

**SUMMARY OF QUANTITIES**

SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	500	500		
	70600240	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 2	EACH	6	6		
	70600340	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 2	EACH	4	4		
	72000100	SIGN PANEL - TYPE 1	SQ FT	357	357		
	72000200	SIGN PANEL - TYPE 2	SQ FT	13	13		
	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	9	9		
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	557.5	557.5		
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	444	444		
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16,588	16,588		
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,674	2,674		
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,841	1,841		
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	232	232		
	78300100	PAVEMENT MARKING REMOVAL	SQ FT	450	450		
* #	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2		2	
*	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1			1
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	548			548
*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	79			79
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	246			246
* #	81028310	UNDERGROUND CONDUIT, PVC, 3/4" DIA.	FOOT	60		60	
* #	81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	341		341	
*	81400100	HANDHOLE	EACH	5			5
*	81400200	HEAVY-DUTY HANDHOLE	EACH	2			2
*	81400300	DOUBLE HANDHOLE	EACH	1			1
* #	81603025	UNIT DUCT, 600V, 2-1C NO.4, 1C NO.4 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	3855		3855	
* #	81702100	ELECTRICAL CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1C NO. 12	FOOT	264		264	

SPECIALTY ITEM	PAY ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0004	NON PARTICIPANT	TRAFFIC SIGNALS 0021
* #	82500330	LIGHTING CONTROLLER, PEDESTAL MOUNT, 240 VOLT, 60 AMP	EACH	2		2	
* #	83008300	LIGHT POLE, ALUMINUM, 40 FT. M.H., 8 FT. MAST ARM	EACH	30		30	
* #	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	300		300	
* #	83800505	BREAKAWAY DEVICE, COUPLING, WITH ALUMINUM SKIRT	EACH	120		120	
*	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1
*	86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1			1
*	86400100	TRANSCIEVER-FIBER OPTIC	EACH	1			1
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	195			195
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	750			750
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1215			1215
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	600			600
*	87301295	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3C	FOOT	423			423
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1000			1000
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	68			68
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	534			534
* #	87502480	TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1			1
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1			1
*	87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1			1
*	87702850	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT.	EACH	1			1
*	87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1			1
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9			9
*	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4			4
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	23			23
*	88030020	SIGNAL HEAD, LED, 1-FACE 3-SECTION, MAST-ARM MOUNTED	EACH	1			1
*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4			4

**NOTE:**

- △ = CONSTRUCTION CODE 0042
- \* = SPECIALTY ITEM
- # = NON-PARTICIPATING ITEM (100% LOCAL FUNDS)

L:\JANIPARK\4220-0\UnivPkwyEastSec\Draw\CADD\_Sheets\500.dgn 1/30/2015



USER NAME = Kristin Timmons	DESIGNED - AS	REVISED - △ 10-20-2015
FILE NAME = 500.dgn	DRAWN - AS	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED - KDN	REVISED -
PLOT DATE = 1/30/2015 10:27:03 AM	DATE - 1/16/2015	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

