

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LADD	(401S)RS, MG	LIVINGSTON	8	1
		ILLINOIS	CONTRACT NO. 66N13	

**INDEX OF SHEETS**

- 1. COVER SHEET
- 2. GENERAL NOTES
- 3 - 4. SUMMARY OF QUANTITIES
- 5. TYPICALS
- 6. PLAN - DRAINAGE
- 7. PLAN - MILLING DETAILS
- 8. PLAN - RESURFACING DETAILS

**STANDARDS**

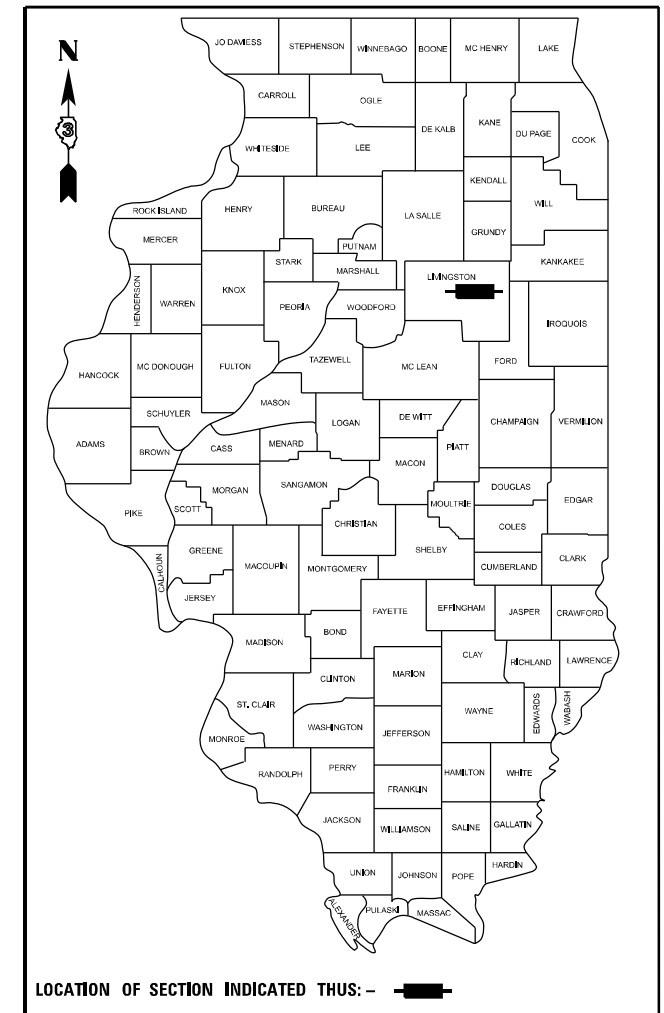
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
602301-04	INLET - TYPE A
604006-05	FRAME AND GRATE, TYPE 3
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006 05	OFF ROAD OPERATIONS 2L, 2W, 15' (4.5 m) TO 24" (600 MM) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
701901-08	TRAFFIC CONTROL DEVICES

