

SUBSURFACE UTILITY ENGINEERING (S.U.E.) UTILIZED ON THIS PROJECT.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

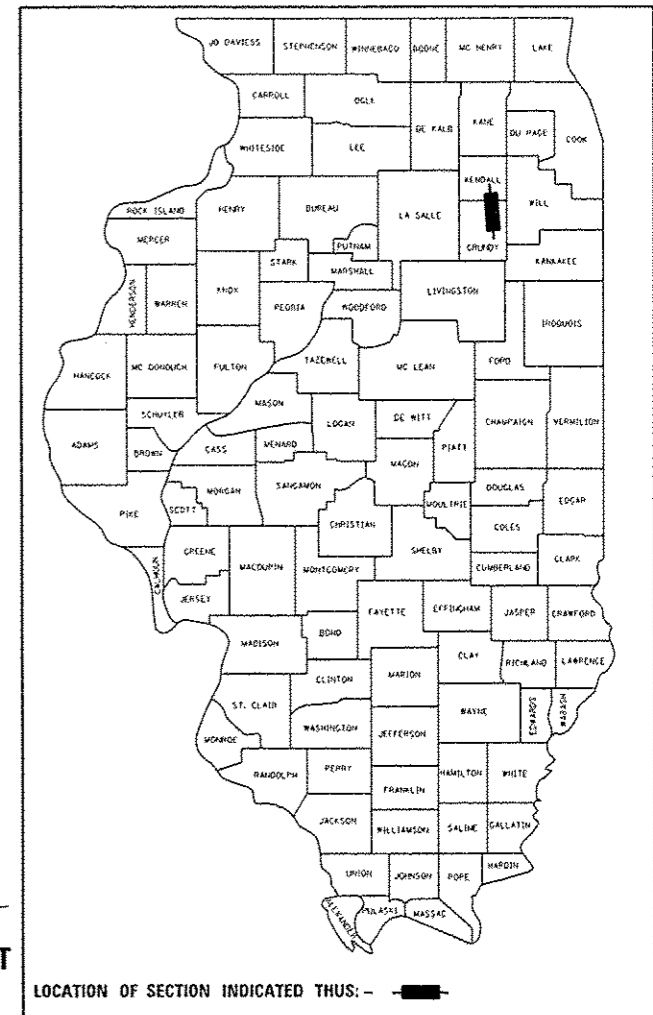
FAP ROUTE 326 (IL RTE 47)
SECTION (110)R, BR & BR-1
PROJECT: ACNCII-0326(088)
ROADWAY CONSTRUCTION / RECONSTRUCTION
INCLUDING STRUCTURES & BRIDGES
GRUNDY & KENDALL COUNTIES

C-93-049-12

RECONSTRUCT EXISTING TWO LANE PAVEMENT TO PROVIDE TWO LANES IN EACH DIRECTION WITH A RAISED MEDIAN. WORK INCLUDES EARTHWORK, BRIDGE REPLACEMENT, STORM SEWER, PCC PAVEMENT, HMA PAVEMENT, TRAFFIC SIGNALS, LIGHTING, PAVEMENT MARKING AND WATER MAIN RELOCATION.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY & KENDALL ILLINOIS	*644	1
			CONTRACT NO. 66B83	

*644-1 = 643
P-93-029-12
D-93-026-12



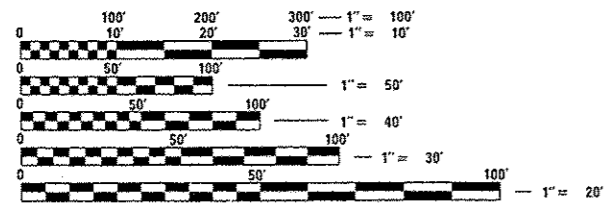
LOCATION OF SECTION INDICATED THUS: -

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* 307 - DELETED

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2.



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

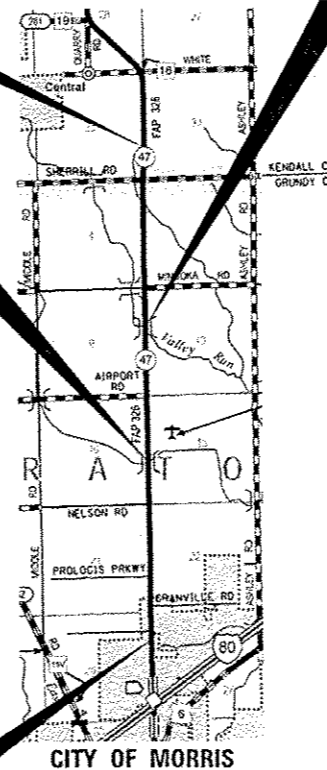
PROJECT ENGINEER: CRAIG REED, P.E.
UNIT CHIEF: MARK JONES, P.E.

CONTRACT NO. 66B83

END IMPROVEMENT
STA 6265 + 00.00

PROPOSED STRUCTURE SN 032-0122
SINGLE SPAN 63" BULB T-BEAMS W/CONCRETE DECK ON CONCRETE SPILL-THRU PILE BENT ABUTMENTS 103'-1 3/4" BK TO BK, & 111'-2" O TO O DECK. 30° SKEW
STA 6118 + 40.00 (EXISTING SN 032-0089)

PROPOSED STRUCTURE SN 032-0123
SINGLE SPAN 54" I-BEAMS W/CONCRETE DECK ON CONCRETE SPILL-THRU PILE BENT ABUTMENTS 95'-6 3/4" BK TO BK, & 111'-2" O TO O DECK. 35° SKEW
STA 6185 + 94.00 (EXISTING SN 032-0088)



BEGIN IMPROVEMENT
STA 6029 + 00.00

GROSS LENGTH = 23,600.00 FT. = 4.470 MILE
NET LENGTH = 23,600.00 FT. = 4.470 MILE

LOCATION MAP
NOT TO SCALE

Hutchinson Engineering, Inc.
Jacksonville - Peoria - Shorewood
Since 1945
2013 JOB #3195

08/06/13 DATE
DANIEL J. DRISCOLL REGISTERED PROFESSIONAL ENGINEER STATE OF ILLINOIS
ENGINEER'S SEAL

FUNCTIONAL CLASSIFICATION
OTHER PRINCIPAL ARTERIAL
2011 ADT = 6900
P.V. = 75.7% S.U. = 12.7% M.U. = 11.6%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED Aug. 15TH 2013
Paul C. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
October 4 2013
John D. Bonamelli, P.E. & [Signature]
acting ENGINEER OF DESIGN AND ENVIRONMENT
October 4 2013
Omer Osman, P.E. [Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

GENERAL NOTES

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

GRANULAR MATERIALS	2.05	TONS/CU YD
HMA RESURFACING	112	LBS/SQ YD/INCH
SHORT TERM PAVEMENT MARKING	10	FT/100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLOWYS	0.0003	TONS/SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS/SQ YD
SUPPLEMENTAL WATERING	3	GAL/SQ YD/APPLICATION
CALCIUM CHLORIDE	2	LB/SQ YD/APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
406201-01	MAILBOX TURNOUT
420001-07	PAVEMENT JOINTS
420101-04	24' (7.2m) JOINTED PCC PAVEMENT
420106-04	36' (10.8m) JOINTED PCC PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
420401-09	BRIDGE APPROACH PAVEMENT CONNECTOR
420701-02	PAVEMENT FABRIC
424001-07	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
483001-04	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
542001-03	CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIA.
542006	MULTIPLE CONCRETE END SECTIONS FOR PIPE CULVERTS 15" THRU 84" DIA.
542016	MULTIPLE CONCRETE END SECTIONS FOR ELLIPTICAL PIPE CULVERTS 15" THRU 72" EQUIVALENT DIAMETER
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
542311-04	TRAVERSABLE PIPE GRATE
542401-01	METAL END SECTION FOR PIPE CULVERTS
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602301-03	INLET - TYPE A
602306-03	INLET - TYPE B
602401-03	MANHOLE TYPE A
602416-03	MANHOLE TYPE A 8' DIAMETER
602501-02	VALVE VAULT TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS TYPE 1
604006-04	FRAME AND GRATE TYPE 3
604016-02	FRAME AND GRATE TYPE 4
604036-02	GRATE TYPE 8
604071-04	FRAME AND GRATE TYPE 11
606001-05	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
630001-10	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-11	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
665001-02	WOVEN WIRE FENCE
666001-01	RIGHT OF WAY MARKERS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-04	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-03	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS > 45 MPH
701602-06	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL TURN LANE
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
728001-01	TELESCOPING STEEL SIGN SUPPORT
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001	PRISMATIC CURB REFLECTORS
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES
825016-02	LIGHTING CONTROLLER PEDESTAL MOUNTED, 480V
830001-01	LIGHT POLE ALUMINUM MAST ARM
830026	TEMPORARY ROADWAY LIGHTING
836001-02	LIGHT POLE FOUNDATION
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-02	PEDESTRIAN PUSH BUTTON POST
877011-05	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877012-02	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
878001-09	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
BLR 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

THE HMA SURFACE OF ALL MAILBOX TURNOUTS, PRIVATE ENTRANCES, COMMERCIAL ENTRANCES, AND SIDE ROADS SHALL BE MADE NEATLY, IN A WORKMANLIKE MANNER, AND SHALL ACCURATELY CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. IF REQUIRED BY THE ENGINEER, THE CONTRACTOR SHALL BE REQUIRED TO SAW CUT THE HMA SURFACE TO CONFORM TO THE SHAPES AND DIMENSIONS SHOWN ON THE PLAN DETAILS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE HMA SURFACE.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

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

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

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

SEEDING SHALL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

FOR NEW CONSTRUCTION, PLACE CURB RAMPS FOR SIDEWALKS AT ALL LOCATIONS WHERE PROPOSED SIDEWALK ABUTS CURB AT STREET ENTRANCES.

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

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

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.

ALL EXISTING GRANULAR MATERIAL AND HOT-MIX ASPHALT MATERIALS TO BE REMOVED AND NOT PAID AS A SPECIFIC ITEM SHALL BE CONSIDERED EARTH EXCAVATION AND WILL BE PAID FOR AT THE UNIT PRICE FOR EARTH EXCAVATION.

THE REMOVAL AND DISPOSAL OF ALL FENCING, DELINEATORS, DEBRIS, BRUSH, RIPRAP, STONE CONCRETE SLABS, TILE, ETC. NOT PAID SPECIFICALLY ON THE PLANS WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

THE STATION, OFFSET AND ELEVATION SHOWN FOR CATCH BASINS, INLETS, AND MANHOLES NOT CONSTRUCTED IN CONJUNCTION WITH THE CURB AND GUTTER IS AT THE CENTER OF THE FRAME AND GRATE.

THE STATION, OFFSET AND ELEVATION SHOWN FOR CATCH BASINS, INLETS, AND MANHOLES CONSTRUCTED IN CONJUNCTION WITH THE CURB AND GUTTER IS AT THE FLOW LINE.

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

MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

1. COMED, AN EXELON COMPANY
2. NICOR GAS
3. AT&T
4. COMCAST CABLE
5. ONEOK PIPELINE
6. ENTERPRISE PRODUCTS PIPELINE (MID-AMERICAN PIPELINE)
7. ALLIANCE PIPELINE
8. KINDER MORGAN ENERGY PARTNERS
9. CITY OF MORRIS
10. NORTHERN BORDER PIPELINE

NON-MEMBERS OF J.U.L.I.E. KNOWN TO BE WITHIN THE LIMITS ARE:

1. ILLINOIS DEPARTMENT OF TRANSPORTATION

THE CONTRACTOR SHALL CONTACT J.U.L.I.E. AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

LEGEND

	EORS	EQUIVALENT ROUND-SIZE
		PROPOSED DITCH FLOW
		EXISTING WETLAND AREAS
		S.U.E. TEST HOLE LOCATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

REVIEWED BY: *Tom Beaudin*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 8-15-13

EXAMINED BY: *Herbert K. Long*
DISTRICT CONSTRUCTION ENGINEER

Paul A. Huelsh
DISTRICT OPERATIONS ENGINEER
Wayne J. Phillips
DISTRICT MATERIALS ENGINEER

FILE NAME =	USER NAME = bdsorearw	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. RTE. 47 HIGHWAY STANDARDS, GENERAL NOTES & LEGEND	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
V:\3195\66883 (South Section)\CADD Sheets	AD366883-shr-gannote1.dgn	DRAWN - SRH/RMD	REVISED -			326	(1)0R, BR & BR-1	GRUNDY	644	2	
	PLOT SCALE = 2.0000' / in.	CHECKED - DJD	REVISED -			CONTRACT NO. 66883					
	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -			SCALE: N/A	SHEET NO. 1 OF 2 SHEETS	STA. N/A	TO STA. N/A	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

COMMITMENTS

- A. CONSTRUCTION MEASURES WILL BE IMPLEMENTED TO MINIMIZE HARM TO WATER QUALITY, SENSITIVE RESOURCES, WETLANDS AND THREATENED & ENDANGERED SPECIES. GENERAL CONSTRUCTION MITIGATION MEASURES WILL INCLUDE EROSION CONTROL PROCEDURES IN CONFORMANCE WITH IDOT'S STANDARD SPECIFICATIONS. AN EROSION CONTROL PLAN WILL BE PREPARED TO IDENTIFY EROSION CONTROL MEASURES TO BE IMPLEMENTED.
- B. THE FOLLOWING PERMITS WILL BE REQUIRED: SECTION 404 NATIONWIDE PERMIT (NWP) 14 FOR STREAM AND WETLAND IMPACTS, SECTION 401 WATER QUALITY CERTIFICATION FOR NWP 14 WITH REGIONAL AND GENERAL CONDITIONS AND A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS (NPDES) PERMIT.
- C. THE ARCHIVED CERCLIS SITE (*2561-59), A VACANT LOT (FORMER CROP-MATE PARCEL), IN THE VICINITY OF STA 6126+00 RT WILL BE AVOIDED.
- D. FOR SIDE ROAD TRAFFIC CONTROL, NO TWO ADJACENT SIDE ROADS WILL BE CLOSED SIMULTANEOUSLY. PUBLIC SERVICE PROVIDERS AND THE PUBLIC WILL BE NOTIFIED PRIOR TO TEMPORARY SIDE ROAD CLOSURES.
- E. TEMPORARY AND PERMANENT HEIGHT RESTRICTIONS WILL BE COORDINATED WITH THE MORRIS MUNICIPAL AIRPORT, IDOT DIVISION OF AERONAUTICS AND THE FAA AS REQUIRED. PRIOR COORDINATION WITH THE MORRIS MUNICIPAL AIRPORT IS REQUIRED PRIOR TO ANY WORK ON AIRPORT PROPERTY, INCLUDING TEMPORARY AND PERMANENT EASEMENT AREAS.
- F. GRACE LUTHERAN CHURCH: A 10 FEET MINIMUM OFFSET WILL BE PROVIDED FROM THE BACK OF PROPOSED CURB AND GUTTER TO THE FRONT OF GRACE LUTHERAN CHURCH.
- G. ONE YEAR IN ADVANCE OF CONSTRUCTION IN THE AREA OF VALLEY RUN CREEK, THE STREAM WILL BE RE-SURVEYED FOR THE PRESENCE OF THE STATE THREATENED SLIPPERSHELL MUSSEL. THE SURVEY WILL CONFIRM THE PRESENCE OF THE SLIPPERSHELL MUSSEL OR OTHER PROTECTED SPECIES. IN ADDITION TO THE SURVEY AT VALLEY RUN, MUSSEL SURVEYS WILL BE CONDUCTED AT SARATOGA CREEK, LISBON CREEK, AND WEST AUX SABLE CREEK. IF THE MUSSEL IS PRESENT, THE DEPARTMENT WILL APPLY FOR AN INCIDENTAL TAKE PERMIT WITH A RECOMMENDATION TO RELOCATE THE MUSSELS TO ANOTHER SUITABLE SITE.
- H. A PRELIMINARY SITE INVESTIGATION (PSI) WILL BE CONDUCTED: 1.) PRIOR TO ACQUISITION OF ANY CONTAMINATED PARCEL AND/OR REQUIRED TEMPORARY OR PERMANENT EASEMENTS AND, 2.) IF THE PROPOSED IMPROVEMENTS REQUIRE EXCAVATION ON OR ADJACENT TO A PROPERTY IDENTIFIED WITH A RECOGNIZED ENVIRONMENTAL CONDITION OR REQUIRE EXCAVATION, INCLUDING SUBSURFACE UTILITY RELOCATION, ON A PROPERTY WITH AN EASEMENT.
- I. SARATOGA SCHOOL: ADDITIONAL TRAFFIC COUNTS WILL BE TAKEN AT THE SCHOOL DURING THE FALL OF 2012.
- J. SPEED STUDY: A SPEED STUDY WILL BE COMPLETED AFTER RECONSTRUCTION OF IL RTE 47 TO DETERMINE IF SPEED LIMITS SHOULD BE CHANGED.
- K. BAYLOR PROPERTY: THE PROPOSED FIELD ENTRANCE AT STA 6060+10 RT WILL BE RELOCATED TO ALIGN OPPOSITE THE PROLOGIS PARKWAY INTERSECTION.
- L. BJELLAND PROPERTY: A MEDIAN OPENING WILL BE ADDED FOR THE ENTRANCE AT STA 6216+57 RT.
- M. GRUNDY COUNTY FAIR ASSOCIATION: A PROPOSED MEDIAN OPENING AT STA 6072+63 WILL BE RELOCATED TO THE FAIRGROUNDS' MAIN ENTRANCE AT STA 6075+50 RT.
- N. THE ENTRANCE AT 6184+09.85 LT (PARCEL 3VC00026) SHALL BE 24' WIDE. ALSO, THE ENGINEER SHALL CONTACT THE OWNER TO DISCUSS THE DISPOSITION OF THE EXISTING AND PLANS FOR PROPOSED FIELD TILE ON HIS PROPERTY BEFORE CONSTRUCTION OPERATIONS BEGIN.
- O. STREAM WORK AT VALLEY RUN CREEK SHALL NOT BE PERFORMED BETWEEN MARCH 1ST THROUGH MAY 31ST DUE TO FISH SPAWNING PERIOD.
- P. THE BERM/RIPRAP AREA AT THE EAST END OF THE CROSSROAD CULVERT IN THE TEMPORARY EASEMENT AREA SHALL BE REESTABLISHED TO DIRECT WATER INTO THE DRAINAGE SWALE. IN ADDITION PRIOR TO WORK STARTING IN THE EASEMENT AREA, THE ENGINEER SHALL CONTACT THE OWNER (ALDEN THOMPSON 815-942-4279) AND TENANT (DENNIS THOMPSON 815-942-4279) TO HELP IDENTIFY THE LOCATION OF TWO 16" FIELD TILES REPORTED TO BE IN THE AREA. (PARCEL NUMBER 3VC0034 STA. 6247+69.37 TO 6248+47.47 RT.)
- Q. PROPOSED RECONSTRUCTION OF ILLINOIS 47 WILL NECESSITATE THE TEMPORARY CLOSURES AND RECONSTRUCTION OF THREE SARATOGA TOWNSHIP ROADS AND ONE GRUNDY COUNTY HIGHWAY. CONSEQUENTLY, IT IS REQUESTED THAT THE FOLLOWING PERSONS BE INVITED TO THE PRE-CONSTRUCTION MEETING:
 - MR. CRAIG CASSEM, P.E.
GRUNDY COUNTY ENGINEER
245 N. ILLINOIS 47
MORRIS, IL 60450
(815) 942-0363
 - MR. HOMER ELLIS
SARATOGA TOWNSHIP HIGHWAY COMMISSIONER
1730 AIRPORT ROAD
MORRIS, IL 60450
(815) 405-5169
- R. COORDINATION WITH SARATOGA SCHOOL WILL BE REQUIRED TO COORDINATE BUS ROUTINGS DURING CONSTRUCTION ACTIVITIES. TWO INITIAL CONTACT PERSONS FOR SARATOGA SCHOOL ARE AS FOLLOWS:
 - MS. KATHY PERRY
SUPERINTENDENT, SARATOGA SCHOOL
4040 N DIVISION STREET
MORRIS, IL 60450
(815) 942-2128
 - MR. JOE ZWEERES
PRINCIPAL, SARATOGA SCHOOL
4040 N DIVISION STREET
MORRIS, IL 60450
(815) 942-5970
- S. A COMMITMENT HAS BEEN MADE WITH PROPERTY OWNERS PAUL AND BETTY POLAREK, A SILT FENCE OR ANOTHER TYPE OF BARRIER WILL BE PLACED AT THE RIGHT OF WAY LINE OF THEIR PROPERTY. (PARCEL NO. 3VC0021 STA. 6142+12.35 TO 6144+47.37 LT.)
- T. A COMMITMENT HAS BEEN MADE THAT THE RESIDENT ENGINEER WILL CONTACT EITHER TINA SILLER AT 815-685-2475 OR FARM TENANT M. MYRE, JR. AT 815-252-5863 WHEN CLOSURES TO ENTRANCES LOCATED AT STATION 6270+00 LT AND STA 6270+48 RT ARE GOING TO OCCUR. IN ADDITION, IDOT WILL NOTIFY ONE OF THEM IF EITHER ENTRANCE WILL BE BLOCKED FROM MORE THAN 24 HOURS. (PARCEL NO. 3VC0035 AND 3VC0036)

FILE NAME :	USER NAME : bdaorrens	DESIGNED - LOZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL RTE. 47 COMMITMENTS	F.A.P. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
W:\3195\66883 15South Section\CADD Sheets	N036883-shr-gennote-2.dgn	DRAWN - SRH/RMD	REVISED -			326	(110)R, BR & BR-1	GRUNDY	644	3	
	PLOT SCALE : 2.000' / in.	CHECKED - DJD	REVISED -			SCALE: N/A		SHEET NO. 2 OF 2 SHEETS		STA. N/A	TO STA. N/A
	PLOT DATE : 6/6/2013	DATE - 7/15/2013	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 66883	

SI = SPECIALTY ITEM

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	CITY 100%	CITY 100%	FED 80% STATE 20%	CITY 100%
				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	2917	2812	105							
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	1710	1492	218							
20101000	TEMPORARY FENCE	FOOT	3002	3002								
20200100	EARTH EXCAVATION	CU YD	157150	103490	34733	18927						
20200200	ROCK EXCAVATION	CU YD	570			570						
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	86043	58718	18141	9184						
20300100	CHANNEL EXCAVATION	CU YD	2860	27	171		2074	588				
20400800	FURNISHED EXCAVATION	CU YD	279238	186953	68908	23377						
20700220	POROUS GRANULAR EMBANKMENT	CU YD	289	217	72							
20800150	TRENCH BACKFILL	CU YD	3352	2505	818	29						
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	40469	38415	2054							
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	30318	19354	7860	3104						
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	43821	32968	7449	3404						
25000210	SEEDING, CLASS 2A	ACRE	44.75	28.50	10.75	5.50						

FILE NAME = W:\3195\66883\South Section\CADD Sheets	USER NAME = bdegreene	DESIGNED - LDZ	REVISED -
0356803-shr-500-1.dgn	DRAWN - SRH/RMD	CHECKED - DJD	REVISED -
PLOT SCALE = 100.0000 1/ in.	DATE - 7/15/2013		
SHT_PLAN	PLOT DATE = 8/6/2013		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47			
SUMMARY OF QUANTITIES			
SCALE: N/A	SHEET 1 OF 30 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R. BR & BR-1	GRUNDY	644	4
			CONTRACT NO. 66883	
[ILLINOIS] FED. AID PROJECT				

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SI = SPECIALTY ITEM

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	CITY 100%	CITY 100%	FED 80% STATE 20%	CITY 100%
				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							GRUNDY	GRUNDY				
25000310	SEEDING, CLASS 4	ACRE	17.25	9.25	6.25	1.75						
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	5671	3511	1517	643						
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	5671	3511	1517	643						
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5671	3511	1517	643						
25100115	MULCH, METHOD 2	ACRE	103.25	61.75	27.75	13.75						
25100630	EROSION CONTROL BLANKET	SO YD	136556	92456	32475	11625						
25200110	SODDING, SALT TOLERANT	SO YD	9405	9405								
25200200	SUPPLEMENTAL WATERING	UNIT	140	140								
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	6996	4317	1794	885						
28000305	TEMPORARY DITCH CHECKS	FOOT	12769	7891	3283	1595						
28000400	PERIMETER EROSION BARRIER	FOOT	13415	10898	1189	1328						
28000500	INLET AND PIPE PROTECTION	EACH	132	88	37	7						
28100105	STONE RIPRAP, CLASS A3	SO YD	26	26								
28100107	STONE RIPRAP, CLASS A4	SO YD	3324	278	126		1530	1390				

SI = SPECIALTY ITEM
 □ = FED 80% / CITY 20% , 0021 (LVSD,02)

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122 GRUNDY	SN 032-0123 GRUNDY	URBAN	PROLOGIS	GRANVILLE	URBAN
42400800	DETECTABLE WARNINGS	SO FT	120	120 □								
44000100	PAVEMENT REMOVAL	SO YD	83606	63331	16255	4020						
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	621	621								
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	3862	3321	541							
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1005	1005								
44000600	SIDEWALK REMOVAL	SO FT	2427	2427								
44004250	PAVED SHOULDER REMOVAL	SO YD	21821	15330	4571	1920						
48101200	AGGREGATE SHOULDERS, TYPE B	TON	5233	2138	1931	1164						
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SO YD	2317	1511	806							
48300300	PORTLAND CEMENT CONCRETE SHOULDERS 8"	SO YD	58813	41060	15285	2468						
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1				1					
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1					1				
50100500	REMOVAL OF EXISTING STRUCTURES NO. 3	EACH	1	1								
50100600	REMOVAL OF EXISTING STRUCTURES NO. 4	EACH	1	1								

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
50800105	REINFORCEMENT BARS	POUND	21760	15460	6300							
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	410660				213100	197560				
50800515	BAR SPLICERS	EACH	1145				607	538				
50900805	PEDESTRIAN RAILING	FOOT	24	24								
51201610	FURNISHING STEEL PILES HP12X63	FOOT	1717					1717				
51201800	FURNISHING STEEL PILES HP14X73	FOOT	1475				1475					
51202305	DRIVING PILES	FOOT	3192				1475	1717				
51203610	TEST PILES STEEL HP12X63	EACH	1					1				
51203800	TEST PILE STEEL HP14X73	EACH	2				2					
51204650	PILE SHOES	EACH	77				37	40				
51500100	NAME PLATES	EACH	10	6	2		1	1				
54003000	CONCRETE BOX CULVERTS	CU YD	118.6	83.0	35.6							
54010503	PRECAST CONCRETE BOX CULVERTS 5' X 3'	FOOT	910.0	910.0								
54010704	PRECAST CONCRETE BOX CULVERTS 7' X 4'	FOOT	386.0	125.5	260.5							

