STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

INDEX OF SHEETS

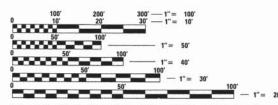
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5-9	EXISTING AND PROPOSED PLAN
10	MAINTENANCE OF TRAFFIC PLAN
11	EROSION CONTROL PLAN
12–15	CROSS SECTIONS
16	STANDARD DETAILS

HIGHWAY STANDARDS

000001-06 STANDARD SYMBOLS ABBREVIATIONS AND PATTERNS 001006 DECIMAL OF INCH & FOOT 280001-07 TEMPORARY EROSION CONTROL SYSTEMS 424001-07 PERPENDICULAR CURB RAMPS FOR SIDEWALKS 424026-01 ENTRANCE/ALLEY PEDESTRIAN CROSSING 482001-07 . HMP SHOULDER ADJACENT TO FLEXIBLE PAVEMENT 606001-0.5 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER OSE-ROAD OPERATIONS, 21, 2W, 11' TO 24' FROM EAGE OF PAVEHENT OFF-ROAD MOVING OPERATIONS, 21, 2W, DAY ONLY LAVE GLOSURE, 21, 2W, SHORT TIME OPERATIONS 701006-04 701301-04 URBAN LANE CLOSURE. 2L. 2W. UNDIVIDED 701801-05 SIDEWALK CORNER AND CROSSWALK CLOSURE 701901-02 TRAFFIC CONTROL DEVICES - 17:5 (17:00) (17:00) - 17:10 (17:00) (17:00)

CENTRAL ROAD: ARTERIAL SPEED LIMIT: 35 MPH ADT: 13200
HARRISON STREET: COLLECTOR SPEED LIMIT: 25 MPH ADT: 1475
DEE ROAD: COLLECTOR SPEED LIMIT: 25 MPH ADT: 1050

DISTRICT 1 TYPICAL PAVEMENT MARKINGS



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.

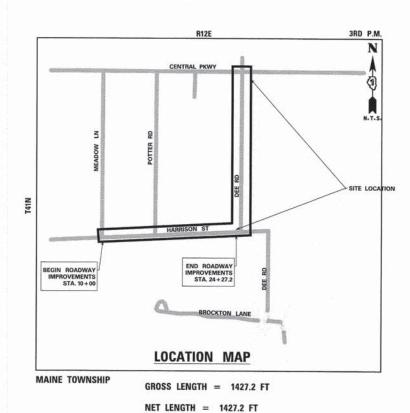
J.U.L.I.E.

TC-13

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION CALL: 1-800-892-0123

PLANS FOR PROPOSED FEDERAL AID HIGHWAY

F.A.U. 1300 (CENTRAL ROAD) AT DEE ROAD
HARRISON STREET FROM MEADOW LANE TO DEE ROAD
SIDEWALK IMPROVEMENT
SECTION NO. 12–11100–90–SW
SRTS–4009(233)
MAINE TOWNSHIP
COOK COUNTY
JOB NO. C–91–101–13

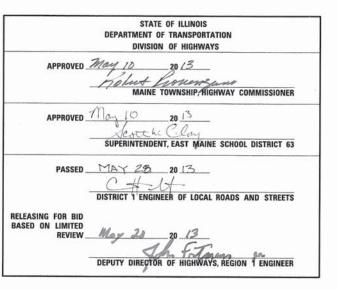


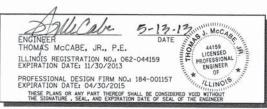
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OF THE STATE OF ILLINOIS

F.A.U. ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1300	12-11100-90-SW	соок	16	1

CONTRACT NO. 63828









CONTRACT NO. 63828

23/6421/6421.08 Safe Routes to School - Harrison Street/ENG/6421/08IDO1 TITLE dgn Default Users/BRUTCHER

GENERAL NOTES, SPECIFICATIONS, AND SPECIAL PROVISIONS

- 1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1. 2012. THE "SUPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS". THE LATEST REVISION: THE LATEST EDITION OF THE ILLINOIS "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAY": THE DETAILS IN THE PLANS AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- 2. THE LOCATION OF DRAINAGE STRUCTURES, STORM SEWERS, WATERMAINS, SANITARY SEWERS, AND OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF MOBILIZATION UNIT BID PRICE OF THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 3. ALL AREAS DISTURBED DURING CONSTRUCTION OPERATIONS AND NOT PART OF THE WORK AS SHOWN HEREON SHALL BE RESTORED TO ORIGINAL CONDITION TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COMPENSATION TO THE CONTRACTOR. IT IS INCUMBENT UPON THE CONTRACTOR TO SHOW THAT DAMAGED AREAS WERE NOT DISTURBED BY CONSTRUCTION OPERATIONS.
- 4. THESE DRAWINGS ASSUME THAT THE CONTRACTOR WILL UTILIZE AN ELECTRONIC DRAWING FILE AND STAKE ALL SITE IMPROVEMENTS USING COORDINATES TIED INTO THE PROVIDED CONTROL POINTS. THE DIMENSIONS INDICATED ON THE DRAWINGS ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY.
- 5. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.THIS WORK SHALL BE INCLUDED IN THE L.SUM COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
- 6. THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING ALL EXISTING UTILITIES AND STRUCTURES AS NECESSARY TO THE FINAL PROPOSED SURFACE PROFILE GRADES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH CITY DEPARTMENTS AND UTILITY OWNERS.
- 7. CONTRACTOR IS RESPONSIBLE FOR REMOVAL, STORAGE, AND RE-INSTALLATION OF ALL EXISTING SIGNAGE, MAIL/ UPS BOXES, STREET SIGNS, AND OTHER ITEMS THAT ARE IMPACTED BY THIS CONTRACT AND ARE NOT SHOWN AS BEING REPLACED. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY OF THESE ITEMS THAT ARE DAMAGED AS A RESULT OF THIS CONTRACT FOR NO ADDITIONAL COST. THE REMOVAL AND RE-INSTALLATION OF THESE ITEMS IS NOT QUANTIFIED SEPARATELY AND ARE INCLUDED IN THE COST OF MOBILIZATION.
- THE CONTRACTOR SHALL MAINTAIN SURFACE DRAINAGE OF THE ROAD DURING CONSTRUCTION.
- 9. THE CONTRACTOR SHALL NOTIFY JULIE AND NON-JULIE UTILITY COMPANIES FOR FIELD LOCATIONS OF THEIR FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ALL UTILITY LOCATIONS SHOWN MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
- 10. CARE MUST BE TAKEN FOR ANY EARTH EXCAVATION NEAR EXISTING TREES SO THAT DAMAGE TO THE TREE ROOTS DOES NOT OCCUR.
- 11. ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT TERM CLOSURES.
- 12. IF THE CONTRACTOR CAUSES DEBRIS TO ENTER THE EXISTING SEWERS, THAT ENTIRE SECTION OF SEWER BETWEEN MANHOLES MUST IMMEDIATELY BE THOROUGHLY CLEANED AND RODDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL SEWER AND WATER STRUCTURES SO CONTAMINATED MUST AT ONCE BE THOROUGHLY CLEANED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
- 13. ALL SAWCUTTING SHALL BE INCLUDED IN THE REMOVAL ITEMS AND SHALL BE PERFORMED PRIOR TO BEGINNING OF WORK, REMOVAL OF ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.
- 14. DETECTABLE WARNINGS FOR THE HANDICAPPED SHALL BE INSTALLED AT ALL INTERSECTING STREETS. SIGNALIZED COMMERCIAL DRIVEWAYS. AND SIGNALIZED ALLEYS AS DIRECTED BY THE ENGINEER. CONTRACTOR SHALL VERIFY THAT ALL SLOPES MEET ADA REQUIREMENTS PRIOR TO INSTALLING SIDEWALK DETECTABLE WARNINGS AND ADJACENT CURB AND GUTTER.
- 15. THE ELEVATIONS INDICATED ON THE PLANS ARE FINISHED GRADES UNLESS OTHERWISE INDICATED.
- 16. PROPOSED CONCRETE CURB AND GUTTER SHALL BE TRANSITIONED TO EXISTING CURB AND GUTTER OVER A LENGTH OF 6 FEET. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12.
- 17. THE CONTRACTOR SHALL CONTACT THE IDOT ATERIAL DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK FOR LOCATIONS OF UNDERGROUND TRAFFIC SIGNAL LINES, LIGHTING CABLE. OR INTERCONNECT CABLE CALL (847) 221-3078 TO LOCATE UNDERGROUND LIGHTING CABLE.
- 18. THE CONTRACTOR SHALL ADVISE THE POLICE AND FIRE DEPARTMENTS DAILY AS TO WHAT STREETS. IF ANY. ARE TO BE CLOSED OR PARTIALLY BLOCKED SO THAT THEY CAN EFFICIENTLY ROUTE THEIR EMERGENCY VEHICLES.
- 19. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF. IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED. THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- 20. THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR STORM SEWERS.
- 21. THE UNIT PRICE FOR COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 SHALL CONSIST ALL NECESSARY PAVEMENT SAW CUT, ADJACENT TO CURB PAVEMENT REMOVAL AND REPLACEMENT, EXCAVATION AND BACKFILL BEHIND THE CURB.
- 22. SPECIAL ATTENTION IS CALLED TO THE SPECIAL PROVISION FOR INSPECTION AS WELL AS ARTICLE 107.30 OF THE STANDARD SPECIFICATIONS. ANY DEFACED WORK SHALL BE CORRECTED OR REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE PRIOR TO FINAL PAYMENT. THE EAST MAINE SCHOOL DISTRICT 63 SHALL COOPERATE WITH THE CONTRACTOR TO MINIMIZE VANDALISM, BUT THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE TO CORRECT ANY DAMAGE. THE OWNER, MUNICIPALITY, DEPARTMENT WILL NOT BE RESPONSIBLE FOR THE SECURITY OF THE WORK SITE IN THIS REGARD. OTHER THAN NORMAL PATROLLING AND RESPONSE TO EMERGENCIES. THE COST OF ADDITIONAL SECURITY REQUIRED TO MEET THIS PROVISION SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY.