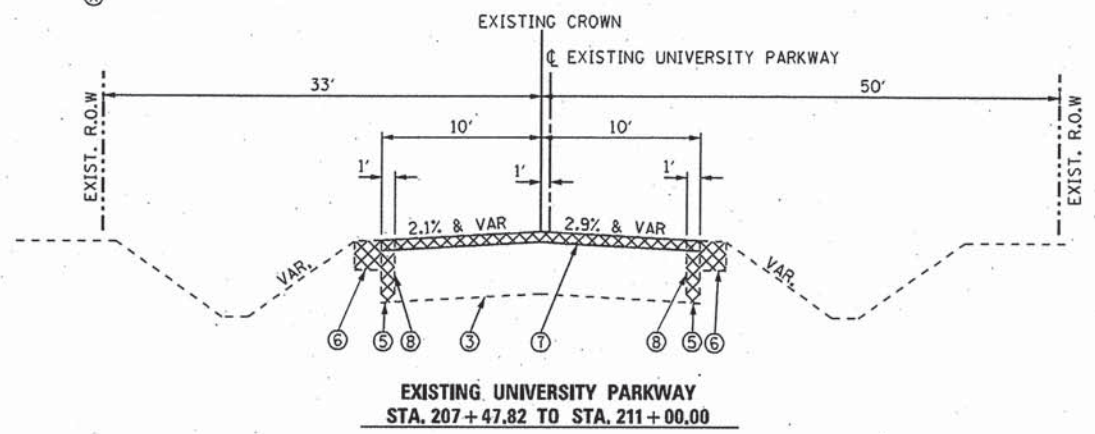
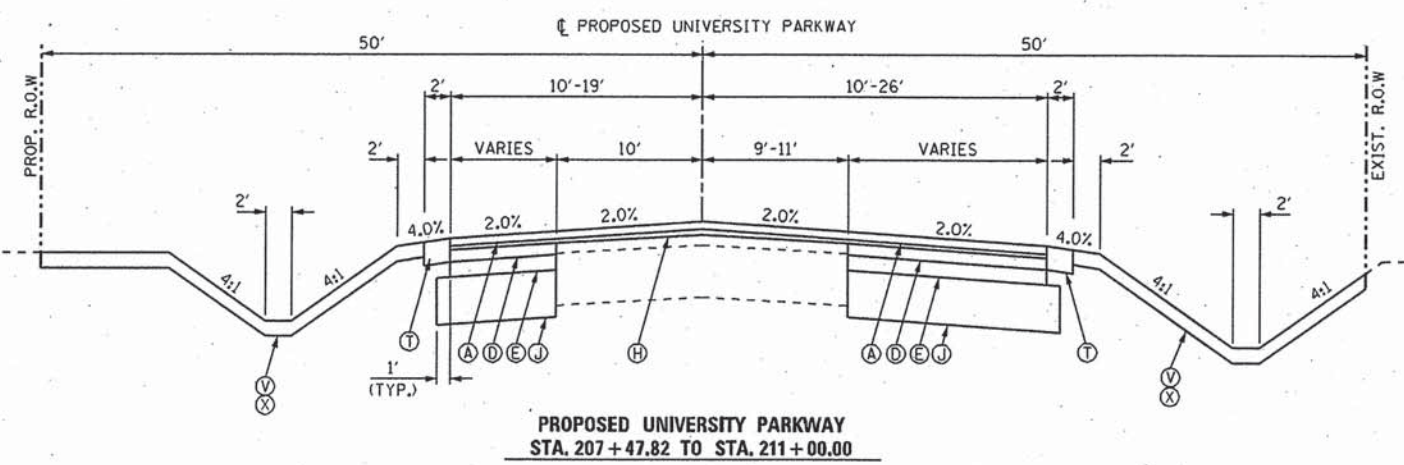