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
54010804	PRECAST CONCRETE BOX CULVERTS 8' X 4'	FOOT	176.5	123.0	53.5							
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	49			49						
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	60	60								
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	392		392							
542A0247	PIPE CULVERTS, CLASS A, TYPE 1 42"	FOOT	567		567							
542A5482	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 27"	FOOT	249	192	57							
542A5485	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30"	FOOT	100			100						
542A5503	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 48"	FOOT	216		216							
542D0220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	739	330	391	18						
542D0223	PIPE CULVERTS, CLASS D, TYPE 1 18"	FOOT	531	65	466							
542D0226	PIPE CULVERTS, CLASS D, TYPE 1 21"	FOOT	45		45							
542D0229	PIPE CULVERTS, CLASS D, TYPE 1 24"	FOOT	164	164								
542D0235	PIPE CULVERTS, CLASS D, TYPE 1 30"	FOOT	62			62						
542D0241	PIPE CULVERTS, CLASS D, TYPE 1 36"	FOOT	100	100								

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
542D5473	PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 18"	FOOT	27	27								
5421A015	PIPE CULVERTS, CLASS A, TYPE 1 15" (TEMPORARY)	FOOT	304	274		30						
5421A018	PIPE CULVERTS, CLASS A, TYPE 1 18" (TEMPORARY)	FOOT	192	192								
5421A030	PIPE CULVERTS, CLASS A, TYPE 1 30" (TEMPORARY)	FOOT	40			40						
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	88	81	6	1						
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	6	4		2						
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	5	5								
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	8	8								
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	3	3								
54213693	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48"	EACH	2	2								
54214512	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 27"	EACH	8	6	2							
54214515	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 30"	EACH	4			4						
54215550	METAL END SECTIONS 15"	EACH	31	16	14	1						
54215553	METAL END SECTIONS 18"	EACH	16	2	14							

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	393	393								
550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	386	386								
550A0180	STORM SEWERS, CLASS A, TYPE 1 42"	FOOT	675	675								
550A0190	STORM SEWERS, CLASS A, TYPE 1 48"	FOOT	434	434								
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	8020	7582	372	66						
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	953	953								
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	1423	1423								
550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1978	1978								
550A0430	STORM SEWERS, CLASS A, TYPE 2 30"	FOOT	1291	1291								
550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	639	639								
550A0470	STORM SEWERS, CLASS A, TYPE 2 42"	FOOT	205	205								
550A0480	STORM SEWERS, CLASS A, TYPE 2 48"	FOOT	1216	1216								
55100500	STORM SEWER REMOVAL 12"	FOOT	175	175								
55100900	STORM SEWER REMOVAL 18"	FOOT	410	410								

GRUNDY GRUNDY

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
55101200	STORM SEWER REMOVAL 24"	FOOT	25	25								
56100600	WATER MAIN 6"	FOOT	46	35								11
56100900	WATER MAIN 12"	FOOT	4617	4178								439
56104900	WATER VALVES 6"	EACH	8	8								
56105200	WATER VALVES 12"	EACH	20	19								1
56200300	WATER SERVICE LINE 1"	FOOT	82	82								
56400100	FIRE HYDRANTS TO BE MOVED	EACH	8	8								
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2	2								
56500400	DOMESTIC METER VAULTS TO BE REMOVED	EACH	1	1								
56500700	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	EACH	3	3								
56500800	DOMESTIC WATER SERVICE BOXES	EACH	3	3								
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	590				290	300				
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	47	13	26	8						
60100915	PIPE DRAINS 6"	FOOT	1000	600	300	100						

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
60100925	PIPE DRAINS 8"	FOOT	1000	600	300	100						
60100935	PIPE DRAINS 10"	FOOT	1000	600	300	100						
60100945	PIPE DRAINS 12"	FOOT	1000	600	300	100						
60100955	PIPE DRAINS 15"	FOOT	1000	600	300	100						
60100965	PIPE DRAINS 18"	FOOT	1000	600	300	100						
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	2127	1378	589	160						
60218300	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	6	6								
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	31	31								
60218500	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	20	20								
60219000	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 8 GRATE	EACH	3	3								
60219300	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 11 FRAME AND GRATE	EACH	2	2								
60221000	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1								
60221100	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	11	11								
60221200	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 3 FRAME AND GRATE	EACH	3	3								

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
60222000	MANHOLES, TYPE A, 5' -DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	1								
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	7	7								
60224005	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 8 GRATE	EACH	1	1								
60224446	MANHOLES, TYPE A, 7' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15	15								
60224459	MANHOLES, TYPE A, 8' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	5	5								
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	8	5	3							
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	145	145								
60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	1	1								
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	40	36	3	1						
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	3	3								
60238305	INLETS, TYPE A, WITH MEDIAN INLET (604101)	EACH	6	6								
60240210	INLETS, TYPE B, TYPE 1 FRAME, OPEN LID	EACH	6	6								
60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	2	2								
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	80	80								

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
60240301	INLETS, TYPE B, TYPE 8 GRATE	EACH	12	12								
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	7	7								
60240366	INLETS, TYPE B, WITH MEDIAN INLET (604106)	EACH	1	1								
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2								
60266100	VALVE VAULTS TO BE RECONSTRUCTED	EACH	3	3								
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	3								1
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1								
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	8794	8794								
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	65	65								
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	48105	48105								
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	26813	26813								
61100605	MISCELLANEOUS CONCRETE	CU YD	6.0	3.0	2.0	1.0						
61101007	STORM SEWERS PROTECTED, CLASS A, 6"	FOOT	1000	600	300	100						
61101009	STORM SEWERS PROTECTED, CLASS A, 8"	FOOT	1000	600	300	100						

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
61101011	STORM SEWERS PROTECTED, CLASS A, 10"	FOOT	1000	600	300	100						
61101013	STORM SEWERS PROTECTED, CLASS A, 12"	FOOT	1000	600	300	100						
61101017	STORM SEWERS PROTECTED, CLASS A, 15"	FOOT	1000	600	300	100						
61101020	STORM SEWERS PROTECTED, CLASS A, 18"	FOOT	1000	600	300	100						
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	20	12	6	2						
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	20	12	6	2						
61139900	STORM SEWERS (SPECIAL), 6"	FOOT	1500	800	500	200						
61140000	STORM SEWERS (SPECIAL), 8"	FOOT	1500	800	500	200						
61140100	STORM SEWERS (SPECIAL), 10"	FOOT	1500	800	500	200						
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	1500	800	500	200						
61140400	STORM SEWERS (SPECIAL), 15"	FOOT	1500	800	500	200						
61140600	STORM SEWERS (SPECIAL), 18"	FOOT	1500	800	500	200						
SI 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	475	475								
SI 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1								

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
67100100	MOBILIZATION	L SUM	1	0.4	0.3	0.3						
67201000	SEALING ABANDONED WATER WELLS	EACH	1	1								
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	661	265	198	198						
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	66	22	22	22						
70300100	SHORT TERM PAVEMENT MARKING	FOOT	490	356	134							
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	2434	1975	328	131						
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	370087	265999	58510	45578						
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	12529	9471	2571	487						
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	15189	12465	2365	359						
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	9580	7553	926	1101						
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	922	860	62							
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	939	939								
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	322254	219963	62139	40152						
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	108521	74379	20758	13384						

SI = SPECIALTY ITEM

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	CITY 100%	CITY 100%	FED 80% STATE 20%	CITY 100%
				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1913	1913								
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	420	420								
70500100	TEMPORARY STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	25	25								
70500615	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	2	2								
70500665	TEMPORARY TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2								
70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	12	12								
70600340	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 2	EACH	2	2								
SI 72000100	SIGN PANEL - TYPE 1	SO FT	933	596	200	76				34	27	
SI 72000200	SIGN PANEL - TYPE 2	SO FT	84	14		22				25	23	
SI 73000100	WOOD SIGN SUPPORT	FOOT	2346	1659	500	174				13		
SI 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	11352	8582	2571	199						
SI 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1918	1459	328	131						
SI 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	133564	89764	27394	16406						
SI 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	1177	889		288						

SI = SPECIALTY ITEM

CONSTRUCTION CODE

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
SI 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	15189	12465	2365	359						
SI 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	7603	5576	926	1101						
SI 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	505	443	62							
SI 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1362	981	300	81						
SI 78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	16	16								
SI 78100300	REPLACEMENT REFLECTOR	EACH	180	180								
SI 78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	12	12								
SI 78200300	PRISMATIC CURB REFLECTOR	EACH	376	376								
SI 78200410	GUARDRAIL MARKERS, TYPE A	EACH	12	12								
SI 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	6								
SI 78300100	PAVEMENT MARKING REMOVAL	SQ FT	799	799								
SI 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	98	90		8						
SI 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1						1			
SI 80400200	ELECTRIC UTILITY SERVICE INSTALLATION	L SUM	1						1			

FILE NAME : V:\3195\66883 (South Section)\CADD Sheets\80366883-sht-500-28.dgn	USER NAME : bjeocrane	DESIGNED - LDZ	REVISED -
PLOT SCALE : 100.0000 ' / in.	CHECKED - DJD	DRAWN - SRH/RMD	REVISED -
PLOT DATE : 8/6/2013	DATE - 7/15/2013		REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL. RTE. 47
SUMMARY OF QUANTITIES**

SCALE: N/A SHEET 20 OF 30 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 326	SECTION 1110R, BR & BR-1	COUNTY GRUNDY	TOTAL SHEETS 644	SHEET NO. 23
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66883	

Rev.

SI = SPECIALTY ITEM

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	CITY 100%	CITY 100%	FED 80% STATE 20%	CITY 100%	
				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS		CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043	
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN	
SI 80500010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	2						GRUNDY	GRUNDY			
SI 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	286								50	44	192
SI 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	44									44	
SI 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	687									328	359
SI 81028320	UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	393									100	293
SI 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	3429									1016	2413
SI 81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	205									51	154
SI 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	114									114	
SI 81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	115									107	8
SI 81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	470								470		
SI 81028770	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 3" DIA.	FOOT	120								120		
SI 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	18									8	10
SI 81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2									1	1
SI 81603030	UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	285								285		

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SI = SPECIALTY ITEM

CONSTRUCTION CODE

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
SI 81603040	UNIT DUCT, 600V, 2-1/C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	7770				GRUNDY	GRUNDY				
SI 81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	200						200			
SI 81702450	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 10	FOOT	5205							2538	2667	
SI 82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	33						26	3	4	
SI 82500340	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 480VOLT, 60AMP	EACH	1						1			
SI 83010500	LIGHT POLE, ALUMINUM, 50 FT. M. H., 12 FT. MAST ARM	EACH	26						26			
SI 83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	182						182			
SI 83800205	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	26						26			
SI 84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	2						2			
SI 84200804	REMOVAL OF POLE FOUNDATION	EACH	2						2			
SI 84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1						1			
SI 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1							1		
SI 85000500	MAINTENANCE OF EXISTING FLASHING BEACON INSTALLATION	EACH	1							1		
SI 86000100	MASTER CONTROLLER	EACH	1								1	

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SI = SPECIALTY ITEM

CONSTRUCTION CODE

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				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
SI 86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	2							1	1	
SI 86400100	TRANSCEIVER - FIBER OPTIC	EACH	2							1	1	
SI 87100160	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 24F	FOOT	2891								2891	
SI 87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2891								2891	
SI 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1363								1363	
SI 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2671							801	1870	
SI 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4113							2759	1354	
SI 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3031							1343	1688	
SI 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	7246							3236	4010	
SI 87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	261							234	27	
SI 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4970							1486	3484	
SI 87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1								1	
SI 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	6							3	3	
SI 87601100	PEDESTRIAN PUSH-BUTTON POST, GALVANIZED STEEL, TYPE I	EACH	3								3	

SI = SPECIALTY ITEM
 Ⓞ = 100% CITY COST 07804, 03.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE									
				FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	CITY 100%	CITY 100%	FED 80% STATE 20%	CITY 100%	
				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043	
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN	
							GRUNDY	GRUNDY					
SI 88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	6								3	3	
SI 88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	6								3	3	
SI 88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8									8	
SI 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	33								16	17	
SI 88500100	INDUCTIVE LOOP DETECTOR	EACH	24								12	12	
SI 88600100	DETECTOR LOOP, TYPE I	FOOT	2747								1193	1554	
SI 88700200	LIGHT DETECTOR	EACH	7								3	4 Ⓞ	
SI 88700300	LIGHT DETECTOR AMPLIFIER	EACH	2								1	1 Ⓞ	
SI 88800100	PEDESTRIAN PUSH-BUTTON	EACH	8									8	
SI 89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1								1		
SI 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1								1		
89502380	REMOVE EXISTING HANDHOLE	EACH	8								8		
89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	1								1		
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	5								5		

SI = SPECIALTY ITEM
 Δ = 100% STATE COST

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	CITY 100%	CITY 100%	FED 80% STATE 20%	CITY 100%
				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
SI 89502400	REMOVE EXISTING FLASHING BEACON INSTALLATION COMPLETE	EACH	1									1
X0320374	PLUG EXISTING SANITARY SEWERS	EACH	1	1								
X0324159	WHITEWASHING FOR CONCRETE PAVEMENT	SO YD	179811	133197	37812	8802						
X0325667	WEED CONTROL MOWING STRIP (SPECIAL)	SO YD	895	505 Δ	390 Δ							
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	6.3	6.3								
X0326020	UTILITY PROTECTION PAD	SO YD	1743	285	1148	310						
X0327420	SANITARY SEWER, DUCTILE IRON, 8"	FOOT	25	25								
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	120764	54490	26043	40231						
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	1469			1469						
X4402800	ISLAND PAVEMENT REMOVAL	SO YD	23	23								
X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	1243				650	593				
X6013600	PIPE UNDERDRAINS 4" (MODIFIED)	FOOT	89070	65650	19588	3832						
X6022820	MANHOLES, SANITARY, 5' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1								
X6026054	SANITARY MANHOLES TO BE REMOVED	EACH	6	6								

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				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							<i>GRUNDY</i>	<i>GRUNDY</i>				
X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	5	3								2
X6026057	SANITARY MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1								
X6026632	VALVE BOXES TO BE REMOVED	EACH	15	15								
X6061100	CONCRETE MEDIAN, TYPE SB (SPECIAL)	SO FT	15826	15826								
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.4	0.3	0.3						
SI X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	96169	69939	20373	5857						
SI X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	12038	9268	2571	199						
SI X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	12686	10626	1701	359						
SI X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1			1						
SI X8410118	MAINTENANCE OF TEMPORARY LIGHTING SYSTEM	L SUM	1			1						
SI X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1								1	
SI X8570231	FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1							1		
SI X8730250	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	1370							801	569	
SI X8860100	LOOP DETECTOR TESTING	EACH	2							1	1	

SI = SPECIALTY ITEM

CONSTRUCTION CODE

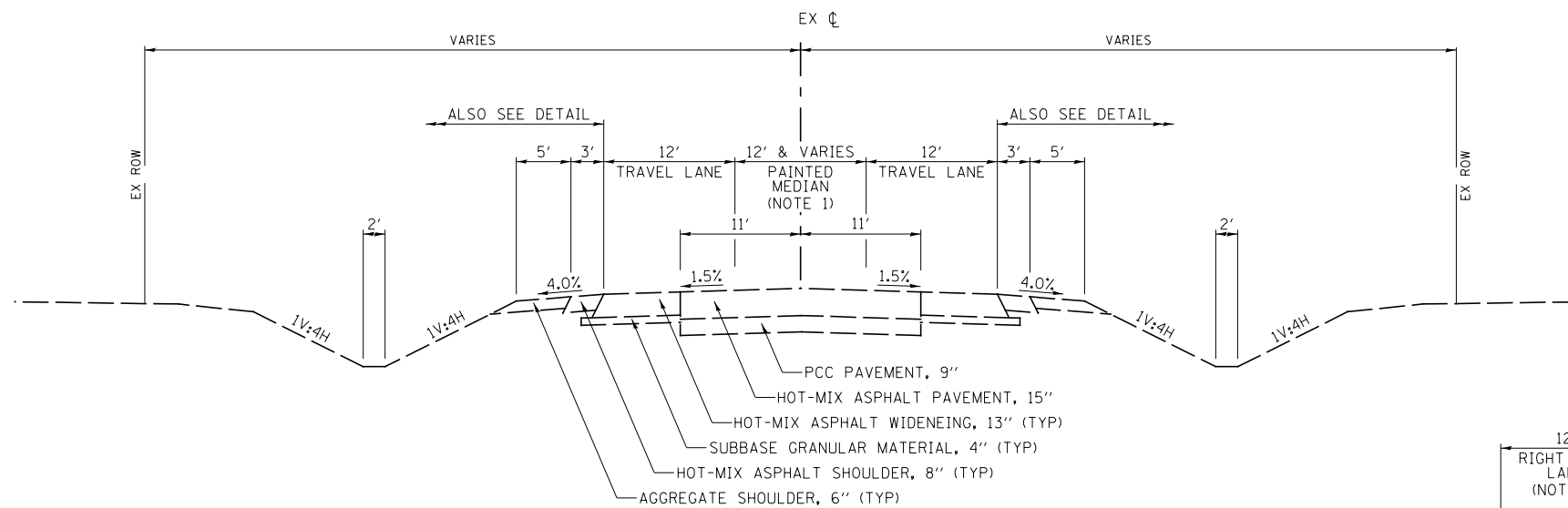
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	FED 80% STATE 20%	CITY 100%	CITY 100%	FED 80% STATE 20%	CITY 100%
				ROADWAY	ROADWAY	ROADWAY	BRIDGE	BRIDGE	HIGHWAY LIGHTING	TRAFFIC SIGNALS	TRAFFIC SIGNALS	CITY
				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
							GRUNDY	GRUNDY				
Z0030850	TEMPORARY INFORMATION SIGN	SQ FT	149.5	107	42.5							
Z0007601	BUILDING REMOVAL NO. 1	L SUM	1	1								
Z0007602	BUILDING REMOVAL NO. 2	L SUM	1	1								
Z0013302	SEGMENTAL CONCRETE BLOCK WALL	SO FT	125	125								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	0.4	0.3	0.3						
Z0018400	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	1	1								
Z0018700	DRAINAGE STRUCTURE TO BE REMOVED	EACH	19	12	7							
Z0023602	GRANULAR CULVERT BACKFILL	CU YD	1235	921	314							
SI Z0029652	HIGH TENSION CABLE MEDIAN BARRIER	FOOT	1700	1033	667							
SI Z0029653	HIGH TENSION CABLE MEDIAN BARRIER DEMONSTRATION	EACH	2	1	1							
SI Z0029654	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	6	2	4							
Z0032900	LAND SECTION MARKERS	EACH	11	7	2	2						
SI Z0033056	OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1								1	
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	690				340	350				

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SI = SPECIALTY ITEM

CONSTRUCTION CODE

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				0003	0003	0003	0010	0010	0021	0021	0021	0043
				URBAN GRUNDY	RURAL GRUNDY	RURAL KENDALL	SN 032-0122	SN 032-0123	URBAN	PROLOGIS	GRANVILLE	URBAN
X6022850	MANHOLES, SANITARY, 8' -DIAMETER, TYPE I FRAME, CLOSED LID	EACH	2	2								
X6022855	MANHOLES, SANITARY, 9' -DIAMETER, TYPE I FRAME, CLOSED LID	EACH	1	1								
X0327651	WATER MAIN 12" CASING, 12"	FOOT	1157	1115								42
∅ Z0076600	TRAINEES	HOUR	2500	1250		1250						
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2500	1250		1250						
∅ 0042												



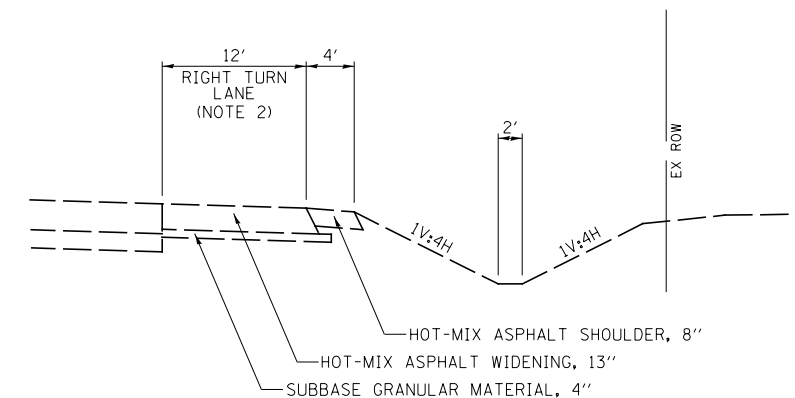
EXISTING TYPICAL SECTION

IL. RTE. 47

STA 6029+00 TO STA 6071+58.1

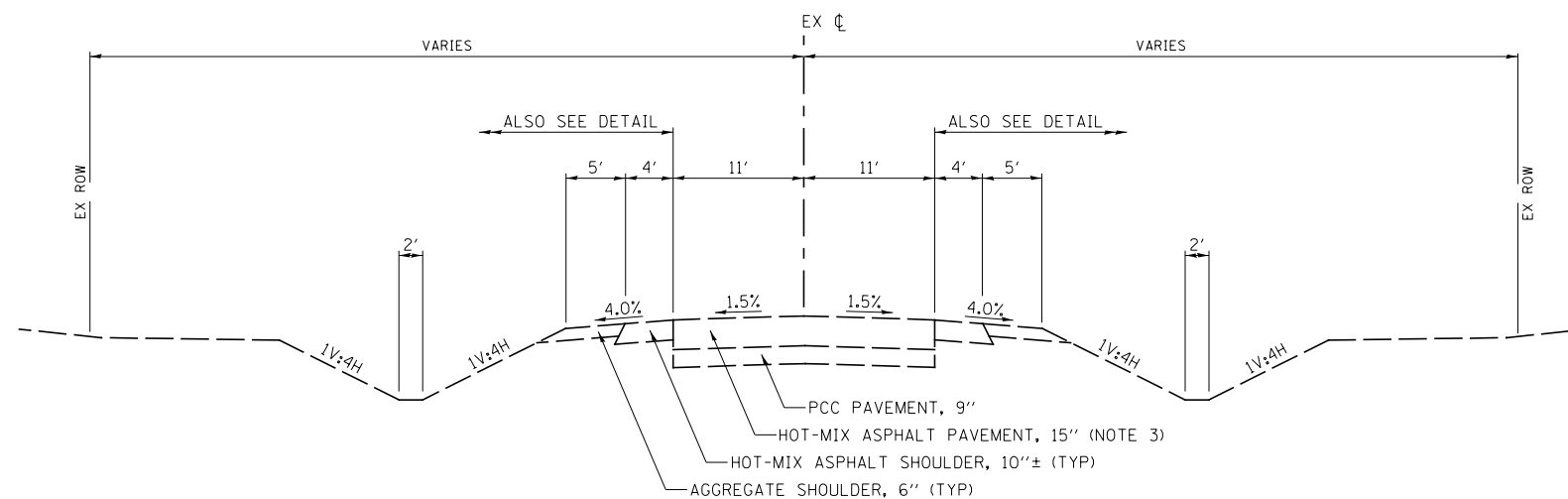
NOTES:

1. VARIES FROM 12' @ STA 6066+00 TO 0' @ STA 6071+58.1
2. VARIES FROM 12' @ STA 6065+00 TO 0' @ STA 6067+50.66
VARIES FROM 0' @ STA 6070+44.6 TO 12' @ STA 6071+00
VARIES FROM 0' @ STA 6146+22.34 TO 12' @ STA 6149+00
3. EXISTING HOT-MIX ASPHALT THICKNESS VARIES FROM 15" TO 11" BETWEEN NELSON RD. AND AIRPORT RD.



