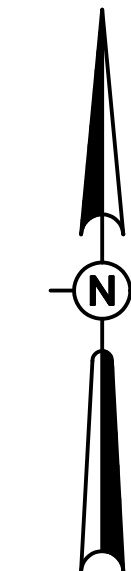
**SUMMARY OF QUANTITIES AND INDEX OF SHEETS**



HORIZONTAL AND VERTICAL CONTROL DATA				
NO.	DESCRIPTION	NORTHING	EASTING	ELEV.
1	NGS MONUMENT	1154102.83	831234.41	676.30

**LEGEND**

- EXISTING BUILDINGS
- PROPOSED AREA OF IMPROVEMENTS
- EXISTING FENCE



0' 250' 500' 1000'  
 HALF SIZE SCALE: 1"= 1000'  
 FULL SIZE SCALE: 1"= 500'

**SCOPE OF WORK**

THIS PROJECT CONSISTS OF PATCHING FAILED PAVEMENT WITHIN THE ENTRANCE ROAD. THE REHABILITATION WILL CONSIST OF THE REMOVAL AND REPLACEMENT OF PCC/HMA PAVEMENT AND PAVEMENT MARKING. THE PROJECT WILL ALSO INCLUDE THE REMOVAL AND REPLACEMENT OF A PORTION OF FAILED SIDEWALK AND CURB AND GUTTER, AND REPLACEMENT OF AN INLET.

**NOTIFICATION TO THE PUBLIC:**

THE AIRPORT WILL NOTIFY THE PUBLIC OF ANTICIPATED CONSTRUCTION IN AN EFFORT TO REDUCE OR ELIMINATE THE NEED FOR TOWING, HOWEVER THE CONTRACTOR SHALL BE REQUIRED TO PROCURE TOWING SERVICES FOR ANY VEHICLE THAT REMAINS IN THE PROJECT AREA AT THE TIME OF CONSTRUCTION. THE COST OF THE TOWING SERVICES SHALL BE INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. THE CONTRACTOR AND/OR THE TOWING SERVICE SHALL ACCEPT THE LIABILITY FOR THE VEHICLE RELOCATION, AND THE AIRPORT (PARK DISTRICT), CONSULTANT, STATE OF ILLINOIS, AND THE FEDERAL AVIATION ADMINISTRATION SHALL BE INDEMNIFIED. THE VEHICLES SHALL BE RELOCATED TO THE CONTRACTOR EQUIPMENT PARKING & MATERIAL STORAGE AREA, AS SHOWN ON THIS SHEET.

**MATERIAL CERTIFICATION**

MATERIALS TO BE INCORPORATED INTO THE PROJECT CANNOT BE USED WITHOUT PRIOR APPROVAL. ALL MATERIALS TO BE USED IN THE PROJECT MUST BE SUBMITTED TO THE RESIDENT ENGINEER FOR APPROVAL. USE OF MATERIALS WITHOUT PRIOR APPROVAL AND ULTIMATELY DETERMINED TO BE UNACCEPTABLE BY THE ILLINOIS DIVISION OF AERONAUTICS ARE SUBJECT TO REMOVAL AND/OR NON-PAYMENT. ALL SHOP DRAWINGS SHALL BE ACCOMPANIED BY DOCUMENTATION INDICATING COMPLIANCE WITH BUY AMERICAN PREFERENCE.

**CERTIFIED PAYROLLS**

THE RESIDENT ENGINEER CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

**EROSION CONTROL**

THIS PROJECT WILL DISTURB LESS THAN 1 ACRE OF LAND, THEREFORE NO N.P.D.E.S. PERMIT WILL BE REQUIRED.

**UTILITY NOTE**

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES. INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIES.

**HAUL ROUTE**

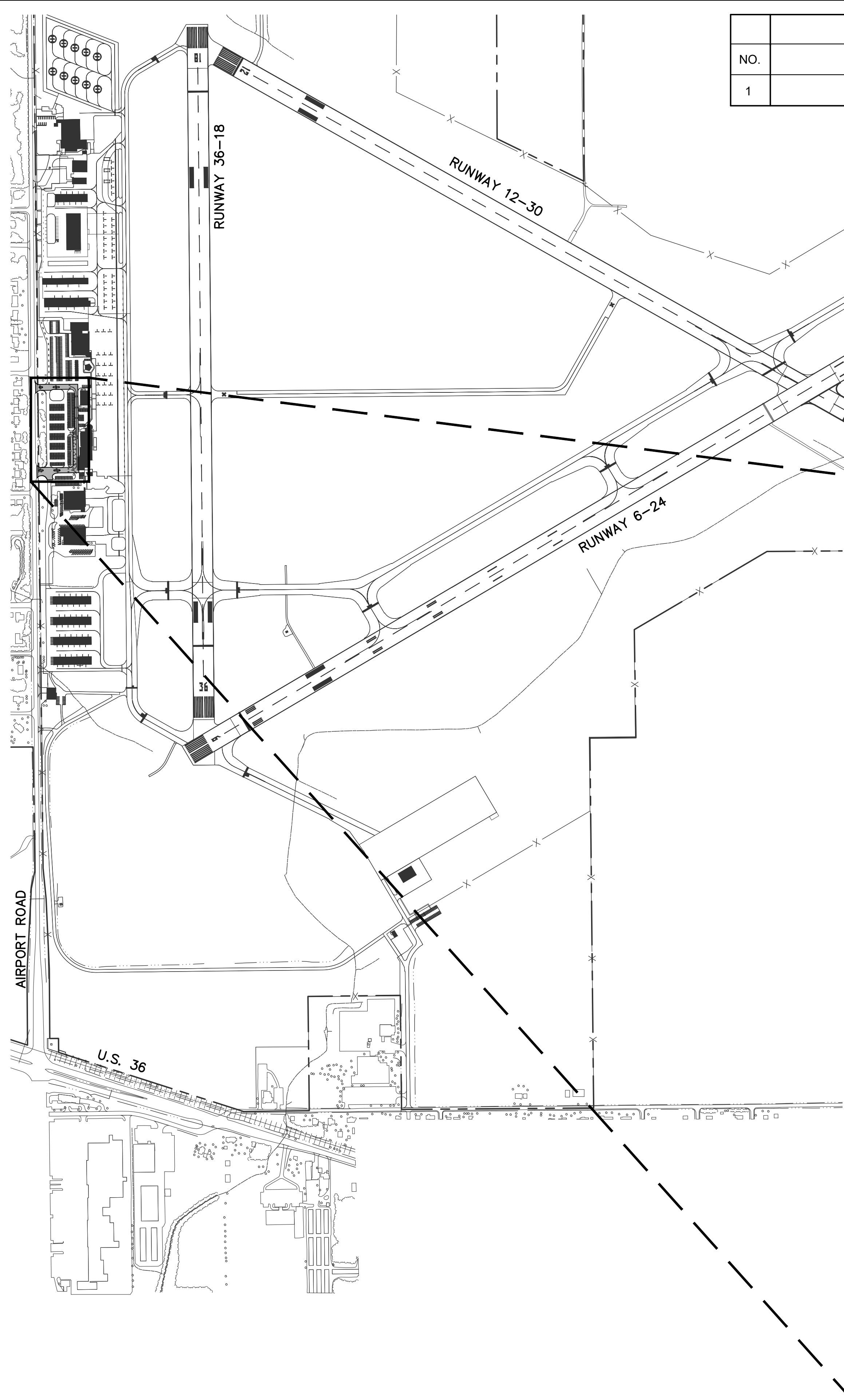
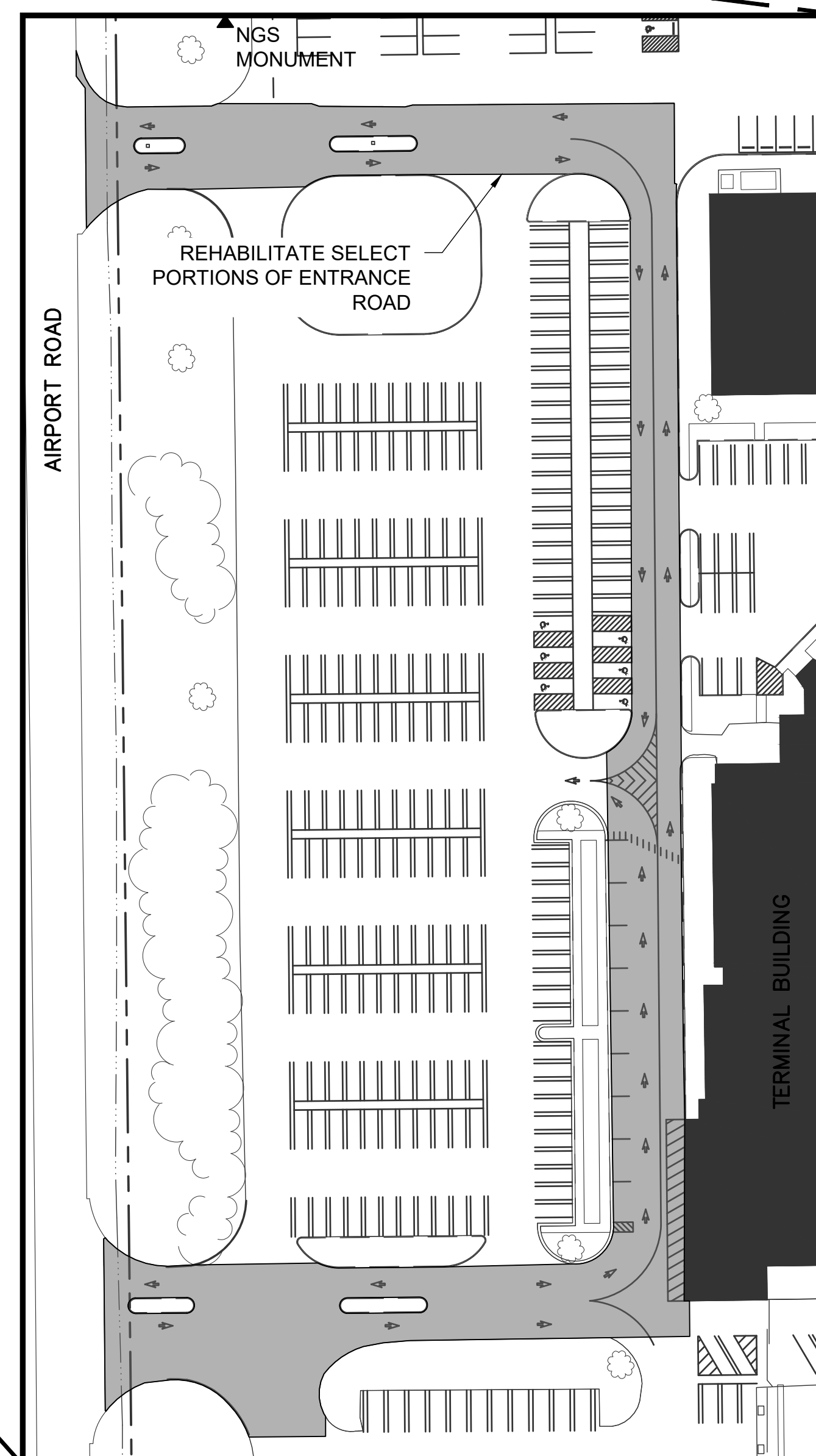
THE CONTRACTOR WILL USE AIRPORT ROAD AS HIS ACCESS TO THE PROPOSED CONSTRUCTION SITE. THE CONTRACTOR WILL COORDINATE WITH THE APPROPRIATE AUTHORITIES IN ORDER TO USE AIRPORT ROAD.

**EMPLOYEE PARKING**

THE CONTRACTOR'S EMPLOYEES WILL PARK THEIR PERSONAL VEHICLES IN THE NORTH PARKING LOT. THE CONTRACTOR WILL TRANSPORT HIS EMPLOYEES TO THE PROPOSED CONSTRUCTION SITE. ONLY CONTRACTOR VEHICLES WILL BE ALLOWED ON THE PROPOSED CONSTRUCTION SITE.

**EQUIPMENT PARKING**

THE CONTRACTOR WILL BE ALLOWED TO PARK HIS EQUIPMENT WITHIN THE LIMITS OF THE PROPOSED CONSTRUCTION. IF THERE IS NO AVAILABLE SPACE WITHIN THE PROPOSED CONSTRUCTION, THEN HE WILL PARK IN THE NORTH PARKING LOT AT A LOCATION DESIGNATED BY THE AIRPORT DIRECTOR.



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Decatur Park District  
 Decatur Airport  
 910 South Airport Road  
 Decatur, IL 62521

**RECONSTRUCT SELECT PORTIONS OF THE AIRPORT TERMINAL ENTRANCE ROAD**

Illinois Proj. No.: DEC-4822

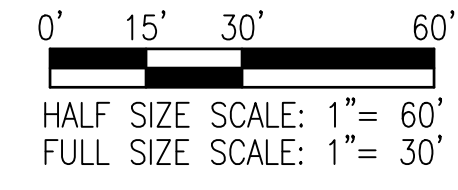
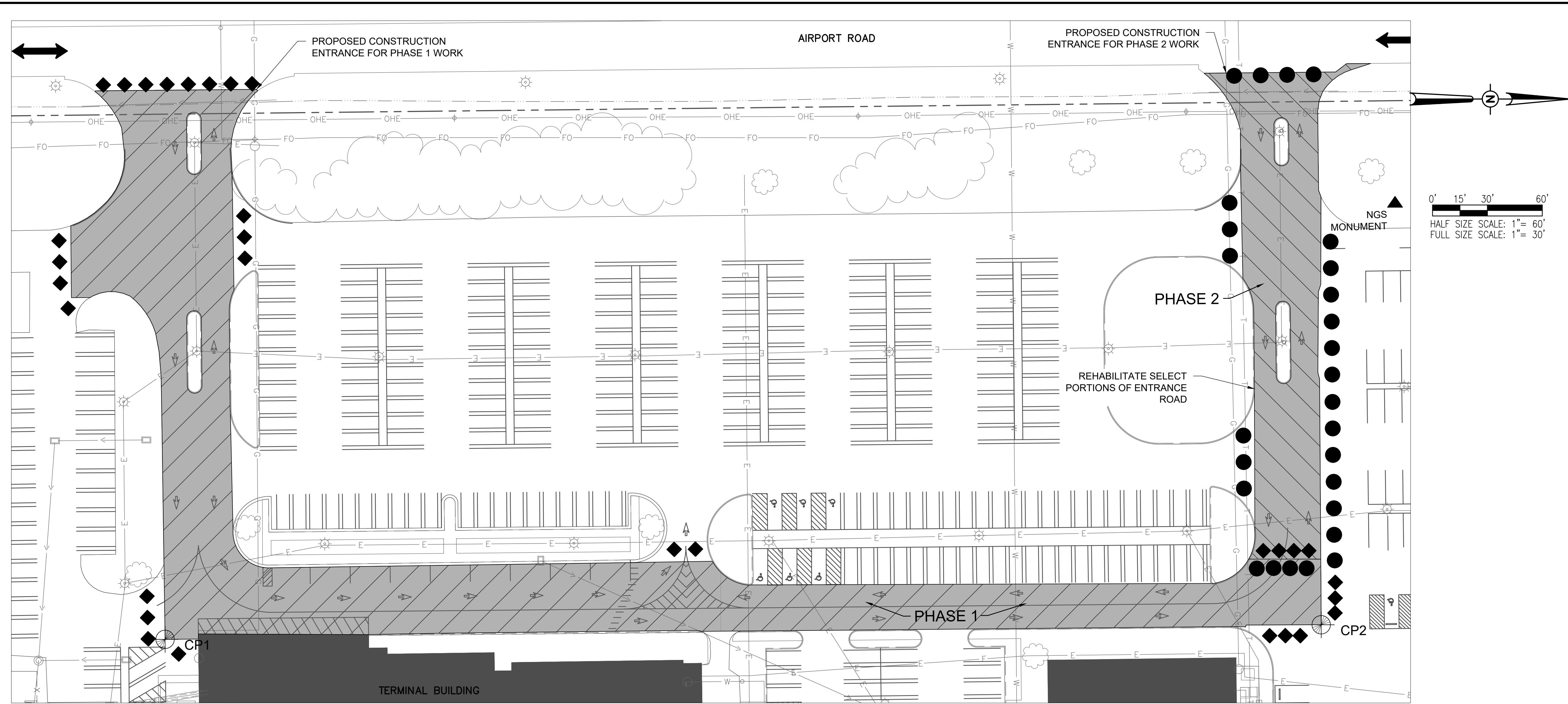
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023  
 PROJECT NO: 22A01000  
 CAD FILE: G-003-SFY.DWG  
 DESIGN BY: HLE 04/07/2023  
 DRAWN BY: HLE 04/07/2023  
 REVIEWED BY: LDH 11/2/23

SHEET TITLE

**PROJECT LAYOUT**





**PROPOSED SAFETY PLAN**

- GENERAL - THE DECATUR AIRPORT IS COMPRISED OF THREE RUNWAYS. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY RUNWAYS.
- ALL PROVISIONS OF THE LATEST EDITION OF FAA ADVISORY CIRCULAR 150/5370-10, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN AND APPROVED BY THE FAA AND THE AIRPORT.
- THE CONTRACTOR WILL BE REQUIRED TO SUBMIT TO THE RESIDENT ENGINEER, FOR APPROVAL BY THE AIRPORT DIRECTOR, A SCHEDULE OF CONSTRUCTION ACTIVITIES PRIOR TO THE START OF CONSTRUCTION. CLOSURE OF ANY PORTION OF AIRPORT ROAD BEGINNING AND ENDING TIMES WILL BE DETERMINED BY THE AIRPORT DIRECTOR. THE CONTRACTOR IS REQUIRED TO ALLOW SUFFICIENT TIME PRIOR TO THE ENDING OF THE CLOSURE TIME FOR CURING OF PLACED MATERIALS AND CLEAN UP OF THE WORK AREA.
- THE CONTRACTOR IS REQUIRED TO NOTIFY THE AIRPORT DIRECTOR THROUGH THE RESIDENT ENGINEER, A MINIMUM OF 7 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE INTENT OF THE PROPOSED WORK AREAS IS FOR THE CONTRACTOR TO START AND COMPLETE WORK IN PHASE 1 FIRST AND THEN PHASE 2. THE CONTRACTOR MAY NOT PROCEED TO THE NEXT WORK AREA UNTIL EACH AREA IS APPROVED BY THE OWNER TO BE OPENED TO TRAFFIC.
- THE AWARDED CONTRACTOR MAY PROPOSE AN ALTERNATE, PRACTICAL AND EFFECTIVE STAGING PLAN THAT WILL MINIMIZE DISRUPTION TO NORMAL AIRPORT ACTIVITY WHILE NOT COMPROMISING SAFETY OF PERSONNEL OR THE QUALITY OF THE PROJECT. SUCH AN ALTERNATE PROPOSAL WILL BE CONSIDERED BY THE OWNER FOR APPROVAL.

**CONTRACTOR RESPONSIBILITIES**

- THE CONTRACTOR AND HIS EMPLOYEES WILL BE RESTRICTED TO THE WORK AREA AND ALL OTHER AREAS OF THE AIRPORT ARE "OFF LIMITS" TO THEM.
- THE CONTRACTOR SHALL MAINTAIN FULL USE AND ACCESS TO ALL ADMINISTRATIVE AND PARKING AREAS NOT UNDER ACTIVE CONSTRUCTION FOR THE DURATION OF THE PROJECT.
- TRENCHES AND/OR HOLES THAT REMAIN OPEN OVERNIGHT WILL REQUIRE BARRICADES AND/OR CONES TO INDICATE THEIR LOCATION AND PREVENT ACCIDENTAL ENTRANCE, WITHIN THE PROJECT AREA AND OUTSIDE ANY ACTIVE SAFETY AREAS.
- IDENTIFICATION - WHEN THE CONTRACTORS VEHICLES AND EQUIPMENT ARE ON THE AIRPORT THEY SHALL BE PROPERLY MARKED WITH THREE (3') FOOT SQUARE CHECKERED FLAGS (INTERNATIONAL ORANGE AND WHITE). THE CONTRACTOR WILL ALSO PROVIDE WORKERS WITH SOME TYPE OF TAG OR GARMENT TO IDENTIFY THE PERSON AS BEING PART OF THE CONSTRUCTION CREW.

CRITICAL POINTS				
POINT #	DESCRIPTION	ELEVATION	LATITUDE	LONGITUDE
1	BARRICADES	667	039° 49' 57.49"	-088° 52' 38.36"
2	BARRICADES	669	039° 50' 03.74"	-088° 52' 38.51"

**HEIGHT OF CONSTRUCTION EQUIPMENT**

THE MAXIMUM ANTICIPATED HEIGHT OF THE CONSTRUCTION EQUIPMENT WILL BE 20 FEET. THE TALLEST EQUIPMENT IS EXPECTED TO BE A SEMI-TRUCK AND TRAILER.

**NOTE**

CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SIGNAGE AND MAINTENANCE OF TRAFFIC ON AIRPORT ROAD DURING CONSTRUCTION IN ACCORDANCE WITH MUTCD AND/OR LOCAL REQUIREMENTS. DURING WORK HOURS, MAINTAIN A MINIMUM OF ONE LANE OPEN TO TRAFFIC ON AIRPORT RD. DURING NON-WORK HOURS, AIRPORT ROAD SHALL REMAIN UNOBSTRUCTED.

ALL CONSTRUCTION/OPERATIONS ARE TO BE PERFORMED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR (AC) 150/5370-10 "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION" AND AC 150/5300-13 "AIRPORT DESIGN".

ALL CONSTRUCTION EQUIPMENT ON THE AIRPORT SHALL BE MARKED, LIGHTED AND/OR FLAGGED IN ACCORDANCE WITH AC 150/5210-20 AND 70/7460-1.

**J.U.L.I.E. INFORMATION**

COUNTY \_\_\_\_\_ MACON  
 CITY \_\_\_\_\_ DECATUR  
 TOWNSHIP \_\_\_\_\_ LONG CREEK  
 SECTION NO. \_\_\_\_\_ 20 & 21  
 ADDRESS \_\_\_\_\_ DECATUR AIRPORT  
 AIRPORT ROAD  
 DECATUR, ILLINOIS 62524

**LEGEND**

- EXISTING BUILDINGS
- PROPOSED PHASE 1 IMPROVEMENTS
- PROPOSED PHASE 2 IMPROVEMENTS
- EXISTING FENCE
- EXISTING ELECTRIC
- EXISTING STORM SEWER
- EXISTING WATER
- EXISTING SANITARY
- EXISTING TELEPHONE
- EXISTING FIBER OPTIC
- EXISTING GAS
- AIRPORT PROPERTY LINE
- EXISTING STORM INLET/MANHOLE
- EXISTING LIGHT POLE/ POLE-MOUNTED LIGHT
- PROP. BARRICADES- PHASE 1
- PROP. BARRICADES- PHASE 2



Decatur Park District  
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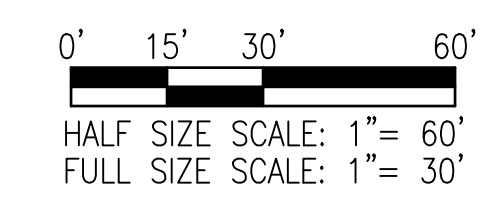
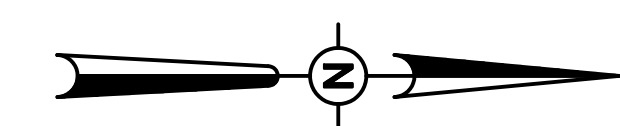
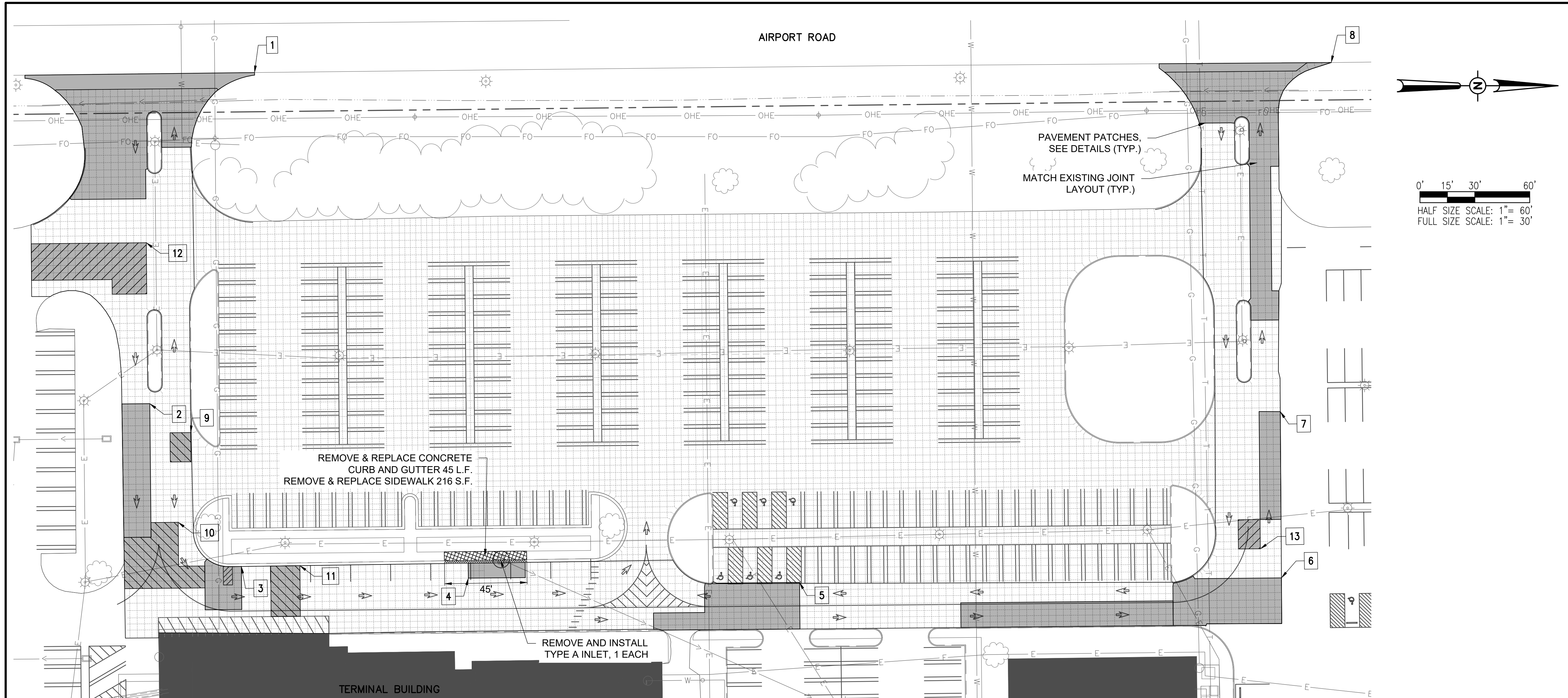
NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023  
 PROJECT NO: 22A0100D  
 CAD FILE: C-101-CSPP.DWG  
 DESIGN BY: HLE 04/07/2023  
 DRAWN BY: HLE 04/07/2023  
 REVIEWED BY: LDH 11/2/23

SHEET TITLE

**PROPOSED SAFETY AND PHASING PLAN**





REMOVE & REPLACE CONCRETE CURB AND GUTTER 45 L.F.  
REMOVE & REPLACE SIDEWALK 216 S.F.

REMOVE AND INSTALL TYPE A INLET, 1 EACH

PAVEMENT PATCHES, SEE DETAILS (TYP.)  
MATCH EXISTING JOINT LAYOUT (TYP.)

TERMINAL BUILDING

AIRPORT ROAD

PATCHING SCHEDULE - BASE BID

PATCH NO.	APPROX. DIMENSIONS	TOTAL (S.Y.)
1	58' X 68'	438
2	15' X 73'	122
3	20' X 24'	55
4	8' X 32'	29
5	26' X 80'	176
6	175' X 25'	338
7	12' X 59'	76
8	24' X 140'	368
TOTAL		1602

PATCHING SCHEDULE - ADD ALT 1

PATCH NO.	APPROX. DIMENSIONS	TOTAL (S.Y.)
9	16' X 12'	20
10	36' X 44'	125
11	16' X 28'	49
TOTAL		194

PATCHING SCHEDULE - ADD ALT 2

PATCH NO.	APPROX. DIMENSIONS	TOTAL (S.Y.)
12	63' X 12'	157
13	16' X 12'	21
TOTAL		178

**CURB AND GUTTER REMOVAL NOTES**

THE EXISTING CONCRETE CURB AND GUTTER SHOWN FOR REMOVAL WILL BE REMOVED FULL DEPTH. THE ACTUAL AMOUNT OF EXISTING CURB AND GUTTER TO BE REMOVED WILL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION. THE RESIDENT ENGINEER WILL MARK CURB THAT IS TO BE REMOVED AND REPLACED. THE EXISTING PAVEMENT ADJOINING THE CURB TO BE REMOVED WILL BE SAWED TO ALLOW THE REMOVAL OF THE CURB WITHOUT DISPLACEMENT OF THE REMAINING PAVEMENT. SAWING WILL BE CONSIDERED AS AN INCIDENTAL ITEM TO THE CURB REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED. ANY DISPLACEMENT OR DAMAGE TO THE ADJACENT PAVEMENT WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE REMOVED CURB & GUTTER WILL BE DISPOSED OF OFF THE AIRPORT SITE AT THE CONTRACTOR'S OWN EXPENSE.

THESE ITEMS OF WORK SHALL BE PAID FOR UNDER ITEM: AR754924 "REPLACE COMB. CURB & GUTTER" \_\_\_ PER L.F.

**GENERAL NOTES**

EXISTING TURF AREA DISTURBED DURING PATCHING OPERATIONS SHALL BE SMOOTH GRADED SEEDED AND MULCHED. THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.

**LEGEND**

- EXISTING BUILDINGS
- PAVEMENT PATCHES
- PAVEMENT PATCHES - ADD ALT 1
- PAVEMENT PATCHES - ADD ALT 2
- REMOVE SIDEWALK
- AR754924 REMOVE CURB AND GUTTER
- EXISTING FENCE
- EXISTING ELECTRIC
- EXISTING STORM SEWER
- EXISTING WATER
- EXISTING SANITARY
- EXISTING TELEPHONE
- EXISTING FIBER OPTIC
- EXISTING GAS
- AIRPORT PROPERTY LINE
- EXISTING STORM INLET/MANHOLE
- EXISTING LIGHT POLE/POLE-MOUNTED LIGHT



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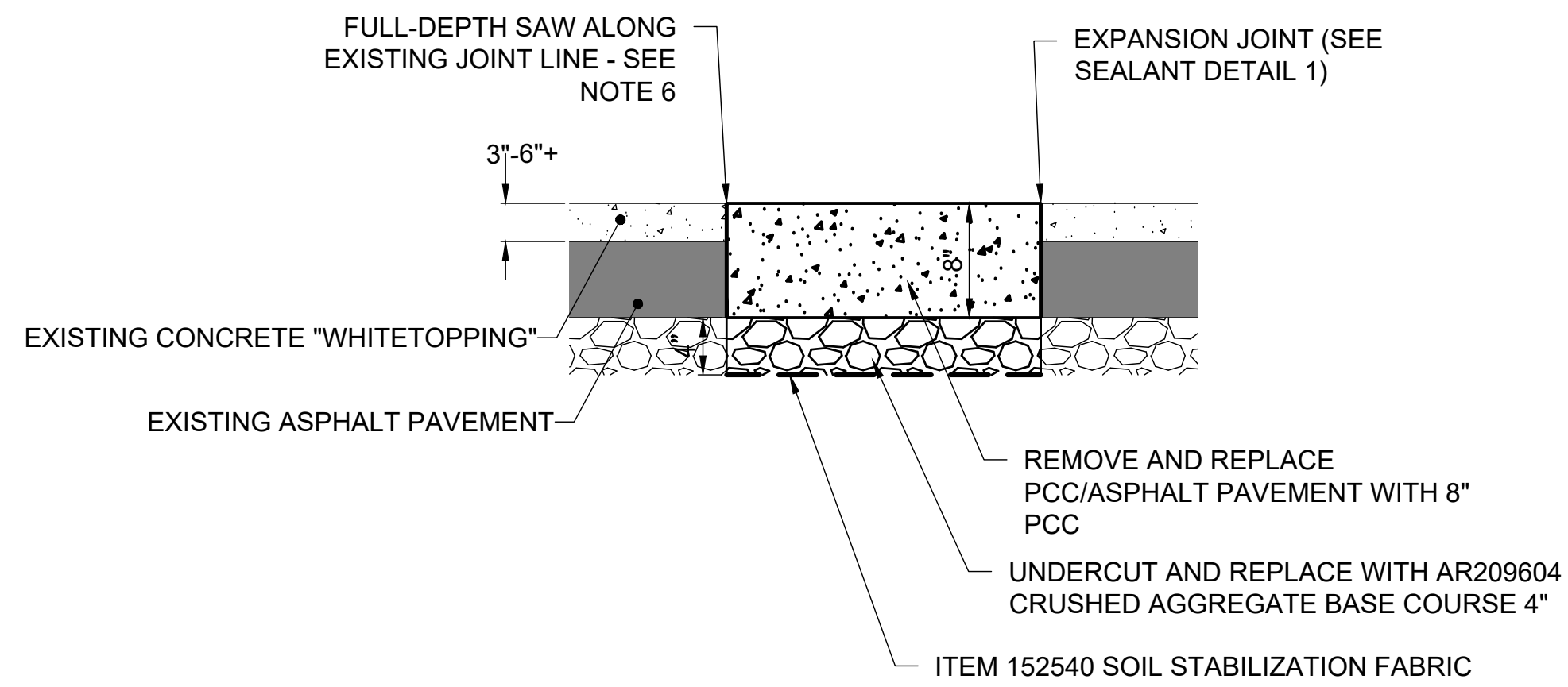
NO.	DATE	DESCRIPTION		
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ISSUE: NOVEMBER 17, 2023  
PROJECT NO: 22A0100D  
CAD FILE: C-102-PREP.DWG  
DESIGN BY: HLE 04/07/2023  
DRAWN BY: HLE 04/07/2023  
REVIEWED BY: LDH 11/2/23

SHEET TITLE

**PROPOSED PLAN**

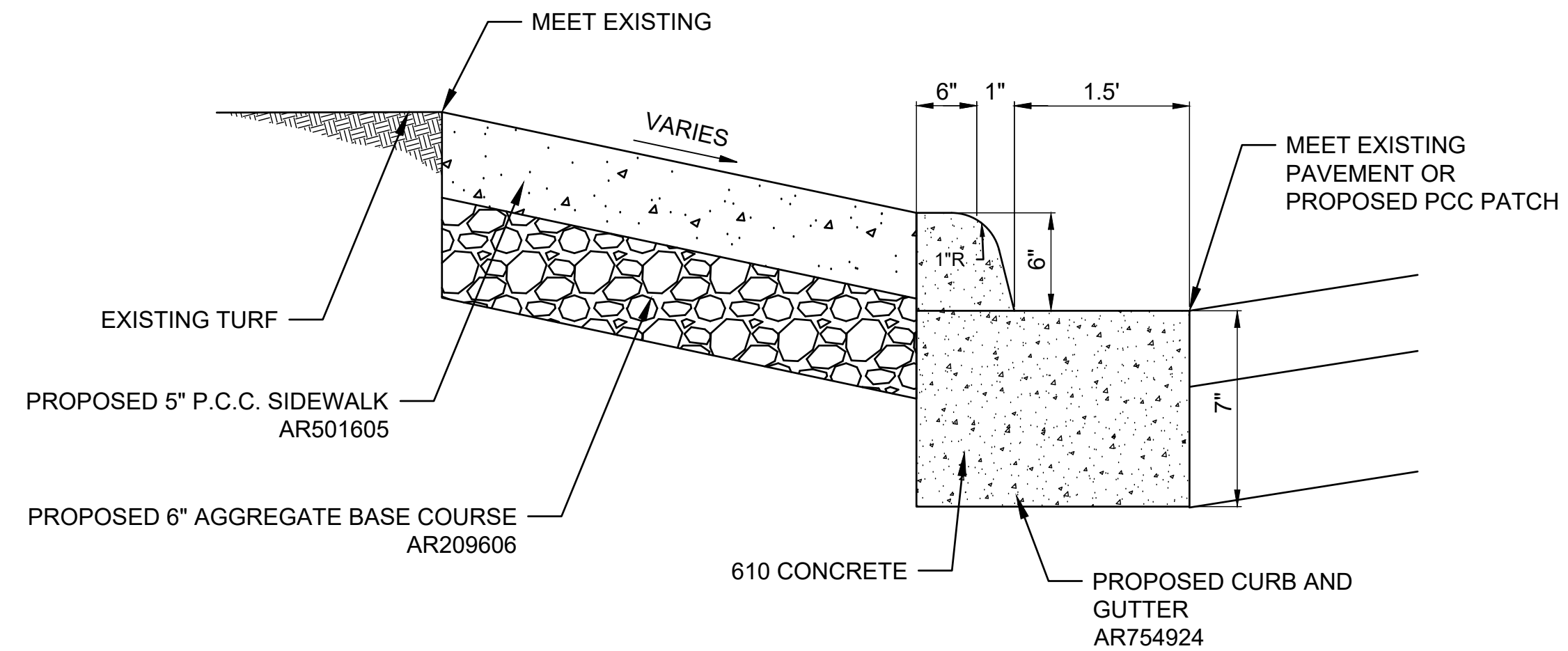




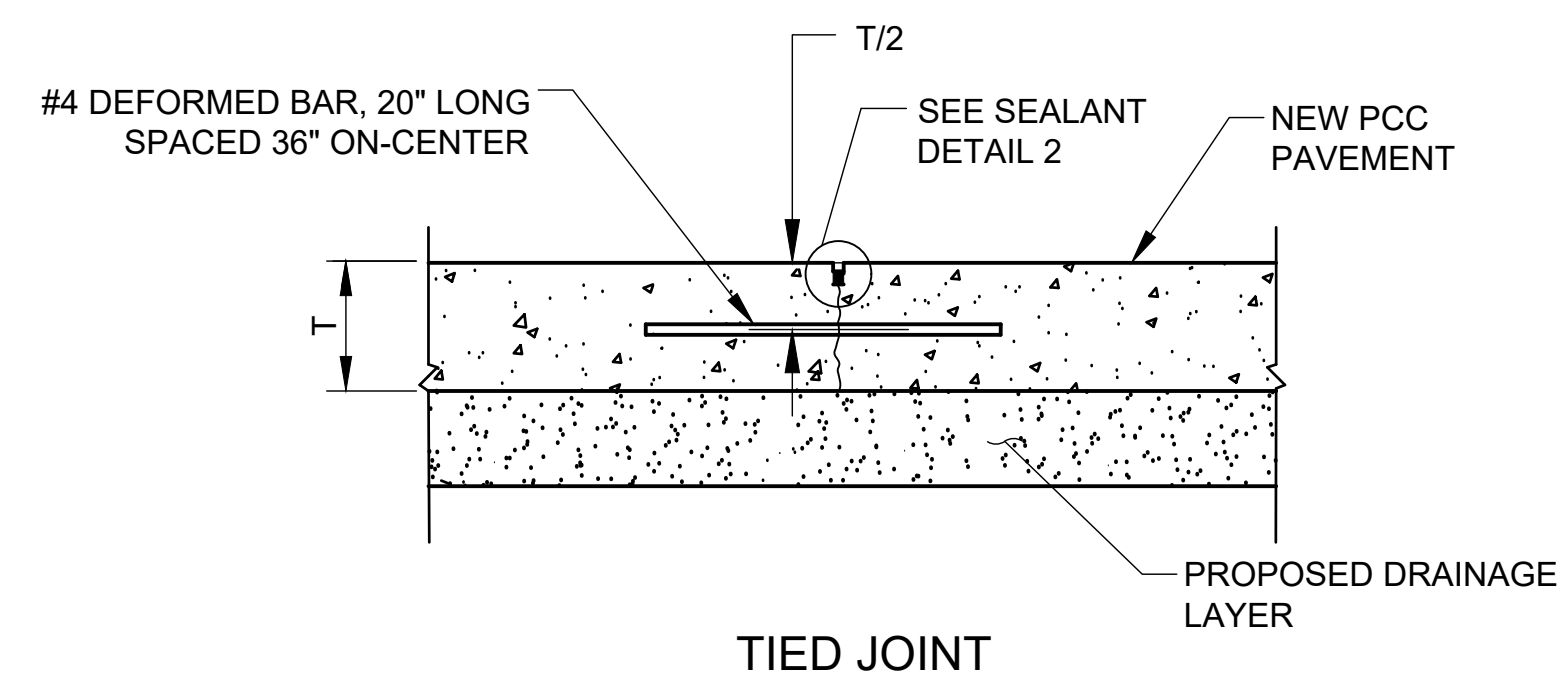
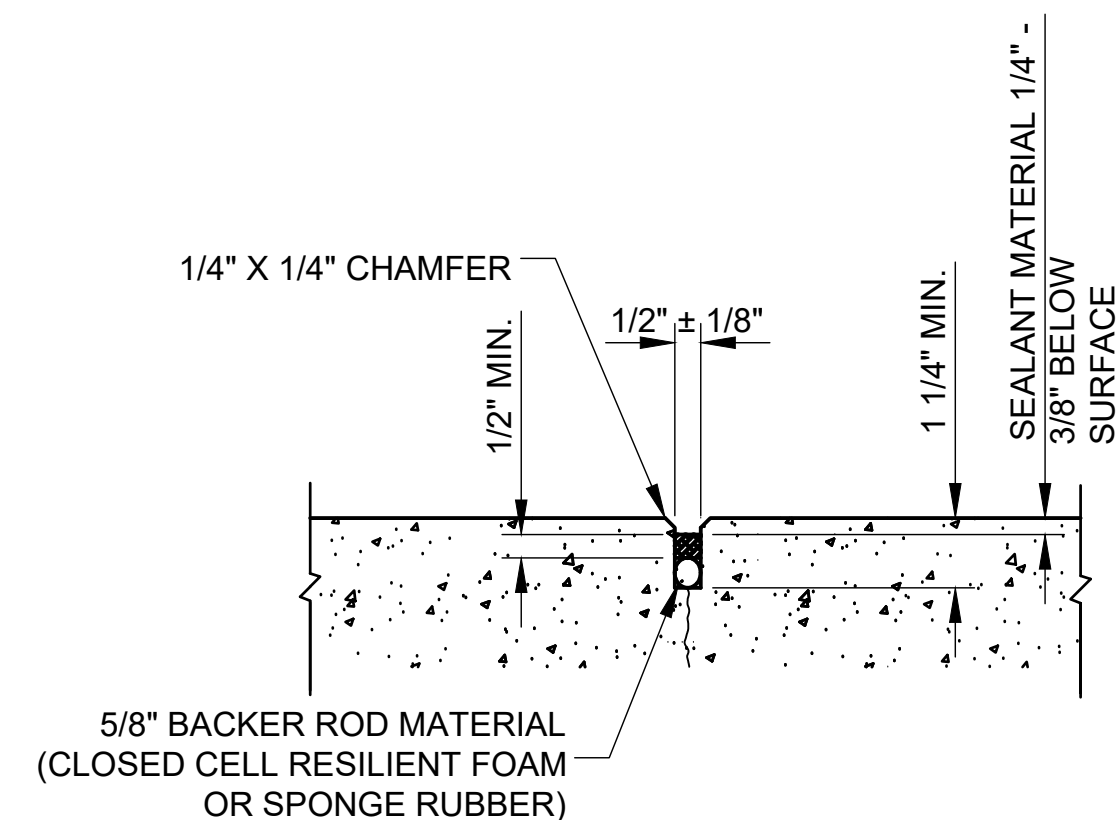
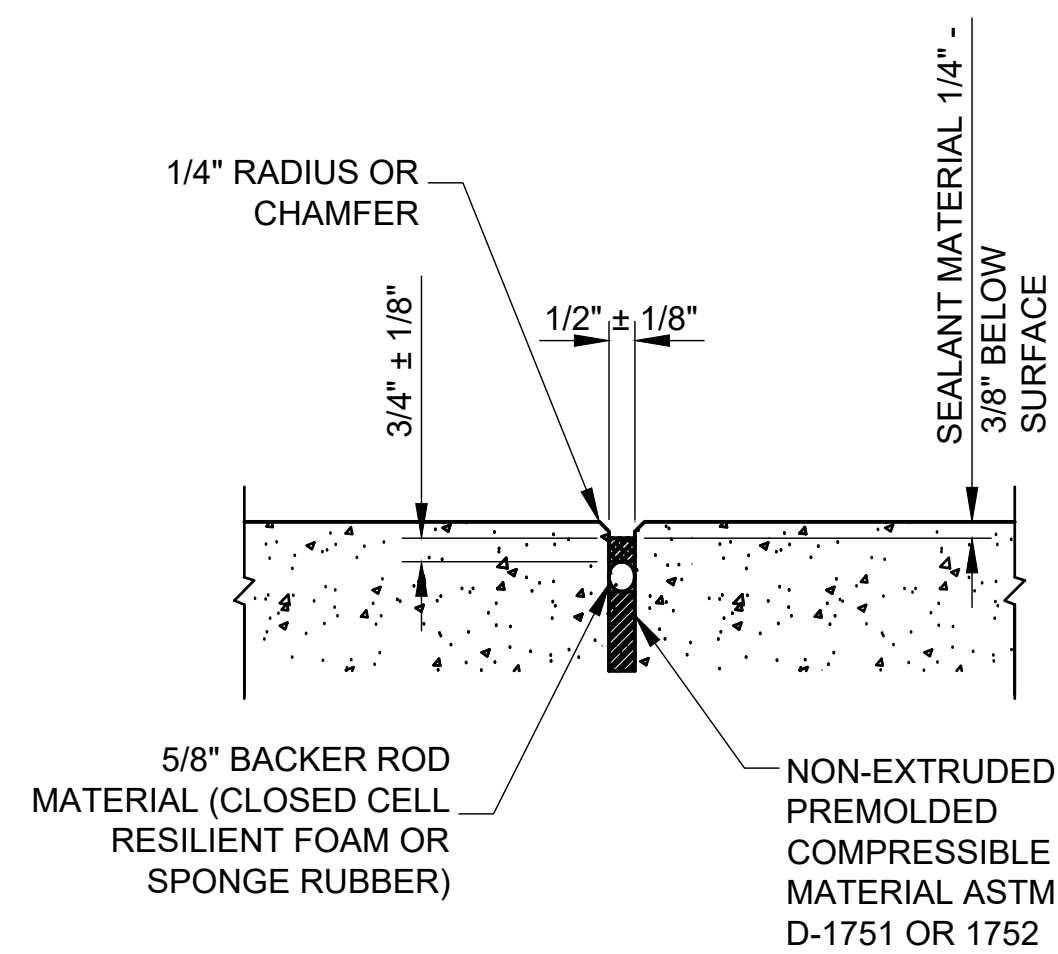
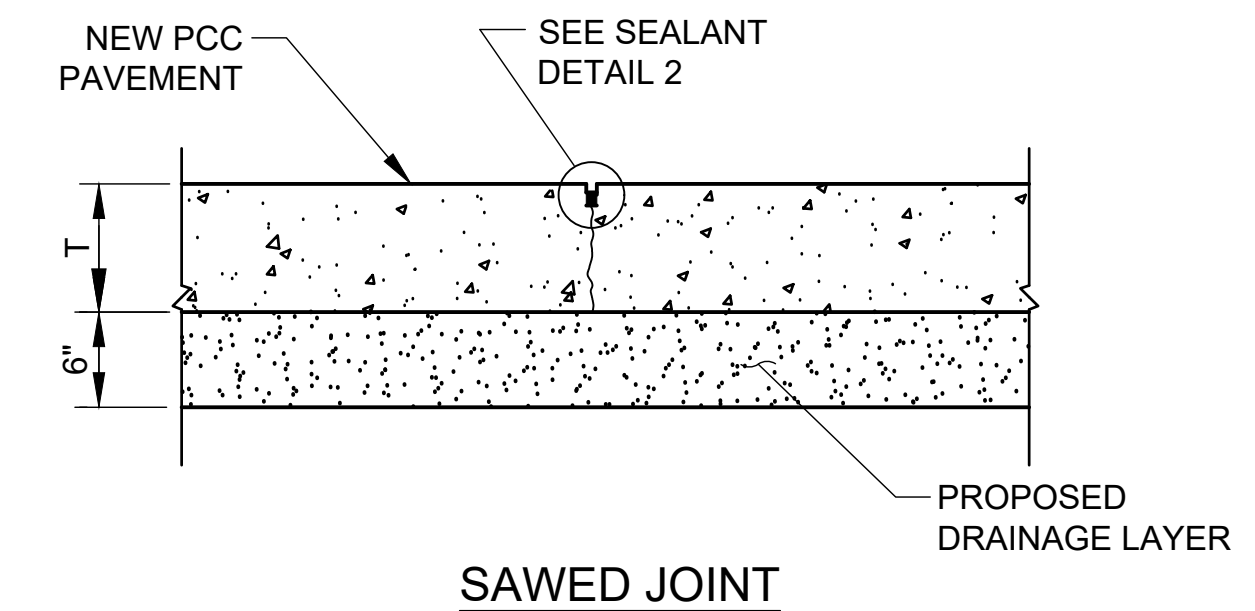
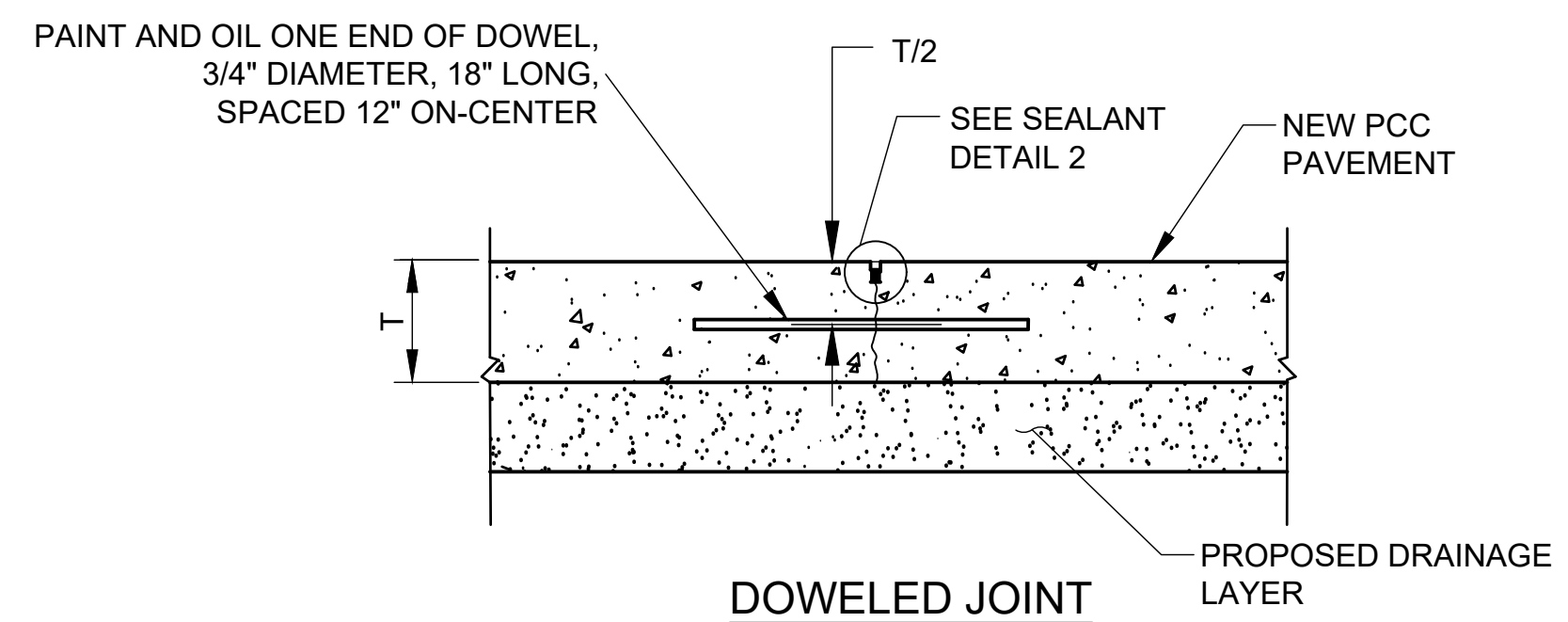
**PAVEMENT PATCHING DETAIL**  
NOT TO SCALE

**NOTES:**

1. RESIDENT ENGINEER/TECHNICIAN WILL CONFIRM AND LAYOUT PATCHING LIMITS.
2. PCC MIX SHALL BE IDOT CLASS PP-2.
3. CRUSHED AGGREGATE BASE SHALL BE PAID FOR FOR UNDER PAY ITEM AR209604 "CRUSHED AGGREGATE BASE COURSE- 4" - PER SQUARE YARD.
4. SOIL STABILIZATION FABRIC SHALL BE PAID FOR UNDER PAY ITEM AR152540
5. ALL OTHER WORK AND MATERIALS SHOWN, INCLUDING JOINTING AND SEALING, SHALL BE INCLUDED IN AND PAID FOR UNDER PAY ITEM AR501508 "8" PCC PAVEMENT" - PER SQUARE YARD.
6. CARE SHALL BE TAKEN NOT TO DAMAGE EXISTING CONCRETE PANELS WHILE SAW-CUTTING AND REMOVING EXISTING PAVEMENT. CRACKED OR DAMAGED PANELS SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.



**PCC SIDEWALK (AR501605) AND COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT (AR754924) DETAIL**  
NOT TO SCALE



**JOINTING NOTES:**

1. JOINT SPACING SHALL MATCH EXISTING.
2. TRANSVERSE JOINTS SHALL BE DOWELED JOINTS.
3. LONGITUDINAL JOINTS SHALL BE ALTERNATING SAWED AND TIED JOINTS.



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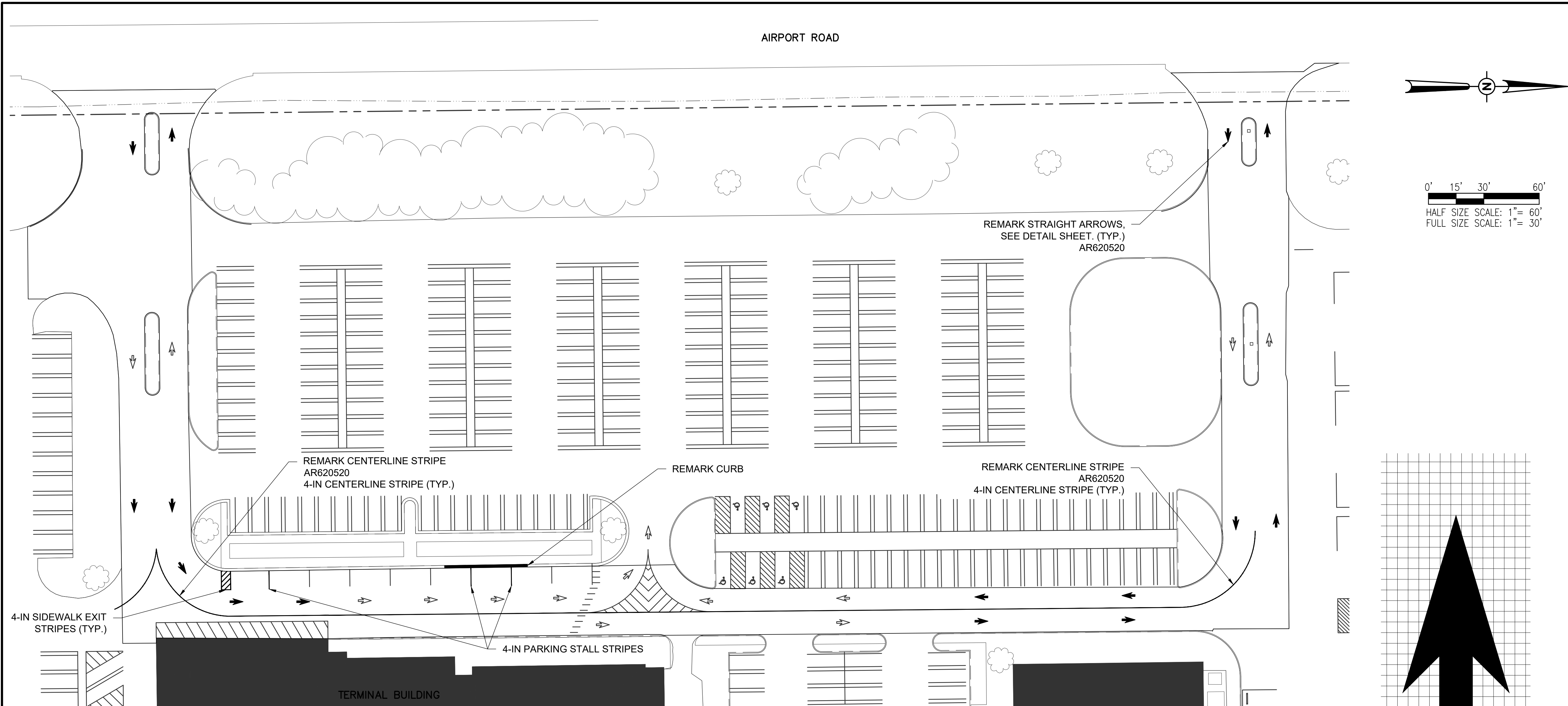
ISSUE: NOVEMBER 17, 2023  
PROJECT NO: 22A0100D  
CAD FILE: C-501-DET.DWG  
DESIGN BY: HLE 04/11/2023  
DRAWN BY: HLE 04/11/2023  
REVIEWED BY: LDH 11/2/23

SHEET TITLE

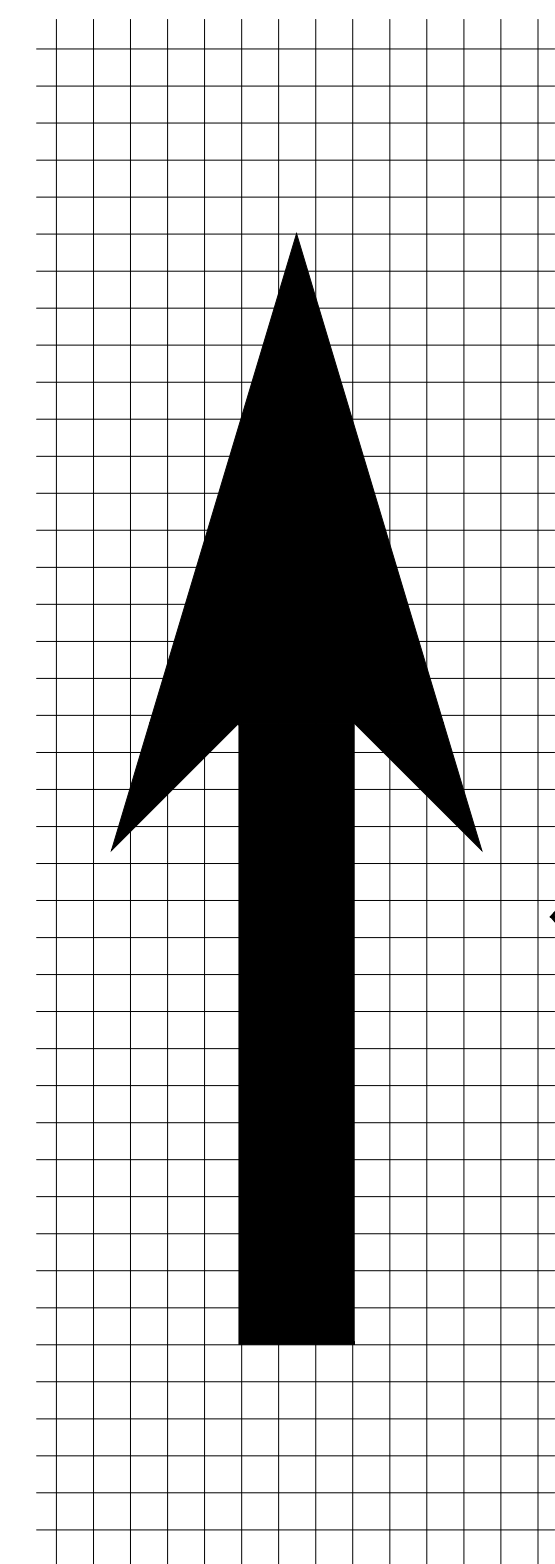
**PATCHING DETAILS**



AIRPORT ROAD



0' 15' 30' 60'  
HALF SIZE SCALE: 1" = 60'  
FULL SIZE SCALE: 1" = 30'



**620-PAVEMENT MARKING-WATERBORNE NOTES**

THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED IN THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED MARCH 22, 2023.

THIS ITEM SHALL CONSIST OF PAVEMENT MARKINGS IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.

ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.

ALL PROPOSED MARKING WILL BE COMPLETED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION PLANS.

GLASS BEADS SHALL BE REQUIRED ONLY ON THE SECOND APPLICATION OF THE MARKING.

CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.

THE PROPOSED MARKING WILL BE PAID FOR UNDER ITEM:  
AR620520 PAVEMENT MARKING-WATERBORNE \_\_\_ PER S.F.

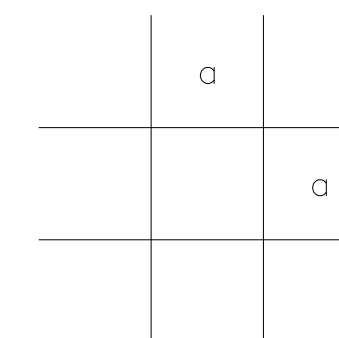
MARKING QUANTITIES			
DESCRIPTION	UNIT AREA (S.F.)	NO. REQ'D	TOTAL AREA (S.F.)
CENTERLINE STRIPE	227	1	227
PARKING STALL STRIPE (10')	3.33	3	10
SIDEWALK EXIT/NO PARKING	17	1	17
STRAIGHT ARROW	8.7	15	130.5
NEW CURB PAINTING	2.5 S.F./L.F.	45 L.F.	113
TOTAL WATERBORNE			498

NOTES:

QUANTITY OF PAINT FOR NEW CURB PAINTING WAS DETERMINED BY AN ASSUMPTION OF 2.5 SF PER LINEAR FOOT OF NEW CURB.

**PAVEMENT MARKINGS - DIRECTIONAL ARROWS**

1. THE PROPOSED DIRECTIONAL ARROW PAVEMENT MARKINGS SHALL BE LOCATED AS SHOWN ON THE PAVEMENT MARKING PLAN. LAYOUT OF ARROWS SHALL BE APPROVED BY RESIDENT ENGINEER AND OWNER PRIOR TO PAINTING.
2. ARROWS SHALL CONFORM TO IDOT STANDARD DRAWING NO. 780001 - LARGE ARROW, AND SHALL BE YELLOW IN COLOR.
3. THIS ITEM OF WORK SHALL BE PAID FOR UNDER THE FOLLOWING ITEM: AR62050 "PAVEMENT MARKING - WATERBORNE" - PER S.F.



Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m)

IDOT STANDARD NO. 780001-05

**STRAIGHT ARROW**  
NOT TO SCALE



Decatur Park District  
Decatur Airport  
910 South Airport Road  
Decatur, IL 62521

**RECONSTRUCT SELECT PORTIONS OF THE AIRPORT TERMINAL ENTRANCE ROAD**

Illinois Proj. No.: DEC-4822

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: NOVEMBER 17, 2023

PROJECT NO: 22A0100D

CAD FILE: C-103-MRK.DWG

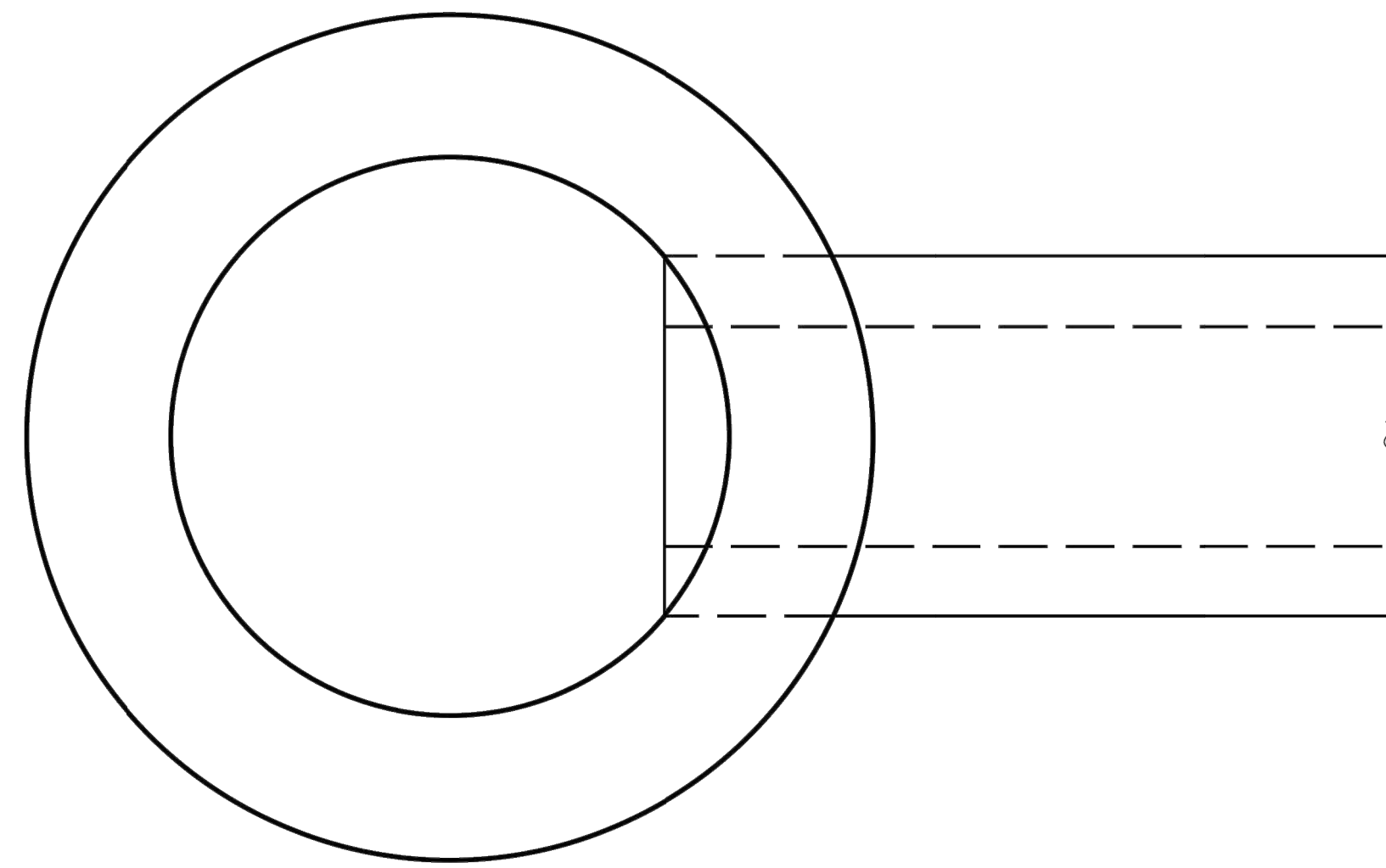
DESIGN BY: HLE 04/12/2023

DRAWN BY: HLE 04/12/2023

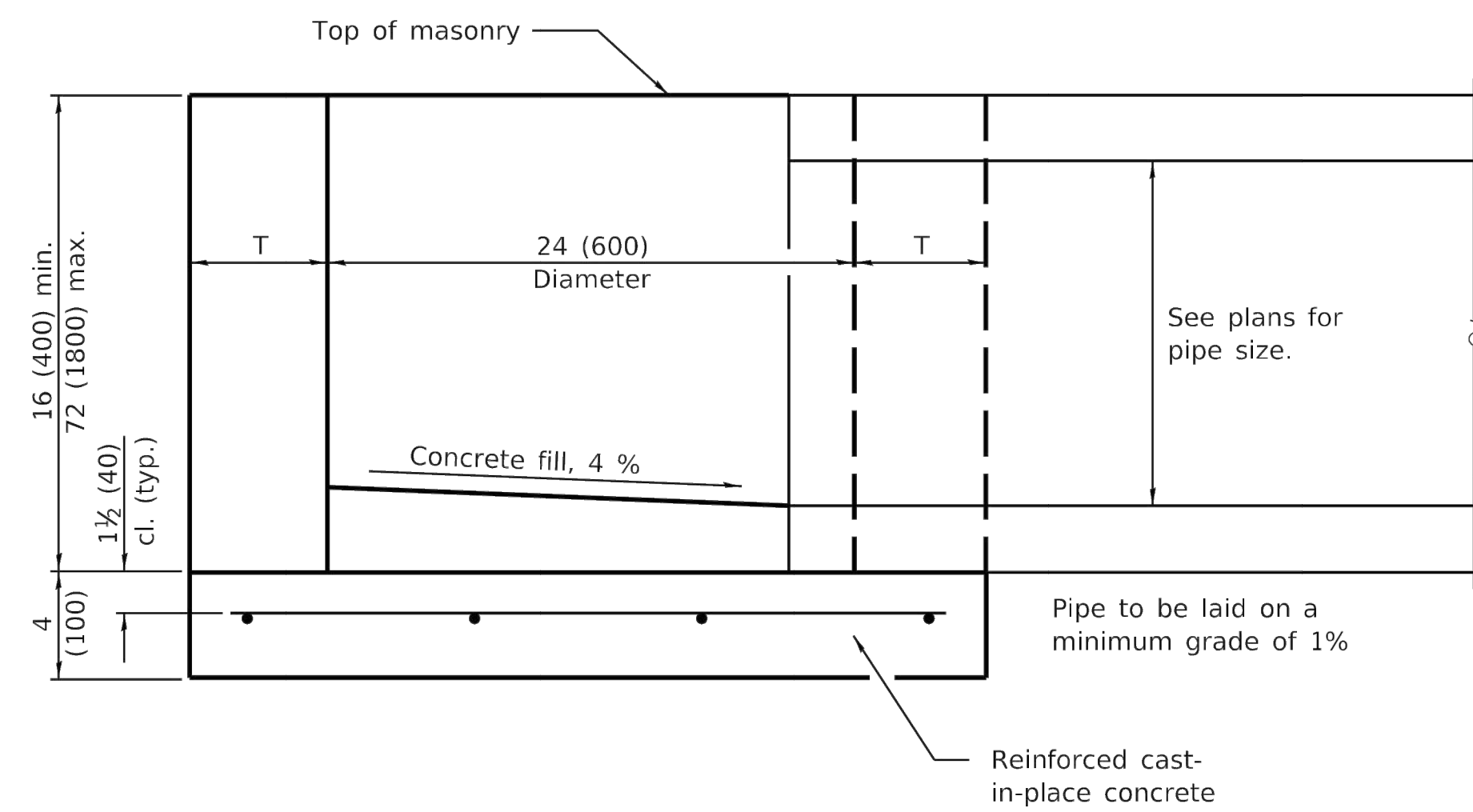
REVIEWED BY: LDH 11/2/23

SHEET TITLE

**MARKING PLAN**

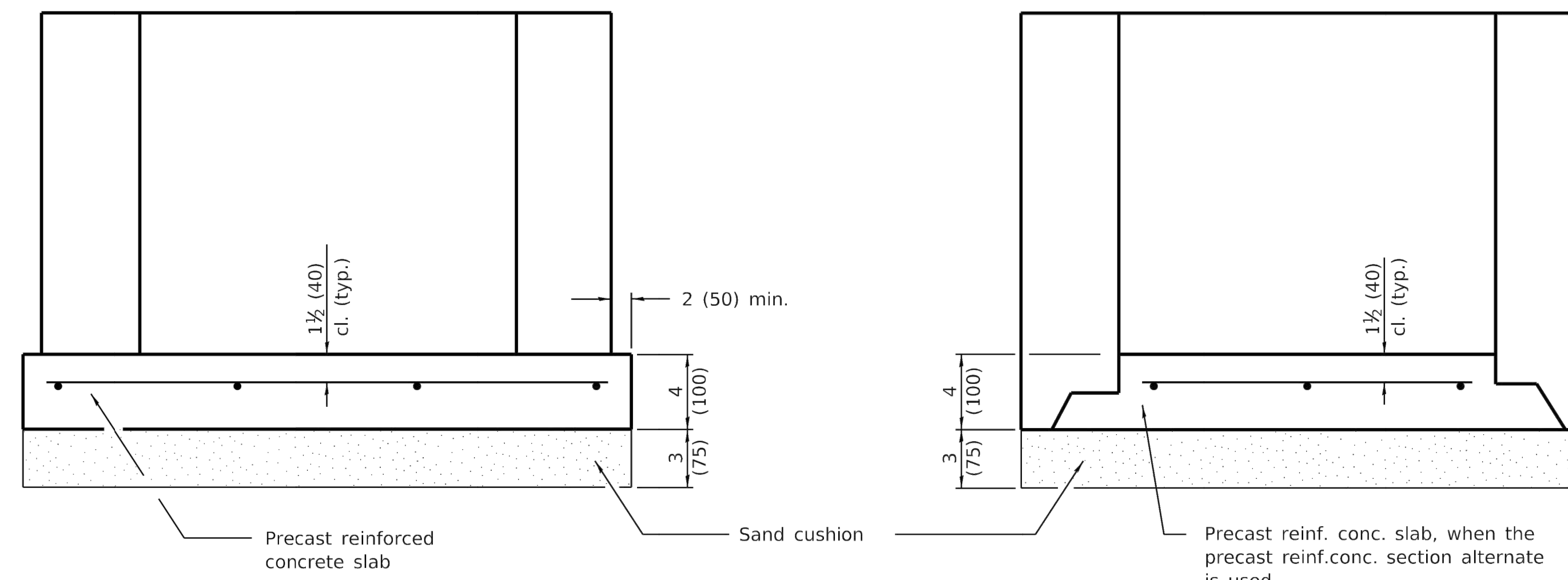


**PLAN**



**ELEVATION**

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)



**ALTERNATE METHODS**

**GENERAL NOTES**

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

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

DATE	REVISIONS	<b>INLET - TYPE A</b>  <b>STANDARD 602301-04</b>
1-1-14	Increased height to 72 (1800) maximum.	
1-1-11	Detailed rein. in slabs.	
	Added max. limit to height.	
	Added general notes.	



Decatur Park District  
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ISSUE: NOVEMBER 17, 2023

PROJECT NO: 22A0100D

CAD FILE: C-501-DET.DWG

DESIGN BY: HLE 04/11/2023

DRAWN BY: HLE 04/11/2023

REVIEWED BY: LDH 11/2/23

SHEET TITLE

IDOT STANDARD  
DETAIL - SHEET 1

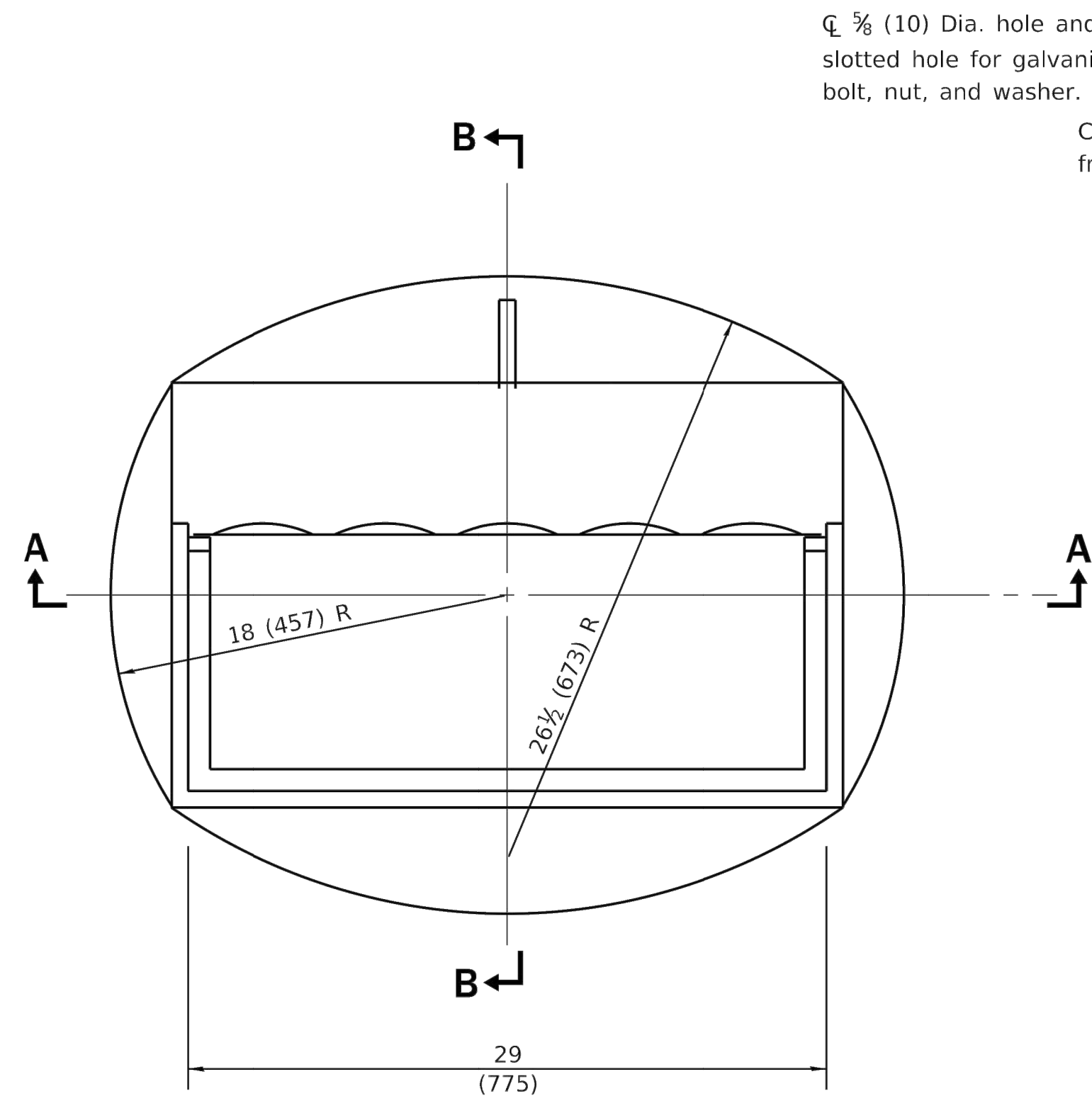
Illinois Department of Transportation

PASSED January 1, 2014  
*Michael Beard*  
ENGINEER OF POLICY AND PROCEDURES

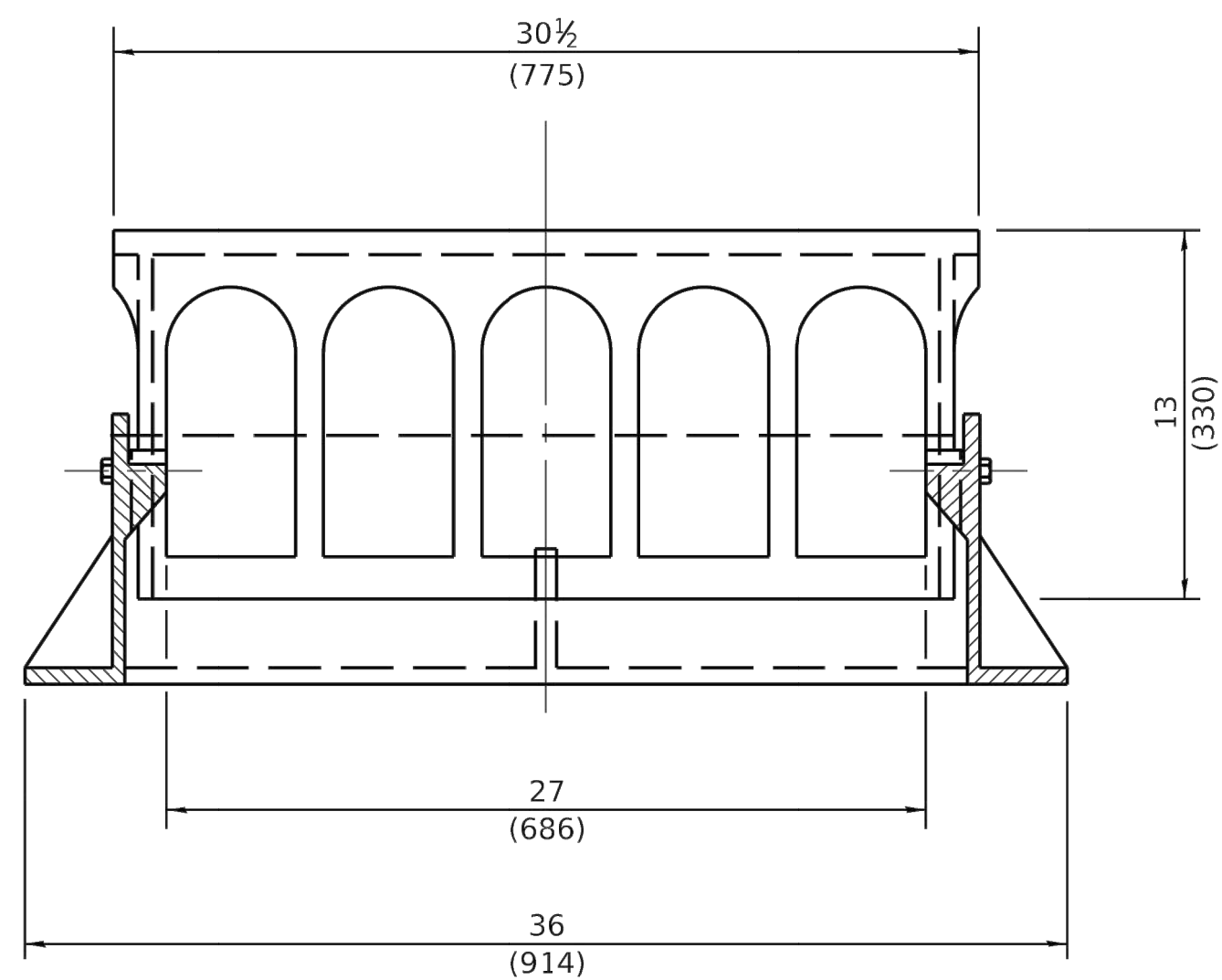
APPROVED January 1, 2014  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

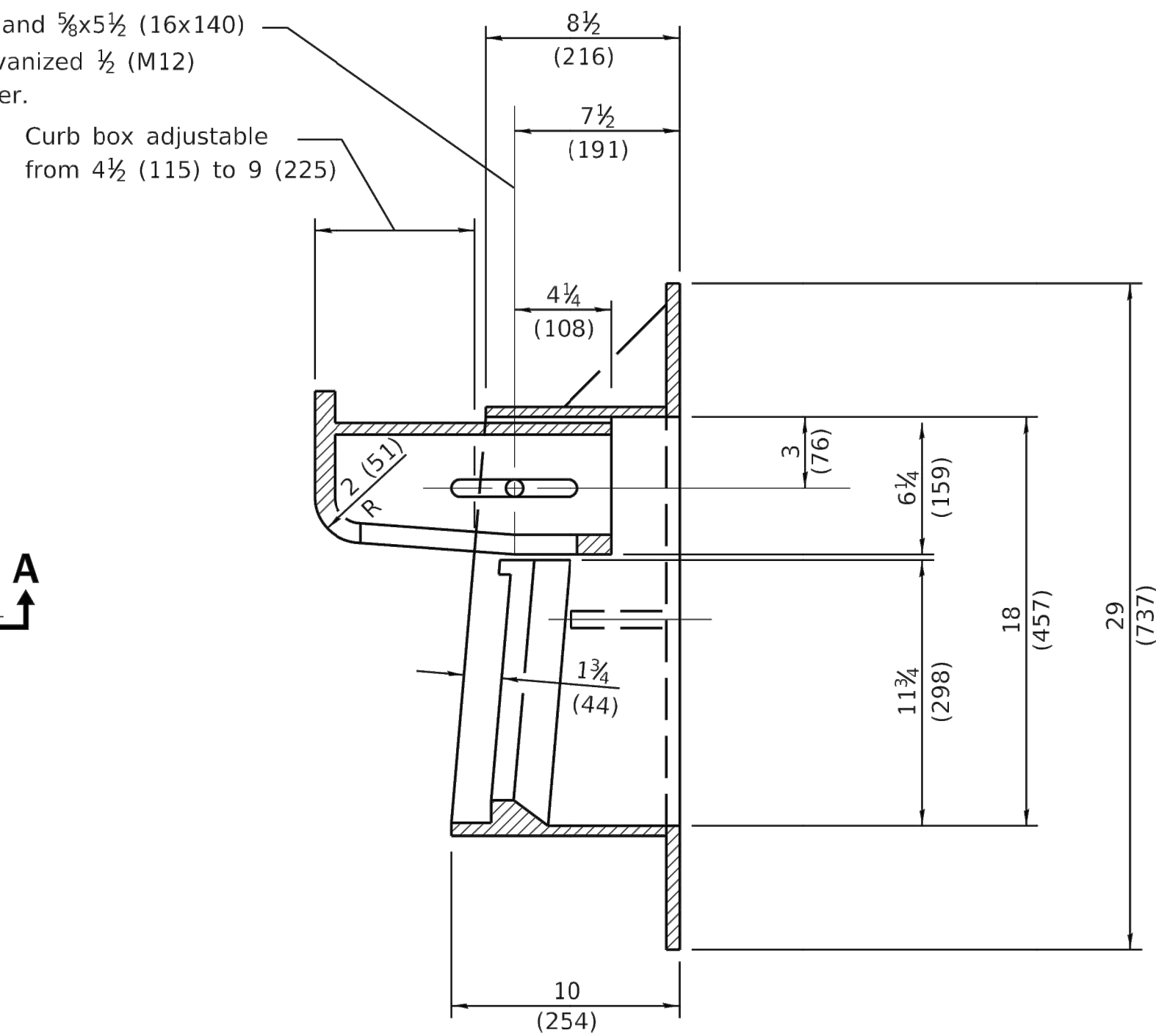




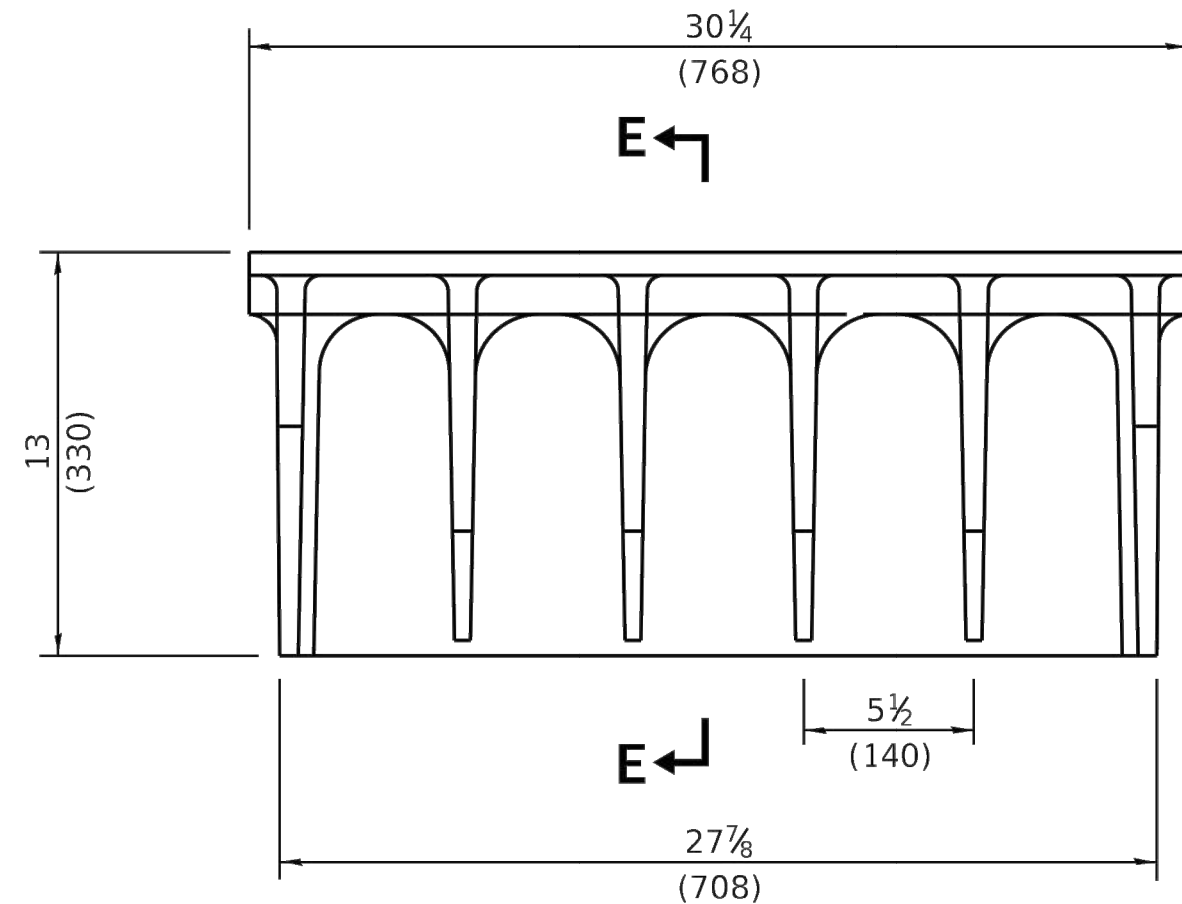
**CAST FRAME**



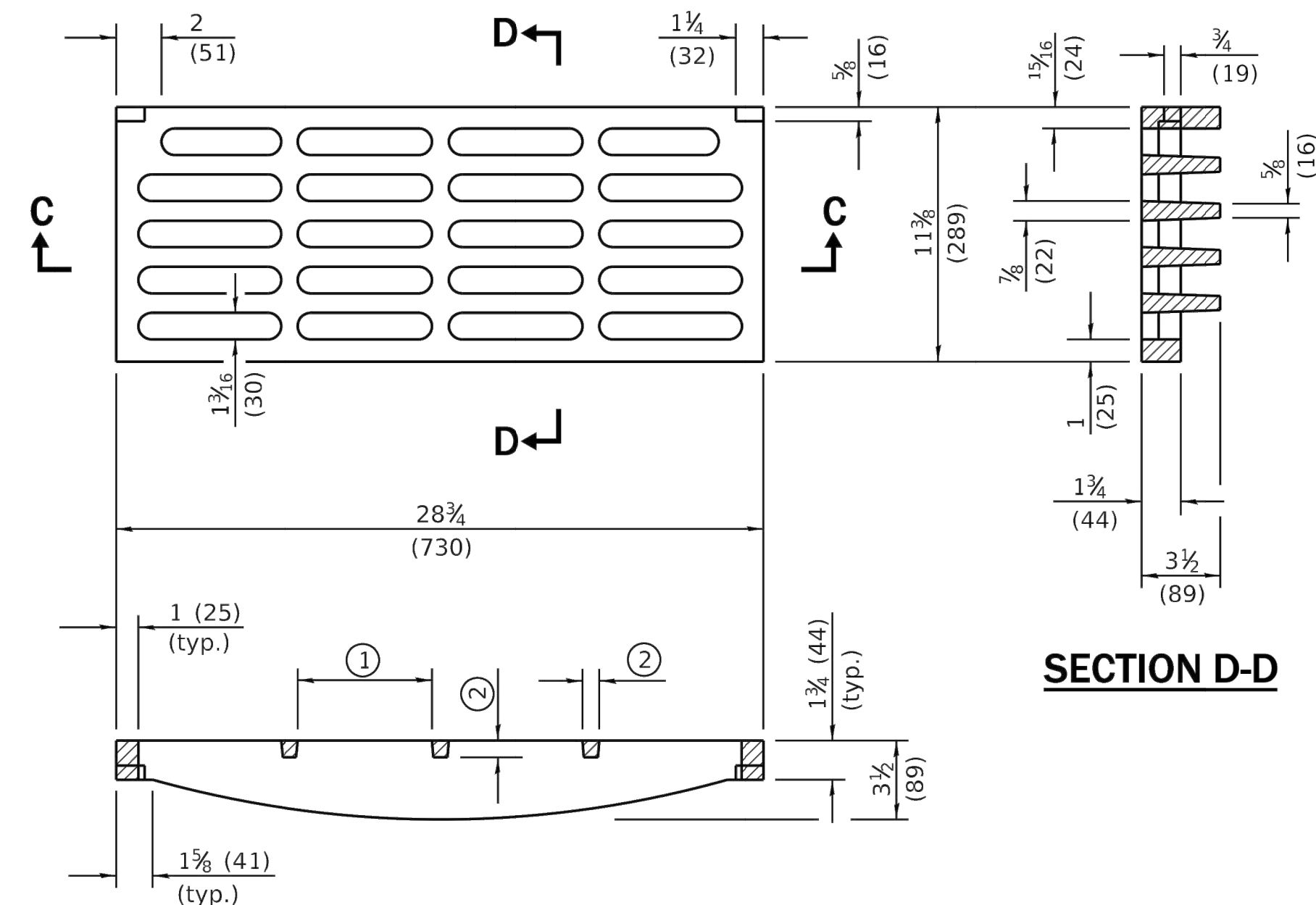
**SECTION A-A**



**SECTION B-B**



**ALTERNATE CURB BOX**

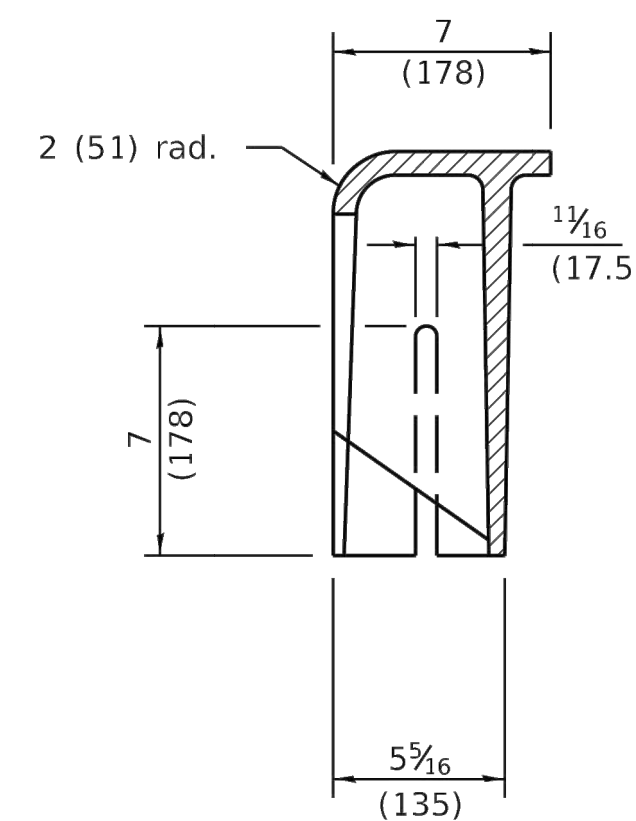


**SECTION C-C**

**SECTION D-D**

- ① = 6 1/4 (159) max. (typ.)
- ② = 3/4 (19) min. (typ.)

**CAST GRATE**



**SECTION E-E**

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

Illinois Department of Transportation

PASSED January 1, 2015  
Michael Brand  
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2015  
ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS
1-1-15	Revised dimensions of frame and alternate curb box.
4-1-09	Switched units to English (metric).

**FRAME AND GRATE  
TYPE 11**

**STANDARD 604051-04**



Decatur Park District  
Decatur Airport  
910 South Airport Road  
Decatur, IL 62521

**RECONSTRUCT SELECT  
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AIRPORT TERMINAL  
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Illinois Proj. No.: DEC-4822

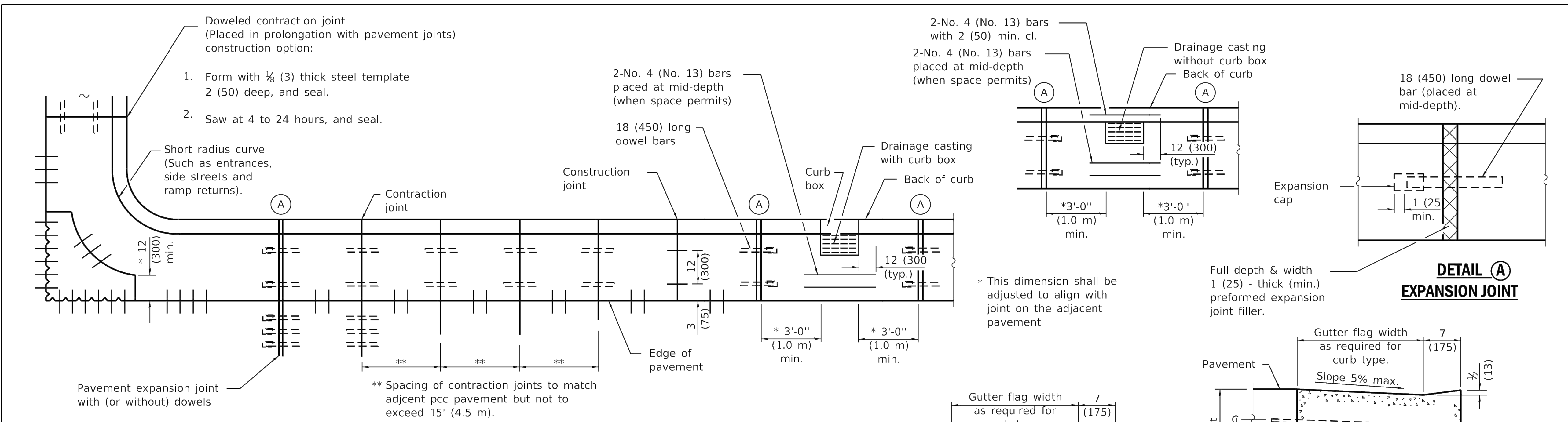
NO.	DATE	DESCRIPTION		
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ISSUE: NOVEMBER 17, 2023  
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CAD FILE: C-501-DET.DWG  
DESIGN BY: HLE 04/11/2023  
DRAWN BY: HLE 04/11/2023  
REVIEWED BY: LDH 11/2/23

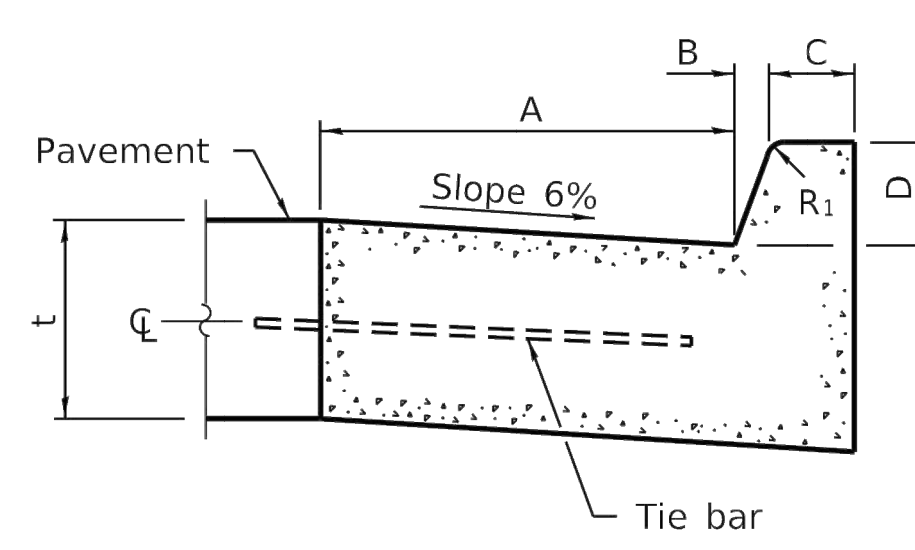
SHEET TITLE

IDOT STANDARD  
DETAIL - SHEET 2

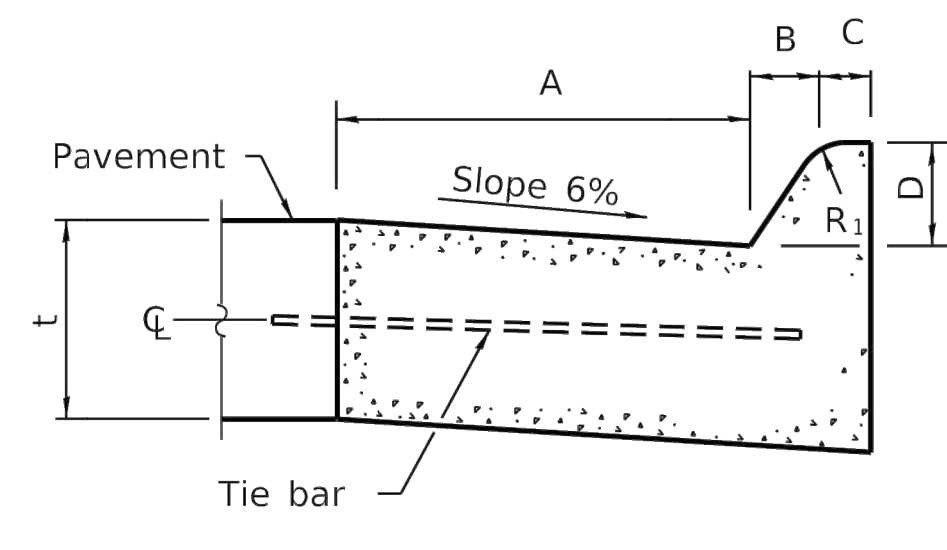




**PLAN**  
**ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE**



**BARRIER CURB**

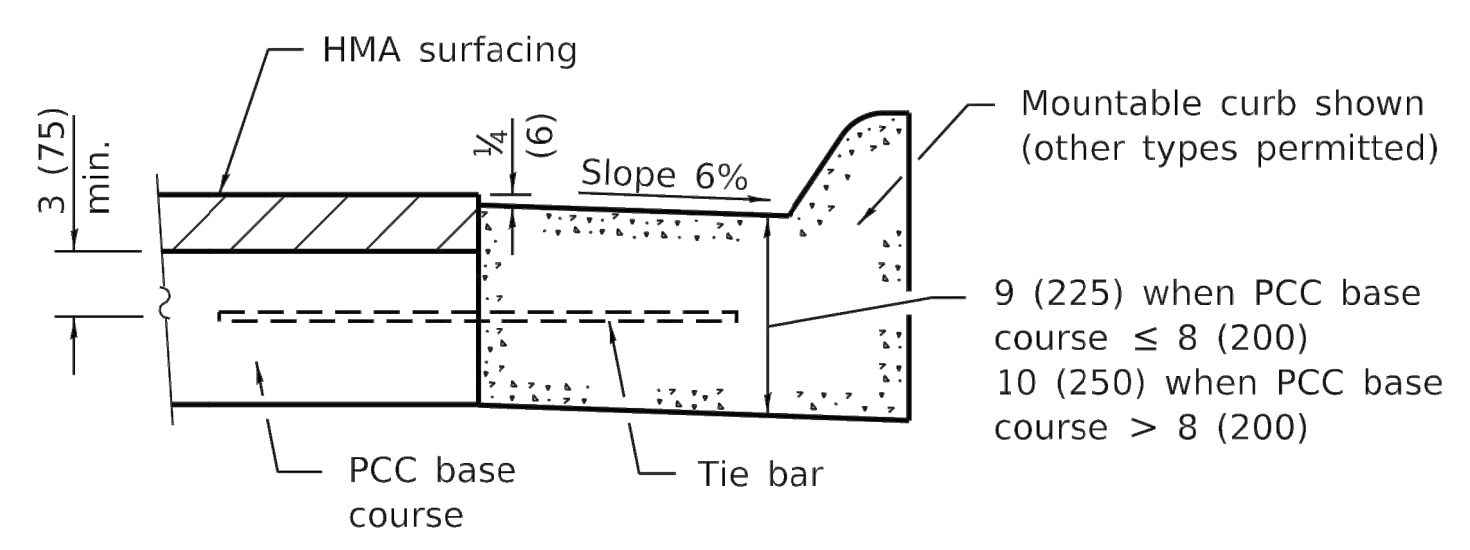


**MOUNTABLE CURB**

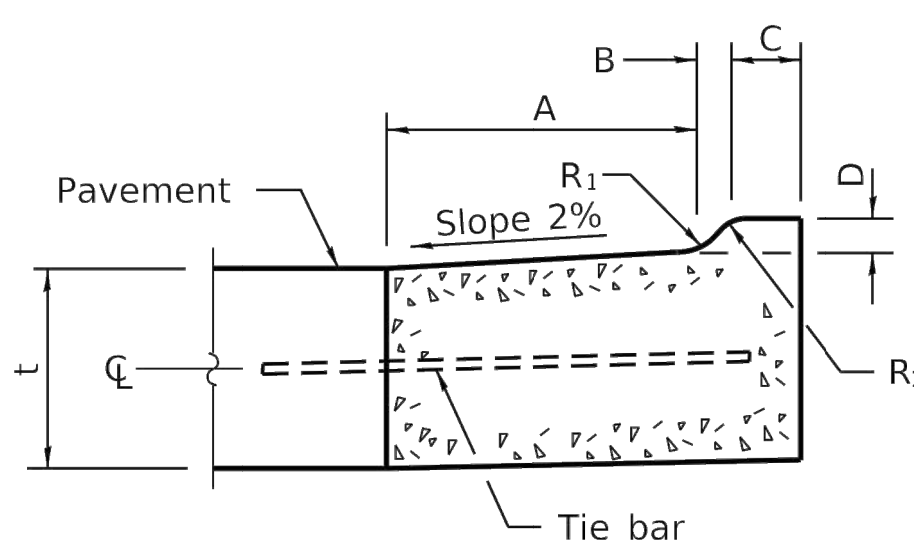
TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R <sub>1</sub>
B-6.06 *	6	1	6	6	1
(B-15.15)	(150)	(25)	(150)	(150)	(25)
B-6.12	12	1	6	6	1
(B-15.3)	(300)	(25)	(150)	(150)	(25)
B-6.18	18	1	6	6	1
(B-15.45)	(450)	(25)	(150)	(150)	(25)
B-6.24	24	1	6	6	1
(B-15.60)	(600)	(25)	(150)	(150)	(25)
B-9.12	12	2	5	9	1
(B-22.30)	(300)	(50)	(125)	(225)	(25)
B-9.18	18	2	5	9	1
(B-22.45)	(450)	(50)	(125)	(225)	(25)
B-9.24	24	2	5	9	1
(B-22.60)	(600)	(50)	(125)	(225)	(25)

\* For corner islands only.

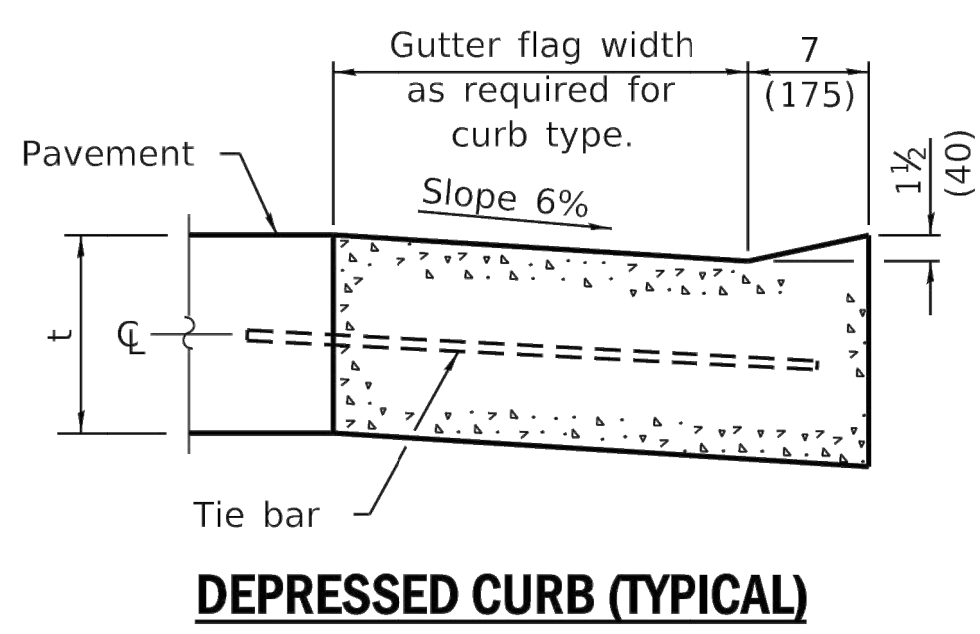
TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R <sub>1</sub>	R <sub>2</sub>
M-2.06	6	2	4	2	3	2
(M-5.15)	(150)	(50)	(100)	(50)	(75)	(50)
M-2.12	12	2	4	2	3	2
(M-5.30)	(300)	(50)	(100)	(50)	(75)	(50)
M-4.06	6	4	3	4	3	
(M-10.15)	(150)	(100)	(75)	(100)	(75)	NA
M-4.12	12	4	3	4	3	
(M-10.30)	(300)	(100)	(75)	(100)	(75)	NA
M-4.18	18	4	3	4	3	
(M-10.45)	(450)	(100)	(75)	(100)	(75)	NA
M-4.24	24	4	3	4	3	
(M-10.60)	(600)	(100)	(75)	(100)	(75)	NA
M-6.06	6	6	2	6	2	
(M-15.15)	(150)	(150)	(50)	(150)	(50)	NA
M-6.12	12	6	2	6	2	
(M-15.30)	(300)	(150)	(50)	(150)	(50)	NA
M-6.18	18	6	2	6	2	
(M-15.45)	(450)	(150)	(50)	(150)	(50)	NA
M-6.24	24	6	2	6	2	
(M-15.60)	(600)	(150)	(50)	(150)	(50)	NA



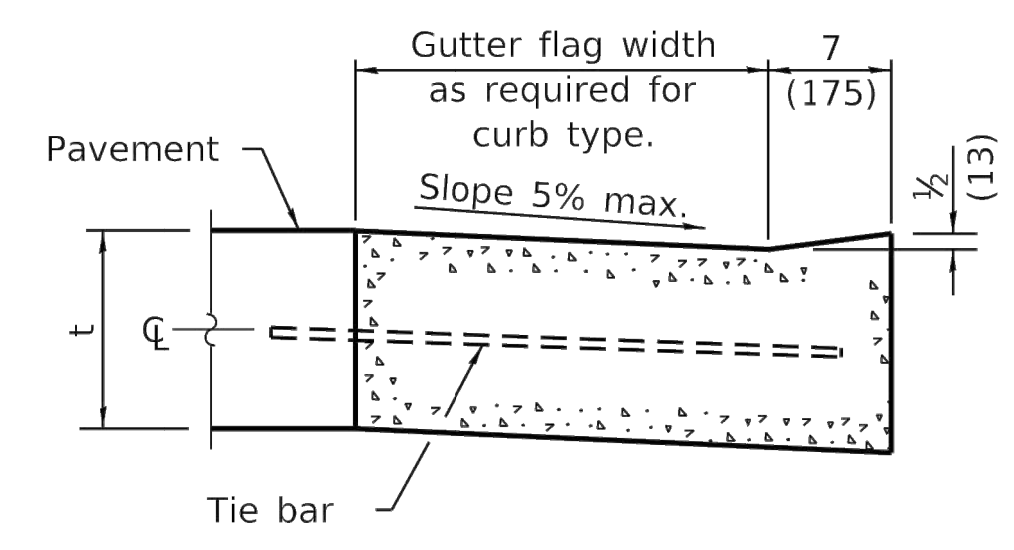
**ADJACENT TO PCC BASE COURSE  
WITH HMA SURFACING**



**M-2.06 (M-5.15) and M-2.12 (M-5.30)**



**DEPRESSED CURB (TYPICAL)**



**DEPRESSED CURB ADJACENT  
TO CURB RAMP ACCESSIBLE  
TO THE DISABLED**



**DETAIL A  
EXPANSION JOINT**

**GENERAL NOTES**

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

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

DATE	REVISIONS
1-1-22	Revised contraction joint spacing adjacent to pcc pavement.
1-1-18	Revised General Note for tie bar spacing to 36 (900) cts.

**CONCRETE CURB TYPE B  
AND COMBINATION  
CONCRETE CURB AND GUTTER**  
(Sheet 1 of 2)  
**STANDARD 606001-08**



Decatur Park District  
Decatur Airport  
910 South Airport Road  
Decatur, IL 62521

**RECONSTRUCT SELECT  
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ISSUE: NOVEMBER 17, 2023  
PROJECT NO: 22A0100D  
CAD FILE: C-501-DET.DWG  
DESIGN BY: HLE 04/11/2023  
DRAWN BY: HLE 04/11/2023  
REVIEWED BY: LDH 11/2/23

SHEET TITLE

IDOT STANDARD  
DETAIL - SHEET 3

Illinois Department of Transportation

PASSED January 1, 2022  
*Michael Brand*  
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2022  
*J. H. Hilde*  
ENGINEER OF DESIGN AND ENVIRONMENT

1581618  
1-1-20





Decatur Park District  
Decatur Airport  
910 South Airport Road  
Decatur, IL 62521

**RECONSTRUCT SELECT PORTIONS OF THE AIRPORT TERMINAL ENTRANCE ROAD**

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PROJECT NO: 22A0100D

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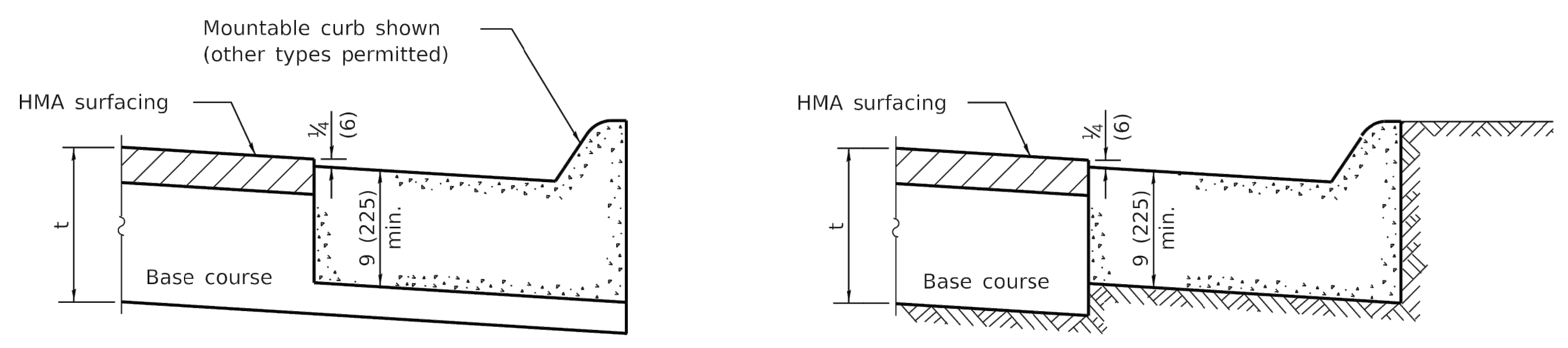
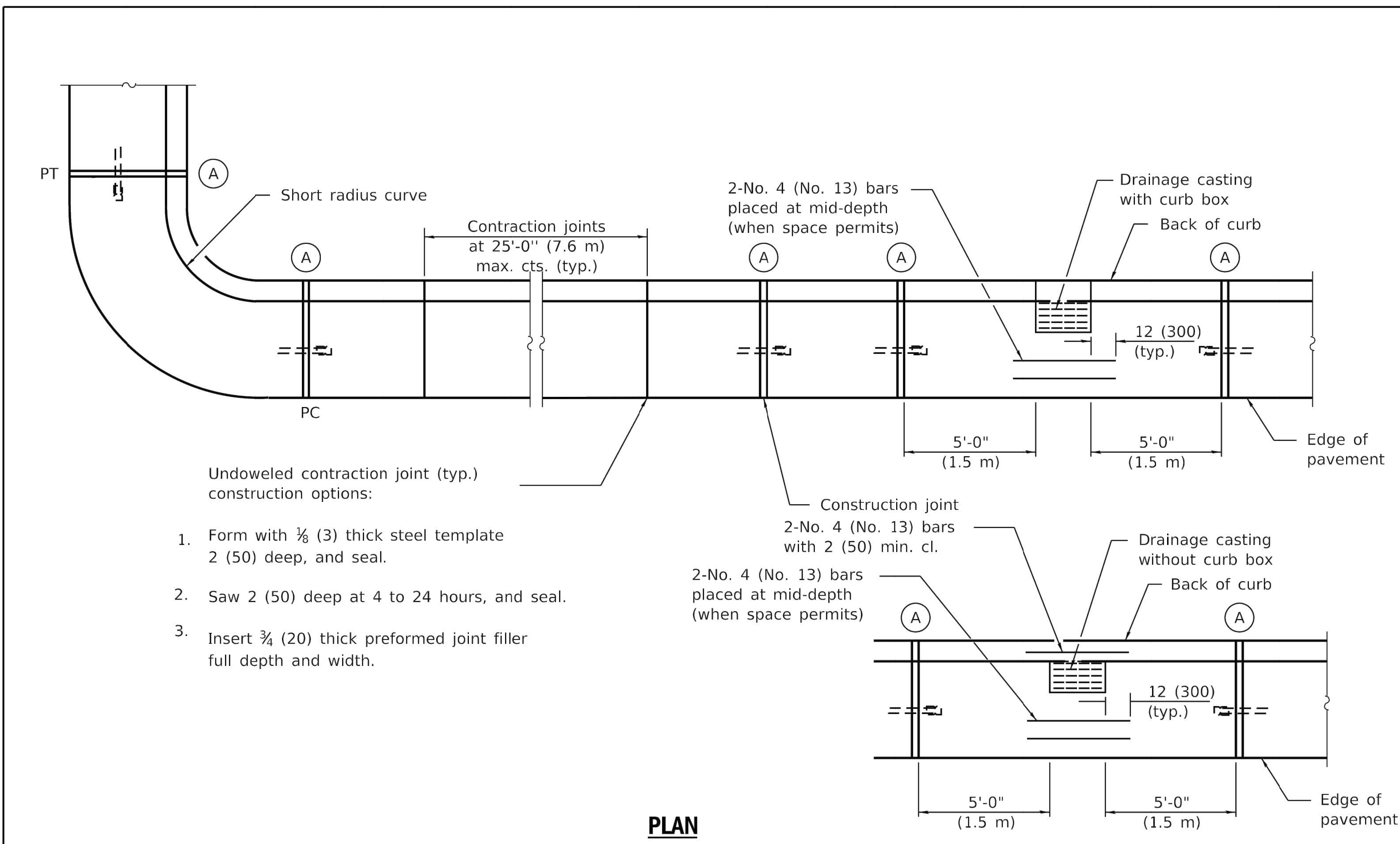
DESIGN BY: HLE 04/11/2023

DRAWN BY: HLE 04/11/2023

REVIEWED BY: LDH 11/2/23

SHEET TITLE

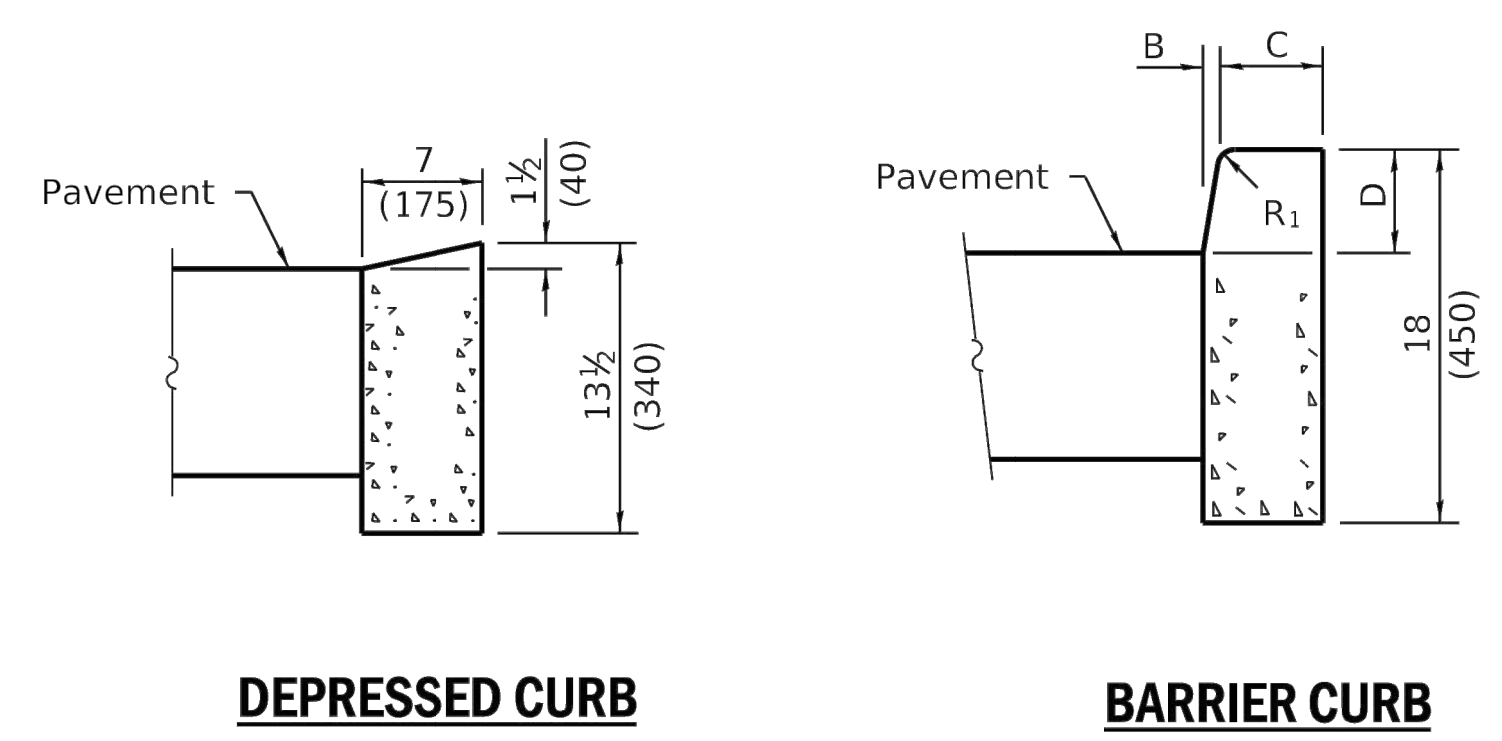
IDOT STANDARD  
DETAIL - SHEET 4



**ON DISTURBED SUBGRADE**

**ON UNDISTURBED SUBGRADE**

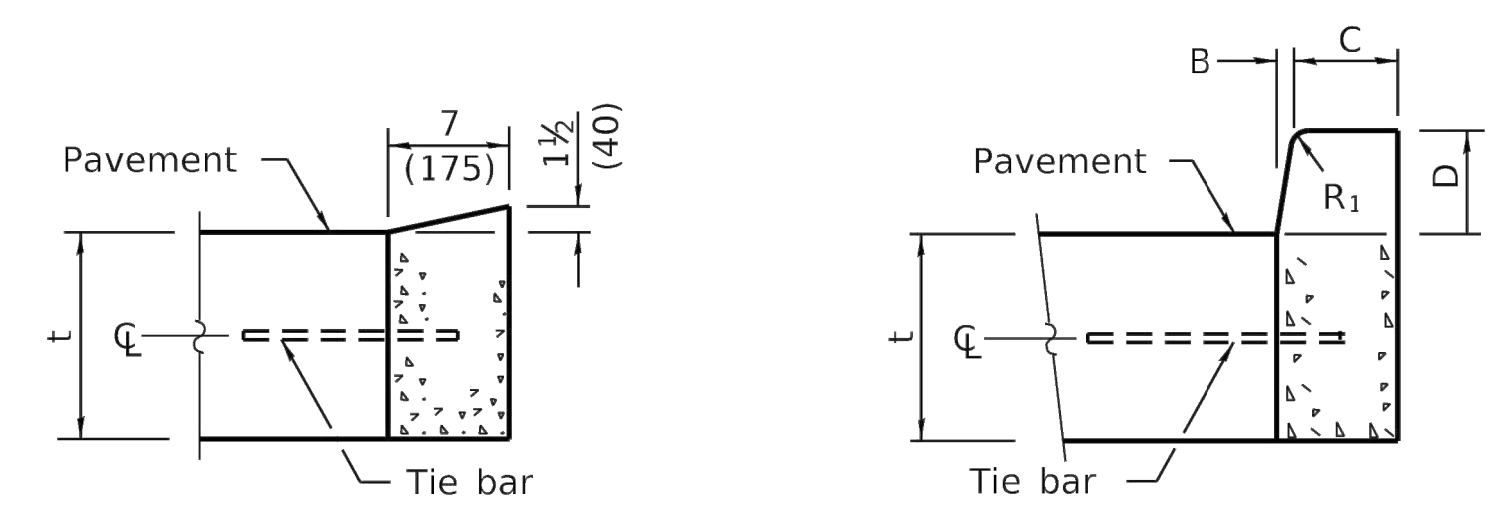
**ADJACENT TO FLEXIBLE PAVEMENT**



**DEPRESSED CURB**

**BARRIER CURB**

**ADJACENT TO FLEXIBLE PAVEMENT**



**DEPRESSED CURB**

**BARRIER CURB**

**ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE**

**CONCRETE CURB TYPE B**

**CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER**  
(Sheet 2 of 2)

**STANDARD 606001-08**

Illinois Department of Transportation

PASSED January 1, 2022  
*Michael Brand*  
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2022  
*John C. ...*  
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-2022

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