


# GENERAL NOTES

All Borrow/Waste/Use sites must be approved by the Department prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

The final top 4 inches of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils. The cost of this work shall be included in the unit prices bid and no additional compensation will be allowed.

Fertilizer shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of

**SODDING, SALT TOLERANT.** 

When laying out for patching, the minimum distance between new patches (saw cut to saw cut) shall be 15 feet. When patch spacing is less than 15 feet, the pavement between patches shall also be removed and replaced.

Milling machines on this project shall be capable of removing a layer of bituminous a minimum 6' wide and 1½ inches in depth in a single pass.

Areas of slag mixture are expected to be milled on this project. RAP containing slag mixture must be stockpiled separately.

The following Mixture Requirements are applicable for this project:

Location(s):			
Mixture Use(s):	Surface	Shoulder Surface	Level Binder
PG:	58 – 28	58 – 28	58 – 28
Design Air Voids:	4.0 @ N70	3.0 @ N50	4.0 @ N70
Mixture Composition (Mixture Gradation):	IL 9.5	IL 9.5 or 9.5 FG	IL 9.5 or 9.5 FG
Friction Aggregate:	F	C	
Mixture Unit Weight:	123/lbs/sy/in	112/lbs/sy/in	N/A
Quality Management Program:	QCP	QC/QA	QC/QA
Sublot Tonnage:	650	N/A	N/A

The Contractor shall place temporary hot-mix asphalt tapers along all sides of the utility structures protruding above the milled surface. The temporary tapers shall extend 2' outside of the castings, except for the approach side to traffic shall have a 4' taper length. Hot-mix asphalt meeting the approval of the Engineer shall be used, no cold millings will be allowed. The cost of the material, placement, maintenance, removal and disposal of said work will be included in the Pay Item for Hot-Mix Asphalt Surface Removal.

The Contractor will be required to furnish 5 1/2" high brass stencils as approved by the Engineer and install stationing at 250' intervals. Stationing shall be placed on both lanes of 2-lane highways and on the outside lanes in both directions on 4-lane highways. The stations shall be placed 6" inside the pavement marking edge so they can be read from the shoulder. This work will be included in the cost of the final pavement surface.

The area to be tacked or primed shall be limited to that which can be covered with HMA on the next day's production, but no more than four days in advance of the placement of the HMA, unless approved by the Engineer.

Install rumble strips in all shoulders in accordance with State Standard 642006. Rumble Strips shall be placed on shoulders on both sides of the pavement.

The new manhole lids on this project shall have the word "STORM", "SANITARY", or "WATER" on the lid. The word to be used is noted on the plans. It will be the Contractor's responsibility to determine the word to be used on other lids not noted on the plans. No additional compensation will be allowed for this work.

The Contractor shall be responsible for collecting and maintaining an electronic log of all stakeout survey that is performed on the job, either by him/her or any sub-contractor performing the stakeout. Upon request, all logs shall be submitted to the Department. No additional compensation will be allowed for this work, but shall be considered included in the cost for CONSTRUCTION LAYOUT.

Tree planting layout shall be performed by the District Roadside Management Specialist. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

Excess trees that cannot be planted along the US 20 / IL 84 project limits shall be planted at alternative locations in Jo Daviess or Stephenson Counties as determined by the District Roadside Management Specialist.

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 8 feet high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 8 inches, not 7 inches, as shown in the detail of Typical Lane and Edge Lines.
4. Centerline Skip Dash Pavement Marking on multi-lane divided, multi-lane undivided, and one-way roadway shall be according to District Standard 41.1.

Work on this project will be in progress at the same time as work on the Gear Street project in Galena. Work on these projects shall be scheduled to keep interference between all the projects to a minimum. The contractors shall inform each other of progress of the projects and give fair warning to the other contractors when a problem might be encountered.

The Contractor shall be responsible for locating and protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

AT&T - 630-573-5465  
 Jo Carroll Energy – 815-858-2207  
 Mediacom – 815-716-0582  
 City of Galena – 815-777-1050

Jo Carroll Energy – 815-273-2222  
 NICOR Gas – 630-388-3046  
 iFiber – 815-753-6075

IDOT is not a member of JULIE. If you are near any overhead lighting, intersection lighting or traffic signals, contact the IDOT Traffic Office at 815/284-5469 at least 48 hours prior to work.