EXISTING RIGHT TURN LANE DETAIL

STA 6062+24.1 TO STA 6067+50.66 (LT)
STA 6070+44.6 TO STA 6075+27.5 (LT & RT)
STA 6146+22.34 TO STA 6150+86.72 (RT)



EXISTING TYPICAL SECTION

IL. RTE. 47

STA 6071+58.1 TO STA 6265+00

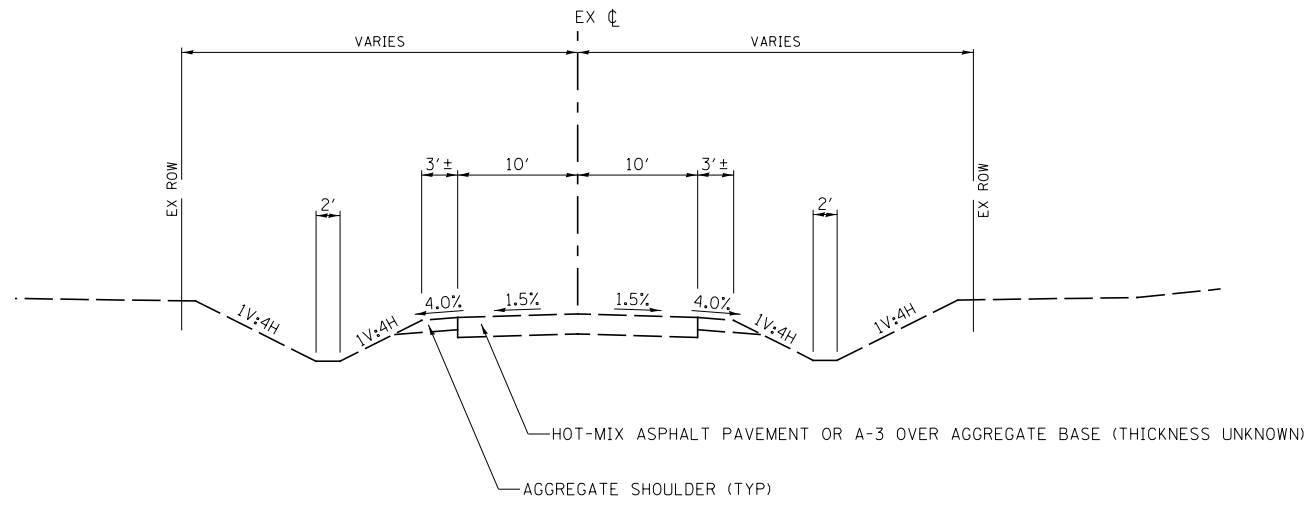
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	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL. RTE. 47 EXISTING TYPICAL SECTIONS

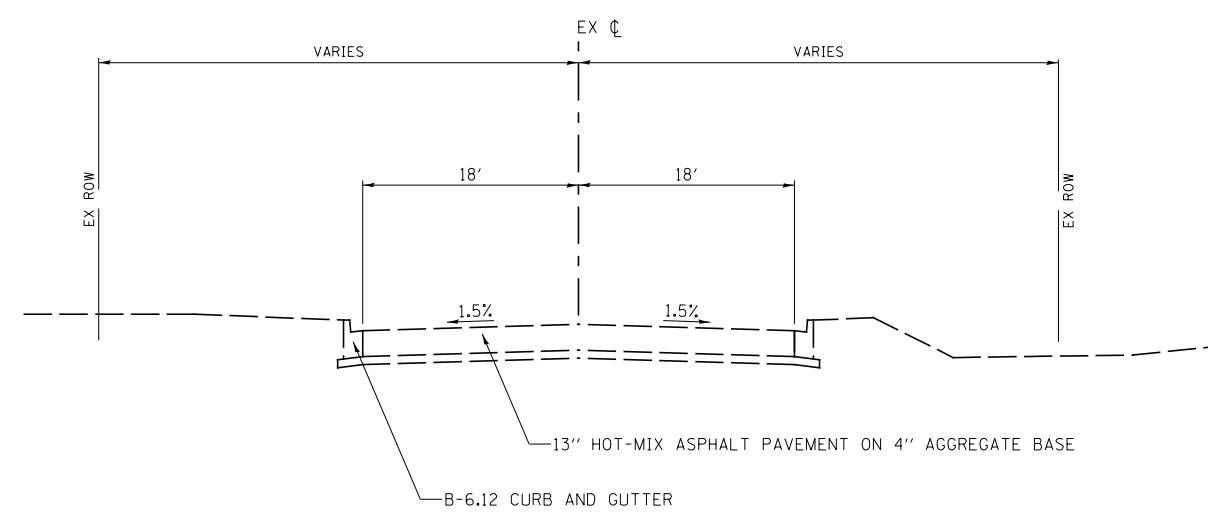
SCALE: N/A SHEET NO. 1 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	34
CONTRACT NO. 66B83				
ILLINOIS FED. AID PROJECT				



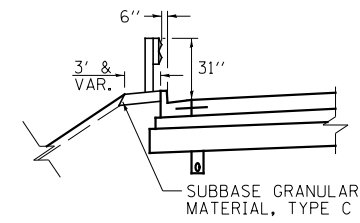
**EXISTING TYPICAL SECTION
SIDE ROADS**

- GRANVILLE RD.
- NELSON RD.
- AIRPORT RD.
- MINOOKA RD.
- SHERRILL RD.



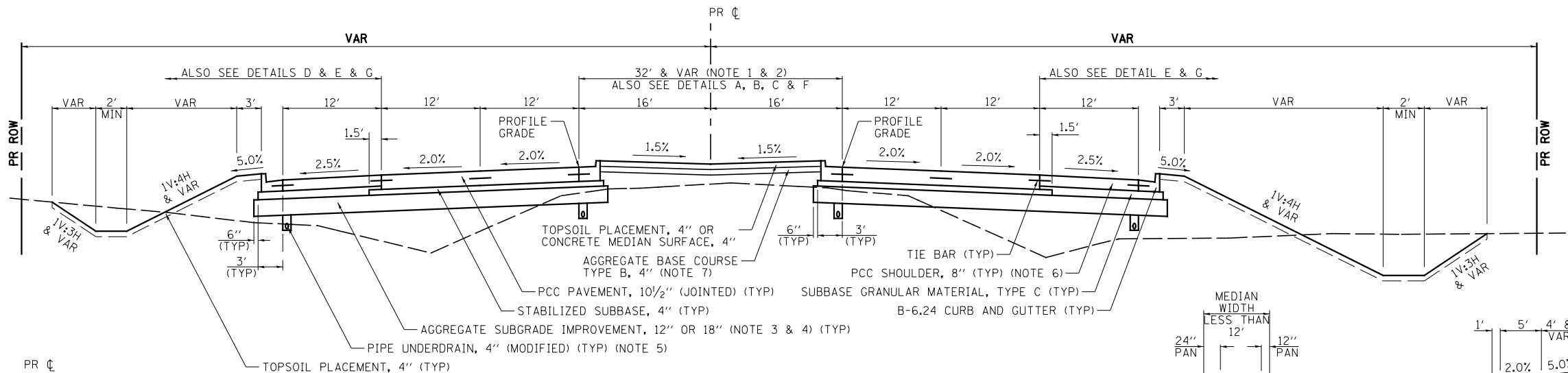
**EXISTING TYPICAL SECTION
PROLOGIS PRKWY.**

FILE NAME = V:\3195\66883 (South Section)\CADD Sheets\0366883-sht-typical-2.dgn	USER NAME = bdecreene	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDE ROAD EXISTING TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 16.000' / in.	CHECKED - DJD	REVISED -					326	(110)R, BR & BR-1	GRUNDY	644	35
PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -		SCALE: N/A	SHEET NO. 2 OF 6 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 66883				
ILLINOIS FED. AID PROJECT												



GUARDRAIL DETAIL (G)

STA 6117+00.00 TO STA 6123+00.00 (RT)
 STA 6118+74.24 TO STA 6119+81.89 (LT)
 STA 6183+86.99 TO STA 6184+94.63 (RT)



PROPOSED TYPICAL SECTION

IL. RTE. 47

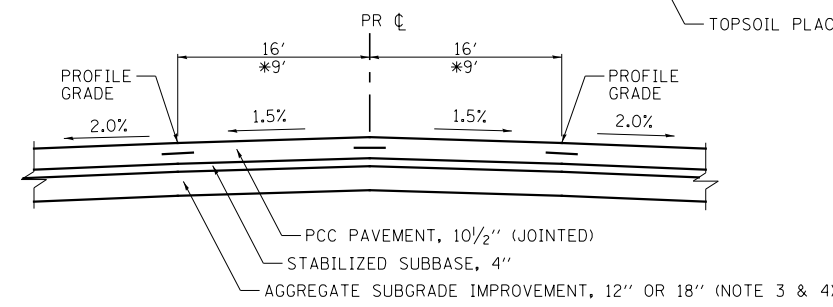
STA 6029+00 TO STA 6185+00
 BRIDGE OMISSION: STA. 6117+59.58 TO STA. 6119+20.42

NOTES:

- MEDIAN VARIES 6' TO 18' FROM STA 6029+00 TO STA 6031+20 AND FROM 18' TO 32' FROM STA 6031+20 TO STA 6039+63.
- SEE PLAN & PROFILE SHEETS FOR MEDIAN TYPE AND LOCATION.
- AGGREGATE SUBGRADE IMPROVEMENT, 18". LOCATIONS:
 STA 6029+00 TO STA 6037+50 STA 6076+50 TO STA 6079+50
 STA 6043+50 TO STA 6049+50 STA 6100+50 TO STA 6106+50
 STA 6067+50 TO STA 6070+50 STA 6169+50 TO STA 6175+00
 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION REQUIRED AT THESE LOCATIONS.
- TRANSVERSE UNDERDRAINS SHALL BE INSTALLED AT LOW POINTS OF AGGREGATE SUBGRADE IMPROVEMENT, 18". LOCATIONS. THE TOP SHALL BE 6" BELOW THE BOTTOM OF THE AGGREGATE SUBGRADE IMPROVEMENT, 18". SEE SCHEDULE FOR LOCATIONS.
- INVERT OF LONGITUDINAL UNDERDRAINS SHALL BE 3.2' BELOW THE EDGE OF PAVEMENT ELEVATION.
- SHOULDERS TO HAVE UNIFORM THICKNESS.
- AGGREGATE BASE COURSE, 4", REQUIRED UNDER CONCRETE MEDIAN SURFACES.
- BRIDGE APPROACH CONNECTOR PAVEMENT LOCATIONS:
 STA 6116+75.75 TO STA 6117+75.75 (NB) STA 6119+04.25 TO STA 6120+04.25 (SB)
 STA 6183+97.84 TO STA 6184+97.84 (NB) STA 6186+90.17 TO STA 6187+90.17 (SB)

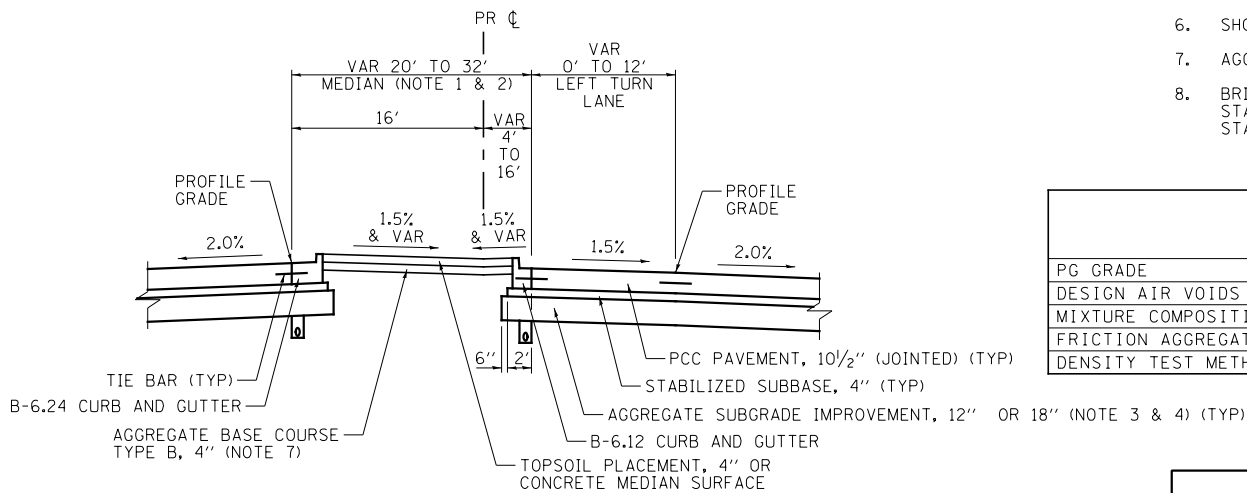
MIXTURES TABLE

	HMA BINDER NB & SB CONNECTOR	HMA SURFACE NB & SB CONNECTOR	HMA SURFACE SIDE ROADS	HMA BINDER SIDE ROADS	HMA STABILIZED SUBBASE
PG GRADE	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR Voids	4.0% @ N90	4.0% @ N90	4.0% @ N70	4.0% @ N70	2.0% @ N30
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 9.5	IL 19.0	IL 19.0L
FRICTION AGGREGATE		MIXTURE D	MIXTURE D		
DENSITY TEST METHOD	CORES	CORES	CORES	CORES	CORRELATION



MEDIAN OPENING DETAIL (A)

*STA 6029+00 TO STA 6029+69 STA 6098+11 TO STA 6098+96
 STA 6035+26 TO STA 6036+26 STA 6124+50 TO STA 6125+90
 STA 6044+92 TO STA 6046+01 STA 6142+02 TO STA 6143+10
 STA 6061+19 TO STA 6062+11 STA 6151+26 TO STA 6152+11
 STA 6074+93 TO STA 6076+05 STA 6175+30 TO STA 6176+27
 STA 6082+02 TO STA 6083+11



SINGLE LEFT TURN LANE DETAIL (B)

SOUTHBOUND
 STA 6029+69 TO STA 6031+20
 STA 6036+26 TO STA 6040+11
 STA 6062+11 TO STA 6067+30
 STA 6076+05 TO STA 6082+03
 STA 6083+11 TO STA 6088+89
 STA 6098+96 TO STA 6104+88
 STA 6125+90 TO STA 6131+51
 STA 6143+10 TO STA 6157+38
 STA 6176+27 TO STA 6182+11

NORTHBOUND
 STA 6031+41 TO STA 6035+26
 STA 6069+12 TO STA 6074+93
 STA 6076+05 TO STA 6082+02
 STA 6092+15 TO STA 6098+11
 STA 6118+86 TO STA 6124+50
 STA 6138+25 TO STA 6142+02
 STA 6169+46 TO STA 6175+30

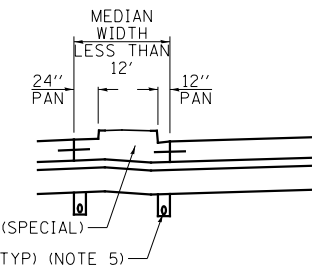
IL. RTE. 47 STRUCTURAL PAVEMENT DESIGN

STRUCTURAL DESIGN TRAFFIC (S.D.T.) YEAR 2026

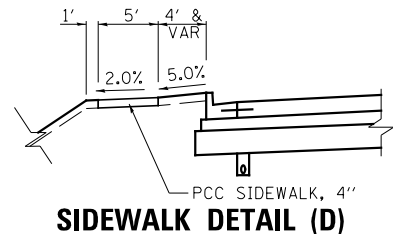
PV = 13410 SU = 1446 MU = 3024
 CLASS I ROAD
 SUBGRADE = POOR
 TRAFFIC FACTOR = 20.84

PAVEMENT STRUCTURE MATERIALS:

SURFACE COURSE TYPE: PCC PAVEMENT, 10 1/2"
 STABILIZED SUBBASE TYPE: HOT-MIX ASPHALT, 4"
 SUB-BASE TYPE: AGGREGATE SUBGRADE IMPROVEMENT, 12"

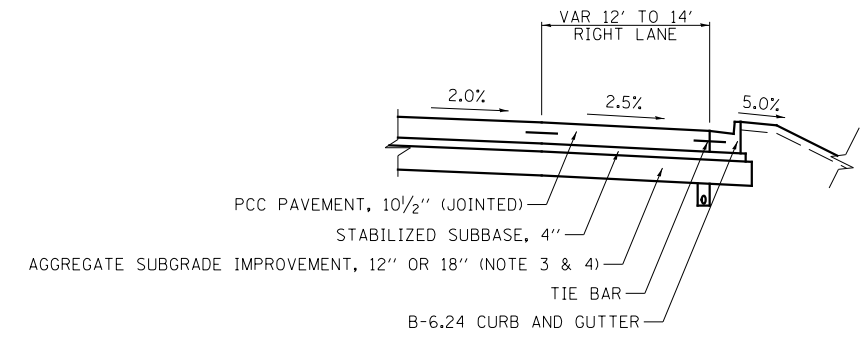


CONCRETE MEDIAN (SPECIAL) DETAIL (C)



SIDEWALK DETAIL (D)

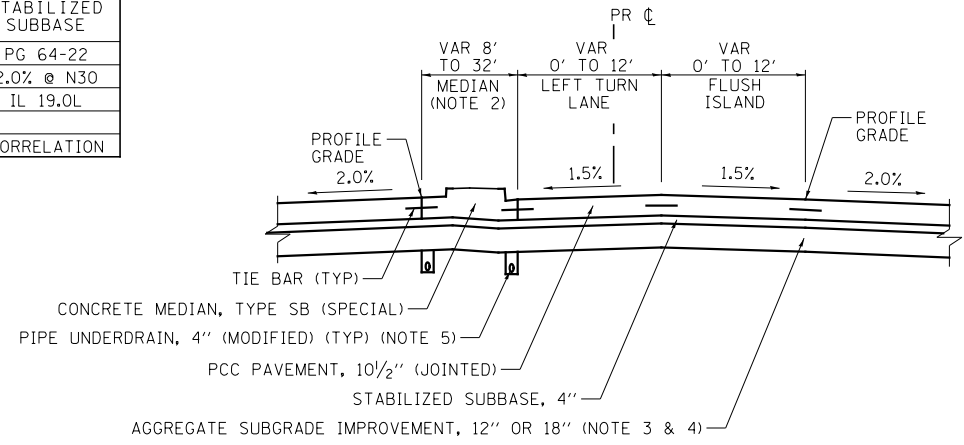
STA 6026+78 TO STA 6040+32



RIGHT LANE DETAIL (E)

SOUTHBOUND
 STA 6039+63 TO STA 6052+40
 STA 6060+04 TO STA 6066+50
 STA 6097+79 TO STA 6099+34
 STA 6150+93 TO STA 6152+49

NORTHBOUND
 STA 6040+43 TO STA 6046+93



DOUBLE LEFT TURN LANE DETAIL (F)

SOUTHBOUND
 STA 6046+01 TO STA 6051+30
 STA 6152+23 TO STA 6157+38

NORTHBOUND
 STA 6038+63 TO STA 6044+92
 STA 6054+55 TO STA 6061+19
 STA 6146+11 TO STA 6151+26

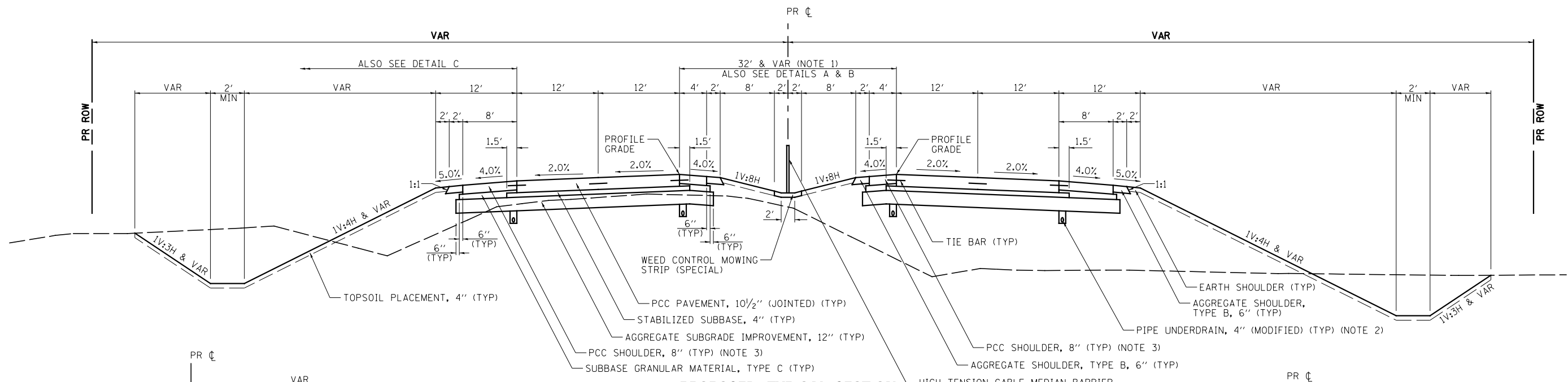
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	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

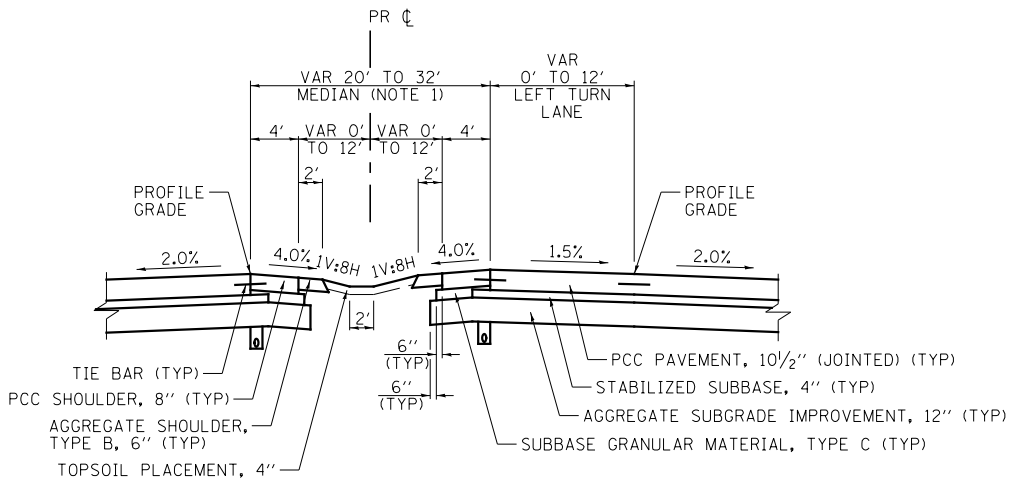
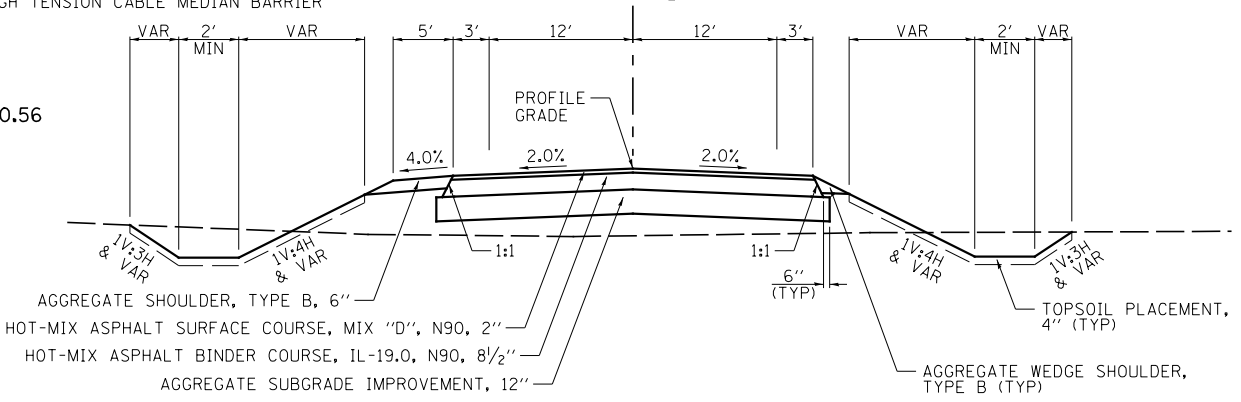
IL. RTE. 47 PROPOSED TYPICAL SECTION

SCALE: N/A SHEET NO. 3 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	36
CONTRACT NO. 66883				
ILLINOIS FED. AID PROJECT				

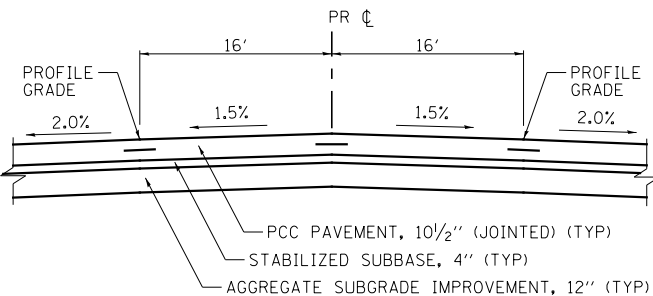


NOTES:
 1. SEE PLAN AND PROFILE SHEETS FOR MEDIAN TYPE AND LOCATION.
 2. INVERT OF LONGITUDINAL UNDERDRAINS SHALL BE 3.6' BELOW THE EDGE OF PAVEMENT ELEVATION.
 3. SHOULDERS TO HAVE UNIFORM THICKNESS.
 4. BRIDGE APPROACH CONNECTOR PAVEMENT LOCATION: STA 6186+90.17 TO STA 6187+90.17 (SB)

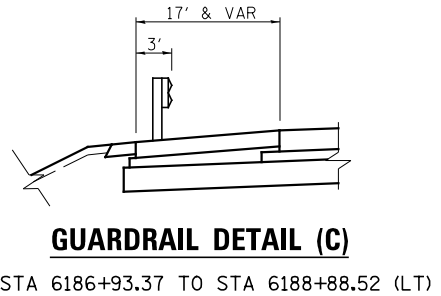
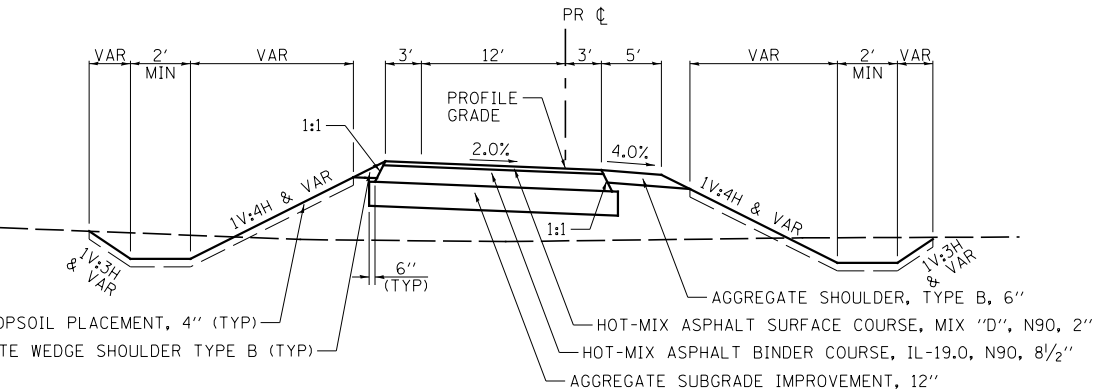
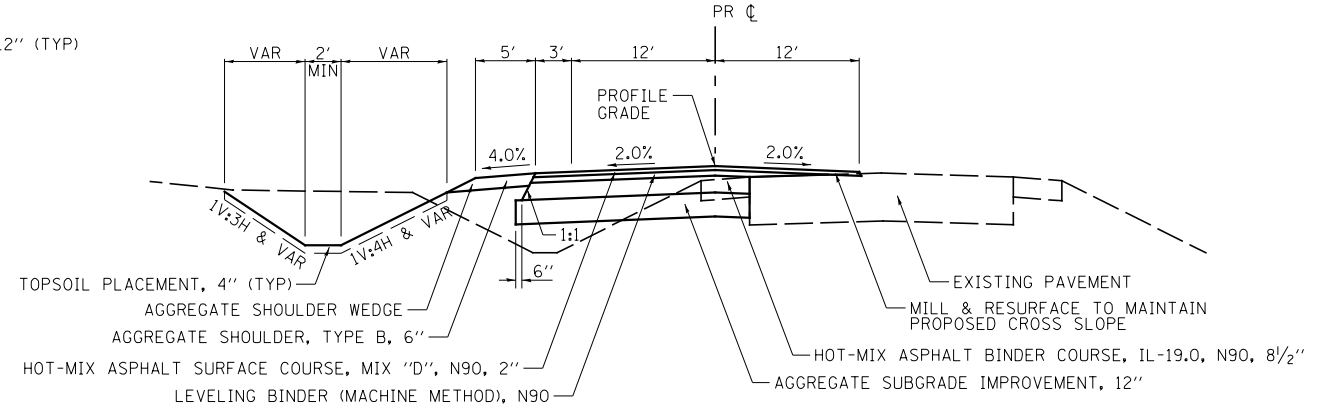