TELEPHONE NUMBER
847-391-5300
847-391-5400
847-391-5333

THE CONTRACTOR SHALL BE SOLELY
RESPONSIBLE FOR JOB SITE SAFETY AS
WELL AS SUPERVISION/DIRECTION AND
MEANS/METHODS OF CONSTRUCTION.

FILE NAME =	USER NAME = JBUTCHER	DESIGNED -	REVISED -
6421.88GN.dgn		DRAWN -	REVISED -
	PLOT SCALE = 0.9973 1/ in-	CHECKED -	REVISED ~
l .	PLOT DATE = 5/28/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

						F.A.U. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
		GEN	IERAL NOT	IES		1300	12-11100-90-SW	COOK	16	2
								CONTRAC	T NO.	63828
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

			LOCATION OF WORK	1	TOTAL	HARRISON ST. 100% FED ROADWAY URBAN	@ DEE RU 100% FEI ROADWA URBAN
-			CONSTRUCTION TYPE CODE			0004	
SP	SI	PAYITEM	CONSTRUCTION TYPE CODE PAY ITEM DESCRIPTION	UNIT		0021	0021
		20101100	TREE TRUNK PROTECTION	EACH	9	6	3
-		20101200	TREE ROOT PRUNING	EACH	7	6	1
-		20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	6	6	- 82 - 72
1			EARTH EXCAVATION	CUYD	100	95	5
-			TRENCH BACKFILL		4	4	
1			TOPSOIL EXCAVATION AND PLACEMENT	CUYD			
				CUYD	604	602	2
			SEEDING, CLASS 2A	ACRE	0.29	0.29	
1		25000400	NITROGEN FERTILIZER NUTRIENT	POUND	25	25	
+		25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	25	25	
-		25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	25	25	
-		25100630	EROSION CONTROL BLANKET	SQYD	1393	1367	26
1		28000305	TEMPORARY DITCH CHECKS	FOOT	48	48	
1		28000400	PERIMETER EROSION BARRIER	FOOT	1327	1327	
1		28000500	INLET AND PIPE PROTECTION	EACH	12	10	2
1		35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQYD	771	749	22
		40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	12	12	
1		42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQYD	103	103	
1		42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQFT	6009	5815	194
+		42400800	DETECTABLE WARNINGS	SQ FT	64	40	24
+		44000100	PAVEMENT REMOVAL	SQYD	103	103	
+		44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	27		27
-		44000600	SIDEWALK REMOVAL	SQ FT	175		175
			AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	23	23	1/3
1			PIPE CULVERTS, CLASS D, TYPE 1 12"				
1			STORM SEWER REMOVAL 12"	FOOT	225	225	
1				FOOT	90	90	
#			COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	27		27
1			MOBILIZATION	LSUM	1	1	
#			THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	208	104	104
1	*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	300		300
1		78300100	PAVEMENT MARKING REMOVAL	SQFT	86		86
-	•	X0326696	SIGN AND POST	EACH	3	3	
-	•	X0326852	RADAR SPEED SIGN	EACH	2	2	
1	1	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	1	
1		Z0003855	BICYCLE RACKS	EACH	3	3	
1		Z0013798	CONSTRUCTION LAYOUT	LSUM	1	1	
+	\dashv	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	3	3	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SHEET OF SHEETS STA.

SCALE:

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DESIGNED -

DRAWN -

CHECKED -

DATE

USER NAME = JBUTCHER

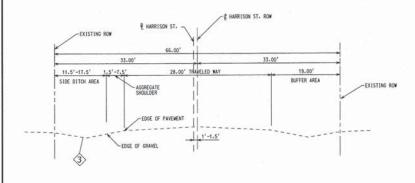
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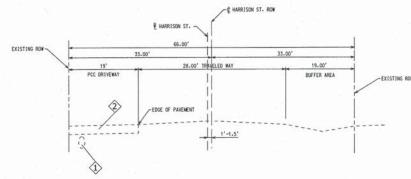
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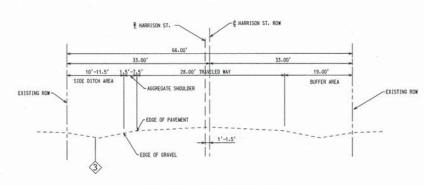


EXISTING TYPICAL SECTION HARRISON ST.



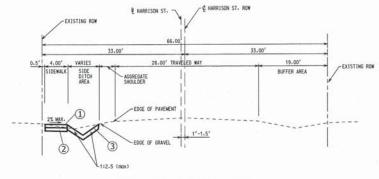
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STA. 10+95 TO STA. 11+14 STA. 11+89 TO STA. 12+29



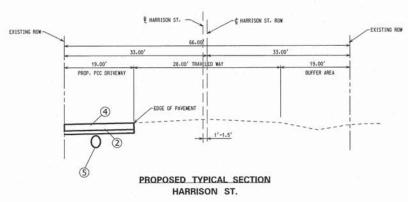
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STA. 19+86 TO STA. 24+27.2

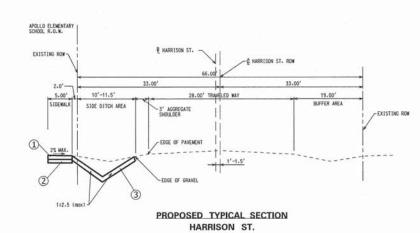


PROPOSED TYPICAL SECTION

HARRISON ST.