Tie bars shall be installed to tie PCC appurtenance to adjacent existing concrete pavement.

Tie the following to the existing concrete pavement

Length, size, and spacing of Tie Bars

Gutter or Curb & Gutter	Std. 606001	24" long No. 6 @ 36" centers
PCC Base Course	Std. 353001	24" long No. 6 @ 36" centers
PCC Pavement	Std. 420101	24" long No. 6 @ 36" centers

Tie bars to be installed in accordance with the applicable portions of Article 420.05(b) of the Standard Specifications. See Highway Standard 420001 for detail on longitudinal construction joint grouted-in-place tie bar. The cost of the tie bars to be included in the cost of the PCC appurtenance adjacent to the existing pavement.

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	PLOT SCALE =	DRAWN -	REVISED -			FAP 301 US 20/IL 84	29RS-7	Jo Daviess	2		
	PLOT DATE = 11/15/2019 10:54 AM	CHECKED -	REVISED -					CONTRACT NO. #64K59			
	DATE = 11/28/2018 10:57 AM	REVISED -		SCALE	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT



# SCHEDULE OF QUANTITIES

## 20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

UNIT	LOCATION	
24	1185+90.84	39.79' RT
24	1185+45.26	29.61' RT
TOTAL	48	

## 25200110 SODDING, SALT TOLERANT

THIS ITEM WILL BE USED BEHIND CURB RAMPS AND IN DISTURBED AREAS AS NEEDED. AREAS BETWEEN SIDEWALK AND NEW C&G WERE ALSO INCLUDED

SO YD	LOCATION
47.9	SE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
100.4	NE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
20.4	NW QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
33.9	NE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
35.2	NW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
36.3	SE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
32.0	SW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
28.3	NW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
29.4	SW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
TOTAL	363.80

## 25200200 SUPPLEMENTAL WATERING

UNIT	LOCATION
5.0	SEE SODDING SCHEDULE
TOTAL	5.0

## 28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION
50	SEE SODDING SCHEDULE
TOTAL	50.0

## 28000500 INLET AND PIPE PROTECTION

EACH	LOCATION
3	PARK AVE
3	3RD STREET
TOTAL	6.0

## 40600535 LEVELING BINDER (HAND METHOD), N70

TON	LOCATION
10.0	AS NEEDED & DIRECTED BY THE ENGINEER
TOTAL	10.0

## 42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5"

\* EXISTING CONCRETE STRUCTURE TO BE COLORED

SO FT	LOCATION
224.5	* NE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
287.4	* NW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
194.8	SE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
153.5	* SW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
239.1	* NW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
163.6	SW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
171.8	SE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
546.3	* NE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
177.3	* NW QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20

TOTAL 2158.3

## 42400800 DETECTABLE WARNINGS

SO FT	LOCATION
22.7	NE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
17.9	NW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
20.1	SE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
17.3	SW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
12.8	NW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
22.2	SW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
10.0	SE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
15.1	NE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
10.0	NW QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20

TOTAL 148.2

## 44000500 CONCRETE CURB AND GUTTER REMOVAL

\* EXISTING CONCRETE STRUCTURE TO BE COLORED

FOOT	LOCATION
42.0	* NE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
60.5	* NW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
38.0	* SE QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
37.5	* SW QUADRANT AT INTERSECTION OF 3RD STREET AND US 20
59.0	* NW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
50.5	* SW QUADRANT AT INTERSECTION OF 4TH STREET AND US 20
34.5	* SE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
97.5	* NE QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20
31.5	* NW QUADRANT AT INTERSECTION OF PARK AVE STREET AND US 20

TOTAL 451.0

FILE NAME =	USER NAME = Karkir	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULE OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\11084EBIDINTEG.111nois.gov\PI001\Documents\DOT Offices\District 2\Projects\2018\Drawings\2018-15-shr-cover.dgn	DATE = 12/6/2018	CHECKED -	REVISED -			301	29RS-7	JO DAVIESS	65	12	
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						ILLINOIS FED. AID PROJECT					