SOUTHBOUND
 STA 6205+15 TO STA 6210+98
 STA 6217+08 TO STA 6222+87
 STA 6234+06 TO STA 6239+86
 STA 6250+08 TO STA 6254+88
 STA 6257+97 TO STA 6263+81

NORTHBOUND
 STA 6198+33 TO STA 6204+17
 STA 6210+22 TO STA 6216+01
 STA 6227+21 TO STA 6233+00
 STA 6244+28 TO STA 6249+08
 STA 6252+20 TO STA 6257+00



MEDIAN OPENING DETAIL (A)
 STA 6204+17 TO STA 6205+15
 STA 6216+01 TO STA 6217+08
 STA 6233+00 TO STA 6234+06
 STA 6249+08 TO STA 6250+08
 STA 6257+00 TO STA 6257+97

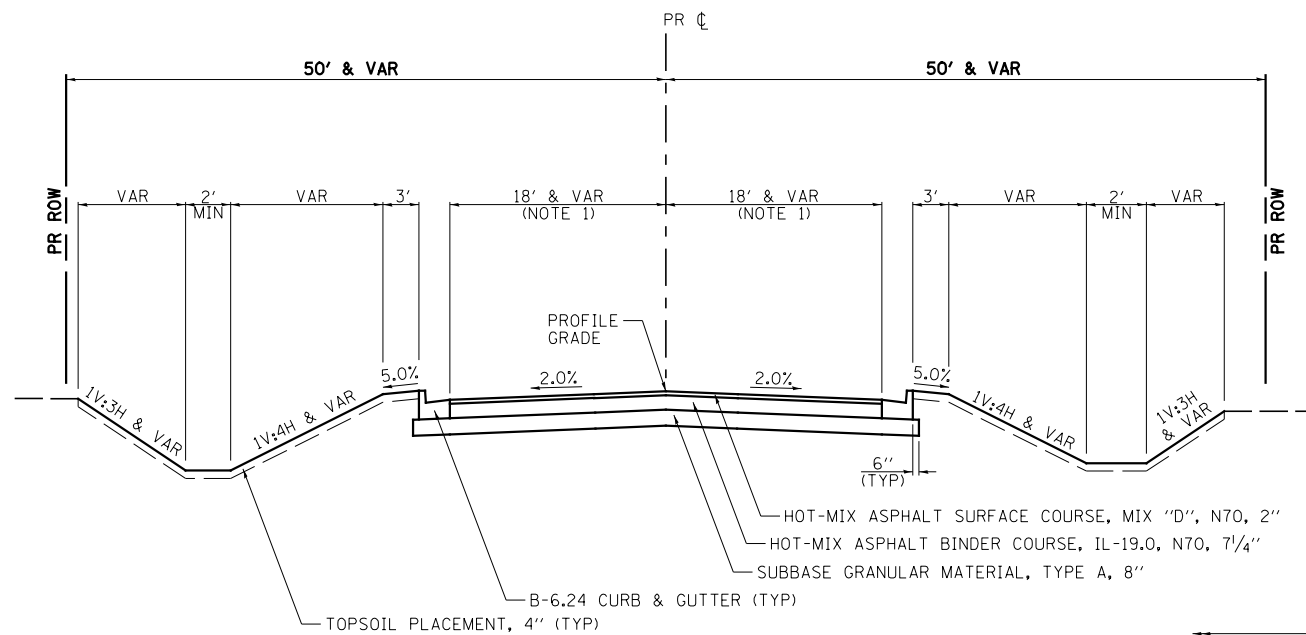


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PLOT DATE = 8/6/2013		DATE - 7/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL. RTE. 47 PROPOSED TYPICAL SECTIONS			
SCALE: N/A	SHEET NO. 4 OF 6 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	37
CONTRACT NO. 66883				
ILLINOIS FED. AID PROJECT				

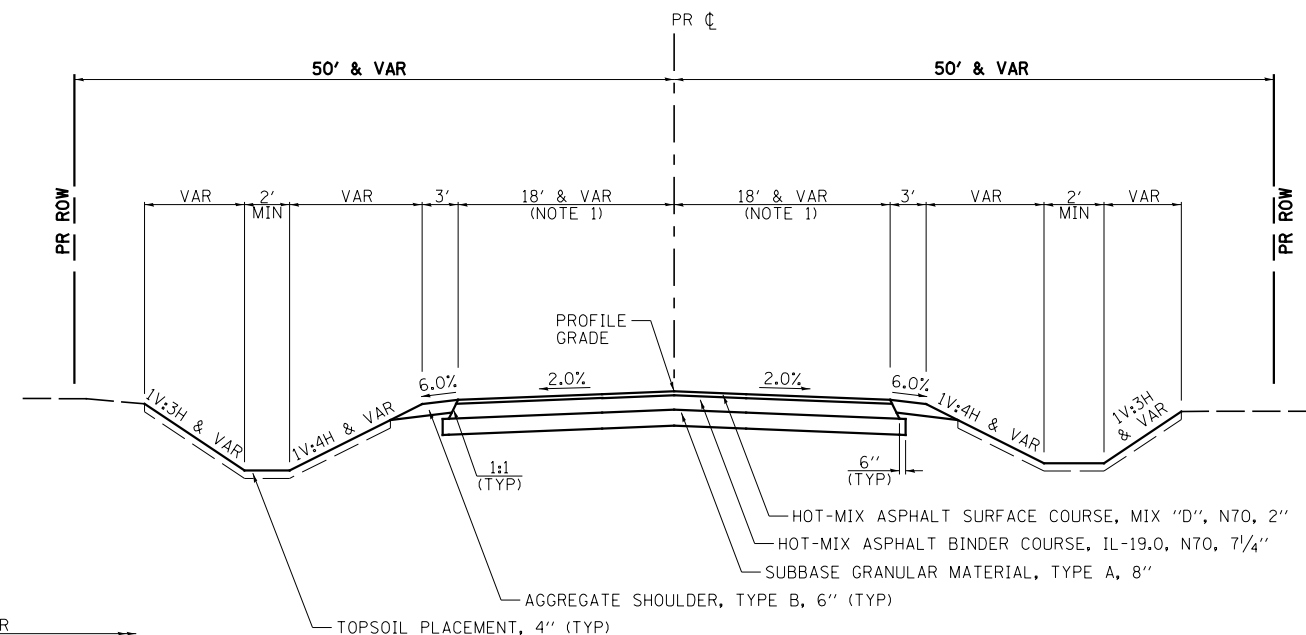


**PROPOSED TYPICAL SECTION
GRANVILLE RD.**

STA 100+52 TO STA 103+70
(ALSO SEE PCC PAVEMENT DETAIL.)

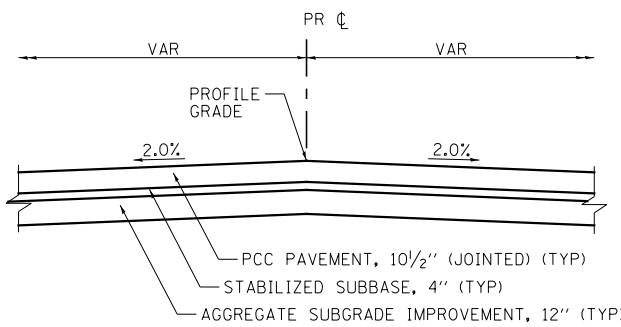
NOTES:

- SEE PLAN & PROFILE SHEETS FOR WIDTHS.
- VARIES FROM 0' @ STA 1604+13 TO 6' @ STA 1605+00
- SUBBASE GRANULAR MATERIAL, TYPE A, 12", LOCATION: STA 201+50 TO STA 207+50
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION REQUIRED AT THIS LOCATION.
- TRANSVERSE UNDERDRAIN SHALL BE INSTALLED AT LOW POINTS OF SUBBASE GRANULAR MATERIAL, TYPE A, 12", LOCATIONS. THE TOP SHALL BE 6" BELOW THE BOTTOM OF THE SUBBASE GRANULAR MATERIAL, TYPE A, 12". SEE SCHEDULES FOR LOCATIONS.
- HMA WIDENING: STA 1604+20 TO STA 1605+00
PROPOSED CURB & GUTTER (RT): STA 1603+02 TO STA 1605+00



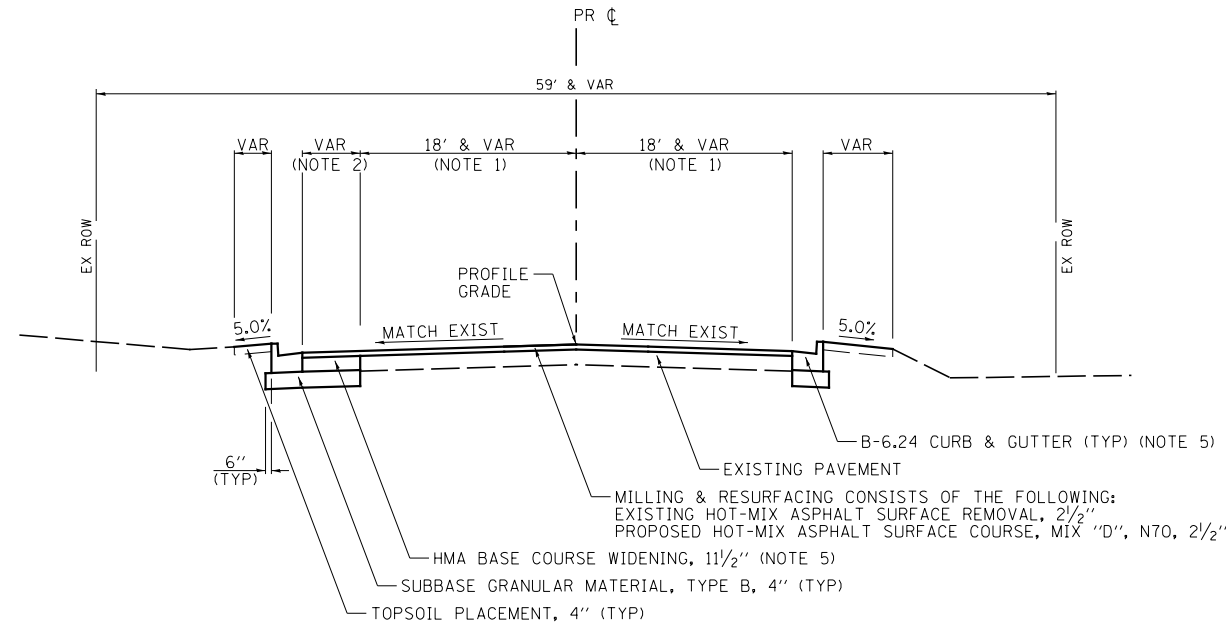
**PROPOSED TYPICAL SECTION
GRANVILLE RD.**

STA 103+70 TO STA 107+21



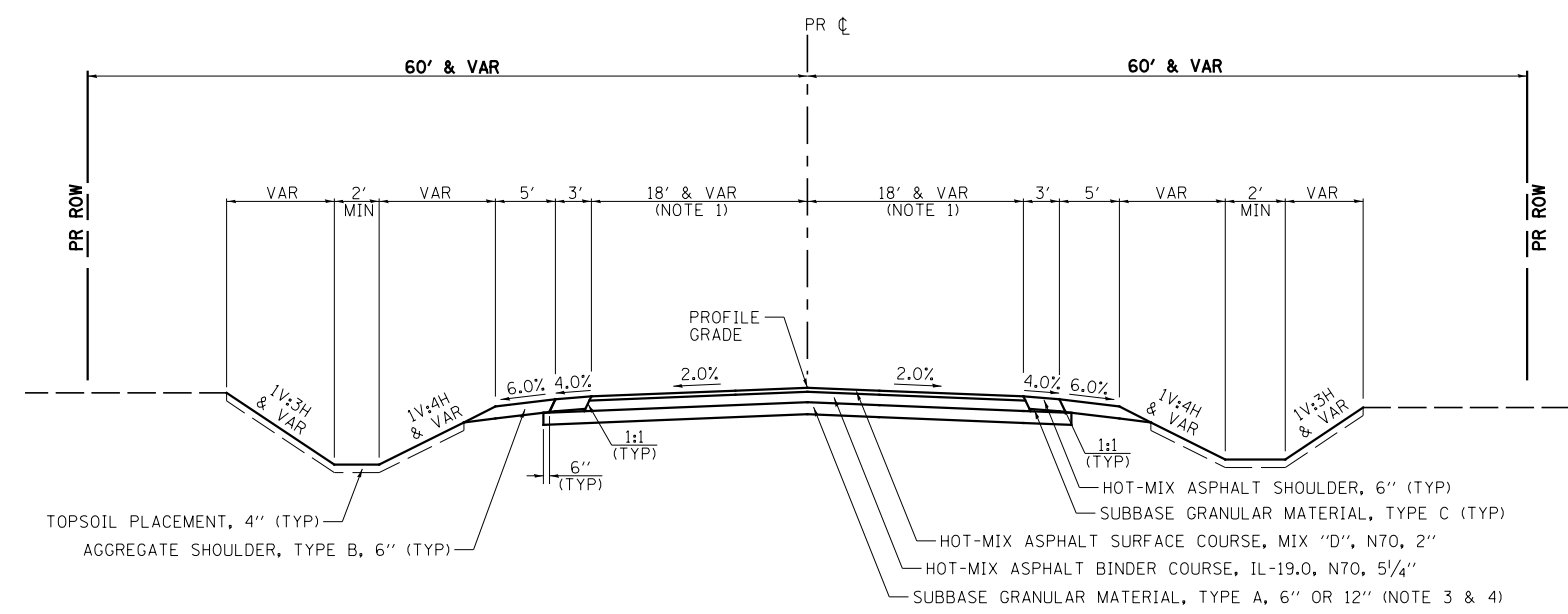
PCC PAVEMENT DETAIL

GRANVILLE RD.: STA 100+52 TO STA 100+98
PROLOGIS PRKWY.: STA 1605+00 TO STA 1605+46
NELSON RD.: STA 208+12 TO STA 208+48



**PROPOSED TYPICAL SECTION
PROLOGIS PRKWY.**

STA 1603+48.79 TO STA 1605+46
(ALSO SEE PCC PAVEMENT DETAIL.)



**PROPOSED TYPICAL SECTION
NELSON RD.**

STA 200+48.75 TO STA 208+12
(ALSO SEE PCC PAVEMENT DETAIL.)

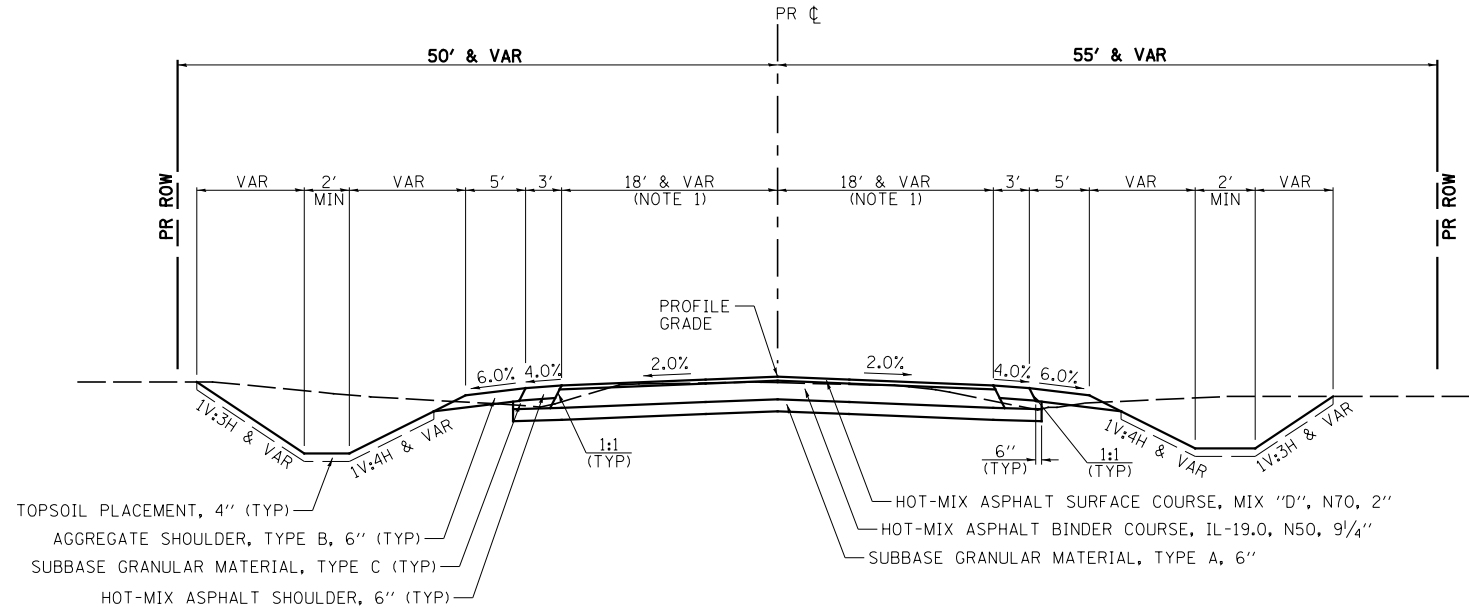
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	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GRANVILLE RD., PROLOGIS PRKWY. & NELSON RD.
PROPOSED TYPICAL SECTIONS**

SCALE: N/A SHEET NO. 5 OF 6 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	38
CONTRACT NO. 66883				
ILLINOIS FED. AID PROJECT				

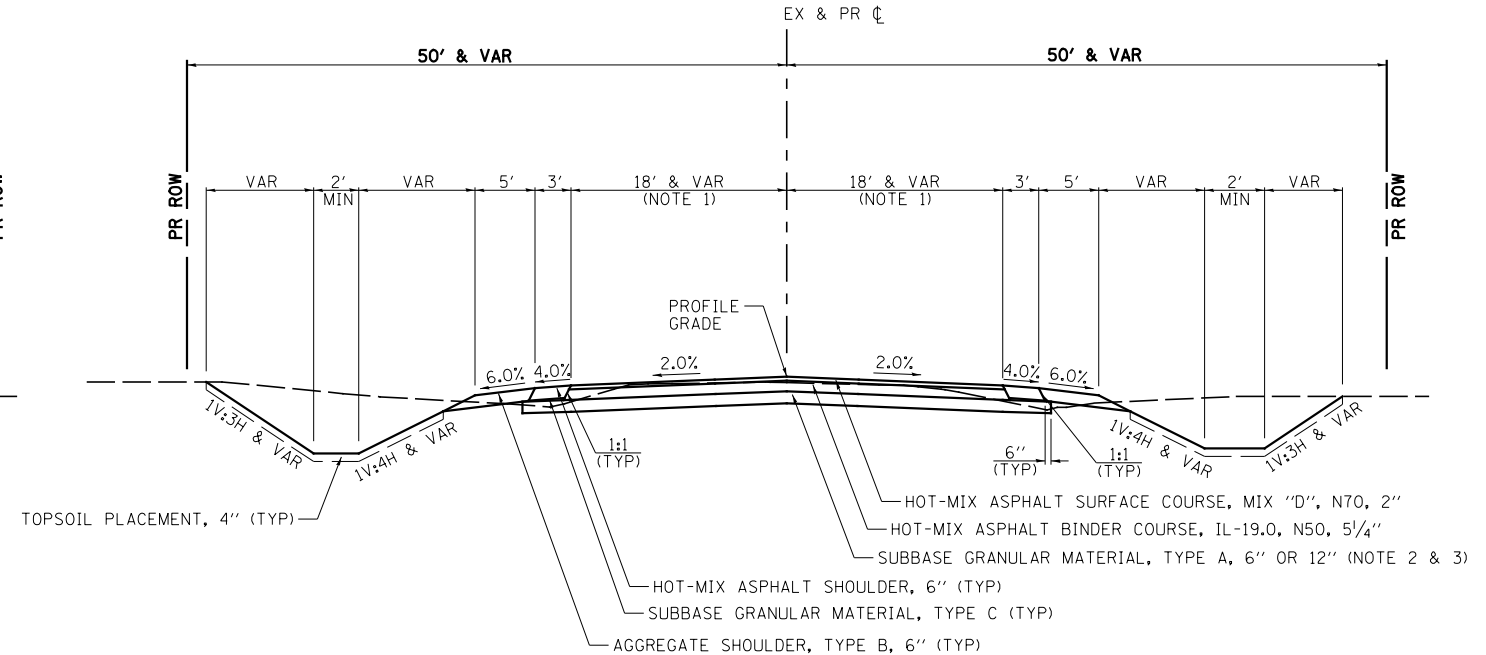


PROPOSED TYPICAL SECTION
AIRPORT RD.

STA 300+00 TO STA 308+95
(ALSO SEE PCC PAVEMENT DETAIL.)

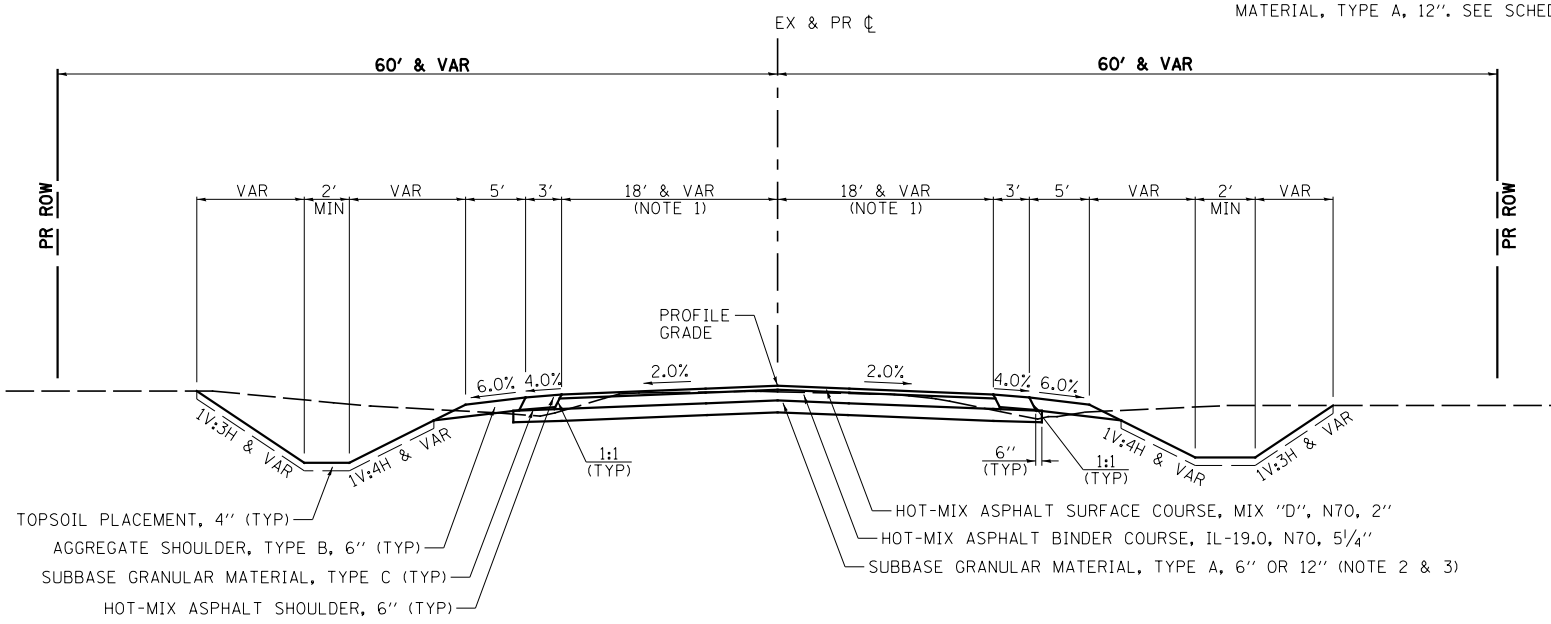
NOTES:

- SEE PLAN & PROFILE SHEETS FOR WIDTHS.
- SUBBASE GRANULAR MATERIAL, TYPE A, 12", LOCATIONS:
STA 411+00 TO STA 415+00
STA 510+00 TO STA 515+25
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION REQUIRED AT THESE LOCATIONS.
- TRANSVERSE UNDERDRAIN SHALL BE INSTALLED AT LOW POINTS OF SUBBASE GRANULAR MATERIAL, TYPE A, 12", LOCATIONS. THE TOP SHALL BE 6" BELOW THE BOTTOM OF THE SUBBASE GRANULAR MATERIAL, TYPE A, 12". SEE SCHEDULES FOR LOCATIONS.



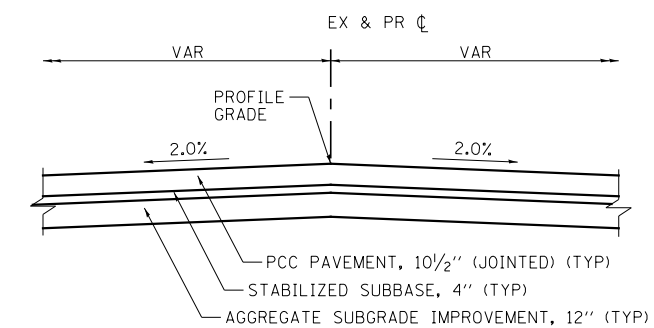
PROPOSED TYPICAL SECTION
MINOOKA RD.

STA 403+58 TO STA 408+59
STA 409+39 TO STA 416+53
(ALSO SEE PCC PAVEMENT DETAIL.)



PROPOSED TYPICAL SECTION
SHERRILL RD.

STA 500+88 TO STA 508+59
STA 509+39 TO STA 516+08
(ALSO SEE PCC PAVEMENT DETAIL.)