STA. 10+95 TO STA. 11+14 STA. 11+89 TO STA. 12+29



STA. 19+86 TO STA. 24+27.2

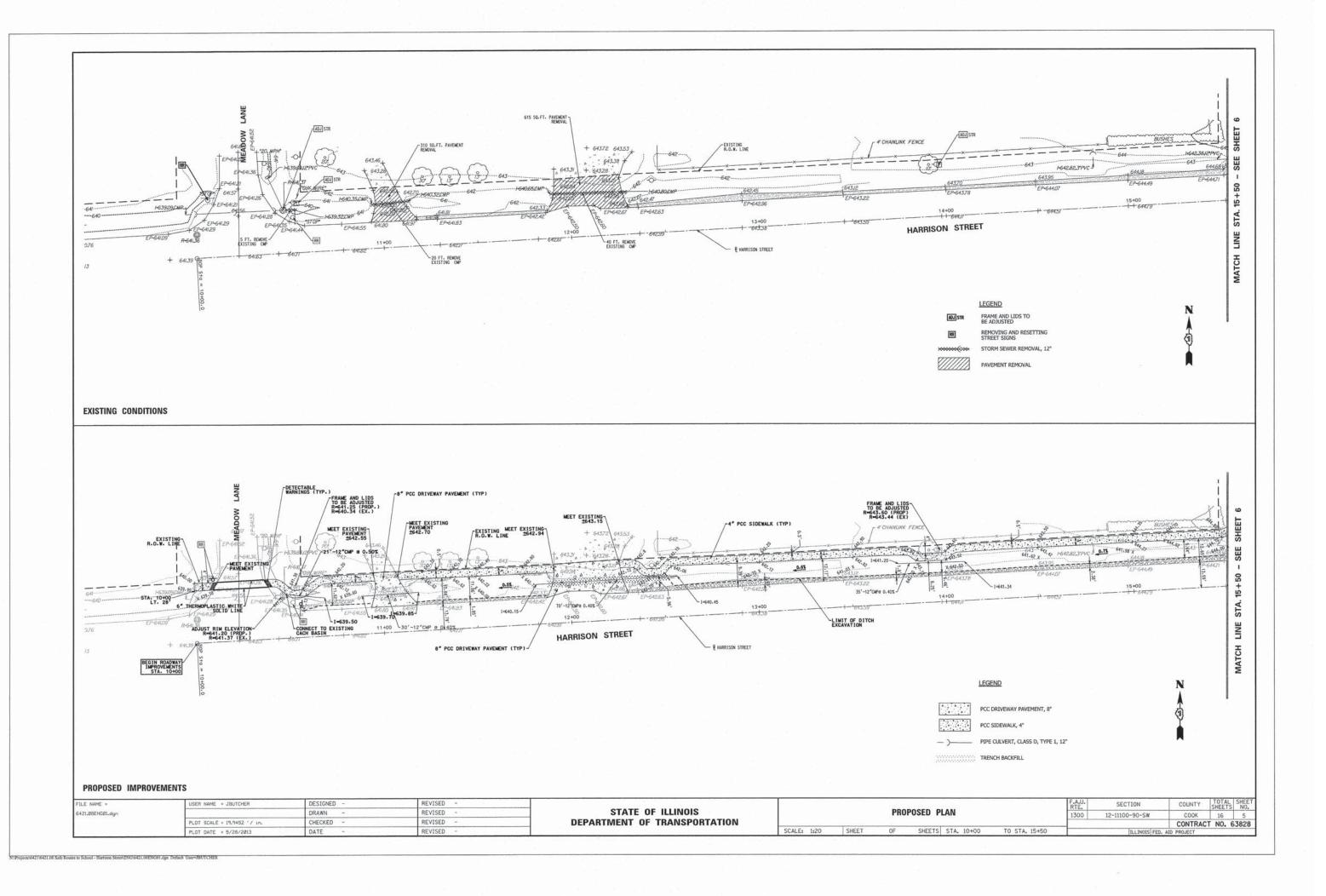
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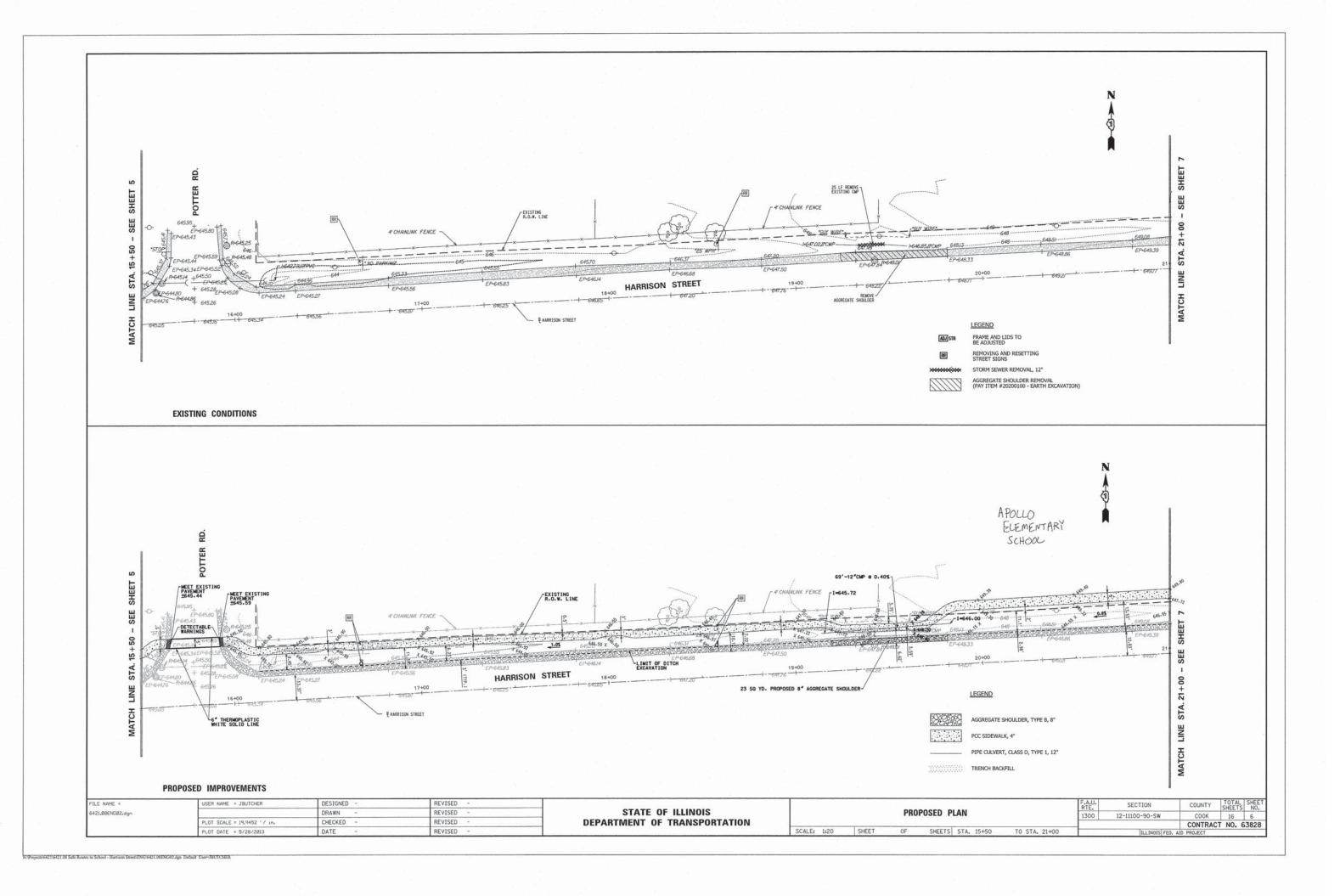
- PCC SIDEWALK, 4"
- 2 AGGREGATE BASE COURSE, TYPE B, 4*
- 3 TOPSOIL PLACEMENT, 6"
- PCC PAVEMENT DRIVEWAY, 8"
- 5 PIPE CULVERT, CLASS D, TYPE 1, 12"

