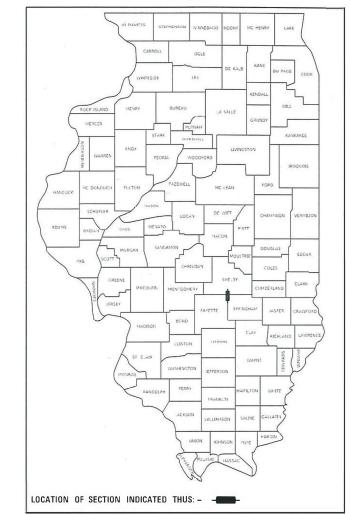
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SHELBY, FAYETTE & EFFINGH

D-97-015-19

774 D7 SAFETY SHLD 2020-1



PROPOSED HIGHWAY PLANS

FAP ROUTE 774
D7 SAFETY SHLD 2020–1
PROJECT HSIP–QWSE(601)
SHOULDERS
VARIOUS COUNTIES
(SHELBY, FAYETTE, AND EFFINGHAM)

STATION EQUATIONS:

724 + 20.1 BK = 724 + 33.4 AH 756 + 46.0 BK = 757 + 05.3 AH 810 + 67.2 BK = 811 + 63.2 AH

FOR INDEX OF SHEETS, SEE SHEET NO. 2

AADT (2021): 2900

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C-97-027-19



GROSS LENGTH = 24,261.40 FT. = 4.595 MILES

NET LENGTH = 23,615.40 FT. = 4.473 MILES

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 EXCAVATORS
1-800-892-0123

PROJECT ENGINEER: DEBRA G. BARRETT PROJECT MANAGER: LEVI LUND PHONE NO.: (217) 342–8243

CONTRACT NO. 74898

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

STATE OF ILLINOIS

REV. - MS

INDEX OF SHEETS

SHEET NO

COVER SHEET

2 GENERAL NOTES, INDEX OF SHEETS

TITLE

3 SUMMARY OF QUANTITIES

4 TYPICAL SECTIONS

LOCATION MAP

SCHEDULE OF QUANTITIES

7-10 DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

O00001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
O01006 DECIMAL OF AN INCH AND OF A FOOT
642006-01 SHOULDER RUMBLE STRIP, 8"
701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04 OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS >= 45 MPH
701901-08 TRAFFIC CONTROL DEVICES

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" INDICATED ON THE CHECK SHEET, AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THE WORK IN THIS SECTION CONSISTS OF PLACING HMA SAFETY SHOULDERS, AGGREGATE WEDGE SHOULDERS, RUMBLE STRIPS, AND ANY OTHER WORK NEEDED TO COMPLETE THIS SECTION.

ALL EXCESS MATERIAL FROM EXCAVATING AND GRADING EXISTING SHOULDERS SHALL BECOME THE PROPERTY OF I.D.O.T. AND SHALL BE HAULED TO AN I.D.O.T. STORAGE AREA. HAULING THE EXCESS MATERIAL SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE PRICES FOR EXCAVATING AND GRADING EXISTING SHOULDERS. THE STORAGE AREA IS NORTH OF THE JUNCTION OF US 40 AND OLD IL 128, THE MAINTENANCE FIELD ENGINEER, DOUG RUDOLPHI, SHALL BE CONTACTED AT 217-299-4636 ONE WEEK PRIOR TO DELIVERY OF THE EXCESS MATERIAL. CONTRACTOR SHALL PROVIDE EQUIPMENT TO PUCH STOCKPILED MATERIAL INTO A PILE.

HMA SHOULDERS SHALL BE OMITTED FROM LOCATIONS WHERE BASE COURSE WIDENING ALREADY EXISTS. HOWEVER, RUMBLE STRIPS SHALL BE CONSTRUCTED AT THESE LOCATIONS.

THE ENGINEER SHALL CHECK THE DEPTH AT EACH BOX CULVERT TO ENSURE 8" CLEARANCE. THE ENGINEER SHALL DETERMINE THE DEPTH TO MILL OR TO OMIT THE AREA COMPLETELY OF HMA SHOULDER.

OMIT RUMBLE STRIPS ON ALL SIDEROADS, PRIVATE, AND COMMERCIAL ENTRANCES AT RADIUS RETURNS. OMIT RUMBLE STRIPS AT MAILBOX TURNOUTS 60' BOTH SIDES OF THE MAILBOX OR AS DETERMINED BY THE ENGINEER. THESE OMISSIONS WILL NOT BE MEASURED FOR PAYMENT.

OMIT HMA SHOULDERS, 8" ON ALL HMA AND PCC SIDEROADS, AND HMA AND PCC ENTRANCES. FIELD ENTRANCES WITH HMA APRONS WILL NOT BE OMITTED FROM HOT-MIX ASPHALT SHOULDERS, 8".

MATERIAL FOR AGGREGATE WEDGE SHOULDER, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE OR RAP.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

| APPLICATION | AC/PG | DESIGN AIR VOIDS | MIXTURE COMPOSITION | FRICTION AGGREGATE | TESTING PARAMETER |
|-----------------------------------|----------|---------------------|------------------------|-----------------------|----------------------|
| HMA SHOULDERS 8" (TOP 2" LIFT) | PG 64-22 | 4.0% @ N=70 | IL - 9.5 | MIXTURE C | QC/QA |
| HMA SHOULDERS 8" (BOTTOM 6" LIFT) | PG 64-22 | 4.0% @ N=70 | IL - 19.0 | N/ A | QC/QA |

SHEET

| USER NAME = steffenmk | DESIGNED - | REVISED - | |
|-----------------------------|------------|-----------|--|
| | DRAWN - | REVISED - | |
| PLOT SCALE = 100.0000 / in. | CHECKED - | REVISED - | |
| PLOT DATE = 3/23/2021 | DATE - | REVISED - | |

ensibol Oncesibistict //rigietts//+690(t-Abbatat-Absileets/b//+6

90% FED 10% STATE

| | CUMMADY OF QUANTITIES | | | CON | STRUCTION TYPE | CODE |
|----------|------------------------------------------|--------|------------|--------|----------------|-----------|
| | SUMMARY OF QUANTITIES | | TOTAL | 0021 | 0021 | 0021 |
| CODE NO | ITEM | UNIT | QUANTITIES | SHELBY | FAYETTE | EFFINGHAM |
| | | | | | | |
| 20200600 | EXCAVATING AND GRADING EXISTING SHOULDER | UNIT | 366 | 130 | 141 | 95 |
| | | | | | | |
| 48102100 | AGGREGATE WEDGE SHOULDER, TYPE B | TON | 1391 | 493 | 537 | 361 |
| | | | | | | |
| 48203029 | HOT-MIX ASPHALT SHOULDERS, 8" | SO YD | 16245 | 5759 | 6269 | 4217 |
| | | | | | | |
| 64200108 | SHOULDER RUMBLE STRIPS, 8 INCH | F00T | 46179 | 19491 | 15133 | 11555 |
| | | | | | | |
| 67100100 | MOBILIZATION | LSUM | 1 | 0.44 | 0. 31 | 0. 25 |
| | | | | | | |
| 70100500 | TRAFFIC CONTROL AND PROTECTION, STANDARD | LSUM | 1 | 0.44 | 0. 31 | 0. 25 |
| | 701326 | | | | | |
| | | | | | | |
| 70103815 | TRAFFIC CONTROL SURVEILLANCE | CAL DA | 1 | 0.44 | 0. 31 | 0. 25 |
| | | | | | | |
| 70107025 | CHANGEABLE MESSAGE SIGN | CAL DA | 28 | 12.32 | 8. 68 | 7.00 |
| | | | | | | |
| 78001110 | PAINT PAVEMENT MARKING - LINE 4" | F00T | 46522 | 21591 | 15179 | 9752 |

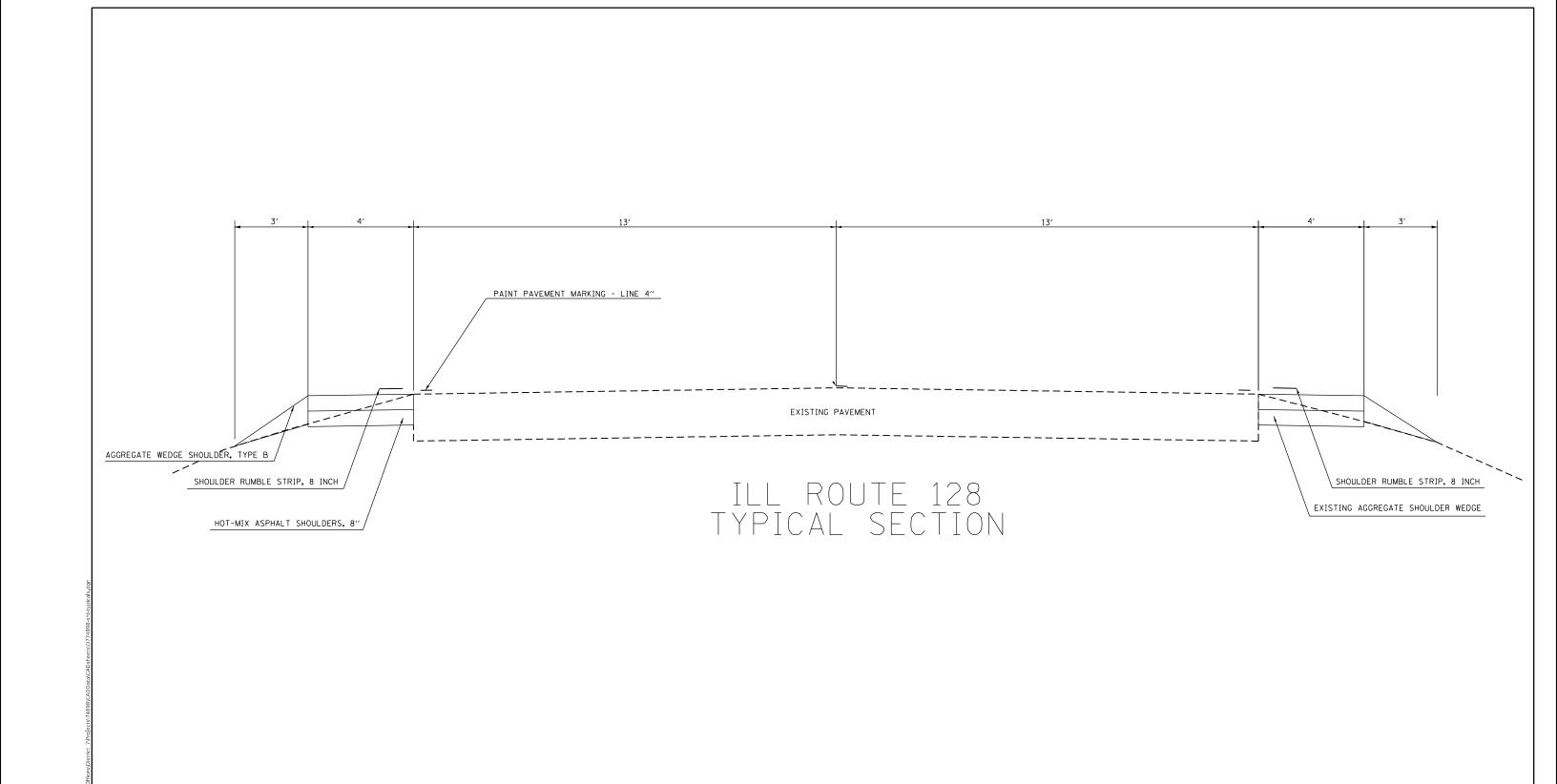
* SPECIALTY ITEM

REV. - MS

| USER NAME = steffenmk | DESIGNED - | REVISED - |
|-------------------------------|------------|-----------|
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000 ' / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/23/2021 | DATE - | REVISED - |

| STATE OF ILLINOIS | |
|------------------------------|--|
| DEPARTMENT OF TRANSPORTATION | |

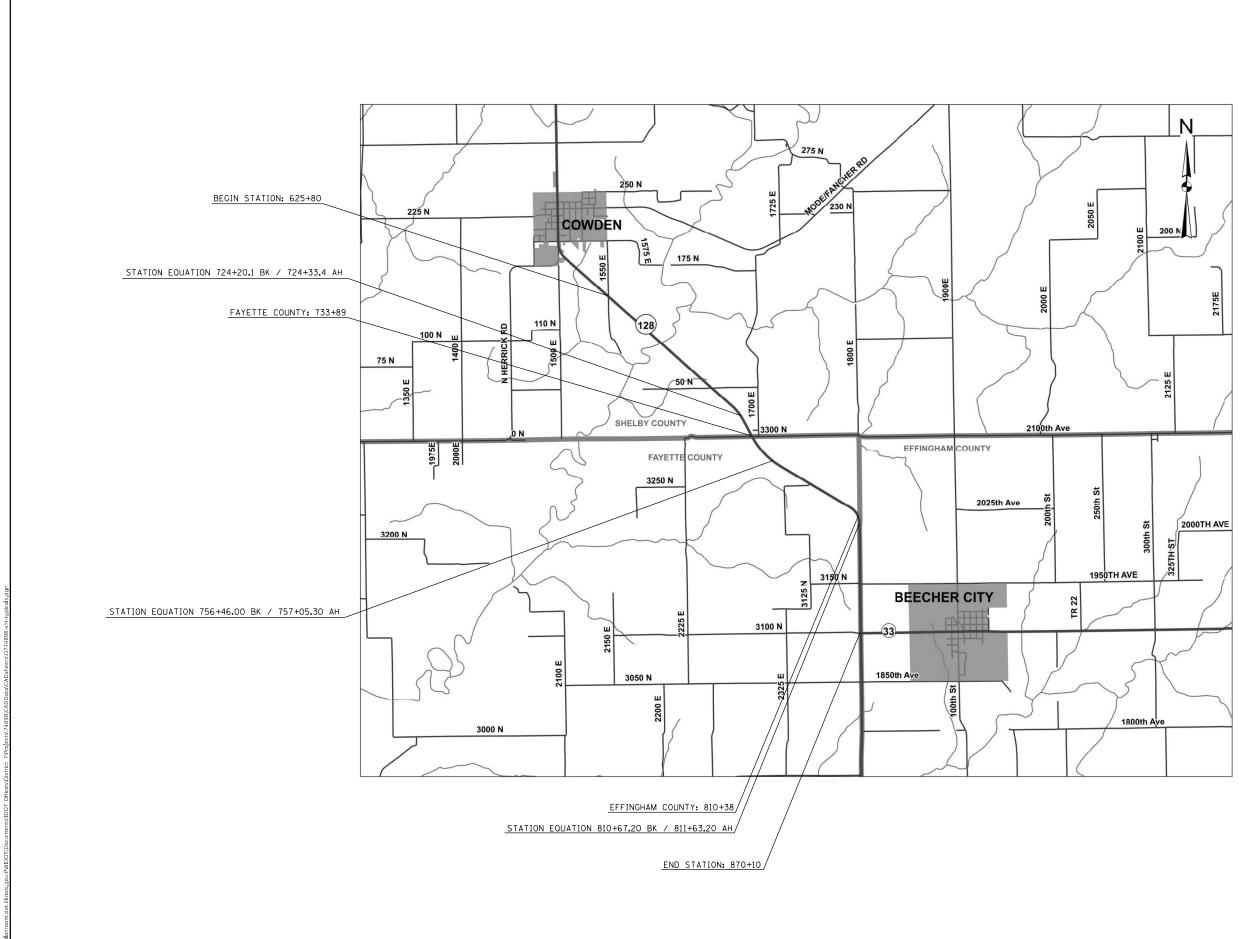
| OUNANADY OF QUANTITIES | | | | | | | SECT | ΓΙΟΝ | | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------|-----------------------|----|--------|------|---------|--|-------------|----------|---------|-----------|-----------------|--------------|
| | SUMMARY OF QUANTITIES | | | | | | D7 SAFETY S | HLD 20 | 20-1 | VARIOUS | 10 | 3 |
| | | | | | | | | | | CONTRACT | NO. 74 | 1898 |
| SCALE: | SHEET | OF | SHEETS | STA. | TO STA. | | | ILLINOIS | FED. AI | D PROJECT | | |



| USER NAME = steffenmk | DESIGNED - | REVISED - |
|-----------------------------|------------|-----------|
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000 / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/23/2021 | DATE - | REVISED - |

| STATE 0 | F ILLINOIS |
|---------------|----------------|
| DEPARTMENT OF | TRANSPORTATION |

| | | | | | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
|-----|-------|----|----------|------|---------|---------------------------|-----------------------|----------|-----------------|--------------|--|
| | | | TYPICALS | | | 774 | D7 SAFETY SHLD 2020-1 | VARIOUS | 10 | 4 | |
| | | | | | | | | CONTRACT | NO. 74 | 1898 | |
| LE: | SHEET | OF | SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT | | | | | |
| | | | | | | | | | | | |



SCALE: SHEET OF SHEETS STA. TO STA.

| SCHEDULE OF QUANTITIES | | | | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-----------------------|-------------|--------------|-------------------------|-------------------|-------------------------|---------------------|
| AND GRADING EXISTING SHOULDER, | | | | | SCHEDUL | E OF QUANTITIES | | | |
| STATION TO STATION LENGTH WIDTH 20200600 48102100 48203029 64200108 LT (FOOT) (FOOT) (UNIT) (TON) (SQ YD) (FOOT) 625+80.0 TO 646+98.0 2118.0 26.0 20.6 78.3 914.7 2058.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2746.0 681+76.0 TO 724+20.1 4244.1 26.0 39.6 150.6 1759.2 3958.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 93.6 130.6 1759.2 3958.1 724+33.4 TO 733+89.0 955.6 26.0 9.0 34.4 401.6 903.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 53.3 202.8 2370.1 5332.7 810+67.2 | | | | | | AND GRADING EXISTING | WEDGE SHOULDER | ASPHALT SHOULDERS, 8 | RUMBLE STRIPS, 8 |
| LT | | | | | | | | | |
| 625+80.0 TO 646+98.0 2118.0 26.0 20.6 78.3 914.7 2058.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2746.0 681+76.0 TO 724+20.1 4244.1 26.0 39.6 150.6 1759.2 3958.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 724+33.4 TO 733+89.0 955.6 26.0 9.0 34.4 401.6 903.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 810+67.2 29.2 26.0 0.3 1.1 13.0 29.2 810+38.0 TO 810+67.2 29.2 26.0 0.3 1.1 13.0 29.2 810+38.0 TO 810+67.2 29.2 26.0 0.3 | STATI | | ATION | | | | | | |
| 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2746.0 681+76.0 TO 724+20.1 4244.1 26.0 39.6 150.6 1759.2 3958.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 724+33.4 TO 733+89.0 955.6 26.0 9.0 34.4 401.6 903.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 810+38.0 5332.7 26.0 53.3 202.8 2370.1 5332.7 810+38.0 TO 810+67.2 29.2 26.0 0.3 1.1 13.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 311-63.2 481.1 183.0 2138.1 4810.8 860+10.0 TO 870+10.0 </td <td></td> <td></td> <td></td> <td>, , , , , ,</td> <td>, , , , , ,</td> <td></td> <td>Val. 140 0000</td> <td>, , ,</td> <td></td> | | | | , , , , , , | , , , , , , | | Val. 140 0000 | , , , | |
| 681+76.0 TO 724+20.1 4244.1 26.0 39.6 150.6 1759.2 3958.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 724+33.4 TO 733+89.0 955.6 26.0 9.0 34.4 401.6 903.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 5332.7 757+05.3 TO 810+38.0 5332.7 26.0 53.3 202.8 2370.1 5332.7 810+38.0 TO 810+67.2 29.2 26.0 0.3 1.1 13.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 55.3 1.1 13.0 29.2 810+67.2 TO 860+10.0 4846.8 26.0 48.1 183.0 2138.1 4810.8 860+10.0 TO 870+10.0 1 | | | | | | | 1 5.15 | | |
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| 724+33.4 TO 733+89.0 955.6 26.0 9.0 34.4 401.6 903.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 53.3 202.8 2370.1 5332.7 810+38.0 TO 810+67.2 29.2 26.0 0.3 1.1 13.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 860+10.0 4846.8 26.0 48.1 183.0 2138.1 4810.8 860+10.0 TO 860+10.0 1000.0 26.0 0.0 0.0 0.0 943.0 RT 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 646+98.0 218.0 26.0 0.0 0.0 0.0 2832.0 | 681+76.0 | ТО | 724+20.1 | 4244.1 | 26.0 | 39.6 | | | 3958.1 |
| 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 810+38.0 5332.7 26.0 53.3 202.8 2370.1 5332.7 810+38.0 TO 810+67.2 29.2 26.0 0.3 1.1 13.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 860+10.0 4846.8 26.0 48.1 183.0 2138.1 4810.8 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 943.0 RT 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2323.0 681+76.0 TO 72 | 724+20.1 | TO | 724+33.4 | 13.3 | 26.0 | | STATION EC | UATION | |
| 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 810+38.0 5332.7 26.0 53.3 202.8 2370.1 5332.7 810+38.0 TO 810+67.2 29.2 26.0 0.3 1.1 13.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 860+10.0 4846.8 26.0 48.1 183.0 2138.1 4810.8 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 943.0 RT 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2832.0 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+33.4 13.3 | 724+33.4 | ТО | 733+89.0 | 955.6 | 26.0 | 9.0 | 34.4 | 401.6 | 903.6 |
| 757+05.3 TO 810+38.0 5332.7 26.0 53.3 202.8 2370.1 5332.7 810+38.0 TO 810+67.2 29.2 26.0 0.3 1.1 13.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 860+10.0 4846.8 26.0 48.1 183.0 2138.1 4810.8 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 943.0 RT 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2832.0 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+20.1 TO 724+33.4 13.3 26.0 8.2 31.2 364.3 819.6 | 733+89.0 | TO | 756+46.0 | 2257.0 | 26.0 | 22.6 | 85.9 | 1003.1 | 2257.0 |
| 810+38.0 TO 810+67.2 29.2 26.0 0.3 1.1 13.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 860+10.0 4846.8 26.0 48.1 183.0 2138.1 4810.8 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 943.0 RT 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 0.0 2832.0 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 8.2 31.2 364.3 819.6 <t< td=""><td>756+46.0</td><td>TO</td><td>757+05.3</td><td>59.3</td><td>26.0</td><td colspan="3">STATION EQUATION</td><td></td></t<> | 756+46.0 | TO | 757+05.3 | 59.3 | 26.0 | STATION EQUATION | | | |
| 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 860+10.0 4846.8 26.0 48.1 183.0 2138.1 4810.8 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 943.0 RT 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2832.0 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION \$12433.4 10 733+89.0 955.6 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 | 757+05.3 | TO | 810+38.0 | 5332.7 | 26.0 | 53.3 | 202.8 | 2370.1 | 5332.7 |
| 811+63.2 TO 860+10.0 4846.8 26.0 48.1 183.0 2138.1 4810.8 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 943.0 RT 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2832.0 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+20.1 TO 724+33.4 13.3 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 42.6 162.0 1892.8 | 810+38.0 | TO | 810+67.2 | 29.2 | 26.0 | 0.3 | 1.1 | 13.0 | 29.2 |
| 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 943.0 RT 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 0.0 2832.0 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 724+33.4 TO 733+89.0 955.6 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO < | 810+67.2 | TO | 811+63.2 | 96.0 | 26.0 | | STATION EC | UATION | |
| RT 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2832.0 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 724+33.4 TO 733+89.0 955.6 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 26.0 0.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 0.0 936.0 | 811+63.2 | TO | 860+10.0 | 4846.8 | 26.0 | 48.1 | 183.0 | 2138.1 | 4810.8 |
| 625+80.0 TO 646+98.0 2118.0 26.0 11.6 44.2 516.4 2118.0 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2832.0 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 724+33.4 TO 733+89.0 955.6 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 2 | 860+10.0 | ТО | 870+10.0 | 1000.0 | 26.0 | 0.0 | 0.0 | 0.0 | 943.0 |
| 646+98.0 TO 681+76.0 3478.0 26.0 0.0 0.0 0.0 2832.0 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 724+33.4 TO 733+89.0 955.6 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 26.0 0.0 0.0 0.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 | | RT | ** | | | | | | |
| 681+76.0 TO 724+20.1 4244.1 26.0 40.6 154.3 1802.7 4056.1 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 724+33.4 TO 733+89.0 955.6 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 26.0 0.0 0.0 0.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 | 625+80.0 | то | 646+98.0 | 2118.0 | 26.0 | 11.6 | 44.2 | 516.4 | 2118.0 |
| 724+20.1 TO 724+33.4 13.3 26.0 STATION EQUATION 724+33.4 TO 733+89.0 955.6 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 26.0 0.0 0.0 0.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066 | 646+98.0 | ТО | 681+76.0 | 3478.0 | 26.0 | 0.0 | 0.0 | 0.0 | 2832.0 |
| 724+33.4 TO 733+89.0 955.6 26.0 8.2 31.2 364.3 819.6 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 26.0 0.0 0.0 0.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 | 681+76.0 | ТО | 724+20.1 | 4244.1 | 26.0 | 40.6 | 154.3 | 1802.7 | 4056.1 |
| 733+89.0 TO 756+46.0 2257.0 26.0 22.6 85.9 1003.1 2257.0 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 26.0 0.0 0.0 0.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 936.0 | 724+20.1 | ТО | 724+33.4 | 13.3 | 26.0 | | STATION EC | UATION | |
| 756+46.0 TO 757+05.3 59.3 26.0 STATION EQUATION 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 26.0 0.0 0.0 0.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 0.0 936.0 | 724+33.4 | TO | 733+89.0 | 955.6 | 26.0 | 8.2 | 31.2 | 364.3 | 819.6 |
| 757+05.3 TO 800+10.0 4304.7 26.0 42.6 162.0 1892.8 4258.7 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 26.0 0.0 0.0 0.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 0.0 936.0 | 733+89.0 | TO | 756+46.0 | 2257.0 | 26.0 | 22.6 | 85.9 | 1003.1 | 2257.0 |
| 800+10.0 TO 810+38.0 1028.0 26.0 0.0 0.0 0.0 1028.0 810+38.0 TO 810+67.2 29.2 26.0 0.0 0.0 0.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 936.0 | 756+46.0 | TO | 757+05.3 | 59.3 | 26.0 | | STATION EC | UATION | |
| 810+38.0 TO 810+67.2 29.2 26.0 0.0 0.0 0.0 29.2 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 936.0 | 757+05.3 | ТО | 800+10.0 | 4304.7 | 26.0 | 42.6 | 162.0 | 1892.8 | 4258.7 |
| 810+67.2 TO 811+63.2 96.0 26.0 STATION EQUATION 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 936.0 | 800+10.0 | ТО | 810+38.0 | 1028.0 | 26.0 | 0.0 | 0.0 | 0.0 | 1028.0 |
| 811+63.2 TO 812+57.0 93.8 26.0 0.0 0.0 0.0 93.8 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 936.0 | 810+38.0 | ТО | 810+67.2 | 29.2 | 26.0 | 0.0 | 0.0 | 0.0 | 29.2 |
| 812+57.0 TO 860+10.0 4753.0 26.0 46.5 176.8 2066.2 4713.0 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 936.0 | 810+67.2 | ТО | 811+63.2 | 96.0 | 26.0 | , | STATION EC | UATION | |
| 860+10.0 TO 870+10.0 1000.0 26.0 0.0 0.0 0.0 936.0 | 811+63.2 | ТО | 812+57.0 | 93.8 | 26.0 | 0.0 | 0.0 | 0.0 | 93.8 |
| | 812+57.0 | ТО | 860+10.0 | 4753.0 | 26.0 | 46.5 | 176.8 | 2066.2 | 4713.0 |
| TOTALS: 366 1391 16245 46180 | 860+10.0 | ТО | 870+10.0 | 1000.0 | 26.0 | 0.0 | 0.0 | 0.0 | 936.0 |
| TOTALS. 300 1331 10243 40180 | | | | | TOTALS: | 366 | 1391 | 16245 | 46180 |

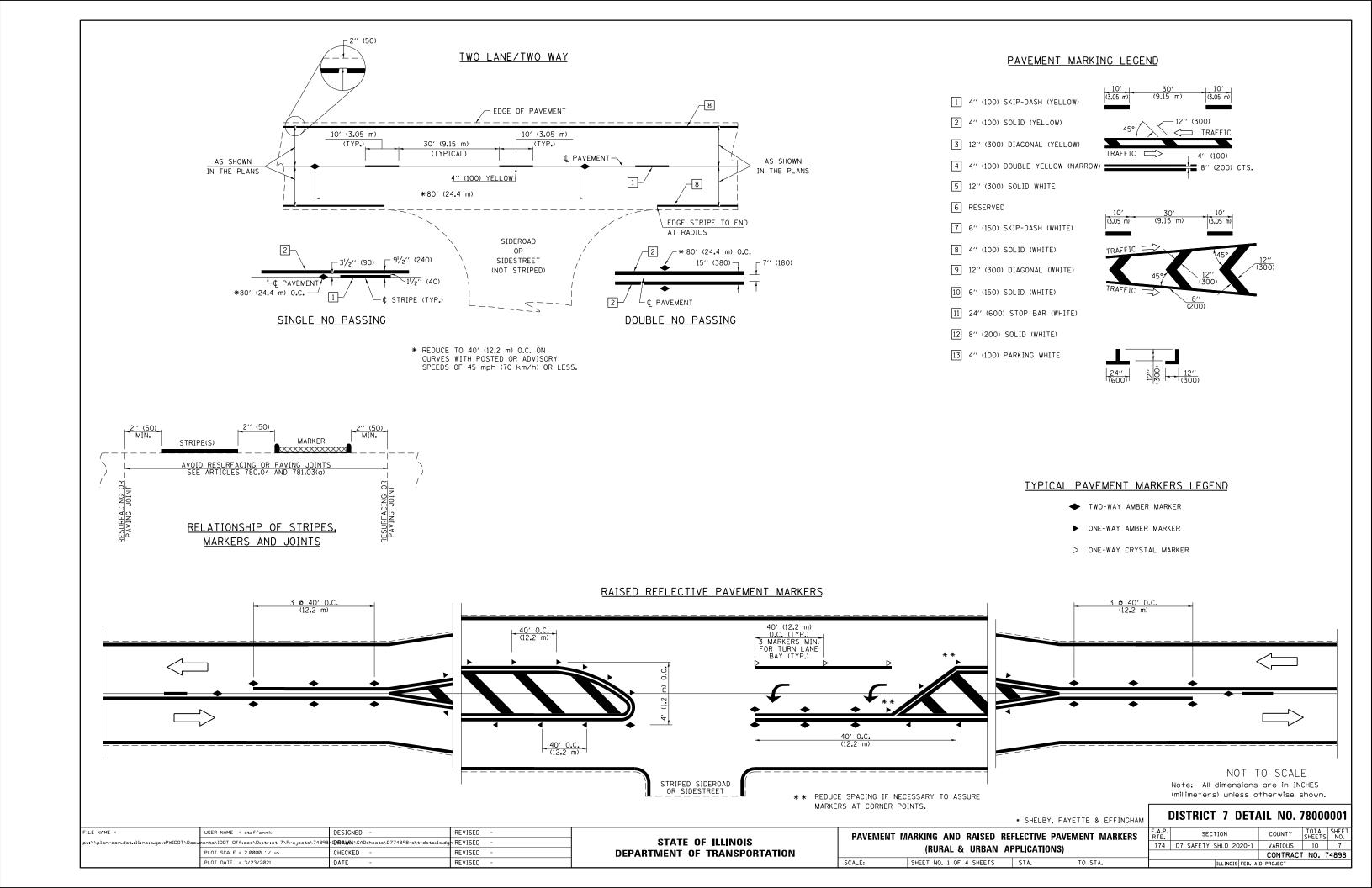
| | STRIPING SCHEDULE | | | | | | | | | |
|----------|-------------------|----------|------------------|--|--|--|--|--|--|--|
| STATION | TO | STATION | WHITE EDGELINE | | | | | | | |
| 625+80.0 | 625+80.0 TO | | 19680.20 | | | | | | | |
| 724+20.1 | TO | 724+33.4 | STATION EQUATION | | | | | | | |
| 724+33.4 | TO | 733+89.0 | 1911.20 | | | | | | | |
| 733+89.0 | TO | 756+46.0 | 4514.00 | | | | | | | |
| 756+46.0 | TO | 757+05.3 | STATION EQUATION | | | | | | | |
| 757+05.3 | TO | 810+38.0 | 10665.40 | | | | | | | |
| 810+38.0 | TO | 810+67.2 | 58.40 | | | | | | | |
| 810+67.2 | TO | 811+63.2 | STATION EQUATION | | | | | | | |
| 811+63.2 | TO | 860+10.0 | 9693.60 | | | | | | | |
| | | TOTAL: | 46522 | | | | | | | |

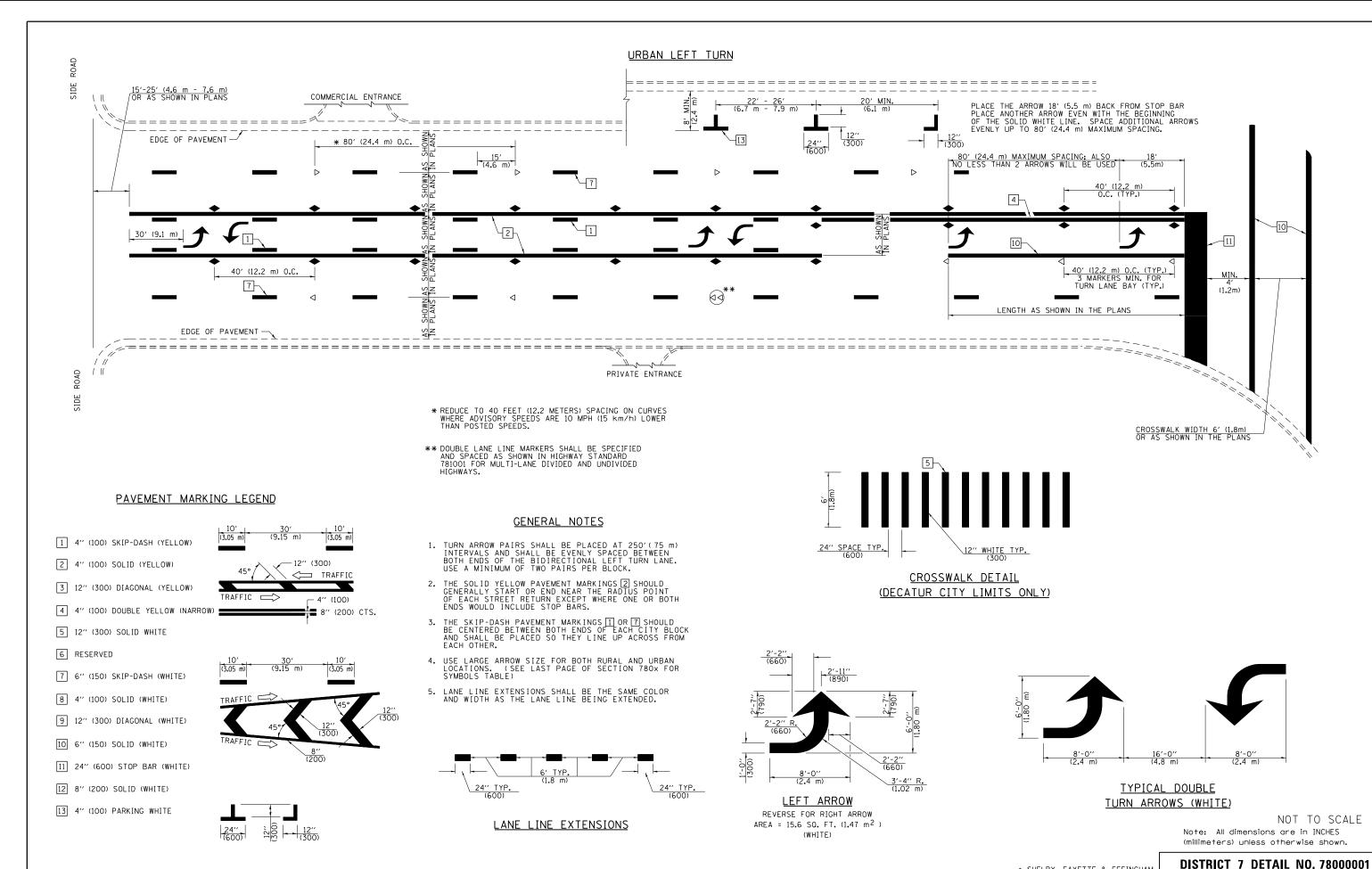
| USER NAME = steffenmk | DESIGNED - | REVISED - |
|-----------------------------|------------|-----------|
| | DRAWN - | REVISED - |
| PLOT SCALE = 100.0000 / in. | CHECKED - | REVISED - |
| PLOT DATE = 3/23/2021 | DATE - | REVISED - |
| | | |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

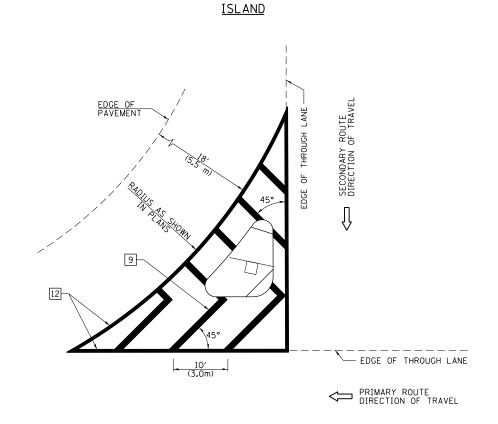
| CONTENTED OF CHANTETES | | | | | | | | | SECTION | COUNTY TOTAL SHEET | | | |
|-------------------------|-------|---|----|---|--------|------|---------|---------------------------|---------------------------|--------------------|---|--|--|
| SCHEDULES OF QUANTITIES | | | | | | | 774 | 774 D7 SAFETY SHLD 2020-1 | | 10 | 6 | | |
| | | | | | | | | CONTRACT NO. 74 | | | | | |
| CALE: | SHEET | 1 | OF | 1 | SHEETS | STA. | TO STA. | | ILLINOIS FED. AID PROJECT | | | | |

lov:PWIDOT\Documents\IDOT Offices\District 7\Projects\74898\CADData\CADsheets\D7489



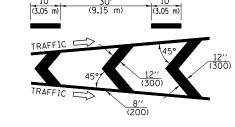


* SHELBY, FAYETTE & EFFINGHAM FILE NAME = DESIGNED REVISED USER NAME = steffenmk COUNTY PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS STATE OF ILLINOIS nts\IDOT Offices\District 7\Projects\7489 . (ΓΑΒΙΔΑΝΝΑ \CADsheets\D774898-sht-details. REVISED VARIOUS 10 8 774 D7 SAFETY SHLD 2020-1 (RURAL & URBAN APPLICATIONS) CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 74898 SCALE: SHEET NO. 2 OF 4 SHEETS STA. PLOT DATE = 3/23/2021 DATE REVISED



PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW) 3 12" (300) DIAGONAL (YELLOW)
- _ 4" (100)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE



= 8" (200) CTS.



GENERAL NOTES

PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.

THE DIAGONAL PAVEMENT MARKING SPACING:

<30 MPH (<50 km/h)
30-45 MPH (50-75 km/h
>45 MPH (>75 km/h

1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH 2 IF PRESENT.

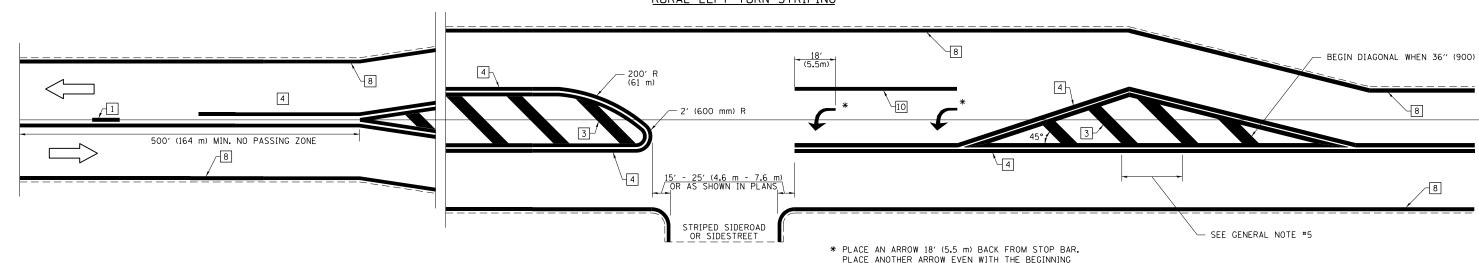
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.

4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.

5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING

15' (4.5 m)

20' (6.0 m) 30' (9.0 m)



PLACE AN ARROW 18 (5.5 III) BACK FROM STOF BAR.
PLACE ANOTHER ARROW EVEN WITH THE BEGINNING
OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS
EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING.
USE MINIMUM OF 2 ARROWS.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

| ME - | USER NAME = steffenmk | DESIGNED - | REVISED - | |
|------|-----------------------|------------|-----------|------------------------------|
| | | | | • SHELBY, FAYETTE & EFFINGHA |

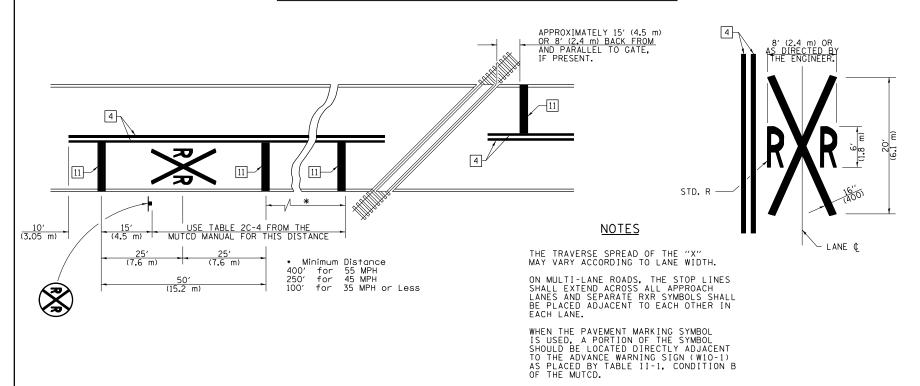
| FILE NAME = | USER NAME = steffenmk | DESIGNED - | REVISED - | |
|--------------------------------------------|----------------------------------------------|-------------------------------------------|-----------|------------------------------|
| pw://planroom.dot.illinois.gov:PWIDOT/Docu | ments\IDOT Offices\District 7\Projects\74898 | (DRAMM) CADsheets \D774898-sht-details.dg | REVISED - | STATE OF ILLINOIS |
| | PLOT SCALE = 2.0000 '/ in. | CHECKED - | REVISED - | DEPARTMENT OF TRANSPORTATION |
| | PLOT DATE = 3/23/2021 | DATE - | REVISED - | |

| PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS) | | | | | | | |
|--------------------------------------------------------------------------------------|----------------|----------|------|---------|--|--|--|
| (HOHAL & OHDAN AFFLICATIONS) | | | | | | | |
| SCALE: | SHEET NO. 3 OF | 4 SHEETS | STA. | TO STA. | | | |

| .Р. Е. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | | | | |
|--------------------|---------------------------|---------|-----------------|--------------|--|--|--|--|--|--|
| 74 | D7 SAFETY SHLD 2020-1 | VARIOUS | 10 | 9 | | | | | | |
| CONTRACT NO. 74898 | | | | | | | | | | |
| | ILLINOIS FED. AID PROJECT | | | | | | | | | |

DISTRICT 7 DETAIL NO. 78000001

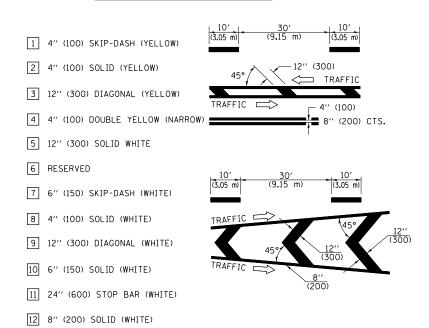
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



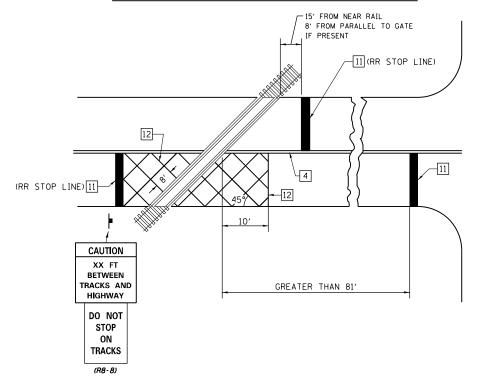
SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

PAVEMENT MARKING LEGEND

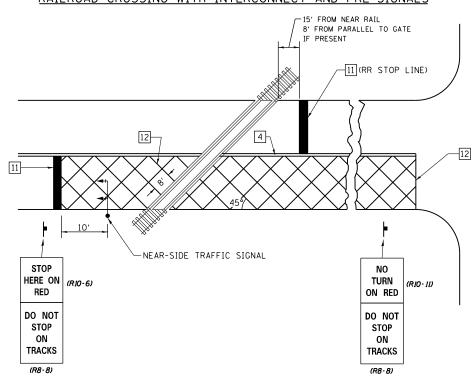
13 4" (100) PARKING WHITE



RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- 2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

| | • SHELBY, FAYETTE & EFFINGHAM | | | | | | | | DISTRICT 7 DETA | ۱L NO. 7 | 78000001 |
|--------------------------------------------|----------------------------------------------|---------------------------------------------|-----------|------------------------------|---------------------------------------------------------|-------------------------|--------------|---------|-----------------------|-------------|-------------|
| FILE NAME = | USER NAME = steffenmk | DESIGNED - | REVISED - | | PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS | | F.A.P. | SECTION | COUNTY | TOTAL SHEET | |
| pw:\\planroom.dot.illinois.gov:PWIDOT\Docu | ments\IDOT Offices\District 7\Projects\74891 | 8 (DRAWN) CADsheets \D774898-sht-details.de | REVISED - | STATE OF ILLINOIS | | | | | D7 SAFETY SHLD 2020-1 | VARIOUS | 10 10 |
| | PLOT SCALE = 2.0000 ' / in. | CHECKED - | REVISED - | DEPARTMENT OF TRANSPORTATION | (RURAL & URBAN APPLICATIONS) | | | | | | T NO. 74898 |
| | PLOT DATE = 3/23/2021 | DATE - | REVISED - | | SCALE: | SHEET NO. 4 OF 4 SHEETS | STA. TO STA. | | TILINOIS FED AT | | |