PCC PAVEMENT DETAIL

AIRPORT RD.: STA 308+59 TO STA 308+95
MINOOKA RD. : STA 408+09 TO STA 408+59
STA 409+39 TO STA 409+88
SHERRILL RD.: STA 508+09 TO STA 508+59
STA 509+39 TO STA 509+91

FILE NAME = V:\3195\66883 (South Section)\CADD Sheets\0366883-sht-typical-6.dgn	USER NAME = bdecreene	DESIGNED - LDZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	AIRPORT RD., MINOOKA RD. & SHERRILL RD. PROPOSED TYPICAL SECTIONS			F.A.P. RTE. 326	SECTION (110)R, BR & BR-1	COUNTY GRUNDY	TOTAL SHEETS 644	SHEET NO. 39
PLOT SCALE = 16.000' / in.	CHECKED - DJD	DATE - 7/15/2013	REVISED -		SCALE: N/A	SHEET NO. 6 OF 6 SHEETS	STA. N/A TO STA. N/A	CONTRACT NO. 66883				
PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

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45	TEMPORARY DITCH CHECKS FOR STAGING PERIMETER EROSION BARRIER INLET AND PIPE PROTECTION
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94	TEMPORARY PAVEMENT MARKING- STAGING

EARTHWORK								
1	2	3	4	5	6	7	8	
LOCATION	EARTH EXCAVATION	ROCK EXCAVATION	UNSUITABLE OR UNSTABLE MATERIAL	SUITABLE EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH BALANCE WASTE(+) OR SHORTAGE(-)	TOPSOIL EXCAVATION & PLACEMENT	
STATION TO STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	
URBAN GRUNDY								
STAGE 1								
IL 47								
6032+87 TO 6105+96	2910		728	1637	1362	275		
PROLOGIS PRKWY.								
1603+02 TO 1604+93	185		46	104	18	86		
STAGE 2								
IL 47								
6029+00 TO 6112+56	24560		15403	6868	24033	-17165	3037	
GRANVILLE RD.								
100+52 TO 107+21	2176		309	1401	56	1345	314	
STAGE 3								
IL 47								
6027+00 TO 6205+20	50413		38030	9287	126640	-117353	7228	
PROLOGIS PRKWY.								
1604+20 TO 1605+50	46		10	27		27	2	
NELSON RD.								
200+49 TO 208+48	1900		1672	171	490	-319	382	
AIRPORT RD.								
300+00 TO 308+95	1747		228	1139	310	829	278	
MINOOKA RD.								
403+58 TO 408+59	476		1	357	380	-23	158	
STAGE 3A								
PROLOGIS PRKWY.								
1605+00 TO 1605+50	28		7	16		16		
STAGE 3B								
PROLOGIS PRKWY.								
1603+02 TO 1605+50	4		-19	-11	84	-95	26	
STAGE 4								
IL 47								
6100+00 TO 6205+20	17689		1349	12255	66391	-54136	7584	
MINOOKA RD.								
409+38 TO 416+53	1356		955	301	740	-439	345	
URBAN GRUNDY SUB-TOTAL								
	103490		58718	33551	220504	-186953	19354	
RURAL GRUNDY								
STAGE 3								
IL 47								
6205+20 TO 6257+48	24557		18550	4506	35565	-31059	2328	
SHERRILL RD.								
500+88 TO 508+59	460		-191	202	2810	-2608	408	
STAGE 4								
IL 47								
6205+20 TO 6257+48	7852		-1665	4640	38446	-33806	4837	
SHERRILL RD.								
509+39 TO 516+08	1864		1447	313	1748	-1435	287	
RURAL GRUNDY SUB-TOTAL								
	34733		18141	9661	78569	-68908	7860	
RURAL KENDALL								
STAGE 1								
IL 47								
6282+03 TO 6292+78	409		102	230	248	-18		
STAGE 3								
IL 47								
6257+48 TO 6277+00	14587	570	7822	5644	22776	-17132	1985	
SB CONNECTOR								
22+00 TO 37+09	2561		1464	823	1865	-1042	390	

EARTHWORK								
1	2	3	4	5	6	7	8	
LOCATION	EARTH EXCAVATION	ROCK EXCAVATION	UNSUITABLE OR UNSTABLE MATERIAL	SUITABLE EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH BALANCE WASTE(+) OR SHORTAGE(-)	TOPSOIL EXCAVATION & PLACEMENT	
STATION TO STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	
STAGE 4								
IL 47								
6257+48 TO 6266+00	1370		-204	874	6059	-5185	729	
RURAL KENDALL								
	18927	570	9184	7571	30948	-23377	3104	
TOTAL								
	157150	570	86043	50783	330021	-279238	30318	

USE PAY ITEM TOTALS BELOW

INFORMATION:

SHRINKAGE FACTORS: EARTH EXCAVATION: 25%
ROCK EXCAVATION 0%

UC = UNDERCUT (FROM CROSS-SECTIONS)
C = CUT (FROM CROSS-SECTIONS)
TSE = TOPSOIL STRIPPING & EARTH EXCAVATION
TSP = TOPSOIL EXCAVATION & PLACEMENT (COLUMN 8)

COLUMN 1 - LOCATION FROM PLANS
COLUMN 2 - CUT QUANTITIES FROM CROSS SECTIONS (C + TSE + UC) MINUS TOPSOIL EXCAVATION & PLACEMENT (TSP)
COLUMN 3 - QUANTITIES FROM CROSS SECTIONS
COLUMN 4 - CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT
= UNDERCUT (UC) + [CUT (C) X 25%] + [TOPSOIL STRIPPING & EARTH EXCAVATION (TSE) - TOPSOIL EXCAVATION & PLACEMENT (TSP)]
COLUMN 5 - = [(COLUMN 2 - COLUMN 4) X (1-EARTH EXCAVATION SHRINKAGE FACTOR)] + COLUMN 3 X (1-ROCK EXCAVATION SHRINKAGE FACTOR)]
COLUMN 6 - QUANTITIES FROM CROSS SECTIONS
COLUMN 7 - = COLUMN 5 - COLUMN 6
COLUMN 8 - QUANTITIES FROM CROSS SECTIONS, THESE QUANTITIES ARE NOT INCLUDED IN EARTH EXCAVATION OR EMBANKMENT

PAY ITEMS:

COLUMN #2 IS EARTH EXCAVATION = 157150CU YD
COLUMN #3 IS ROCK EXCAVATION = 570CU YD
COLUMN #4 IS REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL = 86043CU YD
COLUMN #7 IS FURNISHED EXCAVATION = 279238CU YD
COLUMN #8 IS TOPSOIL EXCAVATION & PLACEMENT = 30318CU YD

NOTES:

- THE TOP 12 INCHES OF THE EXISTING SOILS WITHIN THE LIMITS OF THE PROPOSED PAVEMENT SHALL BE REMOVED (TSE) AS SHOWN IN THE CROSS SECTIONS. THIS WORK SHALL BE PAID FOR AS EARTH EXCAVATION, OR IF USED FOR TOPSOIL PURPOSES, TOPSOIL EXCAVATION AND PLACEMENT (TSP).
- ALL SOILS SHALL BE TESTED BEFORE BEING INCORPORATED INTO THE NEW EMBANKMENT. THE ENGINEER RESERVES THE RIGHT TO RE-CLASSIFY ANY OF THE UNSUITABLE MATERIAL AND USE IT AS EMBANKMENT MATERIAL FOR SIDESLOPES OR IN SOD COVERED RAISED MEDIANS.
- THE EXISTING SUBGRADE SOILS MAY BE PRONE TO SWELLING UPON WETTING. THEREFORE, AT LOCATIONS WHERE NEW EMBANKMENT FILL HEIGHT IS GREATER THAN 2 FEET AND LESS THAN 8 FEET, THE TOP 6 INCHES OF SUBGRADE SOILS SHOULD BE DISKED, DRIED, AND RECOMPACTED BETWEEN +2% AND +4% OF THE OPTIMUM MOISTURE CONTENT AND BETWEEN 90% AND 95% OF THE STANDARD DRY DENSITY.
- BASED ON SOIL BORINGS, 25% OF THE EXCAVATED SOILS (BELOW THE 12" TSE) THROUGHOUT THE PROJECT AREA ARE EXPECTED TO HAVE HIGH PLASTICITY (LL AND PI) AND MAY BE PRONE TO SWELLING UPON WETTING. THESE SOILS ARE ASSUMED TO BE UNSUITABLE MATERIAL FOR EMBANKMENT AND SHOULD NOT BE USED AS EMBANKMENT FILL UNLESS THEY HAVE LL LESS THAN 50%, PI BETWEEN 12% AND 20%, A MAXIMUM DRY DENSITY GREATER THAN 90 PCF, AND ORGANIC CONTENT LESS THAN 10%.

TEMPORARY EROSION CONTROL SEEDING								
STATION +/- TO STATION +/-	SIDE	SEEDING CLASS 7 ACRES	POUNDS PER APPLICATION PER ACRE	NUMBER OF APPLICATIONS	TOTAL POUND	MULCH, METHOD 2 ACRE		
URBAN GRUNDY								
6027+00.00 TO 6205+17.00	LT & RT	39.27	100	1	3927	39.27		
STAGE 1								
6038+00.00 TO 6104+00.00	LT	0.80	100	1	80	0.80		
STAGE 3								
6105+00.00 TO 6205+00.00	RT	3.10	100	1	310	3.10		
URBAN GRUNDY SUB-TOTAL					4317	43.25		
RURAL GRUNDY								
6205+17.00 TO 6257+48.00	LT & RT	16.44	100	1	1644	16.44		
STAGE 3								
6206+00.00 TO 6257+47.00	RT	1.50	100	1	150	1.50		
RURAL GRUNDY SUB-TOTAL					1794	18.00		
RURAL KENDALL								
6257+48.00 TO 6277+00.00	LT & RT	8.65	100	1	865	8.65		
STAGE 3								
6258+00.00 TO 6265+00.00	RT	0.20	100	1	20	0.20		
RURAL KENDALL SUB-TOTAL					885	8.75		
TOTAL					6996	70.00		

MULCH METHOD 2 IS USED FOR TEMPORARY MULCHING

PAVEMENT																				
LOCATION		GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	AGGREGATE SUBGRADE IMPROVEMENT 12"	AGGREGATE SUBGRADE IMPROVEMENT 18"	SUBBASE GRANULAR MATERIAL, TYPE C	STABILIZED SUBBASE, 4"	BITUMINOUS MATERIALS (PRIME COAT) 0.375 LBS / SQ FT	BITUMINOUS MATERIALS (PRIME COAT) 0.10 LBS / SQ FT	LEVELING BINDER (MACHINE METHOD), N90	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	PCC PAVEMENT 10 1/2" (JOINTED)	PAVEMENT FABRIC	PROTECTIVE COAT	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	AGGREGATE SHOULDERS, TYPE B	PORTLAND CEMENT CONCRETE SHOULDERS 8"	WHITEWASHING FOR CONCRETE PAVEMENT	HOTMIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	
STATION	TO	STATION	SQ YD	SQ YD	SQ YD	TON	SQ YD	POUND	POUND	TON	TON	TON	SQ YD	SQ YD	SQ YD	SQ YD	TON	SQ YD	SQ YD	SQ YD
URBAN GRUNDY																				
IL 47																				
6029+00.00	TO	6045+51.00	11593	7087	11593	1194	14919						13211	40	16220			3009	14919	
6045+51.00	TO	6061+51.08	4950	13154	4950	2972	14477						12637		15600			2963	14477	
6061+51.08	TO	6098+47.71	6321	33187	6321	4251	28432						25038		34137			9100	28432	
6098+47.71	TO	6117+59.58	6077	12929	6077	3546	12946						10693		15942	267	16	4982	12946	
6117+59.58	TO	6119+20.42	(BRIDGE OMISSION)																	
6119+20.42	TO	6151+62.25		34613		5267	24297						20980		29801	267	65	8554	24297	
6151+62.25	TO	6185+17.44	5750	28917	5750	5304	24043						20355		29453	267	16	8831	24043	
6185+17.44	TO	6186+70.56	(BRIDGE OMISSION)																	
6186+70.56	TO	6205+16.97		16649		1368	11997						10531		14016	267	526	3219	11997	
GRANVILLE RD.																				
100+52.00	TO	100+98.00		357			358						360		360					358
PROLOGIS PRKWY.																				
1605+00.00	TO	1605+46.00		424			424						428		428					424
NELSON RD.																				
208+12.00	TO	208+48.00		257			258						471		471					258
AIRPORT RD.																				
308+59.00	TO	308+95.00		255			256						467		467					256
MINOOKA RD.																				
408+09.00	TO	408+59.00		331			398						398		604			205	398	
409+39.00	TO	409+88.00		321			391						394		591			197	391	
URBAN GRUNDY SUB-TOTAL			34690	148480	34690	23901	133197						115963	40	158090	1067	623	41060	133197	
RURAL GRUNDY																				
IL 47																				
6205+16.97	TO	6257+48.41		49498		3894	37003						33630		48512		1459	14881	37003	
SHERRILL RD.																				
508+08.92	TO	508+50.99		334			406						405		606			202	406	
509+49.00	TO	509+90.80		333			403						403		606			203	403	
RURAL GRUNDY SUB-TOTAL				50165		3894	37812						34438		49724		1459	15285	37812	
RURAL KENDALL																				
IL 47																				
6257+48.41	TO	6277+00.00		12119		660	8802						7978		10445		228	2468	8802	
SOUTHBOUND CONNECTOR																				
10+00.00	TO	37+09.00		9074			24613	7569	87	3564	942						559			1469
NORTHBOUND CONNECTOR																				
50+00.00	TO	65+52.00		2076			6429	1621		931	202						294			
RURAL KENDALL SUB-TOTAL				23269		660	8802	31041	9190	87	4495	1144	7978		10445		1082	2468	8802	1469
TOTAL			34690	221914	34690	28455	179811	40231		87	4495	1144	158379	40	218259	1067	3164	58813	179811	1469

ENTRANCES											ENTRANCES										
LOCATION			AGGREGATE BASE COURSE, TYPE B, 4"	AGGREGATE BASE COURSE, TYPE B, 6"	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT MIX ASPHALT SURFACING	PROTECTIVE COAT	PCC DRIVEWAY PAVEMENT 6"	PCC DRIVEWAY PAVEMENT 8"	LOCATION	AGGREGATE BASE COURSE, TYPE B, 4"	AGGREGATE BASE COURSE, TYPE B, 6"	AGGREGATE SURFACE COURSE, TYPE B	BITUMINOUS MATERIALS (PRIME COAT)	INCIDENTAL HOT MIX ASPHALT SURFACING	PROTECTIVE COAT	PCC DRIVEWAY PAVEMENT 6"	PCC DRIVEWAY PAVEMENT 8"		
STATION	SIDE	TYPE	SQ YD	SQ YD	TON	POUND	TON	SQ YD	SQ YD	SQ YD	STATION	SIDE	TYPE	SQ YD	SQ YD	TON	POUND	TON	SQ YD	SQ YD	SQ YD
URBAN GRUNDY											MINOOKA RD.										
IL 47											IL 47										
6032+23.46	LT	FE						122		122	406+80.24	LT	FE		65	17	219	7			
6034+25.56	LT	PE						52	52		406+80.33	RT	FE		65	17	219	7			
6035+76.00	LT	PE						130		130	411+01.47	LT	PE								
6040+40.23	RT	FE			14			150		150	414+50.00	RT	FE		65	22	219	7			
6040+55.41	LT	CE		161		545	18	100		100	URBAN GRUNDY SUB-TOTAL										
6045+48.69	LT	CE		255		862	29	85		85				900	701	3039	101	4665	52	4616	
6047+40.03	RT	PE						106		106	RURAL GRUNDY										
6047+94.35	LT	CE		13		44	1	273		273	IL 47										
6058+78.84	LT	PE						66		66	6207+72.96	LT	FE			52				65	65
6059+35.12	LT	FE			13			106		106	6214+82.93	RT	FE			72				65	65
6061+50.00	RT	FE						173		173	6216+56.96	RT	PE			36				15	15
6072+52.28	RT	CE			74			250		250	6228+65.53	RT	PE			57				18	18
6075+50.30	RT	CE		145		490	16	118		118	6229+50.16	LT	FE			66				65	65
6082+56.93	RT	CE						118		118	6231+51.07	RT	FE			75				65	65
6086+57.95	RT	FE						106		106	6233+53.20	LT	PE			56				27	27
6088+28.95	LT	PE						76		76	6237+25.97	RT	PE			69				24	24
6103+51.60	RT	CE						79		79	6240+60.26	RT	FE			70				65	65
6111+06.31	RT	CE						121		121	6244+69.42	RT	FE			74				65	65
6111+31.05	LT	FE						119		119	6249+57.92	RT	PE		256		864	29		83	83
6112+95.44	RT	FE						159		159	6252+87.21	RT	CE							315	315
6114+69.71	LT	FE			96			119		119	6253+95.77	RT	PE			40				15	15
6125+01.18	LT	FE			18			199		199	6255+30.13	RT	PE	130	130		437	15		19	19
6125+35.40	RT	FE						151		151	SHERRILL RD.										
6138+40.10	LT	FE			68			106		106	502+99.99	RT	FE		65	30	221	7			
6142+59.09	LT	PE						39		39	510+37.39	LT	PE		1194		4,028	134			
6143+89.18	LT	PE						39		39	511+39.66	RT	PE		65	17	219	7			
6144+97.46	RT	CE						122		122	513+89.68	RT	PE	24		35	81	3			
6151+62.25	RT	CE						138		138	514+53.36	RT	FE		65	23	219	7			
6153+34.00	LT	CE			9			66		66	RURAL GRUNDY SUB-TOTAL										
6157+29.20	RT	FE			25			30		30				154	1775	773	6,070	201	906	34	871
6171+41.28	LT	FE						79		79	RURAL KENDALL										
6173+99.26	RT	FE						177		177	IL 47										
6175+78.10	RT	PE						100		100	6270+00.00	LT	FE			65					
6176+81.99	RT	PE						100		100	6284+26.20	LT	FE			92					
6178+90.57	RT	FE						227		227	6284+28.31	RT	FE			62					
6184+09.85	LT	PE			62			193		193	RURAL KENDALL SUB-TOTAL										
6187+32.25	RT	PE			110			24		24					218						
6203+28.07	RT	FE			85			65		65	TOTAL										
GRANVILLE RD.					18			65		65				154	2675	1692	9,109	302	5571	86	5487
PROLOGIS PRKWY.																					
1604+26.03			LT	CE				33		33											
AIRPORT RD.																					
303+00.00			LT	FE	66	24	221	7													
307+11.90			RT	FE	65	17	219	7													
307+26.80			LT	CE		8		84		84											

REMOVAL OF EXISTING STRUCTURES												
STATION +/-	LOCATION	SIZE & TYPE	LENGTH FOOT	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE
				NO. 1 EACH	NO. 2 EACH	NO. 3 EACH	NO. 4 EACH	NO. 5 EACH	NO. 6 EACH	NO. 7 EACH	NO. 8 EACH	NO. 9 EACH
URBAN GRUNDY												
IL 47												
6039+06.52	X-RD	4' X3' BOX	81			1						
6071+94.84	X-RD	4' X6' BOX	71					1				
6098+23.93	X-RD	4' X6' BOX	80						1			
6118+40.00	X-RD	SN 032-0089	160	1								
6180+67.00	X-RD	2' X3' BOX	115						1			
6185+94.00	X-RD	SN 032-0088	153		1							
URBAN GRUNDY SUB-TOTAL				1	1	1	1	1	1			
RURAL GRUNDY												
IL 47												
6210+35.00	X-RD	2' x3' BOX	66							1		
6222+85.00	X-RD	2' x3' BOX	60								1	
6247+96.29	X-RD	4' X10' BOX	76									1
RURAL GRUNDY SUB-TOTAL									1	1	1	
TOTAL				1	1	1	1	1	1	1	1	1

PAVED SHOULDER REMOVAL				
LOCATION				AREA
STATION	TO	STATION	SIDE	SQ YD
URBAN GRUNDY				
IL 47				
6029+09.53	TO	6060+34.28	LT	1046
6029+09.60	TO	6044+13.25	RT	503
6047+18.47	TO	6118+24.71	RT	3027
6062+24.09	TO	6098+30.00	LT	1502
6099+33.04	TO	6117+91.38	LT	953
6118+81.52	TO	6150+75.45	LT	1588
6119+28.11	TO	6184+84.86	RT	3207
6152+48.43	TO	6185+19.16	LT	1583
6185+69.55	TO	6203+83.57	RT	967
6186+07.14	TO	6203+84.87	LT	954
URBAN GRUNDY SUB-TOTAL				15330
RURAL GRUNDY				
IL 47				
6205+54.16	TO	6256+61.16	LT	2298
6205+67.74	TO	6256+63.70	RT	2273
RURAL GRUNDY SUB-TOTAL				4571
RURAL KENDALL				
IL 47				
6258+32.43	TO	6261+49.69	LT	146
6258+32.43	TO	6261+49.92	RT	141
6274+00.00	TO	6292+00.10	LT	798
6274+00.00	TO	6292+78.00	RT	835
RURAL KENDALL SUB-TOTAL				1920
TOTAL				21821

STORM SEWER REMOVAL							
STATION +/-	TO	STATION +/-	OFFSET	12" RCCP	18" RCCP	24" RCCP	TRENCH BACKFILL
				FOOT	FOOT	FOOT	CU YD
URBAN GRUNDY							
IL 47							
6044+84.7	TO	6045+71.0	46.0' RT		86		15
6045+71.0	TO	6045+85.4	57.0' RT		24		4
6060+62.0	TO	6062+27.8	50.0' LT		166		15
6062+27.8	TO	6062+53.1	50.0' LT			25	7
6178+57.8	TO	6179+12.4	105.0' RT		55		
PROLOGIS PRKWAY.							
1604+00.4	TO	1605+36.9	32.3' LT	77			9
1605+15.1	TO	1605+51.1	71.5' LT	38			4
1605+36.3	TO	1605+36.3	X-RD	60			9
NELSON RD.							
208+10.2	TO	208+68.5	26.7' RT		79		4
TOTAL				175	410	25	67

NOTE: END SECTION REMOVAL WILL BE INCLUDED IN THE COST OF STORM SEWER REMOVAL.

PIPE CULVERT REMOVAL					
LOCATION STATION	SIDE	OFFSET +/- FOOT	SIZE	TYPE	LENGTH
					FOOT
URBAN GRUNDY					
IL 47					
6032+14.50	LT	35	15	CMP	28
6034+27.70	LT	34	15	CMP	18
6040+39.50	RT	45	24	CMP	40
6040+82.50	LT	42	18X33	ERCP	102
6045+51.00	LT	48	18	RCP	63
6046+96.60	RT	47.6	24	RCP	173
6059+35.20	LT	36.5	12	RCP	28
6072+76.00	RT	46.5	24	CMP	40
6075+51.50	RT	37	18	CMP	40
6082+58.40	RT	35	15	CMP	38
6098+50.00	LT	30	15	CMP	56
6102+37.40	RT	33	15	CMP	44
6111+08.70	RT	63	15	CMP	42
6114+75.00	LT	7	15	CMP	30
6124+81.78	LT	6	18	CMP	50
6125+13.80	RT	84	18	CMP	78
6138+42.70	LT	10	15	CMP	36
6141+82.40	LT	10	15	CMP	36
6142+57.90	LT	6	15	CMP	24
6144+00.00	LT	5	15	CMP	20
6145+00.00	RT	61	24X17	ERCP	88
6153+30.40	LT	8	15	CMP	36
6157+32.60	RT	55	15	CMP	32
6165+17.00	X-RD	N/A	30X20	ERCP	70
6171+40.00	RT	28	18	RCP	44
6183+54.90	RT	14	15	CMP	96
6187+30.90	RT	123	24	CMP	82
AIRPORT RD.					
302+28.62	LT	19.8	15	CMP	19
302+88.78	X-RD	N/A	18	CMP	38
MINOOKA RD.					
406+81.95	LT	17	12	CMP	23
408+88.21	RT	26	24	CMP	40
411+12.26	LT	18	10	CMP	63
411+51.55	X-RD	N/A	15	CMP	31
URBAN GRUNDY SUB-TOTAL					1648
RURAL GRUNDY					
IL 47					
6205+29.10	RT	103	15	CMP	30
6207+61.4	RT	38	15	CMP	32
6214+88.0	RT	100	15	CMP	48
6228+64.9	RT	104	15	CMP	40
6229+51.10	RT	39	15	CMP	42
6231+49.60	RT	103	15	CMP	36
6240+61.5	RT	102	15	CMP	36
6244+60.2	RT	105	15	CMP	36
6250+18.7	RT	104	15	CMP	48
6252+87.9	RT	104	15	CMP	50
6253+95.0	RT	100	15	CMP	36
6257+00.0	X-RD	N/A	30X42	RCP	62
SHERRILL RD.					
505+46.70	X-RD	N/A	36X8	CMP	42
509+43.40	X-RD	N/A	24	RCP	71
510+57.92	X-RD	N/A	45X29	ERCP	37
511+48.82	RT	25	15	CMP	40
513+87.30	RT	24	15	CMP	30
514+53.65	RT	24	15	CMP	30
RURAL GRUNDY SUB-TOTAL					746
RURAL KENDALL					
IL 47					
6282+88.83	X-RD	N/A	18x30	RCP	63
6284+15.71	RT	132	15	CMP	42
RURAL KENDALL SUB-TOTAL					105
TOTAL					2499

OFFSETS ARE FROM PROPOSED CL

PIPE CULVERTS																
LOCATION		PIPE CULVERT														
		TYPE 1														
		CLASS A 15"	CLASS A 24"	CLASS A 36"	CLASS A 42"	CLASS A EQRS 27"	CLASS A EQRS 30"	CLASS A EQRS 48"	CLASS D 15"	CLASS D 18"	CLASS D 21"	CLASS D 24"	CLASS D 30"	CLASS D 36"	CLASS D EQRS 18"	
STATION	SIDE	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
URBAN GRUNDY																
IL 47																
6034+25.6	LT													36		
6059+35.2	LT													42		
6112+96.0	RT													54		
6125+35.5	RT														55	
6144+97.7	RT													44		
6157+29.6	RT															
6184+09.1	LT														100	
6187+41.0	RT															
6203+27.5	RT													65		
NELSON RD.																
207+00.0	X-RD													64		
207+00.0	X-RD													64		
207+00.0	X-RD													64		
AIRPORT RD.																
303+00.0	LT													35		
MINOOKA RD.																
406+80.3	RT													44		
406+84.2	LT													42		
411+51.5	X-RD			60												
URBAN GRUNDY SUB-TOTAL			60				192				297	65		164	100	27
RURAL GRUNDY																
IL 47																
6207+73.0	LT													58		
6210+58.0	X-RD			120										51		
6214+82.9	RT															
6222+00.0	X-RD			136												
6222+00.0	X-RD			136												
6228+65.6	RT													62		
6229+50.2	LT													47		
6231+51.1	RT													69		
6240+60.3	RT													50		
6244+69.4	RT													56		
6249+57.9	RT													100		
6252+87.2	RT													93		
6253+95.8	RT													71		
6255+30.1	RT													75		
6256+50.0	X-RD					121										
6256+50.0	X-RD					121										
6256+50.0	X-RD					121										
SHERRILL RD.																
503+00.0	RT													39		
508+07.6	X-RD													72		
508+07.6	X-RD													72		
508+07.6	X-RD													72		
509+91.8	X-RD					68										
509+91.8	X-RD					68										
509+91.8	X-RD					68										
510+37.4	LT						57									
511+42.1	RT													45		
513+88.5	RT													45		
514+54.3	RT													41		
RURAL GRUNDY SUB-TOTAL				392	567	57		216	391	466	45					
RURAL KENDALL																
IL 47																
6265+00.0	RT													18		
6270+00.0	LT														62	
IL 47 - SOUTHBOUND CONNECTION																
22+00.0	X-RD													68		
29+37.0	LT													32		
IL 47 - NORTHBOUND CONNECTION																
52+00.0	X-RD	49														
RURAL KENDALL SUB-TOTAL		49						100	18					62		
TOTAL		49	60	392	567	249	100	216	706	531	45	164	62	100	27	