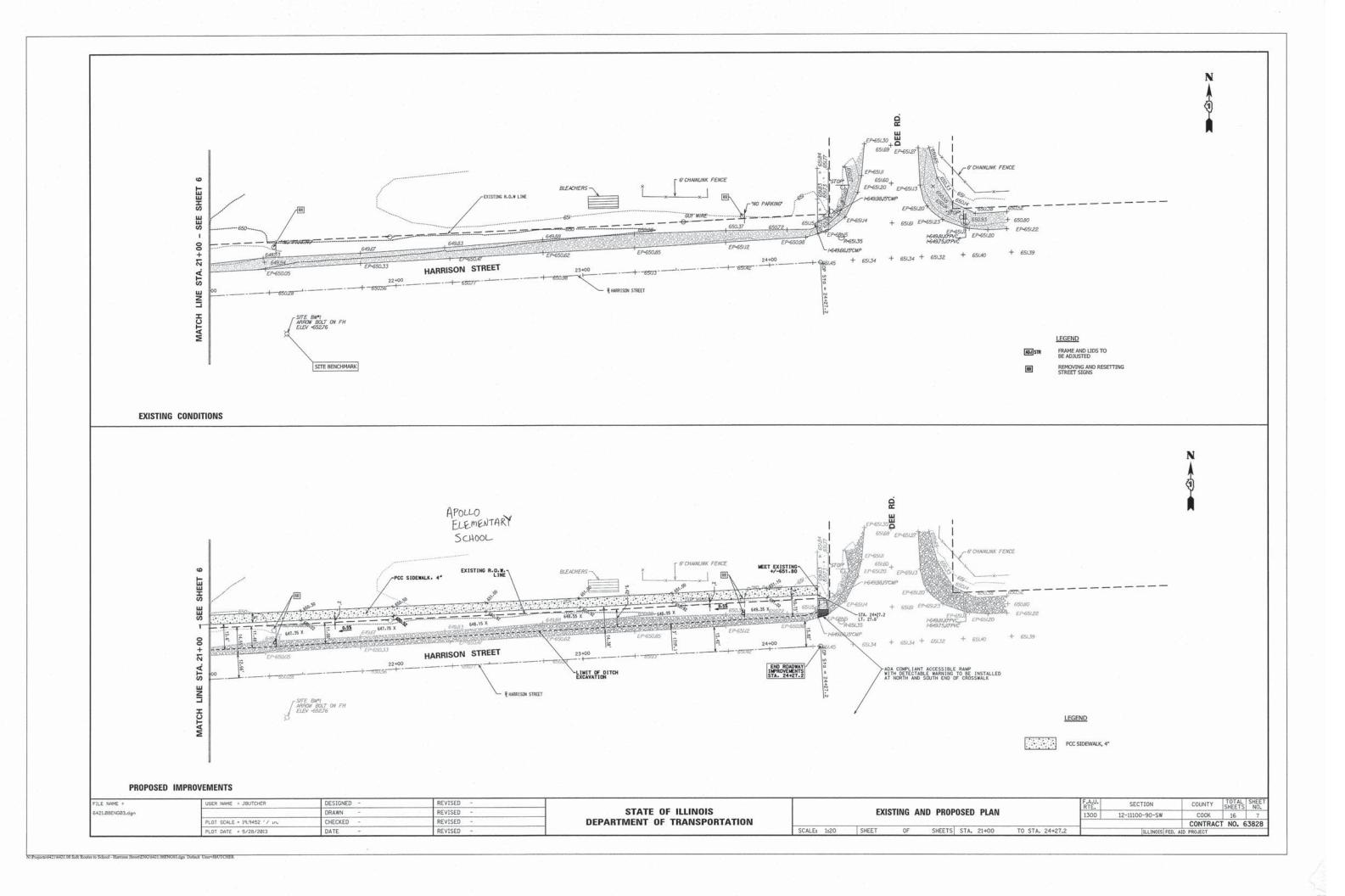
REMOVAL ITEMS

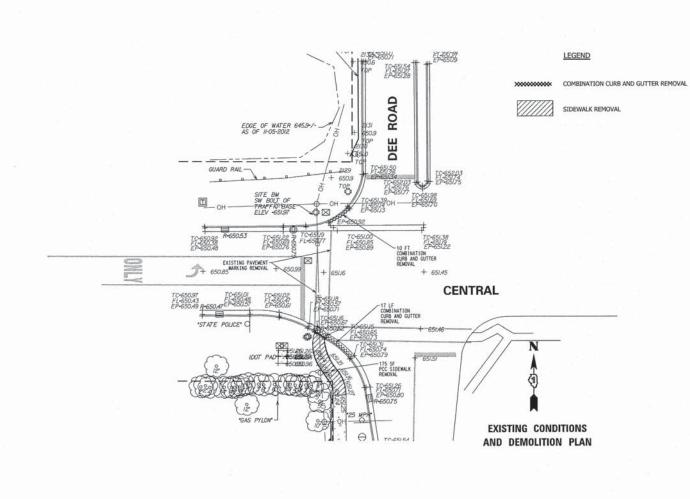
- STORM SEWER REMOVAL
- PAVEMENT REMOVAL
- EARTH/TOPSOIL EXCAVATION

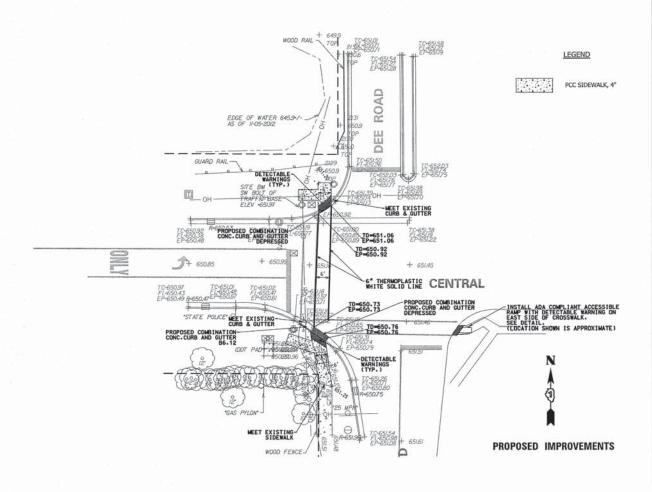
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