**PROPOSED  
HIGHWAY PLANS**

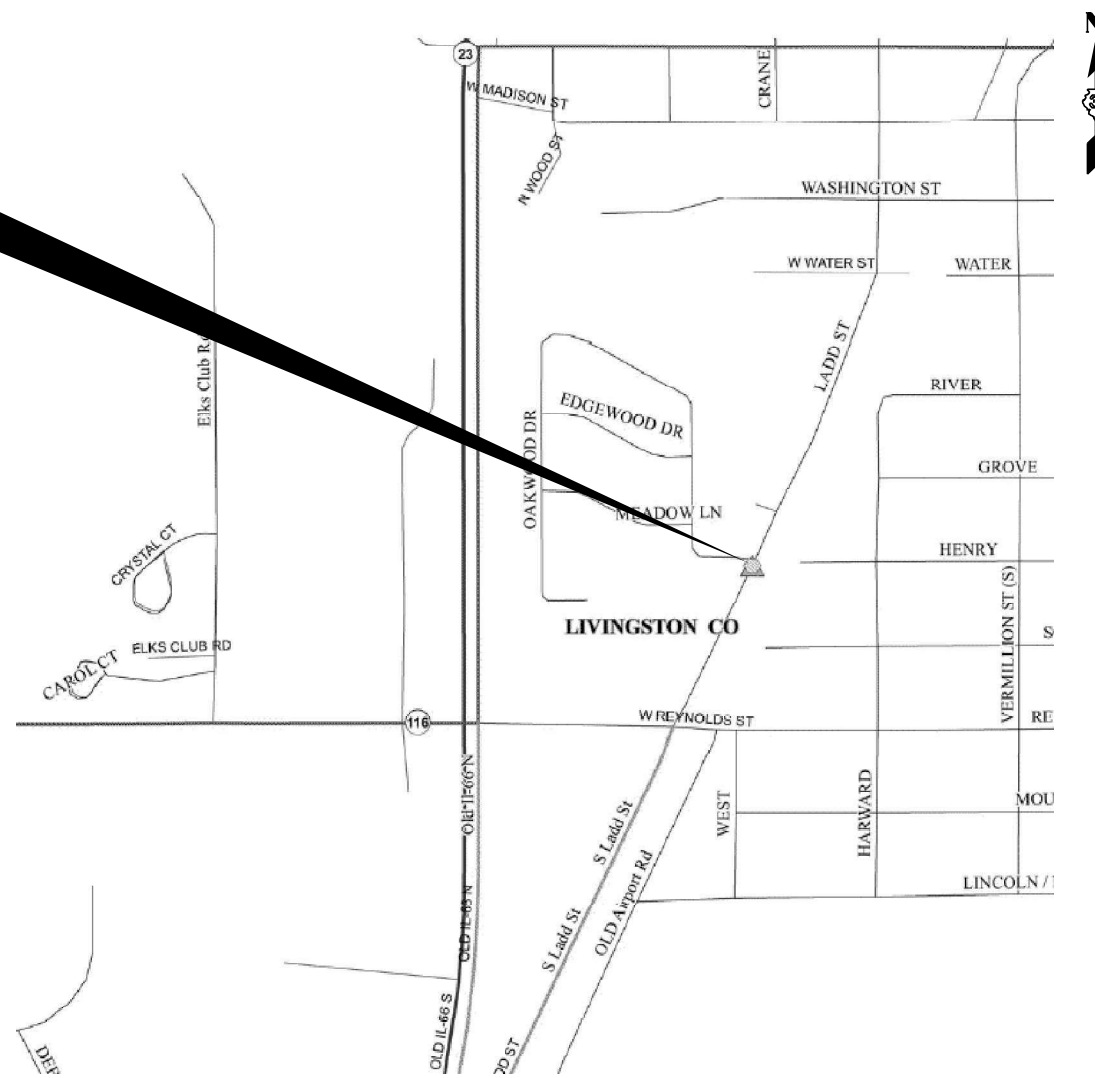
**S. LADD STREET  
SECTION (401S)RS, MG  
MILLING AND RESURFACING  
LIVINGSTON COUNTY**

C-93-034-23

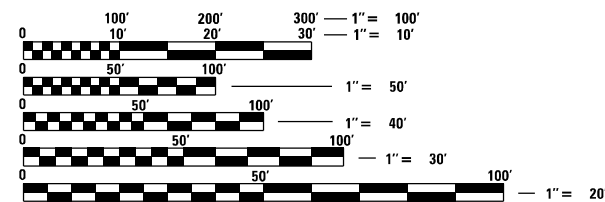
D-93-014-23



**PROJECT LOCATION**  
PONTIAC TRAFFIC MAINTENANCE FACILITY  
401 S. LADD STREET  
+/-1400 FEET EAST OF IL 116 (OR 66)  
IN PONTIAC



POINT LOCATION



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: YOGESH PATEL P.E.  
UNIT CHIEF: RON WOODSHANK  
DISTRICT PHONE (815) 434-6131

CONTRACT NO. 66N13

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 22, 2022

*James Almed*  
REGIONAL ENGINEER

February 3, 2023  
*John A. Elk*  
ENGINEER OF DESIGN AND ENVIRONMENT

February 3, 2023  
*Steph M. Davis*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

**GENERAL NOTES**

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

THE WORK REQUIRED TO CONNECT ANY EXISTING OR PROPOSED SEWER TO AN EXISTING OR PROPOSED DRAINAGE DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE SEWER ITEMS.

TO AN EXISTING OR PROPOSED DRAINAGE STRUCTURE OR PIPE WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE SEWER ITEMS.

ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE IDOT RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS		2.05	TONS / CU YD
HMA BINDER CSE. (HAND METHOD)		0.0005	TONS / SQ YD
BITUMINOUS MATERIALS (TACK COAT)	MILLED HMA	0.05	LBS / SQ FT
	NEW HMA	0.025	
HMA RESURFACING		112	LBS / SQ YD / IN

ALL DAMAGE TO DEPARTMENT OWNED ABOVE/UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

**COMMITMENTS**

PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES, THE RESIDENT ENGINEER SHALL COORDINATE WITH THE DEPARTMENTS BUREAU OF OPERATIONS, YOGESH PATEL, PHONE (815) 434-8418 AND THE PONTIAC CITY ENGINEER, BRIAN VERDUN, PHONE (815) 844-1038 FOR THE COMPLETION OF THE CITY OF PONTIAC "ZONING CERTIFICATE OF APPLICATION".

**HMA MIXTURE REQUIREMENT TABLE**

LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER	HMA SURFACE
BINDER GRADE (PG):	SBS PG70-28	SBS PG70-28
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70
MIXTURE COMPOSITION: (MIXTURE GRADATION)	1L 19.0	1L 9.5
FRICTION AGGREGATE:	N/A	MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
DENSITY TEST METHOD:	NUCLEAR/CORES	NUCLEAR/CORES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DISTRICT THREE  
AS BUILT INFORMATION

\_\_\_\_\_  
SUPERVISING CONSTRUCTION FIELD ENGINEER

\_\_\_\_\_  
RESIDENT ENGINEER / TECHNICIAN

START & END DATES  
OF CONSTRUCTION:

INSPECTORS:

MODEL: D:\info\... FILE NAME: ...

USER NAME = ronald.woodshank	DESIGNED - RW	REVISED - _____
DRAWN - RW	CHECKED - YP	REVISED - _____
PLOT SCALE = 100,000' / in.	DATE - 10/22/2022	REVISED - _____
PLOT DATE = 2/14/2023		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES**

SCALE: 50 SHEET 1 OF 1 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(401S)RS.MG	LIVINGSTON	9	2
CONTRACT NO. 66N13				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION CODE	
CAPITOL DEVELOPMENT BOARD	
100% STATE	
ROADWAY	
0005	
URBAN	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
20200100	EARTH EXCAVATION	CU YD	23	23
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	75	75
35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	75	75
35800200	AGGREGATE BASE REPAIR	TON	75	75
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	156	156
40600906	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N70	TON	10	10
40600990	TEMPORARY RAMP	SQ YD	290	290
40603235	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	886	886
40604152	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	532	532
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	75	75
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	56	56
44000600	SIDEWALK REMOVAL	SQ FT	125	125
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	60	60

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PLOT DATE = 12/22/2022	DATE - 10/22/2022	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: 50      SHEET 1 OF 2 SHEETS      STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LADD	(401S)RS.MG	LIVINGSTON	9	3
CONTRACT NO. 66N13				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CAPITOL DEVELOPMENT BOARD 100% STATE ROADWAY 0005 URBAN	
67100100	MOBILIZATION	L SUM	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1	
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	5748	5748	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	3	3	