SEE NEXT SHEET

PIPE CULVERTS (CONTINUED)

LOCATION		P. R. C. FLARED 15"	P. R. C. FLARED 24"	P. R. C. FLARED EQRS 27"	P. R. C. FLARED EQRS 30"	METAL 15"	METAL 18"	METAL 21"	METAL 24"	METAL 30"	METAL 36"	METAL EQRS 18"	STD 542001 36"	STD 542006 36"	STD 542006 42"	STD 542016 48"	TRAVERSABLE PIPE GRATES	TRENCH BACKFILL
STATION	SIDE	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	FOOT	CU YD
URBAN GRUNDY																		
IL 47																		
6034+25.6	LT					2												3
6059+35.2	LT					2												2
6112+96.0	RT					2												5
6125+35.5	RT								2									9
6144+97.7	RT					2												2
6157+29.6	RT											2						1
6184+09.1	LT										2							28
6187+41.0	RT								2									36
6203+27.5	RT						2											9
NELSON RD.																		
207+00.0	X-RD			2														
207+00.0	X-RD			2														31
207+00.0	X-RD			2														
AIRPORT RD.																		
303+00.0	LT					2												1
MINOOKA RD.																		
406+80.3	RT					2												2
406+84.2	LT					2												3
411+51.5	X-RD		2															5
URBAN GRUNDY SUB-TOTAL			2	6		14	2		4		2	2						137
RURAL GRUNDY																		
IL 47																		
6207+73.0	LT					2												6
6210+58.0	X-RD												2				34	47
6214+82.9	RT					2												5
6222+00.0	X-RD													2			34	163
6222+00.0	X-RD													2			34	
6228+65.6	RT						2											13
6229+50.2	LT					2												4
6231+51.1	RT							2										12
6240+60.3	RT					2												5
6244+69.4	RT									2								7
6249+57.9	RT									2								12
6252+87.2	RT									2								30
6253+95.8	RT					2												12
6255+30.1	RT					2												11
6256+50.0	X-RD													2			77	
6256+50.0	X-RD													2			77	186
6256+50.0	X-RD													2			77	
SHERRILL RD.																		
503+00.0	RT					2												2
508+07.6	X-RD															2	74	
508+07.6	X-RD															2	74	146
508+07.6	X-RD															2	74	
509+91.8	X-RD													2			77	
509+91.8	X-RD													2			77	93
509+91.8	X-RD													2			77	
510+37.4	LT			2														10
511+42.1	RT								2									4
513+88.5	RT								2									4
514+54.3	RT								2									3
RURAL GRUNDY SUB-TOTAL				2		14	14	2					2	4	12	6	786	775
RURAL KENDALL																		
IL 47																		
6265+00.0	RT					1												
6270+00.0	LT									2								11
IL 47 - SOUTHBOUND CONNECTION																		
22+00.0	X-RD				2													6
29+37.0	LT				2													1
IL 47 - NORTHBOUND CONNECTION																		
52+00.0	X-RD	2																5
RURAL KENDALL SUB-TOTAL		2			4	1				2								23
TOTAL		2	2	8	4	29	16	2	4	2	2	2	2	4	12	6	786	935

STORM SEWER

STATION	OFFSET	TYPE	INLETS										MANHOLES														
			TYPE A	TYPE B	TYPE B	TYPE A	TYPE B	TYPE A	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A, 4' DIA.				TYPE A, 5' DIA.				TYPE A, 6' DIA.		TYPE A, 7' DIA.		TYPE A, 8' DIA.
			TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 4 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	WITH MEDIAN INLET (604101)	WITH MEDIAN INLET (604106)	TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, OPEN LID	TYPE 3 FRAME & GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	AUTOMATIC FLAP GATE 15"	TYPE 1 FRAME, CLOSED LID		
EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH			
URBAN GRUNDY																											
IL 47																											
LATERALS STA. 6029+05 TO STA. 6070+75																											
6029+05.00	47.00 LT.	INLET SS				1																					
6029+05.00	64.00 LT.	END SECTION																									
6029+05.00	47.00 RT.	INLET SS				1																					
6029+05.00	63.00 RT.	END SECTION																									
6029+94.00	47.00 LT.	INLET SS				1																					
6029+94.00	63.20 LT.	END SECTION																									
6029+94.00	47.00 RT.	INLET SS								1																	
6029+94.00	62.40 RT.	END SECTION																									
6030+25.00	1.70 RT.	INLET SS	1																								
6030+83.00	47.00 LT.	INLET SS				1																					
6030+83.00	0.53 RT.	M.H. SS												1													
6030+83.00	47.00 RT.	INLET SS								1																	
6030+83.00	63.10 RT.	END SECTION																									
6031+71.00	47.42 LT.	INLET SS				1																					
6031+71.00	47.42 RT.	INLET SS								1																	
6031+71.00	66.00 RT.	END SECTION																									
6032+60.00	61.40 LT.	END SECTION SS																									
6032+60.00	48.16 LT.	INLET SS								1																	
6032+60.00	48.16 RT.	INLET SS								1																	
6032+60.00	66.20 RT.	END SECTION																									
6033+43.00	48.85 LT.	INLET SS				1																					
6033+43.00	61.80 LT.	END SECTION																									
6033+43.00	48.85 RT.	INLET SS				1																					
6033+43.00	64.20 RT.	END SECTION																									
6034+26.00	49.54 RT.	INLET SS				1																					
6034+26.00	64.90 RT.	END SECTION																									
6034+43.00	49.68 LT.	INLET SS				1																					
6034+48.20	66.30 LT.	END SECTION																									
6035+09.00	50.23 RT.	INLET SS				1																					
6035+09.00	65.60 RT.	END SECTION																									
6035+26.00	50.37 LT.	INLET SS				1																					
6035+26.00	62.60 LT.	END SECTION																									
6035+92.00	50.92 RT.	INLET SS				1																					
6035+92.00	66.30 RT.	END SECTION																									
6036+10.00	51.07 LT.	INLET SS				1																					
6036+10.00	64.50 LT.	END SECTION																									
6036+75.00	C.L.	INLET	1																								

SEE NEXT SHEET

STORM SEWER (CONTINUED)

STATION	OFFSET	TYPE	PRECAST REINFORCED CONCRETE FLARED END SECTIONS								TRENCH BACKFILL CU YD	STORM SEWERS, CLASS A												STORM SEWER (WATER MAIN REQUIREMENTS)					PIPE CULVERTS, CLASS D, TYPE 1 15"	METAL END SECTION 15"								
												TYPE 1						TYPE 2																				
			12"	15"	18"	24"	30"	48"				12"	15"	18"	24"	30"	36"	42"	48"	12"	15"	18"	24"	30"	36"	42"	48"	12"			15"	18"	24"	30"	FOOT	FOOT	FOOT	FOOT
EACH	EACH	EACH	EACH	EACH	EACH			FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT				
URBAN GRUNDY																																						
IL 47																																						
LATERALS STA. 6029+05 TO STA. 6070+75																																						
6029+05.00	47.00 LT.	INLET																																				
		SS																																				
6029+05.00	64.00 LT.	END SECTION	1																																			
6029+05.00	47.00 RT.	INLET																																				
		SS																																				
6029+05.00	63.00 RT.	END SECTION	1																																			
6029+94.00	47.00 LT.	INLET																																				
		SS																																				
6029+94.00	63.20 LT.	END SECTION	1																																			
6029+94.00	47.00 RT.	INLET																																				
		SS																																				
6029+94.00	62.40 RT.	END SECTION	1																																			
6030+25.00	1.70 RT.	INLET																																				
		SS																																				
6030+83.00	47.00 LT.	INLET																																				
		SS																																				
6030+83.00	0.53 RT.	M.H.																																				
		SS																																				
6030+83.00	47.00 RT.	INLET																																				
		SS																																				
6030+83.00	63.10 RT.	END SECTION	1																																			
6031+71.00	47.42 LT.	INLET																																				
		SS																																				
6031+71.00	47.42 RT.	INLET																																				
		SS																																				
6031+71.00	66.00 RT.	END SECTION	1																																			
6032+60.00	61.40 LT.	END SECTION		1																																		
		SS																																				
6032+60.00	48.16 LT.	INLET																																				
		SS																																				
6032+60.00	48.16 RT.	INLET																																				
		SS																																				
6032+60.00	66.20 RT.	END SECTION			1																																	
6033+43.00	48.85 LT.	INLET																																				
		SS																																				
6033+43.00	61.80 LT.	END SECTION	1																																			
6033+43.00	48.85 RT.	INLET																																				
		SS																																				
6033+43.00	64.20 RT.	END SECTION	1																																			
6034+26.00	49.54 RT.	INLET																																				
		SS																																				
6034+26.00	64.90 RT.	END SECTION	1																																			
6034+43.00	49.68 LT.	INLET																																				
		SS																																				
6034+48.20	66.30 LT.	END SECTION	1																																			
6035+09.00	50.23 RT.	INLET																																				
		SS																																				
6035+09.00	65.60 RT.	END SECTION	1																																			
6035+26.00	50.37 LT.	INLET																																				
		SS																																				
6035+26.00	62.60 LT.	END SECTION	1																																			
6035+92.00	50.92 RT.	INLET																																				
		SS																																				
6035+92.00	66.30 RT.	END SECTION	1																																			
6036+10.00	51.07 LT.	INLET																																				
		SS																																				
6036+10.00	64.50 LT.	END SECTION	1																																			
6036+75.00	C.L.	INLET																																				

FILE NAME =	USER NAME = bdecreane	DESIGNED - LDZ	REVISED -
V:\3195\66883 (South Section)\CADD Sheets\0366883-sht-schedule-15.dgn		DRAWN - SRH/RMD	REVISED -
SHT.PLAN	PLOT SCALE = 2.000' / in.	CHECKED - DJD	REVISED -
	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL. RTE. 47 SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 15 OF 55 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	54
CONTRACT NO. 66883			ILLINOIS FED. AID PROJECT	

STORM SEWER (CONTINUED)

STATION	OFFSET	TYPE	PRECAST REINFORCED CONCRETE FLARED END SECTIONS									STORM SEWERS, CLASS A												STORM SEWER (WATER MAIN REQUIREMENTS)					PIPE CULVERTS, CLASS D, TYPE 1 15"	METAL END SECTION 15"		
			12"	15"	18"	24"	30"	48"	TRENCH BACKFILL CU YD	TYPE 1						TYPE 2						12"	15"	18"	24"	30"						
										12"	15"	18"	24"	30"	36"	42"	48"	12"	15"	18"	24"						30"	36"			42"	48"
EACH	EACH	EACH	EACH	EACH	EACH	CU YD	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH			
6036+75.00	51.61 RT.	SS INLET								10																						
6036+75.00	67.00 RT.	SS END SECTION	1																													
6037+00.00	51.82 LT.	SS INLET								2	16																					
6037+00.00	66.80 LT.	SS END SECTION	1																													
6038+15.00	52.77 LT.	SS INLET								3																	17					
6038+15.00	69.70 LT.	SS END SECTION	1																													
6038+15.00	52.77 RT.	SS INLET																														
6038+15.00	68.10 RT.	SS END SECTION	1																													
6039+50.00	53.90 RT.	SS INLET																														
6039+50.00	69.30 RT.	SS END SECTION	1																													
6040+95.00	68.00 LT.	SS INLET																														
6040+95.00	56.00 LT.	SS INLET								27																	12					
6040+80.00	2.33 LT.	SS INLET								35																	54					
6040+80.00	54.00 RT.	SS INLET	1																								54					
6040+80.00	77.00 RT.	SS END SECTION			1																						23					
6041+80.00	68.00 LT.	SS INLET																														
6041+80.00	56.00 LT.	SS INLET								27																						
6041+80.00	9.00 LT.	SS INLET								39																						
6041+80.00	54.00 RT.	SS INLET																									60					
6041+80.00	79.80 RT.	SS END SECTION				1																					25					
6042+50.00	68.00 LT.	SS INLET																														
6043+25.00	68.00 LT.	SS INLET									69																					
6043+88.21	68.00 LT.	SS INLET																														
6044+25.00	56.00 LT.	M.H. SS								14																						
6044+25.00	9.00 LT.	M.H. SS								33																						
6044+25.00	56.00 RT.	SS INLET																														
6044+25.00	80.60 RT.	SS END SECTION				1																										
6044+50.00	68.00 LT.	SS INLET																														
6045+20.00	56.00 LT.	SS INLET								1																						
6045+10.00	56.00 LT.	SS INLET								15																						
6044+75.00	9.00 LT.	SS INLET								7																						
6044+65.00	56.00 RT.	SS INLET								5																						
6047+00.00	67.60 LT.	SS INLET																														
6047+00.00	56.00 LT.	M.H. SS								12																						
6047+10.00	9.00 RT.	M.H. SS								11																						
6047+10.00	54.00 RT.	M.H. SS																														

STORM SEWER (CONTINUED)

Main data table with columns: STATION, OFFSET, TYPE, PRECAST REINFORCED CONCRETE FLARED END SECTIONS (12" to 48"), TRENCH BACKFILL (CU YD), STORM SEWERS, CLASS A (TYPE 1: 12" to 48"; TYPE 2: 12" to 48"), STORM SEWER (WATER MAIN REQUIREMENTS) (12" to 30"), PIPE CULVERTS, CLASS D, TYPE 1 15", METAL END SECTION 15".

Metadata table with columns: FILE NAME, USER NAME, DESIGNED, REVISED, DRAWN, CHECKED, DATE, PLOT SCALE, PLOT DATE.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Project information table with columns: SCALE, SHEET 19 OF 55 SHEETS, STA. N/A TO STA. N/A, IL. RTE. 47 SCHEDULE OF QUANTITIES.

Summary table with columns: F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO. 66883, ILLINOIS FED. AID PROJECT.

STORM SEWER

STATION	OFFSET	TYPE	INLETS										MANHOLES													
			TYPE A	TYPE B	TYPE B	TYPE A	TYPE B	TYPE A	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A, 4' DIA.				TYPE A, 5' DIA.				TYPE A, 6' DIA.		TYPE A, 7' DIA.		TYPE A, 8' DIA.	
			TYPE 1 FRAME OPEN LID	TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 4 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	WITH MEDIAN INLET (604101)	WITH MEDIAN INLET (604106)	TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, OPEN LID	TYPE 3 FRAME & GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	AUTOMATIC FLAP GATE 15"	TYPE 1 FRAME, CLOSED LID	
EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH		
6069+45.00	54.00 RT.	SS INLET																								
6069+45.00	72.40 RT.	SS END SECTION																								
6070+75.00	54.00 LT.	INLET																								
6070+75.00	54.00 RT.	SS INLET																								
6070+75.00	73.40 RT.	SS END SECTION																								
TRUNK LINE STA. 6072+28 TO STA. 6089+90																										
6074+95.00	64.00 RT.	SS M.H.																								
6075+95.00	64.00 RT.	SS M.H.																								
6077+10.00	64.00 RT.	SS M.H.																								
6078+00.00	64.00 RT.	SS M.H.																								
6078+85.00	64.00 RT.	SS M.H.																								
6079+95.00	64.00 RT.	SS M.H.																								
6081+00.00	64.00 RT.	SS M.H.																								
6082+20.00	64.00 RT.	SS M.H.																								
6083+25.00	64.00 RT.	SS M.H.																								
6084+30.00	64.00 RT.	SS M.H.																								
6085+35.00	64.00 RT.	SS M.H.																								
6086+25.00	64.00 RT.	SS M.H.																								
6086+90.00	64.00 RT.	SS M.H.																								
6087+50.00	64.00 RT.	SS M.H.																								
6088+55.00	64.00 RT.	SS M.H.																								
6089+90.00	64.00 RT.	SS M.H.																								
LATERALS STA. 6072+28 TO STA. 6089+90																										
6074+60.00	5.50 LT.	INLET																								
6074+95.00	54.00 RT.	SS INLET																								
6074+95.00	54.00 LT.	SS INLET																								
6074+95.00	69.50 LT.	SS END SECTION																								
6075+95.00	54.00 LT.	SS INLET																								
6075+95.00	69.50 LT.	SS END SECTION																								
6075+95.00	54.00 RT.	SS INLET																								
6077+10.00	54.00 LT.	SS INLET																								
6077+10.00	69.50 LT.	SS END SECTION																								
6077+10.00	54.00 RT.	SS INLET																								
6077+85.00	54.00 LT.	SS INLET																								
6078+00.00	54.00 LT.	SS INLET																								
6078+00.00	69.40 LT.	SS END SECTION																								
6077+85.00	54.00 RT.	SS INLET																								

SEE NEXT SHEET

FILE NAME =	USER NAME = bdecreene	DESIGNED - LDZ	REVISED -
V:\3195\66883 (South Section)\CA00 Sheets\0366883-sht-schedule-22.dgn		DRAWN - SRH/RMD	REVISED -
	PLOT SCALE = 2.000' / in.	CHECKED - DJD	REVISED -
SHT.PLAN	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL. RTE. 47 SCHEDULE OF QUANTITIES			
SCALE: N/A	SHEET 22 OF 55 SHEETS	STA. N/A	TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	61
CONTRACT NO. 66883				ILLINOIS FED. AID PROJECT

STORM SEWER

STATION	OFFSET	TYPE	INLETS													MANHOLES														
			TYPE A	TYPE B	TYPE B	TYPE A	TYPE B	TYPE A	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A, 4' DIA.				TYPE A, 5' DIA.			TYPE A, 6' DIA.		TYPE A, 7' DIA.		TYPE A, 8' DIA.				
			TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 4 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	WITH MEDIAN INLET (604101)	WITH MEDIAN INLET (604106)	TYPE 1 FRAME, OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, OPEN LID	TYPE 3 FRAME & GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	AUTOMATIC FLAP GATE 15"	TYPE 1 FRAME, CLOSED LID					
6078+00.00	2.60 RT.	INLET SS																												
6078+00.00	54.00 RT.	M.H. SS																												
6078+85.00	54.00 LT.	INLET SS				1																								
6078+85.00	69.50 LT.	END SECTION																												
6078+85.00	54.00 RT.	INLET SS				1																								
6079+95.00	54.00 LT.	INLET SS				1																								
6079+95.00	69.50 LT.	END SECTION																												
6079+95.00	2.40 LT.	INLET SS								1																				
6079+95.00	54.00 RT.	INLET SS								1																				
6081+00.00	54.00 LT.	INLET SS				1																								
6081+00.00	68.60 LT.	END SECTION																												
6081+00.00	54.00 RT.	INLET SS				1																								
6082+20.00	54.00 LT.	INLET SS				1																								
6082+20.00	67.70 LT.	END SECTION																												
6082+20.00	54.00 RT.	INLET SS				1																								
6083+25.00	54.00 LT.	INLET SS				1																								
6083+25.00	66.80 LT.	END SECTION																												
6083+55.00	5.50 RT.	INLET SS								1																				
6083+25.00	54.00 RT.	INLET SS								1																				
6084+30.00	54.00 LT.	INLET SS				1																								
6084+30.00	66.00 LT.	END SECTION																												
6084+30.00	54.00 RT.	INLET SS				1																								
6085+35.00	54.00 LT.	INLET SS				1																								
6085+35.00	65.20 LT.	END SECTION																												
6085+35.00	5.50 RT.	INLET SS								1																				
6085+35.00	54.00 RT.	INLET SS								1																				
6086+25.00	54.00 RT.	INLET SS				1																								
6086+40.00	54.00 LT.	INLET SS				1																								
6086+40.00	64.40 LT.	END SECTION																												
6086+90.00	54.00 RT.	INLET SS				1																								
6087+50.00	54.00 LT.	INLET SS				1																								
6087+50.00	63.50 LT.	END SECTION																												
6087+50.00	2.10 RT.	INLET SS								1																				
6087+50.00	54.00 RT.	INLET SS								1																				

SEE NEXT SHEET

STORM SEWER

STATION	OFFSET	TYPE	INLETS										MANHOLES														
			TYPE A	TYPE B	TYPE B	TYPE A	TYPE B	TYPE A	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A, 4' DIA.				TYPE A, 5' DIA.				TYPE A, 6' DIA.		TYPE A, 7' DIA.		TYPE A, 8' DIA.		
			TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 4 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	WITH MEDIAN INLET (604101)	WITH MEDIAN INLET (604106)	TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, OPEN LID	TYPE 3 FRAME & GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	AUTOMATIC FLAP GATE 15"	TYPE 1 FRAME, CLOSED LID		
EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH			
6088+55.00	54.00 LT.	INLET SS				1																					
6088+55.00	63.49 LT.	END SECTION																									
6088+55.00	54.00 RT.	INLET SS				1																					
6089+90.00	54.00 LT.	INLET SS				1																					
6089+90.00	68.30 LT.	END SECTION																									
6089+90.00	54.00 RT.	INLET SS				1																					
LATERALS STA. 6095+25 TO STA. 6098+20																											
6095+25.00	54.00 LT.	INLET SS				1																					
6095+25.00	71.50 LT.	END SECTION																									
6095+25.00	54.00 RT.	INLET SS				1																					
6095+25.00	69.00 RT.	END SECTION																									
6096+35.00	54.00 LT.	INLET SS				1																					
6096+35.00	71.50 LT.	END SECTION																									
6096+35.00	54.00 RT.	INLET SS				1																					
6096+35.00	69.00 RT.	END SECTION																									
6097+40.00	54.00 RT.	INLET SS				1																					
6097+40.00	69.00 RT.	END SECTION																									
6097+75.00	5.50 LT.	INLET SS				1																					
6097+90.00	54.00 LT.	INLET SS					1																				
6097+90.00	71.50 LT.	END SECTION																									
6098+20.00	54.00 RT.	INLET SS				1																					
6098+20.00	69.00 RT.	END SECTION																									
RIGHT TRUNK LINE STA. 6096+70 TO STA. 6110+05																											
6098+70.80	68.20 RT.	END SECTION SS																									
6098+95.00	54.00 RT.	M.H. SS																								1	
6099+65.00	54.00 RT.	M.H. SS																								1	
6100+90.00	54.00 RT.	M.H. SS																									1
6102+20.00	54.00 RT.	M.H. SS																									1
6103+85.00	54.00 RT.	M.H. SS																									1
6105+40.00	54.00 RT.	M.H. SS																									1
6106+95.00	62.00 RT.	M.H. SS																									1
6108+50.00	62.00 RT.	M.H. SS																									1
6110+05.00	62.00 RT.	INLET				1																					
LEFT TRUNK LINE STA. 6102+20 TO STA. 6110+05																											
6102+20.00	62.00 LT.	M.H. SS																									1
6103+85.00	62.00 LT.	M.H. SS																									1
6105+40.00	62.00 LT.	M.H. SS																									1
6106+95.00	62.00 LT.	M.H. SS																									1
6108+50.00	62.00 LT.	M.H. SS																									1

SEE NEXT SHEET

STORM SEWER

STATION	OFFSET	TYPE	INLETS												MANHOLES												
			TYPE A	TYPE B	TYPE B	TYPE A	TYPE B	TYPE A	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A, 4' DIA.				TYPE A, 5' DIA.				TYPE A, 6' DIA.		TYPE A, 7' DIA.		TYPE A, 8' DIA.
			TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 3 FRAME & GRATE	TYPE 4 FRAME & GRATE	TYPE 8 GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 11 FRAME & GRATE	WITH MEDIAN INLET (604101)	WITH MEDIAN INLET (604106)	TYPE 1 FRAME, OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, OPEN LID	TYPE 3 FRAME & GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	AUTOMATIC FLAP GATE 15"
EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
6125+90.00	54.00 LT.	SS INLET					1																				
6125+90.00	54.00 RT.	SS INLET				1																					
6125+90.00	69.40 RT.	SS END SECTION																									
6127+05.00	54.00 LT.	SS INLET				1																					
6127+20.00	74.60 LT.	SS INLET						1																			
6127+20.00	54.00 LT.	SS M.H.													1												
6127+20.00	5.50 RT.	SS INLET					1																				
6127+20.00	54.00 RT.	SS INLET					1																				
6127+05.00	54.00 RT.	SS INLET				1																					
6128+05.00	72.60 LT.	SS INLET							1																		
6128+05.00	54.00 LT.	SS INLET					1																				
6128+05.00	54.00 RT.	SS INLET				1																					
6129+10.00	72.60 LT.	SS INLET							1																		
6129+10.00	54.00 LT.	SS INLET					1																				
6129+10.00	54.00 RT.	SS INLET				1																					
6130+25.00	72.60 LT.	SS INLET							1																		
6130+25.00	54.00 LT.	SS INLET					1																				
6130+25.00	1.81 RT.	SS INLET		1																							
6130+25.00	54.00 RT.	SS INLET				1																					
6131+55.00	72.10 LT.	SS INLET							1																		
6131+55.00	54.00 LT.	SS INLET					1																				
6131+55.00	54.00 RT.	SS INLET				1																					
6132+90.00	72.10 LT.	SS INLET							1																		
6132+90.00	54.00 LT.	SS INLET					1																				
6132+90.00	C.L.	SS INLET		1																							
6132+90.00	54.00 RT.	SS INLET				1																					
6134+25.00	54.00 LT.	SS INLET					1																				
6134+25.00	54.00 RT.	SS INLET				1																					
6135+05.00	54.00 LT.	SS INLET					1																				
6135+05.00	C.L.	SS INLET		1																							
6135+05.00	54.00 RT.	SS INLET				1																					

SEE NEXT SHEET

STORM SEWER

STATION	OFFSET	TYPE	INLETS										MANHOLES															
			TYPE A	TYPE B	TYPE B	TYPE A	TYPE B	TYPE A	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A, 4' DIA.				TYPE A, 5' DIA.			TYPE A, 6' DIA.		TYPE A, 7' DIA.		TYPE A, 8' DIA.				
			TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 3 FRAME & GRATE	TYPE 4 FRAME & GRATE	TYPE 8 GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 11 FRAME & GRATE	WITH MEDIAN INLET (604101)	WITH MEDIAN INLET (604106)	TYPE 1 FRAME, OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, OPEN LID	TYPE 3 FRAME & GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	AUTOMATIC FLAP GATE 15"	TYPE 1 FRAME, CLOSED LID
6136+40.00	54.00 LT.	SS INLET					1																					
6136+40.00	54.00 RT.	SS INLET				1																						
6138+70.00	72.90 LT.	END SECTION SS																										
6138+70.00	54.00 LT.	SS INLET					1																					
6138+70.00	C.L.	SS INLET		1																								
6138+70.00	54.00 RT.	SS INLET				1																						
6140+25.00	70.90 LT.	END SECTION SS																										
6140+25.00	54.00 LT.	SS INLET					1																					
6140+25.00	54.00 RT.	SS INLET				1																						
6142+25.00	54.00 LT.	SS INLET								1																		
6142+25.00	54.00 RT.	SS INLET				1																						
6143+45.00	54.00 LT.	SS INLET					1																					
6143+45.00	5.50 RT.	SS INLET									1																	
6143+45.00	54.00 RT.	SS INLET				1																						
6144+85.00	54.00 LT.	SS INLET					1																					
6145+32.00	54.00 RT.	SS INLET				1																						
6146+25.00	54.00 LT.	SS INLET					1																					
6146+25.00	1.95 RT.	SS M.H.														1												
6146+30.00	54.00 RT.	SS INLET				1																						
6148+00.00	54.00 LT.	SS INLET					1																					
6148+00.00	0.15 LT.	SS M.H.														1												
6148+00.00	54.00 RT.	SS INLET				1																						
6149+00.00	8.15 LT.	SS INLET									1																	
LEFT TRUNK LINE - STA. 6153+15 TO STA. 6178+60																												
6153+15.00	64.00 LT.	SS INLET								1																		
6154+15.00	64.00 LT.	SS M.H.														1												
6155+25.00	64.00 LT.	SS M.H.														1												
6156+40.00	64.00 LT.	SS M.H.																1										
6157+70.00	64.00 LT.	SS M.H.														1												
6159+05.00	64.00 LT.	SS M.H.																1										
6160+40.00	64.00 LT.	SS M.H.																				1						
6161+75.00	64.00 LT.	SS M.H.																1										
6163+10.00	64.00 LT.	SS M.H.																					1					
6164+45.00	64.00 LT.	SS M.H.																								1		

SEE NEXT SHEET

STORM SEWER

Main table with columns for STATION, OFFSET, TYPE, and various INLET/MANHOLE types (Type A, Type B, Type 8 Grate, etc.) with rows for stations 6165+00.00 to 6179+59.50, including a section for RIGHT TRUNK LINE and LATERALS.