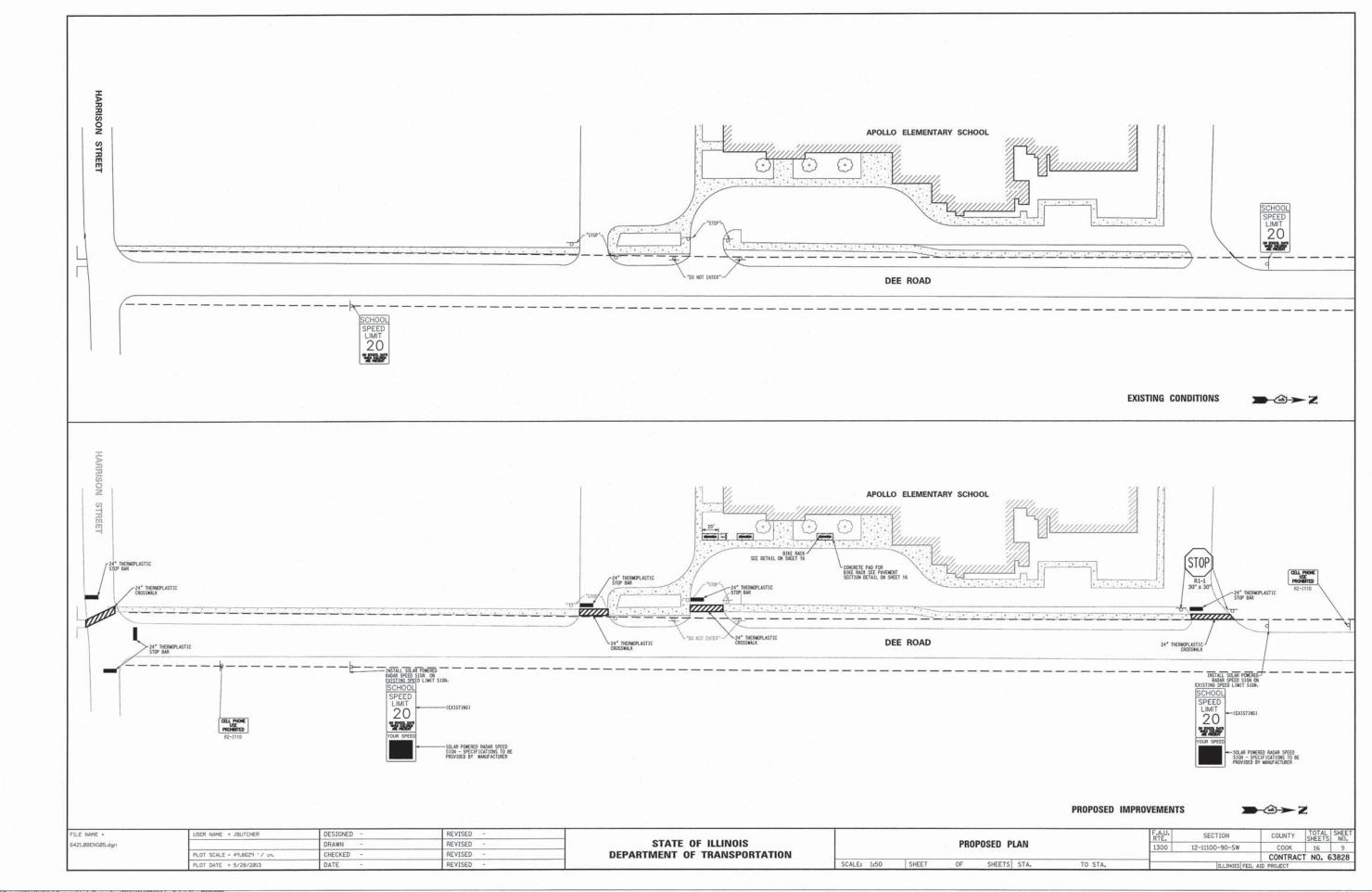


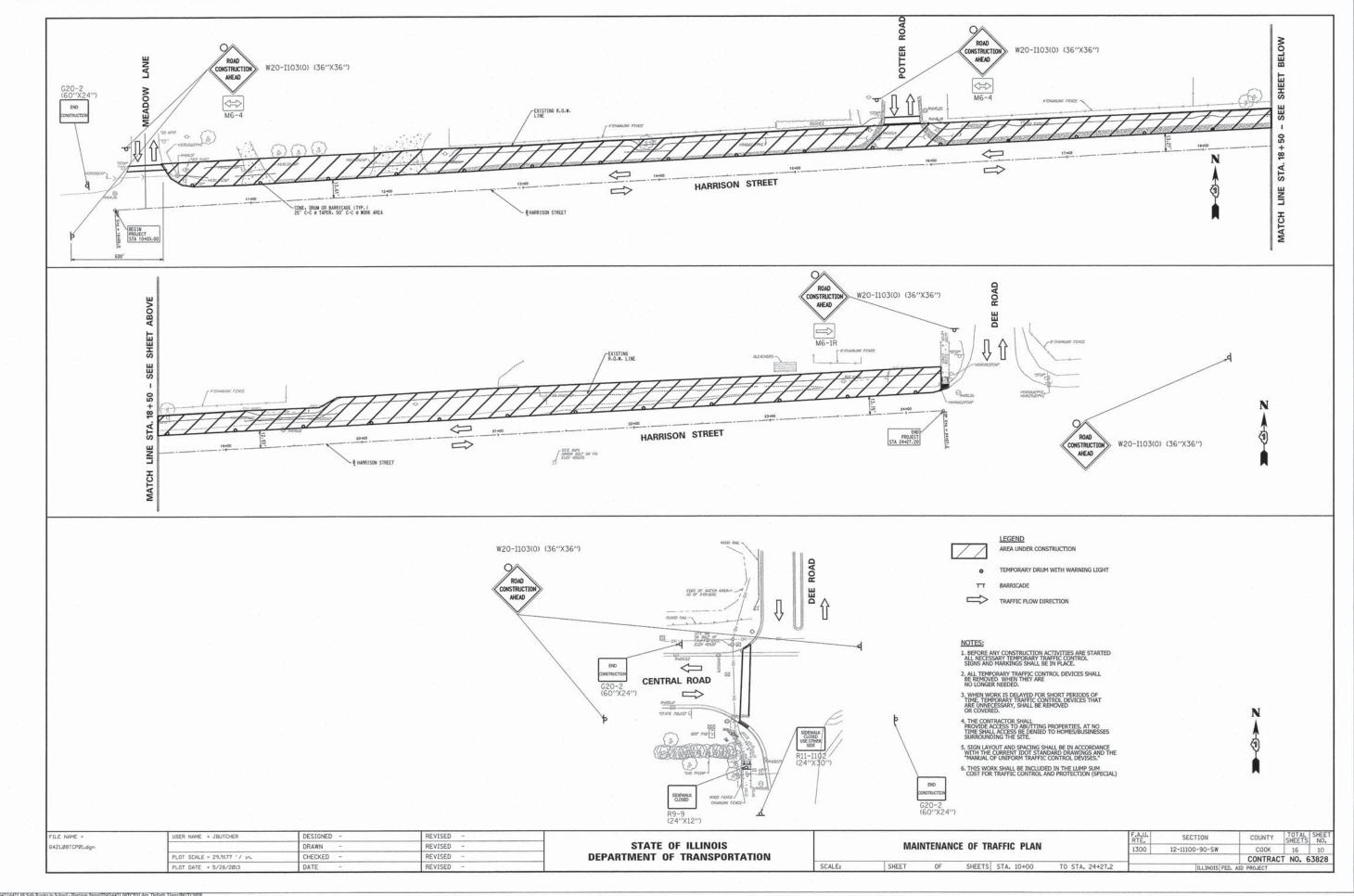
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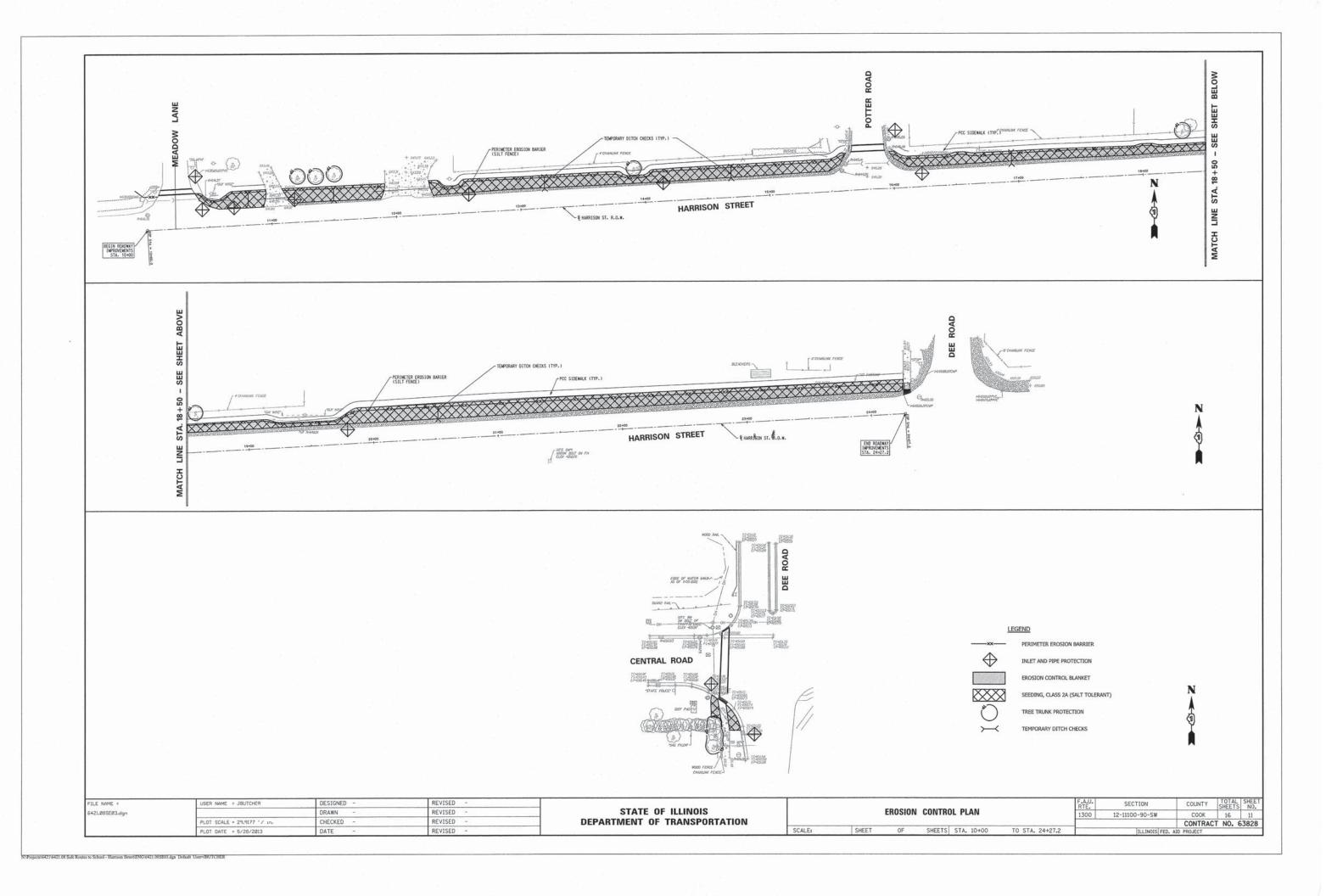
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