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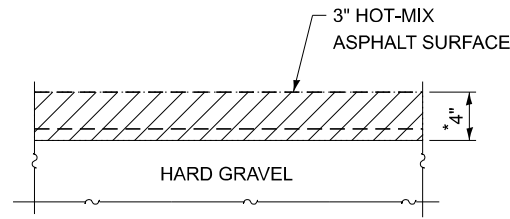
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PLOT DATE = 12/22/2022	DATE - 10/22/2022	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

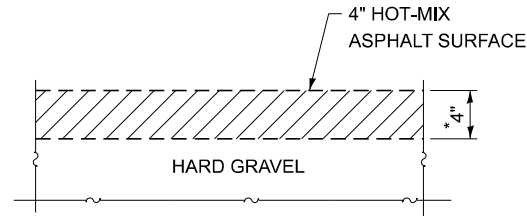
**SUMMARY OF QUANTITIES**

SCALE: 50 SHEET 2 OF 2 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

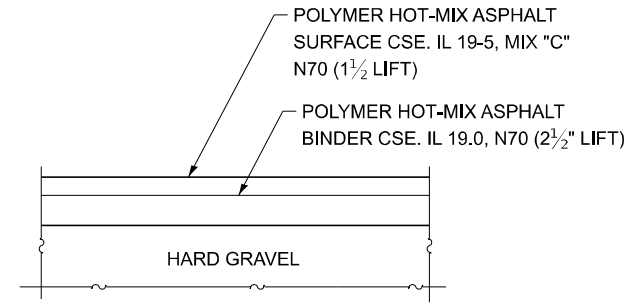
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LADD	(401S)RS.MG	LIVINGSTON	9	4
CONTRACT NO. 66N13				
ILLINOIS FED. AID PROJECT				



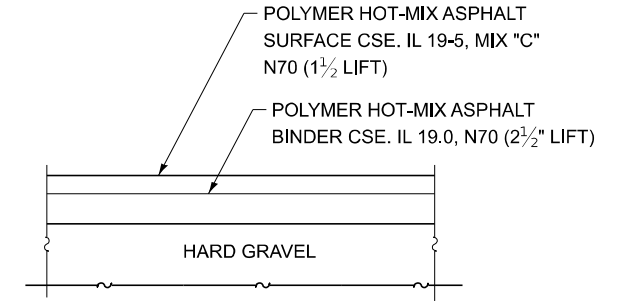
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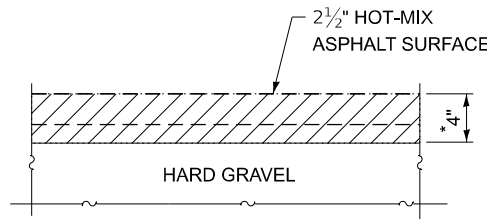
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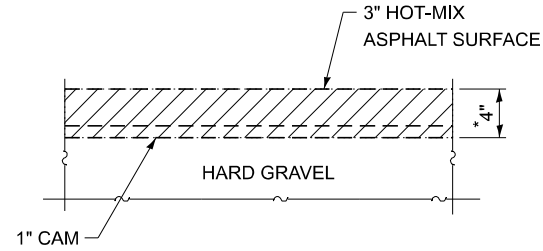
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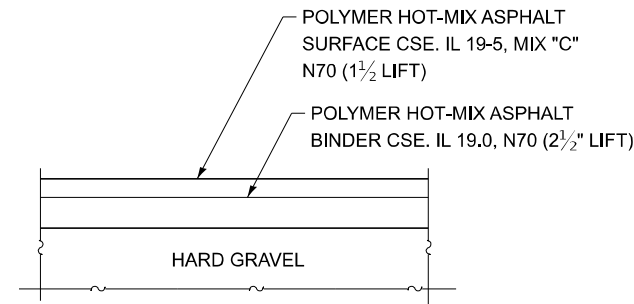
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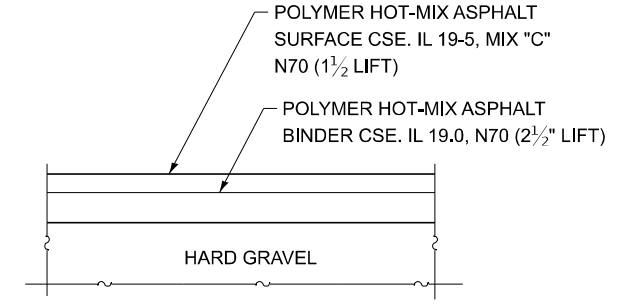
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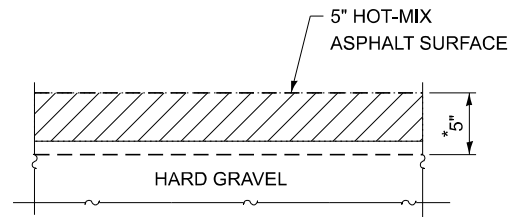


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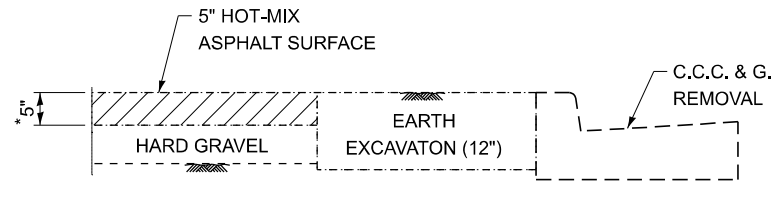


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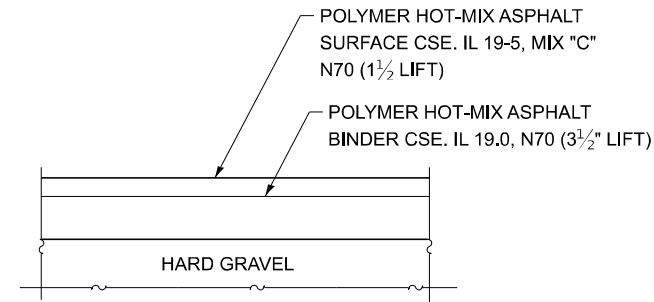
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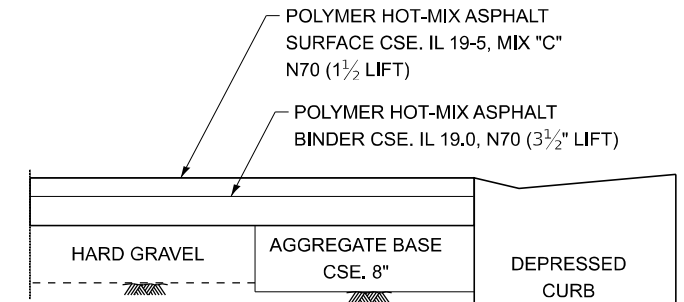
**AREA #3**



**AREA #6**



**AREA #3**



**AREA #6**

**TYPICAL SECTIONS  
EXISTING**

**TYPICAL SECTIONS  
PROPOSED**

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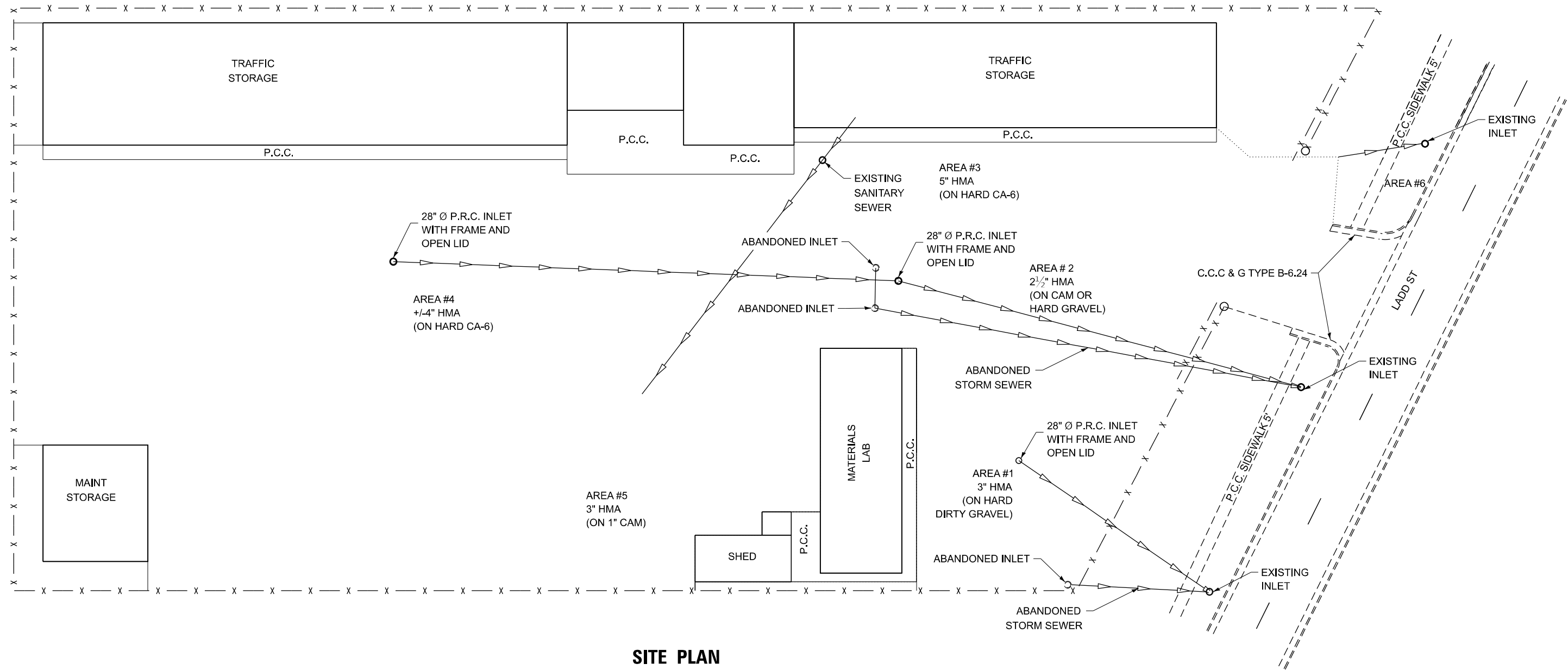
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PLOT DATE = 12/22/2022		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: 50 SHEET 1 OF 1 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LADD	(401S)RS.MG	LIVINGSTON	9	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66N13	



**SITE PLAN  
PONTIAC TRAFFIC YARD**

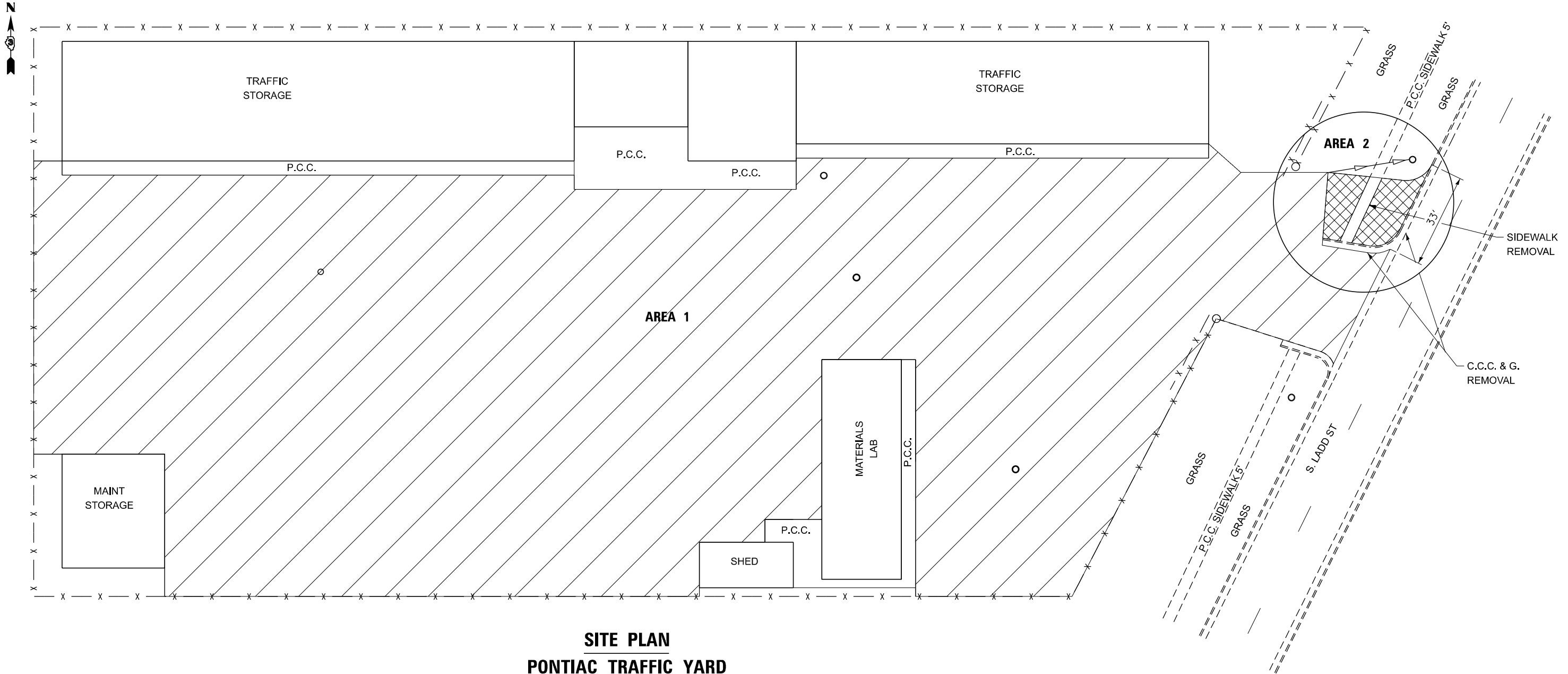
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 DATE: 12/22/2022

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	DRAWN - RW	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 12/22/2022	DATE - 10/22/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

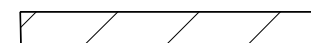

<b>PLAN DRAINAGE</b>	
SCALE: 50	SHEET 1 OF 1 SHEETS
STA. _____	TO STA. _____

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LADD	(401S)RS.MG	LIVINGSTON	9	6
CONTRACT NO. 66N13				
ILLINOIS FED. AID PROJECT				



**SITE PLAN  
PONTIAC TRAFFIC YARD**

**LEGEND**

-  **HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL (4" DEPTH)**
-  **EARTH EXCAVATION (12" DEPTH)  
AGGREGATE BASE CSE. 8"**

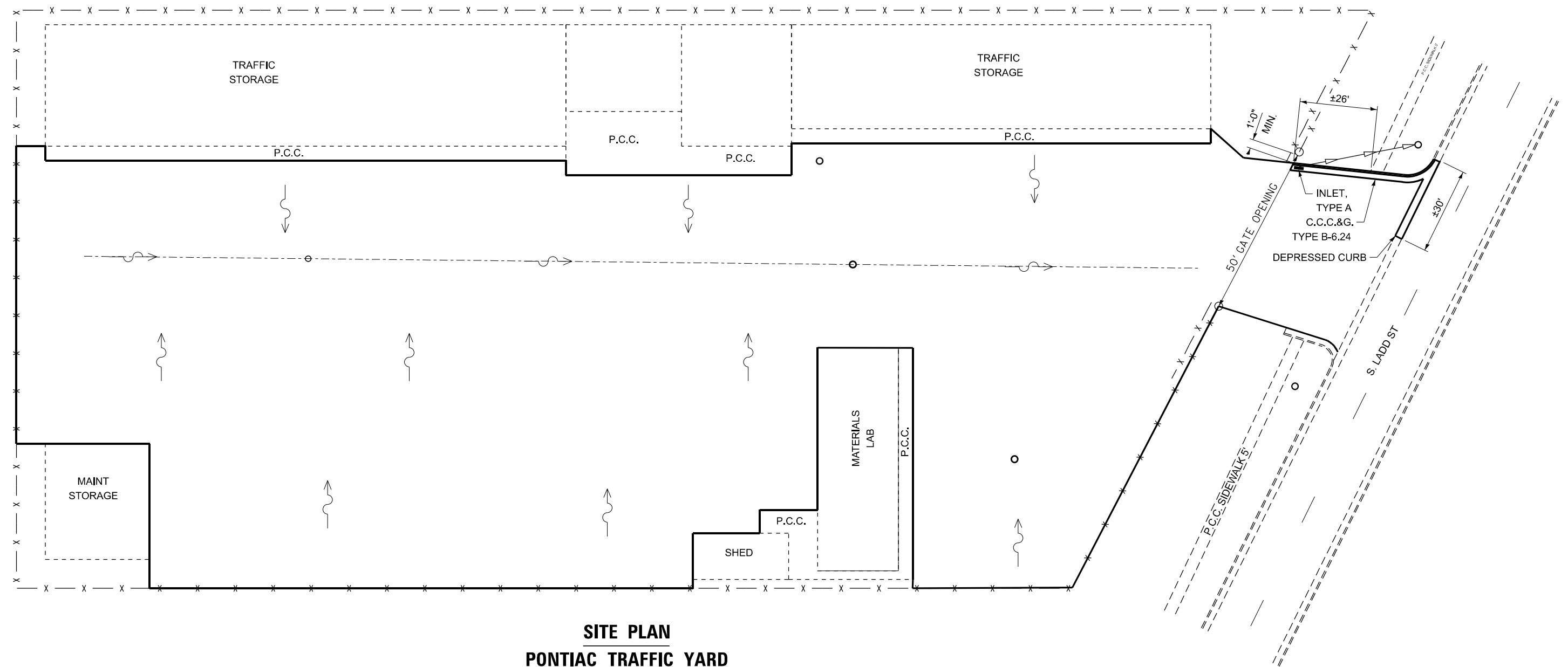
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PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 12/22/2022	DATE - 10/22/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN MILLING DETAILS</b>		
SCALE: 50	SHEET 1 OF 1 SHEETS	STA. _____ TO STA. _____

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LADD	(401S)RS, MG	LIVINGSTON	9	7
CONTRACT NO. 66N13				
ILLINOIS FED. AID PROJECT				



**SITE PLAN  
PONTIAC TRAFFIC YARD**

**LEGEND**

- POLYMER HOT-MIX ASPHALT BINDER CSE. IL 19.0, N70 (2 1/2" LIFT)
- POLYMER HOT-MIX ASPHALT SURFACE CSE, IL 9.5, MIX C, N70 (1 1/2" LIFT)
- SURFACE DRAINAGE

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 DATE: 12/22/2022

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DRAWN - RW	REVISIONS -	
PLOT SCALE = 100,000' / in.	CHECKED - YP	REVISED -
PLOT DATE = 12/22/2022	DATE - 10/22/2022	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN RESURFACING DETAILS</b>	
SCALE: 50	SHEET 1 OF 1 SHEETS
STA. _____	TO STA. _____

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
LADD	(401S)RS.MG	LIVINGSTON	9	8
CONTRACT NO. 66N13				
ILLINOIS FED. AID PROJECT				