SEE NEXT SHEET

Metadata table containing FILE NAME, USER NAME, DESIGNED, DRAWN, CHECKED, DATE, PLOT SCALE, and PLOT DATE information.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL. RTE. 47 SCHEDULE OF QUANTITIES

Summary table with columns for F.A.P. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., and CONTRACT NO. 66883.

STORM SEWER

STATION	OFFSET	TYPE	INLETS										MANHOLES												
			TYPE A		TYPE B		TYPE 3 FRAME & GRATE		TYPE 4 FRAME & GRATE		TYPE 8 GRATE		TYPE 11 FRAME & GRATE		TYPE A, 4' DIA.		TYPE A, 5' DIA.				TYPE A, 6' DIA.		TYPE A, 7' DIA.		TYPE A, 8' DIA.
			TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 4 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	WITH MEDIAN INLET (604101)	WITH MEDIAN INLET (604106)	TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, OPEN LID	TYPE 3 FRAME & GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	AUTOMATIC FLAP GATE 15"	TYPE 1 FRAME, CLOSED LID
EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
6160+40.00	54.00 RT.	INLET SS			1																				
6160+40.00	54.00 LT.	INLET SS				1																			
6160+40.00	72.10 LT.	INLET SS						1																	
6161+75.00	54.00 RT.	INLET SS			1																				
6161+75.00	54.00 LT.	INLET SS				1																			
6163+10.00	54.00 RT.	INLET SS			1																				
6163+10.00	C.L.	INLET SS									1														
6163+10.00	54.00 LT.	INLET SS				1																			
6164+45.00	54.00 RT.	INLET SS			1																				
6164+45.00	54.00 LT.	INLET SS				1																			
6164+45.00	72.10 LT.	INLET SS									1														
6164+93.00	71.40 LT.	INLET SS									1														
6165+00.00	71.30 LT.	INLET SS									1														
6165+80.00	54.00 RT.	INLET SS			1																				
6165+80.00	54.00 LT.	INLET SS				1																			
6165+75.00	70.60 LT.	INLET SS									1														
6167+15.00	54.00 RT.	INLET SS			1																				
6167+15.00	C.L.	INLET SS									1														
6167+15.00	54.00 LT.	INLET SS				1																			
6168+50.00	54.00 LT.	INLET SS			1																				
6168+50.00	54.00 RT.	INLET SS			1																				
6168+50.00	69.50 RT.	END SECTION																							
6169+75.00	70.00 LT.	INLET SS									1														
6169+85.00	54.00 LT.	INLET SS			1																				
6169+85.00	54.00 RT.	INLET SS			1																				
6169+85.00	69.50 RT.	END SECTION																							
6170+85.00	54.00 RT.	INLET SS			1																				
6171+00.00	54.00 RT.	INLET SS				1																			
6171+00.00	70.40 RT.	END SECTION																							
6171+00.00	2.60 LT.	INLET SS									1														
6171+00.00	54.00 LT.	M.H. SS													1										
6170+85.00	54.00 LT.	INLET SS			1																				

SEE NEXT SHEET

FILE NAME = V:\3195\66883 (South Section)\CA00 Sheets\0366883-sht-schedule-38.dgn
SHT.PLAN

USER NAME = bdecreane
PLOT SCALE = 2.000' / IN.
PLOT DATE = 8/6/2013

DESIGNED - LDZ
DRAWN - SRH/RMD
CHECKED - DJD
DATE - 7/15/2013

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47
SCHEDULE OF QUANTITIES
SCALE: N/A SHEET 38 OF 55 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	77
CONTRACT NO. 66883				
ILLINOIS FED. AID PROJECT				

STORM SEWER

STATION	OFFSET	TYPE	INLETS										MANHOLES															
			TYPE A	TYPE B	TYPE B	TYPE A	TYPE B	TYPE A	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A, 4' DIA.				TYPE A, 5' DIA.				TYPE A, 6' DIA.		TYPE A, 7' DIA.		TYPE A, 8' DIA.	
			TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 3 FRAME & GRATE	TYPE 4 FRAME & GRATE	TYPE 8 GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 11 FRAME & GRATE	WITH MEDIAN INLET (604101)	WITH MEDIAN INLET (604106)	TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, OPEN LID	TYPE 3 FRAME & GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	AUTOMATIC FLAP GATE 15"	TYPE 1 FRAME, CLOSED LID
EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
6170+90.00	69.00 LT.	INLET SS									1																	
6171+95.00	54.00 LT.	INLET SS				1																						
6171+95.00	54.00 RT.	INLET SS				1																						
6171+95.00	70.40 RT.	END SECTION																										
6172+95.00	70.00 LT.	INLET SS									1																	
6173+05.00	4.70 LT.	INLET SS									1																	
6173+05.00	54.00 LT.	INLET SS					1																					
6173+05.00	54.00 RT.	INLET SS				1																						
6173+05.00	69.50 RT.	END SECTION																										
6174+25.00	70.00 LT.	INLET SS									1																	
6174+35.00	54.00 LT.	INLET SS					1																					
6174+35.00	54.00 RT.	INLET SS				1																						
6175+05.00	54.00 LT.	INLET SS				1																						
6175+05.00	54.00 RT.	INLET SS				1																						
6176+10.00	54.00 LT.	INLET SS				1																						
6176+10.00	54.00 RT.	INLET SS				1																						
6177+10.00	5.50 RT.	INLET SS									1																	
6177+10.00	54.00 LT.	INLET SS					1																					
6177+10.00	54.00 RT.	INLET SS				1																						
6178+15.00	54.00 LT.	INLET SS				1																						
6178+15.00	54.00 RT.	INLET SS				1																						
6182+10.00	54.00 LT.	INLET SS				1																						
6182+10.00	69.50 LT.	END SECTION																										
6182+10.00	54.00 RT.	INLET SS				1																						
6182+10.00	69.50 RT.	END SECTION																										
6183+45.00	54.00 LT.	INLET SS				1																						
6183+45.00	69.50 LT.	END SECTION																										
6183+45.00	54.00 RT.	INLET SS				1																						
6183+45.00	69.50 RT.	END SECTION																										
6185+10.00	54.00 LT.	M.H. SS														1												
6185+10.00	69.50 LT.	END SECTION																										

SEE NEXT SHEET

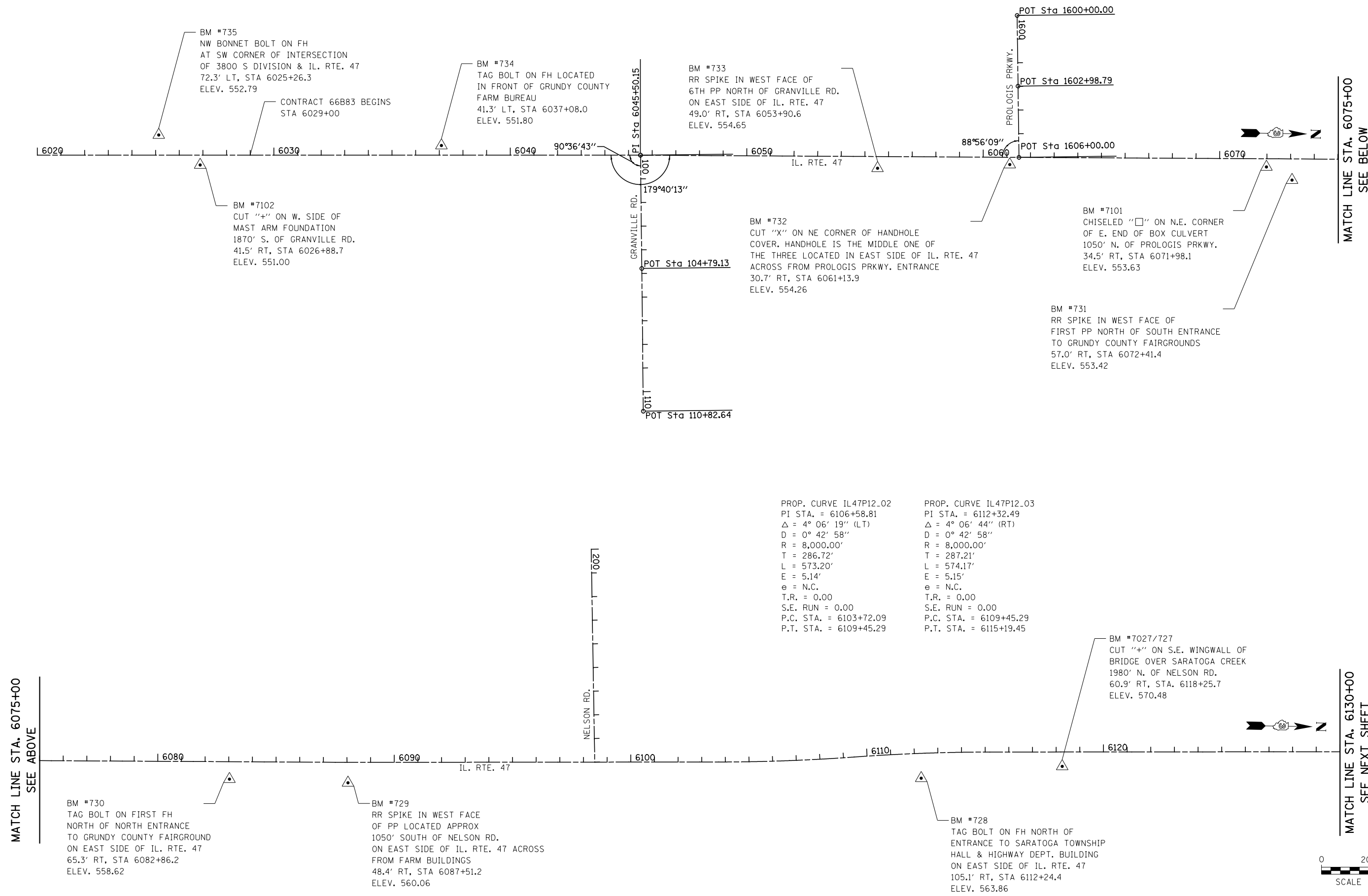
STORM SEWER

STATION	OFFSET	TYPE	INLETS												MANHOLES													
			TYPE A	TYPE B	TYPE B	TYPE A	TYPE B	TYPE A	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A	TYPE B	TYPE A, 4' DIA.				TYPE A, 5' DIA.				TYPE A, 6' DIA.		TYPE A, 7' DIA.		TYPE A, 8' DIA.	
			TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 4 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	WITH MEDIAN INLET (604101)	WITH MEDIAN INLET (604106)	TYPE 1 FRAME OPEN LID	TYPE 1 FRAME, CLOSED LID	TYPE 3 FRAME & GRATE	TYPE 8 GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 1 FRAME, OPEN LID	TYPE 3 FRAME & GRATE	TYPE 11 FRAME & GRATE	TYPE 1 FRAME, CLOSED LID	TYPE 8 GRATE	TYPE 1 FRAME, CLOSED LID	AUTOMATIC FLAP GATE 15"	TYPE 1 FRAME, CLOSED LID			
EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH				
RURAL GRUNDY																												
IL 47																												
LATERALS 6204+67.00 TO 6257+48.41																												
6205+50.00	6.72 RT.	INLET																										
		SS																										
6205+50.00	58.50 RT.	END SECTION																										
6208+00.00	6.69 RT.	INLET																										
		SS																										
6208+00.00	64.40 RT.	END SECTION																										
6217+50.00	6.72 RT.	INLET																										
		SS																										
6217+50.00	60.50 RT.	END SECTION																										
6226+00.00	C.L.	INLET	1																									
		SS																										
6226+00.00	69.00 RT.	END SECTION																										
6240+00.00	C.L.	INLET	1																									
		SS																										
6240+00.00	64.00 RT.	END SECTION																										
6243+32.39	C.L.	INLET	1																									
		SS																										
6243+32.39	67.00 RT.	END SECTION																										
6250+50.00	6.72 RT.	INLET																										
		SS																										
6250+50.00	72.00 RT.	END SECTION																										
RURAL GRUNDY SUB-TOTAL			3																									
RURAL KENDALL																												
IL 47																												
LATERALS 6257+48.41 TO END																												
6258+50.00	6.72 RT.	INLET																										
		SS																										
6258+50.00	73.50 RT.	END SECTION																										
RURAL KENDALL SUB-TOTAL			1																									
TOTAL			8	6	2	145	80	1	39	12	3	7	6	1	6	31	20	3	2	11	1	3	1	7	1	15	2	5

SEE NEXT SHEET

STORM SEWER (CONTINUED)																																			
STATION	OFFSET	TYPE	PRECAST REINFORCED CONCRETE FLARED END SECTIONS							TRENCH BACKFILL	STORM SEWERS, CLASS A														STORM SEWER (WATER MAIN REQUIREMENTS)					PIPE CULVERTS, CLASS D, TYPE 1 15"	METAL END SECTION 15"				
											TYPE 1							TYPE 2																	
			12"	15"	18"	24"	30"	48"	CU YD		12"	15"	18"	24"	30"	36"	42"	48"	12"	15"	18"	24"	30"	36"	42"	48"	12"	15"	18"			24"	30"	FOOT	FOOT
EACH	EACH	EACH	EACH	EACH	EACH		FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT		
RURAL GRUNDY																																			
IL 47																																			
LATERALS 6204+67.00 TO 6257+48.41																																			
6205+50.00	6.72 RT.	INLET							6																										
		SS																																	
6205+50.00	58.50 RT.	END SECTION	1																																
6208+00.00	6.69 RT.	INLET							6																										
		SS																																	
6208+00.00	64.40 RT.	END SECTION	1																																
6217+50.00	6.72 RT.	INLET							6																										
		SS																																	
6217+50.00	60.50 RT.	END SECTION	1																																
6226+00.00	C.L.	INLET							10																										
		SS																																	
6226+00.00	69.00 RT.	END SECTION	1																																
6240+00.00	C.L.	INLET							7																										
		SS																																	
6240+00.00	64.00 RT.	END SECTION	1																																
6243+32.39	C.L.	INLET							7																										
		SS																																	
6243+32.39	67.00 RT.	END SECTION	1																																
6250+50.00	6.72 RT.	INLET							7																										
		SS																																	
6250+50.00	72.00 RT.	END SECTION	1																																
RURAL GRUNDY SUB-TOTAL			6						43																										
RURAL KENDALL																																			
IL 47																																			
LATERALS 6257+48.41 TO END																																			
6258+50.00	6.72 RT.	INLET							6																										
		SS																																	
6258+50.00	73.50 RT.	END SECTION	1																																
RURAL KENDALL SUB-TOTAL			1						6																										
TOTAL			88	4	5	6	3	2	1944	1048	454	331	547	393	386	675	434	8020	953	1423	1978	1291	639	205	1216	510	466	82	293	142	33	2			

TEMPORARY PAVEMENT MARKING - STAGING																						
STATION	TO	STATION	PAINT						TAPE, TYPE IV													
			SYMBOLS	4"				12"	24"	SYMBOLS	4"											
				SOLID	DOUBLE	SOLID	DOTTED	SOLID	SOLID		SOLID	DOUBLE	SOLID	SOLID	DOTTED	SOLID	SOLID					
				WHITE	YELLOW	WHITE	WHITE	YELLOW	WHITE		WHITE	YELLOW	WHITE	WHITE	WHITE	YELLOW	WHITE					
TURN ARROW	EDGE OF PAV'T.	CL & MEDIAN	LANE LINE	LANE LINE/CL	MED./DIAG.	LINE	TURN ARROW	EDGE OF PAV'T.	CL & MEDIAN	CL	LANE LINE	LANE LINE/CL	MED./DIAG.	STOP BAR								
SQ FT	FOOT														SQ FT	FOOT						
URBAN GRUNDY																						
STAGE 2																						
IL 47																						
6015+38.00	TO	6029+00.00							94	1447	1656		430	43	291							
6029+00.00	TO	6045+51.00	94	3276	3972	346	202	98														
6045+51.00	TO	6061+51.00	78	3051	4792	359	123	191														
6061+51.00	TO	6098+47.71		7307	8586			349														
6098+47.71	TO	6151+62.25		2233	2758																	
6151+62.25	TO	6205+16.97																				
PROLOGIS PRKWY.																						
1603+95.17	TO	1605+08.53						70			228											
STAGE 3																						
IL 47																						
6014+76.82	TO	6029+00.00						47	880	2550	653	228	42	438								
6029+00.00	TO	6045+51.00						47	1795	4124		160	53	501								
6045+51.00	TO	6061+51.00						78	1373	4842		358	123	753								
6061+51.00	TO	6098+47.71							3646	7944				456								
6098+47.71	TO	6151+62.25		1850	9528				550	1100												
6151+62.25	TO	6205+16.97			9814																	
PROLOGIS PRKWY.																						
1603+95.17	TO	1605+08.53		182	366			21	69	134	352			12								
STAGE 3A																						
PROLOGIS PRKWY.																						
1603+95.17	TO	1605+08.53								224												
STAGE 3B																						
PROLOGIS PRKWY.																						
1603+95.17	TO	1605+08.53								408	510					396						
STAGE 4																						
IL 47																						
6090+07.53	TO	6098+47.71							841													
6098+47.71	TO	6151+62.25						47	5692	9234	680		369									
6151+62.25	TO	6205+16.97							7377	10428												
URBAN GRUNDY SUB-TOTAL			172	17899	39816	705	325	659	139	313	24367	42968	1333	1176	630	2451	396					
3 APPLICATIONS			516	53697	119448	2115	975	1977	417	939	73101	128904	3999	3528	1890	7353	1188					
RURAL GRUNDY																						
STAGE 3																						
IL 47																						
6205+16.97	TO	6257+48.41			10372																	
STAGE 4																						
IL 47																						
6205+16.97	TO	6257+48.41								10359	10354											
RURAL GRUNDY SUB-TOTAL					10372					10359	10354											
3 APPLICATIONS					31116					31077	31062											
RURAL KENDALL																						
STAGE 3																						
IL 47																						
6257+48.41	TO	6293+79.00		2546	7178																	
STAGE 4																						
6257+48.41	TO	6295+00.55								6582	6802											
RURAL KENDALL SUB-TOTAL				2546	7178					6582	6802											
3 APPLICATIONS				7638	21534					19746	20406											
TOTAL			516	236523					1977	417	939	322254										



PROP. CURVE IL47P12-02
 PI STA. = 6106+58.81
 $\Delta = 4^\circ 06' 19''$ (LT)
 $D = 0^\circ 42' 58''$
 $R = 8,000.00'$
 $T = 286.72'$
 $L = 573.20'$
 $E = 5.14'$
 $e = N.C.$
 $T.R. = 0.00$
 $S.E. RUN = 0.00$
 $P.C. STA. = 6103+72.09$
 $P.T. STA. = 6109+45.29$

PROP. CURVE IL47P12-03
 PI STA. = 6112+32.49
 $\Delta = 4^\circ 06' 44''$ (RT)
 $D = 0^\circ 42' 58''$
 $R = 8,000.00'$
 $T = 287.21'$
 $L = 574.17'$
 $E = 5.15'$
 $e = N.C.$
 $T.R. = 0.00$
 $S.E. RUN = 0.00$
 $P.C. STA. = 6109+45.29$
 $P.T. STA. = 6115+19.45$

MATCH LINE STA. 6075+00
SEE ABOVE

MATCH LINE STA. 6130+00
SEE NEXT SHEET



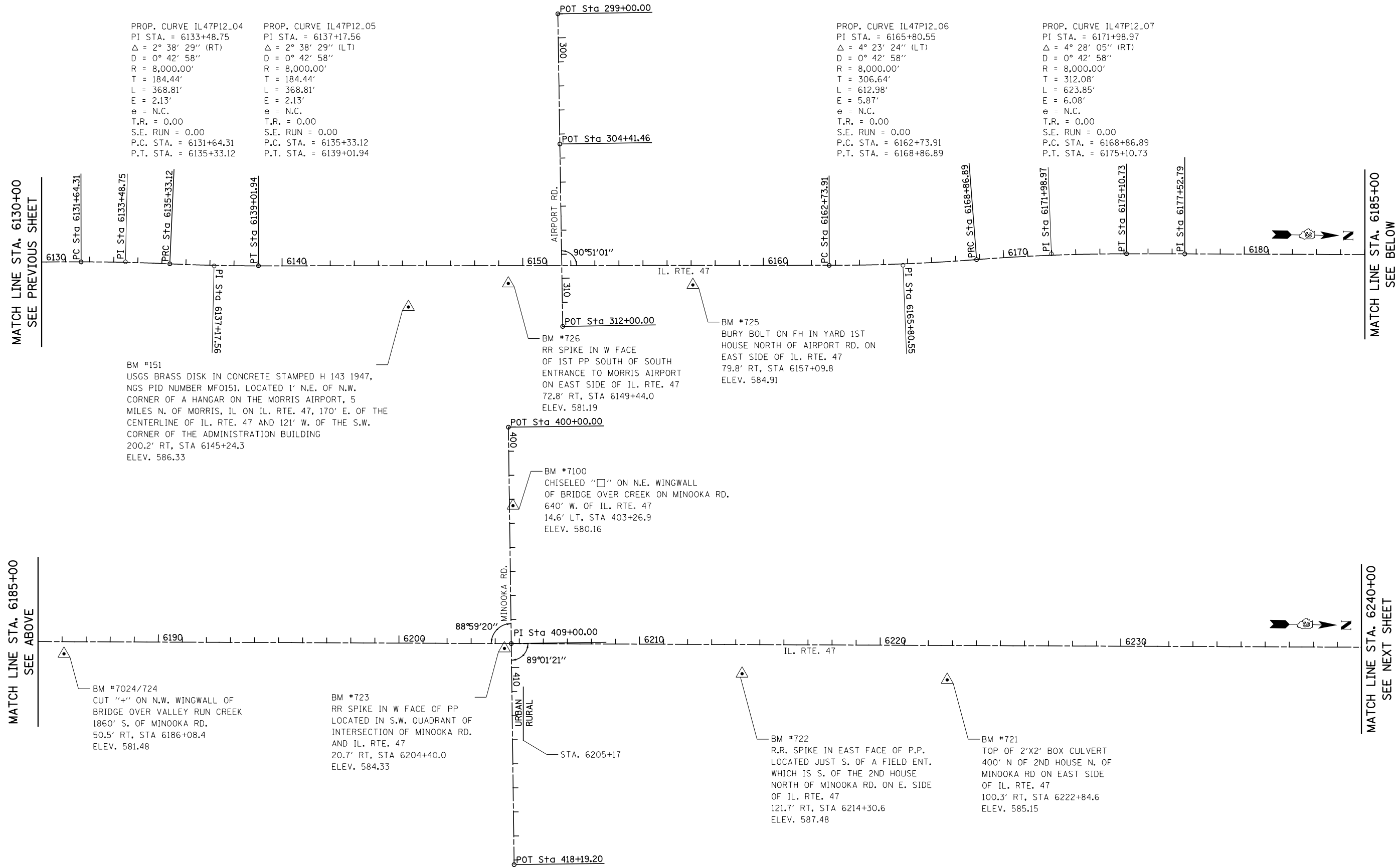
FILE NAME = V:\3195\66883 (South Section)\CADD Sheets\0366883-sht-ATB-01.dgn	USER NAME = bdecreane	DESIGNED - AS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. RTE. 47 ALIGNMENT, TIES & BENCHMARKS			F.A.P. RTE. = 326	SECTION = (110)R, BR & BR-1	COUNTY = GRUNDY	TOTAL SHEETS = 644	SHEET NO. = 95
	PLOT SCALE = 400.0000' / in.	CHECKED - ST	REVISED -		SCALE: 1"=200'	SHEET NO. 1 OF 4 SHEETS	STA. 6020+00.00 TO STA. 6130+00.00	CONTRACT NO. 66B83				
SHT.PLAN	PLOT DATE = 8/6/2013	DATE = 7/15/2013	REVISED -					ILLINOIS FED. AID PROJECT				