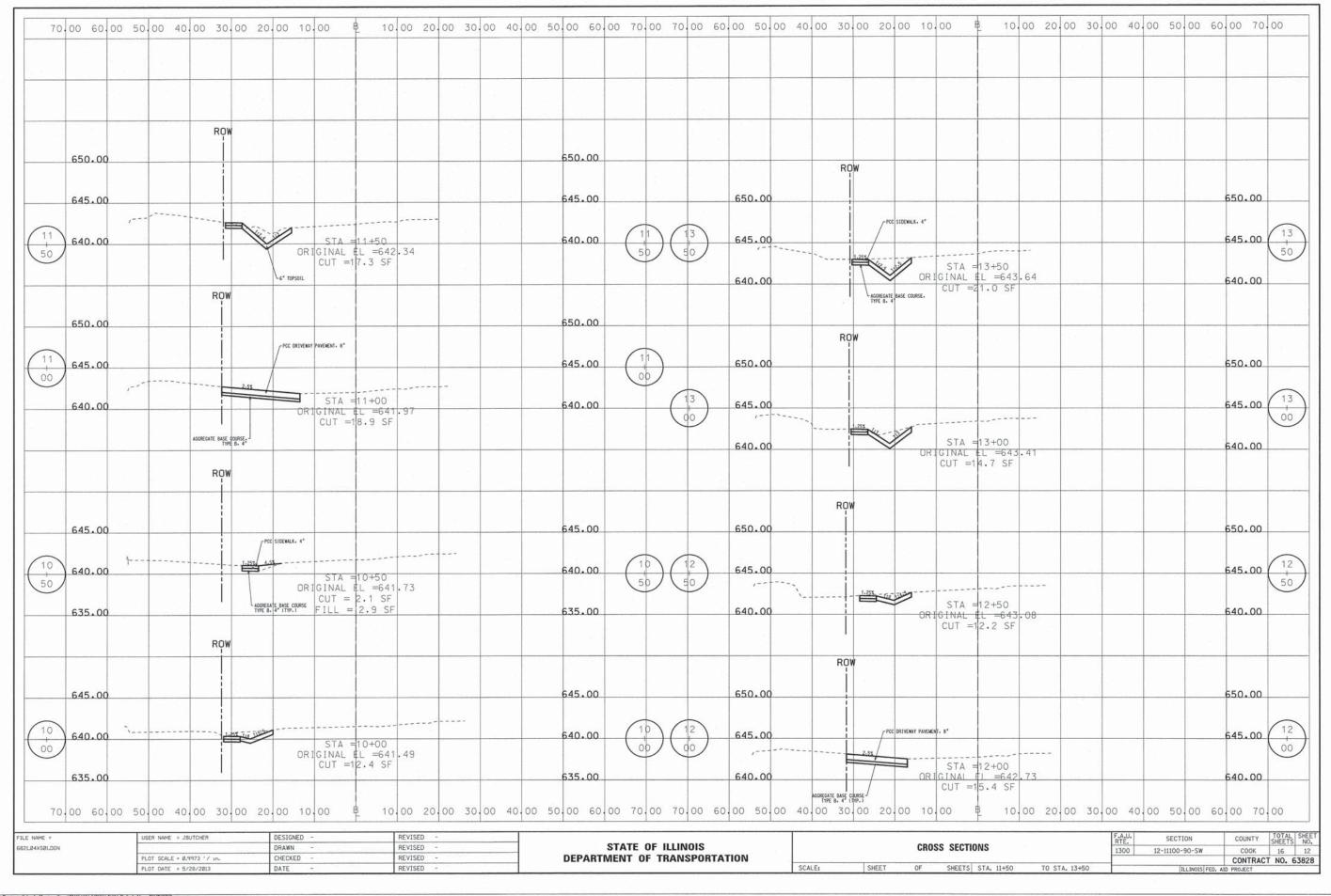
						F.A.U. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
	PROPOSED PLAN					1300	12-11100-90-SW	соок	16	8
								CONTRACT	NO.	63828
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED.	AID PROJECT		

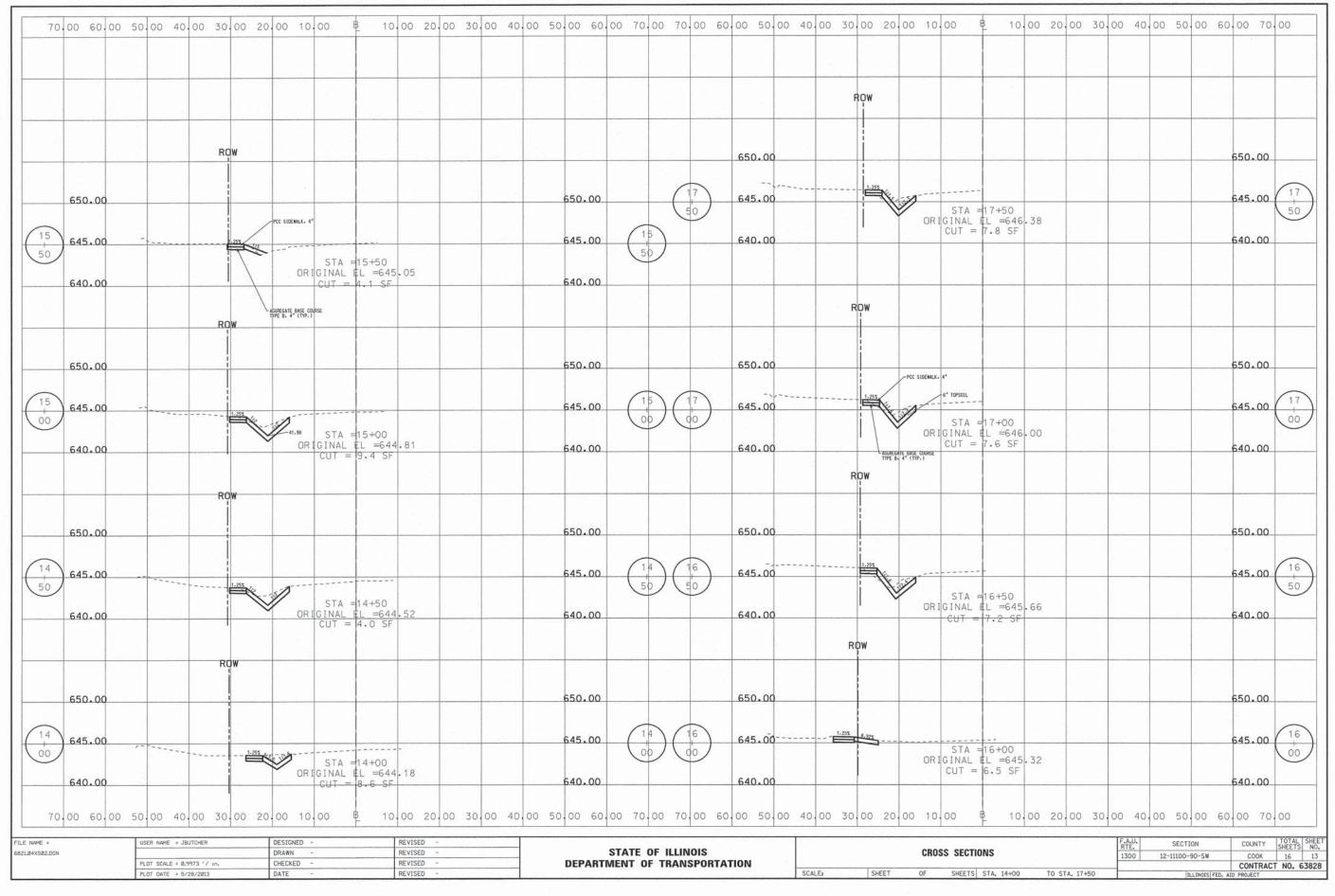
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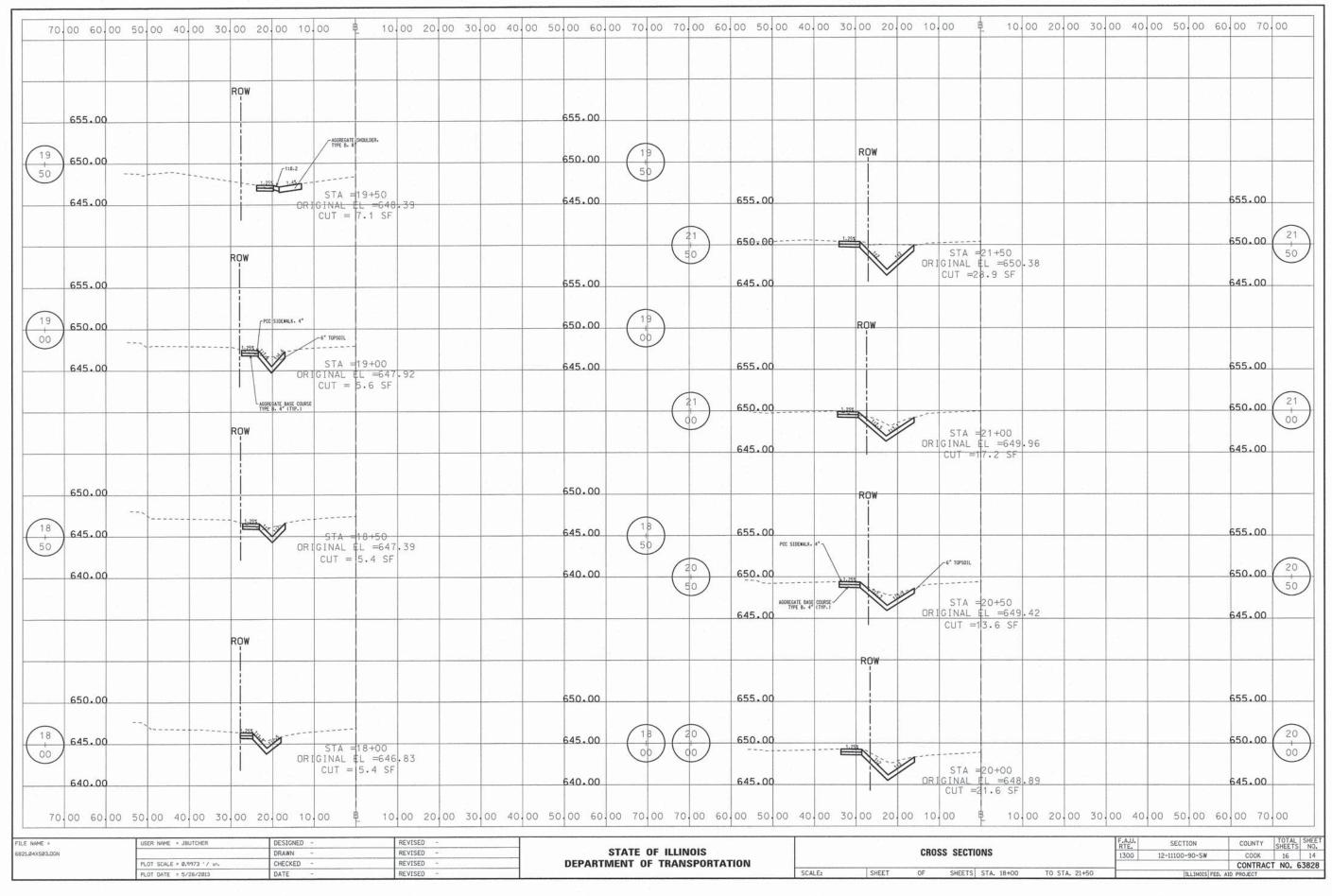


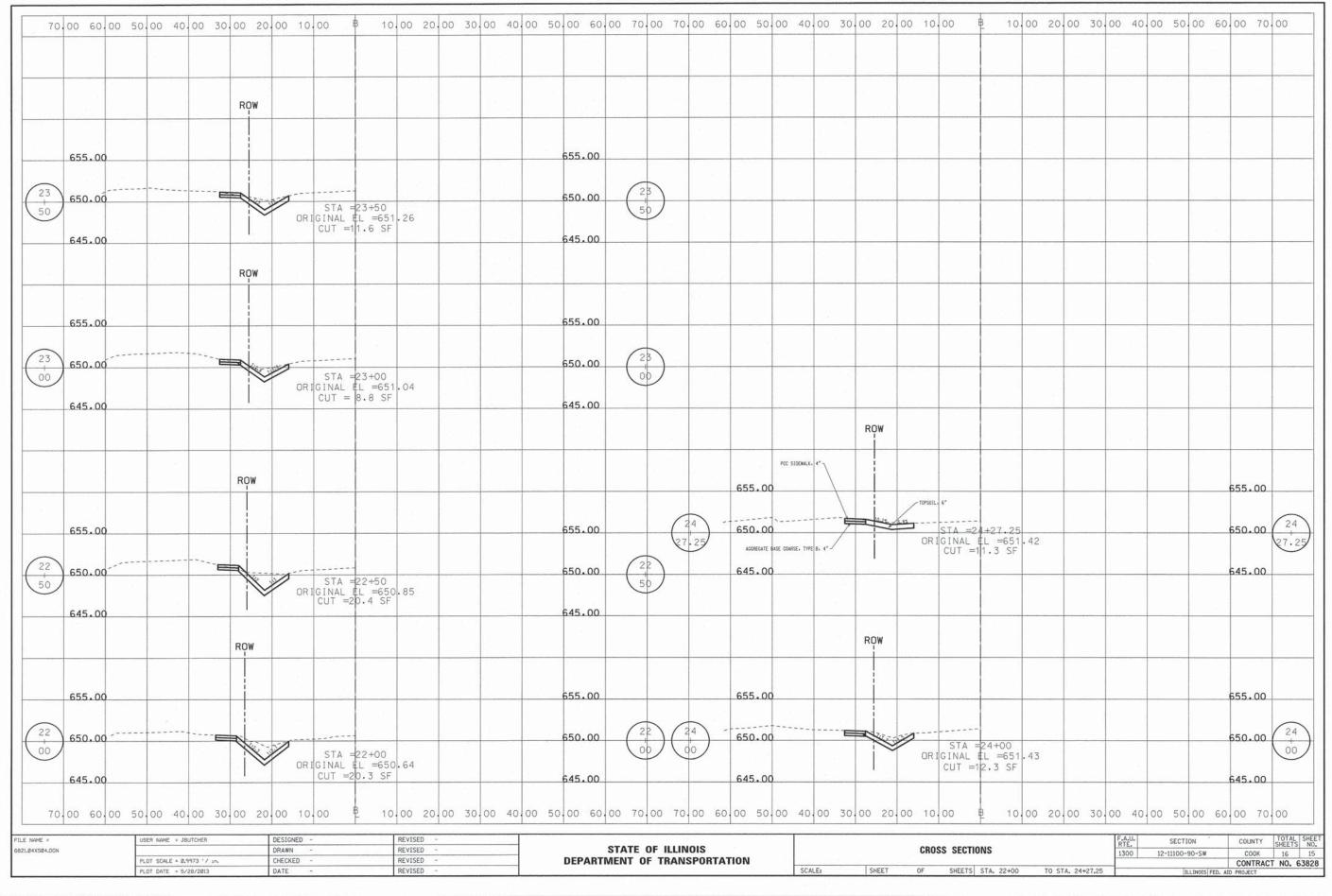


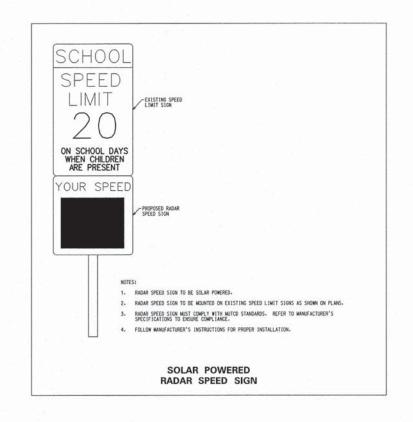


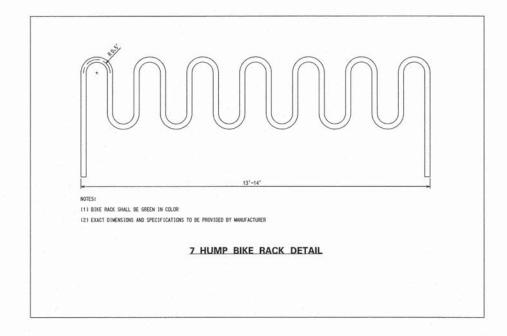


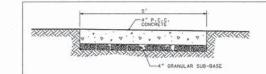












SIDEWALK DETAIL

1. CONCRETE SHALL BE IDOT CLASS SI.

2. MINIMUM SIDEWALK THICKNESS SHALL BE 4".

3. MAXIMUM TRANSVERSE SLOPE SHALL BE 1/4 "/ft. (2%) TYPICAL.

4. CONTRACTION JOINTS SHALL BE CONSTRUCTED AT A SPACING OF 5'.
3/4 " EXPANSION JOINT SHALL BE CONSTRUCTED AT A MAXIMUM SPACING OF 50'.

5. AGGREGATE SUB-BASE COURSE SHALL BE MECHANICALLY COMPACTED.

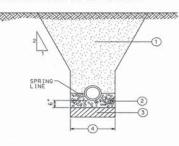
6. ALL SIDEWALKS SHALL BE PROMPTLY BACKFILLED AND PROTECTED FROM DAMAGE.

- 3 UNSUITABLE MATERIAL TO BE REMOVED AND REPLACED (WHERE DIRECTED) WITH GRANULAR MATERIAL AND PAID FOR SEPARATELY.
- 4 PIPE DIAMETER 8" AND LESS ----TRENCH WIDTH = 18" PIPE DIAMETER 8" AND LARGER---TRENCH WIDTH = (1.5 x PIPE DIA.) + 8"

NOTES:

1. THE COST OF ALL GRANULAR BEDDING (ITEM 2) TO BE MERGED WITH THE PIPE.

2. THE COST OF ALL GRANULAR TRENCH BACKFILL (ITEM 1) TO BE PAID PER LINEAR FOOT OTHERWISE NOTED IN SPECIAL PROVISIONS.



STORM SEWER

TYPICAL TRENCH CROSS-SECTIONS NOT TO SCALE

FILE NAME =	USER NAME = JBUTCHER	DESIGNED -	REVISED -	
6421.08DET01.dgn		DRAWN -	REVISED -	
	PLOT SCALE = 0.9973 ' / in.	CHECKED -	REVISED -	
	PLOT DATE = 5/28/2013	DATE -	REVISED -	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

						RTE.	SECTION	COUNTY	TOTAL	S NO.
			DETAILS			1300	12-11100-90-SW	COOK	16	16
								CONTRACT	NO.	
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

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