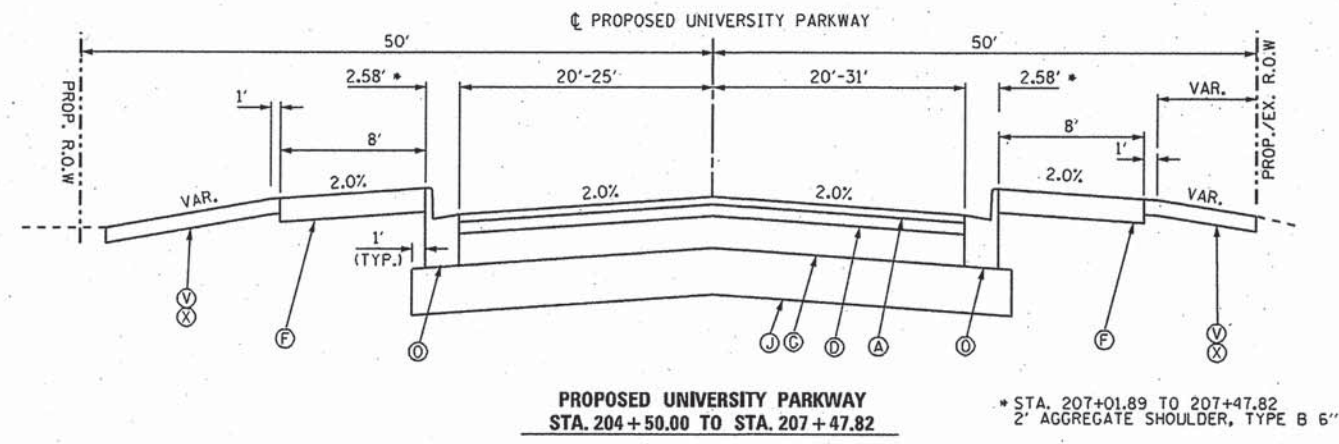
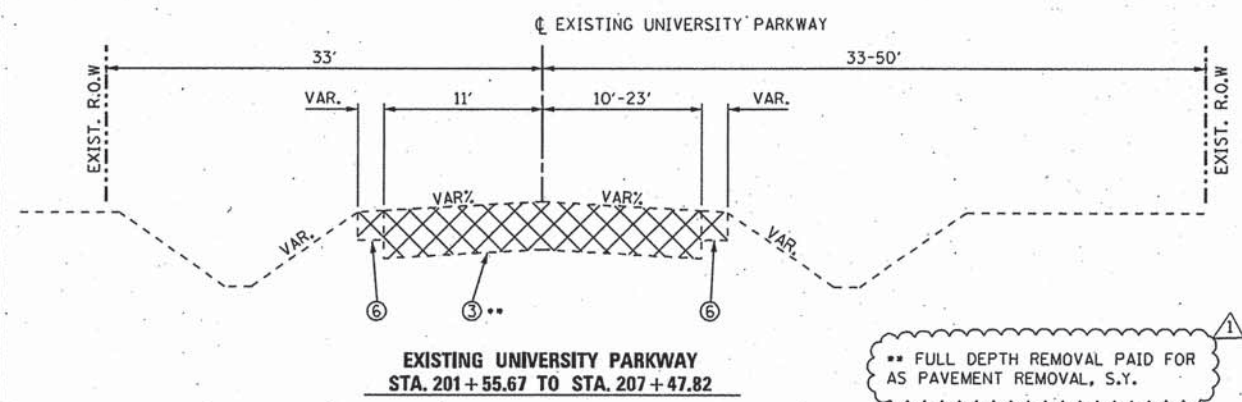
**SUMMARY OF QUANTITIES**