PROP. CURVE IL47P12_04
 PI STA. = 6133+48.75
 $\Delta = 2^\circ 38' 29''$ (RT)
 D = 0° 42' 58"
 R = 8,000.00'
 T = 184.44'
 L = 368.81'
 E = 2.13'
 e = N.C.
 T.R. = 0.00
 S.E. RUN = 0.00
 P.C. STA. = 6131+64.31
 P.T. STA. = 6135+33.12

PROP. CURVE IL47P12_05
 PI STA. = 6137+17.56
 $\Delta = 2^\circ 38' 29''$ (LT)
 D = 0° 42' 58"
 R = 8,000.00'
 T = 184.44'
 L = 368.81'
 E = 2.13'
 e = N.C.
 T.R. = 0.00
 S.E. RUN = 0.00
 P.C. STA. = 6135+33.12
 P.T. STA. = 6139+01.94

PROP. CURVE IL47P12_06
 PI STA. = 6165+80.55
 $\Delta = 4^\circ 23' 24''$ (LT)
 D = 0° 42' 58"
 R = 8,000.00'
 T = 306.64'
 L = 612.98'
 E = 5.87'
 e = N.C.
 T.R. = 0.00
 S.E. RUN = 0.00
 P.C. STA. = 6162+73.91
 P.T. STA. = 6168+86.89

PROP. CURVE IL47P12_07
 PI STA. = 6171+98.97
 $\Delta = 4^\circ 28' 05''$ (RT)
 D = 0° 42' 58"
 R = 8,000.00'
 T = 312.08'
 L = 623.85'
 E = 6.08'
 e = N.C.
 T.R. = 0.00
 S.E. RUN = 0.00
 P.C. STA. = 6168+86.89
 P.T. STA. = 6175+10.73



MATCH LINE STA. 6130+00
SEE PREVIOUS SHEET

MATCH LINE STA. 6185+00
SEE BELOW

MATCH LINE STA. 6185+00
SEE ABOVE

MATCH LINE STA. 6240+00
SEE NEXT SHEET

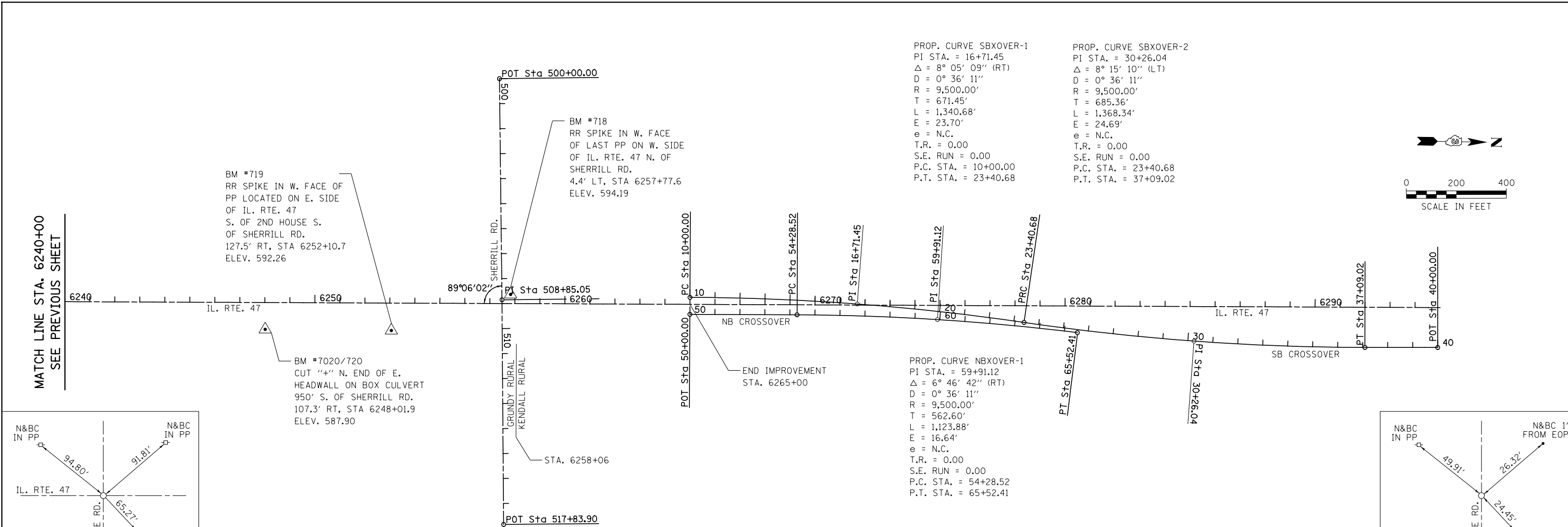


FILE NAME =	USER NAME = bdecreane	DESIGNED - AS	REVISED -
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	PLOT SCALE = 400.0000' / in.	CHECKED - ST	REVISED -
SHT.PLAN	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL. RTE. 47 ALIGNMENT, TIES & BENCHMARKS		
SCALE: 1"=200'	SHEET NO. 2 OF 4 SHEETS	STA. 6130+00.00 TO STA. 6240+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	96
			CONTRACT NO. 66B83	
ILLINOIS FED. AID PROJECT				



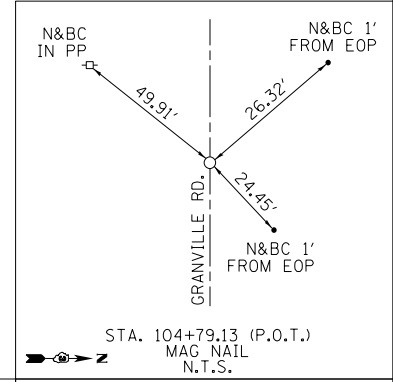
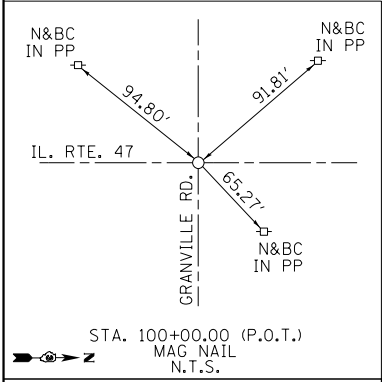
MATCH LINE STA. 6240+00
SEE PREVIOUS SHEET

BM #719
RR SPIKE IN W. FACE OF
PP LOCATED ON E. SIDE
OF IL. RTE. 47
S. OF 2ND HOUSE S.
OF SHERRILL RD.
127.5' RT, STA 6252+10.7
ELEV. 592.26

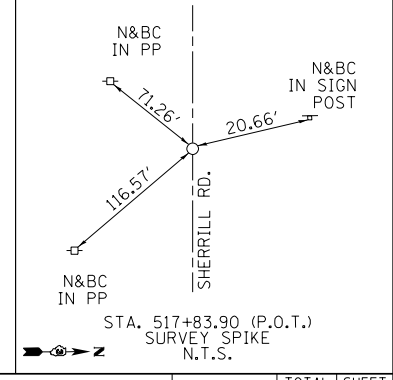
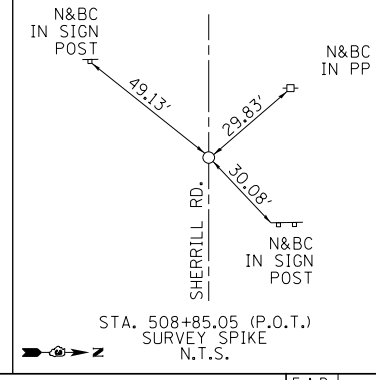
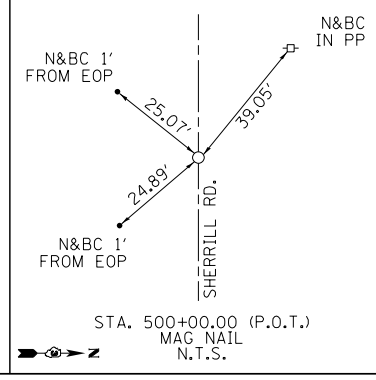
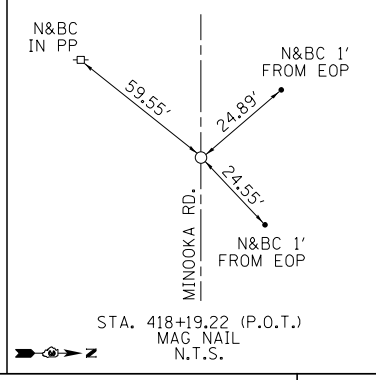
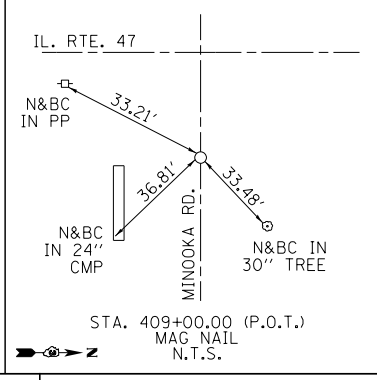
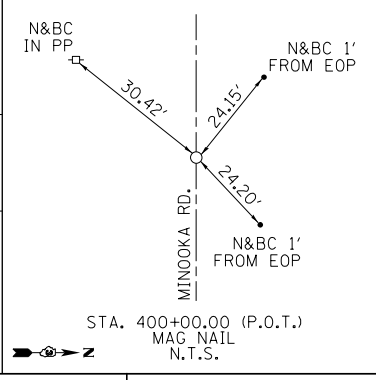
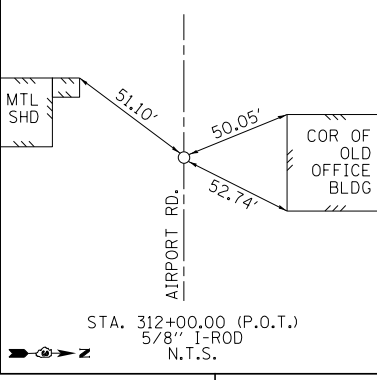
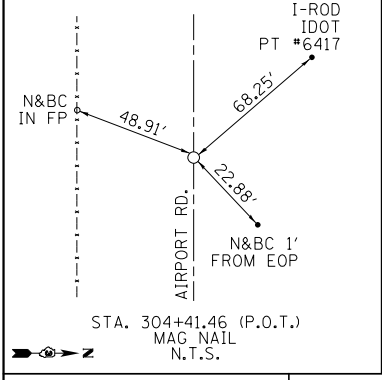
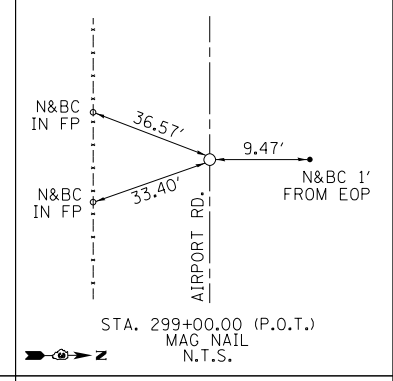
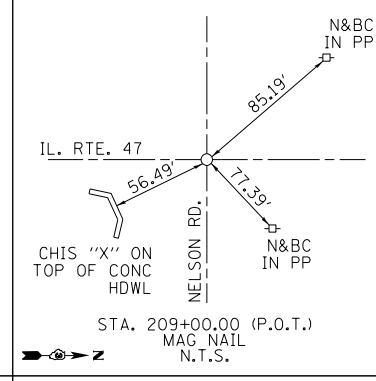
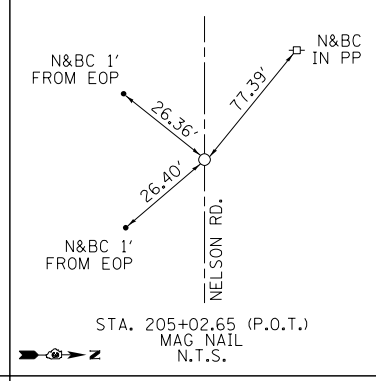
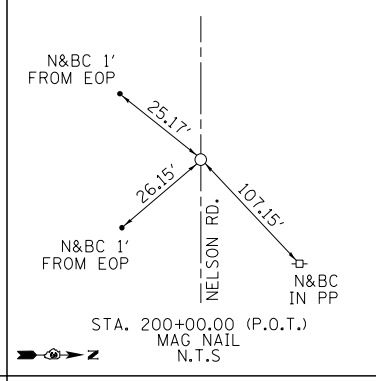
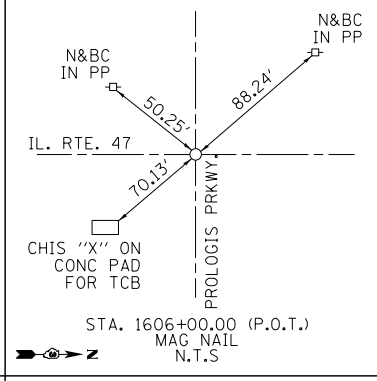
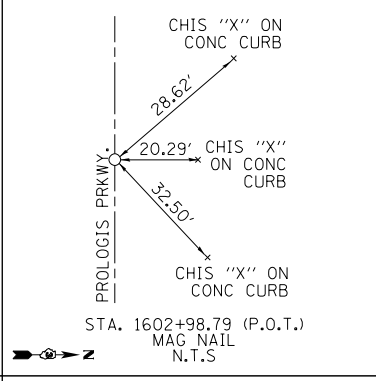
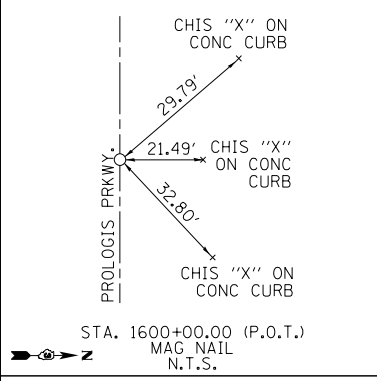
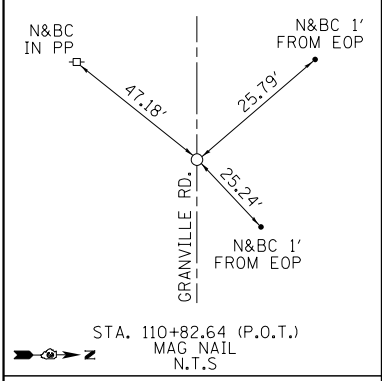
BM #718
RR SPIKE IN W. FACE
OF LAST PP ON W. SIDE
OF IL. RTE. 47 N. OF
SHERRILL RD.
4.4' LT, STA 6257+77.6
ELEV. 594.19

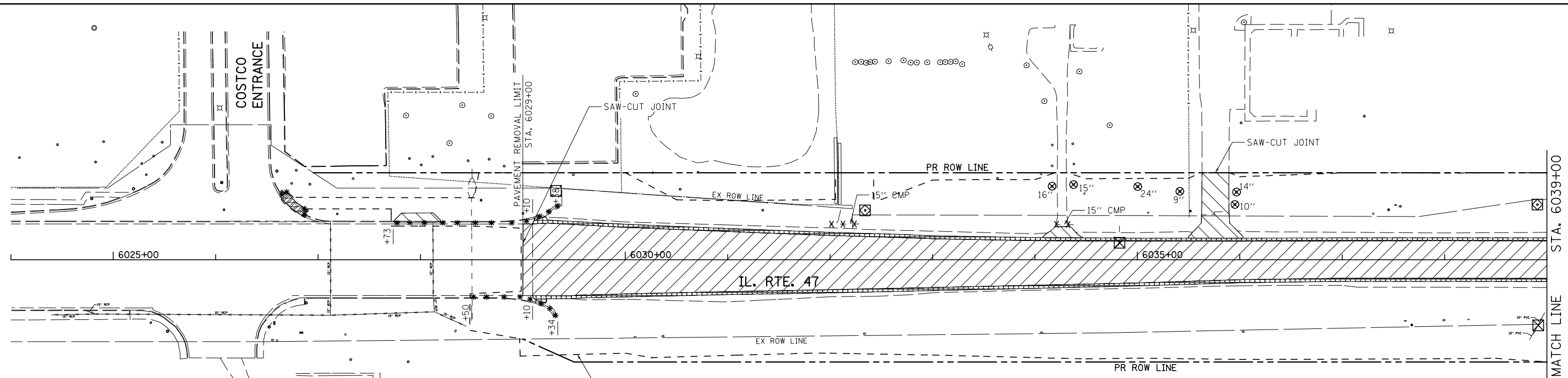
BM #7020/720
CUT "+" N. END OF E.
HEADWALL ON BOX CULVERT
950' S. OF SHERRILL RD.
107.3' RT, STA 6248+01.9
ELEV. 587.90

END IMPROVEMENT
STA. 6265+00



SIDE ROAD TIES



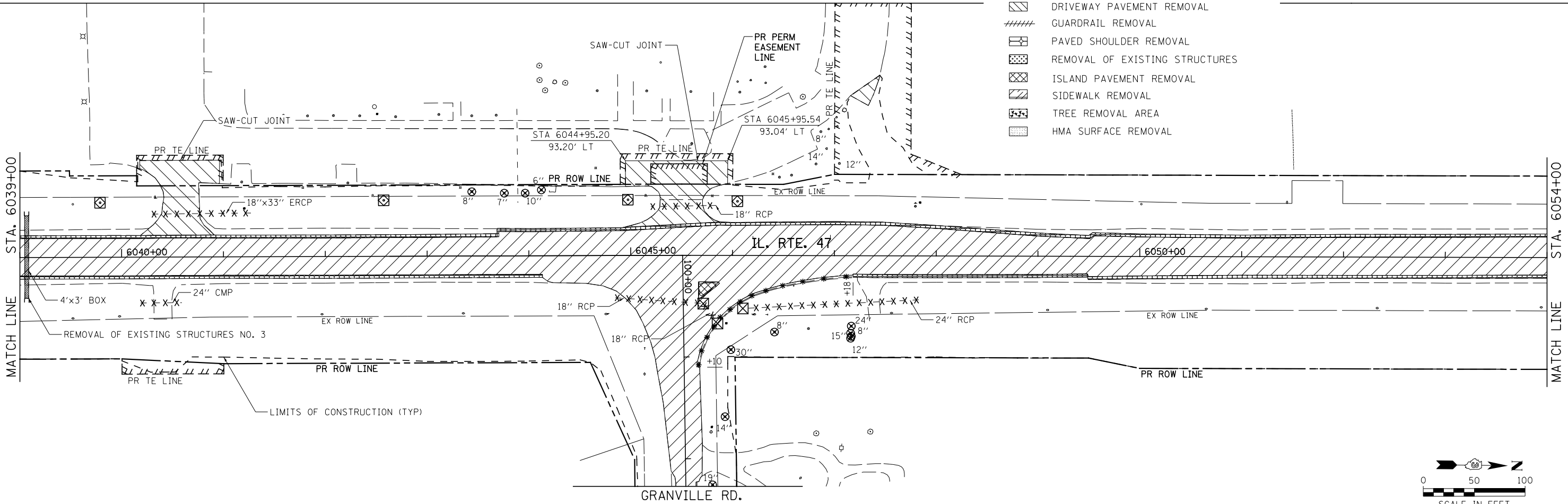
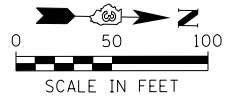


GENERAL NOTES:

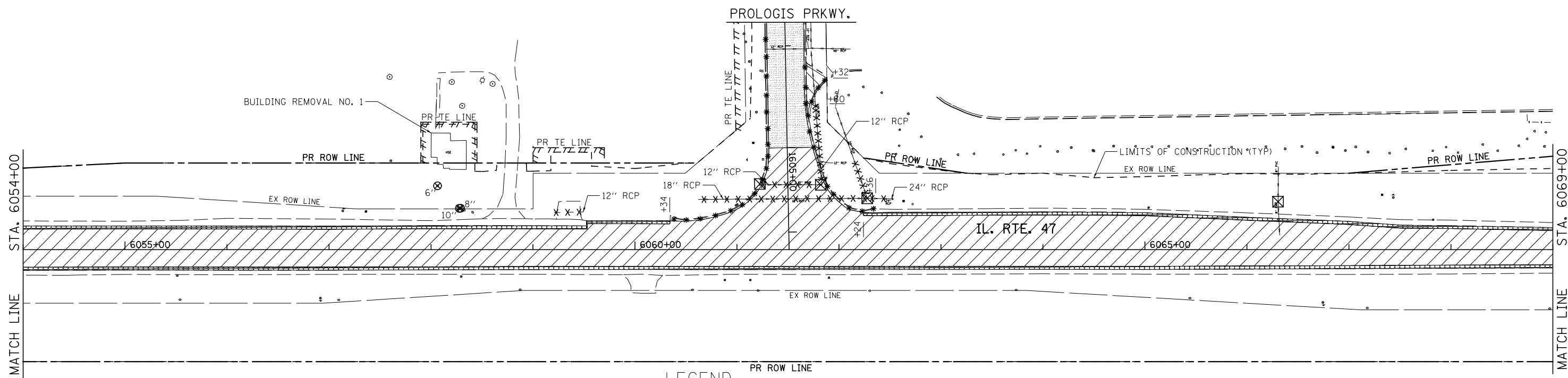
1. ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.
2. FOR REMOVAL ITEMS ASSOCIATED WITH TRAFFIC SIGNAL ITEMS AND WATER MAIN ITEMS SEE THE PLANS RESPECTIVELY.

LEGEND

- PAVEMENT REMOVAL
- DRAINAGE STRUCTURE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- GUARDRAIL REMOVAL
- PAVED SHOULDER REMOVAL
- REMOVAL OF EXISTING STRUCTURES
- ISLAND PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- TREE REMOVAL AREA
- HMA SURFACE REMOVAL

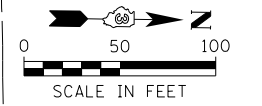
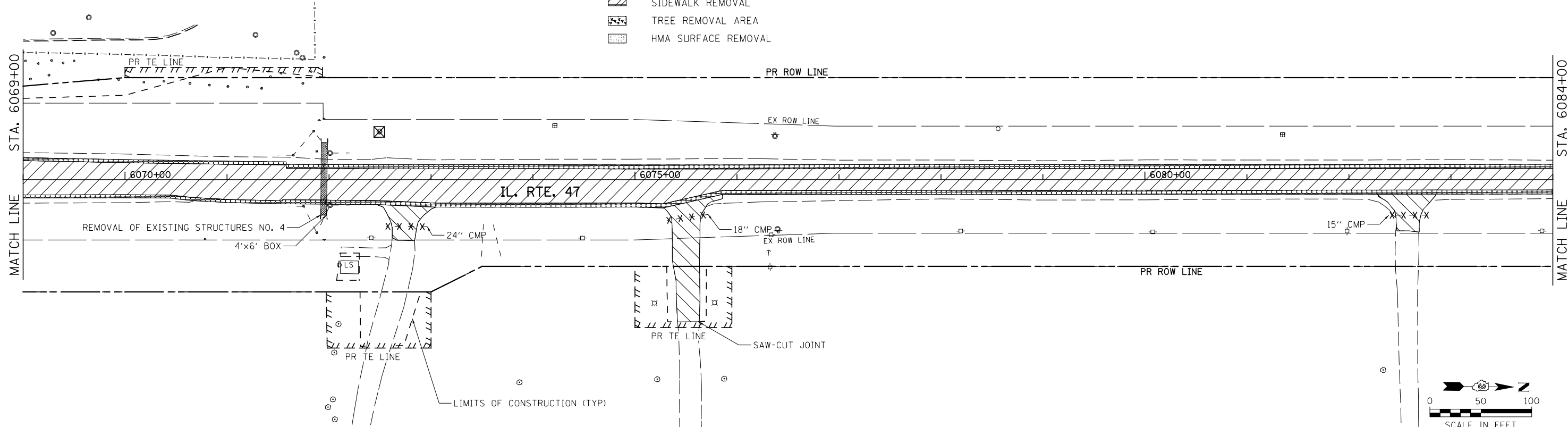
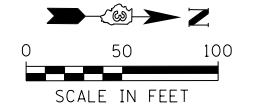


FILE NAME = V:\3195\66883 (South Section)\CADD Sheets\0366883-shr-rem-01.dgn	USER NAME = bdecreane	DESIGNED - AS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. RTE. 47 REMOVAL PLANS			F.A.P. RTE. 326	SECTION (110)R, BR & BR-1	COUNTY GRUNDY	TOTAL SHEETS 644	SHEET NO. 99	
SHT.PLAN	PLOT SCALE = 100.0000' / 1in.	CHECKED - ST	REVISED -		SCALE: 1"=50'	SHEET NO. 1 OF 13 SHEETS	STA. 6024+00 TO STA. 6054+00	CONTRACT NO. 66B83		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -										



LEGEND

- PAVEMENT REMOVAL
- DRAINAGE STRUCTURE TO BE REMOVED
- COMB. CONC. CURB AND GUTTER REMOVAL
- PIPE CULVERT/STORM SEWER REMOVAL
- TREE REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- GUARDRAIL REMOVAL
- PAVED SHOULDER REMOVAL
- REMOVAL OF EXISTING STRUCTURES
- ISLAND PAVEMENT REMOVAL
- SIDEWALK REMOVAL
- TREE REMOVAL AREA
- HMA SURFACE REMOVAL



FILE NAME = V:\3195\66883 (South Section)\CADD Sheets\0366883-sht-rem-02.dgn	USER NAME = bdecreene	DESIGNED - AS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. RTE. 47 REMOVAL PLANS	F.A.P. RTE. 326	SECTION (110)R, BR & BR-1	COUNTY GRUNDY	TOTAL SHEETS 644	SHEET NO. 100
	PLOT SCALE = 100.0000' / 1".	CHECKED - ST	REVISED -			SCALE: 1"=50'	SHEET NO. 2 OF 13 SHEETS	STA. 6054+00 TO STA. 6084+00	CONTRACT NO. 66B83	
SHT.PLAN	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -							