

CONSTRUCTION PLANS FOR WILLARD AIRPORT

UNIVERSITY OF ILLINOIS SAVOY, IL

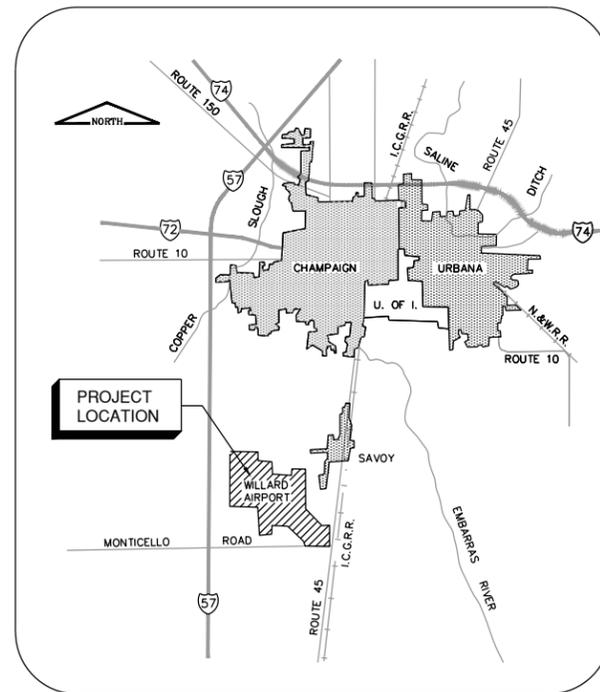
IL. PROJ. NO: CMI-5042

| SUMMARY OF QUANTITIES | | | |
|--|-------------------------------|--------|----------|
| BASE BID | | | |
| ITEM NO. | DESCRIPTION | UNIT | QUANTITY |
| AR150520 | MOBILIZATION | L SUM | 1 |
| AR152515 | SUBGRADE UNDERCUT | CU YD | 210 |
| AR201670 | CRACK CONTROL FABRIC | SQ YD | 230 |
| AR401610 | BITUMINOUS SURFACE COURSE | TON | 710 |
| AR401650 | BITUMINOUS PAVMENT MILLING | SQ YD | 5400 |
| AR603510 | BITUMINOUS TACK COAT | GALLON | 1125 |
| AR620520 | PAVEMENT MARKING - WATERBORNE | SQ FT | 700 |
| AR910410 | PARKING BLOCK | EACH | 23 |
| AR910415 | REMOVE PARKING BLOCK | EACH | 29 |
| AR910420 | BOLLARD | EACH | 2 |
| AR910975 | RELOCATE ROADWAY SIGN | EACH | 1 |
| ADDITIVE ALTERNATE #1 - HMA REINFORCEMENT FIBERS | | | |
| ITEM NO. | DESCRIPTION | UNIT | QUANTITY |
| AS201670 | CRACK CONTROL FABRIC | SQ YD | 2100 |
| ADDITIVE ALTERNATE #2 - LJS & CRACK CONTROL | | | |
| ITEM NO. | DESCRIPTION | UNIT | QUANTITY |
| AT401663 | LONGITUDINAL JOINT SEALANT | FOOT | 700 |
| ADDITIVE ALTERNATE #3 - SUBGRADE REPAIR | | | |
| ITEM NO. | DESCRIPTION | UNIT | QUANTITY |
| AU152515 | SUBGRADE UNDERCUT | CU YD | 210 |
| AU201670 | CRACK CONTROL FABRIC | SQ YD | 230 |
| AU401610 | BITUMINOUS SURFACE COURSE | TON | 30 |

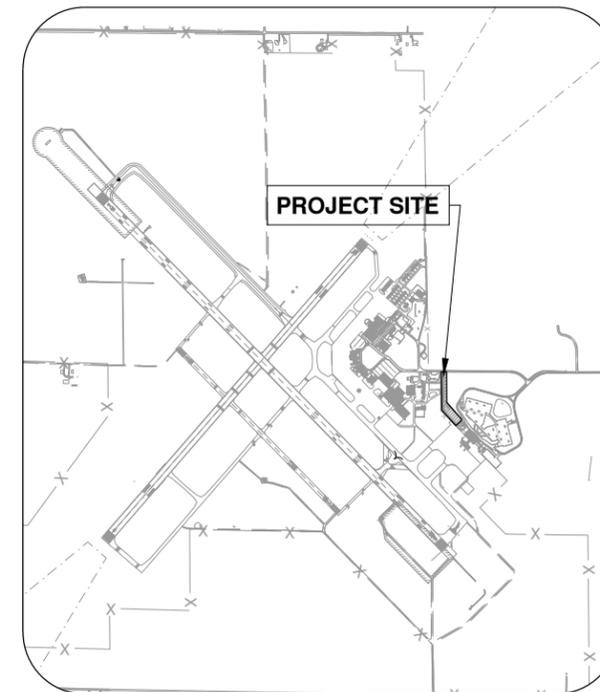
| Sheet List Table | |
|------------------|---|
| Sheet Number | Sheet Title |
| GI001 | COVER SHEET |
| GI101 | AIRPORT SITE PLAN |
| GC001 | CONSTRUCTION SAFETY & PHASING NOTES & DETAILS |
| GC101 | CONSTRUCTION ACTIVITY PLAN |
| CD101 | EXISTING CONDITIONS 1 |
| CP101 | PROPOSED CONTROL & ALIGNMENT DATA |
| CP102 | PROPOSED IMPROVEMENTS |
| CP501 | PAVING & MISC. DETAILS |
| CS101 | STAKING PLAN 1 |
| CM101 | MARKING & SIGNAGE PLAN |
| CM501 | MARKING & SIGNAGE DETAILS |

REHABILITATE AIRPORT ENTRANCE ROAD AND EMPLOYEE AUTOMOBILE PARKING LOT

NOVEMBER 08, 2024



LOCATION MAP



SITE PLAN

GROUND CONTROL RADIO FREQUENCY - 121.8
ATIS FREQUENCY - 124.85
APPROXIMATE MAXIMUM HEIGHT OF EQUIPMENT
ABOVE GROUND IS 25 FT.

UNIVERSITY OF ILLINOIS



APPROVED *[Signature]*

PRINTED Timothy A. Bannon, A.A.E.

DATE September 13, 2024



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SUBMITTED BY *[Signature]*

DATE September 13, 2024

CMT JOB NUMBER: 22004995



September 13, 2024
Exp. 11/30/2025

CALL J.U.I.E.
BEFORE EXCAVATING
1-800-892-0123

UNIVERSITY OF ILLINOIS - WILLARD AIRPORT

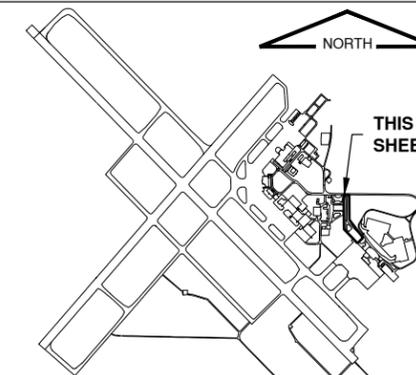
TOWNSHIP: T 18 N
RANGE: R 8 E
COUNTY: CHAMPAIGN
SECTION 2, 3, 10 AND 11

TAXIWAY A

AIRPLANE DESIGN GROUP - ADG III
TAXIWAY DESIGN GROUP III
DESIGN APPROACH CATEGORY - C

K:\Champaign\22004995-00_CMI\Rehab\PKL\Phase3\Draw\Sheets
 FILE: 22004995-G1001.dwg
 UPDATE BY: Chris Groth
 PLOT DATE: 9/27/2024 8:52 AM

KEYMAP



LEGEND

- NEW 2" HMA SURFACE
- NEW 2.5" HMA SURFACE
- CONTROL POINT

100%
NOVEMBER 08, 2024

REHABILITATE AIRPORT
ENTRANCE ROAD AND
EMPLOYEE AUTOMOBILE
PARKING LOT

OWNER



UNIVERSITY OF ILLINOIS
WILLARD AIRPORT
SAVOY, IL

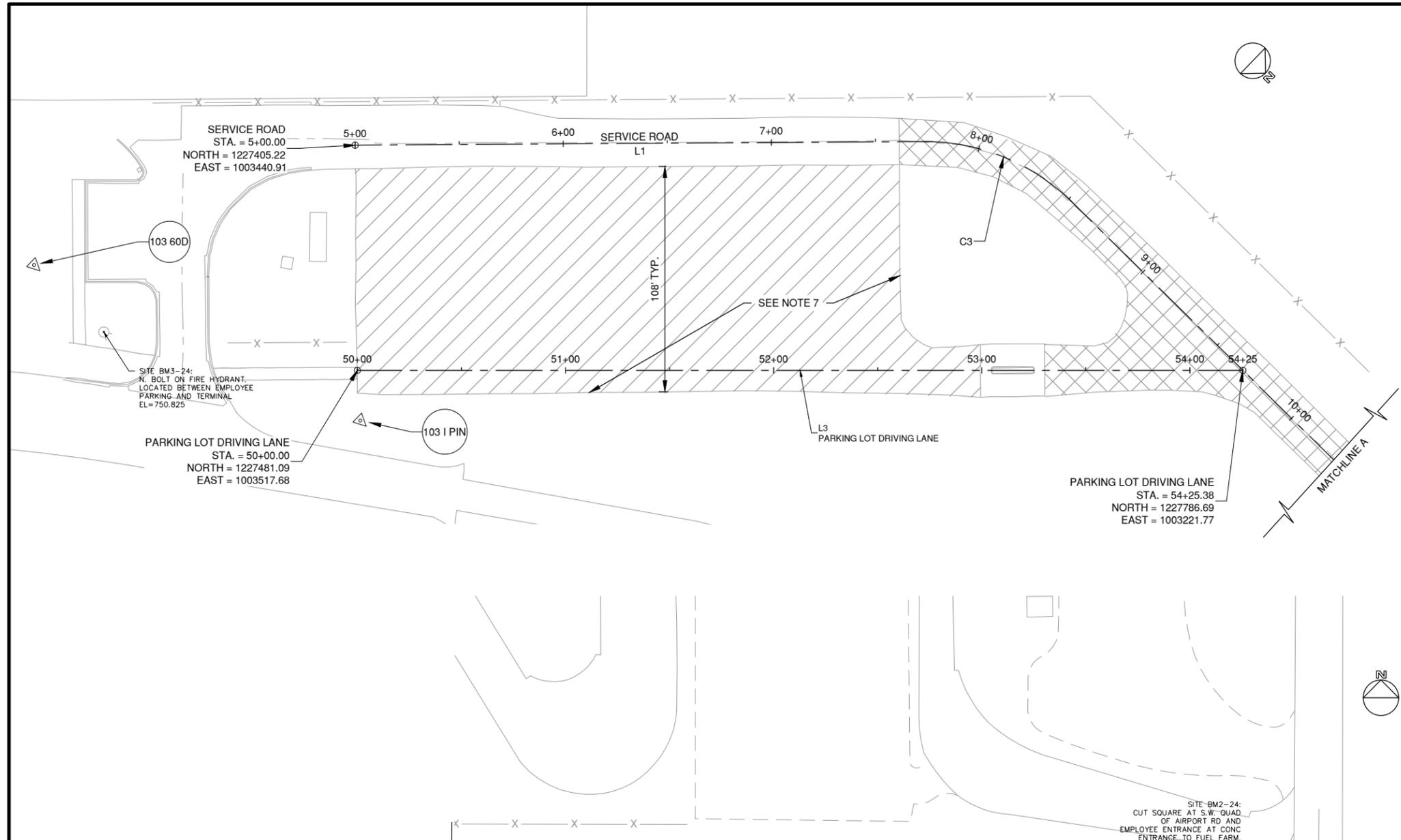
NOTES

1. ALL PROJECT BENCHMARKS AND CONTROL POINTS SHOULD BE FIELD CHECKED FOR POSSIBLE DISTURBANCE PRIOR TO UTILIZING THEM FOR STAKING PURPOSES.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE COORDINATES BASED ON THE DIMENSIONS SHOWN IN THE PLANS.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THIS DRAWING WITH THE OTHER DRAWINGS THAT CONTAIN DIMENSIONS TO ENSURE THAT THE PLAN DIMENSIONS ARE CONSISTENT WITH THE COORDINATES PRESENTED ON THE PLAN. FOLLOWING STAKEOUT OF ANY FACILITY BY COORDINATES, THE CONTRACTOR SHALL CONFIRM CONSISTENCY WITH THE PLAN DIMENSIONS PRIOR TO CONSTRUCTION.

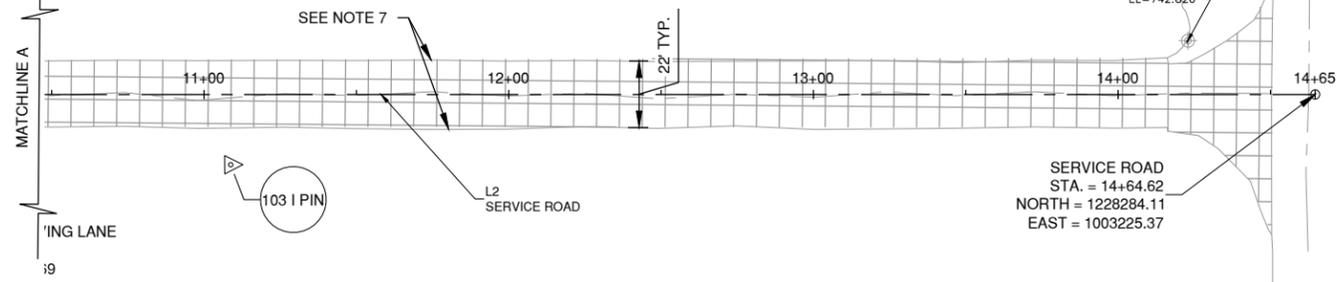
| MARK | DATE | DESCRIPTION |
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|----------------------------------|--|
| AIP PROJ. NO: | |
| IL PROJ. NO: CMI-5042 | |
| CMT PROJECT NO: 22004995 | |
| CAD DWG FILE: 22004995-CP100.DWG | |
| DESIGNED BY: MRK | |
| DRAWN BY: MRK | |
| CHECKED BY: MJD | |
| APPROVED BY: CBG | |
| COPYRIGHT: | |

SHEET TITLE
**PROPOSED CONTROL
& ALIGNMENT DATA**



| POINT | LATITUDE | LONGITUDE | ELEVATION |
|------------------|-----------------|-----------------|-----------|
| 103 60D | N40° 02' 12.60" | W88° 15' 51.35" | 748.57 |
| 103 I PIN | N40° 02' 14.22" | W88° 15' 52.07" | 748.47 |
| 103 I PIN | N40° 02' 18.47" | W88° 15' 55.77" | 742.68 |
| 104 BM2-24 CHECK | N40° 02' 21.58" | W88° 15' 56.26" | 742.82 |

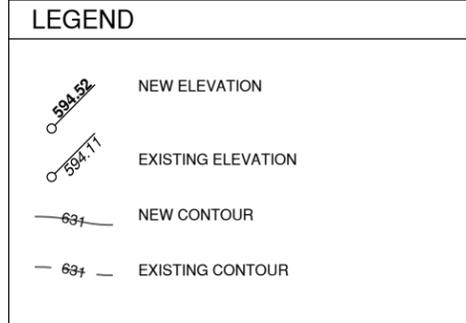
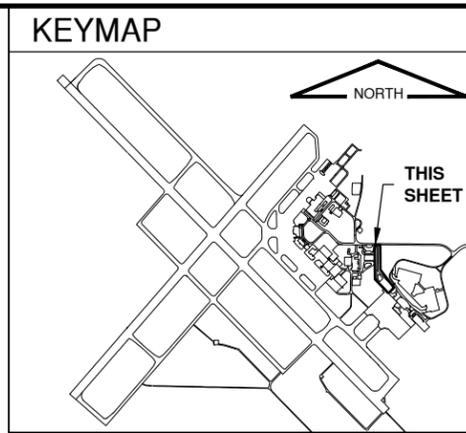
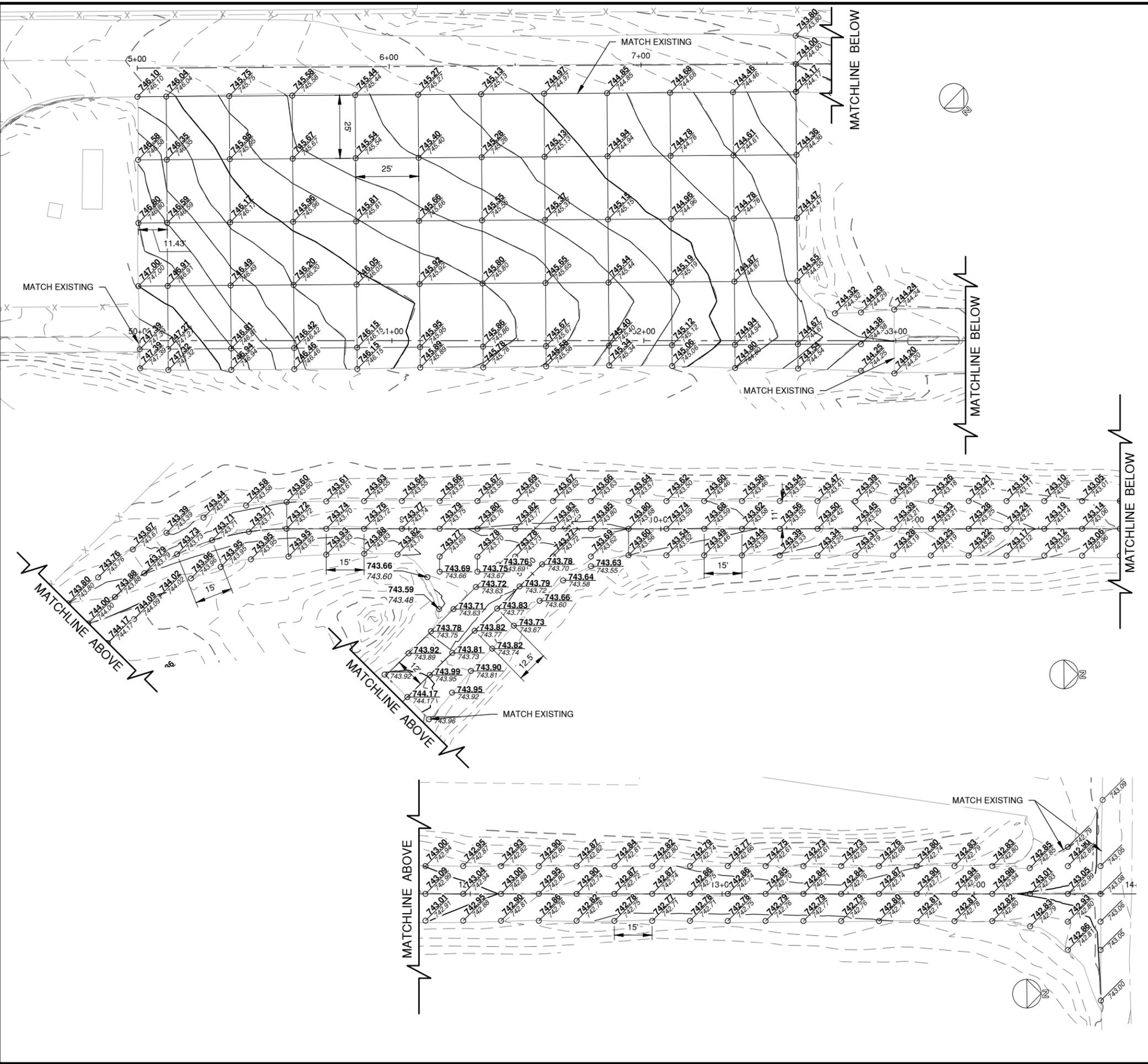


| ALIGNMENT SEGMENT | ALIGNMENT | BEGIN STATION/ PI STATION | NORTHING/ EASTING | END STATION/ CURVE RADIUS | NORTHING/ EASTING |
|-------------------|--------------|---------------------------|--|---------------------------|---|
| L1 | SERVICE ROAD | STA. 5+00.00 | N:1227405.2157 E:1003440.9053 | STA. 7+73.36 | N: 1227600.4124 E: 1003249.5262 |
| C3 | SERVICE ROAD | CENTER STA. 8+14.63 | PI N:1227629.8792 PI E:1003220.6357 | R = 100.000 | CENTER N: 1227670.4214 E: 1003320.9317 |
| L2 | SERVICE ROAD | STA. 8+51.64 | N:1227671.1450 E:1003220.9343 | STA. 14+64.62 | N: 1228284.1103 E: 1003225.3698 |

| ALIGNMENT SEGMENT | ALIGNMENT | BEGIN STATION/ PI STATION | NORTHING/ EASTING | END STATION/ CURVE RADIUS | NORTHING/ EASTING |
|-------------------|--------------------------|---------------------------|----------------------------------|---------------------------|------------------------------------|
| L3 | PARKING LOT DRIVING LANE | STA. 50+00.00 | N:1227481.0858 E:1003517.6753 | STA. 54+25.38 | N: 1227786.6872 E: 1003221.7704 |

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 Date: Friday, September 27, 2024 8:53:14 AM



NOTES

1. MATCH EXISTING GRADE AT ALL BUILDINGS, PAVEMENTS, CATCH BASINS, AND OTHER SURFACE FEATURES (MANHOLES, TRANSFORMERS, ETC).



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 CONSULTANTS



100%
 NOVEMBER 08, 2024

REHABILITATE AIRPORT
 ENTRANCE ROAD AND
 EMPLOYEE AUTOMOBILE
 PARKING LOT



UNIVERSITY OF ILLINOIS
 WILLARD AIRPORT
 SAVOY, IL

| MARK | DATE | DESCRIPTION |
|------|------|-------------|
| | | |
| | | |
| | | |

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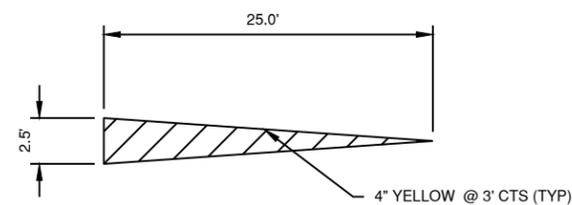
SHEET TITLE
STAKING PLAN



| MARK | DATE | DESCRIPTION |
|------|------|-------------|
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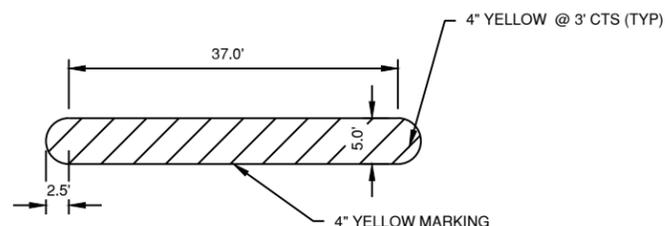
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| AIP PROJ. NO: | |
| IL PROJ. NO: CMI-5042 | |
| CMT PROJECT NO: 22004995 | |
| CAD DWG FILE: 22004995-CM500.DWG | |
| DESIGNED BY: MRK | |
| DRAWN BY: MRK | |
| CHECKED BY: MJD | |
| APPROVED BY: APR | |
| COPYRIGHT: | |

SHEET TITLE
**MARKING & SIGNAGE
DETAILS**



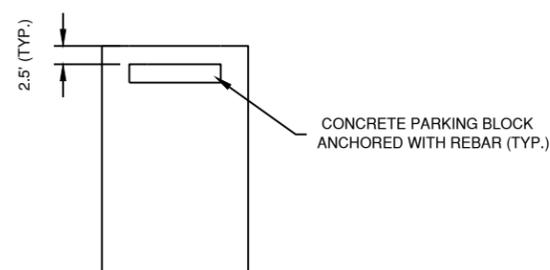
ISLAND STRIPING DETAIL 1

N.T.S.



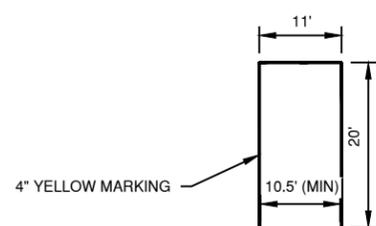
ISLAND STRIPING DETAIL 2

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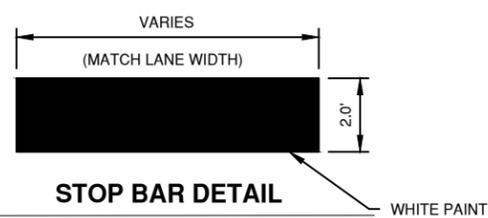
PARKING STALLS WITH BUMPER BLOCKS

N.T.S.



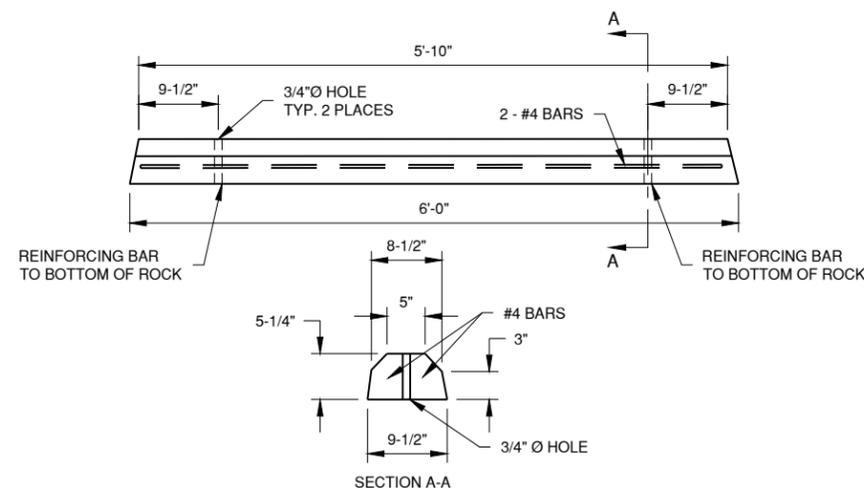
PARKING STALL TYPICAL

N.T.S.



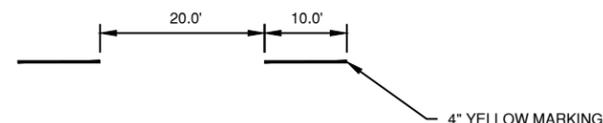
STOP BAR DETAIL

N.T.S.



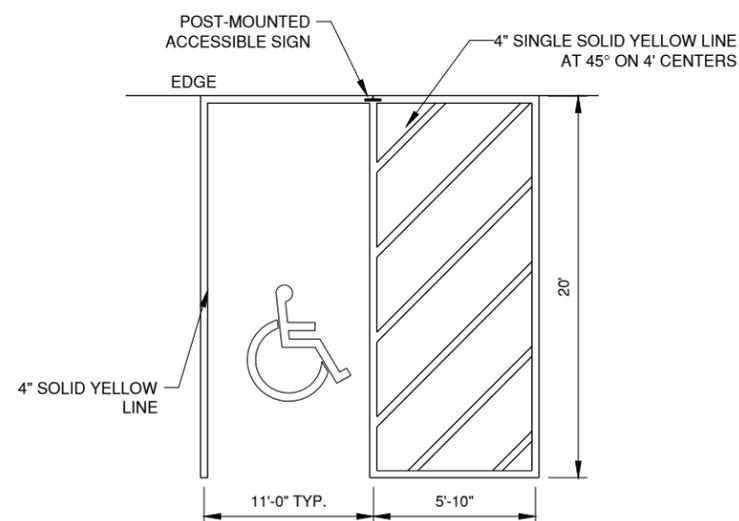
CONCRETE PARKING BLOCK DETAIL

N.T.S.



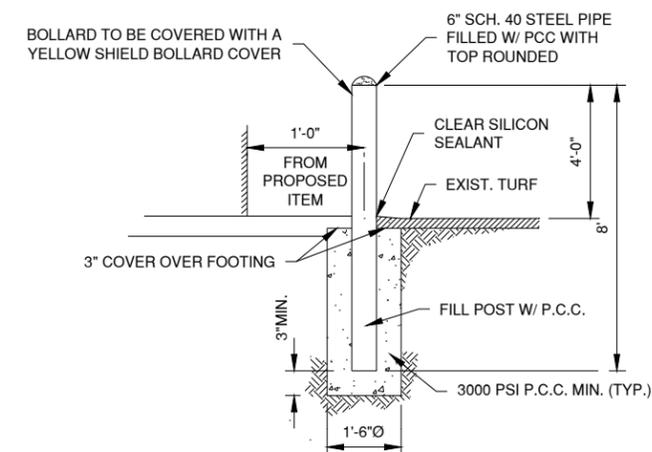
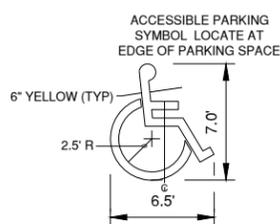
CENTERLINE TYPICAL

N.T.S.



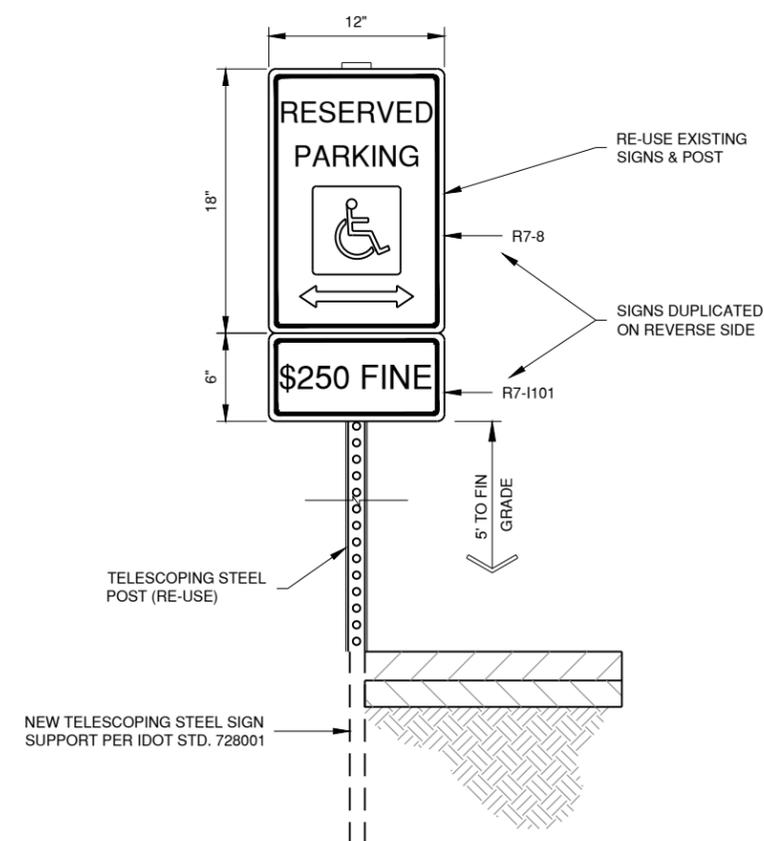
ADA AND PARKING STALL DETAIL

N.T.S.



PIPE BOLLARD

N.T.S.



ADA PARKING SIGNAGE DETAIL

N.T.S.