SCALE: N/A SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE. 1637	SECTION 96-00014-01-PV	COUNTY WILL	TOTAL SHEETS 119	SHEET NO. 6
CONTRACT NO. 61A75				
ILLINOIS FED. AID PROJECT				

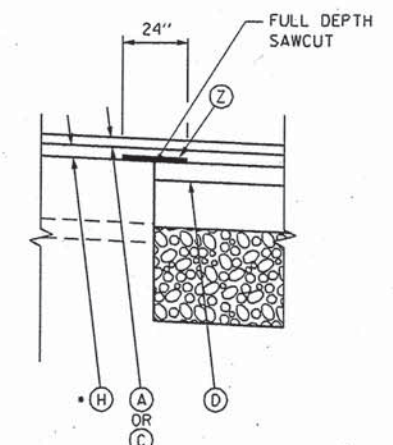


\\cmtengr.com\dfsanzur\HB\UnivPark\14220-01\UnivPkwyEostSec\Draw\CAD\Draw\Sheet\typical2\_univpkwy.dgn  
 10/20/2015 2:05:52 PM



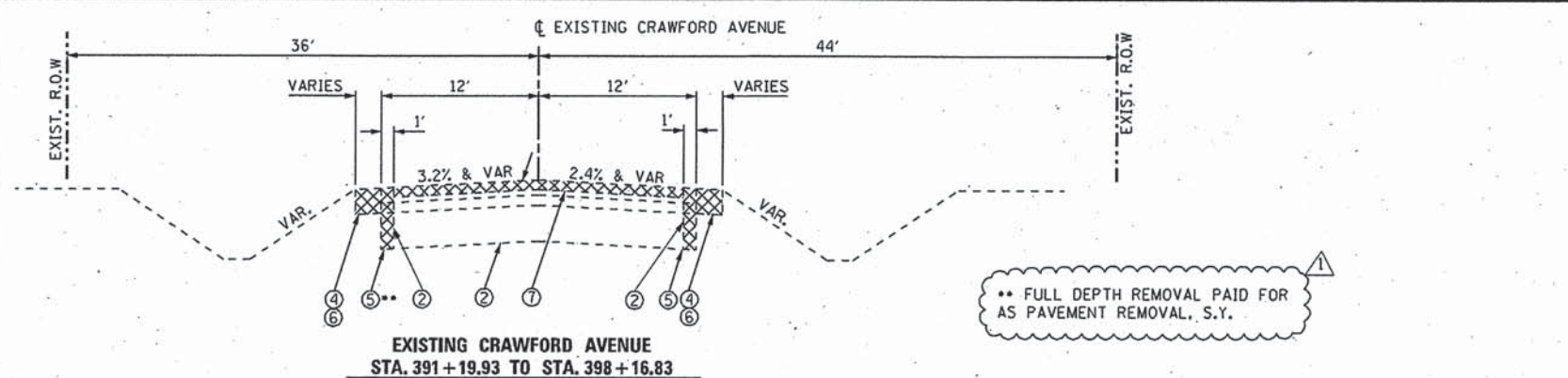
- PROPOSED LEGEND**
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0"
  - (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0"
  - (C) "NOT USED"
  - (D) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3"
  - (E) HOT-MIX ASPHALT BASE COURSE, 4"
  - (F) PCC SIDEWALK, 5"
  - (G) HOT-MIX ASPHALT BASE COURSE, 7.5"
  - (H) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
  - (I) HOT-MIX ASPHALT SHOULDER, 6"
  - (J) AGGREGATE SUBGRADE, W/FABRIC, 12"
  - (K) "NOT USED"
  - (L) AGGREGATE BASE COURSE, TYPE B 8"
  - (M) "NOT USED"
  - (N) "NOT USED"
  - (O) COMBINATION CURB AND GUTTER, TYPE B-6.24
  - (P) "NOT USED"
  - (Q) "NOT USED"
  - (R) "NOT USED"
  - (S) "NOT USED"
  - (T) AGGREGATE SHOULDER, TYPE B 6"
  - (U) "NOT USED"
  - (V) FURNISH AND PLACE TOPSOIL, 4"
  - (W) SODDING (SALT TOLERANT)
  - (X) SEEDING CLASS 2A W/ MULCH (METHOD 3)
  - (Y) EROSION CONTROL BLANKET (OMIT IN SODDED AREAS)
  - (Z) STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A

- EXISTING LEGEND**
- (1) EXISTING PAVEMENT STRUCTURE: 3"-7.5" BITUMINOUS CONCRETE 4"-13.3" CRUSHED LIMESTONE
  - (2) EXISTING PAVEMENT STRUCTURE: 1.9" BITUMINOUS CONCRETE (SURFACE) 2.2" BITUMINOUS CONCRETE (SURFACE) 2.8" BITUMINOUS CONCRETE (BINDER) 10" CRUSHED LIMESTONE BASE
  - (3) EXISTING PAVEMENT STRUCTURE: 2.7" BITUMINOUS CONCRETE (SURFACE) 13.3" CRUSHED LIMESTONE BASE
  - (4) EXISTING AGGREGATE SHOULDER, VAR. THICKNESS
  - (5) EXISTING PAVEMENT STRUCTURE TO BE REMOVED
  - (6) EXISTING AGGREGATE SHOULDER TO BE REMOVED (INCLUDED AS PART OF EXCAVATION)
  - (7) EXISTING BITUMINOUS SURFACE REMOVAL, COLD MILLING (2")
  - (8) SAW CUT (FULL DEPTH) (INCLUDED IN COST OF ITEM BEING REMOVED)

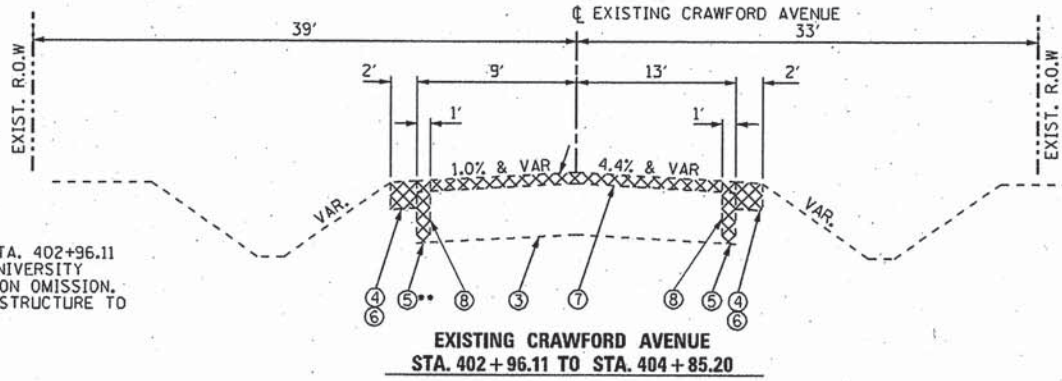


**DETAIL A - WIDENING DETAIL (UNIVERSITY PARKWAY)**

- (H) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS 2/4" OR LESS. IT SHALL ALSO BE USED FOR THE TOP 2/4" OF LEVELING OPERATIONS OF ANY THICKNESS.
- (D) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS GREATER THAN 2/4", BUT THE TOP 2/4" OF THE LEVELING OPERATION SHALL BE POLYMERIZED LEVELING BINDER.

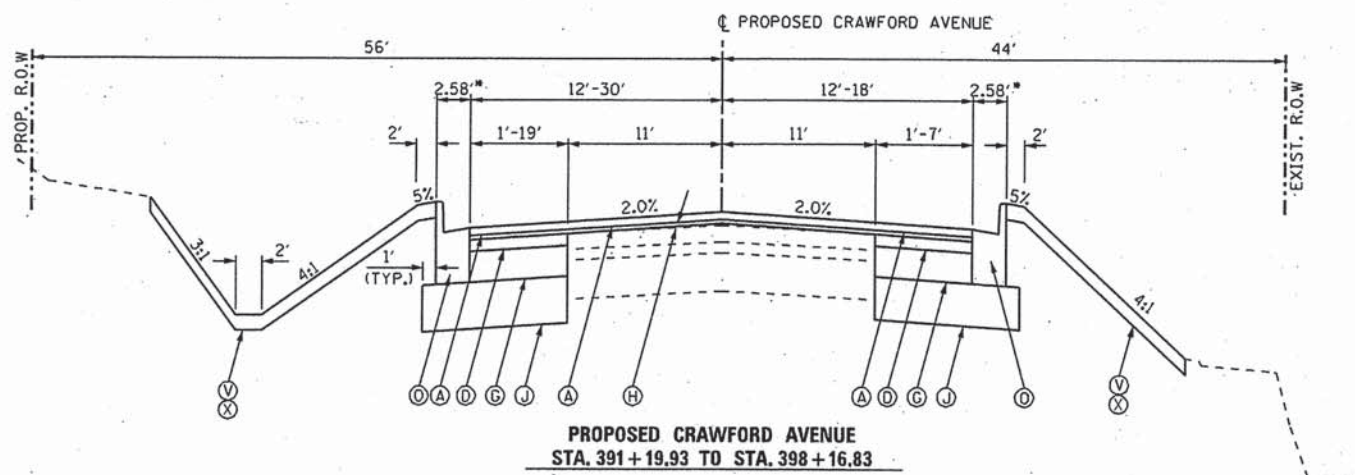


EXISTING CRAWFORD AVENUE  
STA. 391+19.93 TO STA. 398+16.83



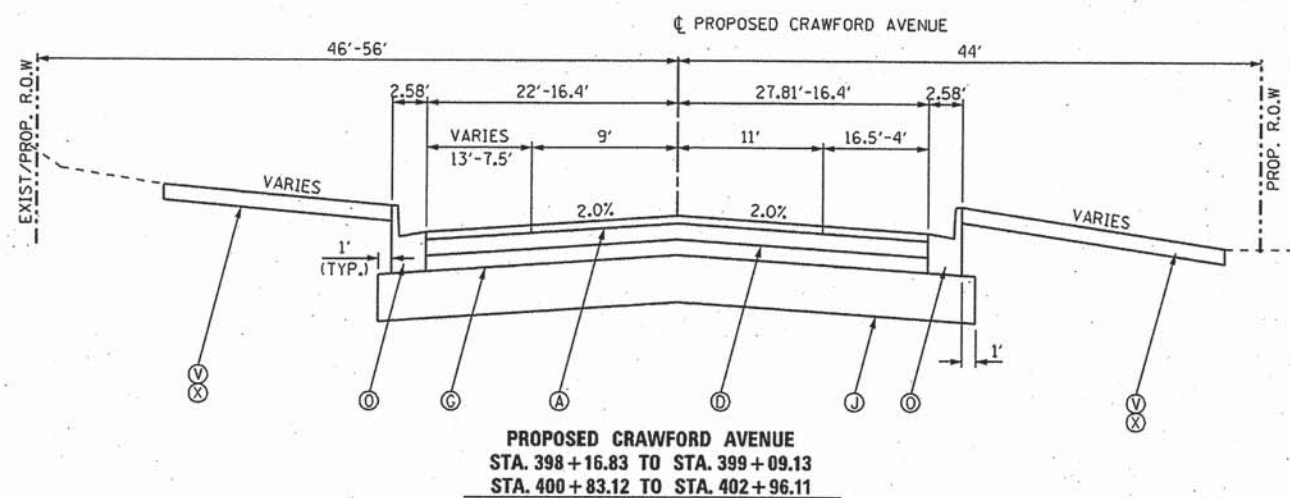
EXISTING CRAWFORD AVENUE  
STA. 402+96.11 TO STA. 404+85.20

NOTE: STA. 398+16.83 TO STA. 402+96.11  
CRAWFORD AVENUE/UNIVERSITY  
PARKWAY INTERSECTION OMISSION.  
EXISTING PAVEMENT STRUCTURE TO  
BE REMOVED.

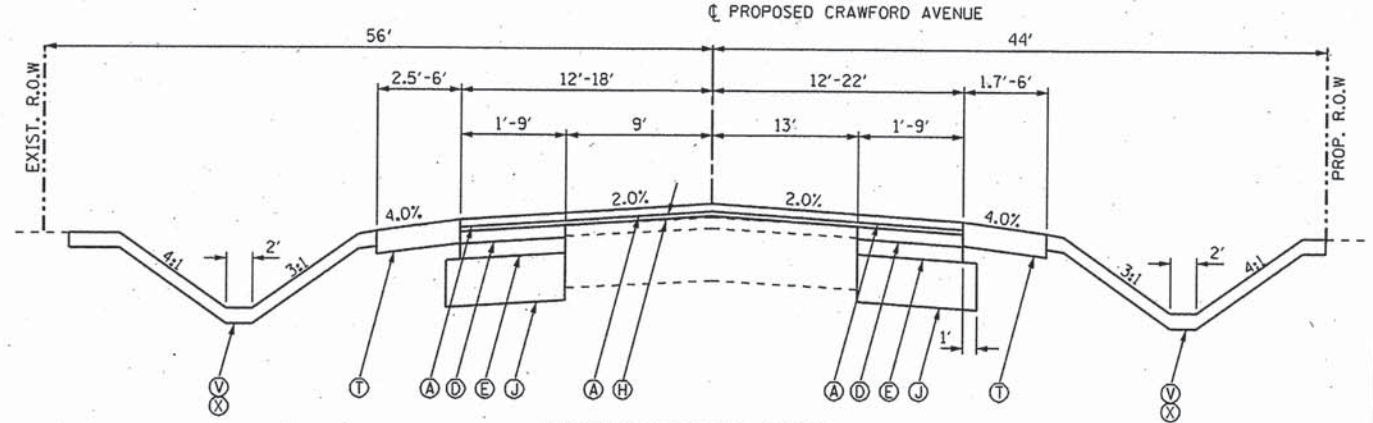


PROPOSED CRAWFORD AVENUE  
STA. 391+19.93 TO STA. 398+16.83

\* STA. 391+19.93 TO STA. 392+78.65 (LT.), STA. 393+04.58 (RT.)  
HOT-MIX ASPHALT SHOULDERS, 6" WIDTH VARIES,  
SEE PLAN AND PROFILE SHEETS



PROPOSED CRAWFORD AVENUE  
STA. 398+16.83 TO STA. 399+09.13  
STA. 400+83.12 TO STA. 402+96.11

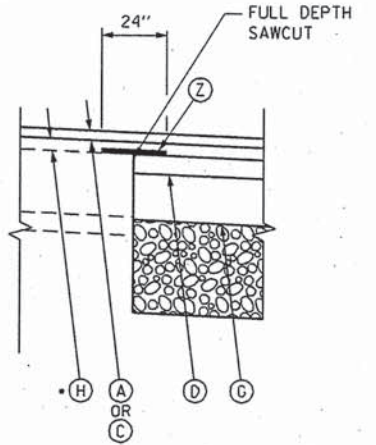


PROPOSED CRAWFORD AVENUE  
STA. 402+96.11 TO STA. 404+85.20

NOTE: STA. 398+92.95 TO STA. 400+83.12  
CRAWFORD AVENUE/UNIVERSITY  
PARKWAY INTERSECTION OMISSION.

- PROPOSED LEGEND**
- (A) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2.0"
  - (B) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2.0"
  - (C) "NOT USED"
  - (D) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 3"
  - (E) HOT-MIX ASPHALT BASE COURSE, 4"
  - (F) PCC SIDEWALK, 5"
  - (G) HOT-MIX ASPHALT BASE COURSE, 7.5"
  - (H) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50
  - (I) HOT-MIX ASPHALT SHOULDER, 6"
  - (J) AGGREGATE SUBGRADE, W/FABRIC, 12"
  - (K) "NOT USED"
  - (L) AGGREGATE BASE COURSE, TYPE B 8"
  - (M) "NOT USED"
  - (N) "NOT USED"
  - (O) COMBINATION CURB AND GUTTER, TYPE B-6.24
  - (P) "NOT USED"
  - (Q) "NOT USED"
  - (R) "NOT USED"
  - (S) "NOT USED"
  - (T) AGGREGATE SHOULDER, TYPE B 6"
  - (U) "NOT USED"
  - (V) FURNISH AND PLACE TOPSOIL, 4"
  - (W) SODDING (SALT TOLERANT)
  - (X) SEEDING CLASS 2A W/ MULCH (METHOD 3)
  - (Y) EROSION CONTROL BLANKET (OMIT IN SODDED AREAS)
  - (Z) STRIP REFLECTIVE CRACK CONTROL TREATMENT, SYSTEM A

- EXISTING LEGEND**
- (1) EXISTING PAVEMENT STRUCTURE:  
3"-7.5" BITUMINOUS CONCRETE  
4"-13.3" CRUSHED LIMESTONE
  - (2) EXISTING PAVEMENT STRUCTURE:  
1.9" BITUMINOUS CONCRETE (SURFACE)  
2.2" BITUMINOUS CONCRETE (SURFACE)  
2.8" BITUMINOUS CONCRETE (BINDER)  
10" CRUSHED LIMESTONE BASE
  - (3) EXISTING PAVEMENT STRUCTURE:  
2.7" BITUMINOUS CONCRETE (SURFACE)  
13.3" CRUSHED LIMESTONE BASE
  - (4) EXISTING AGGREGATE SHOULDER, VAR. THICKNESS
  - (5) EXISTING PAVEMENT STRUCTURE TO BE REMOVED
  - (6) EXISTING AGGREGATE SHOULDER TO BE REMOVED (INCLUDED AS PART OF EXCAVATION)
  - (7) EXISTING BITUMINOUS SURFACE REMOVAL, COLD MILLING (2")
  - (8) SAW CUT (FULL DEPTH) (INCLUDED IN COST OF ITEM BEING REMOVED)



**DETAIL A - WIDENING DETAIL (CRAWFORD AVENUE)**

(H) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS 2/4" OR LESS. IT SHALL ALSO BE USED FOR THE TOP 2/4" OF LEVELING OPERATIONS OF ANY THICKNESS.

(D) SHALL BE USED FOR LEVELING OPERATIONS OF THICKNESS GREATER THAN 2/4", BUT THE TOP 2/4" OF THE LEVELING OPERATION SHALL BE POLYMERIZED LEVELING BINDER.

\\cmt\engr\scott\edavis\proj\1637\1637-01\UNIVPKW\9E081508\Draw\CA001-Sheets\Typical3\_crawford.dgn  
 10/20/2015 - 2:12:20 PM



USER NAME = Ed Davis  
 FILE NAME: typical3\_crawford.dgn  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 10/20/2015 - 2:12:20 PM

DESIGNED - AS  
 DRAWN - AS  
 CHECKED - KDN  
 DATE - 1/16/2015

REVISED - 10-20-2015  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
 UNIVERSITY PARKWAY

SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
1637	96-00014-01-PV	WILL	119	16
				CONTRACT NO. 61A75

(ILLINOIS) FED. AID PROJECT